

WIND-TUNNEL STUDY OF  
ONE DENVER PLACE

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# LIST OF SYMBOLS

| <u>Symbol</u>    | <u>Definition</u>                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------|
| U                | Local mean velocity                                                                                                 |
| D                | Characteristic dimension (building height, width, etc.)                                                             |
| $\nu, \rho$      | 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                                                                             |
| $U_{\infty}$     | Reference mean velocity outside the boundary layer                                                                  |
| X, Y             | Horizontal coordinates                                                                                              |
| Z                | Height above surface                                                                                                |
| $\delta$         | 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                                                             |
| $p_{\infty}$     | 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  $UD/\nu$  be similar for model and prototype. Since  $\nu$ , 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 preshaped 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 stepping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

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

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

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

### 3.3 Velocity

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

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

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

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

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

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

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

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

where  $E_{rms}$  is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements were divided by both local mean velocity  $U$  and mean velocity outside the boundary-layer  $U_{\infty}$ . Division by  $U$  gives an indication of the relative unsteadiness at the location while division by  $U_{\infty}$  permits an easy determination of the

actual magnitude of rms velocity fluctuations at a point for various approach velocities.

## 4. RESULTS

### 4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of 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,  $\delta$ , was 50 in. The corresponding prototype value of  $\delta$  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

$U_{\infty}$  at the outer edge of the boundary layer,

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

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

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

Mean velocity  $U/U_{\infty}$ , turbulence intensity  $U_{rms}/U_{\infty}$ , and "gustiness"  $U_{rms}/U$  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 glass design shown in Table 6 have been plotted on developed elevation views of the structure, Figure 10. Loads appropriate for design of mullions or other cladding elements can be obtained by using the loads of Table 6 or multiplying the loads of Figure 10 by 1.37.

#### 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.

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

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

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

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

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

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

## 5. DISCUSSION

### 5.1 Flow Visualization

Flow patterns about the One Denver Place building determined from smoke visualization did not show any flow patterns characteristic of exceptionally high local pressures. Flow separation patterns did show that moderately high negative pressures might be expected on the three narrower sides of each tower. Flow patterns about the pedestal structure indicated rather moderate pressures should be expected there.

Flow visualization of winds in pedestrian areas showed two possible areas of concern. The sidewalk in front of entrances on wall 5 of each tower (see Figure 3) showed high velocity winds for some approach wind directions. In addition, the depressed area between the towers and pedestal building showed strong winds for many wind directions. This flow is a result of positive pressure occurring on wall 2 of one tower while a negative pressure acts on wall 2 of the other tower. This pressure difference causes wind to flow down into the depressed area and across to the base of the other tower. The flow direction is always from one tower to the other.

### 5.2 Pedestrian Winds

Figure 4 shows the 17 pedestrian locations chosen for study including location 1 placed a block away for reference purposes. Table 2 and Figure 8 show that the three largest values of mean velocity were measured at location 16 in the center plaza area with values of 82, 77 and 77 percent of  $U_{\infty}$  for wind azimuths of 112, 135, 292 respectively. Location 15 in the center plaza area showed



a mean velocity of 71 percent of  $U_{\infty}$  at wind azimuth 112. Mean winds near the main entrances at locations 5 and 11 showed mean velocities between 65 and 70 percent for one wind direction each. Location 7 showed fairly high mean wind velocities for a range of wind directions. The largest mean velocity at reference location 1 was 55 percent of  $U_{\infty}$ .

The largest values of fluctuating velocity,  $U_{rms}$ , were slightly above 20 percent of  $U_{\infty}$  and were distributed among 6 different locations, usually occurring at only one wind direction for each location. These occurrences were associated with moderate mean winds (33-46 percent of  $U_{\infty}$ ) except at location 11 where the largest  $U_{rms}$  for that location (21 percent of  $U_{\infty}$ ) coincided with the largest mean velocity for that location (69 percent of  $U_{\infty}$ ) at a wind azimuth of 0 degrees. The implication is that location 11 may be uncomfortable on higher wind days when wind is directly from the north. The largest value of  $U_{rms}$  at location 1 was 17 percent of  $U_{\infty}$ .

The largest values of 'gustiness,'  $U_{rms}/U$ , were between 60 and 70 percent, a normal range, and were associated, in general, with low mean velocity situations.

Velocity data integrated with local wind data is shown in Figure 9. Based on that figure, mean winds should be above 12 mph, the level where wind effects become significant (based on Table 4 criteria), for about 8 percent of the time at location 16 in the center plaza and about 6 percent of the time or less at other locations. The largest percentage times when mean wind should be above 24 mph, the limit of tolerable winds on land, is about 0.8 percent for location 16, 0.5 percent for location 15 and less than 0.3 percent for other locations. The largest

percentage times when peak gusts could reach 35 mph occurred at locations 15 and 16 for 1 to 2 percent of the time, 0.9 percent at location 17 and less for other locations.

The results of the pedestrian velocity analysis showed that the pedestrian environment about the One Denver Place buildings is generally acceptable. The windiest locations will be in the depressed central plaza where the pedestrian environment may be a problem on windier days. The windiest areas at street level will be at locations 5, 7 and 11. These locations may experience occasional unpleasant periods but should be generally acceptable for walking pedestrians.

### 5.3 Pressures

Table 6 shows the largest pressure coefficients and loads measured on the One Denver Place buildings. The largest pressure coefficients measured on the buildings were -2.88 on the roof of tower 2 at tap 209 for wind azimuth 15 and -2.56 at tap 1322 on wall 3 of tower 1 for wind azimuth 90. Other taps having pressure coefficient values close to these were 1322, 1309 and 1304 with pressure coefficients of -2.56, -2.54, and -2.52 respectively. Glass loads corresponding to the wall coefficients were 48 or 49 psf based on a reference pressure of 26 psf and a glass load factor of 0.73 as shown in Section 4.3 and Table 5. The instantaneous load at tap 1322 corresponding to the -2.56 pressure coefficient was 67 psf and is appropriate for elastic cladding elements such as mullions.

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**FIGURES**

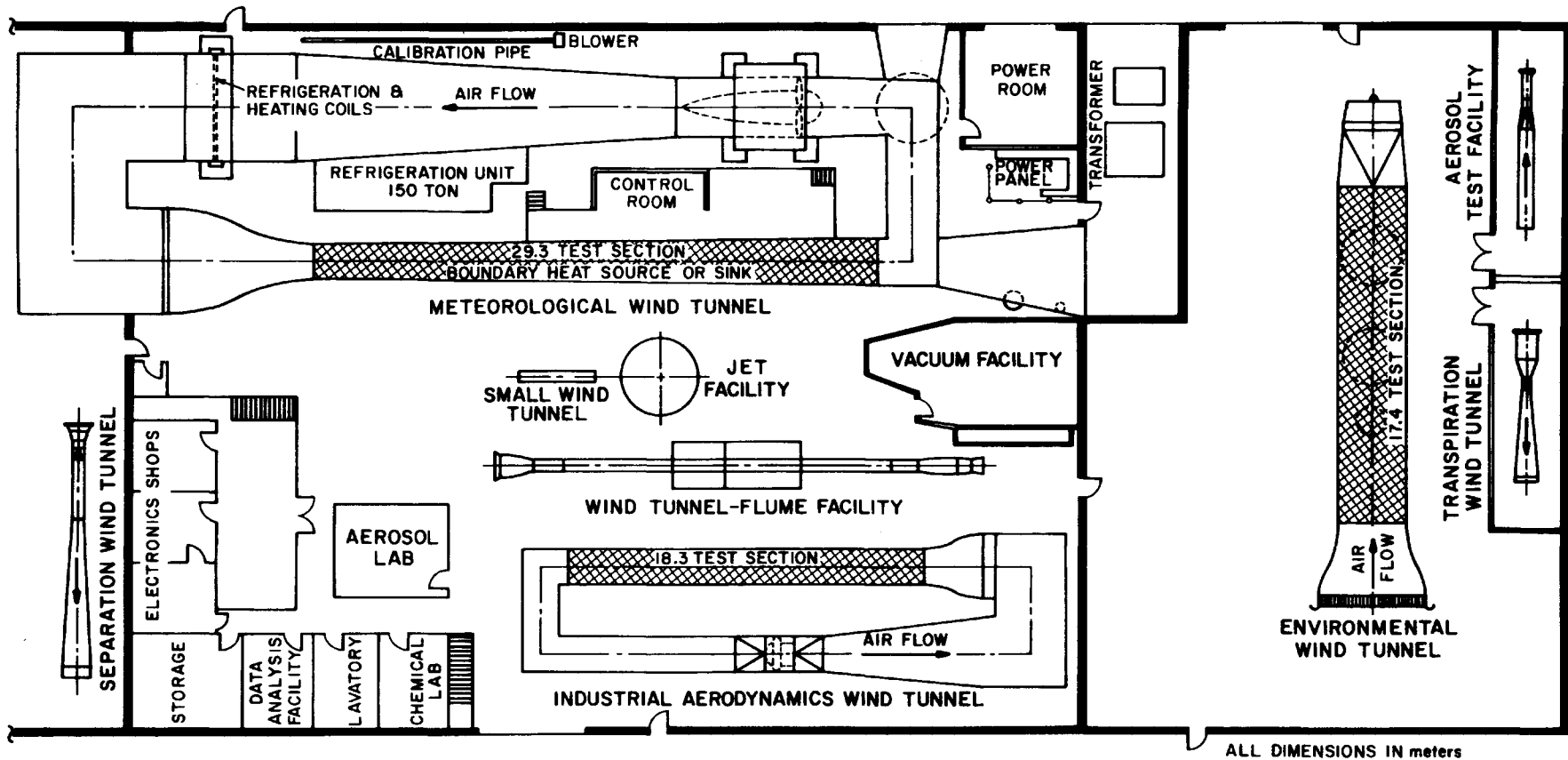
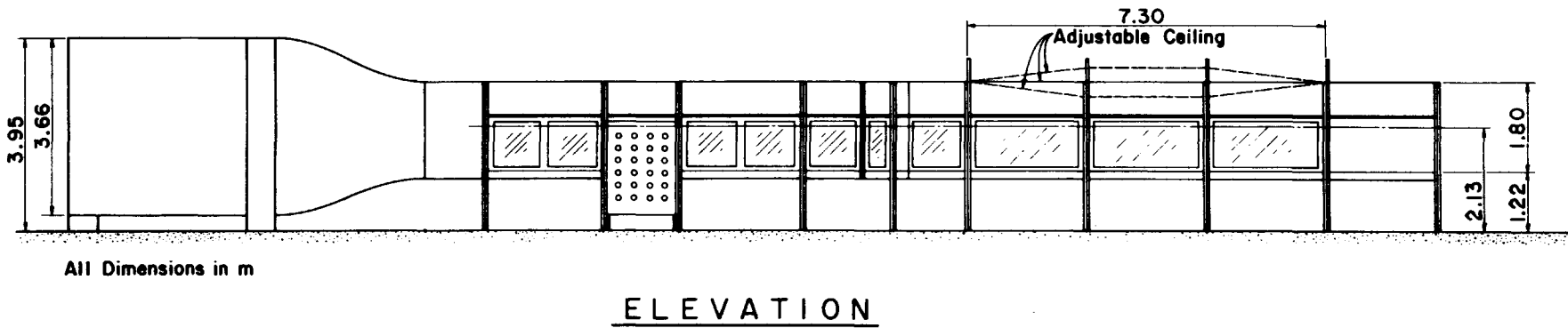
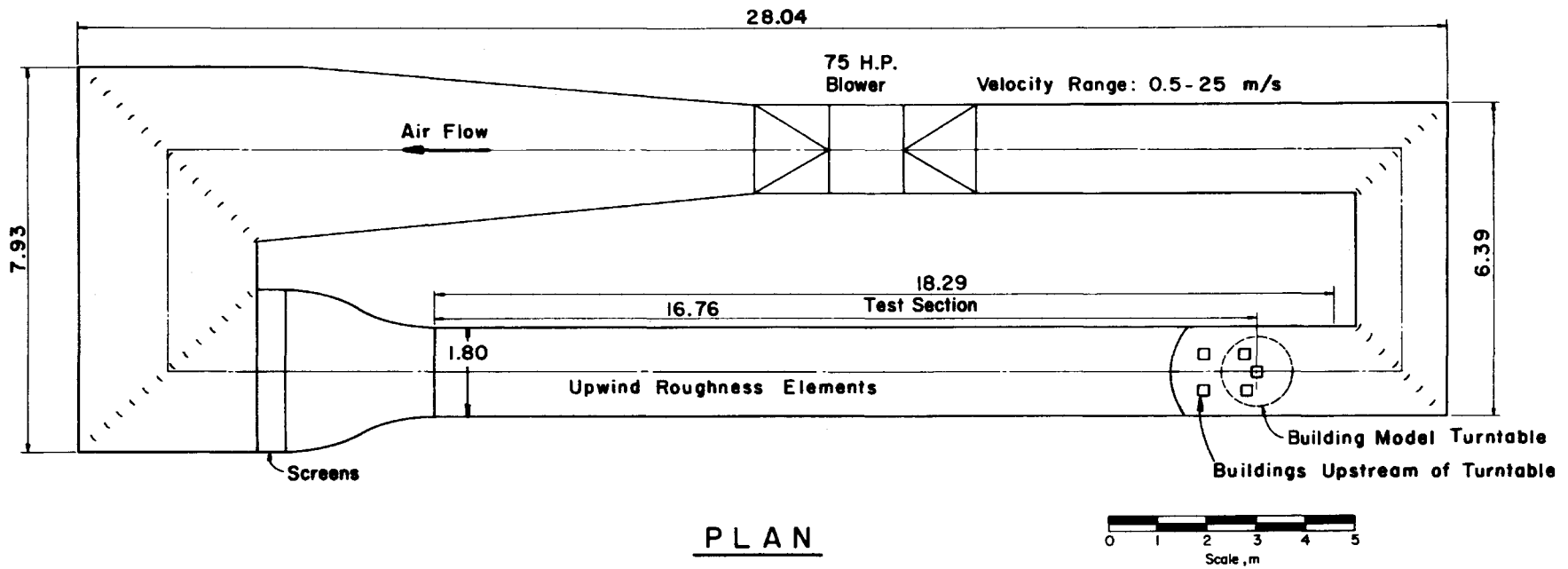
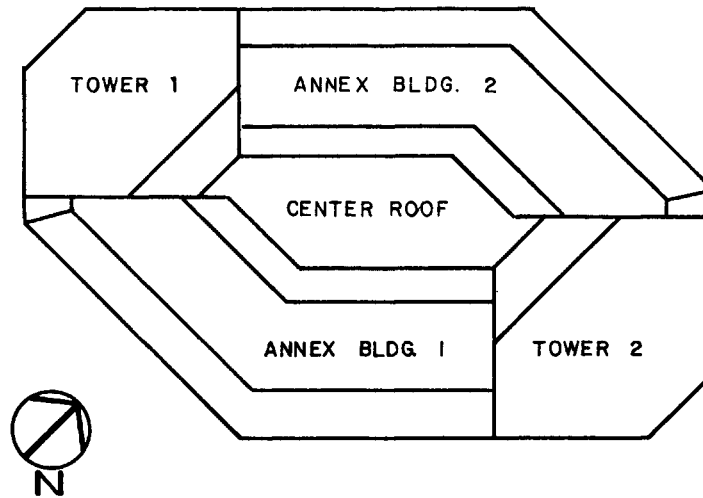


FIGURE 1 - FLUID DYNAMICS AND DIFFUSION LABORATORY  
COLORADO STATE UNIVERSITY



## INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2 - Wind Tunnel Configuration



NOTE: TAPS WITH 1 FOR FIRST DIGIT ARE ON TOWER 1 OR ANNEX BLDG. 1; TAPS WITH 2 FOR FIRST DIGIT ARE ON TOWER 2 OR ANNEX BLDG. 2.

MODEL SCALE 1/250  
TOTAL TAPS 636  
DIMENSIONS IN FULL SCALE FT.  
AND MODEL INCHES.

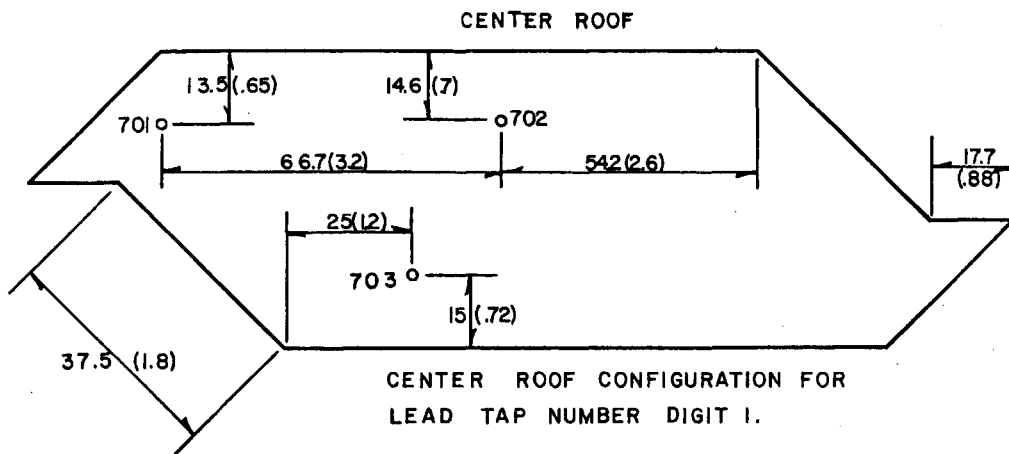


Figure 3a. Pressure Tap Locations

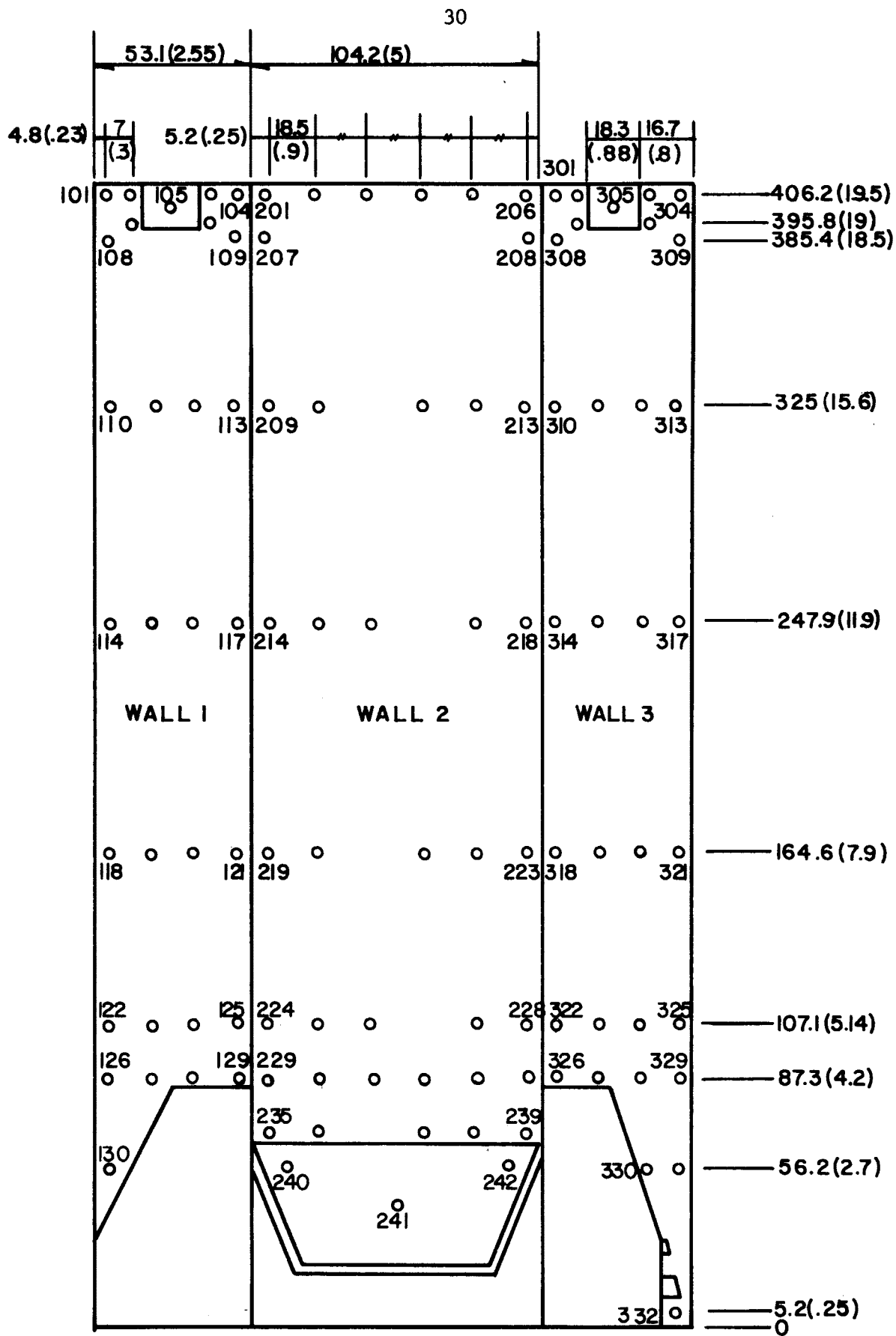


Figure 3b. Pressure Tap Locations



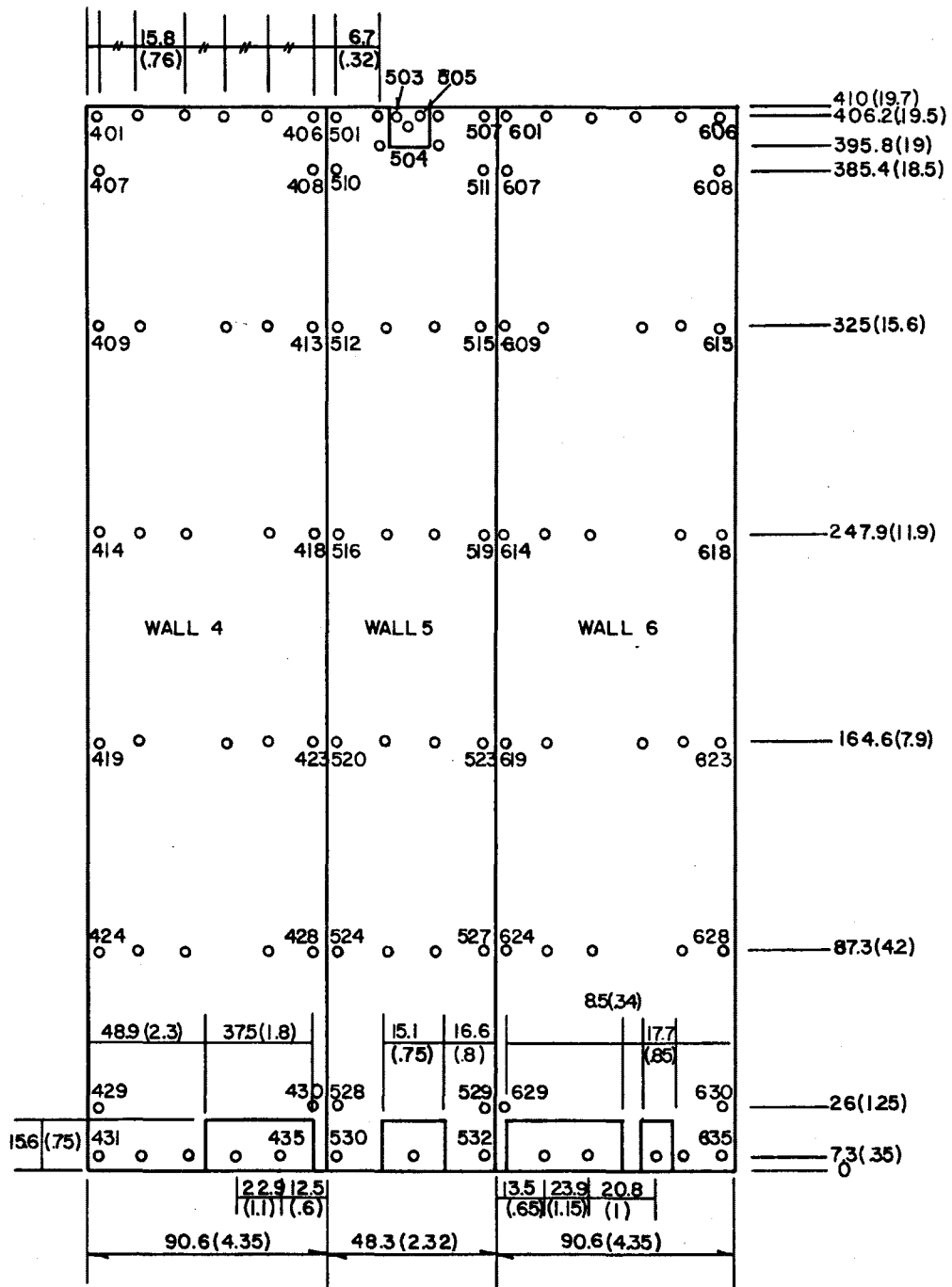


Figure 3c. Pressure Tap Locations

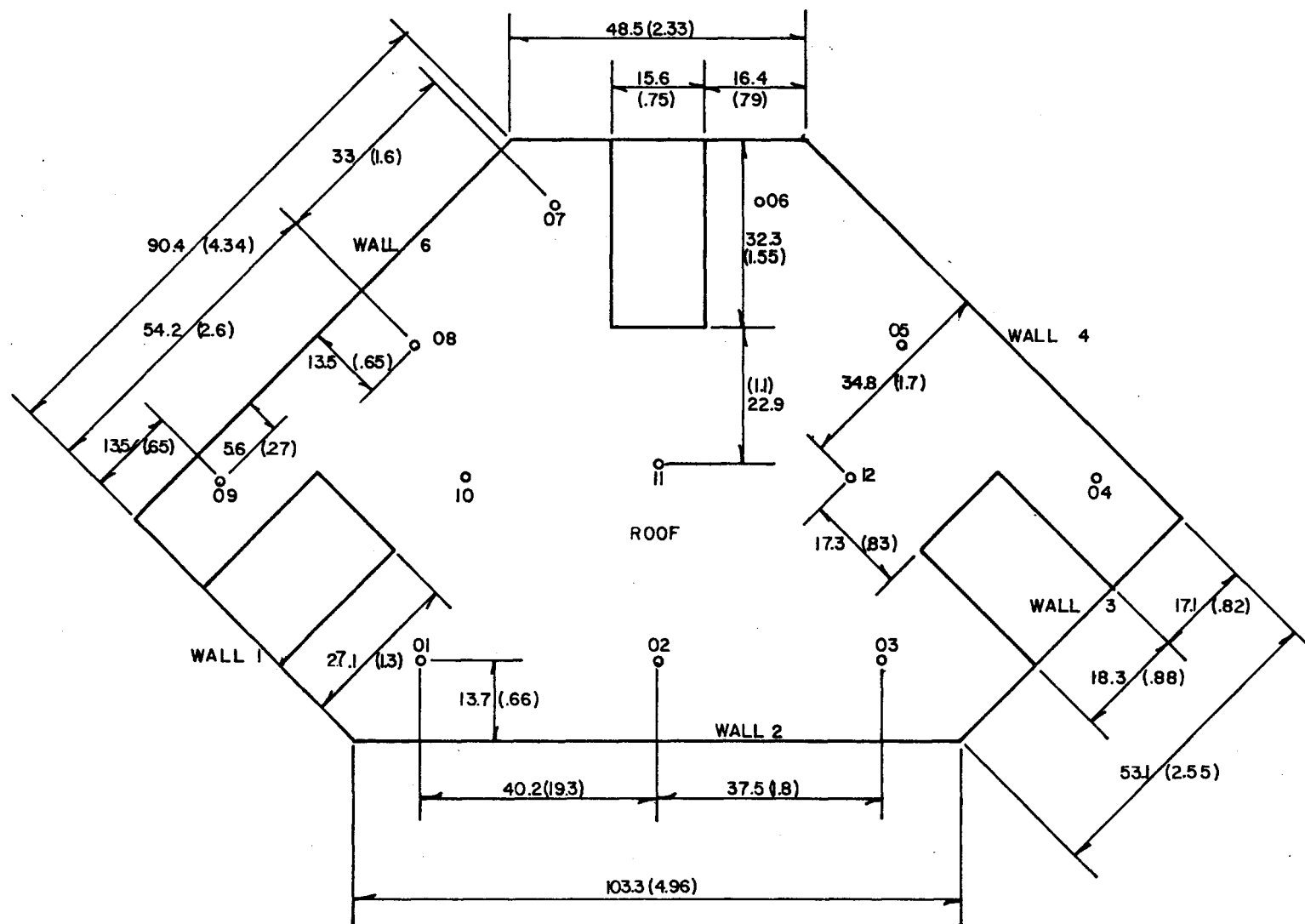


Figure 3d. Pressure Tap Locations

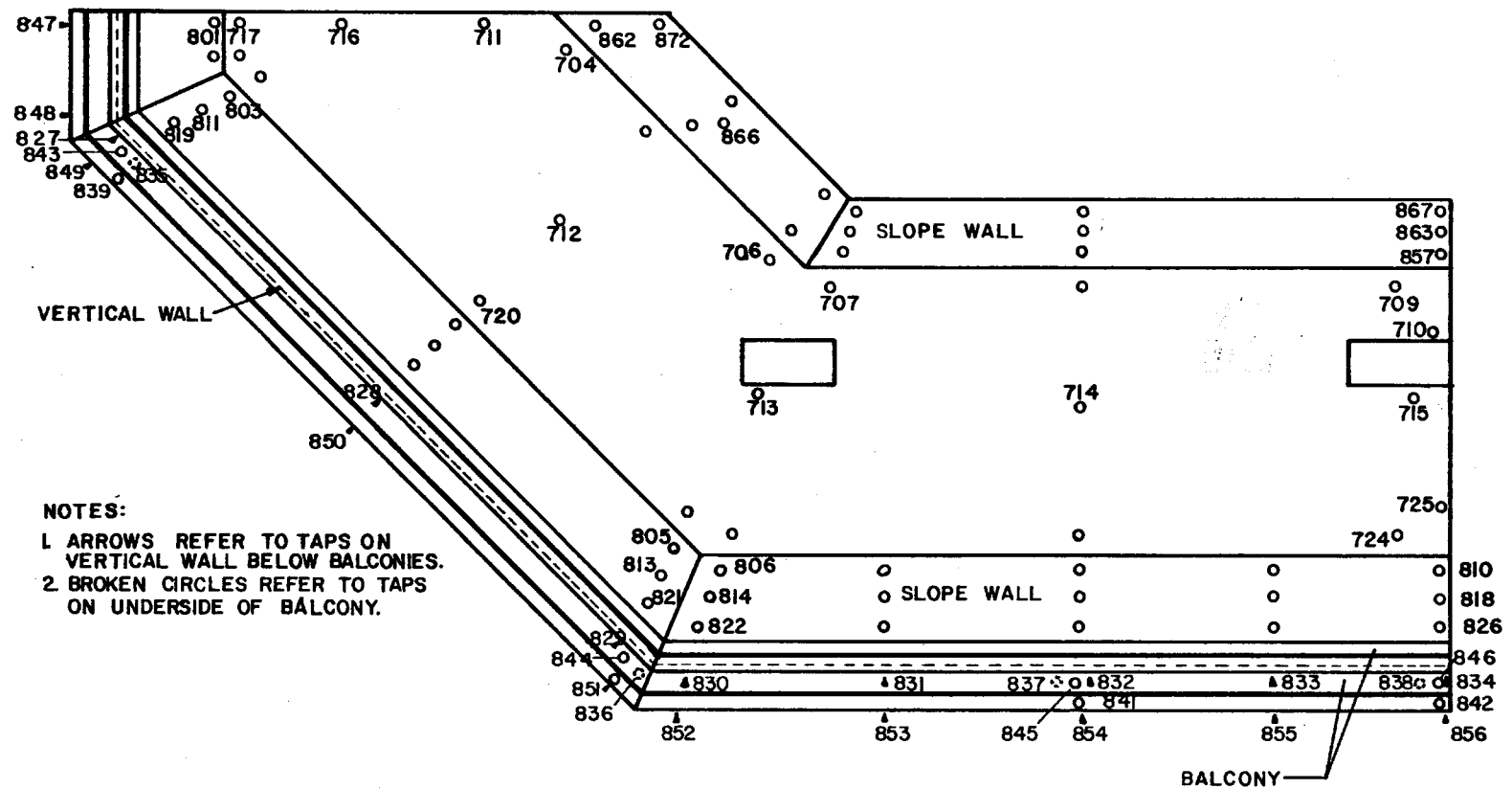


Figure 3e. Pressure Tap Locations

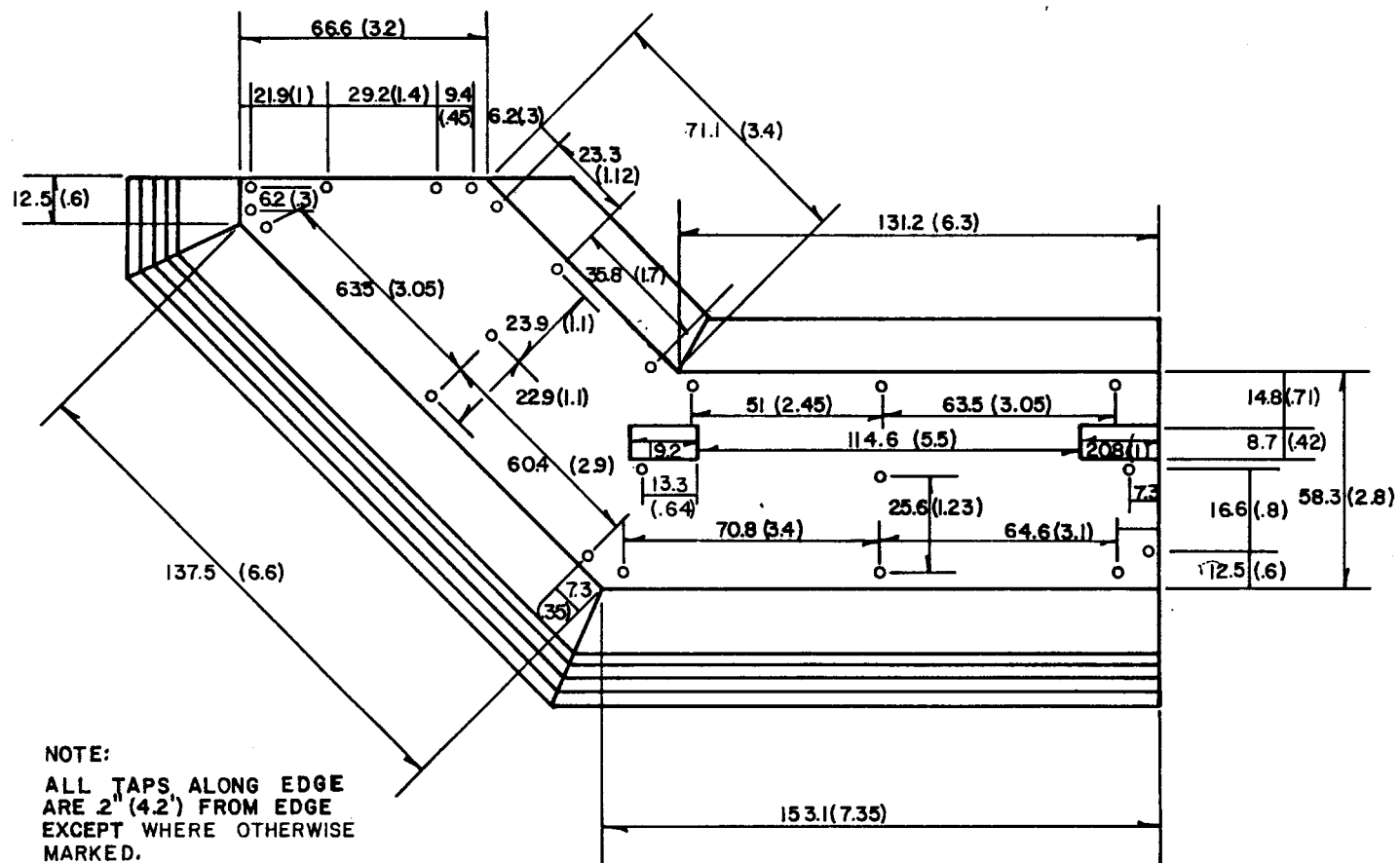


Figure 3f. Pressure Tap Locations

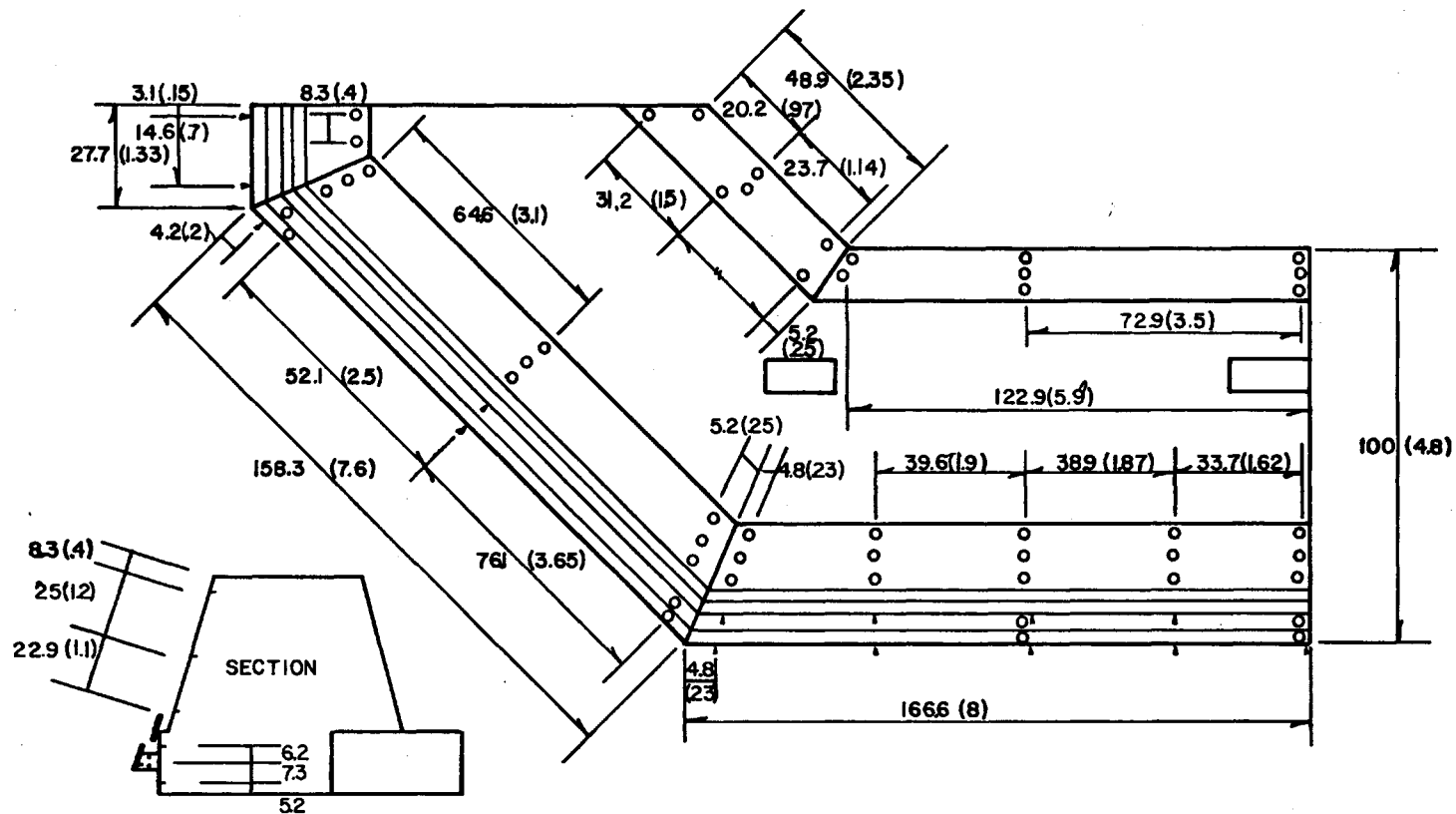


Figure 3g. Pressure Tap Locations

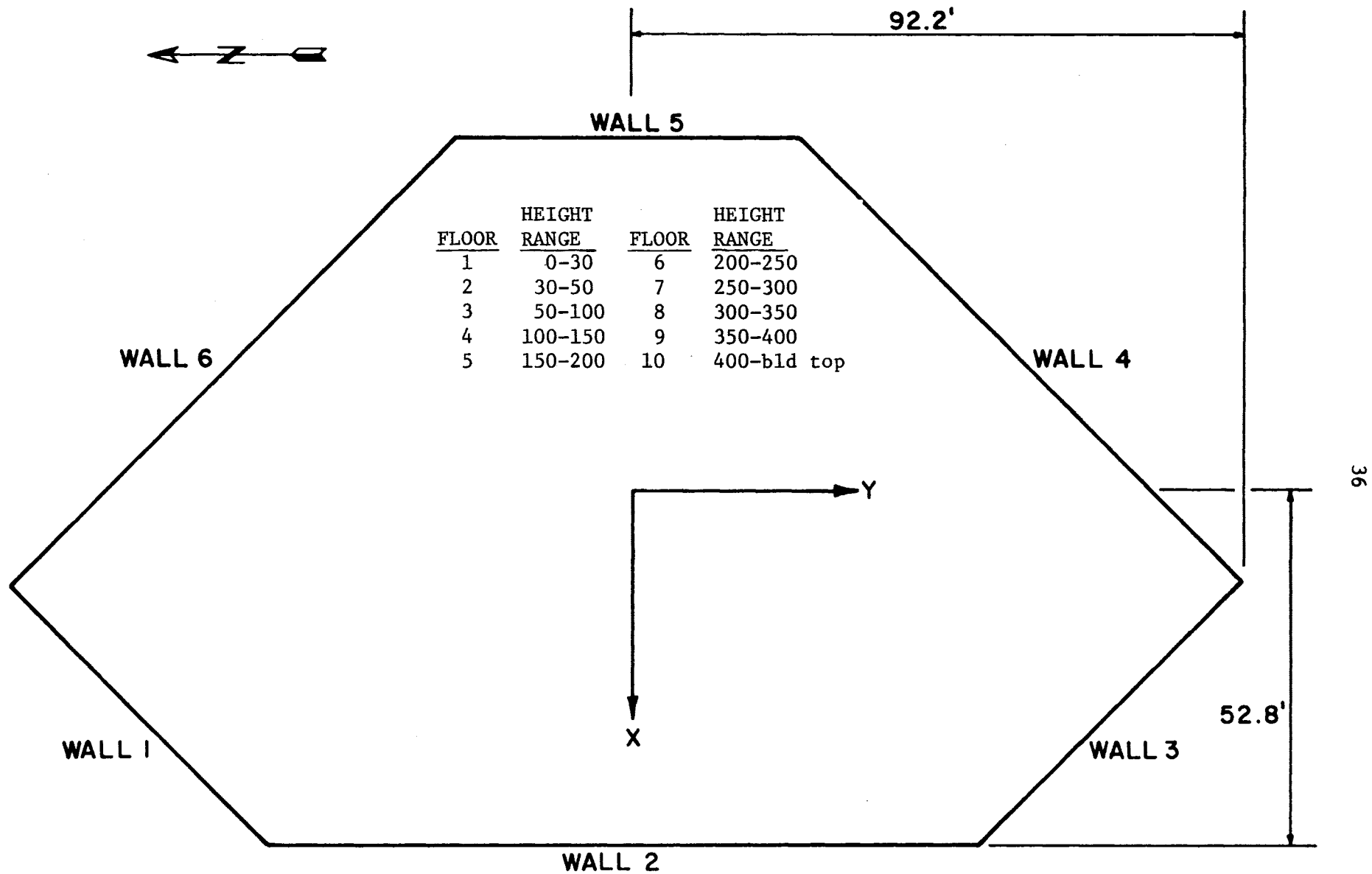


Figure 3h. Force and Moment Coordinate Axes for East Tower

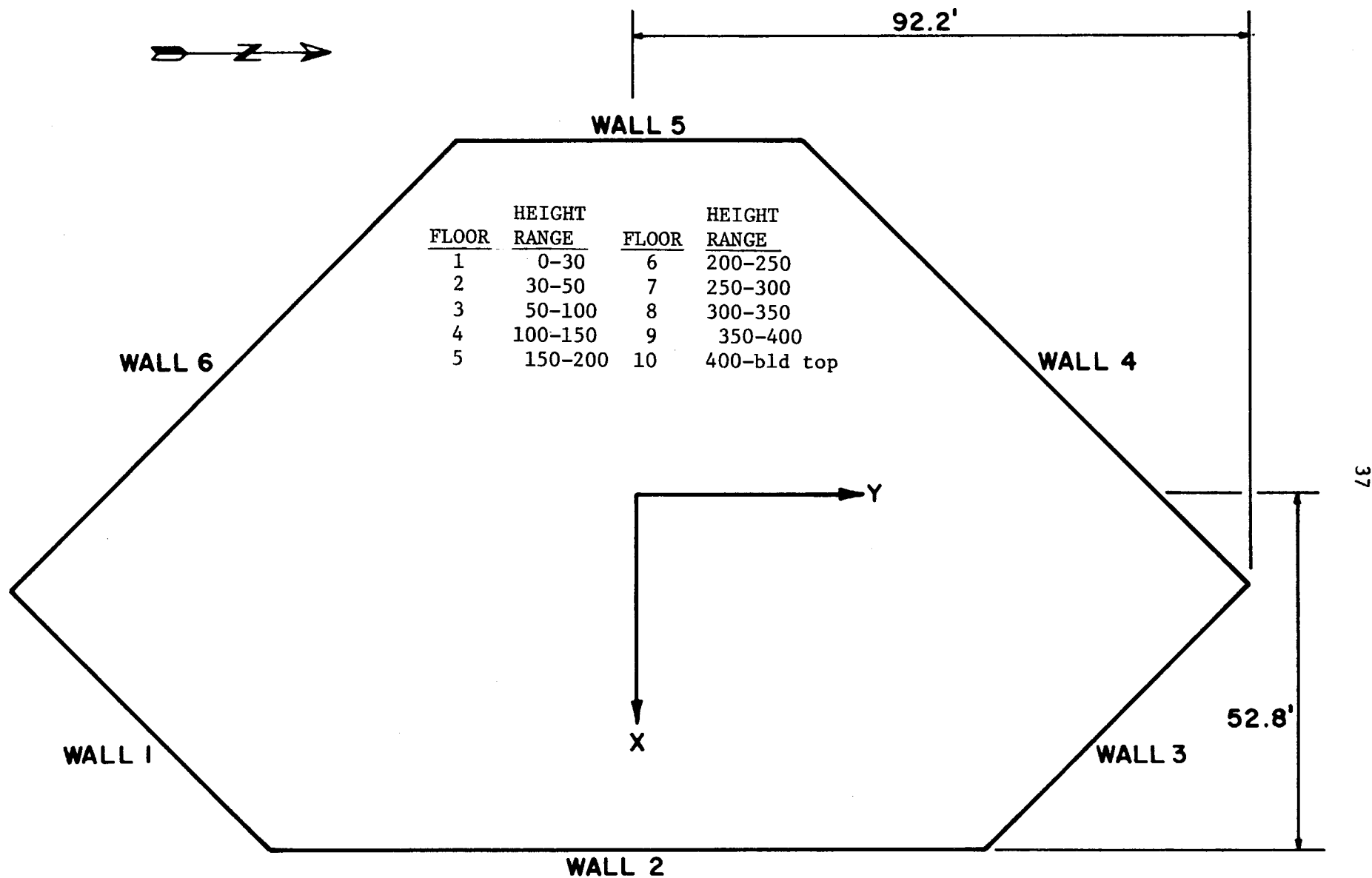


Figure 3i. Force and Moment Coordinate Axes for West Tower

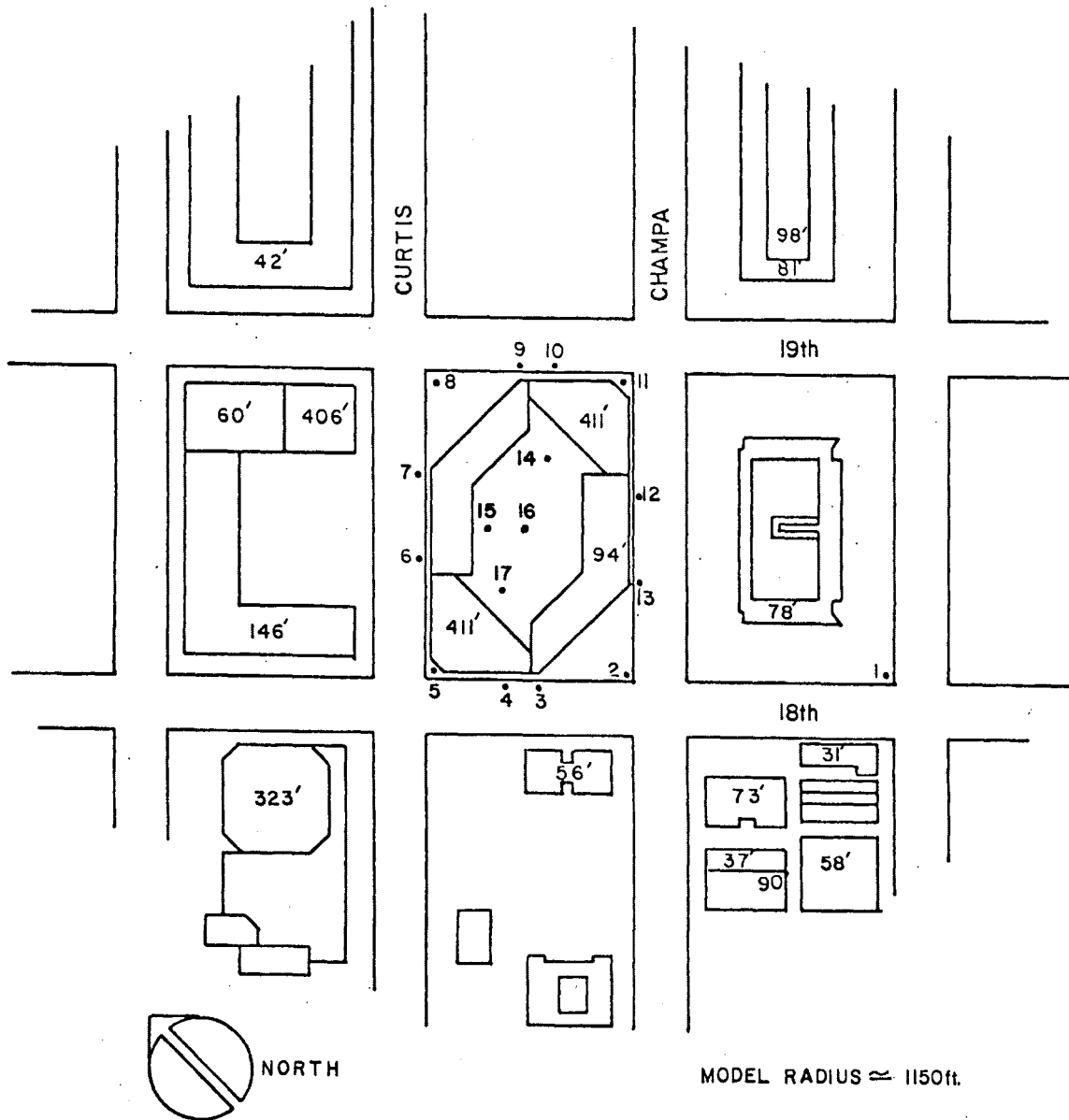


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions



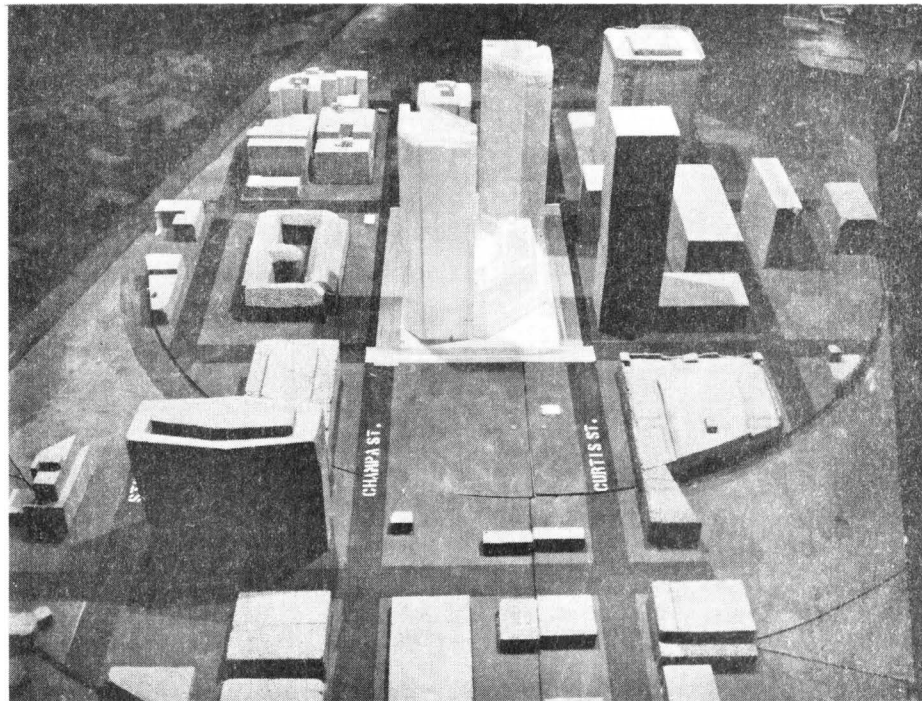
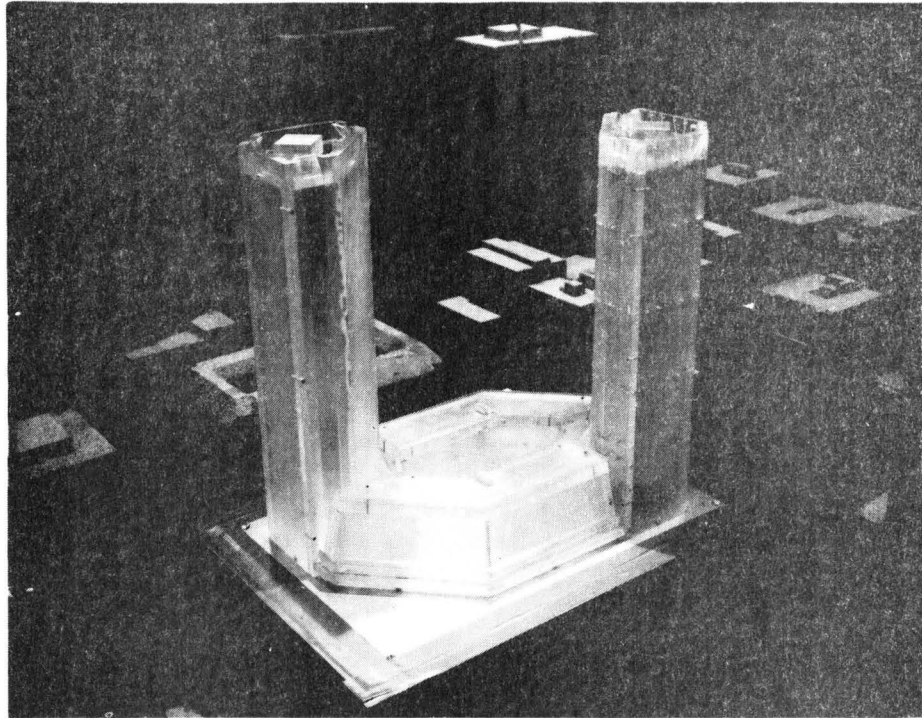


Figure 5. Completed Model in Wind Tunnel

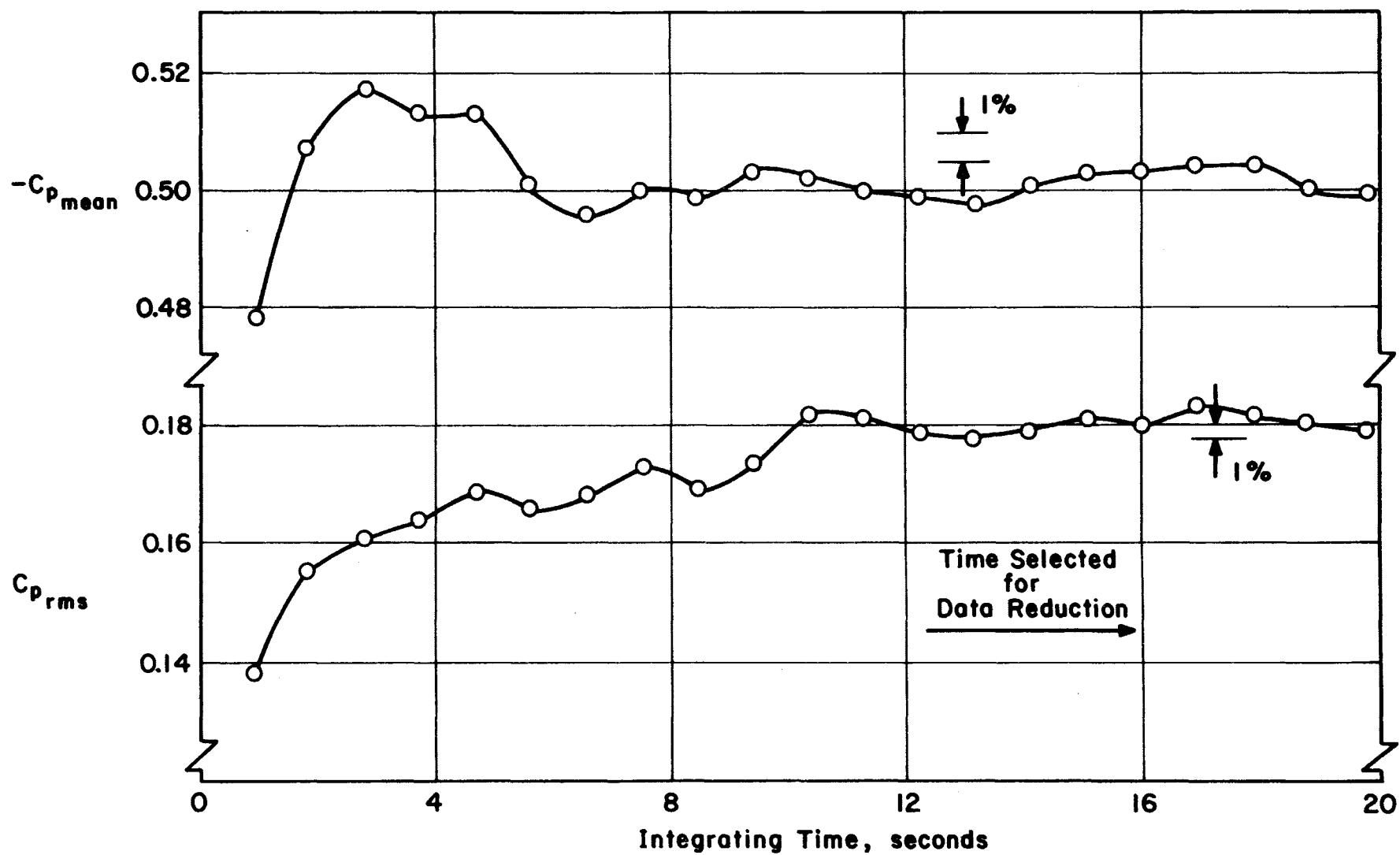


Figure 6 - Data Sampling Time Verification

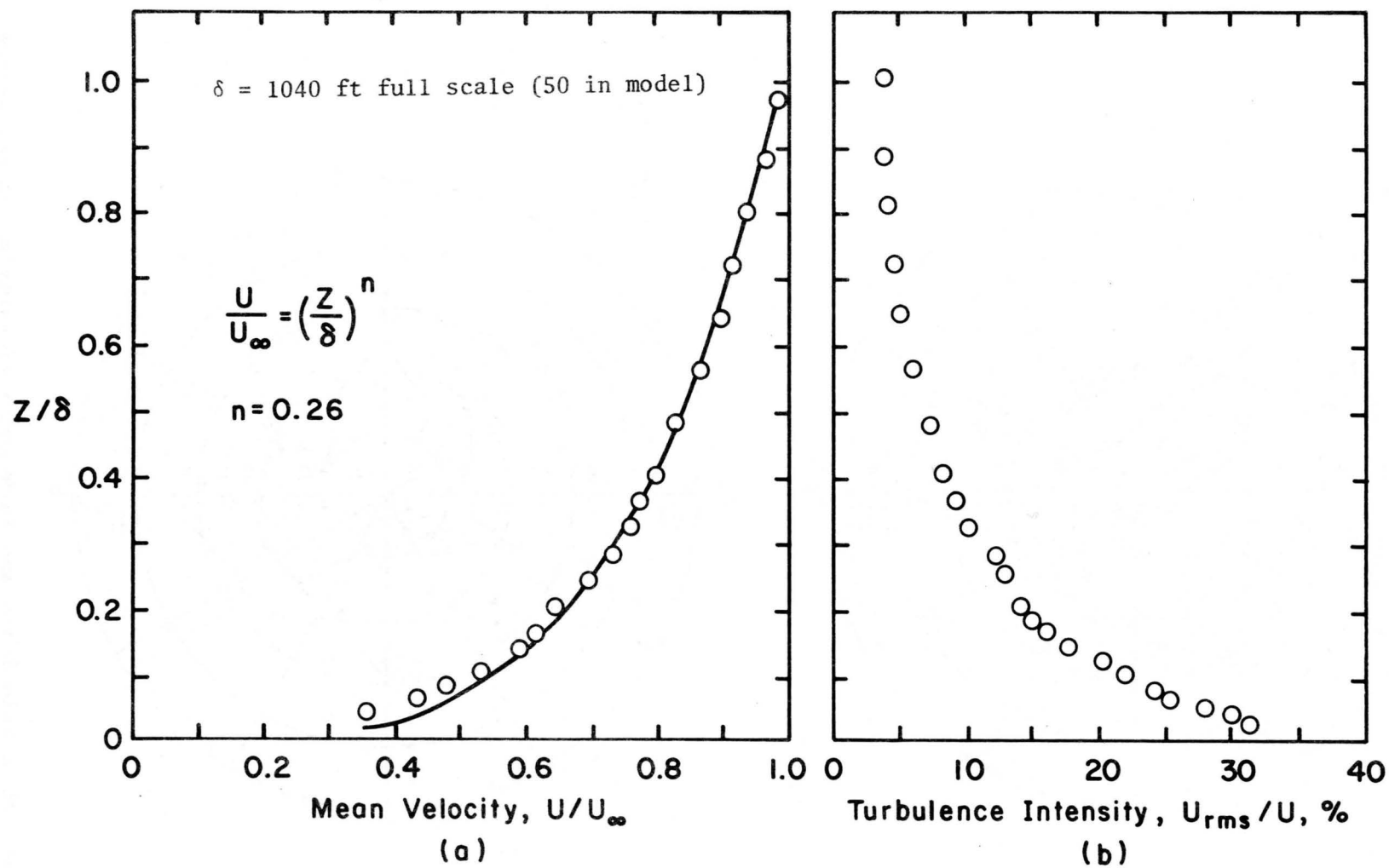


Figure 7 - Velocity and Turbulence Profiles Approaching the Model

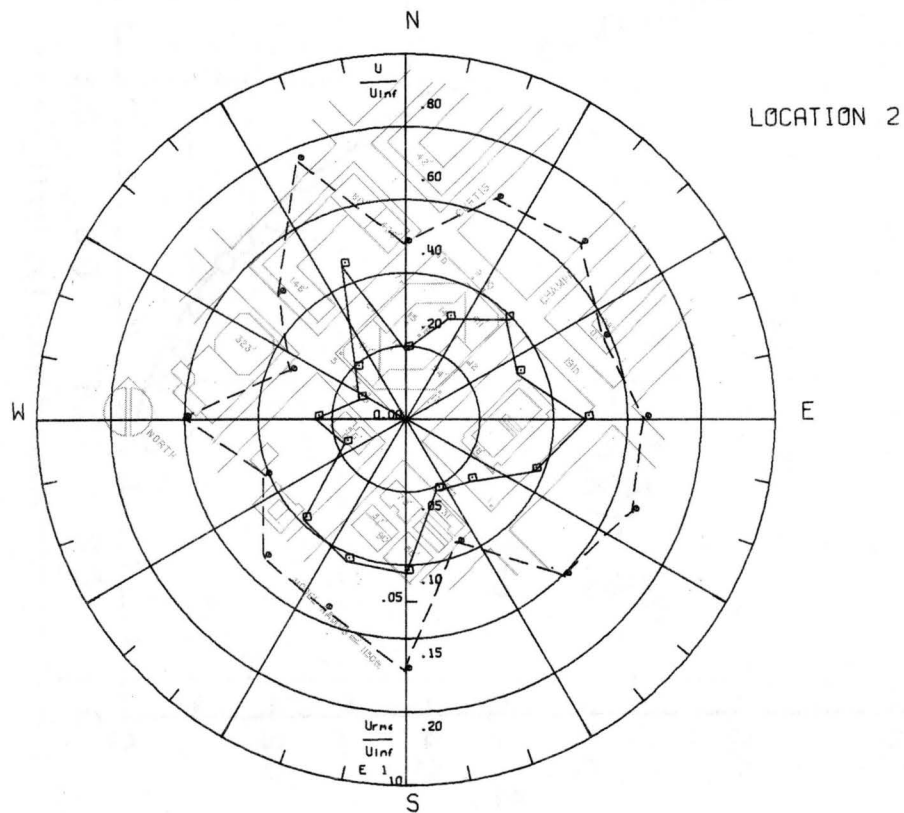
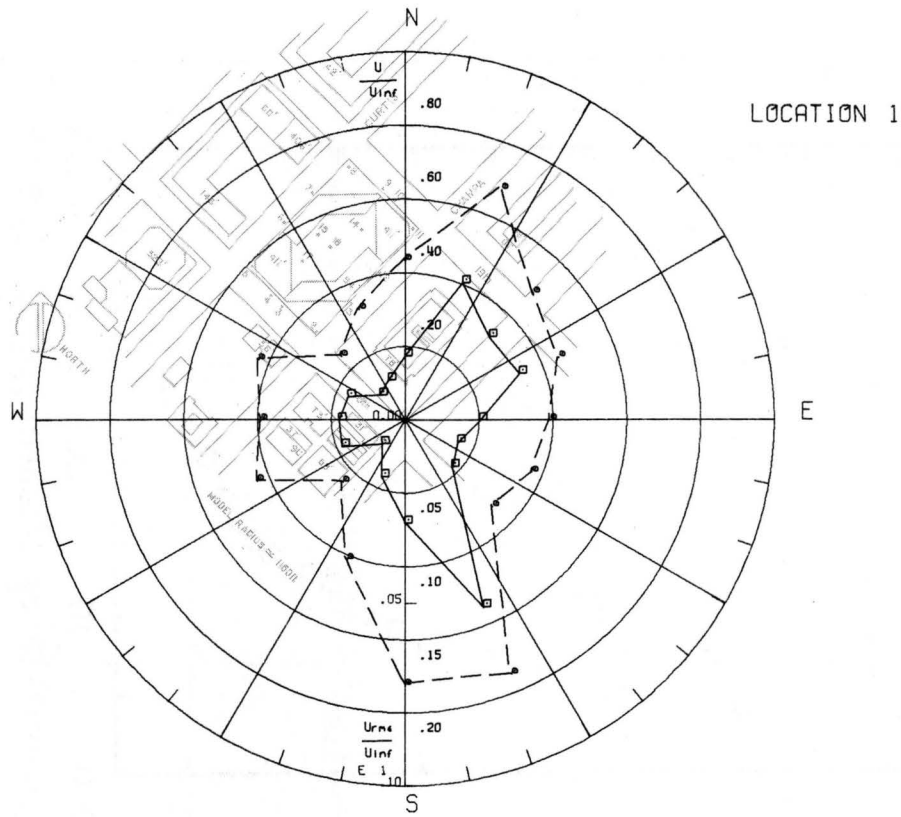


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2



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

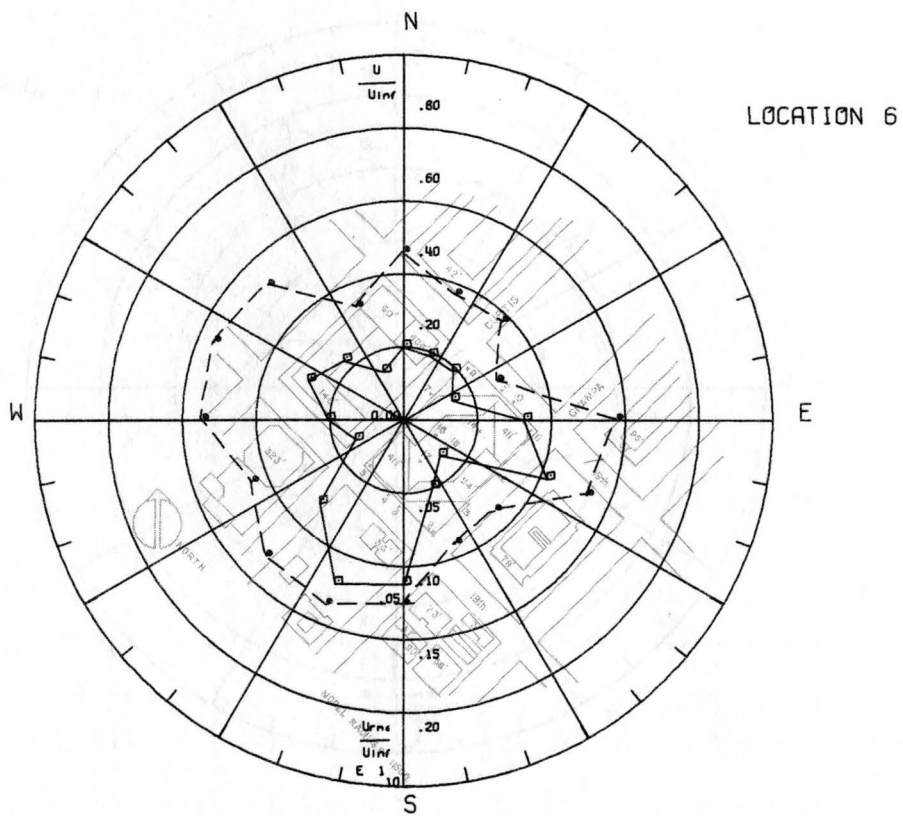
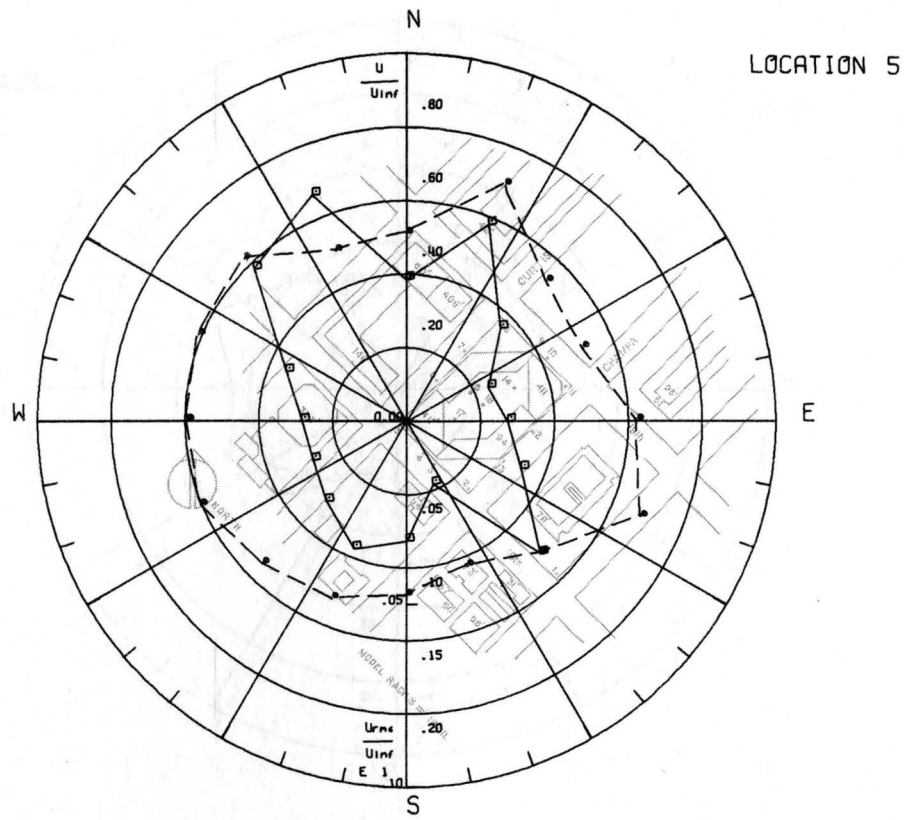
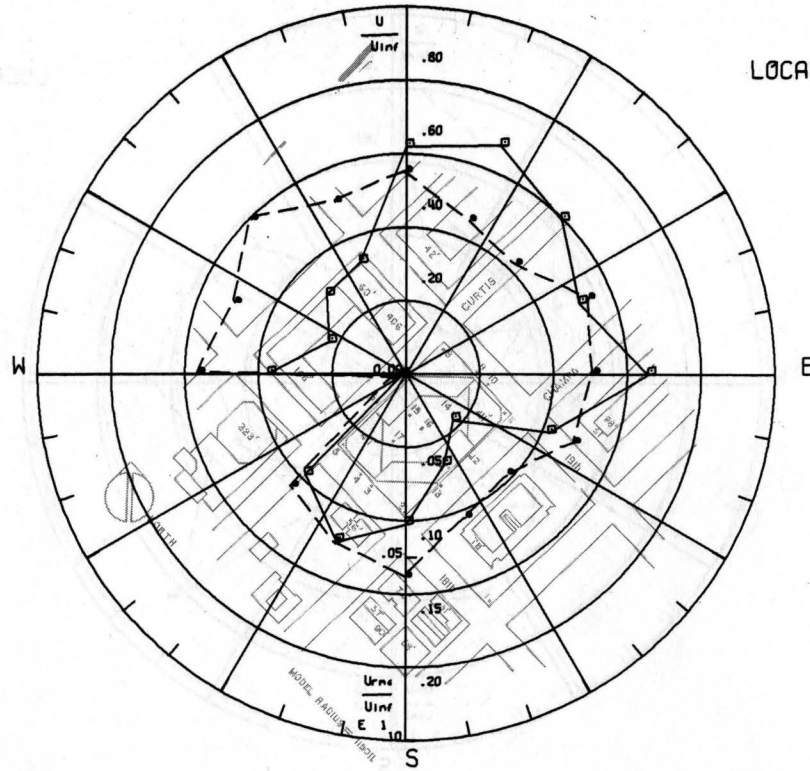


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

45

N

LOCATION 7



N

LOCATION 8

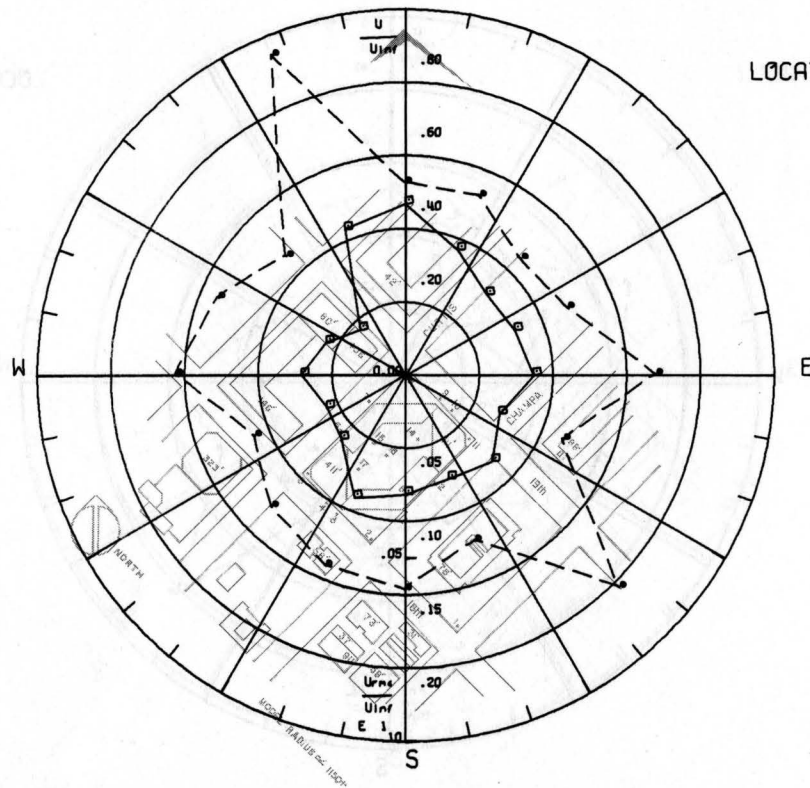


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

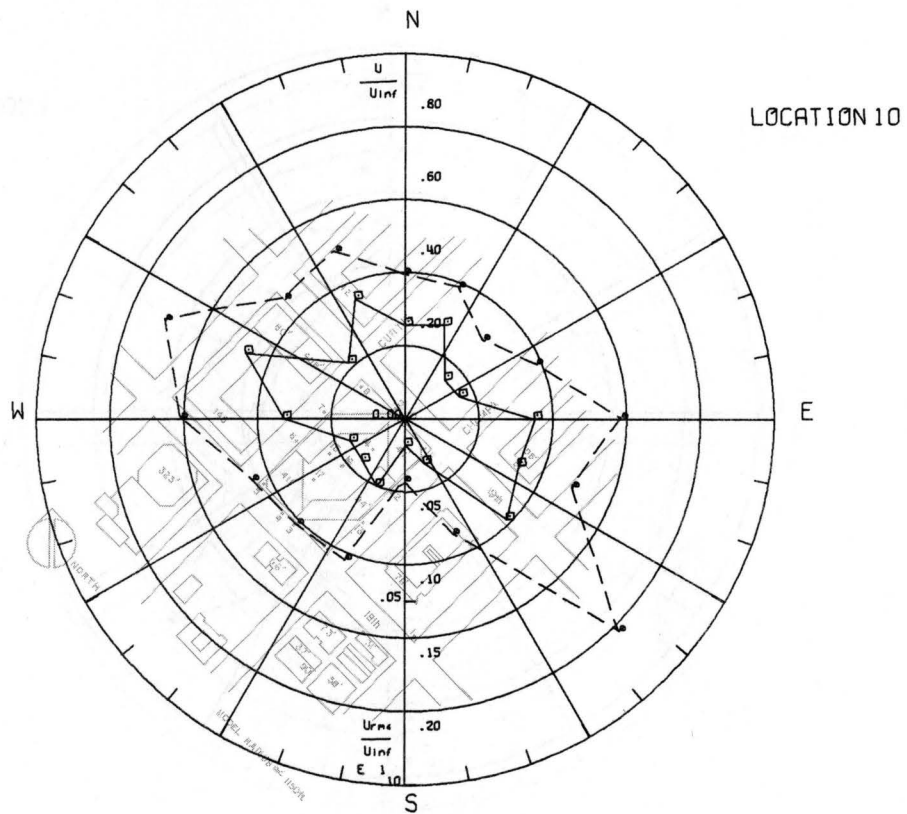
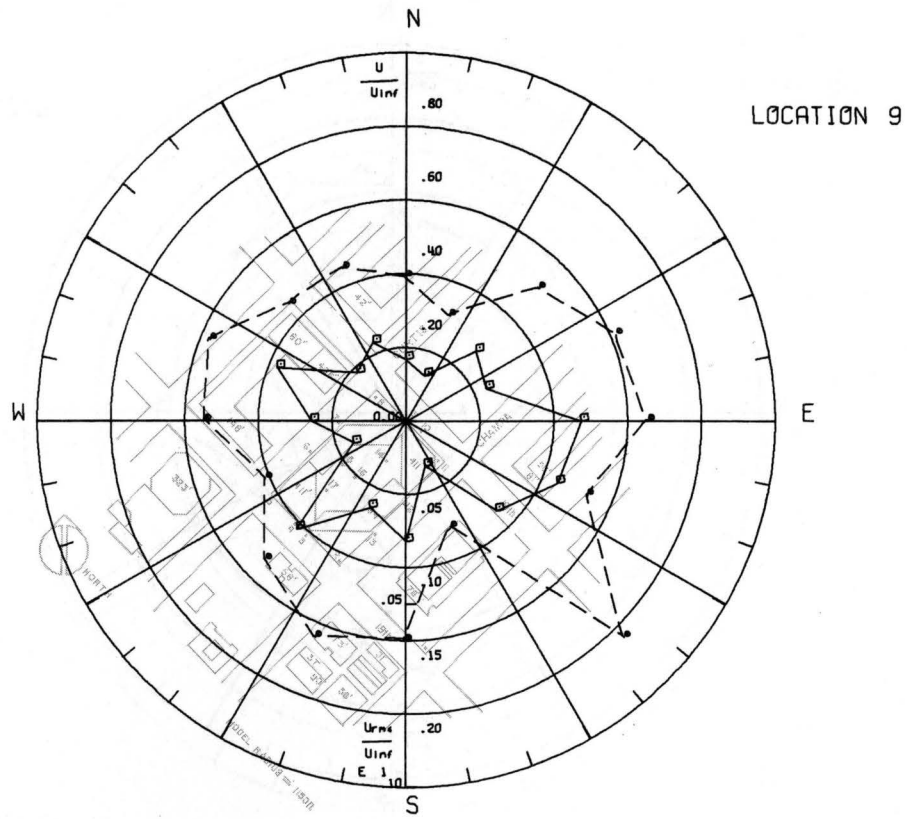


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10



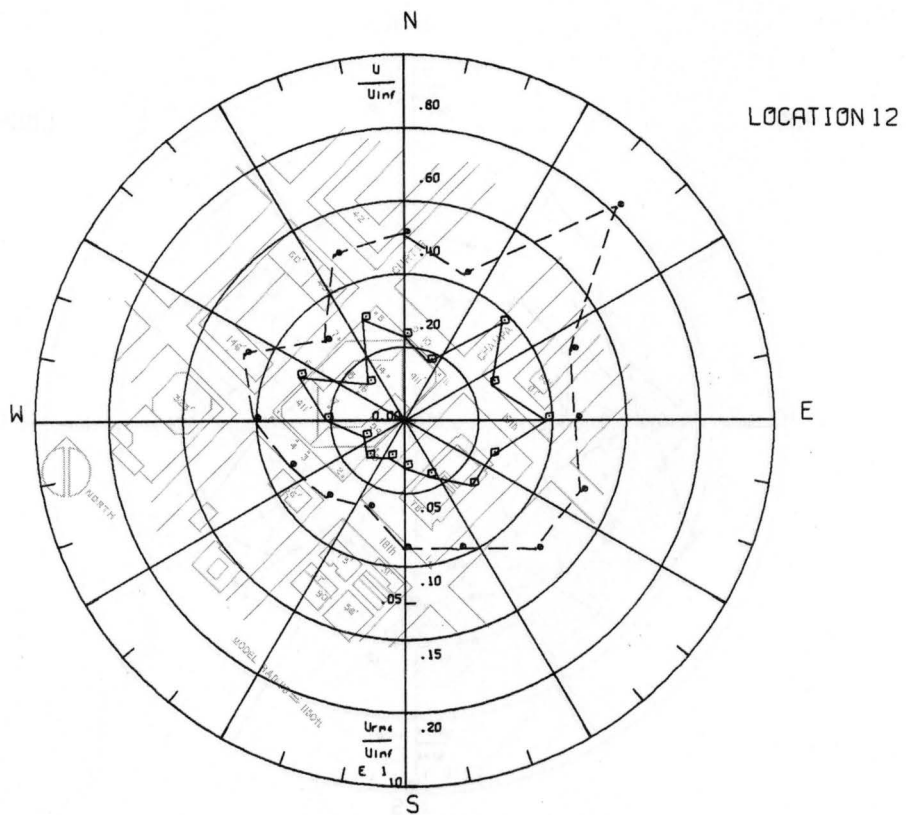
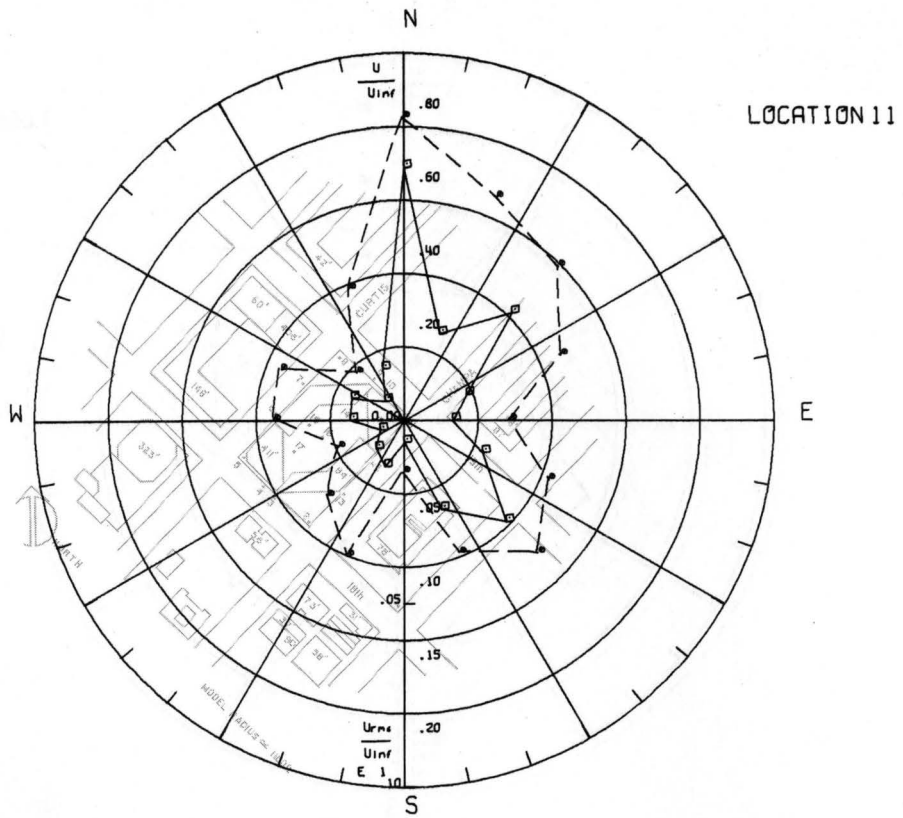


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

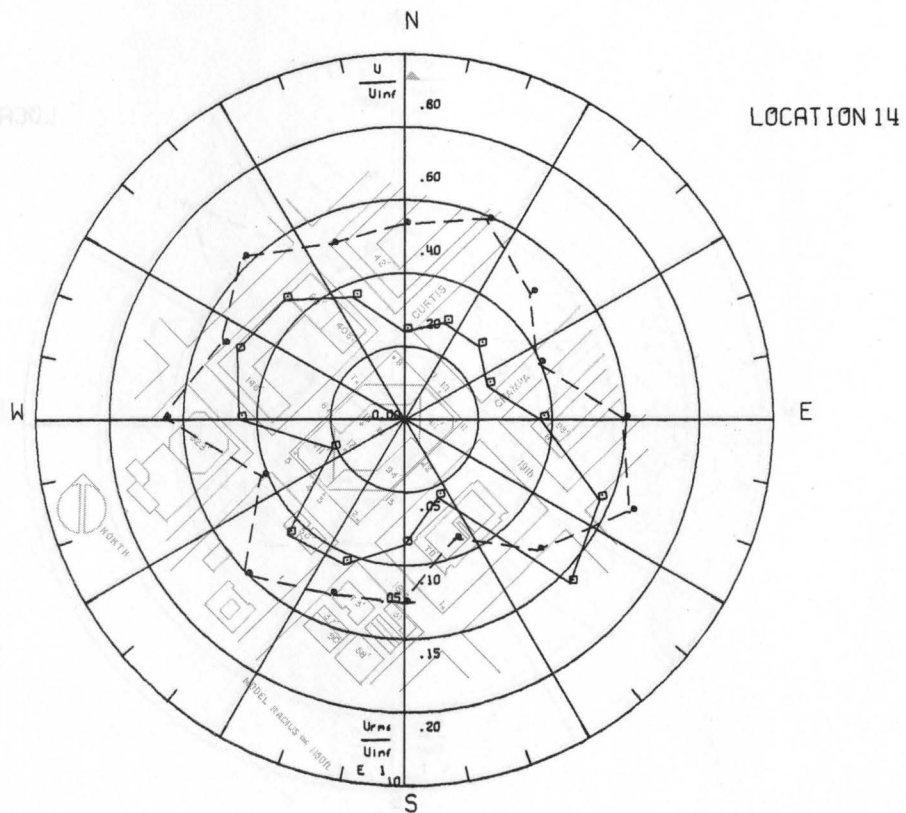
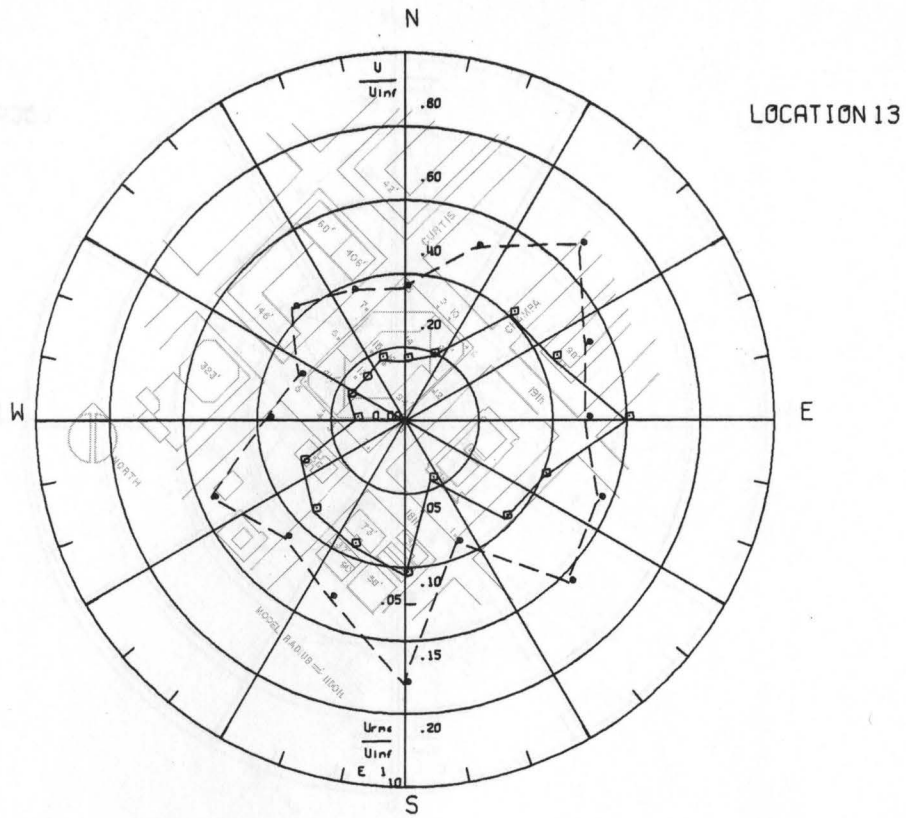


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14



Locations 15 and 16

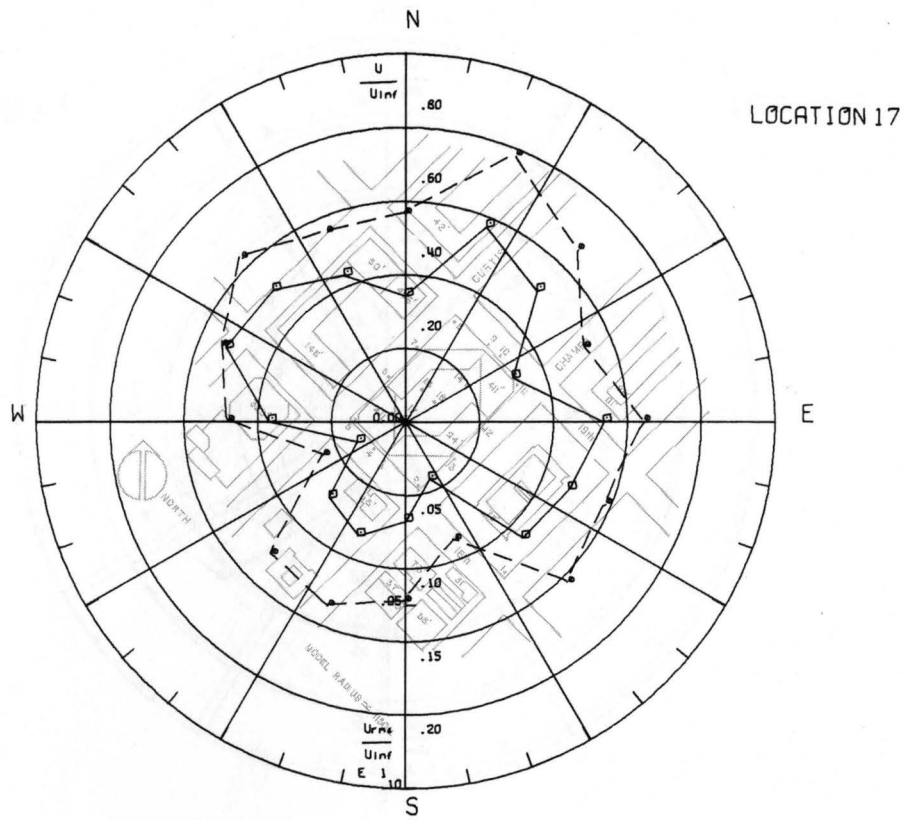


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Location 17

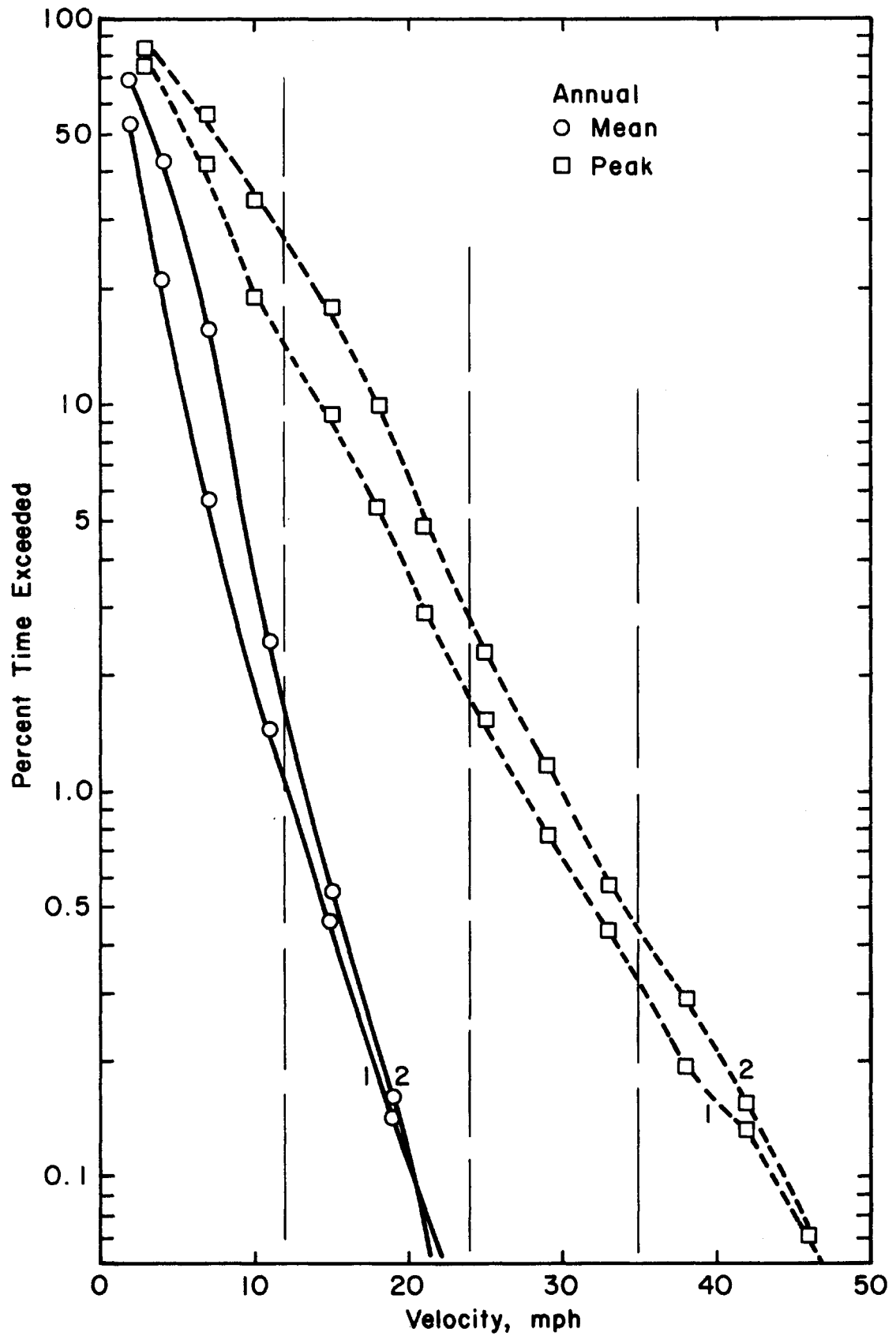


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

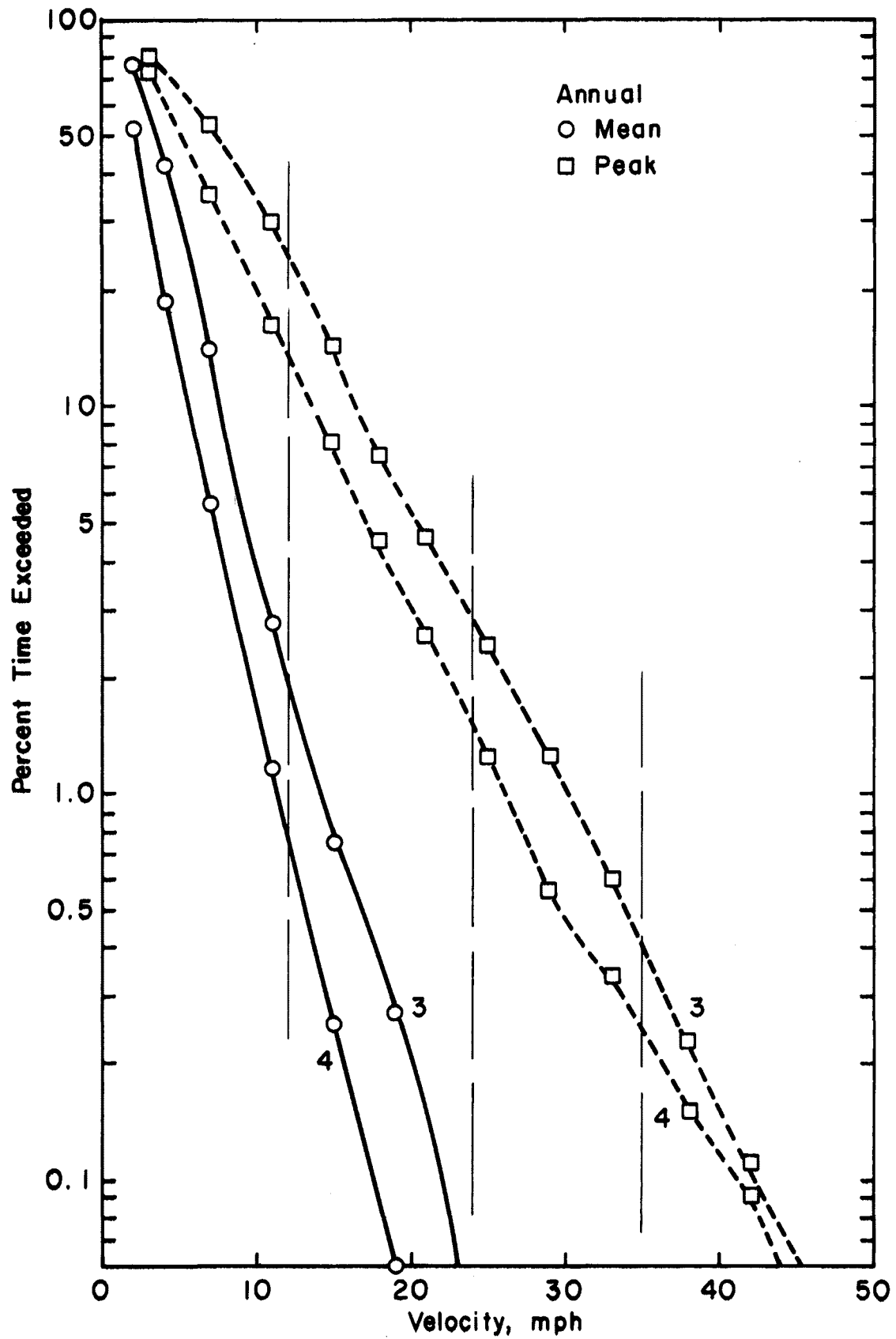


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

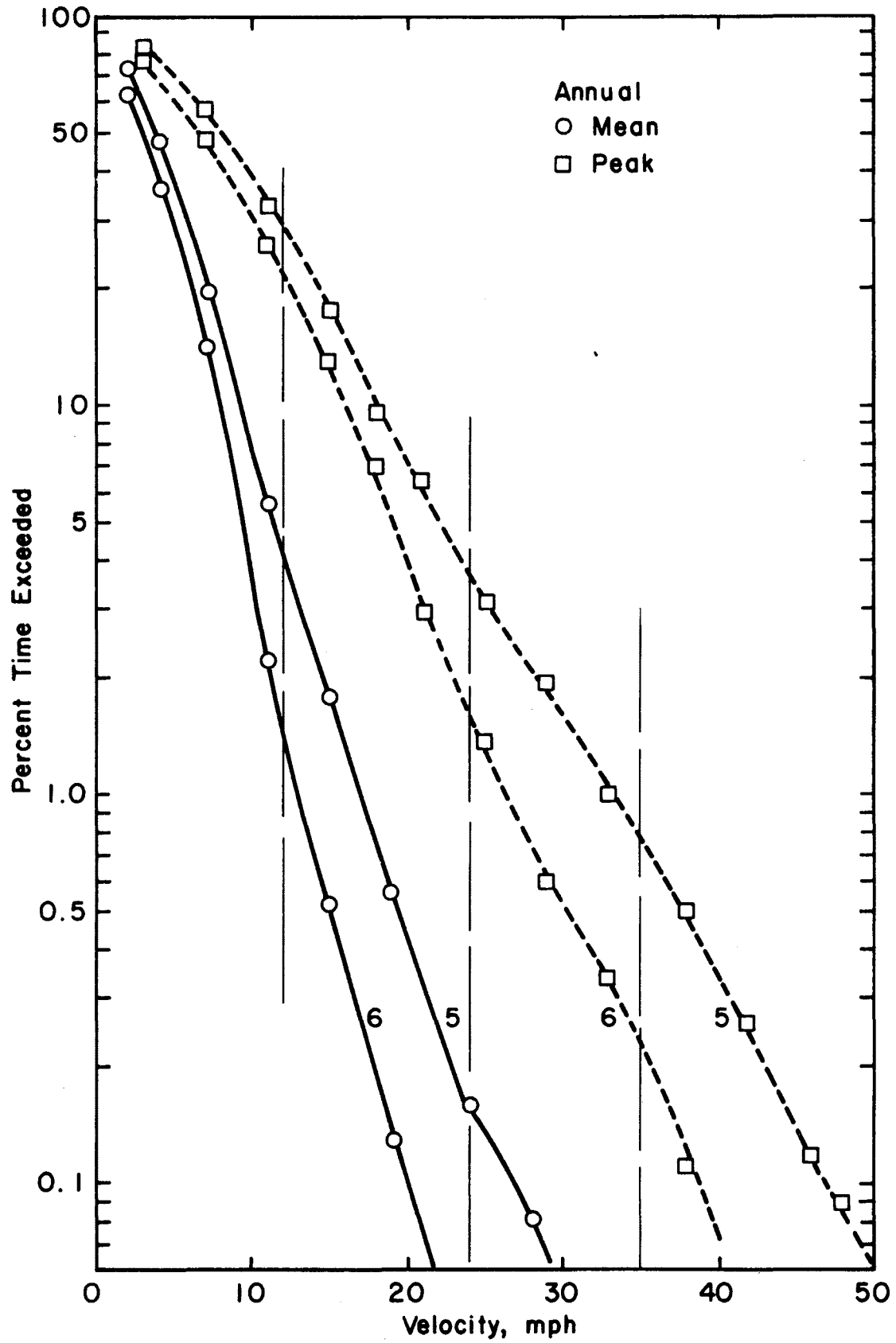


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

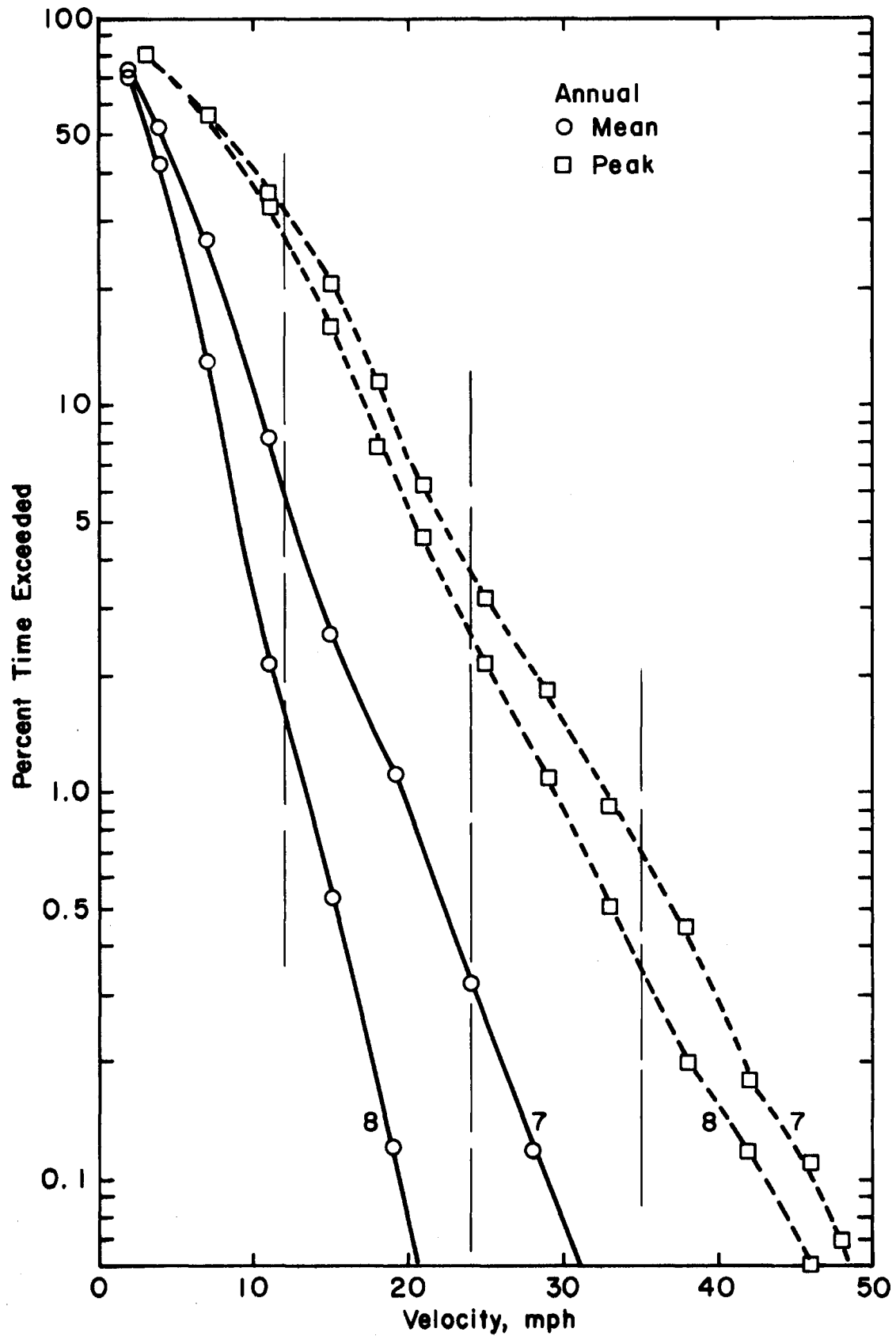


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations



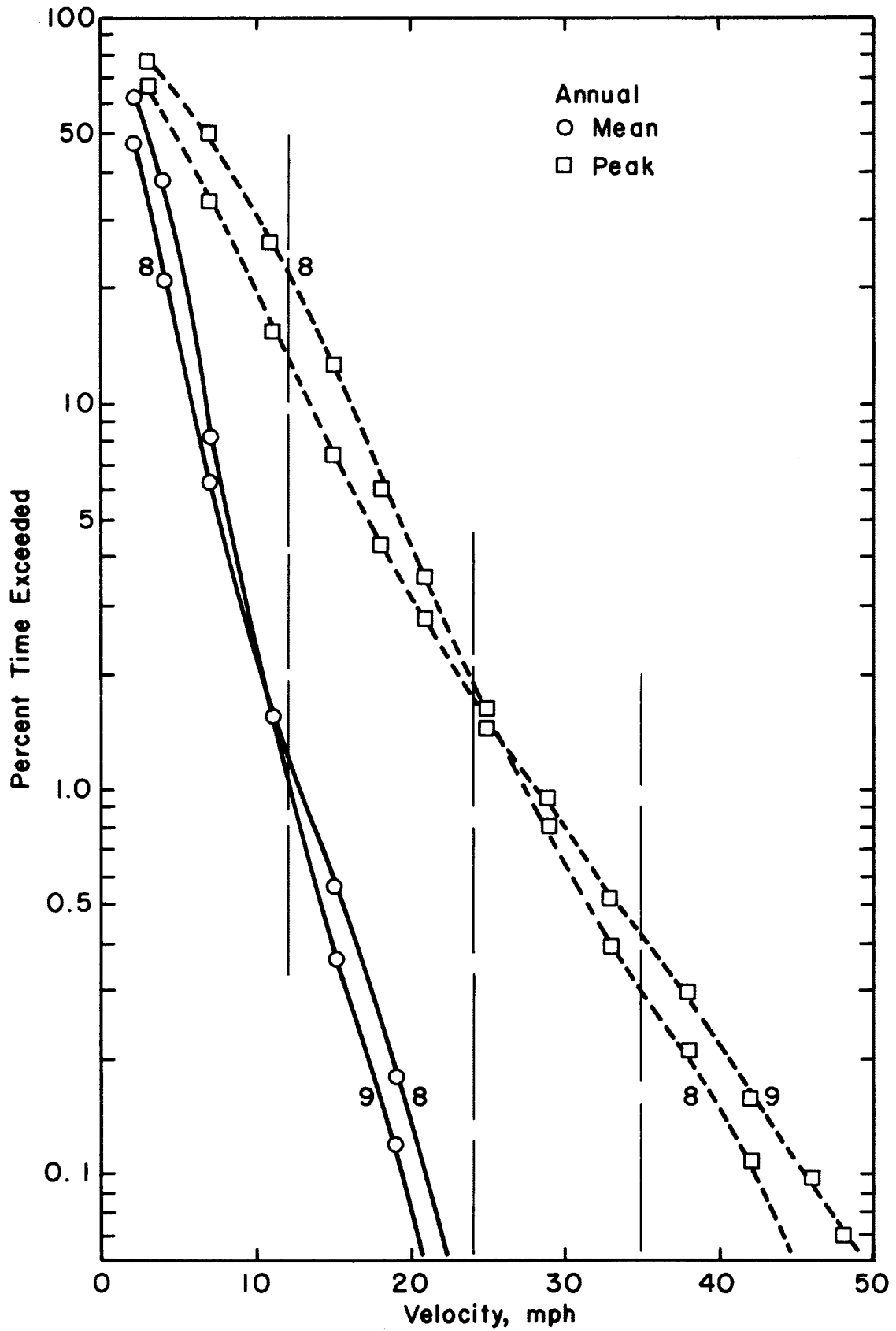


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

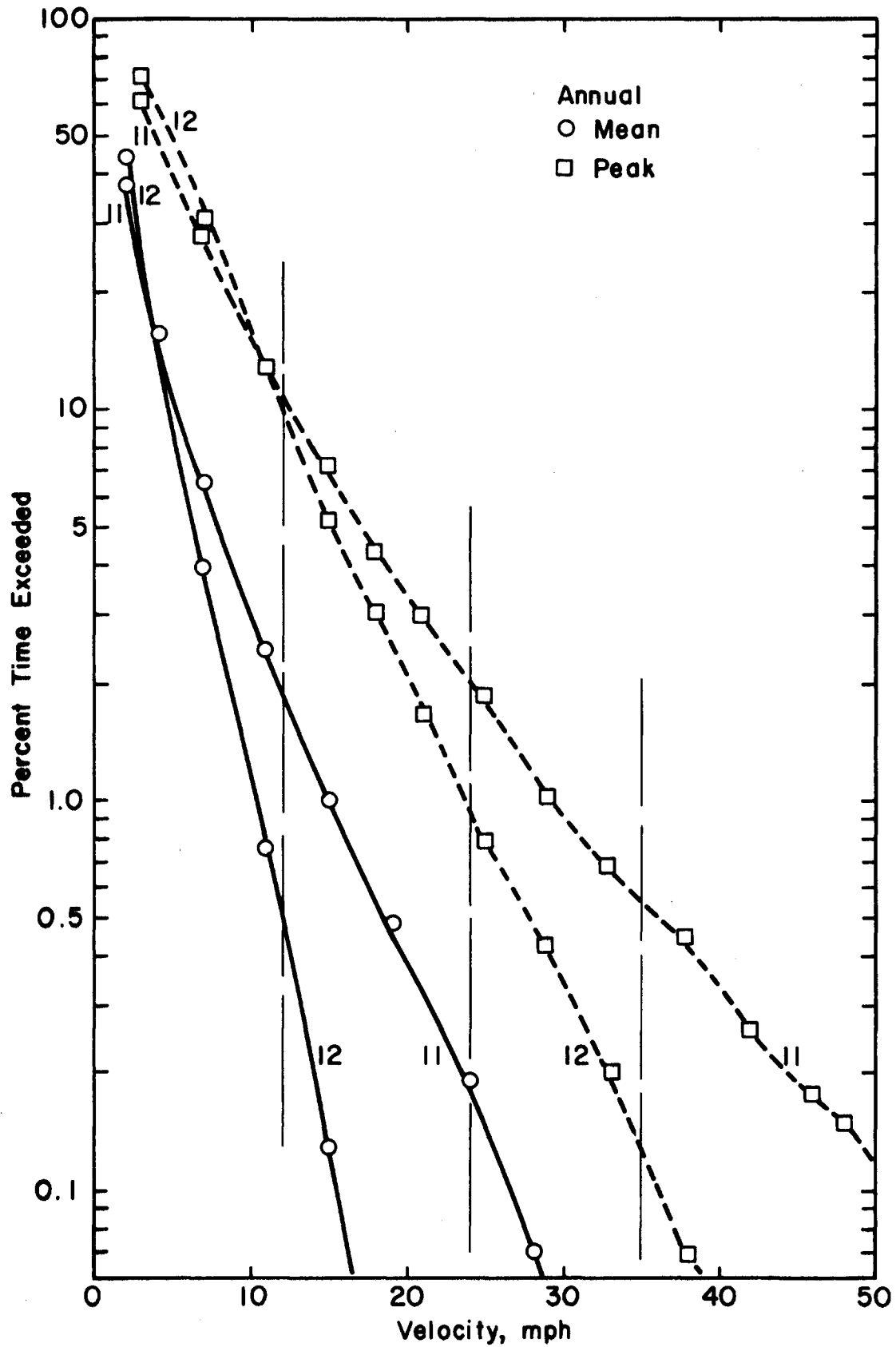


Figure 9f. Wind Velocity Probabilities for Pedestrian Locations

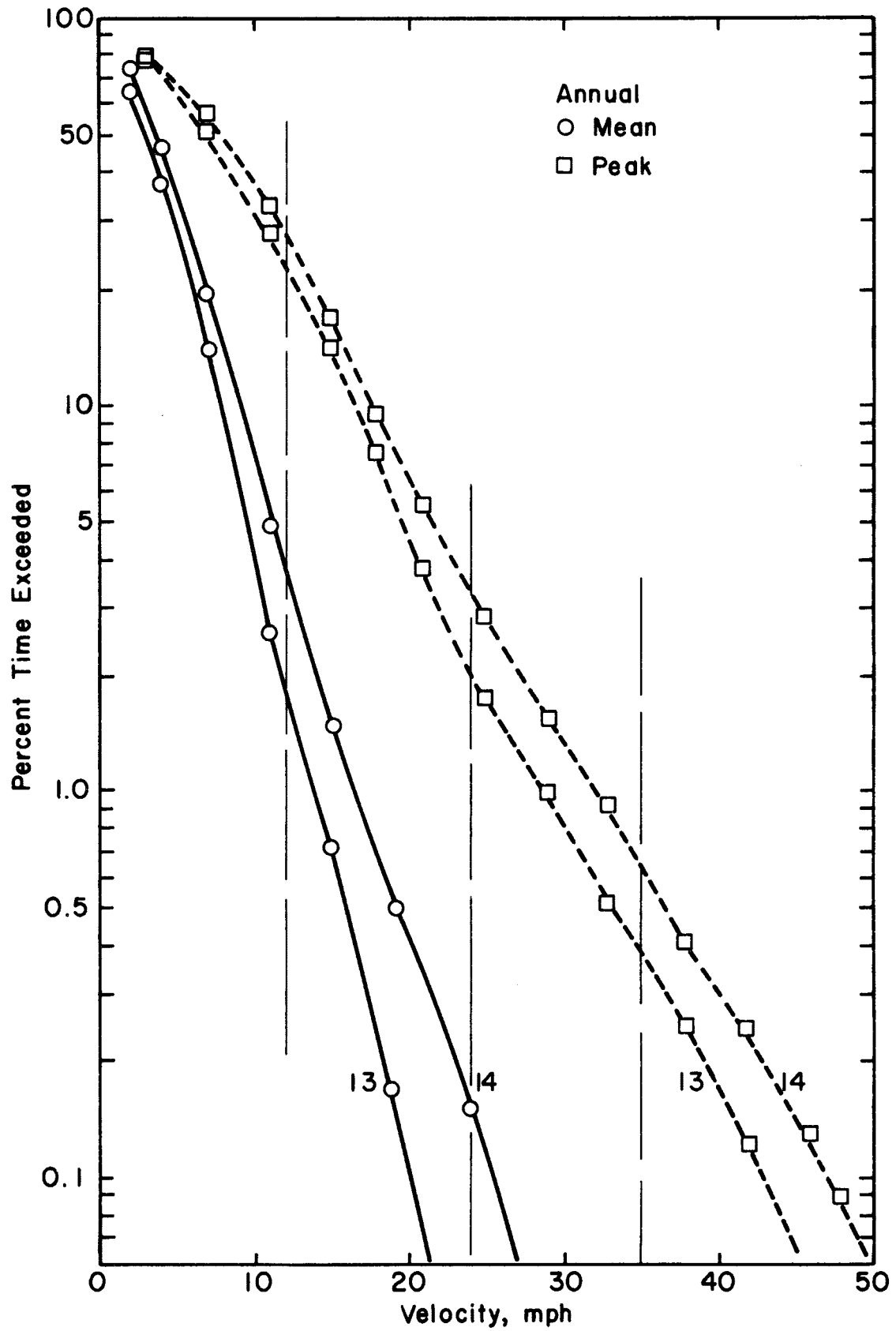


Figure 9g. Wind Velocity Probabilities for Pedestrian Locations

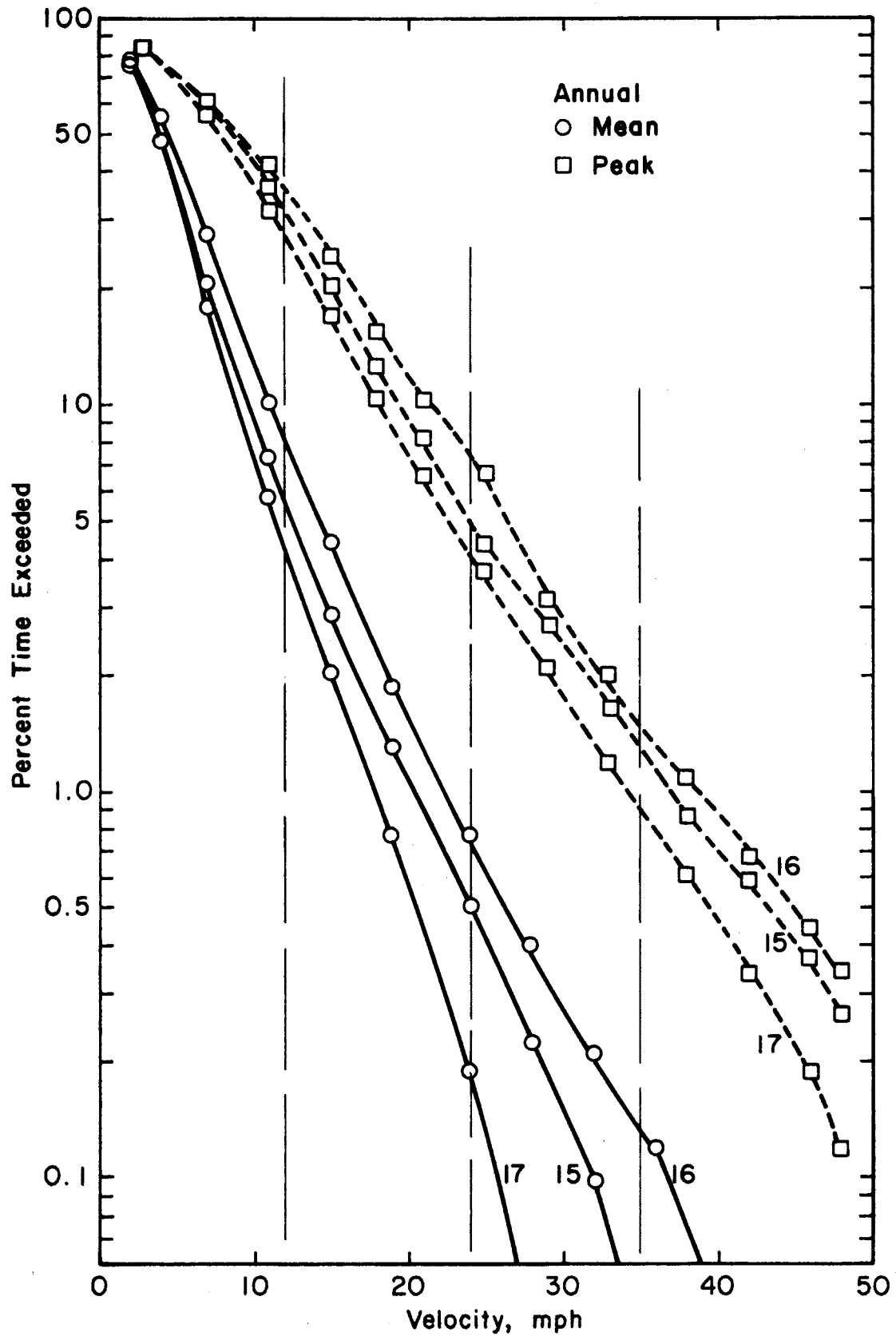
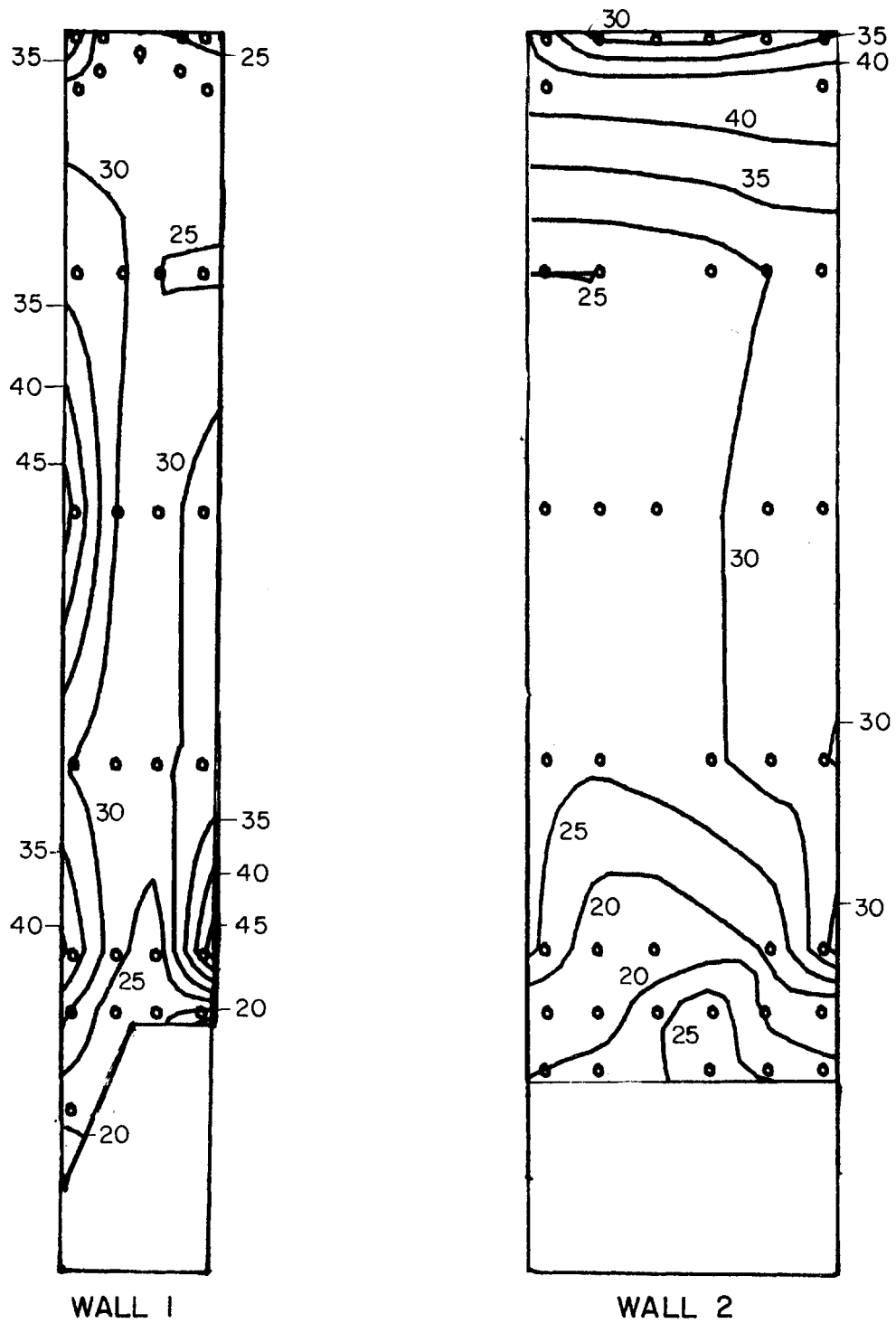
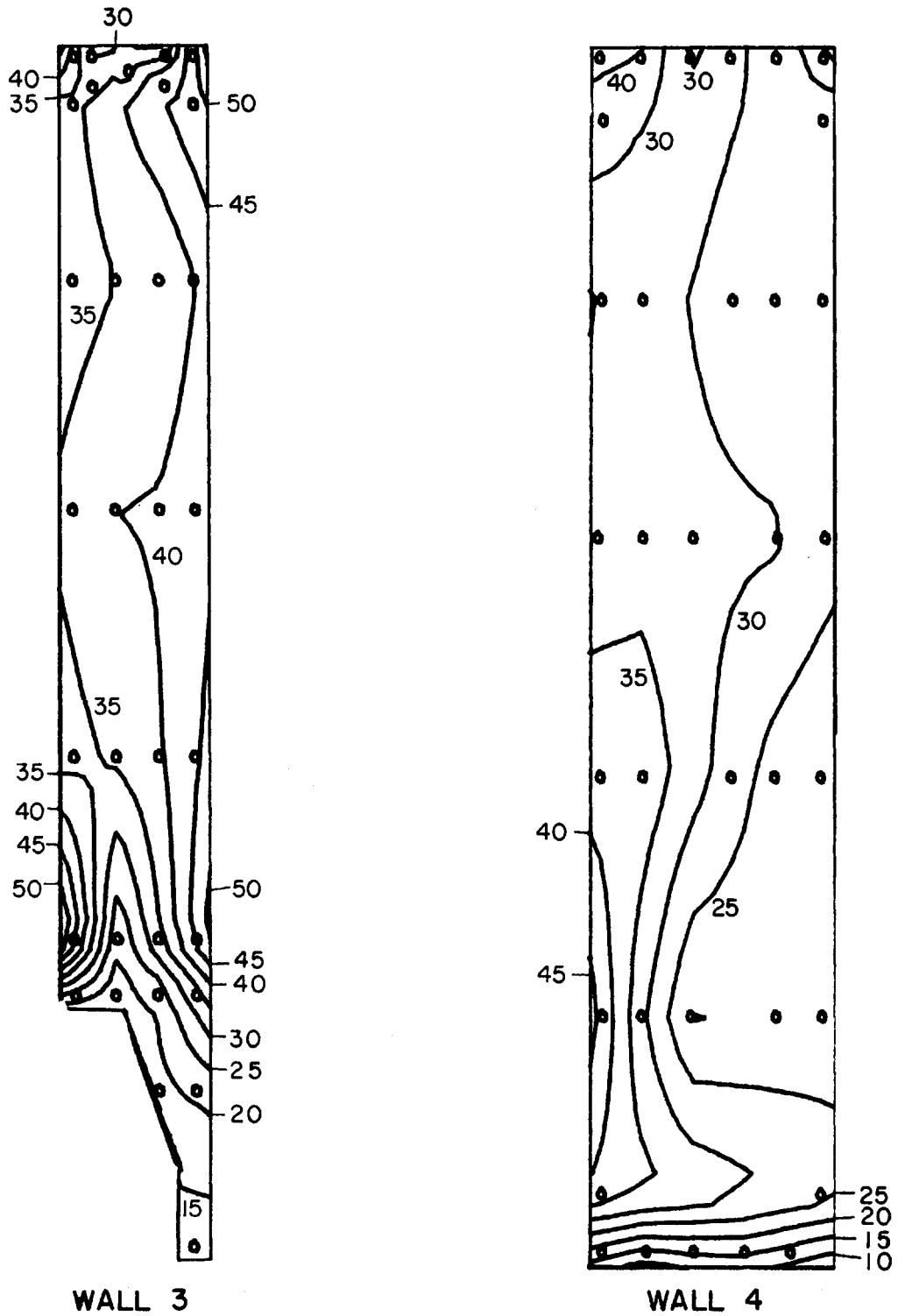


Figure 9h. Wind Velocity Probabilities for Pedestrian Locations



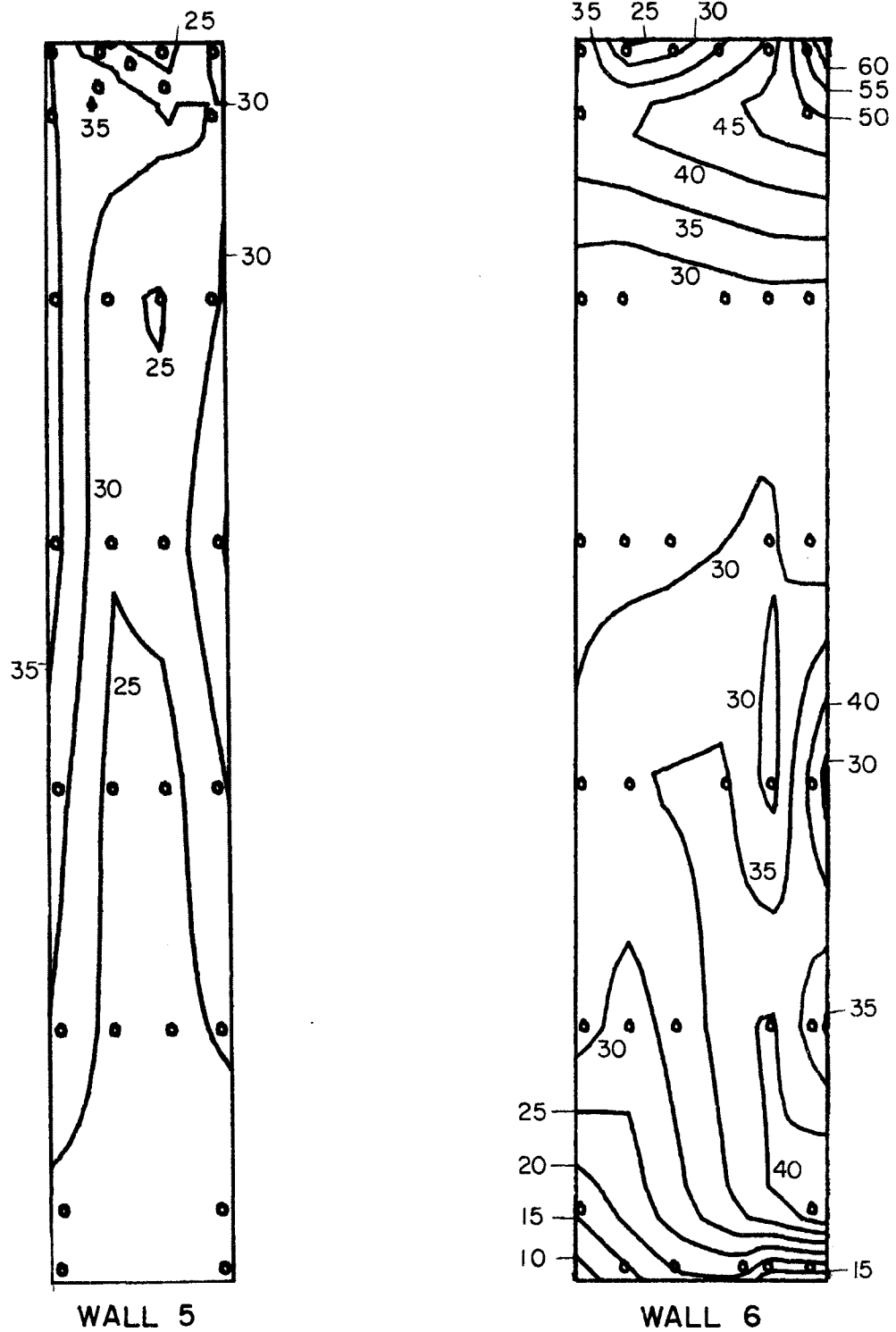
ONE DENVER PLACE  
WEST TOWER  
REFERENCE PRESSURE = 26 psf  
GLASS LOAD FACTOR = 0.73

Figure 10a. Peak-Pressure Contours on the Building for Glass Loads



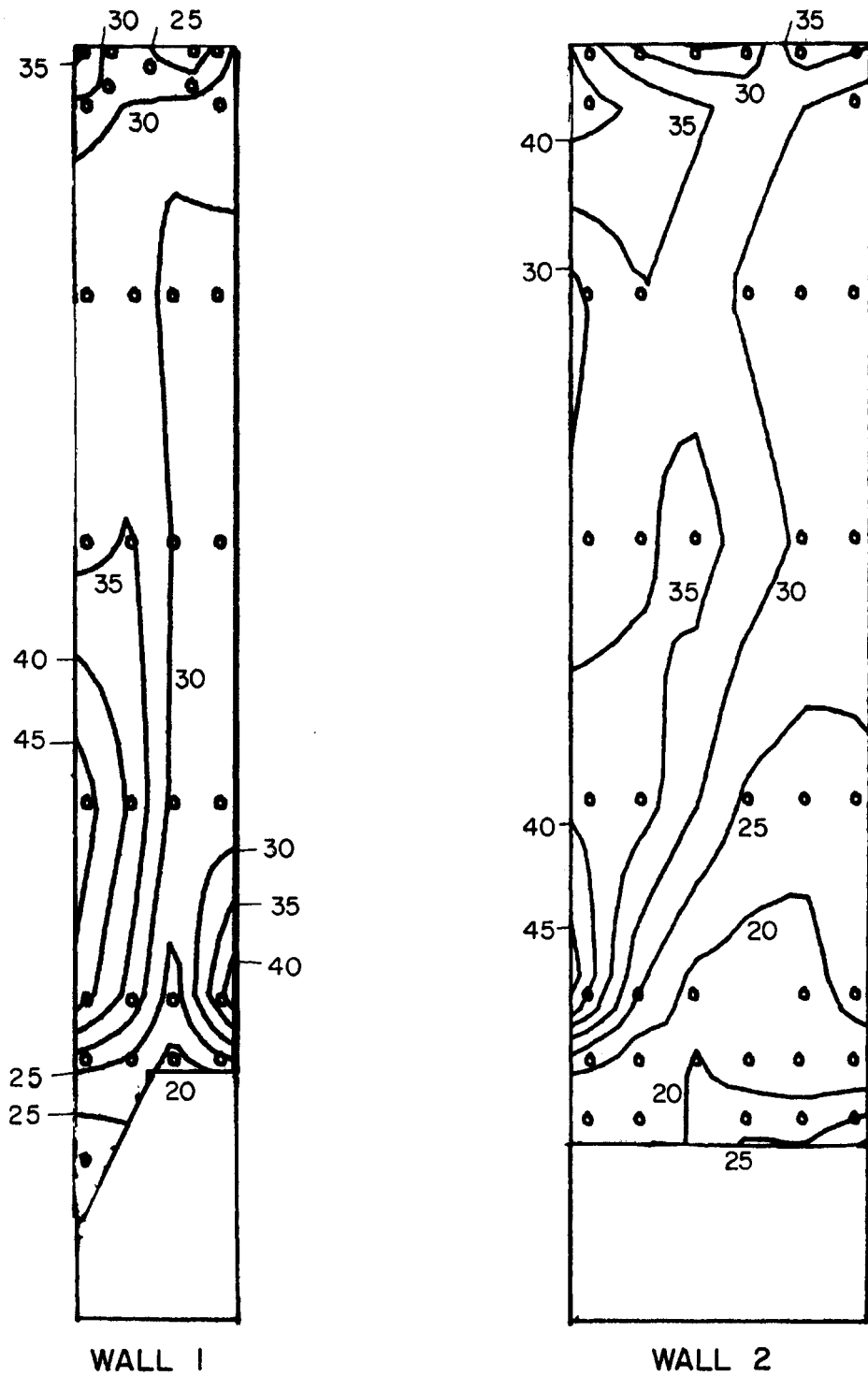
ONE DENVER PLACE  
 WEST TOWER  
 REFERENCE PRESSURE = 26 psf  
 GLASS LOAD FACTOR = 0.73

Figure 10b. Peak-Pressure Contours on the Building for Glass Loads



ONE DENVER PLACE  
 WEST TOWER  
 REFERENCE PRESSURE = 26 psf  
 GLASS LOAD FACTOR = 0.73

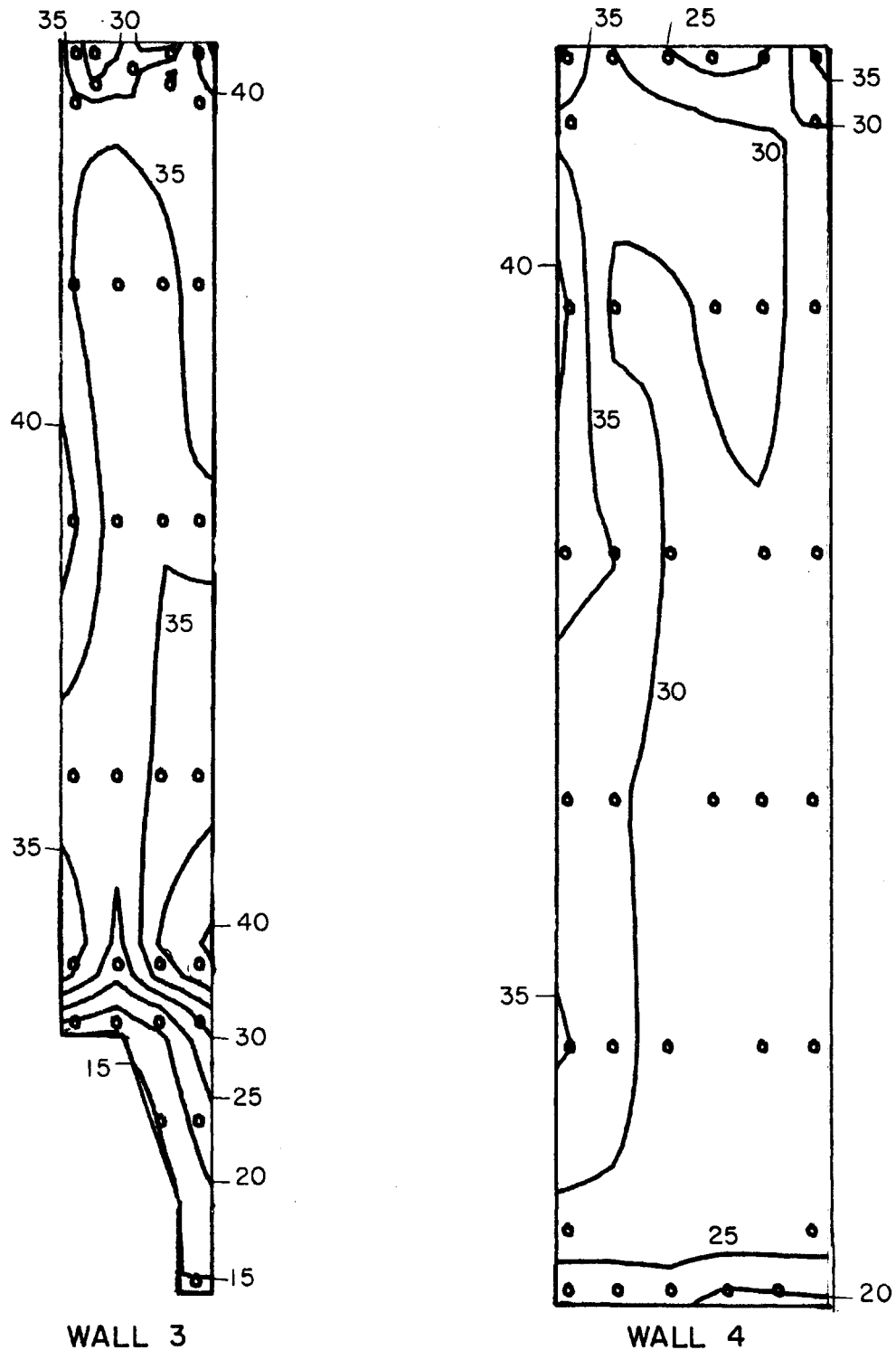
Figure 10c. Peak-Pressure Contours on the Building for Glass Loads



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EAST TOWER  
REFERENCE PRESSURE = 26 psf  
GLASS LOAD FACTOR = 0.73

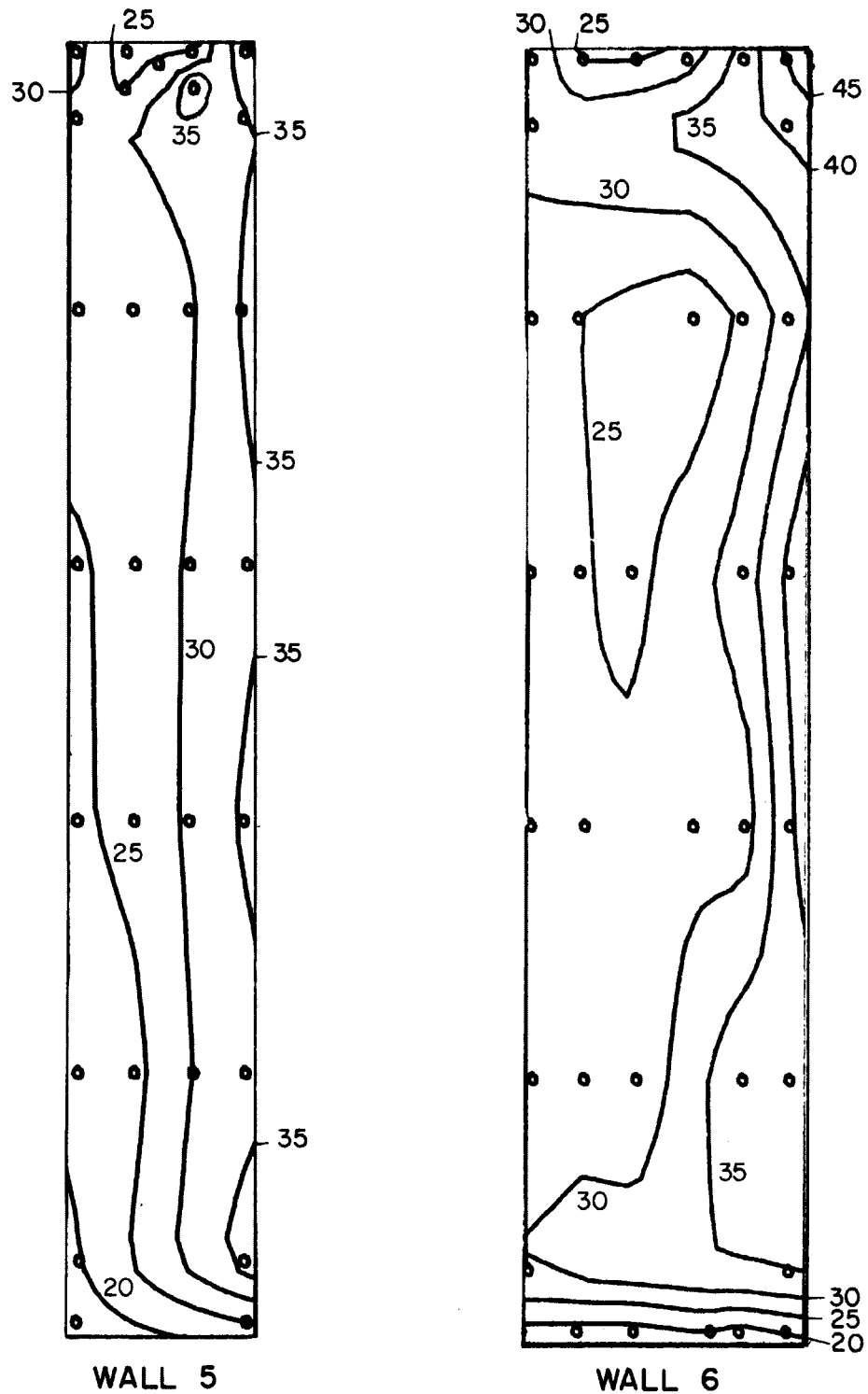
Figure 10d. Peak-Pressure Contours on the Building for Glass Loads





ONE DENVER PLACE  
 EAST TOWER  
 REFERENCE PRESSURE = 26 psf  
 GLASS LOAD FACTOR = 0.73

Figure 10e. Peak-Pressure Contours on the Building for Glass Loads



ONE DENVER PLACE  
EAST TOWER  
REFERENCE PRESSURE = 26 psf  
GLASS LOAD FACTOR = 0.73

Figure 10f. Peak-Pressure Contours on the Building for Glass Loads

## TABLES

TABLE 1

## MOTION PICTURE SCENE GUIDE

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

Length  $\approx$  470 ft

Running Time  $\approx$  13 min

TABLE 2 PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

ONE DENVER PLACE

## POSITION 1

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 17.6                | 10.9                   | 61.9                |
| 22.50           | 40.5                | 17.0                   | 41.9                |
| 45.00           | 32.2                | 12.2                   | 38.0                |
| 67.50           | 33.3                | 11.2                   | 33.7                |
| 90.00           | 20.2                | 9.8                    | 48.6                |
| 112.50          | 15.4                | 9.3                    | 60.3                |
| 135.00          | 17.8                | 8.3                    | 46.8                |
| 157.50          | 55.2                | 18.8                   | 34.0                |
| 180.00          | 28.0                | 18.1                   | 64.6                |
| 202.50          | 16.7                | 18.3                   | 61.6                |
| 225.00          | 8.9                 | 5.9                    | 66.8                |
| 247.50          | 18.4                | 10.8                   | 58.8                |
| 270.00          | 18.0                | 9.8                    | 54.4                |
| 292.50          | 16.7                | 10.7                   | 64.2                |
| 315.00          | 9.7                 | 6.1                    | 62.8                |
| 337.50          | 11.8                | 8.2                    | 68.9                |

## POSITION 2

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 18.9                | 11.9                   | 63.1                |
| 22.50           | 29.5                | 16.2                   | 54.9                |
| 45.00           | 38.5                | 16.9                   | 43.8                |
| 67.50           | 32.6                | 14.5                   | 44.4                |
| 90.00           | 48.6                | 16.2                   | 33.2                |
| 112.50          | 37.4                | 16.6                   | 44.5                |
| 135.00          | 24.1                | 15.2                   | 63.2                |
| 157.50          | 21.3                | 9.2                    | 43.3                |
| 180.00          | 42.4                | 17.3                   | 40.7                |
| 202.50          | 42.2                | 14.1                   | 33.5                |
| 225.00          | 39.1                | 13.5                   | 34.4                |
| 247.50          | 18.0                | 10.3                   | 57.1                |
| 270.00          | 24.5                | 14.9                   | 61.0                |
| 292.50          | 13.8                | 8.4                    | 61.2                |
| 315.00          | 19.2                | 12.0                   | 62.7                |
| 337.50          | 45.2                | 19.1                   | 42.1                |

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## POSITION 3

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 27.7                | 13.9                   | 50.2                |
| 22.50           | 31.5                | 18.7                   | 59.4                |
| 45.00           | 40.9                | 13.9                   | 34.0                |
| 67.50           | 53.9                | 11.3                   | 21.0                |
| 90.00           | 44.3                | 10.7                   | 24.2                |
| 112.50          | 48.8                | 10.0                   | 20.5                |
| 135.00          | 33.6                | 10.4                   | 30.9                |
| 157.50          | 10.2                | 6.5                    | 63.5                |
| 180.00          | 25.3                | 11.4                   | 45.2                |
| 202.50          | 35.9                | 13.3                   | 37.0                |
| 225.00          | 37.4                | 11.4                   | 30.3                |
| 247.50          | 46.6                | 14.4                   | 31.0                |
| 270.00          | 27.1                | 13.7                   | 50.5                |
| 292.50          | 29.9                | 10.8                   | 38.0                |
| 315.00          | 29.1                | 18.6                   | 63.8                |
| 337.50          | 46.0                | 22.4                   | 48.7                |

## POSITION 4

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 26.8                | 14.3                   | 53.4                |
| 22.50           | 32.9                | 19.3                   | 58.7                |
| 45.00           | 16.0                | 9.7                    | 60.2                |
| 67.50           | 33.3                | 17.4                   | 52.1                |
| 90.00           | 50.6                | 12.3                   | 24.3                |
| 112.50          | 53.2                | 18.3                   | 34.4                |
| 135.00          | 32.6                | 15.3                   | 46.8                |
| 157.50          | 11.8                | 8.0                    | 67.9                |
| 180.00          | 13.2                | 7.1                    | 54.1                |
| 202.50          | 15.5                | 7.6                    | 49.1                |
| 225.00          | 16.3                | 7.3                    | 45.0                |
| 247.50          | 23.2                | 12.9                   | 55.6                |
| 270.00          | 13.2                | 9.3                    | 70.8                |
| 292.50          | 12.6                | 8.0                    | 63.7                |
| 315.00          | 24.4                | 14.4                   | 59.0                |
| 337.50          | 26.1                | 14.8                   | 56.8                |

TABLE 2 PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

## ONE DENVER PLACE

## POSITION 5

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 38.5                | 12.7                   | 33.1                |
| 22.50           | 57.9                | 17.4                   | 30.1                |
| 45.00           | 35.8                | 13.4                   | 37.4                |
| 67.50           | 23.9                | 12.9                   | 54.0                |
| 90.00           | 27.4                | 15.6                   | 57.1                |
| 112.50          | 33.6                | 17.1                   | 51.1                |
| 135.00          | 51.1                | 12.8                   | 25.0                |
| 157.50          | 18.5                | 10.7                   | 58.0                |
| 180.00          | 32.7                | 11.9                   | 36.5                |
| 202.50          | 37.6                | 13.1                   | 35.0                |
| 225.00          | 30.8                | 13.8                   | 44.8                |
| 247.50          | 27.4                | 15.1                   | 54.9                |
| 270.00          | 28.3                | 14.8                   | 52.3                |
| 292.50          | 35.2                | 15.2                   | 43.2                |
| 315.00          | 58.5                | 15.5                   | 26.6                |
| 337.50          | 66.5                | 12.5                   | 18.8                |

## POSITION 6

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 19.8                | 11.4                   | 57.6                |
| 22.50           | 18.9                | 9.2                    | 48.7                |
| 45.00           | 18.8                | 9.5                    | 50.3                |
| 67.50           | 14.1                | 6.9                    | 48.8                |
| 90.00           | 32.6                | 14.4                   | 44.1                |
| 112.50          | 42.0                | 13.5                   | 32.0                |
| 135.00          | 13.8                | 8.7                    | 63.4                |
| 157.50          | 20.0                | 9.2                    | 45.8                |
| 180.00          | 44.9                | 12.6                   | 28.1                |
| 202.50          | 48.5                | 13.7                   | 28.2                |
| 225.00          | 32.0                | 13.2                   | 41.1                |
| 247.50          | 14.0                | 11.1                   | 79.3                |
| 270.00          | 20.6                | 13.6                   | 66.2                |
| 292.50          | 28.0                | 13.9                   | 49.6                |
| 315.00          | 22.8                | 13.0                   | 57.0                |
| 337.50          | 14.2                | 8.3                    | 58.7                |

## POSITION 7

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 61.8                | 13.7                   | 22.2                |
| 22.50           | 67.3                | 11.2                   | 16.7                |
| 45.00           | 59.5                | 10.5                   | 17.7                |
| 67.50           | 50.8                | 13.4                   | 26.3                |
| 90.00           | 65.7                | 12.7                   | 19.4                |
| 112.50          | 41.8                | 12.4                   | 29.6                |
| 135.00          | 17.8                | 9.7                    | 54.7                |
| 157.50          | 26.7                | 10.6                   | 39.8                |
| 180.00          | 41.0                | 13.9                   | 33.9                |
| 202.50          | 49.3                | 12.5                   | 25.4                |
| 225.00          | 38.7                | 10.9                   | 28.2                |
| 247.50          | 1.3                 | 1.0                    | 79.2                |
| 270.00          | 37.3                | 14.0                   | 37.6                |
| 292.50          | 22.6                | 12.5                   | 55.5                |
| 315.00          | 30.5                | 14.8                   | 48.7                |
| 337.50          | 32.9                | 12.6                   | 38.5                |

## POSITION 8

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 46.8                | 13.1                   | 27.9                |
| 22.50           | 37.0                | 13.2                   | 35.6                |
| 45.00           | 31.1                | 11.1                   | 35.8                |
| 67.50           | 32.1                | 11.9                   | 37.2                |
| 90.00           | 34.6                | 17.0                   | 49.1                |
| 112.50          | 27.6                | 11.6                   | 42.2                |
| 135.00          | 33.4                | 20.6                   | 61.6                |
| 157.50          | 30.6                | 12.3                   | 40.2                |
| 180.00          | 32.7                | 14.7                   | 45.1                |
| 202.50          | 36.3                | 14.1                   | 38.9                |
| 225.00          | 24.7                | 12.8                   | 51.6                |
| 247.50          | 23.1                | 11.0                   | 47.7                |
| 270.00          | 28.2                | 15.5                   | 54.9                |
| 292.50          | 23.3                | 13.7                   | 59.0                |
| 315.00          | 17.5                | 11.4                   | 64.9                |
| 337.50          | 43.0                | 23.6                   | 54.8                |

TABLE 2 PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE DENVER PLACE

POSITION 9

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 16.8                | 9.8                    | 57.9                |
| 22.50           | 13.4                | 7.7                    | 57.4                |
| 45.00           | 26.8                | 12.7                   | 47.5                |
| 67.50           | 23.4                | 15.4                   | 65.6                |
| 90.00           | 47.4                | 16.4                   | 34.6                |
| 112.50          | 44.3                | 13.3                   | 30.1                |
| 135.00          | 34.6                | 20.9                   | 60.5                |
| 157.50          | 13.1                | 7.9                    | 59.9                |
| 180.00          | 32.9                | 15.0                   | 45.6                |
| 202.50          | 25.4                | 16.0                   | 62.9                |
| 225.00          | 41.6                | 13.4                   | 32.3                |
| 247.50          | 15.4                | 10.3                   | 66.7                |
| 270.00          | 25.6                | 13.6                   | 53.3                |
| 292.50          | 37.7                | 14.3                   | 38.1                |
| 315.00          | 18.7                | 11.1                   | 59.6                |
| 337.50          | 23.1                | 11.2                   | 48.3                |

POSITION 10

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 25.5                | 9.8                    | 38.5                |
| 22.50           | 27.6                | 9.6                    | 34.9                |
| 45.00           | 15.2                | 7.5                    | 49.4                |
| 67.50           | 16.0                | 9.6                    | 60.2                |
| 90.00           | 35.0                | 14.7                   | 41.8                |
| 112.50          | 33.3                | 12.3                   | 36.9                |
| 135.00          | 38.9                | 20.6                   | 52.9                |
| 157.50          | 13.1                | 8.6                    | 65.4                |
| 180.00          | 7.3                 | 4.4                    | 59.8                |
| 202.50          | 20.0                | 10.5                   | 52.6                |
| 225.00          | 16.4                | 10.3                   | 62.8                |
| 247.50          | 16.0                | 11.1                   | 69.8                |
| 270.00          | 32.8                | 15.2                   | 46.1                |
| 292.50          | 46.8                | 17.5                   | 37.4                |
| 315.00          | 21.6                | 11.5                   | 53.2                |
| 337.50          | 35.4                | 12.3                   | 34.7                |

POSITION 11

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 68.8                | 20.6                   | 29.9                |
| 22.50           | 25.4                | 16.4                   | 64.7                |
| 45.00           | 41.2                | 14.8                   | 35.8                |
| 67.50           | 18.2                | 11.5                   | 63.3                |
| 90.00           | 13.1                | 7.2                    | 54.9                |
| 112.50          | 22.9                | 10.6                   | 46.2                |
| 135.00          | 39.0                | 12.8                   | 32.9                |
| 157.50          | 26.2                | 9.8                    | 37.4                |
| 180.00          | 5.9                 | 3.5                    | 59.7                |
| 202.50          | 13.6                | 10.0                   | 73.4                |
| 225.00          | 10.8                | 7.3                    | 67.4                |
| 247.50          | 7.0                 | 4.8                    | 67.8                |
| 270.00          | 14.6                | 8.8                    | 60.2                |
| 292.50          | 15.4                | 9.0                    | 58.6                |
| 315.00          | 7.2                 | 4.5                    | 62.1                |
| 337.50          | 15.1                | 9.6                    | 63.8                |

POSITION 12

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 22.9                | 12.6                   | 55.3                |
| 22.50           | 17.0                | 10.7                   | 62.7                |
| 45.00           | 37.2                | 20.4                   | 55.0                |
| 67.50           | 25.5                | 12.2                   | 48.1                |
| 90.00           | 38.2                | 11.6                   | 30.3                |
| 112.50          | 25.3                | 13.0                   | 51.1                |
| 135.00          | 25.3                | 12.6                   | 49.9                |
| 157.50          | 16.7                | 9.6                    | 57.2                |
| 180.00          | 13.1                | 8.9                    | 67.6                |
| 202.50          | 11.2                | 6.5                    | 58.7                |
| 225.00          | 14.3                | 7.5                    | 52.3                |
| 247.50          | 12.0                | 8.4                    | 70.0                |
| 270.00          | 21.5                | 10.1                   | 47.3                |
| 292.50          | 31.1                | 11.6                   | 37.4                |
| 315.00          | 14.0                | 7.5                    | 53.5                |
| 337.50          | 29.7                | 12.1                   | 40.9                |

TABLE 2 PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE DENVER PLACE

POSITION 13

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 16.1                | 8.9                    | 55.4                |
| 22.50           | 18.9                | 12.6                   | 66.8                |
| 45.00           | 40.6                | 16.8                   | 41.3                |
| 67.50           | 43.5                | 13.3                   | 30.5                |
| 90.00           | 59.9                | 12.3                   | 20.5                |
| 112.50          | 40.3                | 14.2                   | 35.3                |
| 135.00          | 37.9                | 15.7                   | 41.5                |
| 157.50          | 17.7                | 9.1                    | 51.5                |
| 180.00          | 42.2                | 18.0                   | 42.7                |
| 202.50          | 37.1                | 13.1                   | 35.4                |
| 225.00          | 35.1                | 11.4                   | 32.5                |
| 247.50          | 30.3                | 14.1                   | 46.6                |
| 270.00          | 13.5                | 9.3                    | 68.4                |
| 292.50          | 16.5                | 7.7                    | 46.7                |
| 315.00          | 15.7                | 10.7                   | 68.2                |
| 337.50          | 17.7                | 9.4                    | 53.1                |

POSITION 14

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 23.9                | 13.2                   | 55.2                |
| 22.50           | 28.4                | 14.6                   | 51.5                |
| 45.00           | 28.5                | 12.1                   | 42.7                |
| 67.50           | 24.2                | 9.9                    | 40.7                |
| 90.00           | 37.0                | 14.9                   | 40.2                |
| 112.50          | 57.1                | 16.6                   | 29.1                |
| 135.00          | 63.3                | 12.8                   | 20.1                |
| 157.50          | 23.1                | 8.9                    | 38.7                |
| 180.00          | 34.2                | 12.6                   | 36.9                |
| 202.50          | 42.9                | 13.0                   | 30.4                |
| 225.00          | 44.6                | 15.1                   | 34.0                |
| 247.50          | 21.0                | 10.4                   | 49.4                |
| 270.00          | 45.0                | 16.3                   | 36.2                |
| 292.50          | 49.2                | 13.3                   | 27.0                |
| 315.00          | 46.1                | 15.5                   | 33.6                |
| 337.50          | 36.1                | 12.8                   | 35.6                |

POSITION 15

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 26.8                | 11.7                   | 43.5                |
| 22.50           | 49.6                | 21.1                   | 42.5                |
| 45.00           | 43.9                | 16.5                   | 37.6                |
| 67.50           | 30.8                | 11.4                   | 37.0                |
| 90.00           | 51.0                | 17.2                   | 33.8                |
| 112.50          | 71.1                | 14.4                   | 20.3                |
| 135.00          | 62.5                | 14.1                   | 22.6                |
| 157.50          | 21.4                | 9.0                    | 42.1                |
| 180.00          | 31.3                | 13.1                   | 42.0                |
| 202.50          | 34.2                | 15.5                   | 45.4                |
| 225.00          | 48.5                | 15.8                   | 32.5                |
| 247.50          | 20.6                | 11.3                   | 54.8                |
| 270.00          | 50.8                | 14.0                   | 27.6                |
| 292.50          | 68.7                | 15.0                   | 21.8                |
| 315.00          | 51.6                | 15.2                   | 29.5                |
| 337.50          | 32.0                | 15.1                   | 47.3                |

POSITION 16

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 30.0                | 13.2                   | 43.9                |
| 22.50           | 49.2                | 19.9                   | 40.5                |
| 45.00           | 45.2                | 17.0                   | 37.5                |
| 67.50           | 34.1                | 14.3                   | 41.9                |
| 90.00           | 63.7                | 19.2                   | 30.1                |
| 112.50          | 81.6                | 15.1                   | 18.5                |
| 135.00          | 77.0                | 14.2                   | 18.4                |
| 157.50          | 29.9                | 10.4                   | 34.9                |
| 180.00          | 40.5                | 14.5                   | 35.9                |
| 202.50          | 37.1                | 14.1                   | 38.1                |
| 225.00          | 49.1                | 16.5                   | 33.7                |
| 247.50          | 14.7                | 7.9                    | 54.2                |
| 270.00          | 52.8                | 16.8                   | 31.8                |
| 292.50          | 77.4                | 13.1                   | 17.0                |
| 315.00          | 59.1                | 13.8                   | 23.3                |
| 337.50          | 45.8                | 15.3                   | 33.3                |



TABLE 2 PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE DENVER PLACE

POSITION 17

| WIND<br>AZIMUTH | U/UINF<br>(PERCENT) | URMS/UINF<br>(PERCENT) | URMS/U<br>(PERCENT) |
|-----------------|---------------------|------------------------|---------------------|
| 0.00            | 34.2                | 14.1                   | 41.3                |
| 22.50           | 57.4                | 19.5                   | 34.0                |
| 45.00           | 50.3                | 16.5                   | 32.8                |
| 67.50           | 31.3                | 13.1                   | 41.9                |
| 90.00           | 53.6                | 16.2                   | 30.2                |
| 112.50          | 47.8                | 14.7                   | 30.7                |
| 135.00          | 44.7                | 15.6                   | 34.8                |
| 157.50          | 16.8                | 8.7                    | 52.0                |
| 180.00          | 27.1                | 12.3                   | 45.3                |
| 202.50          | 33.5                | 13.6                   | 40.6                |
| 225.00          | 29.0                | 12.8                   | 44.1                |
| 247.50          | 14.1                | 6.0                    | 42.4                |
| 270.00          | 37.0                | 12.0                   | 32.4                |
| 292.50          | 52.6                | 13.4                   | 25.4                |
| 315.00          | 50.6                | 15.7                   | 31.0                |
| 337.50          | 43.1                | 13.9                   | 32.3                |

TABLE 3

## ANNUAL PERCENTAGE FREQUENCIES OF WIND DIRECTION AND SPEED

Based on Summary of Hourly Observations

Stapleton Airfield, Denver

1951-1960

Anemometer Elevation = 72 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                | 1.1        | 1.9        | 2.0         | 1.1          | 0.3          | 0.2          | 0.1          |              | 6.7          |
| NNE              | 0.7        | 1.4        | 1.1         | 0.9          | 0.2          | 0.1          | 0.1          |              | 4.5          |
| NE               | 1.1        | 1.9        | 1.7         | 0.9          | 0.2          | 0.1          |              |              | 5.9          |
| ENE              | 0.8        | 1.2        | 1.1         | 0.5          | 0.2          | 0.1          |              |              | 3.9          |
| E                | 1.1        | 1.3        | 1.3         | 0.5          | 0.1          |              |              |              | 4.3          |
| ESE              | 0.8        | 1.1        | 1.1         | 0.4          | 0.1          |              |              |              | 3.5          |
| SE               | 1.1        | 2.1        | 2.0         | 0.7          | 0.1          |              |              |              | 6.0          |
| SSE              | 1.1        | 2.1        | 2.1         | 1.0          | 0.4          | 0.2          |              |              | 6.9          |
| S                | 2.1        | 5.1        | 7.1         | 3.7          | 0.6          | 0.2          |              |              | 18.8         |
| SSW              | 1.1        | 3.4        | 3.9         | 1.7          | 0.1          |              |              |              | 10.2         |
| SW               | 1.2        | 2.3        | 1.5         | 0.4          | 0.1          |              |              |              | 5.5          |
| WSW              | 0.9        | 1.0        | 0.7         | 0.2          | 0.1          | 0.1          |              |              | 3.0          |
| W                | 0.8        | 1.2        | 0.7         | 0.6          | 0.4          | 0.2          | 0.1          | 0.1          | 4.1          |
| WNW              | 0.8        | 0.9        | 1.0         | 1.0          | 0.5          | 0.4          | 0.1          |              | 4.7          |
| NW               | 1.3        | 1.8        | 1.5         | 1.2          | 0.5          | 0.2          |              |              | 6.5          |
| NNW              | 0.9        | 1.7        | 1.7         | 0.9          | 0.2          | 0.1          |              |              | 5.5          |
| Total            | 16.9       | 30.4       | 30.5        | 15.7         | 4.1          | 1.9          | 0.4          | 0.1          | 100.0        |

TABLE 4  
SUMMARY OF WIND EFFECTS ON PEOPLE

|                 | <u>Beaufort<br/>number</u> | <u>Speed<br/>(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<br>Hair is disturbed<br>Clothing flaps                                                                                                         |
| Moderate breeze | 4                          | 13-18                  | Raises dust, dry soil and<br>loose paper<br>Hair disarranged                                                                                                           |
| Fresh breeze    | 5                          | 19-24                  | Force of wind felt on body<br>Drifting snow becomes airborne<br>Limit of agreeable wind on<br>land                                                                     |
| Strong breeze   | 6                          | 25-31                  | Umbrellas used with difficulty<br>Hair blown straight<br>Difficult to walk steadily<br>Wind noise on ears unpleasant<br>Windborne snow above head<br>height (blizzard) |
| Near gale       | 7                          | 32-38                  | Inconvenience felt when<br>walking                                                                                                                                     |
| Gale            | 8                          | 39-46                  | Generally impedes progress<br>Great difficulty with balance<br>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 =  $63.0 \left(\frac{1000}{30}\right)^{.17} = 114.4$  mph

Wind tunnel reference velocity elevation = 1040 ft

Mean hourly reference velocity,  $U_{\infty} = 114.4 \left(\frac{1040}{1250}\right)^{.22} = 109.9$  mph

Reference pressure at 5000 ft =  $0.84 (0.00256)(109.9)^2 = \underline{\underline{26 \text{ psf}}}$

2. Conversion 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 = 90 mph

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

4. Gust load factors to convert hourly mean integrated loads to  
various gust durations (See sect. 4.4):

| <u>Duration, Sec</u> | <u>Gust Load Factor</u> |
|----------------------|-------------------------|
| 10 - 15              | $(1.4)^2 = 1.96$        |
| 30                   | $(1.32)^2 = 1.74$       |
| 45                   | $(1.26)^2 = 1.59$       |

TABLE 6 --

PEAK LOADS--  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF, GLASS LOAD FACTOR = 0.73

| TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD |
|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|
| 101  | 105          | 1.76           | 33.3        | 1127 | 195          | 1.10           | 21.0        | 1305 | 45           | 1.70           | 32.3        | 1423 | 60           | 1.09           | 20.6        |
| 102  | 45           | 1.42           | 27.1        | 1128 | 90           | 1.13           | 21.4        | 1306 | 105          | 1.73           | 32.9        | 1424 | 30           | 2.28           | 43.3        |
| 103  | 45           | 1.86           | 35.4        | 1129 | 45           | 1.00           | 19.0        | 1307 | 330          | 2.45           | 46.6        | 1425 | 30           | 1.64           | 31.2        |
| 104  | 0            | 2.21           | 42.0        | 1130 | 300          | 1.13           | 21.5        | 1308 | 105          | 1.78           | 33.9        | 1426 | 90           | 1.03           | 19.6        |
| 105  | 315          | 1.51           | 28.6        | 1201 | 180          | 1.97           | 37.4        | 1309 | 330          | 2.54           | 48.3        | 1427 | 210          | 1.13           | 21.4        |
| 106  | 315          | 1.76           | 33.4        | 1202 | 180          | 1.55           | 29.5        | 1310 | 330          | 1.72           | 32.6        | 1428 | 180          | 1.19           | 22.5        |
| 107  | 240          | 1.54           | 29.4        | 1203 | 90           | 1.51           | 28.6        | 1311 | 330          | 1.84           | 34.9        | 1429 | 90           | 2.04           | 38.7        |
| 108  | 180          | 1.54           | 29.2        | 1204 | 330          | 1.51           | 28.7        | 1312 | 330          | 1.85           | 35.1        | 1430 | 210          | 1.46           | 27.8        |
| 109  | 180          | 2.54           | 48.3        | 1205 | 0            | 1.69           | 32.2        | 1313 | 345          | 2.08           | 39.6        | 1431 | 105          | .93            | 17.8        |
| 110  | 225          | 1.19           | 22.6        | 1206 | 345          | 1.85           | 35.1        | 1314 | 330          | 1.95           | 37.0        | 1432 | 330          | .72            | 13.7        |
| 111  | 330          | 1.29           | 24.6        | 1207 | 180          | 2.24           | 42.5        | 1315 | 330          | 2.10           | 40.0        | 1433 | 135          | .82            | 15.6        |
| 112  | 315          | 1.41           | 26.8        | 1208 | 330          | 2.33           | 44.3        | 1316 | 330          | 2.14           | 40.6        | 1434 | 135          | .85            | 16.1        |
| 201  | 315          | 2.13           | 40.5        | 1209 | 180          | 1.31           | 25.0        | 1317 | 330          | 2.27           | 43.0        | 1435 | 195          | .69            | 13.1        |
| 202  | 315          | 1.57           | 29.8        | 1210 | 180          | 1.31           | 25.0        | 1318 | 330          | 1.77           | 33.6        | 1501 | 345          | 1.85           | 35.1        |
| 203  | 225          | 1.64           | 31.1        | 1211 | 180          | 1.42           | 27.0        | 1319 | 330          | 1.89           | 35.9        | 1502 | 345          | 1.41           | 26.7        |
| 204  | 165          | 2.10           | 39.8        | 1212 | 315          | 1.58           | 30.0        | 1320 | 45           | 2.08           | 39.5        | 1503 | 330          | 1.38           | 26.1        |
| 205  | 150          | 1.55           | 29.4        | 1213 | 330          | 1.60           | 30.4        | 1321 | 0            | 2.33           | 44.3        | 1504 | 15           | 1.38           | 26.3        |
| 206  | 150          | 1.92           | 36.4        | 1214 | 180          | 1.52           | 28.8        | 1322 | 90           | 2.56           | 48.7        | 1505 | 345          | 1.29           | 24.6        |
| 207  | 45           | 1.48           | 28.0        | 1215 | 180          | 1.34           | 26.0        | 1323 | 315          | 1.09           | 20.7        | 1506 | 135          | 1.24           | 23.6        |
| 208  | 15           | 1.80           | 34.1        | 1216 | 180          | 1.37           | 26.6        | 1324 | 330          | 1.80           | 34.3        | 1507 | 195          | 1.60           | 30.5        |
| 209  | 15           | 2.88           | 54.8        | 1217 | 330          | 1.72           | 32.7        | 1325 | 330          | 2.49           | 47.3        | 1508 | 345          | 1.93           | 36.7        |
| 210  | 30           | 1.30           | 24.6        | 1218 | 330          | 1.69           | 32.1        | 1326 | 345          | 1.20           | 22.8        | 1509 | 195          | 1.38           | 26.2        |
| 211  | 150          | 1.27           | 24.2        | 1219 | 180          | 1.38           | 26.1        | 1327 | 345          | .90            | 17.1        | 1510 | 330          | 1.85           | 35.2        |
| 212  | 150          | 1.30           | 24.8        | 1220 | 195          | 1.35           | 25.7        | 1328 | 345          | 1.09           | 20.8        | 1511 | 225          | 1.57           | 29.9        |
| 1101 | 210          | 1.93           | 36.7        | 1221 | 330          | 1.54           | 29.3        | 1329 | 330          | 1.71           | 32.5        | 1512 | 345          | 1.89           | 36.0        |
| 1102 | 225          | 1.42           | 27.0        | 1222 | 330          | 1.70           | 32.3        | 1330 | 330          | .98            | 18.5        | 1513 | 345          | 1.36           | 25.8        |
| 1103 | 330          | 1.58           | 30.0        | 1223 | 330          | 1.59           | 30.2        | 1331 | 345          | 1.09           | 20.7        | 1514 | 210          | 1.29           | 24.5        |
| 1104 | 315          | 1.60           | 30.4        | 1224 | 195          | 1.26           | 24.4        | 1332 | 330          | .63            | 12.0        | 1515 | 180          | 1.53           | 29.1        |
| 1105 | 135          | 1.25           | 23.8        | 1225 | 105          | .85            | 16.1        | 1401 | 30           | 2.17           | 41.2        | 1516 | 345          | 1.90           | 36.2        |
| 1106 | 210          | 1.55           | 29.5        | 1226 | 105          | .79            | 15.1        | 1402 | 30           | 2.10           | 39.9        | 1517 | 345          | 1.34           | 25.4        |
| 1107 | 330          | 1.25           | 23.7        | 1227 | 300          | 1.07           | 20.4        | 1403 | 45           | 1.54           | 29.2        | 1518 | 195          | 1.42           | 26.9        |
| 1108 | 210          | 1.47           | 27.9        | 1228 | 330          | 1.77           | 33.7        | 1404 | 45           | 1.71           | 32.5        | 1519 | 195          | 1.81           | 34.4        |
| 1109 | 60           | 1.50           | 28.5        | 1229 | 90           | .80            | 15.1        | 1405 | 45           | 1.35           | 25.7        | 1520 | 345          | 1.66           | 31.4        |
| 1110 | 210          | 1.72           | 32.7        | 1230 | 0            | .82            | 15.6        | 1406 | 225          | 1.76           | 33.5        | 1521 | 345          | 1.23           | 23.3        |
| 1111 | 210          | 1.62           | 30.8        | 1231 | 30           | 1.29           | 24.6        | 1407 | 45           | 1.95           | 37.0        | 1522 | 45           | 1.21           | 22.9        |
| 1112 | 225          | 1.30           | 24.7        | 1232 | 45           | 1.56           | 29.6        | 1408 | 225          | 1.35           | 25.6        | 1523 | 195          | 1.52           | 28.8        |
| 1113 | 60           | 1.29           | 24.5        | 1233 | 315          | .98            | 18.5        | 1409 | 60           | 1.59           | 30.2        | 1524 | 345          | 1.51           | 28.6        |
| 1114 | 180          | 2.33           | 44.3        | 1234 | 120          | 1.44           | 26.6        | 1410 | 45           | 1.70           | 32.4        | 1525 | 120          | 1.22           | 23.2        |
| 1115 | 270          | 1.53           | 29.1        | 1235 | 160          | 1.06           | 20.2        | 1411 | 45           | 1.45           | 27.7        | 1526 | 45           | 1.25           | 23.7        |
| 1116 | 60           | 1.44           | 27.4        | 1236 | 135          | 1.18           | 22.5        | 1412 | 45           | 1.35           | 25.6        | 1527 | 45           | 1.34           | 25.5        |
| 1117 | 90           | 1.71           | 32.6        | 1237 | 30           | 1.40           | 26.6        | 1413 | 45           | 1.37           | 26.0        | 1528 | 120          | 1.23           | 23.3        |
| 1118 | 210          | 1.54           | 29.3        | 1238 | 15           | 1.26           | 23.9        | 1414 | 75           | 1.71           | 32.5        | 1529 | 135          | 1.17           | 22.1        |
| 1119 | 210          | 1.41           | 26.8        | 1239 | 120          | 1.16           | 22.0        | 1415 | 30           | 1.72           | 32.7        | 1530 | 120          | 1.18           | 22.4        |
| 1120 | 60           | 1.59           | 30.1        | 1240 | 120          | 1.18           | 22.5        | 1416 | 30           | 1.66           | 31.5        | 1531 | 45           | .85            | 16.2        |
| 1121 | 60           | 1.52           | 29.9        | 1241 | 315          | .90            | 17.0        | 1417 | 45           | 1.61           | 30.6        | 1532 | 135          | 1.11           | 21.2        |
| 1122 | 210          | 2.03           | 38.5        | 1242 | 105          | 1.14           | 21.1        | 1418 | 45           | 1.45           | 27.8        | 1601 | 300          | 2.06           | 39.1        |
| 1123 | 195          | 1.40           | 26.6        | 1301 | 105          | 2.02           | 38.8        | 1419 | 120          | 1.99           | 37.7        | 1602 | 135          | 1.38           | 26.2        |
| 1124 | 210          | 1.13           | 21.5        | 1302 | 330          | 1.56           | 29.7        | 1420 | 45           | 2.03           | 38.5        | 1603 | 135          | 1.52           | 28.8        |
| 1125 | 60           | 2.30           | 43.7        | 1303 | 345          | 1.81           | 34.3        | 1421 | 45           | 1.45           | 27.5        | 1604 | 135          | 1.86           | 35.3        |
| 1126 | 210          | 1.56           | 29.6        | 1304 | 345          | 2.52           | 47.9        | 1422 | 45           | 1.21           | 22.9        | 1605 | 150          | 2.17           | 41.3        |

TABLE 6 -- PEAK LOADS-- CONFIGURATION A -- ONE DENVER PLACE -- DENVER, COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF, GLASS LOAD FACTOR = 0.73

| TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD |
|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|
| 1606 | 210          | 1.31           | 24.9        | 1721 | 45           | 1.01           | 19.2        | 1846 | 135          | .83            | 15.7        | 2122 | 45           | 2.17           | 41.2        |
| 1607 | 300          | 2.09           | 39.7        | 1722 | 45           | .95            | 18.0        | 1847 | 120          | .55            | 10.5        | 2123 | 30           | 1.73           | 32.9        |
| 1608 | 150          | 2.58           | 49.0        | 1723 | 75           | 1.40           | 26.6        | 1848 | 30           | .64            | 12.1        | 2124 | 45           | 1.17           | 22.3        |
| 1609 | 135          | 1.37           | 26.1        | 1724 | 0            | 1.12           | 21.3        | 1849 | 285          | .62            | 11.7        | 2125 | 210          | 2.10           | 39.8        |
| 1610 | 300          | 1.31           | 24.9        | 1725 | 345          | 1.17           | 22.3        | 1850 | 330          | .67            | 12.8        | 2126 | 60           | 1.46           | 27.8        |
| 1611 | 150          | 1.43           | 27.2        | 1801 | 315          | .96            | 18.2        | 1851 | 15           | .41            | 7.7         | 2127 | 45           | 1.28           | 24.3        |
| 1612 | 135          | 1.50           | 28.5        | 1802 | 315          | 1.01           | 19.1        | 1851 | 15           | .41            | 7.7         | 2128 | 75           | .97            | 18.4        |
| 1613 | 315          | 1.48           | 28.1        | 1803 | 300          | 1.04           | 19.7        | 1852 | 15           | .59            | 11.1        | 2129 | 210          | 1.24           | 23.5        |
| 1614 | 135          | 1.51           | 28.8        | 1804 | 45           | 1.47           | 28.0        | 1853 | 15           | .63            | 12.0        | 2130 | 90           | 1.43           | 27.1        |
| 1615 | 315          | 1.49           | 28.3        | 1805 | 0            | 1.06           | 20.0        | 1854 | 0            | .72            | 13.8        | 2201 | 0            | 1.98           | 37.5        |
| 1616 | 135          | 1.51           | 28.8        | 1806 | 0            | 1.49           | 28.4        | 1855 | 15           | .83            | 15.7        | 2202 | 0            | 1.39           | 30.2        |
| 1617 | 135          | 1.62           | 30.8        | 1807 | 285          | 1.94           | 36.9        | 1856 | 15           | .59            | 11.1        | 2203 | 0            | 1.37           | 26.0        |
| 1618 | 315          | 1.45           | 27.5        | 1808 | 285          | 1.76           | 33.5        | 1857 | 270          | .87            | 16.6        | 2204 | 165          | 1.40           | 26.6        |
| 1619 | 315          | 1.64           | 31.2        | 1809 | 285          | 1.12           | 21.3        | 1858 | 345          | .82            | 15.6        | 2205 | 165          | 1.99           | 37.8        |
| 1620 | 135          | 1.64           | 31.2        | 1810 | 45           | .81            | 15.4        | 1859 | 0            | .00            | 0.0         | 2206 | 165          | 1.84           | 35.0        |
| 1621 | 135          | 1.90           | 36.1        | 1811 | 330          | .97            | 18.4        | 1860 | 0            | 1.76           | 33.3        | 2207 | 165          | 2.21           | 42.0        |
| 1622 | 135          | 1.45           | 27.6        | 1812 | 315          | .78            | 14.9        | 1861 | 105          | 1.43           | 28.2        | 2208 | 165          | 1.44           | 27.4        |
| 1623 | 135          | 2.22           | 42.2        | 1813 | 60           | .89            | 16.9        | 1862 | 120          | 1.49           | 28.3        | 2209 | 345          | 1.85           | 35.8        |
| 1624 | 105          | 1.69           | 32.0        | 1814 | 315          | .72            | 13.6        | 1863 | 210          | .85            | 16.1        | 2210 | 345          | 1.85           | 35.8        |
| 1625 | 120          | 1.43           | 27.2        | 1815 | 270          | .76            | 14.4        | 1864 | 315          | .62            | 11.7        | 2211 | 0            | 1.32           | 28.9        |
| 1626 | 105          | 1.69           | 32.0        | 1816 | 285          | 1.10           | 20.9        | 1865 | 315          | .71            | 13.4        | 2212 | 0            | 1.32           | 25.1        |
| 1627 | 135          | 2.18           | 41.4        | 1817 | 285          | 1.06           | 20.2        | 1866 | 315          | .69            | 13.1        | 2213 | 195          | 1.42           | 27.0        |
| 1628 | 135          | 1.70           | 32.3        | 1818 | 45           | .84            | 15.9        | 1867 | 270          | .63            | 12.1        | 2214 | 0            | 1.68           | 31.0        |
| 1629 | 135          | 1.86           | 36.4        | 1819 | 330          | .74            | 14.1        | 1868 | 0            | .54            | 10.2        | 2215 | 0            | 1.79           | 34.0        |
| 1630 | 135          | 2.35           | 45.4        | 1820 | 330          | .68            | 12.9        | 1869 | 120          | .62            | 11.8        | 2216 | 0            | 1.96           | 37.3        |
| 1631 | 135          | 1.75           | 34.3        | 1821 | 45           | .85            | 16.2        | 1870 | 15           | .57            | 10.9        | 2217 | 0            | 1.44           | 27.9        |
| 1632 | 135          | 1.08           | 20.5        | 1822 | 210          | .71            | 13.5        | 1871 | 315          | .67            | 12.7        | 2218 | 0            | 1.41           | 26.6        |
| 1633 | 135          | 1.19           | 22.5        | 1823 | 15           | .89            | 17.0        | 1872 | 315          | .79            | 14.9        | 2219 | 0            | 2.03           | 38.6        |
| 1634 | 120          | .86            | 16.3        | 1824 | 15           | .84            | 16.0        | 1873 | 135          | .85            | 16.1        | 2220 | 1            | 1.99           | 37.8        |
| 1635 | 120          | .90            | 17.1        | 1825 | 15           | 1.18           | 22.3        | 2101 | 30           | 1.83           | 34.9        | 2221 | 135          | 1.26           | 23.9        |
| 1701 | 120          | .78            | 14.8        | 1826 | 45           | .88            | 16.8        | 2102 | 30           | 1.46           | 27.7        | 2222 | 135          | 1.20           | 22.7        |
| 1702 | 315          | .68            | 13.0        | 1827 | 255          | .79            | 15.0        | 2103 | 45           | 1.14           | 21.1        | 2223 | 150          | 1.28           | 24.2        |
| 1703 | 315          | .69            | 13.2        | 1828 | 330          | .70            | 13.4        | 2104 | 225          | 1.41           | 26.7        | 2224 | 345          | 2.27           | 43.1        |
| 1704 | 300          | 1.40           | 26.7        | 1829 | 345          | .66            | 12.5        | 2105 | 45           | 1.30           | 26.9        | 2225 | 155          | 1.31           | 24.8        |
| 1705 | 300          | 1.98           | 38.6        | 1830 | 15           | .77            | 14.6        | 2106 | 30           | 1.53           | 29.3        | 2226 | 155          | 1.33           | 24.8        |
| 1706 | 300          | 1.58           | 30.0        | 1831 | 15           | .97            | 18.5        | 2107 | 225          | 1.44           | 27.7        | 2227 | 135          | 1.88           | 36.8        |
| 1707 | 15           | 1.02           | 19.4        | 1832 | 15           | .93            | 17.7        | 2108 | 30           | 1.53           | 29.9        | 2228 | 135          | 1.22           | 23.2        |
| 1708 | 45           | 1.30           | 24.6        | 1833 | 15           | .92            | 17.4        | 2109 | 225          | 1.72           | 32.7        | 2229 | 345          | 1.61           | 19.1        |
| 1709 | 0            | 1.04           | 19.7        | 1834 | 45           | .99            | 18.9        | 2110 | 30           | 1.74           | 33.1        | 2230 | 330          | .86            | 16.4        |
| 1710 | 30           | 1.06           | 20.2        | 1835 | 285          | .71            | 13.4        | 2111 | 30           | 1.71           | 32.2        | 2231 | 330          | 1.09           | 20.7        |
| 1711 | 30           | 1.16           | 22.1        | 1836 | 330          | .65            | 12.4        | 2112 | 45           | 1.49           | 28.8        | 2232 | 345          | .87            | 16.5        |
| 1712 | 315          | 1.23           | 23.3        | 1837 | 15           | .77            | 14.5        | 2113 | 45           | 1.46           | 27.7        | 2233 | 330          | .83            | 15.7        |
| 1713 | 15           | .84            | 15.2        | 1838 | 330          | .84            | 16.0        | 2114 | 45           | 1.76           | 33.3        | 2234 | 0            | .78            | 14.7        |
| 1714 | 15           | .82            | 15.7        | 1839 | 330          | .72            | 13.8        | 2115 | 45           | 1.87           | 35.0        | 2235 | 210          | .97            | 18.3        |
| 1715 | 30           | 1.15           | 21.9        | 1840 | 330          | .69            | 13.1        | 2116 | 45           | 1.56           | 29.9        | 2236 | 285          | .92            | 17.5        |
| 1716 | 60           | 1.04           | 19.8        | 1841 | 15           | .93            | 17.7        | 2117 | 45           | 1.46           | 27.8        | 2237 | 225          | 1.22           | 23.1        |
| 1717 | 210          | 1.20           | 22.8        | 1842 | 0            | 1.08           | 20.5        | 2118 | 30           | 2.47           | 47.0        | 2238 | 225          | 1.16           | 22.1        |
| 1718 | 210          | 1.18           | 22.4        | 1843 | 330          | .54            | 10.3        | 2119 | 45           | 2.07           | 39.3        | 2239 | 300          | 1.32           | 25.2        |
| 1719 | 210          | 1.04           | 19.8        | 1844 | 15           | .59            | 11.3        | 2120 | 60           | 1.51           | 28.7        | 2240 | 210          | 1.05           | 20.0        |
| 1720 | 300          | 1.07           | 20.3        | 1845 | 0            | 1.03           | 19.5        | 2121 | 45           | 1.39           | 26.5        | 2241 | 285          | .82            | 15.5        |

TABLE 6 -- PEAK LOADS-- CONFIGURATION A -- ONE DENVER PLACE -- DENVER, COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF, GLASS LOAD FACTOR = 0.73

| TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD |
|------|----------|-------------|----------|------|----------|-------------|----------|------|----------|-------------|----------|------|----------|-------------|----------|
| 2242 | 300      | 1.20        | 22.8     | 2418 | 60       | 1.49        | 28.3     | 2601 | 120      | 1.81        | 34.4     | 2716 | 75       | 1.17        | 22.2     |
| 2301 | 315      | 1.72        | 32.7     | 2419 | 210      | 1.68        | 31.9     | 2602 | 315      | 1.30        | 24.7     | 2717 | 30       | 2.06        | 39.1     |
| 2302 | 150      | 1.49        | 28.3     | 2420 | 225      | 1.61        | 30.6     | 2603 | 315      | 1.31        | 25.0     | 2718 | 30       | 2.19        | 41.6     |
| 2303 | 150      | 1.69        | 32.2     | 2421 | 225      | 1.39        | 26.4     | 2604 | 315      | 1.46        | 27.8     | 2719 | 0        | 2.12        | 40.2     |
| 2304 | 150      | 2.14        | 40.7     | 2422 | 60       | 1.53        | 29.0     | 2605 | 315      | 1.94        | 36.9     | 2720 | 90       | 1.34        | 25.5     |
| 2305 | 225      | 1.53        | 29.0     | 2423 | 60       | 1.47        | 27.8     | 2606 | 315      | 2.37        | 45.1     | 2721 | 90       | 1.80        | 34.2     |
| 2306 | 315      | 1.53        | 29.1     | 2424 | 225      | 1.85        | 35.1     | 2607 | 120      | 1.66        | 31.6     | 2722 | 105      | 1.95        | 37.1     |
| 2307 | 150      | 2.34        | 44.5     | 2425 | 210      | 1.74        | 33.0     | 2608 | 315      | 2.14        | 40.8     | 2723 | 90       | 1.50        | 28.4     |
| 2308 | 315      | 1.87        | 35.6     | 2426 | 225      | 1.39        | 26.5     | 2609 | 120      | 1.43        | 27.1     | 2724 | 345      | 1.53        | 29.0     |
| 2309 | 150      | 2.01        | 38.1     | 2427 | 0        | 1.50        | 28.5     | 2610 | 120      | 1.32        | 25.0     | 2725 | 330      | 1.28        | 24.3     |
| 2310 | 315      | 1.83        | 34.8     | 2428 | 45       | 1.45        | 27.5     | 2611 | 315      | 1.09        | 20.7     | 2801 | 90       | 1.08        | 20.5     |
| 2311 | 270      | 1.59        | 30.2     | 2429 | 210      | 1.50        | 28.5     | 2612 | 315      | 1.35        | 25.6     | 2802 | 90       | 1.36        | 25.9     |
| 2312 | 150      | 1.74        | 33.1     | 2430 | 60       | 1.48        | 28.1     | 2613 | 315      | 1.67        | 31.7     | 2803 | 90       | 1.16        | 22.0     |
| 2313 | 150      | 1.94        | 37.0     | 2431 | 135      | 1.14        | 21.6     | 2614 | 120      | 1.57        | 29.9     | 2804 | 210      | 1.55        | 29.4     |
| 2314 | 315      | 2.15        | 40.9     | 2432 | 135      | 1.15        | 21.9     | 2615 | 120      | 1.35        | 25.6     | 2805 | 195      | 1.31        | 28.8     |
| 2315 | 150      | 1.70        | 32.3     | 2433 | 135      | 1.20        | 22.9     | 2616 | 120      | 1.23        | 23.3     | 2806 | 90       | 1.40        | 26.7     |
| 2316 | 150      | 1.83        | 34.8     | 2434 | 15       | 1.03        | 19.6     | 2617 | 315      | 1.70        | 32.4     | 2807 | 105      | 1.48        | 28.1     |
| 2317 | 150      | 1.81        | 34.4     | 2435 | 15       | 1.06        | 20.2     | 2618 | 315      | 2.17        | 41.1     | 2808 | 105      | 2.01        | 38.2     |
| 2318 | 315      | 1.66        | 31.6     | 2436 | 195      | 1.66        | 31.5     | 2619 | 120      | 1.56        | 29.6     | 2809 | 90       | 1.97        | 37.4     |
| 2319 | 150      | 1.70        | 32.2     | 2437 | 195      | 1.19        | 22.6     | 2620 | 135      | 1.34        | 25.5     | 2810 | 330      | 1.90        | 17.2     |
| 2320 | 150      | 1.89        | 35.9     | 2438 | 150      | 1.19        | 22.6     | 2621 | 315      | 1.49        | 28.2     | 2811 | 135      | 1.90        | 17.1     |
| 2321 | 150      | 1.94        | 37.0     | 2439 | 195      | 1.41        | 26.8     | 2622 | 300      | 1.43        | 27.2     | 2812 | 195      | 1.86        | 16.4     |
| 2322 | 285      | 2.02        | 38.3     | 2440 | 315      | 1.25        | 23.8     | 2623 | 315      | 2.04        | 38.8     | 2813 | 195      | 1.37        | 26.0     |
| 2323 | 150      | 1.48        | 28.1     | 2441 | 135      | 1.34        | 25.4     | 2624 | 120      | 1.41        | 28.9     | 2814 | 90       | 1.30        | 28.6     |
| 2324 | 150      | 2.16        | 41.1     | 2442 | 135      | 2.02        | 38.3     | 2625 | 120      | 1.48        | 28.0     | 2815 | 90       | 1.78        | 14.9     |
| 2325 | 150      | 2.41        | 45.7     | 2443 | 135      | 1.23        | 23.7     | 2626 | 300      | 1.37        | 26.0     | 2816 | 105      | 1.97        | 18.5     |
| 2326 | 345      | 1.01        | 19.1     | 2444 | 15       | 1.95        | 37.1     | 2627 | 300      | 2.07        | 39.4     | 2817 | 330      | 1.93        | 17.7     |
| 2327 | 105      | 1.88        | 16.7     | 2445 | 165      | 1.51        | 28.7     | 2628 | 300      | 1.93        | 36.7     | 2818 | 330      | 1.78        | 14.8     |
| 2328 | 150      | 1.98        | 18.7     | 2446 | 15       | 1.80        | 34.3     | 2629 | 120      | 1.62        | 30.8     | 2819 | 330      | 1.73        | 13.9     |
| 2329 | 150      | 1.48        | 28.0     | 2447 | 150      | 1.50        | 28.5     | 2630 | 300      | 1.91        | 36.4     | 2820 | 120      | 1.65        | 12.3     |
| 2330 | 150      | 1.82        | 15.5     | 2448 | 15       | 1.36        | 25.9     | 2631 | 135      | 1.95        | 18.0     | 2821 | 195      | 1.32        | 25.2     |
| 2331 | 60       | 1.13        | 21.4     | 2449 | 15       | 1.53        | 29.2     | 2632 | 300      | 1.93        | 17.6     | 2822 | 15       | 1.63        | 30.9     |
| 2332 | 15       | 1.78        | 14.8     | 2450 | 135      | 1.86        | 35.5     | 2633 | 300      | 1.06        | 20.1     | 2823 | 90       | 1.66        | 12.6     |
| 2401 | 210      | 2.05        | 38.9     | 2451 | 135      | 1.28        | 24.2     | 2634 | 300      | 1.93        | 17.7     | 2824 | 330      | 1.77        | 14.6     |
| 2402 | 240      | 1.60        | 30.5     | 2452 | 135      | 1.44        | 27.3     | 2635 | 300      | 1.05        | 19.9     | 2825 | 330      | 1.73        | 13.9     |
| 2403 | 1.36     | 25.8        |          | 2453 | 15       | 1.61        | 30.5     | 2701 | 285      | 1.82        | 15.6     | 2826 | 330      | 1.76        | 14.4     |
| 2404 | 225      | 1.18        | 22.5     | 2454 | 15       | 1.77        | 33.6     | 2702 | 0        | 1.71        | 13.5     | 2827 | 135      | 1.65        | 12.3     |
| 2405 | 15       | 1.28        | 24.3     | 2455 | 15       | 1.28        | 24.4     | 2703 | 15       | 1.74        | 14.1     | 2828 | 135      | 1.84        | 15.9     |
| 2406 | 60       | 1.86        | 35.4     | 2456 | 15       | 1.39        | 26.3     | 2704 | 90       | 1.16        | 22.0     | 2829 | 195      | 1.77        | 14.6     |
| 2407 | 210      | 1.76        | 33.5     | 2457 | 15       | 1.62        | 30.8     | 2705 | 90       | 1.19        | 22.6     | 2830 | 15       | 1.96        | 18.3     |
| 2408 | 60       | 1.55        | 29.5     | 2458 | 15       | 1.88        | 35.7     | 2706 | 195      | 1.38        | 26.3     | 2831 | 15       | 1.54        | 10.2     |
| 2409 | 195      | 2.08        | 39.9     | 2459 | 150      | 1.16        | 22.0     | 2707 | 15       | 1.04        | 19.9     | 2832 | 330      | 1.64        | 12.1     |
| 2410 | 195      | 1.49        | 28.8     | 2460 | 135      | 1.24        | 23.8     | 2708 | 180      | 1.07        | 20.4     | 2833 | 330      | 1.70        | 13.3     |
| 2411 | 60       | 1.61        | 30.5     | 2461 | 0        | 1.59        | 30.2     | 2709 | 330      | 1.85        | 16.2     | 2834 | 345      | 1.69        | 13.1     |
| 2412 | 60       | 1.67        | 31.8     | 2462 | 15       | 1.71        | 32.5     | 2710 | 15       | 1.86        | 16.3     | 2835 | 135      | 1.66        | 12.5     |
| 2413 | 60       | 1.46        | 27.8     | 2463 | 285      | 1.64        | 19.8     | 2711 | 90       | 1.23        | 23.3     | 2836 | 15       | 1.72        | 13.7     |
| 2414 | 210      | 1.91        | 36.4     | 2464 | 15       | 1.97        | 37.4     | 2712 | 90       | 1.48        | 28.2     | 2837 | 315      | 1.62        | 11.9     |
| 2415 | 210      | 1.86        | 35.3     | 2465 | 285      | 1.92        | 17.5     | 2713 | 90       | 1.33        | 25.3     | 2838 | 345      | 1.78        | 14.9     |
| 2416 | 225      | 1.54        | 29.3     | 2466 | 15       | 1.77        | 14.7     | 2714 | 330      | 1.01        | 19.3     | 2839 | 345      | 1.65        | 12.4     |
| 2417 | 60       | 1.55        | 29.4     | 2467 | 15       | 1.30        | 24.8     | 2715 | 105      | 1.05        | 20.0     | 2840 | 15       | 1.65        | 12.4     |

TABLE 6 -- PEAK LOADS-- CONFIGURATION A -- ONE DENVER PLACE -- DENVER , COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF, GLASS LOAD FACTOR = 0.73

| TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD |
|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|
| 2841 | 330          | .71            | 13.5        | 2850 | 120          | .65            | 12.3        | 2858 | 45           | .86            | 16.4        | 2866 | 330          | .63            | 12.0        |
| 2842 | 45           | .80            | 13.1        | 2851 | 210          | .36            | 6.8         | 2859 | 15           | 1.57           | 29.9        | 2867 | 90           | .77            | 14.6        |
| 2843 | 210          | .54            | 10.3        | 2851 | 210          | .36            | 6.8         | 2860 | 300          | 1.64           | 31.2        | 2868 | 15           | .50            | 9.6         |
| 2844 | 195          | .48            | 9.2         | 2852 | 15           | .66            | 12.5        | 2861 | 285          | 1.51           | 28.7        | 2869 | 300          | .69            | 13.1        |
| 2845 | 330          | .56            | 10.7        | 2853 | 15           | .41            | 7.8         | 2862 | 315          | 1.44           | 27.3        | 2870 | 195          | .53            | 10.0        |
| 2846 | 330          | .70            | 13.3        | 2854 | 330          | .44            | 8.4         | 2863 | 30           | 1.27           | 24.0        | 2871 | 15           | .51            | 9.7         |
| 2847 | 300          | .64            | 12.1        | 2855 | 330          | .47            | 8.8         | 2864 | 330          | .69            | 13.2        | 2872 | 285          | .62            | 11.9        |
| 2848 | 300          | .64            | 12.3        | 2856 | 345          | .53            | 10.1        | 2865 | 105          | .74            | 14.0        | 2873 | 330          | .71            | 13.5        |
| 2849 | 330          | .60            | 11.5        | 2857 | 15           | 1.16           | 22.1        |      |              |                |             |      |              |                |             |



TABLE 6 -- PEAK LOADS-- ONE DENVER PLACE -- DENVER , COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF

| TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD |
|------|----------|-------------|----------|------|----------|-------------|----------|------|----------|-------------|----------|------|----------|-------------|----------|
| 101  | 105      | 1.76        | 45.6     | 1127 | 195      | 1.10        | 28.7     | 1305 | 45       | 1.70        | 44.2     | 1423 | 60       | 1.09        | 28.2     |
| 102  | 45       | 1.42        | 37.0     | 1128 | 90       | 1.13        | 29.3     | 1306 | 105      | 1.73        | 45.0     | 1424 | 30       | 2.28        | 59.3     |
| 103  | 45       | 1.86        | 48.4     | 1129 | 45       | 1.00        | 26.0     | 1307 | 330      | 2.45        | 63.8     | 1425 | 30       | 1.64        | 42.7     |
| 104  | 0        | 2.21        | 57.5     | 1130 | 300      | 1.13        | 29.5     | 1308 | 105      | 1.78        | 46.4     | 1426 | 90       | 1.03        | 26.8     |
| 105  | 315      | 1.31        | 39.2     | 1201 | 180      | 1.97        | 51.2     | 1309 | 330      | 2.54        | 66.1     | 1427 | 210      | 1.13        | 29.3     |
| 106  | 315      | 1.76        | 45.8     | 1202 | 180      | 1.35        | 40.3     | 1310 | 330      | 1.72        | 44.6     | 1428 | 180      | 1.19        | 30.8     |
| 107  | 240      | 1.54        | 40.2     | 1203 | 90       | 1.91        | 39.2     | 1311 | 330      | 1.84        | 47.7     | 1429 | 90       | 2.04        | 53.0     |
| 108  | 180      | 1.54        | 40.0     | 1204 | 330      | 1.31        | 39.2     | 1312 | 330      | 1.85        | 48.0     | 1430 | 210      | 1.46        | 38.0     |
| 109  | 180      | 2.34        | 66.1     | 1205 | 0        | 1.69        | 44.0     | 1313 | 345      | 2.08        | 54.2     | 1431 | 105      | .93         | 24.3     |
| 110  | 225      | 1.19        | 30.9     | 1206 | 345      | 1.85        | 48.1     | 1314 | 345      | 1.95        | 50.6     | 1432 | 330      | .72         | 18.8     |
| 111  | 330      | 1.29        | 33.6     | 1207 | 180      | 2.24        | 58.2     | 1315 | 330      | 2.10        | 54.7     | 1433 | 135      | .82         | 21.4     |
| 112  | 315      | 1.41        | 36.6     | 1208 | 330      | 2.33        | 60.6     | 1316 | 330      | 2.14        | 55.6     | 1434 | 135      | .85         | 22.1     |
| 201  | 315      | 2.13        | 55.5     | 1209 | 180      | 1.31        | 34.1     | 1317 | 330      | 2.27        | 58.9     | 1435 | 195      | .69         | 18.0     |
| 202  | 315      | 1.37        | 40.7     | 1210 | 180      | 1.31        | 34.2     | 1318 | 330      | 1.77        | 45.9     | 1501 | 345      | 1.85        | 48.0     |
| 203  | 225      | 1.64        | 42.3     | 1211 | 180      | 1.42        | 37.0     | 1319 | 330      | 1.89        | 49.1     | 1502 | 345      | 1.41        | 36.6     |
| 204  | 165      | 2.10        | 54.3     | 1212 | 315      | 1.42        | 41.1     | 1320 | 345      | 2.08        | 54.0     | 1503 | 330      | 1.38        | 35.8     |
| 205  | 150      | 1.55        | 40.3     | 1213 | 330      | 1.60        | 41.6     | 1321 | 0        | 2.33        | 60.6     | 1504 | 15       | 1.38        | 36.0     |
| 206  | 150      | 1.92        | 49.8     | 1214 | 180      | 1.52        | 39.4     | 1322 | 90       | 2.56        | 66.6     | 1505 | 345      | 1.29        | 33.6     |
| 207  | 45       | 1.48        | 38.4     | 1215 | 180      | 1.34        | 34.8     | 1323 | 315      | 1.09        | 28.3     | 1506 | 135      | 1.24        | 32.3     |
| 208  | 15       | 1.80        | 46.7     | 1216 | 180      | 1.37        | 35.6     | 1324 | 330      | 1.80        | 46.9     | 1507 | 195      | 1.60        | 41.7     |
| 209  | 15       | 2.88        | 75.0     | 1217 | 330      | 1.72        | 44.8     | 1325 | 330      | 2.49        | 64.7     | 1508 | 345      | 1.93        | 50.2     |
| 210  | 30       | 1.30        | 33.7     | 1218 | 330      | 1.69        | 43.9     | 1326 | 345      | 1.20        | 31.2     | 1509 | 195      | 1.38        | 35.8     |
| 211  | 150      | 1.27        | 33.1     | 1219 | 180      | 1.38        | 35.8     | 1327 | 345      | 1.90        | 48.4     | 1510 | 330      | 1.85        | 48.1     |
| 212  | 150      | 1.30        | 33.9     | 1220 | 195      | 1.35        | 35.2     | 1328 | 345      | 1.09        | 28.4     | 1511 | 225      | 1.57        | 40.9     |
| 1101 | 210      | 1.93        | 50.0     | 1221 | 330      | 1.44        | 40.1     | 1329 | 300      | 1.71        | 44.5     | 1512 | 345      | 1.89        | 49.9     |
| 1102 | 225      | 1.42        | 36.9     | 1222 | 330      | 1.70        | 44.1     | 1330 | 330      | 1.98        | 48.5     | 1513 | 345      | 1.36        | 35.4     |
| 1103 | 330      | 1.58        | 41.0     | 1223 | 330      | 1.59        | 41.3     | 1331 | 345      | 1.09        | 28.3     | 1514 | 210      | 1.29        | 33.5     |
| 1104 | 315      | 1.60        | 41.6     | 1224 | 195      | 1.26        | 32.8     | 1332 | 330      | .63         | 16.4     | 1515 | 180      | 1.53        | 39.8     |
| 1105 | 135      | 1.25        | 32.5     | 1225 | 105      | .85         | 22.0     | 1401 | 30       | 2.17        | 56.4     | 1516 | 345      | 1.90        | 49.5     |
| 1106 | 210      | 1.55        | 40.4     | 1226 | 105      | .79         | 20.6     | 1402 | 30       | 2.10        | 54.6     | 1517 | 345      | 1.34        | 34.7     |
| 1107 | 330      | 1.25        | 32.5     | 1227 | 330      | 1.07        | 27.9     | 1403 | 45       | 1.54        | 39.9     | 1518 | 195      | 1.42        | 36.8     |
| 1108 | 210      | 1.47        | 38.1     | 1228 | 330      | 1.77        | 46.1     | 1404 | 45       | 1.71        | 44.5     | 1519 | 195      | 1.81        | 47.1     |
| 1109 | 60       | 1.50        | 38.9     | 1229 | 90       | .80         | 20.7     | 1405 | 45       | 1.35        | 35.1     | 1520 | 345      | 1.66        | 43.0     |
| 1110 | 210      | 1.72        | 44.8     | 1230 | 0        | .82         | 21.4     | 1406 | 225      | 1.76        | 45.8     | 1521 | 345      | 1.23        | 31.9     |
| 1111 | 210      | 1.62        | 42.2     | 1231 | 30       | 1.29        | 33.7     | 1407 | 45       | 1.95        | 50.7     | 1522 | 45       | 1.21        | 31.4     |
| 1112 | 225      | 1.30        | 33.8     | 1232 | 45       | 1.56        | 40.5     | 1408 | 225      | 1.35        | 35.1     | 1523 | 195      | 1.32        | 33.5     |
| 1113 | 60       | 1.29        | 33.5     | 1233 | 31       | .98         | 25.4     | 1409 | 60       | 1.59        | 41.3     | 1524 | 345      | 1.51        | 39.2     |
| 1114 | 180      | 2.33        | 60.6     | 1234 | 120      | .77         | 20.0     | 1410 | 45       | 1.70        | 44.3     | 1525 | 120      | 1.22        | 31.8     |
| 1115 | 270      | 1.53        | 39.9     | 1235 | 60       | 1.06        | 27.6     | 1411 | 45       | 1.45        | 37.7     | 1526 | 45       | 1.25        | 32.5     |
| 1116 | 60       | 1.44        | 37.5     | 1236 | 135      | 1.18        | 30.8     | 1412 | 45       | 1.35        | 35.0     | 1527 | 45       | 1.34        | 34.8     |
| 1117 | 90       | 1.71        | 44.5     | 1237 | 30       | 1.40        | 36.5     | 1413 | 45       | 1.37        | 35.6     | 1528 | 120      | 1.23        | 31.9     |
| 1118 | 210      | 1.54        | 40.2     | 1238 | 15       | 1.26        | 32.7     | 1414 | 75       | 1.71        | 44.5     | 1529 | 135      | 1.17        | 30.3     |
| 1119 | 210      | 1.41        | 36.7     | 1239 | 120      | 1.16        | 30.2     | 1415 | 30       | 1.72        | 44.8     | 1530 | 120      | 1.18        | 30.7     |
| 1120 | 60       | 1.59        | 41.1     | 1240 | 120      | 1.18        | 30.8     | 1416 | 30       | 1.66        | 43.1     | 1531 | 45       | .85         | 22.2     |
| 1121 | 60       | 1.57        | 40.9     | 1241 | 313      | .90         | 23.5     | 1417 | 45       | 1.61        | 41.9     | 1532 | 135      | 1.11        | 29.0     |
| 1122 | 210      | 2.03        | 52.7     | 1242 | 105      | 1.14        | 29.5     | 1418 | 45       | 1.45        | 37.8     | 1601 | 300      | 2.06        | 53.5     |
| 1123 | 195      | 1.40        | 36.3     | 1301 | 105      | 2.02        | 52.5     | 1419 | 120      | 1.99        | 51.8     | 1602 | 135      | 1.38        | 35.9     |
| 1124 | 210      | 1.13        | 29.4     | 1302 | 330      | 1.56        | 40.7     | 1420 | 45       | 2.03        | 52.7     | 1603 | 135      | 1.52        | 39.5     |
| 1125 | 60       | 2.30        | 59.8     | 1303 | 345      | 1.81        | 47.0     | 1421 | 45       | 1.45        | 37.7     | 1604 | 135      | 1.86        | 48.3     |
| 1126 | 210      | 1.56        | 40.4     | 1304 | 345      | 2.52        | 65.6     | 1422 | 45       | 1.21        | 31.3     | 1605 | 150      | 2.17        | 56.5     |

TABLE 6 -- PEAK LOADS-- CONFIGURATION A -- ONE DENVER PLACE -- DENVER, COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF

| TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD |
|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|
| 1606 | 210          | 1.31           | 34.0        | 1721 | 45           | 1.01           | 26.3        | 1846 | 135          | .83            | 21.5        | 2122 | 45           | 2.17           | 56.3        |
| 1607 | 300          | 2.09           | 54.4        | 1722 | 45           | .95            | 24.6        | 1847 | 120          | .55            | 14.4        | 2123 | 30           | 1.73           | 45.0        |
| 1608 | 150          | 2.58           | 67.1        | 1723 | 75           | 1.40           | 36.4        | 1848 | 30           | .64            | 16.6        | 2124 | 45           | 1.17           | 30.5        |
| 1609 | 135          | 1.37           | 35.7        | 1724 | 0            | 1.12           | 29.2        | 1849 | 285          | .62            | 16.1        | 2125 | 210          | 2.10           | 54.5        |
| 1610 | 300          | 1.31           | 34.0        | 1725 | 345          | 1.17           | 30.5        | 1850 | 330          | .67            | 17.5        | 2126 | 60           | 1.46           | 38.0        |
| 1611 | 150          | 1.43           | 37.3        | 1801 | 315          | .96            | 24.9        | 1851 | 15           | .41            | 10.5        | 2127 | 45           | 1.28           | 33.3        |
| 1612 | 135          | 1.50           | 38.9        | 1802 | 315          | 1.01           | 26.1        | 1851 | 15           | .41            | 10.5        | 2128 | 75           | .97            | 25.2        |
| 1613 | 315          | 1.48           | 38.4        | 1803 | 300          | 1.04           | 27.0        | 1852 | 15           | .59            | 15.2        | 2129 | 210          | 1.24           | 32.2        |
| 1614 | 135          | 1.51           | 39.4        | 1804 | 45           | 1.47           | 38.3        | 1853 | 15           | .63            | 16.5        | 2130 | 90           | 1.43           | 37.1        |
| 1615 | 315          | 1.49           | 38.7        | 1805 | 0            | 1.06           | 27.4        | 1854 | 0            | .72            | 18.8        | 2201 | 0            | 1.98           | 51.4        |
| 1616 | 135          | 1.51           | 39.4        | 1806 | 0            | 1.49           | 38.9        | 1855 | 15           | .83            | 21.5        | 2202 | 0            | 1.59           | 41.4        |
| 1617 | 135          | 1.62           | 42.2        | 1807 | 285          | 1.94           | 50.5        | 1856 | 15           | .59            | 15.2        | 2203 | 0            | 1.37           | 35.6        |
| 1618 | 150          | 1.45           | 37.6        | 1808 | 0            | 1.76           | 45.8        | 1857 | 270          | .87            | 22.7        | 2204 | 165          | 1.40           | 36.4        |
| 1619 | 135          | 1.64           | 42.7        | 1809 | 285          | 1.12           | 29.1        | 1858 | 345          | .82            | 21.3        | 2205 | 165          | 1.99           | 51.7        |
| 1620 | 135          | 1.84           | 48.0        | 1810 | 45           | .81            | 21.1        | 1859 | 0            | .00            | 0.0         | 2206 | 165          | 1.84           | 47.8        |
| 1621 | 135          | 1.90           | 49.4        | 1811 | 330          | .97            | 25.1        | 1860 | 105          | 1.76           | 45.7        | 2207 | 330          | 2.21           | 57.5        |
| 1622 | 135          | 1.45           | 37.8        | 1812 | 315          | .78            | 20.4        | 1861 | 105          | 1.43           | 37.3        | 2208 | 165          | 1.44           | 37.4        |
| 1623 | 135          | 2.22           | 57.8        | 1813 | 60           | .89            | 23.1        | 1862 | 120          | 1.49           | 38.8        | 2209 | 345          | 1.57           | 40.8        |
| 1624 | 105          | 1.69           | 43.8        | 1814 | 315          | .72            | 18.7        | 1863 | 210          | .85            | 22.0        | 2210 | 345          | 1.85           | 48.1        |
| 1625 | 120          | 1.43           | 37.3        | 1815 | 270          | .76            | 19.7        | 1864 | 315          | .62            | 16.0        | 2211 | 0            | 1.52           | 39.5        |
| 1626 | 105          | 1.69           | 44.0        | 1816 | 285          | 1.10           | 28.6        | 1865 | 315          | .71            | 18.4        | 2212 | 0            | 1.32           | 34.3        |
| 1627 | 135          | 2.18           | 56.6        | 1817 | 285          | 1.06           | 27.6        | 1866 | 315          | .69            | 17.9        | 2213 | 195          | 1.42           | 36.9        |
| 1628 | 135          | 1.70           | 44.2        | 1818 | 45           | .84            | 21.8        | 1867 | 270          | .63            | 16.5        | 2214 | 0            | 1.68           | 43.6        |
| 1629 | 0            | .86            | 22.4        | 1819 | 330          | .74            | 19.3        | 1868 | 0            | .54            | 14.0        | 2215 | 0            | 1.79           | 46.5        |
| 1630 | 135          | 2.39           | 62.2        | 1820 | 330          | .68            | 17.7        | 1869 | 120          | .62            | 16.2        | 2216 | 0            | 1.96           | 51.1        |
| 1631 | 135          | .75            | 19.6        | 1821 | 45           | .85            | 22.1        | 1870 | 15           | .57            | 14.9        | 2217 | 0            | 1.54           | 40.0        |
| 1632 | 135          | 1.08           | 28.0        | 1822 | 210          | .71            | 18.5        | 1871 | 315          | .67            | 17.4        | 2218 | 0            | 1.41           | 36.5        |
| 1633 | 135          | 1.19           | 30.9        | 1823 | 15           | .89            | 23.3        | 1872 | 315          | .79            | 20.5        | 2219 | 0            | 2.03           | 52.8        |
| 1634 | 120          | .86            | 22.3        | 1824 | 15           | .84            | 21.8        | 1873 | 135          | .85            | 22.0        | 2220 | 15           | 1.99           | 51.8        |
| 1635 | 120          | .90            | 23.4        | 1825 | 15           | 1.18           | 30.6        | 1874 | 30           | 1.83           | 47.7        | 2221 | 15           | 1.26           | 32.7        |
| 1701 | 120          | .78            | 20.2        | 1826 | 45           | .88            | 23.0        | 2101 | 30           | 1.46           | 38.0        | 2222 | 135          | 1.20           | 31.1        |
| 1702 | 315          | .68            | 17.8        | 1827 | 255          | .79            | 20.5        | 2102 | 45           | 1.14           | 29.6        | 2223 | 150          | 1.28           | 33.2        |
| 1703 | 315          | .69            | 18.1        | 1828 | 330          | .70            | 18.3        | 2103 | 225          | 1.41           | 36.6        | 2224 | 345          | 2.27           | 58.9        |
| 1704 | 300          | 1.40           | 36.5        | 1829 | 330          | .66            | 17.1        | 2104 | 45           | 1.30           | 33.8        | 2225 | 15           | 1.31           | 33.9        |
| 1705 | 300          | .98            | 25.4        | 1830 | 15           | .77            | 20.0        | 2105 | 30           | 1.53           | 39.7        | 2226 | 15           | .93            | 24.1        |
| 1706 | 300          | 1.58           | 41.1        | 1831 | 15           | .97            | 25.3        | 2106 | 225          | 1.44           | 37.4        | 2227 | 135          | .88            | 22.9        |
| 1707 | 15           | 1.02           | 26.5        | 1832 | 15           | .93            | 24.2        | 2107 | 30           | 1.53           | 39.9        | 2228 | 135          | 1.22           | 31.7        |
| 1708 | 45           | 1.30           | 33.7        | 1833 | 15           | .92            | 23.8        | 2108 | 225          | 1.72           | 44.8        | 2229 | 345          | 1.01           | 26.2        |
| 1709 | 0            | 1.04           | 27.0        | 1834 | 45           | .99            | 25.9        | 2109 | 30           | 1.74           | 45.3        | 2230 | 330          | .86            | 22.4        |
| 1710 | 300          | 1.06           | 27.7        | 1835 | 285          | .71            | 18.4        | 2110 | 30           | 1.71           | 44.5        | 2231 | 330          | 1.09           | 28.3        |
| 1711 | 60           | 1.16           | 30.3        | 1836 | 330          | .65            | 16.9        | 2111 | 45           | 1.49           | 38.8        | 2232 | 345          | .87            | 22.6        |
| 1712 | 315          | 1.23           | 31.9        | 1837 | 15           | .77            | 19.9        | 2112 | 45           | 1.46           | 38.0        | 2233 | 330          | .83            | 21.5        |
| 1713 | 135          | .84            | 21.8        | 1838 | 330          | .84            | 21.9        | 2113 | 45           | 1.76           | 45.9        | 2234 | 0            | .78            | 20.2        |
| 1714 | 15           | .82            | 21.4        | 1839 | 330          | .72            | 18.8        | 2114 | 45           | 1.87           | 48.6        | 2235 | 210          | .97            | 25.1        |
| 1715 | 300          | 1.15           | 29.9        | 1840 | 330          | .69            | 17.9        | 2115 | 45           | 1.56           | 40.0        | 2236 | 285          | .92            | 24.0        |
| 1716 | 60           | 1.04           | 27.1        | 1841 | 15           | .93            | 24.3        | 2116 | 45           | 1.46           | 38.0        | 2237 | 225          | 1.16           | 31.6        |
| 1717 | 210          | 1.20           | 31.2        | 1842 | 0            | 1.08           | 28.1        | 2117 | 30           | 2.47           | 64.3        | 2238 | 225          | 1.32           | 34.4        |
| 1718 | 210          | 1.08           | 30.7        | 1843 | 330          | .54            | 14.0        | 2118 | 45           | 2.07           | 53.3        | 2239 | 300          | 1.32           | 34.4        |
| 1719 | 210          | 1.04           | 27.2        | 1844 | 15           | .59            | 15.4        | 2119 | 60           | 1.51           | 39.3        | 2240 | 210          | 1.05           | 27.3        |
| 1720 | 300          | 1.07           | 27.8        | 1845 | 0            | 1.03           | 26.7        | 2120 | 60           | 1.39           | 36.2        | 2241 | 285          | .82            | 21.2        |

TABLE 6 -- PEAK LOADS-- CONFIGURATION A -- ONE DENVER PLACE -- DENVER, COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF

| TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD | TAP  | AZI-MUTH | PRESS COEFF | PSF LOAD |
|------|----------|-------------|----------|------|----------|-------------|----------|------|----------|-------------|----------|------|----------|-------------|----------|
| 2242 | 300      | 1.20        | 31.2     | 2418 | 60       | 1.49        | 38.7     | 2601 | 120      | 1.81        | 47.1     | 2716 | 75       | 1.17        | 30.4     |
| 2301 | 315      | 1.72        | 44.7     | 2419 | 210      | 1.68        | 43.6     | 2602 | 315      | 1.30        | 33.7     | 2717 | 30       | 2.06        | 53.5     |
| 2302 | 150      | 1.49        | 38.8     | 2420 | 225      | 1.61        | 41.8     | 2603 | 315      | 1.31        | 33.7     | 2718 | 30       | 2.19        | 57.0     |
| 2303 | 0        | 1.69        | 44.1     | 2421 | 225      | 1.39        | 36.1     | 2604 | 315      | 1.46        | 38.1     | 2719 | 0        | 2.12        | 55.1     |
| 2304 | 150      | 2.14        | 55.7     | 2422 | 60       | 1.53        | 39.7     | 2605 | 315      | 1.94        | 50.5     | 2720 | 90       | 1.34        | 34.9     |
| 2305 | 315      | 1.53        | 39.7     | 2423 | 60       | 1.47        | 38.1     | 2606 | 315      | 2.37        | 61.7     | 2721 | 90       | 1.80        | 46.7     |
| 2306 | 315      | 1.53        | 39.8     | 2424 | 225      | 1.85        | 48.1     | 2607 | 120      | 1.66        | 43.2     | 2722 | 105      | 1.95        | 50.8     |
| 2307 | 150      | 2.34        | 60.9     | 2425 | 210      | 1.74        | 45.1     | 2608 | 315      | 2.14        | 55.8     | 2723 | 90       | 1.50        | 38.9     |
| 2308 | 315      | 1.87        | 48.7     | 2426 | 225      | 1.39        | 36.2     | 2609 | 120      | 1.43        | 37.1     | 2724 | 345      | 1.53        | 39.7     |
| 2309 | 150      | 2.01        | 52.2     | 2427 | 0        | 1.50        | 39.0     | 2610 | 120      | 1.32        | 34.3     | 2725 | 30       | 1.28        | 33.3     |
| 2310 | 315      | 1.83        | 47.6     | 2428 | 45       | 1.45        | 37.7     | 2611 | 315      | 1.09        | 28.3     | 2801 | 90       | 1.08        | 28.1     |
| 2311 | 270      | 1.59        | 41.3     | 2429 | 210      | 1.50        | 39.0     | 2612 | 315      | 1.35        | 40.0     | 2802 | 90       | 1.36        | 35.4     |
| 2312 | 150      | 1.74        | 45.4     | 2430 | 60       | 1.48        | 38.5     | 2613 | 315      | 1.67        | 43.4     | 2803 | 90       | 1.16        | 30.1     |
| 2313 | 150      | 1.94        | 50.6     | 2431 | 15       | 1.14        | 29.6     | 2614 | 120      | 1.57        | 40.9     | 2804 | 210      | 1.55        | 40.2     |
| 2314 | 315      | 2.15        | 56.0     | 2432 | 15       | 1.15        | 29.9     | 2615 | 120      | 1.35        | 33.1     | 2805 | 195      | 1.51        | 39.4     |
| 2315 | 150      | 1.70        | 44.2     | 2433 | 15       | 1.20        | 31.3     | 2616 | 120      | 1.23        | 31.9     | 2806 | 90       | 1.40        | 36.5     |
| 2316 | 150      | 1.83        | 47.7     | 2434 | 15       | 1.03        | 26.8     | 2617 | 315      | 1.70        | 44.3     | 2807 | 105      | 1.48        | 38.5     |
| 2317 | 150      | 1.81        | 47.1     | 2435 | 15       | 1.06        | 27.6     | 2618 | 315      | 2.17        | 56.3     | 2808 | 105      | 2.01        | 52.3     |
| 2318 | 315      | 1.66        | 43.3     | 2436 | 195      | 1.66        | 43.1     | 2619 | 120      | 1.56        | 40.5     | 2809 | 90       | 1.97        | 51.3     |
| 2319 | 150      | 1.76        | 44.1     | 2437 | 195      | 1.19        | 30.9     | 2620 | 315      | 1.34        | 34.6     | 2810 | 330      | 1.90        | 49.3     |
| 2320 | 150      | 1.89        | 49.1     | 2438 | 195      | 1.19        | 30.9     | 2621 | 315      | 1.49        | 38.8     | 2811 | 135      | 1.86        | 47.4     |
| 2321 | 150      | 1.94        | 50.6     | 2439 | 195      | 1.41        | 36.7     | 2622 | 300      | 1.43        | 36.2     | 2812 | 135      | 1.86        | 47.4     |
| 2322 | 225      | 2.02        | 52.4     | 2440 | 315      | 1.25        | 32.5     | 2623 | 315      | 2.04        | 51.1     | 2813 | 195      | 1.90        | 50.5     |
| 2323 | 150      | 1.48        | 38.5     | 2441 | 15       | 1.34        | 34.8     | 2624 | 120      | 1.41        | 36.7     | 2814 | 90       | 1.50        | 39.1     |
| 2324 | 150      | 2.16        | 56.3     | 2442 | 15       | 2.02        | 52.4     | 2625 | 120      | 1.48        | 38.4     | 2815 | 90       | 1.78        | 46.4     |
| 2325 | 150      | 2.41        | 62.6     | 2443 | 15       | 1.25        | 32.4     | 2626 | 300      | 1.37        | 35.5     | 2816 | 105      | 1.97        | 51.3     |
| 2326 | 345      | 1.01        | 26.2     | 2444 | 15       | 1.95        | 50.8     | 2627 | 300      | 2.07        | 53.9     | 2817 | 330      | 1.93        | 49.3     |
| 2327 | 105      | 1.88        | 48.8     | 2445 | 165      | 1.51        | 39.2     | 2628 | 300      | 1.93        | 50.2     | 2818 | 330      | 1.78        | 46.3     |
| 2328 | 150      | 1.98        | 50.6     | 2446 | 15       | 1.80        | 46.9     | 2629 | 120      | 1.62        | 42.2     | 2819 | 330      | 1.73        | 46.0     |
| 2329 | 150      | 1.48        | 38.8     | 2447 | 150      | 1.50        | 38.9     | 2630 | 300      | 1.91        | 49.8     | 2820 | 120      | 1.65        | 45.9     |
| 2330 | 150      | 1.82        | 48.2     | 2448 | 15       | 1.36        | 35.4     | 2631 | 135      | 1.95        | 51.1     | 2821 | 195      | 1.52        | 42.4     |
| 2331 | 60       | 1.13        | 29.3     | 2449 | 15       | 1.53        | 39.9     | 2632 | 300      | 1.93        | 50.4     | 2822 | 15       | 1.65        | 42.3     |
| 2332 | 15       | 1.78        | 45.2     | 2450 | 15       | 1.86        | 48.3     | 2633 | 300      | 1.06        | 27.5     | 2823 | 90       | 1.66        | 42.3     |
| 2401 | 225      | 2.05        | 53.2     | 2451 | 15       | 1.28        | 33.2     | 2634 | 300      | 1.93        | 50.3     | 2824 | 330      | 1.77        | 46.0     |
| 2402 | 225      | 1.60        | 41.7     | 2452 | 15       | 1.44        | 37.4     | 2635 | 300      | 1.05        | 27.2     | 2825 | 330      | 1.73        | 45.7     |
| 2403 | 225      | 1.36        | 35.4     | 2453 | 15       | 1.61        | 41.8     | 2701 | 285      | 1.82        | 46.4     | 2826 | 330      | 1.76        | 46.9     |
| 2404 | 225      | 1.18        | 30.7     | 2454 | 15       | 1.77        | 46.0     | 2702 | 0        | 1.71        | 43.4     | 2827 | 135      | 1.65        | 45.9     |
| 2405 | 15       | 1.28        | 33.2     | 2455 | 15       | 1.28        | 33.4     | 2703 | 15       | 1.74        | 44.3     | 2828 | 135      | 1.84        | 48.1     |
| 2406 | 225      | 1.86        | 48.5     | 2456 | 15       | 1.39        | 36.1     | 2704 | 90       | 1.16        | 30.0     | 2829 | 195      | 1.77        | 47.0     |
| 2407 | 210      | 1.76        | 45.8     | 2457 | 15       | 1.62        | 42.2     | 2705 | 90       | 1.19        | 30.9     | 2830 | 135      | 1.96        | 50.1     |
| 2408 | 60       | 1.55        | 40.4     | 2458 | 15       | 1.88        | 48.9     | 2706 | 195      | 1.38        | 36.6     | 2831 | 15       | 1.54        | 41.0     |
| 2409 | 195      | 2.08        | 54.1     | 2459 | 150      | 1.16        | 30.2     | 2707 | 15       | 1.04        | 27.2     | 2832 | 330      | 1.64        | 46.6     |
| 2410 | 195      | 1.49        | 38.7     | 2460 | 15       | 1.24        | 32.3     | 2708 | 180      | 1.07        | 27.9     | 2833 | 330      | 1.70        | 48.1     |
| 2411 | 60       | 1.61        | 41.8     | 2461 | 0        | 1.59        | 41.3     | 2709 | 330      | 1.85        | 46.2     | 2834 | 345      | 1.69        | 48.0     |
| 2412 | 60       | 1.67        | 43.5     | 2462 | 15       | 1.71        | 44.5     | 2710 | 15       | 1.86        | 47.4     | 2835 | 11       | 1.66        | 47.1     |
| 2413 | 60       | 1.46        | 38.0     | 2463 | 285      | 1.04        | 27.1     | 2711 | 90       | 1.23        | 31.9     | 2836 | 345      | 1.72        | 48.7     |
| 2414 | 225      | 1.91        | 49.8     | 2464 | 15       | 1.97        | 51.1     | 2712 | 90       | 1.48        | 38.6     | 2837 | 31       | 1.62        | 46.2     |
| 2415 | 225      | 1.86        | 48.5     | 2465 | 285      | 1.92        | 50.1     | 2713 | 90       | 1.33        | 36.6     | 2838 | 345      | 1.78        | 48.4     |
| 2416 | 225      | 1.54        | 40.1     | 2466 | 15       | 1.77        | 45.1     | 2714 | 330      | 1.01        | 26.4     | 2839 | 34       | 1.65        | 46.9     |
| 2417 | 60       | 1.55        | 40.2     | 2467 | 15       | 1.30        | 33.9     | 2715 | 105      | 1.05        | 27.3     | 2840 | 15       | 1.65        | 46.9     |

TABLE 6 -- PEAK LOADS-- CONFIGURATION A -- ONE DENVER PLACE -- DENVER , COLORADO  
LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN) AND PSF LOAD FOR REFERENCE PRESSURE = 26 PSF

| TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD | TAP  | AZI-<br>MUTH | PRESS<br>COEFF | PSF<br>LOAD |
|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|------|--------------|----------------|-------------|
| 2841 | 330          | .71            | 18.5        | 2850 | 120          | .65            | 16.8        | 2858 | 45           | .86            | 22.5        | 2866 | 330          | .63            | 16.4        |
| 2842 | 45           | .80            | 20.7        | 2851 | 210          | .36            | 9.3         | 2859 | 15           | 1.57           | 40.9        | 2867 | 90           | .77            | 20.0        |
| 2843 | 210          | .54            | 14.0        | 2851 | 210          | .36            | 9.3         | 2860 | 300          | 1.64           | 42.7        | 2868 | 15           | .50            | 13.1        |
| 2844 | 195          | .48            | 12.5        | 2852 | 15           | .66            | 17.1        | 2861 | 285          | 1.51           | 39.2        | 2869 | 300          | .69            | 18.0        |
| 2845 | 330          | .56            | 14.6        | 2853 | 15           | .41            | 10.7        | 2862 | 315          | 1.44           | 37.4        | 2870 | 195          | .53            | 13.7        |
| 2846 | 330          | .70            | 18.1        | 2854 | 330          | .44            | 11.5        | 2863 | 30           | 1.27           | 32.9        | 2871 | 15           | .51            | 13.2        |
| 2847 | 300          | .64            | 16.6        | 2855 | 330          | .47            | 12.1        | 2864 | 330          | .69            | 18.0        | 2872 | 285          | .62            | 16.2        |
| 2848 | 300          | .64            | 16.6        | 2856 | 345          | .53            | 13.9        | 2865 | 105          | .74            | 19.2        | 2873 | 330          | .71            | 18.5        |
| 2849 | 330          | .60            | 15.7        | 2857 | 15           | 1.16           | 30.2        |      |              |                |             |      |              |                |             |

TABLE 7 -  
TOTAL FORCE AND MOMENT LOADS- ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

REF. PRESS- 26.PSF GUST FACTOR- 1.96 REF AREA- 9000. SQ FT REF. LENGTH- 55.FT.

| AZIMUTH | CFX   | CFY   | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY    | CMZ   | MOM(X)<br>(1000-FT-KIPS) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|---------|-------|-------|--------------------|--------------------|-------|--------|-------|--------------------------|--------------------------|--------|
| 0       | .29   | -.93  | 139.4              | -423.8             | 4.06  | 3.73   | -.84  | 102.6                    | 94.0                     | -21.2  |
| 15      | -1.09 | -.51  | -505.8             | -234.0             | 2.16  | -2.99  | .12   | 54.2                     | -75.9                    | 3.0    |
| 30      | -2.57 | -.54  | -1179.1            | -246.1             | 2.18  | -10.36 | .80   | 55.4                     | -261.4                   | 20.2   |
| 45      | -3.12 | -.33  | -1433.4            | -152.2             | 1.12  | -12.90 | 1.09  | 28.0                     | -325.1                   | 27.5   |
| 60      | -2.77 | -.55  | -1270.4            | -260.4             | 2.43  | -9.85  | .75   | 60.8                     | -248.5                   | 18.9   |
| 75      | -2.45 | .20   | -1124.1            | 88.4               | -.88  | -8.32  | .30   | -22.2                    | -210.0                   | 7.6    |
| 90      | -3.42 | 1.05  | -1560.2            | 480.5              | -4.84 | -12.43 | -.49  | -121.7                   | -313.6                   | -12.4  |
| 105     | -4.34 | .83   | -1991.5            | 377.9              | -4.10 | -15.91 | -1.41 | -103.5                   | -401.0                   | -35.6  |
| 120     | -4.91 | .62   | -2241.2            | 289.3              | -3.85 | -18.79 | -1.74 | -96.7                    | -474.2                   | -43.9  |
| 135     | -4.53 | .01   | -2071.5            | 4.7                | -1.02 | -17.95 | -1.91 | -25.9                    | -453.1                   | -48.2  |
| 150     | -1.79 | .18   | -821.1             | 82.0               | -1.00 | -8.44  | -1.01 | -24.9                    | -212.6                   | -25.5  |
| 165     | .01   | .66   | 1.5                | 310.6              | -2.48 | -.08   | .27   | -62.7                    | -2.1                     | 6.8    |
| 180     | 1.26  | 1.60  | 580.0              | 728.0              | -6.64 | 6.48   | 1.15  | -167.5                   | 163.6                    | 29.0   |
| 195     | 1.63  | 1.93  | 751.3              | 887.9              | -7.57 | 7.14   | 1.42  | -190.5                   | 180.3                    | 35.8   |
| 210     | 1.40  | 1.41  | 638.7              | 650.3              | -5.44 | 6.84   | 1.46  | -136.7                   | 172.5                    | 36.8   |
| 225     | 1.02  | 1.20  | 466.6              | 550.2              | -4.99 | 5.11   | 1.18  | -125.3                   | 128.8                    | 29.8   |
| 240     | 1.06  | .88   | 491.2              | 405.0              | -3.30 | 5.10   | .46   | -83.5                    | 129.1                    | 11.6   |
| 255     | 1.22  | .59   | 560.0              | 276.1              | -2.38 | 7.22   | .36   | -59.9                    | 181.9                    | 9.1    |
| 270     | 1.33  | -.42  | 612.8              | -194.2             | 2.14  | 8.39   | -.38  | 53.8                     | 211.7                    | -9.6   |
| 285     | 2.33  | -.91  | 1068.3             | -415.1             | 4.65  | 12.19  | -.79  | 117.3                    | 307.2                    | -19.9  |
| 300     | 1.80  | -2.23 | 822.0              | -1021.5            | 10.11 | 8.73   | -1.47 | 254.9                    | 220.0                    | -37.1  |
| 315     | 2.10  | -1.99 | 963.2              | -902.5             | 8.49  | 10.51  | -1.81 | 213.9                    | 264.6                    | -45.7  |
| 330     | 2.20  | -1.55 | 1015.0             | -707.0             | 5.72  | 11.74  | -2.29 | 144.2                    | 296.5                    | -57.8  |
| 345     | 1.28  | -1.21 | 581.4              | -555.4             | 4.64  | 7.38   | -1.94 | 116.8                    | 186.4                    | -48.9  |

TABLE 7 -  
TOTAL FORCE AND MOMENT LOADS- ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

| REF. PRESS- 26.PSF GUST FACTOR- 1.96 REF AREA- 9000. SQ FT REF. LENGTH- 55.FT. |       |       |                    |                    |        |        |       |                          |                          |        |
|--------------------------------------------------------------------------------|-------|-------|--------------------|--------------------|--------|--------|-------|--------------------------|--------------------------|--------|
| AZIMUTH                                                                        | CFX   | CFY   | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX    | CMY    | CMZ   | MOM(X)<br>(1000-FT-KIPS) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
| 0                                                                              | 1.16  | 2.70  | 524.6              | 1236.5             | -11.26 | 7.86   | 1.07  | -283.7                   | 198.1                    | 27.0   |
| 15                                                                             | 1.20  | 2.70  | 90.3               | 1237.9             | -11.04 | 3.13   | 1.08  | -278.7                   | 78.9                     | 27.2   |
| 30                                                                             | 1.43  | 2.14  | 660.1              | 982.5              | -8.25  | 8.29   | 1.53  | -208.3                   | 209.4                    | 38.6   |
| 45                                                                             | 2.25  | 2.16  | 1032.2             | 993.8              | -8.49  | 11.56  | 1.78  | -214.2                   | 291.6                    | 44.9   |
| 60                                                                             | 1.61  | 2.18  | 741.2              | 998.9              | -9.29  | 8.63   | 1.38  | -234.2                   | 218.4                    | 34.8   |
| 75                                                                             | 3.15  | 1.36  | 1445.3             | 166.2              | -2.31  | 14.33  | 1.51  | -58.4                    | 361.3                    | 12.9   |
| 90                                                                             | 3.97  | 1.38  | 1822.3             | -167.0             | 4.88   | 17.55  | 1.03  | 22.1                     | 442.9                    | -1.8   |
| 105                                                                            | 3.18  | -1.02 | 1456.9             | -465.7             | 4.61   | 14.21  | -1.60 | 116.4                    | 358.6                    | -15.1  |
| 120                                                                            | 1.83  | -2.23 | 840.7              | -1027.3            | 9.30   | 9.16   | -1.49 | 234.5                    | 230.9                    | -37.6  |
| 135                                                                            | 2.19  | -1.91 | 1005.4             | -880.8             | 7.47   | 11.12  | -1.95 | 188.8                    | 280.5                    | -49.2  |
| 150                                                                            | 1.76  | -1.22 | 811.3              | -560.5             | 4.47   | 9.21   | -1.63 | 112.5                    | 232.2                    | -41.1  |
| 165                                                                            | 1.35  | -1.60 | 161.7              | -278.5             | 2.80   | 3.04   | 1.72  | 70.5                     | 76.5                     | -18.2  |
| 180                                                                            | 1.78  | -1.42 | -360.3             | -192.2             | 2.09   | -1.78  | 1.02  | 52.7                     | -45.2                    | 9.5    |
| 195                                                                            | -1.97 | -1.22 | -906.2             | -555.1             | 5.56   | -6.82  | 1.38  | 140.3                    | -172.0                   | 9.6    |
| 210                                                                            | -2.99 | -1.76 | -1371.6            | -341.2             | 3.10   | -11.38 | 1.06  | 78.1                     | -287.1                   | 26.7   |
| 225                                                                            | -3.15 | -1.32 | -1430.2            | -147.5             | 1.56   | -12.45 | 1.27  | 39.3                     | -314.3                   | 32.0   |
| 240                                                                            | -1.92 | 1.04  | -420.7             | 22.3               | 1.18   | -3.66  | 1.26  | -4.5                     | -92.2                    | 6.6    |
| 255                                                                            | -1.93 | 1.54  | -886.8             | 250.4              | -2.56  | -8.10  | 1.41  | -64.5                    | -204.2                   | -10.3  |
| 270                                                                            | -2.80 | 1.78  | -1293.1            | 353.9              | -3.83  | -10.83 | 1.97  | -96.2                    | -273.3                   | -24.5  |
| 285                                                                            | -4.09 | 1.57  | -1881.3            | 263.2              | -3.10  | -15.49 | 1.21  | -77.9                    | -390.7                   | -30.5  |
| 300                                                                            | -4.53 | 1.43  | -2080.9            | 203.8              | -2.72  | -17.62 | 1.52  | -68.0                    | -444.2                   | -38.3  |
| 315                                                                            | -2.12 | 1.44  | -971.4             | 199.0              | -1.80  | -7.96  | 1.84  | -45.7                    | -200.8                   | -21.2  |
| 330                                                                            | 1.26  | 1.55  | -123.6             | 712.6              | -6.40  | 1.78   | 1.05  | -161.4                   | 20.1                     | -1.3   |
| 345                                                                            | 1.39  | 2.27  | 175.6              | 1038.0             | -9.28  | 4.47   | 1.47  | -234.2                   | 112.9                    | 11.9   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 0 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|------|------|--------|--------------------------|--------|
| 1     | -.18 | -.02 | -80.7              | -8.8               | .01 | -.05 | -.03 | .133   | -1.211                   | -.757  |
| 2     | -.12 | -.02 | -55.7              | -7.9               | .01 | -.08 | -.01 | .317   | -2.229                   | -.252  |
| 3     | -.14 | -.06 | -63.8              | -27.0              | .08 | -.19 | -.03 | 2.025  | -4.787                   | -.757  |
| 4     | -.02 | -.12 | -8.1               | -56.5              | .28 | -.04 | -.05 | 7.068  | -1.018                   | -1.261 |
| 5     | .08  | -.12 | 36.9               | -57.0              | .40 | .25  | -.11 | 9.972  | 6.457                    | -2.775 |
| 6     | .13  | -.13 | 61.1               | -58.4              | .52 | .54  | -.14 | 13.137 | 13.735                   | -3.532 |
| 7     | .16  | -.13 | 74.5               | -59.3              | .64 | .81  | -.15 | 16.310 | 20.466                   | -3.784 |
| 8     | .17  | -.14 | 77.2               | -64.5              | .83 | 1.00 | -.15 | 20.957 | 25.079                   | -3.784 |
| 9     | .17  | -.11 | 76.4               | -52.9              | .78 | 1.14 | -.14 | 19.820 | 28.642                   | -3.532 |
| 10    | .04  | -.07 | 21.6               | -31.4              | .51 | .35  | -.03 | 12.835 | 8.837                    | -.757  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 15 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.90 FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|------|------|--------|--------------------------|--------|
| 1     | -.16 | .01  | -75.4              | 1.2                | .00 | -.04 | -.01 | -.018  | -1.131                   | -.252  |
| 2     | -.11 | .00  | -54.0              | -.1                | .00 | -.08 | .01  | .005   | -2.159                   | .252   |
| 3     | -.21 | -.02 | -93.4              | -10.0              | .03 | -.28 | .01  | .749   | -7.009                   | .252   |
| 4     | -.11 | -.11 | -53.1              | -50.4              | .25 | -.26 | .07  | 6.298  | -6.633                   | 1.766  |
| 5     | -.16 | -.10 | -72.0              | -44.7              | .31 | -.49 | .06  | 7.825  | -12.589                  | 1.514  |
| 6     | -.11 | -.08 | -53.2              | -38.5              | .33 | -.47 | .02  | 8.680  | -11.980                  | .505   |
| 7     | -.08 | -.06 | -38.0              | -30.1              | .33 | -.41 | .00  | 8.257  | -10.435                  | .000   |
| 8     | -.06 | -.05 | -27.6              | -22.7              | .30 | -.35 | -.01 | 7.375  | -8.979                   | -.252  |
| 9     | -.06 | -.05 | -27.2              | -23.0              | .35 | -.40 | -.02 | 8.612  | -10.194                  | -.505  |
| 10    | -.02 | -.04 | -11.7              | -15.7              | .25 | -.18 | -.01 | 6.416  | -4.784                   | -.252  |



TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 30 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|-------|------|--------|--------------------------|--------|
| 1     | -.16 | .00  | -72.6              | -1.1               | .00 | -.04  | -.01 | -.001  | -1.089                   | -.252  |
| 2     | -.12 | -.01 | -53.7              | -1.7               | .00 | -.08  | .00  | .069   | -2.147                   | -.000  |
| 3     | -.28 | -.04 | -125.2             | -15.1              | .04 | -.37  | .00  | 1.135  | -9.388                   | .000   |
| 4     | -.23 | -.11 | -102.4             | -51.9              | .23 | -.51  | .12  | 6.486  | -12.796                  | .027   |
| 5     | -.30 | -.09 | -139.8             | -41.0              | .29 | -.97  | .15  | 7.181  | -24.468                  | .784   |
| 6     | -.33 | -.08 | -151.0             | -37.1              | .33 | -1.35 | .15  | 8.340  | -33.985                  | .532   |
| 7     | -.35 | -.08 | -160.5             | -34.6              | .37 | -1.75 | .14  | 9.535  | -44.138                  | .332   |
| 8     | -.35 | -.07 | -162.3             | -33.3              | .42 | -2.09 | .12  | 10.826 | -52.750                  | .027   |
| 9     | -.37 | -.06 | -172.9             | -30.5              | .45 | -2.57 | .12  | 11.440 | -64.829                  | .027   |
| 10    | -.08 | .00  | -38.6              | -1.0               | .01 | -.62  | .01  | .407   | -15.770                  | .252   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 45 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|---------|--------------------------|--------|
| 1     | -.14 | .00  | -66.0              | -1.6               | .00  | -.04  | -.02 | .025    | -.989                    | -.505  |
| 2     | -.11 | .00  | -52.0              | -2.5               | .00  | -.08  | -.00 | .102    | -2.083                   | -.000  |
| 3     | -.30 | -.04 | -135.9             | -16.7              | .05  | -.40  | -.02 | 1.252   | -10.192                  | -.505  |
| 4     | -.28 | -.09 | -127.7             | -42.6              | .21  | -.64  | .12  | 5.324   | -15.958                  | 3.027  |
| 5     | -.40 | -.06 | -181.8             | -24.1              | .17  | -1.26 | .19  | 4.214   | -31.812                  | 4.793  |
| 6     | -.45 | -.05 | -205.7             | -20.9              | .18  | -1.84 | .20  | 4.697   | -46.276                  | 5.045  |
| 7     | -.47 | -.05 | -217.5             | -20.4              | .22  | -2.37 | .20  | 5.597   | -59.816                  | 5.045  |
| 8     | -.47 | -.04 | -214.0             | -21.5              | .28  | -2.76 | .20  | 6.985   | -69.536                  | 5.045  |
| 9     | -.44 | -.06 | -199.5             | -27.4              | .41  | -2.97 | .20  | 10.273  | -74.810                  | 5.045  |
| 10    | -.07 | .06  | -33.4              | 25.5               | -.41 | -.54  | .02  | -10.421 | -13.631                  | .505   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 60 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.16 | -.01 | -72.8              | -6.5               | .00  | -.04  | -.03 | .098   | -1.092                   | -.757  |
| 2     | -.13 | .00  | -59.5              | -.5                | .00  | -.10  | -.01 | .021   | -2.378                   | -.252  |
| 3     | -.41 | .00  | -188.7             | -.8                | .01  | -.56  | -.01 | .062   | -14.146                  | -.252  |
| 4     | -.37 | -.08 | -165.8             | -39.0              | .20  | -.82  | .11  | 4.873  | -20.729                  | 2.775  |
| 5     | -.40 | -.09 | -185.1             | -45.0              | .31  | -1.29 | .16  | 7.878  | -32.394                  | 4.036  |
| 6     | -.37 | -.11 | -172.1             | -51.1              | .46  | -1.53 | .15  | 11.485 | -38.713                  | 3.784  |
| 7     | -.34 | -.11 | -155.1             | -52.0              | .57  | -1.69 | .14  | 14.298 | -42.644                  | 3.532  |
| 8     | -.28 | -.10 | -130.5             | -44.7              | .58  | -1.68 | .12  | 14.526 | -42.406                  | 3.027  |
| 9     | -.23 | -.06 | -107.1             | -31.0              | .46  | -1.59 | .11  | 11.616 | -40.134                  | 2.775  |
| 10    | -.08 | .02  | -33.8              | 10.0               | -.16 | -.54  | .01  | -4.103 | -13.825                  | .252   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 75 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.16 | .00 | -72.8              | 5.4                | .00  | -.04  | -.01 | -.006  | -1.092                   | -.252  |
| 2     | -.13 | .01 | -57.8              | 5.9                | -.01 | -.09  | .00  | -.236  | -2.314                   | .000   |
| 3     | -.38 | .03 | -177.5             | 13.0               | -.04 | -.53  | .02  | -.978  | -13.313                  | .505   |
| 4     | -.39 | .01 | -181.5             | 3.3                | -.02 | -.90  | .06  | -.416  | -22.684                  | 1.514  |
| 5     | -.36 | .01 | -165.7             | 2.9                | -.02 | -1.15 | .08  | -.504  | -28.997                  | 2.018  |
| 6     | -.30 | .01 | -135.3             | 8.1                | -.07 | -1.20 | .06  | -1.835 | -30.446                  | 1.514  |
| 7     | -.24 | .03 | -108.5             | 13.4               | -.15 | -1.18 | .04  | -3.695 | -29.821                  | 1.009  |
| 8     | -.20 | .04 | -89.0              | 19.6               | -.25 | -1.15 | .01  | -6.363 | -28.913                  | .252   |
| 9     | -.21 | .05 | -93.3              | 20.9               | -.31 | -1.39 | .02  | -7.864 | -34.991                  | .505   |
| 10    | -.09 | .01 | -42.7              | .7                 | -.01 | -.69  | .02  | -.298  | -17.431                  | .505   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 90 REF. PRESS. -26 PSF GUST FACTOR= 1.960 REF. AREA- 9000.00 FT REF. LENGTH- 55. FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-------|-------|------|---------|--------------------------|--------|
| 1     | -.21 | .00  | -35.3              | 3.1                | .00   | -.06  | -.01 | -.002   | -1.430                   | -.252  |
| 2     | -.16 | -.01 | -71.9              | -3.3               | .00   | -.11  | -.02 | -.133   | -2.875                   | -.505  |
| 3     | -.59 | .01  | -273.6             | 7.1                | -.02  | -.81  | -.01 | -.532   | -20.523                  | -1.766 |
| 4     | -.42 | .13  | -191.0             | 60.2               | -.30  | -.95  | -.07 | -7.521  | -23.870                  | -1.766 |
| 5     | -.38 | .18  | -175.6             | 82.7               | -.57  | -1.22 | -.09 | -14.472 | -30.727                  | -2.270 |
| 6     | -.35 | .18  | -162.4             | 84.6               | -.76  | -1.45 | -.10 | -19.036 | -36.529                  | -2.523 |
| 7     | -.36 | .19  | -163.9             | 87.0               | -.95  | -1.78 | -.10 | -23.913 | -45.070                  | -2.523 |
| 8     | -.42 | .19  | -190.6             | 89.1               | -1.15 | -2.45 | -.07 | -28.960 | -61.939                  | -1.766 |
| 9     | -.37 | .16  | -170.3             | 73.6               | -1.10 | -2.54 | -.08 | -27.604 | -63.899                  | -2.018 |
| 10    | -.14 | .00  | -65.4              | -.5                | .01   | -1.05 | .00  | .193    | -26.714                  | .000   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 105 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-------|-------|------|---------|--------------------------|--------|
| 1     | -.24 | .00  | -110.7             | -2.3               | .00   | -.07  | -.03 | .035    | -1.660                   | -.757  |
| 2     | -.19 | -.01 | -86.6              | -3.5               | .01   | -.13  | -.01 | .139    | -3.462                   | -.252  |
| 3     | -.70 | -.04 | -321.0             | -15.3              | .05   | -.95  | -.06 | 1.150   | -24.070                  | -1.514 |
| 4     | -.54 | .08  | -246.8             | 38.5               | -.19  | -1.22 | -.16 | -4.812  | -30.851                  | -4.036 |
| 5     | -.52 | .14  | -239.5             | 63.7               | -.45  | -1.66 | -.19 | -11.156 | -41.908                  | -4.793 |
| 6     | -.53 | .16  | -242.6             | 72.2               | -.64  | -2.17 | -.21 | -16.231 | -54.585                  | -5.297 |
| 7     | -.53 | .16  | -243.2             | 77.3               | -.84  | -2.65 | -.23 | -21.244 | -66.865                  | -5.802 |
| 8     | -.52 | .17  | -239.3             | 78.6               | -1.02 | -3.08 | -.24 | -25.548 | -77.757                  | -6.054 |
| 9     | -.46 | .15  | -212.6             | 67.5               | -1.00 | -3.16 | -.24 | -25.295 | -79.701                  | -6.054 |
| 10    | -.11 | .01  | -49.4              | 1.3                | -.02  | -.80  | -.04 | -.549   | -20.185                  | -1.009 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 120 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-------|-------|------|---------|--------------------------|--------|
| 1     | -.22 | -.05 | -99.9              | -21.6              | .01   | -.06  | -.07 | .324    | -1.499                   | -1.766 |
| 2     | -.18 | -.05 | -80.6              | -20.8              | .03   | -.13  | -.06 | .830    | -3.224                   | -1.514 |
| 3     | -.70 | -.11 | -320.3             | -49.4              | .15   | -.95  | -.11 | 3.697   | -24.024                  | -2.775 |
| 4     | -.60 | .05  | -275.6             | 23.3               | -.12  | -1.36 | -.21 | -2.920  | -34.456                  | -5.297 |
| 5     | -.60 | .15  | -274.3             | 68.0               | -.47  | -1.90 | -.24 | -11.893 | -48.003                  | -6.054 |
| 6     | -.61 | .16  | -278.7             | 71.3               | -.64  | -2.49 | -.25 | -16.035 | -62.708                  | -6.306 |
| 7     | -.63 | .16  | -286.7             | 74.2               | -.81  | -3.13 | -.26 | -20.398 | -78.835                  | -6.559 |
| 8     | -.64 | .16  | -295.6             | 76.6               | -.99  | -3.80 | -.26 | -24.911 | -96.058                  | -6.559 |
| 9     | -.60 | .15  | -272.7             | 68.0               | -1.01 | -4.05 | -.24 | -25.517 | -102.232                 | -6.054 |
| 10    | -.13 | .00  | -56.8              | -.4                | .00   | -.92  | -.04 | .129    | -23.204                  | -1.009 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 135 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MON(X)  | MON(Y)<br>(1000-FT-KIPS) | MON(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|---------|--------------------------|--------|
| 1     | -.18 | -.04 | -87.3              | -19.4              | .01  | -.05  | -.08 | .291    | -1.309                   | -2.018 |
| 2     | -.16 | -.06 | -70.6              | -26.4              | .04  | -.11  | -.07 | 1.056   | -2.826                   | -1.766 |
| 3     | -.36 | -.13 | -256.0             | -64.6              | .19  | -.76  | -.14 | 4.841   | -19.208                  | -3.532 |
| 4     | -.54 | -.02 | -247.8             | -9.8               | .05  | -1.22 | -.24 | 1.220   | -30.979                  | -6.054 |
| 5     | -.56 | .05  | -255.3             | 22.6               | -.16 | -1.77 | -.28 | -3.965  | -44.675                  | -7.063 |
| 6     | -.57 | .06  | -262.0             | 25.4               | -.23 | -2.33 | -.26 | -5.711  | -58.945                  | -6.559 |
| 7     | -.60 | .06  | -272.9             | 29.3               | -.32 | -2.98 | -.26 | -8.060  | -75.057                  | -6.559 |
| 8     | -.63 | .08  | -288.1             | 36.1               | -.46 | -3.71 | -.25 | -11.751 | -93.636                  | -6.306 |
| 9     | -.59 | .05  | -267.8             | 23.6               | -.35 | -3.98 | -.26 | -8.854  | -100.449                 | -6.559 |
| 10    | -.14 | -.03 | -63.6              | -12.3              | .20  | -1.03 | -.07 | 5.020   | -26.014                  | -1.766 |



TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 150 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.06 | .00  | -27.0              | 1.3                | .00  | -.01  | -.02 | -.018  | -.404                    | -.505  |
| 2     | -.04 | .00  | -19.1              | -1.4               | .00  | -.03  | -.01 | -.056  | -.763                    | -.252  |
| 3     | -.16 | -.01 | -70.2              | -5.0               | .01  | -.21  | -.03 | -.378  | -3.266                   | -.757  |
| 4     | -.13 | .01  | -58.6              | 4.5                | -.02 | -.29  | -.07 | -.557  | -7.334                   | -1.766 |
| 5     | -.14 | .01  | -66.3              | 6.9                | -.05 | -.46  | -.10 | -1.199 | -11.594                  | -2.523 |
| 6     | -.19 | .02  | -89.0              | 11.4               | -.10 | -.79  | -.13 | -2.562 | -20.022                  | -3.279 |
| 7     | -.25 | .04  | -114.6             | 18.5               | -.21 | -1.25 | -.15 | -5.085 | -31.499                  | -3.784 |
| 8     | -.32 | .06  | -146.2             | 29.0               | -.37 | -1.89 | -.18 | -9.420 | -47.541                  | -4.541 |
| 9     | -.37 | .02  | -173.0             | 11.4               | -.17 | -2.57 | -.24 | -4.265 | -64.874                  | -6.054 |
| 10    | -.13 | .01  | -57.1              | 5.6                | -.09 | -.93  | -.08 | -2.263 | -23.305                  | -2.018 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 165 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|------|------|-----|---------|--------------------------|--------|
| 1     | -.01 | .07 | -7.4               | 33.0               | -.02 | -.01 | .02 | -.495   | -.110                    | .505   |
| 2     | -.01 | .04 | -6.6               | 21.6               | -.04 | -.01 | .02 | -.864   | -.263                    | .503   |
| 3     | -.01 | .09 | -2.3               | 42.1               | -.12 | -.01 | .03 | -3.161  | -.192                    | .757   |
| 4     | .04  | .06 | 14.3               | 30.1               | -.15 | .08  | .04 | -3.762  | 1.814                    | 1.009  |
| 5     | .03  | .06 | 11.6               | 25.7               | -.18 | .08  | .05 | -4.502  | 2.037                    | 1.261  |
| 6     | .01  | .06 | 5.7                | 29.6               | -.26 | .05  | .04 | -6.662  | 1.278                    | 1.009  |
| 7     | .00  | .07 | 3.3                | 34.2               | -.37 | .01  | .04 | -9.408  | .074                     | 1.009  |
| 8     | -.01 | .08 | -3.5               | 40.3               | -.52 | -.07 | .02 | -13.094 | -1.806                   | .505   |
| 9     | -.01 | .08 | -8.1               | 38.8               | -.57 | -.12 | .01 | -14.563 | -3.039                   | .252   |
| 10    | -.01 | .03 | -3.5               | 15.1               | -.23 | -.09 | .00 | -6.158  | -2.254                   | .000   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 180 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.90 FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.01 | .10 | -7.1               | 45.3               | -.03  | -.00 | .04 | -.678   | -.105                    | 1.009  |
| 2     | -.01 | .07 | -7.1               | 32.5               | -.05  | -.01 | .02 | -1.298  | -.288                    | .505   |
| 3     | .04  | .17 | 19.3               | 75.6               | -.23  | -.06 | .07 | -5.673  | 1.449                    | 1.766  |
| 4     | .11  | .15 | 48.0               | 68.4               | -.34  | .24  | .11 | -8.552  | 6.003                    | 2.775  |
| 5     | .15  | .15 | 68.5               | 66.7               | -.46  | .47  | .15 | -11.669 | 11.981                   | 3.784  |
| 6     | .19  | .16 | 86.8               | 76.6               | -.69  | .77  | .16 | -17.246 | 19.550                   | 4.036  |
| 7     | .22  | .21 | 102.0              | 92.5               | -1.01 | 1.11 | .17 | -25.430 | 28.049                   | 4.288  |
| 8     | .23  | .25 | 105.5              | 115.4              | -1.48 | 1.36 | .18 | -37.508 | 34.280                   | 4.541  |
| 9     | .28  | .25 | 131.2              | 117.0              | -1.74 | 1.95 | .20 | -43.881 | 49.187                   | 5.045  |
| 10    | .07  | .08 | 33.0               | 38.0               | -.62  | .53  | .05 | -15.565 | 13.465                   | 1.261  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 195 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.01 | .13 | -6.1               | 56.9               | -.04  | -.01 | .06 | - .852  | - .091                   | 1.514  |
| 2     | -.02 | .09 | -7.8               | 42.4               | -.07  | -.01 | .03 | -1.698  | - .310                   | 1.757  |
| 3     | .11  | .23 | 48.7               | 104.2              | -.31  | .14  | .11 | -7.808  | 3.653                    | 2.775  |
| 4     | .25  | .21 | 114.3              | 95.5               | -.47  | .57  | .18 | -11.938 | 14.297                   | 4.341  |
| 5     | .29  | .22 | 134.3              | 101.3              | -.71  | .93  | .20 | -17.719 | 23.501                   | 5.045  |
| 6     | .28  | .23 | 129.2              | 106.4              | -.95  | 1.15 | .20 | -23.942 | 29.080                   | 5.045  |
| 7     | .26  | .25 | 121.0              | 114.1              | -1.24 | 1.32 | .20 | -31.384 | 33.287                   | 5.045  |
| 8     | .24  | .27 | 108.8              | 124.4              | -1.60 | 1.40 | .20 | -40.419 | 33.360                   | 5.045  |
| 9     | .19  | .23 | 85.6               | 106.7              | -1.58 | 1.27 | .19 | -40.009 | 32.115                   | 4.793  |
| 10    | .05  | .08 | 23.1               | 36.1               | -.59  | .37  | .05 | -14.757 | 9.428                    | 1.261  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 210 REF. PRESS. -26 PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.04 | .08 | -19.7              | 40.9               | -.03  | -.01 | .04 | -.614   | -.296                    | 1.009  |
| 2     | -.04 | .08 | -17.0              | 33.3               | -.06  | -.03 | .02 | -1.333  | -.682                    | .505   |
| 3     | .04  | .17 | 19.3               | 79.7               | -.24  | .06  | .07 | -5.981  | 1.447                    | 1.766  |
| 4     | .18  | .16 | 85.2               | 72.3               | -.35  | .42  | .16 | -9.037  | 10.649                   | 4.036  |
| 5     | .23  | .17 | 101.6              | 77.0               | -.54  | .71  | .20 | -13.480 | 17.785                   | 5.045  |
| 6     | .23  | .18 | 108.1              | 80.5               | -.72  | .96  | .22 | -18.129 | 24.328                   | 5.550  |
| 7     | .25  | .18 | 113.7              | 82.9               | -.91  | 1.24 | .23 | -22.795 | 31.269                   | 5.802  |
| 8     | .26  | .19 | 120.0              | 84.8               | -1.10 | 1.55 | .23 | -27.559 | 39.005                   | 5.802  |
| 9     | .21  | .16 | 93.5               | 77.3               | -1.15 | 1.39 | .22 | -28.976 | 35.069                   | 5.550  |
| 10    | .08  | .05 | 34.0               | 21.6               | -.35  | .55  | .07 | -8.822  | 13.884                   | 1.766  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 225 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.02 | .06 | -10.5              | 30.8               | -.02  | -.01 | .03 | -.461   | -.158                    | .757   |
| 2     | -.02 | .05 | -9.6               | 23.6               | -.04  | -.01 | .01 | -.944   | -.384                    | .252   |
| 3     | .01  | .12 | 4.1                | 56.0               | -.17  | .01  | .04 | -4.201  | .306                     | 1.009  |
| 4     | .13  | .11 | 60.6               | 50.7               | -.25  | .30  | .12 | -6.330  | 7.574                    | 3.027  |
| 5     | .16  | .13 | 73.0               | 59.4               | -.41  | .51  | .16 | -10.401 | 12.766                   | 4.036  |
| 6     | .16  | .15 | 75.6               | 66.8               | -.59  | .68  | .18 | -15.032 | 17.005                   | 4.541  |
| 7     | .18  | .16 | 79.2               | 73.7               | -.81  | .86  | .20 | -20.258 | 21.774                   | 5.045  |
| 8     | .18  | .18 | 84.1               | 81.6               | -1.05 | 1.08 | .20 | -26.503 | 27.343                   | 5.045  |
| 9     | .16  | .18 | 72.5               | 82.3               | -1.22 | 1.08 | .18 | -30.861 | 27.207                   | 4.541  |
| 10    | .08  | .06 | 37.6               | 25.3               | -.41  | .61  | .06 | -10.353 | 15.370                   | 1.514  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 240 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|------|------|-----|---------|--------------------------|--------|
| 1     | -.03 | .07 | -12.2              | 32.6               | -.02 | -.01 | .02 | -.489   | -.183                    | .505   |
| 2     | -.01 | .04 | -6.2               | 19.2               | -.03 | -.01 | .02 | -.769   | -.247                    | .505   |
| 3     | .08  | .11 | 34.2               | 49.8               | -.15 | .11  | .05 | -3.733  | 2.566                    | 1.261  |
| 4     | .14  | .10 | 67.5               | 45.0               | -.22 | .33  | .06 | -5.624  | 8.434                    | 1.514  |
| 5     | .13  | .11 | 64.3               | 48.2               | -.33 | .45  | .06 | -8.431  | 11.242                   | 1.514  |
| 6     | .15  | .11 | 67.3               | 49.1               | -.44 | .59  | .06 | -11.051 | 15.145                   | 1.514  |
| 7     | .16  | .11 | 76.6               | 49.6               | -.54 | .83  | .06 | -13.643 | 21.060                   | 1.514  |
| 8     | .21  | .11 | 92.1               | 49.8               | -.64 | 1.18 | .06 | -16.194 | 29.915                   | 1.514  |
| 9     | .18  | .11 | 85.8               | 52.3               | -.78 | 1.27 | .06 | -19.605 | 32.176                   | 1.514  |
| 10    | .05  | .02 | 21.9               | 9.6                | -.16 | .35  | .01 | -3.924  | 8.958                    | .252   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 255 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ | MON(X)  | MON(Y)<br>(1000-FT-KIPS) | MON(Z) |
|-------|------|-----|--------------------|--------------------|------|------|-----|---------|--------------------------|--------|
| 1     | -.04 | .05 | -17.8              | 22.9               | -.01 | -.01 | .01 | -.344   | -.269                    | .252   |
| 2     | -.02 | .02 | -11.9              | 9.7                | -.01 | -.01 | .02 | -.389   | -.478                    | .505   |
| 3     | -.01 | .06 | -6.6               | 28.1               | -.08 | -.01 | .03 | -2.103  | -.495                    | .757   |
| 4     | .08  | .06 | 36.9               | 30.7               | -.16 | .18  | .02 | -3.835  | 4.608                    | .505   |
| 5     | .09  | .08 | 42.4               | 34.0               | -.23 | .29  | .03 | -5.953  | 7.403                    | .757   |
| 6     | .13  | .07 | 60.0               | 32.8               | -.30 | .54  | .05 | -7.389  | 13.496                   | 1.261  |
| 7     | .20  | .07 | 92.1               | 31.5               | -.34 | 1.00 | .06 | -8.658  | 25.333                   | 1.514  |
| 8     | .28  | .07 | 132.6              | 32.6               | -.42 | 1.71 | .06 | -10.607 | 43.090                   | 1.514  |
| 9     | .37  | .09 | 171.7              | 42.1               | -.63 | 2.55 | .07 | -15.821 | 64.377                   | 1.766  |
| 10    | .13  | .02 | 60.7               | 11.7               | -.19 | .98  | .01 | -4.784  | 24.809                   | .252   |



TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 270 REF. PRESS. -26 PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.03 | -.03 | -11.9              | -13.1              | .01  | -.01 | -.03 | .197   | -.179                    | -.757  |
| 2     | -.04 | -.03 | -16.8              | -12.9              | .02  | -.02 | -.01 | .515   | -.670                    | -.252  |
| 3     | -.11 | -.02 | -47.9              | -10.5              | .03  | -.14 | -.03 | .786   | -3.592                   | -.757  |
| 4     | .06  | .00  | 28.4               | 3.5                | .00  | .14  | -.05 | -.064  | 3.539                    | -1.261 |
| 5     | .11  | .01  | 46.5               | 3.1                | -.02 | .32  | -.08 | -.540  | 8.137                    | -2.018 |
| 6     | .13  | -.03 | 59.3               | -12.9              | .12  | .53  | -.06 | 2.907  | 13.334                   | -1.514 |
| 7     | .23  | -.07 | 102.5              | -33.2              | .37  | 1.12 | -.04 | 9.140  | 28.189                   | -1.009 |
| 8     | .37  | -.12 | 171.3              | -55.2              | .71  | 2.21 | -.04 | 17.962 | 55.674                   | -1.009 |
| 9     | .50  | -.11 | 230.1              | -48.1              | .71  | 3.42 | -.03 | 18.030 | 86.279                   | -.757  |
| 10    | .11  | -.03 | 51.3               | -11.9              | .19  | .83  | -.01 | 4.851  | 20.985                   | -.252  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 285 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CHX  | CHY  | CHZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.03 | .00  | -12.0              | -2.3               | .01  | -.01 | -.02 | .033   | -.180                    | -.505  |
| 2     | -.02 | -.02 | -10.5              | -10.5              | .01  | -.01 | -.00 | .418   | -.418                    | -.000  |
| 3     | -.04 | -.02 | -17.3              | -7.8               | .02  | -.05 | -.02 | .585   | -1.292                   | -.505  |
| 4     | .25  | -.04 | 114.7              | -15.6              | .08  | .57  | -.07 | 1.945  | 14.329                   | -1.766 |
| 5     | .31  | -.08 | 143.4              | -37.5              | .26  | 1.00 | -.13 | 6.554  | 25.093                   | -3.279 |
| 6     | .32  | -.13 | 145.7              | -61.3              | .55  | 1.30 | -.15 | 13.800 | 32.787                   | -3.784 |
| 7     | .38  | -.17 | 175.4              | -76.8              | .83  | 1.91 | -.14 | 21.105 | 48.229                   | -3.532 |
| 8     | .51  | -.18 | 230.7              | -84.4              | 1.09 | 2.97 | -.12 | 27.430 | 74.953                   | -3.027 |
| 9     | .53  | -.21 | 241.7              | -95.3              | 1.41 | 3.59 | -.11 | 35.747 | 90.645                   | -2.775 |
| 10    | .12  | -.05 | 56.5               | -23.7              | .38  | .92  | -.03 | 9.683  | 23.101                   | -.757  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 300 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX   | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CHX  | CHY  | CHZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|-------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.03  | -.07 | -14.5              | -31.2              | .02  | -.01 | -.06 | .468   | -.216                    | -1.514 |
| 2     | -.04  | -.07 | -19.7              | -34.6              | .06  | -.03 | -.00 | 1.382  | -.789                    | -.000  |
| 3     | -.06  | -.11 | -29.6              | -48.9              | .15  | -.09 | -.05 | 3.668  | -2.220                   | -1.261 |
| 4     | -.229 | -.16 | 134.5              | -74.8              | .37  | -.66 | -.15 | 9.351  | 16.807                   | -3.784 |
| 5     | .355  | -.28 | 162.7              | -129.9             | .91  | 1.13 | -.22 | 22.740 | 28.473                   | -5.550 |
| 6     | .333  | -.33 | 150.8              | -149.2             | 1.33 | 1.34 | -.24 | 33.570 | 33.917                   | -6.054 |
| 7     | .321  | -.36 | 144.1              | -164.2             | 1.80 | 1.57 | -.25 | 45.160 | 39.624                   | -6.306 |
| 8     | .31   | -.38 | 143.6              | -174.9             | 2.25 | 1.85 | -.24 | 56.842 | 46.678                   | -6.054 |
| 9     | .23   | -.37 | 107.1              | -169.1             | 2.51 | 1.59 | -.21 | 63.425 | 40.150                   | -5.297 |
| 10    | .10   | -.10 | 43.1               | -44.8              | .73  | .70  | -.05 | 18.265 | 17.591                   | -1.261 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 315 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.04 | -.07 | -19.2              | -32.5              | .02  | -.01 | -.06 | .488   | -.288                    | -1.514 |
| 2     | -.06 | -.08 | -27.7              | -36.1              | .06  | -.04 | -.01 | 1.444  | -1.110                   | -.252  |
| 3     | -.01 | -.16 | -5.7               | -69.0              | .21  | -.02 | -.05 | 5.175  | -.423                    | -1.261 |
| 4     | .25  | -.17 | 115.7              | -76.9              | .38  | .58  | -.19 | 9.624  | 14.459                   | -4.793 |
| 5     | .36  | -.23 | 167.2              | -107.8             | .75  | 1.16 | -.28 | 18.876 | 29.259                   | -7.063 |
| 6     | .38  | -.28 | 175.9              | -128.4             | 1.15 | 1.57 | -.30 | 28.901 | 39.579                   | -7.568 |
| 7     | .40  | -.31 | 180.9              | -140.6             | 1.53 | 1.97 | -.30 | 38.660 | 49.763                   | -7.568 |
| 8     | .40  | -.32 | 183.2              | -144.6             | 1.87 | 2.36 | -.29 | 47.014 | 59.343                   | -7.315 |
| 9     | .33  | -.28 | 148.1              | -128.6             | 1.91 | 2.21 | -.25 | 48.230 | 55.570                   | -6.306 |
| 10    | .10  | -.08 | 44.7               | -37.9              | .62  | .73  | -.08 | 15.478 | 18.276                   | -2.018 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 330 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.09 | -.11 | -43.6              | -48.1              | .03  | -.03 | -.07 | .722   | -.654                    | -1.766 |
| 2     | -.11 | -.11 | -47.3              | -47.4              | .08  | -.08 | -.02 | 1.894  | -1.899                   | -.505  |
| 3     | -.06 | -.22 | -26.6              | -101.0             | .30  | -.08 | -.12 | 7.575  | -1.996                   | -3.027 |
| 4     | .25  | -.16 | 114.6              | -75.0              | .37  | .57  | -.26 | 9.382  | 14.327                   | -6.559 |
| 5     | .38  | -.16 | 175.2              | -71.0              | .49  | 1.22 | -.32 | 12.431 | 30.663                   | -8.072 |
| 6     | .42  | -.17 | 195.7              | -78.8              | .70  | 1.75 | -.34 | 17.728 | 44.030                   | -8.577 |
| 7     | .46  | -.19 | 210.8              | -86.3              | .94  | 2.30 | -.35 | 23.737 | 57.968                   | -8.829 |
| 8     | .48  | -.21 | 220.5              | -95.0              | 1.22 | 2.84 | -.36 | 30.856 | 71.684                   | -9.081 |
| 9     | .37  | -.18 | 170.6              | -82.0              | 1.22 | 2.54 | -.34 | 30.732 | 63.981                   | -8.577 |
| 10    | .09  | -.05 | 45.1               | -22.5              | .36  | .73  | -.11 | 9.187  | 18.424                   | -2.775 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- WEST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 345 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|------|------|--------|--------------------------|--------|
| 1     | -.14 | -.07 | -64.6              | -33.6              | .02 | -.04 | -.07 | .503   | -.969                    | -1.766 |
| 2     | -.11 | -.06 | -51.1              | -29.6              | .05 | -.08 | -.03 | 1.182  | -2.040                   | -1.737 |
| 3     | -.01 | -.14 | -8.2               | -65.6              | .20 | -.03 | -.14 | 4.920  | -.617                    | -3.532 |
| 4     | .15  | -.13 | 68.5               | -59.5              | .30 | .34  | -.20 | 7.439  | 8.564                    | -3.045 |
| 5     | .21  | -.16 | 95.8               | -70.2              | .48 | .66  | -.22 | 12.287 | 16.777                   | -3.350 |
| 6     | .27  | -.16 | 122.0              | -70.6              | .63 | 1.08 | -.27 | 15.874 | 27.462                   | -6.811 |
| 7     | .30  | -.16 | 138.2              | -71.7              | .78 | 1.51 | -.30 | 19.716 | 37.983                   | -7.568 |
| 8     | .30  | -.16 | 138.9              | -76.4              | .98 | 1.79 | -.32 | 24.826 | 45.133                   | -8.072 |
| 9     | .25  | -.13 | 115.2              | -58.2              | .86 | 1.71 | -.30 | 21.815 | 43.209                   | -7.568 |
| 10    | .06  | -.04 | 26.7               | -20.2              | .33 | .43  | -.09 | 8.249  | 10.886                   | -2.270 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 0 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.23 | .11 | -105.7             | 51.0               | -.04  | -.06 | .04 | -1.764  | -1.586                   | 1.009  |
| 2     | -.16 | .09 | -75.7              | 40.7               | -.06  | -.12 | .01 | -1.626  | -3.029                   | .252   |
| 3     | -.11 | .25 | -46.4              | 113.4              | -.34  | -.14 | .06 | -8.510  | -3.480                   | 1.514  |
| 4     | .13  | .28 | 57.8               | 132.2              | -.66  | .29  | .14 | -16.519 | 7.222                    | 3.532  |
| 5     | .23  | .33 | 107.5              | 151.0              | -1.05 | .75  | .17 | -26.419 | 18.817                   | 4.288  |
| 6     | .29  | .36 | 132.2              | 165.5              | -1.48 | 1.18 | .15 | -37.243 | 29.731                   | 3.784  |
| 7     | .32  | .39 | 144.5              | 178.3              | -1.94 | 1.58 | .14 | -49.030 | 39.732                   | 3.532  |
| 8     | .31  | .41 | 140.1              | 188.4              | -2.43 | 1.80 | .15 | -61.243 | 45.536                   | 3.784  |
| 9     | .29  | .39 | 134.1              | 177.6              | -2.64 | 1.99 | .16 | -66.577 | 50.321                   | 4.036  |
| 10    | .08  | .08 | 36.3               | 38.5               | -.63  | .59  | .05 | -15.767 | 14.822                   | 1.261  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 15 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.23 | .12 | -105.9             | 53.8               | -.04  | -.06 | .04 | -.807   | -1.587                   | 1.009  |
| 2     | -.17 | .10 | -77.4              | 44.6               | -.07  | -.13 | .01 | -1.785  | -3.098                   | .252   |
| 3     | -.13 | .27 | -57.8              | 123.2              | -.37  | -.17 | .06 | -9.246  | -4.335                   | 1.514  |
| 4     | .07  | .30 | 31.0               | 138.0              | -.68  | .16  | .14 | -17.245 | 3.886                    | 3.532  |
| 5     | .13  | .33 | 61.4               | 150.7              | -1.05 | .42  | .15 | -26.371 | 10.763                   | 3.784  |
| 6     | .13  | .33 | 58.8               | 162.8              | -1.46 | .52  | .15 | -36.652 | 13.223                   | 3.784  |
| 7     | .12  | .37 | 55.2               | 174.4              | -1.90 | .60  | .16 | -47.968 | 15.187                   | 4.036  |
| 8     | .11  | .41 | 51.8               | 185.1              | -2.38 | .67  | .17 | -60.163 | 16.835                   | 4.036  |
| 9     | .12  | .35 | 54.0               | 199.6              | -2.37 | .80  | .16 | -59.831 | 20.223                   | 4.036  |
| 10    | .04  | .10 | 19.2               | 45.6               | -.74  | .31  | .04 | -18.607 | 7.824                    | 1.009  |



TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 30 REF. PRESS. -26 PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.16 | .12 | -72.7              | 55.7               | -.03  | -.04 | .05 | -.836   | -1.089                   | 1.261  |
| 2     | -.11 | .10 | -52.9              | 47.1               | -.07  | -.08 | .01 | -1.883  | -2.115                   | 2.252  |
| 3     | -.01 | .27 | -5.2               | 122.0              | -.37  | -.01 | .08 | -.9.148 | -.390                    | 2.018  |
| 4     | .18  | .25 | 82.2               | 115.6              | -.57  | -.40 | .17 | -14.452 | 10.278                   | 4.288  |
| 5     | .24  | .25 | 109.7              | 114.9              | -.80  | -.76 | .20 | -20.107 | 19.203                   | 5.045  |
| 6     | .29  | .26 | 131.7              | 119.6              | -1.06 | 1.17 | .22 | -26.915 | 29.620                   | 5.550  |
| 7     | .33  | .27 | 147.9              | 124.9              | -1.36 | 1.61 | .24 | -34.342 | 40.691                   | 6.054  |
| 8     | .35  | .29 | 158.0              | 131.8              | -1.70 | 2.04 | .26 | -42.829 | 51.351                   | 6.559  |
| 9     | .26  | .25 | 120.8              | 115.7              | -1.73 | 1.80 | .23 | -43.380 | 45.275                   | 5.802  |
| 10    | .09  | .08 | 40.6               | 35.2               | -.57  | -.66 | .07 | -14.363 | 16.578                   | 1.766  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 45 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.10 | .13 | -46.7              | 59.7               | -.04  | -.02 | .06 | -.897   | -.700                    | 1.514  |
| 2     | -.08 | .11 | -33.1              | 48.5               | -.08  | -.05 | .03 | -1.940  | -1.325                   | .757   |
| 3     | .04  | .26 | 19.2               | 119.8              | -.35  | .06  | .11 | -8.981  | 1.440                    | 2.775  |
| 4     | .26  | .23 | 117.9              | 107.5              | -.53  | .59  | .21 | -13.443 | 14.740                   | 5.297  |
| 5     | .36  | .23 | 162.8              | 107.2              | -.74  | 1.12 | .26 | -18.754 | 28.490                   | 6.559  |
| 6     | .40  | .25 | 181.4              | 117.6              | -1.05 | 1.62 | .26 | -26.443 | 40.809                   | 6.559  |
| 7     | .42  | .28 | 196.9              | 129.0              | -1.41 | 2.14 | .27 | -35.477 | 54.161                   | 6.811  |
| 8     | .45  | .31 | 208.5              | 142.5              | -1.84 | 2.69 | .28 | -46.302 | 67.752                   | 7.063  |
| 9     | .38  | .27 | 174.0              | 124.0              | -1.84 | 2.59 | .23 | -46.485 | 65.249                   | 5.802  |
| 10    | .11  | .08 | 51.3               | 38.0               | -.62  | .83  | .07 | -15.512 | 20.958                   | 1.766  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 60 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.07 | .10 | -31.0              | 44.5               | -.03  | -.01 | .04 | -.668   | -.466                    | 1.009  |
| 2     | -.06 | .08 | -28.1              | 37.6               | -.06  | -.04 | .02 | -1.505  | -1.126                   | .505   |
| 3     | -.01 | .21 | -.7                | 94.2               | -.28  | .00  | .08 | -7.064  | -.048                    | 2.018  |
| 4     | .16  | .21 | 75.9               | 92.5               | -.46  | .37  | .16 | -11.560 | 9.492                    | 4.036  |
| 5     | .25  | .22 | 110.9              | 100.1              | -.69  | .76  | .20 | -17.504 | 19.414                   | 5.045  |
| 6     | .27  | .27 | 124.2              | 122.0              | -1.09 | 1.10 | .20 | -27.433 | 27.952                   | 5.045  |
| 7     | .31  | .31 | 141.3              | 143.8              | -1.57 | 1.54 | .21 | -39.530 | 38.856                   | 5.297  |
| 8     | .35  | .36 | 160.2              | 165.3              | -2.14 | 2.06 | .22 | -53.730 | 52.094                   | 5.550  |
| 9     | .30  | .35 | 139.9              | 157.0              | -2.33 | 2.08 | .20 | -48.858 | 52.458                   | 5.045  |
| 10    | .11  | .09 | 48.4               | 40.0               | -.64  | .78  | .05 | -16.330 | 19.801                   | 1.261  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 75 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|-----|------|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | .08 | .02  | 36.8               | 7.8                | -.01  | .02  | .02 | -.118   | .552                     | .505   |
| 2     | .03 | .01  | 13.4               | 4.2                | -.01  | .02  | .01 | -.165   | .533                     | .252   |
| 3     | .15 | .01  | 61.3               | 5.9                | -.01  | .18  | .00 | -.438   | 4.595                    | .000   |
| 4     | .33 | -.01 | 148.3              | -8.5               | .04   | .74  | .03 | 1.066   | 18.544                   | .757   |
| 5     | .43 | -.05 | 197.3              | -20.2              | .14   | 1.37 | .05 | 3.541   | 34.526                   | 1.261  |
| 6     | .47 | -.01 | 215.8              | -2.0               | .01   | 1.92 | .06 | .443    | 48.569                   | 1.514  |
| 7     | .52 | .05  | 237.4              | 23.6               | -.25  | 2.59 | .08 | -6.498  | 65.293                   | 2.018  |
| 8     | .57 | .13  | 260.5              | 56.4               | -.73  | 3.36 | .11 | -18.355 | 84.663                   | 2.775  |
| 9     | .52 | .17  | 241.8              | 77.4               | -1.15 | 3.60 | .13 | -29.014 | 90.702                   | 3.279  |
| 10    | .67 | .04  | 32.6               | 21.6               | -.35  | .53  | .02 | -8.823  | 13.308                   | .505   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 90 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|-----|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | .08 | -.03 | 41.2               | -12.6              | .01  | .02  | -.01 | .189   | .617                     | -.252  |
| 2     | .04 | -.04 | 21.1               | -18.1              | .03  | .03  | .01  | .725   | .841                     | -.252  |
| 3     | .25 | -.08 | 114.6              | -34.2              | .10  | .34  | -.01 | 2.568  | 8.590                    | -.252  |
| 4     | .47 | -.07 | 213.7              | -33.0              | .16  | 1.05 | -.02 | 4.119  | 26.705                   | -.505  |
| 5     | .52 | -.08 | 235.0              | -34.5              | .24  | 1.63 | -.02 | 6.032  | 41.128                   | -.505  |
| 6     | .57 | -.05 | 263.3              | -21.6              | .20  | 2.35 | -.01 | 4.871  | 59.236                   | -.252  |
| 7     | .64 | -.03 | 290.8              | -10.9              | .12  | 3.17 | .00  | 3.008  | 79.965                   | .000   |
| 8     | .70 | -.01 | 321.0              | -3.0               | .04  | 4.14 | .02  | .972   | 104.309                  | .505   |
| 9     | .65 | .00  | 296.8              | .1                 | .00  | 4.41 | .02  | -.064  | 111.306                  | .505   |
| 10    | .06 | .00  | 25.0               | .8                 | -.01 | .41  | -.01 | -.322  | 10.216                   | -.252  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 105 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|-----|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | .05 | -.04 | 23.7               | -18.0              | .01  | .01  | -.02 | .269   | .356                     | -.505  |
| 2     | .02 | -.05 | 8.6                | -21.0              | .03  | .01  | -.00 | .838   | .343                     | -.000  |
| 3     | .13 | -.06 | 60.4               | -30.8              | .09  | .18  | -.04 | 2.312  | 4.527                    | -1.009 |
| 4     | .40 | -.06 | 183.5              | -25.1              | .12  | .91  | -.08 | 3.138  | 22.938                   | -2.018 |
| 5     | .46 | -.11 | 211.8              | -46.7              | .33  | 1.47 | -.08 | 8.169  | 37.071                   | -2.018 |
| 6     | .50 | -.13 | 227.3              | -61.7              | .55  | 2.02 | -.09 | 13.884 | 51.158                   | -2.270 |
| 7     | .52 | -.16 | 241.3              | -72.5              | .79  | 2.63 | -.09 | 19.949 | 66.351                   | -2.270 |
| 8     | .56 | -.18 | 256.4              | -79.8              | 1.03 | 3.30 | -.08 | 25.910 | 83.335                   | -2.018 |
| 9     | .47 | -.20 | 213.5              | -89.9              | 1.34 | 3.17 | -.09 | 33.683 | 80.052                   | -2.270 |
| 10    | .07 | -.04 | 30.5               | -20.2              | .33  | .49  | -.03 | 8.250  | 12.456                   | -.757  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 120 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.03 | -.11 | -15.3              | -52.6              | .04  | -.01 | -.06 | .789   | -.229                    | -1.514 |
| 2     | -.05 | -.11 | -24.0              | -47.4              | .08  | -.04 | -.02 | 1.898  | -.957                    | -.505  |
| 3     | -.05 | -.22 | -23.6              | -100.7             | .30  | -.07 | -.12 | 7.551  | -1.768                   | -3.027 |
| 4     | .24  | -.20 | 107.8              | -91.1              | .45  | -.54 | -.20 | 11.391 | 13.483                   | -5.045 |
| 5     | .33  | -.24 | 151.0              | -111.2             | .78  | 1.05 | -.22 | 19.466 | 26.416                   | -5.550 |
| 6     | .35  | -.28 | 162.8              | -131.2             | 1.17 | 1.45 | -.22 | 29.530 | 36.624                   | -5.550 |
| 7     | .36  | -.32 | 166.7              | -145.9             | 1.59 | 1.82 | -.21 | 40.107 | 45.830                   | -5.297 |
| 8     | .35  | -.33 | 159.7              | -154.6             | 1.99 | 2.06 | -.20 | 50.241 | 51.887                   | -5.045 |
| 9     | .26  | -.33 | 120.8              | -153.9             | 2.29 | 1.80 | -.19 | 57.715 | 45.297                   | -4.793 |
| 10    | .07  | -.08 | 34.9               | -38.6              | .62  | .57  | -.05 | 15.785 | 14.269                   | -1.261 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 135 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.05 | -.12 | -24.1              | -56.6              | .03  | -.01 | -.07 | .849   | -.363                    | -1.766 |
| 2     | -.06 | -.10 | -26.5              | -47.2              | .07  | -.04 | -.03 | 1.885  | -1.059                   | -1.757 |
| 3     | -.05 | -.23 | -20.6              | -107.5             | .32  | -.06 | -.13 | 8.066  | -1.539                   | -3.279 |
| 4     | .23  | -.19 | 107.1              | -89.9              | .45  | .53  | -.24 | 11.238 | 13.386                   | -6.054 |
| 5     | .38  | -.20 | 173.7              | -91.2              | .64  | 1.20 | -.30 | 15.965 | 30.391                   | -7.568 |
| 6     | .42  | -.23 | 196.0              | -104.4             | .93  | 1.75 | -.30 | 23.498 | 44.103                   | -7.568 |
| 7     | .45  | -.25 | 207.0              | -115.5             | 1.26 | 2.26 | -.29 | 31.766 | 56.928                   | -7.313 |
| 8     | .43  | -.28 | 199.3              | -125.5             | 1.62 | 2.57 | -.27 | 40.803 | 64.779                   | -6.811 |
| 9     | .34  | -.24 | 153.4              | -110.9             | 1.65 | 2.28 | -.24 | 41.597 | 57.502                   | -6.054 |
| 10    | .08  | -.07 | 40.1               | -32.0              | .52  | .65  | -.08 | 13.105 | 16.384                   | -2.018 |



TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 150 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|------|------|--------|--------------------------|--------|
| 1     | -.05 | -.08 | -22.0              | -38.0              | .03 | -.01 | -.05 | .569   | -.330                    | -1.261 |
| 2     | -.06 | -.07 | -24.8              | -31.3              | .05 | -.04 | -.02 | 1.251  | -.993                    | -.505  |
| 3     | -.04 | -.18 | -16.4              | -78.2              | .23 | -.05 | -.10 | 5.865  | -1.234                   | -2.523 |
| 4     | .16  | -.15 | 76.4               | -68.4              | .34 | .38  | -.19 | 8.548  | 9.558                    | -4.793 |
| 5     | .28  | -.14 | 131.9              | -63.9              | .45 | .91  | -.24 | 11.185 | 23.098                   | -6.054 |
| 6     | .34  | -.14 | 155.5              | -67.7              | .61 | 1.39 | -.25 | 15.223 | 34.987                   | -6.306 |
| 7     | .37  | -.16 | 169.6              | -69.7              | .76 | 1.85 | -.25 | 19.179 | 46.633                   | -6.306 |
| 8     | .37  | -.16 | 169.8              | -71.3              | .92 | 2.19 | -.24 | 23.201 | 55.171                   | -6.054 |
| 9     | .30  | -.12 | 137.7              | -55.7              | .83 | 2.04 | -.22 | 20.893 | 51.644                   | -5.550 |
| 10    | .08  | -.04 | 33.5               | -16.3              | .26 | .54  | -.07 | 6.631  | 13.702                   | -1.766 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 165 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CNX | CNY  | CHZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|------|------|--------|--------------------------|--------|
| 1     | -.06 | -.01 | -26.1              | -7.6               | .00 | -.01 | -.02 | .113   | -.332                    | -.563  |
| 2     | -.04 | -.01 | -18.3              | -6.2               | .01 | -.03 | -.01 | .247   | -.733                    | -.252  |
| 3     | -.07 | -.04 | -33.4              | -18.5              | .06 | -.10 | -.03 | 1.388  | -2.505                   | -.757  |
| 4     | -.01 | -.06 | -6.5               | -28.3              | .14 | -.03 | -.04 | 3.532  | -.810                    | -1.009 |
| 5     | .01  | -.07 | 8.8                | -31.7              | .22 | .06  | -.06 | 5.559  | 1.553                    | -1.514 |
| 6     | .06  | -.07 | 24.5               | -33.9              | .30 | .22  | -.09 | 7.642  | 5.509                    | -2.270 |
| 7     | .09  | -.08 | 41.7               | -37.8              | .41 | .45  | -.12 | 10.384 | 11.464                   | -3.027 |
| 8     | .13  | -.10 | 59.3               | -43.6              | .57 | .76  | -.14 | 14.173 | 19.260                   | -3.532 |
| 9     | .16  | -.10 | 74.4               | -45.5              | .68 | 1.10 | -.16 | 17.078 | 27.880                   | -4.036 |
| 10    | .08  | -.06 | 37.3               | -25.5              | .41 | .61  | -.05 | 10.391 | 15.268                   | -1.261 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 180 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-----|------|------|--------|--------------------------|--------|
| 1     | -.09 | -.01 | -43.6              | -1.8               | .00 | -.03 | -.01 | .026   | -.654                    | -.252  |
| 2     | -.06 | -.01 | -29.6              | -.7                | .00 | -.04 | .00  | .028   | -1.184                   | .000   |
| 3     | -.19 | -.01 | -88.6              | -1.9               | .01 | -.26 | .01  | .144   | -6.644                   | .252   |
| 4     | -.14 | -.06 | -66.2              | -27.7              | .14 | -.33 | .06  | 3.465  | -8.281                   | 1.514  |
| 5     | -.12 | -.04 | -56.0              | -18.5              | .13 | -.39 | .04  | 3.243  | -9.807                   | 1.009  |
| 6     | -.09 | -.05 | -42.8              | -22.8              | .20 | -.38 | .02  | 5.136  | -9.624                   | .505   |
| 7     | -.06 | -.06 | -28.1              | -27.9              | .30 | -.30 | .00  | 7.661  | -7.724                   | .000   |
| 8     | -.03 | -.07 | -12.2              | -33.9              | .44 | -.16 | -.03 | 11.019 | -3.941                   | -.757  |
| 9     | .00  | -.08 | 2.5                | -39.0              | .58 | .04  | -.05 | 14.636 | .972                     | -1.261 |
| 10    | .01  | -.04 | 4.2                | -17.9              | .29 | .06  | -.02 | 7.311  | 1.683                    | -.505  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 195 REF. PRESS. -26 PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.16 | -.01 | -73.5              | -6.4               | .00  | -.04  | -.02 | .095   | -1.103                   | -.505  |
| 2     | -.12 | -.01 | -55.1              | -5.0               | .01  | -.09  | .00  | .200   | -2.205                   | .000   |
| 3     | -.30 | -.05 | -140.4             | -21.8              | .06  | -.42  | .00  | 1.633  | -10.530                  | .000   |
| 4     | -.23 | -.15 | -106.3             | -67.7              | .33  | -.53  | .06  | 8.455  | -13.280                  | 1.514  |
| 5     | -.24 | -.17 | -109.3             | -78.2              | .54  | -.76  | .06  | 13.688 | -19.126                  | 1.514  |
| 6     | -.24 | -.18 | -110.2             | -81.5              | .73  | -.98  | .07  | 18.332 | -24.778                  | 1.766  |
| 7     | -.23 | -.19 | -109.4             | -87.3              | .95  | -1.19 | .07  | 24.016 | -30.077                  | 1.766  |
| 8     | -.23 | -.21 | -107.9             | -95.6              | 1.23 | -1.39 | .07  | 31.059 | -35.069                  | 1.766  |
| 9     | -.17 | -.18 | -78.1              | -83.6              | 1.24 | -1.16 | .08  | 31.337 | -29.260                  | 2.018  |
| 10    | -.04 | -.06 | -16.1              | -28.1              | .46  | -.26  | -.01 | 11.466 | -6.556                   | -.252  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 210 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.18 | -.01 | -83.5              | -5.2               | .01  | -.05  | -.02 | .078   | -1.253                   | -.505  |
| 2     | -.13 | -.01 | -62.9              | -3.1               | .00  | -.10  | .01  | .122   | -2.518                   | -.252  |
| 3     | -.35 | -.03 | -163.8             | -12.0              | .04  | -.49  | .01  | .899   | -12.283                  | -.252  |
| 4     | -.31 | -.14 | -142.7             | -62.1              | .31  | -.71  | .14  | 7.760  | -17.838                  | 3.532  |
| 5     | -.38 | -.13 | -174.3             | -57.5              | .40  | -1.21 | .15  | 10.048 | -30.503                  | 3.784  |
| 6     | -.42 | -.12 | -189.6             | -53.7              | .48  | -1.70 | .18  | 12.094 | -42.665                  | 4.541  |
| 7     | -.42 | -.11 | -193.8             | -53.2              | .58  | -2.11 | .19  | 14.632 | -53.305                  | 4.793  |
| 8     | -.40 | -.12 | -184.6             | -54.7              | .71  | -2.38 | .19  | 17.791 | -59.991                  | 4.793  |
| 9     | -.34 | -.10 | -157.6             | -45.3              | .67  | -2.34 | .20  | 16.997 | -59.100                  | 5.045  |
| 10    | -.04 | .01  | -18.8              | 5.7                | -.09 | -.30  | .01  | -2.313 | -7.684                   | .252   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 225 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CNX  | CNY   | CNZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.16 | .00  | -70.1              | 3.5                | .00  | -.04  | -.01 | -.007  | -1.051                   | -.252  |
| 2     | -.12 | .01  | -53.0              | 3.3                | .00  | -.08  | .01  | -.132  | -12.121                  | 1.252  |
| 3     | -.35 | .03  | -160.7             | 11.7               | -.04 | -.47  | .04  | -.878  | -12.048                  | 1.009  |
| 4     | -.33 | -.06 | -148.4             | -27.1              | .13  | -.74  | .16  | 3.386  | -18.549                  | 4.036  |
| 5     | -.39 | -.05 | -177.4             | -24.1              | .17  | -1.23 | .19  | 4.211  | -31.047                  | 4.793  |
| 6     | -.42 | -.06 | -193.0             | -25.9              | .23  | -1.72 | .21  | 5.827  | -43.425                  | 5.297  |
| 7     | -.45 | -.06 | -202.3             | -29.6              | .33  | -2.21 | .21  | 8.140  | -55.645                  | 5.597  |
| 8     | -.45 | -.08 | -203.4             | -34.7              | .45  | -2.62 | .21  | 11.273 | -66.119                  | 5.597  |
| 9     | -.41 | -.08 | -187.3             | -39.4              | .59  | -2.78 | .22  | 14.788 | -70.244                  | 5.550  |
| 10    | -.08 | .04  | -34.5              | 17.8               | -.29 | -.56  | .03  | -7.278 | -14.088                  | .757   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 240 REF. PRESS. -26 PSF GUST FACTOR= 1.960 REF. AREA- 9000 SQ FT REF. LENGTH- 55 FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY  | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|------|------|------|--------|--------------------------|--------|
| 1     | -.09 | .01 | -41.6              | 2.3                | .00  | -.03 | -.01 | -.034  | -.625                    | -.252  |
| 2     | -.06 | .00 | -26.8              | 1.3                | .00  | -.04 | .00  | -.056  | -1.071                   | .000   |
| 3     | -.09 | .01 | -41.4              | 4.7                | -.01 | -.13 | .00  | -.355  | -3.099                   | .000   |
| 4     | -.08 | .01 | -35.9              | .8                 | -.01 | -.18 | .02  | -.109  | -4.484                   | .505   |
| 5     | -.08 | .00 | -38.7              | 2.6                | -.01 | -.27 | .04  | -.460  | -6.778                   | 1.009  |
| 6     | -.09 | .01 | -42.8              | 2.6                | -.03 | -.38 | .04  | -.581  | -9.624                   | 1.009  |
| 7     | -.10 | .00 | -46.4              | 1.8                | -.02 | -.50 | .05  | -.499  | -12.755                  | 1.261  |
| 8     | -.11 | .00 | -50.3              | .4                 | .00  | -.65 | .05  | -.104  | -16.342                  | 1.261  |
| 9     | -.14 | .00 | -63.4              | .6                 | .01  | -.94 | .06  | -.223  | -23.767                  | 1.514  |
| 10    | -.07 | .01 | -33.5              | 6.2                | -.10 | -.54 | .01  | -2.532 | -13.690                  | .252   |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 255 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|------|-------|------|---------|--------------------------|--------|
| 1     | -.12 | .01 | -54.2              | 1.3                | .00  | -.03  | -.01 | -.019   | -.814                    | -.252  |
| 2     | -.07 | .00 | -33.0              | -.1                | .00  | -.06  | .00  | .001    | -1.322                   | .000   |
| 3     | -.23 | .02 | -107.9             | 7.9                | -.02 | -.32  | .00  | -.597   | -8.093                   | .000   |
| 4     | -.18 | .06 | -80.1              | 27.6               | -.14 | -.40  | -.04 | -3.460  | -10.013                  | -1.009 |
| 5     | -.18 | .08 | -79.9              | 35.4               | -.23 | -.56  | -.05 | -6.182  | -13.987                  | -1.261 |
| 6     | -.21 | .08 | -97.9              | 40.1               | -.33 | -.88  | -.07 | -9.018  | -22.045                  | -1.766 |
| 7     | -.24 | .10 | -111.4             | 44.3               | -.48 | -1.22 | -.08 | -12.168 | -30.639                  | -2.018 |
| 8     | -.25 | .10 | -117.9             | 46.5               | -.60 | -1.52 | -.08 | -15.097 | -38.328                  | -2.018 |
| 9     | -.30 | .08 | -136.3             | 41.4               | -.62 | -2.03 | -.07 | -15.502 | -51.106                  | -1.766 |
| 10    | -.15 | .01 | -68.1              | 6.0                | -.10 | -1.10 | -.01 | -2.457  | -27.814                  | -.252  |



TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 270 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.80 FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|-------|-------|------|---------|--------------------------|--------|
| 1     | -.16 | -.01 | -76.6              | -3.6               | .00   | -.04  | -.03 | .054    | -1.148                   | -.757  |
| 2     | -.11 | -.01 | -49.9              | -4.2               | .01   | -.08  | -.01 | .170    | -1.995                   | -.252  |
| 3     | -.45 | -.01 | -205.3             | -3.1               | .01   | -.62  | -.02 | .235    | -15.403                  | -.503  |
| 4     | -.30 | .08  | -141.8             | 35.4               | -.18  | -.70  | -.08 | -4.418  | -17.737                  | -2.018 |
| 5     | -.28 | .13  | -130.1             | 55.7               | -.39  | -.90  | -.12 | -9.752  | -22.762                  | -3.027 |
| 6     | -.32 | .13  | -145.6             | 63.0               | -.57  | -1.30 | -.15 | -14.173 | -32.766                  | -3.784 |
| 7     | -.35 | .15  | -159.3             | 69.5               | -.76  | -1.73 | -.17 | -19.109 | -43.810                  | -4.471 |
| 8     | -.36 | .16  | -167.9             | 74.5               | -.96  | -2.16 | -.19 | -24.230 | -54.555                  | -4.471 |
| 9     | -.38 | .15  | -178.7             | 67.5               | -1.00 | -2.38 | -.18 | -28.364 | -59.517                  | -4.471 |
| 10    | -.43 | .00  | -37.8              | -.8                | .01   | -.93  | -.02 | .313    | -23.590                  | -.503  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 285 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|---------|--------------------------|--------|
| 1     | -.20 | -.01 | -93.7              | -6.4               | .00  | -.06  | -.04 | .096    | -1.406                   | -1.009 |
| 2     | -.15 | -.02 | -67.7              | -7.8               | .01  | -.11  | -.02 | .310    | -2.710                   | -.505  |
| 3     | -.64 | -.05 | -295.7             | -20.5              | .06  | -.88  | -.06 | 1.539   | -22.175                  | -1.514 |
| 4     | -.50 | .06  | -230.9             | 28.6               | -.14 | -1.15 | -.14 | -3.572  | -28.869                  | -3.532 |
| 5     | -.48 | .10  | -222.2             | 46.3               | -.33 | -1.54 | -.17 | -8.105  | -38.891                  | -4.288 |
| 6     | -.49 | .11  | -227.5             | 49.9               | -.45 | -2.03 | -.18 | -11.219 | -51.181                  | -4.541 |
| 7     | -.51 | .11  | -233.9             | 53.7               | -.59 | -2.55 | -.19 | -14.780 | -64.336                  | -4.793 |
| 8     | -.52 | .13  | -238.6             | 58.5               | -.76 | -3.08 | -.19 | -19.034 | -77.535                  | -4.793 |
| 9     | -.47 | .11  | -213.9             | 52.3               | -.78 | -3.18 | -.18 | -19.605 | -80.220                  | -4.541 |
| 10    | -.12 | .02  | -57.1              | 8.6                | -.13 | -.93  | -.04 | -3.519  | -23.343                  | -1.009 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 300 REF. PRESS.-26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY  | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|------|--------------------|--------------------|------|-------|------|---------|--------------------------|--------|
| 1     | -.21 | -.02 | -93.1              | -9.0               | .00  | -.06  | -.06 | .135    | -1.397                   | -1.514 |
| 2     | -.16 | -.03 | -69.4              | -13.5              | .02  | -.11  | -.05 | .542    | -2.773                   | -1.261 |
| 3     | -.64 | -.08 | -295.6             | -34.0              | .10  | -.88  | -.10 | 2.549   | -22.170                  | -2.523 |
| 4     | -.54 | .04  | -248.2             | 19.9               | -.10 | -1.23 | -.19 | -2.495  | -31.024                  | -4.793 |
| 5     | -.36 | .09  | -258.1             | 41.7               | -.29 | -1.79 | -.22 | -7.301  | -45.162                  | -5.550 |
| 6     | -.57 | .09  | -261.2             | 42.6               | -.38 | -2.33 | -.21 | -9.574  | -58.766                  | -5.297 |
| 7     | -.58 | .10  | -265.9             | 45.0               | -.49 | -2.90 | -.21 | -12.386 | -73.115                  | -5.297 |
| 8     | -.59 | .11  | -269.6             | 50.6               | -.65 | -3.48 | -.21 | -16.417 | -87.630                  | -5.297 |
| 9     | -.54 | .11  | -251.4             | 49.7               | -.74 | -3.74 | -.21 | -18.644 | -94.266                  | -5.297 |
| 10    | -.15 | .02  | -68.3              | 10.7               | -.18 | -1.11 | -.06 | -4.405  | -27.891                  | -1.514 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 315 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX  | CMY   | CMZ  | MOM(X) | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|------|-------|------|--------|--------------------------|--------|
| 1     | -.13 | .01 | -64.1              | 3.0                | .00  | -.04  | -.02 | -.045  | -.961                    | -.505  |
| 2     | -.10 | .00 | -43.3              | .2                 | .00  | -.07  | -.01 | -.007  | -1.734                   | -.252  |
| 3     | -.31 | .01 | -142.6             | 5.9                | -.01 | -.42  | -.01 | -.442  | -10.692                  | -.252  |
| 4     | -.24 | .07 | -111.8             | 34.0               | -.17 | -.55  | -.08 | -4.253 | -13.970                  | -2.018 |
| 5     | -.24 | .10 | -111.4             | 44.3               | -.30 | -.77  | -.12 | -7.749 | -19.500                  | -3.027 |
| 6     | -.25 | .08 | -113.8             | 32.7               | -.29 | -1.01 | -.13 | -7.365 | -25.598                  | -3.279 |
| 7     | -.25 | .06 | -115.3             | 26.4               | -.28 | -1.26 | -.14 | -7.254 | -31.713                  | -3.532 |
| 8     | -.25 | .06 | -116.2             | 26.4               | -.34 | -1.50 | -.13 | -8.603 | -37.794                  | -3.279 |
| 9     | -.24 | .04 | -108.4             | 20.7               | -.31 | -1.61 | -.15 | -7.786 | -40.658                  | -3.784 |
| 10    | -.10 | .01 | -44.5              | 5.3                | -.08 | -.72  | -.05 | -2.179 | -18.170                  | -1.261 |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 330 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.SQ FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ  | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|------|---------|--------------------------|--------|
| 1     | -.19 | .05 | -88.0              | 23.7               | -.01  | -.06 | .01  | -.355   | -1.321                   | .252   |
| 2     | -.14 | .04 | -62.9              | 18.9               | -.03  | -.10 | .00  | -.753   | -2.515                   | .000   |
| 3     | -.16 | .13 | -74.0              | 58.3               | -.18  | -.22 | .02  | -4.376  | -5.549                   | .505   |
| 4     | -.01 | .18 | -5.3               | 86.2               | -.42  | -.03 | .03  | -10.774 | -.660                    | .757   |
| 5     | .04  | .23 | 16.5               | 105.4              | -.74  | .11  | .01  | -18.445 | 2.899                    | .252   |
| 6     | .05  | .23 | 21.1               | 106.3              | -.95  | .18  | .00  | -23.930 | 4.755                    | .000   |
| 7     | .05  | .23 | 22.0               | 106.1              | -1.16 | .24  | -.02 | -29.198 | 6.048                    | -.505  |
| 8     | .04  | .23 | 19.2               | 103.7              | -1.34 | .25  | -.01 | -33.713 | 6.217                    | -.252  |
| 9     | .08  | .16 | 34.8               | 76.9               | -1.14 | .52  | -.06 | -28.860 | 13.051                   | -1.514 |
| 10    | -.01 | .06 | -6.9               | 27.0               | -.44  | -.11 | -.03 | -11.029 | -2.812                   | -.757  |

TABLE 7 -  
FLOOR FORCE AND MOMENT LOADS - ONE DENVER PLACE -- EAST TOWER -- DENVER , COLORADO

DATA FOR WIND DIR. 345 REF. PRESS. -26.PSF GUST FACTOR= 1.960 REF. AREA- 9000.80 FT REF. LENGTH- 55.FT

| FLOOR | CFX  | CFY | FORCE(X)<br>(KIPS) | FORCE(Y)<br>(KIPS) | CMX   | CMY  | CMZ | MOM(X)  | MOM(Y)<br>(1000-FT-KIPS) | MOM(Z) |
|-------|------|-----|--------------------|--------------------|-------|------|-----|---------|--------------------------|--------|
| 1     | -.24 | .08 | -111.4             | 39.0               | -.02  | -.06 | .02 | -.585   | -1.671                   | .505   |
| 2     | -.17 | .07 | -78.3              | 31.0               | -.05  | -.12 | .00 | -1.241  | -3.132                   | .009   |
| 3     | -.16 | .19 | -75.4              | 89.1               | -.27  | -.23 | .02 | -6.679  | -5.654                   | .505   |
| 4     | .06  | .28 | 28.4               | 124.2              | -.62  | .13  | .06 | -15.523 | 3.546                    | 1.514  |
| 5     | .13  | .32 | 61.1               | 143.3              | -.99  | .42  | .07 | -25.068 | 10.701                   | 1.766  |
| 6     | .17  | .33 | 76.7               | 148.1              | -1.32 | .69  | .07 | -33.337 | 17.260                   | 1.766  |
| 7     | .18  | .33 | 82.2               | 151.6              | -1.65 | .89  | .06 | -41.696 | 22.604                   | 1.514  |
| 8     | .16  | .33 | 75.2               | 153.3              | -1.97 | .97  | .07 | -49.812 | 24.454                   | 1.766  |
| 9     | .20  | .28 | 91.7               | 131.9              | -1.96 | 1.36 | .07 | -49.466 | 34.389                   | 1.766  |
| 10    | .06  | .06 | 25.4               | 26.5               | -.42  | .41  | .03 | -10.821 | 10.385                   | .757   |

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:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 0  | 101  | 194    | 036   | 010   | 447    |
| 0  | 102  | 226    | 059   | 036   | 566    |
| 0  | 103  | 218    | 084   | 034   | 664    |
| 0  | 104  | 410    | 325   | 366   | -2.213 |
| 0  | 105  | 513    | 212   | 002   | -1.242 |
| 0  | 106  | 481    | 145   | 046   | 960    |
| 0  | 107  | 306    | 085   | 031   | 734    |
| 0  | 108  | 234    | 065   | 043   | 503    |
| 0  | 109  | 174    | 063   | 048   | 447    |
| 0  | 110  | 216    | 059   | 022   | 517    |
| 0  | 111  | 274    | 084   | 022   | 782    |
| 0  | 112  | 338    | 131   | 034   | 008    |
| 0  | 201  | 408    | 169   | 442   | 630    |
| 0  | 202  | 420    | 069   | 227   | 738    |
| 0  | 203  | 359    | 058   | 085   | 591    |
| 0  | 204  | 258    | 063   | 041   | 504    |
| 0  | 205  | 423    | 079   | 198   | 741    |
| 0  | 206  | 614    | 084   | 301   | 922    |
| 0  | 207  | 847    | 100   | 523   | 288    |
| 0  | 208  | 946    | 125   | 595   | 344    |
| 0  | 209  | 387    | 257   | 770   | 700    |
| 0  | 210  | 680    | 136   | 335   | 145    |
| 0  | 211  | 488    | 109   | 240   | 970    |
| 0  | 212  | 345    | 057   | 160   | 657    |
| 0  | 1101 | 375    | 068   | 193   | 733    |
| 0  | 1102 | 359    | 064   | 200   | 801    |
| 0  | 1103 | 418    | 072   | 168   | 695    |
| 0  | 1104 | 408    | 072   | 158   | 699    |
| 0  | 1105 | 472    | 082   | 243   | 823    |
| 0  | 1106 | 364    | 066   | 140   | 689    |
| 0  | 1107 | 439    | 081   | 223   | 765    |
| 0  | 1108 | 381    | 077   | 139   | 713    |
| 0  | 1109 | 394    | 074   | 186   | 841    |
| 0  | 1110 | 368    | 079   | 133   | 855    |
| 0  | 1111 | 391    | 089   | 131   | 880    |
| 0  | 1112 | 397    | 097   | 130   | 982    |
| 0  | 1113 | 465    | 098   | 171   | 982    |
| 0  | 1114 | 330    | 062   | 133   | 672    |
| 0  | 1115 | 349    | 065   | 165   | 894    |
| 0  | 1116 | 343    | 068   | 159   | 784    |
| 0  | 1117 | 340    | 069   | 152   | 699    |
| 0  | 1118 | 358    | 069   | 114   | 750    |
| 0  | 1119 | 392    | 078   | 140   | 894    |
| 0  | 1120 | 394    | 079   | 200   | 976    |
| 0  | 1121 | 412    | 082   | 168   | 847    |
| 0  | 1122 | 494    | 056   | 098   | 993    |
| 0  | 1123 | 366    | 063   | 064   | 616    |
| 0  | 1124 | 334    | 091   | 098   | 786    |
| 0  | 1125 | 461    | 161   | 152   | 329    |
| 0  | 1126 | 251    | 048   | 097   | 433    |

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 1127 | 251    | 047   | 063   | 443   |
| 0  | 1128 | 260    | 059   | 051   | 500   |
| 0  | 1129 | 290    | 086   | 036   | 733   |
| 0  | 1130 | 237    | 051   | 063   | 435   |
| 0  | 1201 | 424    | 090   | 128   | 712   |
| 0  | 1202 | 432    | 141   | 034   | 902   |
| 0  | 1203 | 453    | 159   | 007   | 006   |
| 0  | 1204 | 522    | 214   | 063   | 407   |
| 0  | 1205 | 605    | 267   | 031   | 693   |
| 0  | 1206 | 633    | 225   | 034   | 696   |
| 0  | 1207 | 763    | 077   | 052   | 709   |
| 0  | 1208 | 879    | 294   | 041   | 116   |
| 0  | 1209 | 379    | 075   | 145   | 671   |
| 0  | 1210 | 342    | 076   | 087   | 633   |
| 0  | 1211 | 353    | 091   | 059   | 828   |
| 0  | 1212 | 465    | 113   | 024   | 918   |
| 0  | 1213 | 323    | 158   | 053   | 168   |
| 0  | 1214 | 332    | 065   | 096   | 772   |
| 0  | 1215 | 321    | 068   | 109   | 642   |
| 0  | 1216 | 342    | 076   | 104   | 725   |
| 0  | 1217 | 403    | 095   | 078   | 865   |
| 0  | 1218 | 334    | 115   | 099   | 921   |
| 0  | 1219 | 335    | 057   | 152   | 596   |
| 0  | 1220 | 308    | 066   | 087   | 597   |
| 0  | 1221 | 336    | 092   | 053   | 763   |
| 0  | 1222 | 359    | 115   | 087   | 719   |
| 0  | 1223 | 463    | 180   | 212   | 341   |
| 0  | 1224 | 334    | 072   | 046   | 687   |
| 0  | 1225 | 327    | 073   | 041   | 644   |
| 0  | 1226 | 351    | 086   | 012   | 666   |
| 0  | 1227 | 333    | 094   | 014   | 790   |
| 0  | 1228 | 465    | 172   | 092   | 177   |
| 0  | 1229 | 268    | 071   | 039   | 518   |
| 0  | 1230 | 325    | 095   | 096   | 823   |
| 0  | 1231 | 408    | 116   | 052   | 253   |
| 0  | 1232 | 421    | 129   | 063   | 141   |
| 0  | 1233 | 367    | 095   | 029   | 722   |
| 0  | 1234 | 306    | 087   | 099   | 661   |
| 0  | 1235 | 207    | 141   | 660   | 512   |
| 0  | 1236 | 301    | 097   | 331   | 581   |
| 0  | 1237 | 428    | 143   | 104   | 369   |
| 0  | 1238 | 337    | 098   | 065   | 957   |
| 0  | 1239 | 353    | 084   | 046   | 619   |
| 0  | 1240 | 245    | 115   | 306   | 535   |
| 0  | 1241 | 366    | 090   | 012   | 699   |
| 0  | 1242 | 320    | 080   | 007   | 691   |
| 0  | 1301 | 258    | 157   | 300   | 897   |
| 0  | 1302 | 078    | 197   | 549   | 865   |
| 0  | 1303 | 149    | 265   | 631   | 144   |
| 0  | 1304 | 227    | 407   | 837   | 696   |

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 1305 | 007    | 207   | 679   | 701   |
| 0  | 1306 | 177    | 188   | 527   | 950   |
| 0  | 1307 | 236    | 303   | 554   | 384   |
| 0  | 1308 | 375    | 141   | 434   | 967   |
| 0  | 1309 | 388    | 386   | 568   | 233   |
| 0  | 1310 | 440    | 111   | 015   | 938   |
| 0  | 1311 | 441    | 139   | 133   | 990   |
| 0  | 1312 | 497    | 154   | 000   | 104   |
| 0  | 1313 | 544    | 175   | 029   | 358   |
| 0  | 1314 | 439    | 114   | 109   | 941   |
| 0  | 1315 | 473    | 141   | 056   | 031   |
| 0  | 1316 | 518    | 163   | 053   | 418   |
| 0  | 1317 | 548    | 187   | 106   | 494   |
| 0  | 1318 | 351    | 175   | 428   | 831   |
| 0  | 1319 | 281    | 160   | 329   | 818   |
| 0  | 1320 | 287    | 193   | 247   | 333   |
| 0  | 1321 | 453    | 353   | 292   | 330   |
| 0  | 1322 | 212    | 135   | 440   | 666   |
| 0  | 1323 | 030    | 149   | 646   | 617   |
| 0  | 1324 | 029    | 145   | 691   | 523   |
| 0  | 1325 | 004    | 158   | 595   | 799   |
| 0  | 1326 | 171    | 110   | 418   | 637   |
| 0  | 1327 | 110    | 131   | 310   | 583   |
| 0  | 1328 | 028    | 152   | 614   | 255   |
| 0  | 1329 | 050    | 162   | 684   | 474   |
| 0  | 1330 | 047    | 115   | 464   | 399   |
| 0  | 1331 | 040    | 166   | 745   | 506   |
| 0  | 1332 | 163    | 078   | 334   | 509   |
| 0  | 1401 | 037    | 172   | 708   | 556   |
| 0  | 1402 | 013    | 169   | 688   | 440   |
| 0  | 1403 | 013    | 184   | 661   | 484   |
| 0  | 1404 | 057    | 200   | 667   | 525   |
| 0  | 1405 | 060    | 183   | 614   | 520   |
| 0  | 1406 | 085    | 127   | 459   | 630   |
| 0  | 1407 | 048    | 171   | 554   | 755   |
| 0  | 1408 | 058    | 107   | 377   | 465   |
| 0  | 1409 | 103    | 168   | 686   | 568   |
| 0  | 1410 | 121    | 221   | 912   | 481   |
| 0  | 1411 | 279    | 208   | 883   | 438   |
| 0  | 1412 | 236    | 174   | 830   | 434   |
| 0  | 1413 | 063    | 121   | 428   | 570   |
| 0  | 1414 | 085    | 170   | 581   | 535   |
| 0  | 1415 | 147    | 213   | 820   | 503   |
| 0  | 1416 | 254    | 205   | 828   | 434   |
| 0  | 1417 | 208    | 164   | 824   | 566   |
| 0  | 1418 | 081    | 111   | 523   | 637   |
| 0  | 1419 | 062    | 190   | 552   | 777   |
| 0  | 1420 | 042    | 210   | 734   | 583   |
| 0  | 1421 | 054    | 184   | 701   | 573   |
| 0  | 1422 | 001    | 151   | 503   | 520   |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 1423 | 222    | 100   | 191   | 653   |
| 0  | 1424 | 227    | 177   | 343   | 984   |
| 0  | 1425 | 224    | 134   | 220   | 873   |
| 0  | 1426 | 208    | 104   | 185   | 739   |
| 0  | 1427 | 235    | 072   | 140   | 586   |
| 0  | 1428 | 320    | 063   | 110   | 576   |
| 0  | 1429 | 260    | 108   | 060   | 998   |
| 0  | 1430 | 242    | 053   | 061   | 462   |
| 0  | 1431 | 186    | 065   | 085   | 455   |
| 0  | 1432 | 168    | 063   | 120   | 422   |
| 0  | 1433 | 166    | 066   | 292   | 421   |
| 0  | 1434 | 179    | 056   | 153   | 384   |
| 0  | 1435 | 153    | 058   | 169   | 406   |
| 0  | 1501 | 693    | 245   | 154   | 632   |
| 0  | 1502 | 517    | 141   | 217   | 037   |
| 0  | 1503 | 457    | 107   | 184   | 874   |
| 0  | 1504 | 437    | 107   | 110   | 894   |
| 0  | 1505 | 400    | 109   | 104   | 876   |
| 0  | 1506 | 343    | 067   | 142   | 708   |
| 0  | 1507 | 327    | 056   | 142   | 648   |
| 0  | 1508 | 328    | 165   | 220   | 181   |
| 0  | 1509 | 326    | 067   | 098   | 703   |
| 0  | 1510 | 813    | 249   | 175   | 759   |
| 0  | 1511 | 324    | 047   | 162   | 557   |
| 0  | 1512 | 422    | 284   | 119   | 768   |
| 0  | 1513 | 866    | 115   | 149   | 023   |
| 0  | 1514 | 228    | 093   | 004   | 959   |
| 0  | 1515 | 322    | 040   | 175   | 497   |
| 0  | 1516 | 854    | 275   | 119   | 772   |
| 0  | 1517 | 392    | 123   | 162   | 076   |
| 0  | 1518 | 222    | 091   | 071   | 886   |
| 0  | 1519 | 309    | 042   | 182   | 526   |
| 0  | 1520 | 802    | 241   | 137   | 564   |
| 0  | 1521 | 400    | 119   | 151   | 134   |
| 0  | 1522 | 247    | 077   | 024   | 786   |
| 0  | 1523 | 316    | 044   | 184   | 624   |
| 0  | 1524 | 319    | 139   | 199   | 174   |
| 0  | 1525 | 375    | 088   | 106   | 912   |
| 0  | 1526 | 318    | 074   | 080   | 684   |
| 0  | 1527 | 341    | 062   | 149   | 641   |
| 0  | 1528 | 338    | 090   | 103   | 939   |
| 0  | 1529 | 280    | 073   | 217   | 359   |
| 0  | 1530 | 297    | 090   | 040   | 835   |
| 0  | 1531 | 164    | 056   | 017   | 433   |
| 0  | 1532 | 261    | 073   | 287   | 531   |
| 0  | 1601 | 340    | 062   | 175   | 606   |
| 0  | 1602 | 326    | 056   | 126   | 587   |
| 0  | 1603 | 316    | 053   | 153   | 588   |
| 0  | 1604 | 321    | 051   | 157   | 614   |
| 0  | 1605 | 315    | 051   | 135   | 559   |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 1606 | 259    | 058   | 080   | 522   |
| 0  | 1607 | 330    | 053   | 173   | 730   |
| 0  | 1608 | 347    | 051   | 206   | 634   |
| 0  | 1609 | 322    | 049   | 193   | 854   |
| 0  | 1610 | 331    | 049   | 140   | 602   |
| 0  | 1611 | 331    | 050   | 182   | 624   |
| 0  | 1612 | 342    | 049   | 186   | 605   |
| 0  | 1613 | 348    | 058   | 175   | 679   |
| 0  | 1614 | 315    | 042   | 175   | 543   |
| 0  | 1615 | 310    | 044   | 173   | 608   |
| 0  | 1616 | 317    | 046   | 188   | 695   |
| 0  | 1617 | 310    | 046   | 169   | 575   |
| 0  | 1618 | 330    | 056   | 124   | 771   |
| 0  | 1619 | 323    | 057   | 178   | 772   |
| 0  | 1620 | 330    | 060   | 177   | 831   |
| 0  | 1621 | 329    | 064   | 173   | 732   |
| 0  | 1622 | 343    | 052   | 186   | 647   |
| 0  | 1623 | 351    | 062   | 126   | 761   |
| 0  | 1624 | 383    | 078   | 164   | 786   |
| 0  | 1625 | 373    | 077   | 149   | 781   |
| 0  | 1626 | 373    | 079   | 071   | 760   |
| 0  | 1627 | 329    | 064   | 016   | 615   |
| 0  | 1628 | 337    | 083   | 085   | 890   |
| 0  | 1629 | 385    | 103   | 129   | 863   |
| 0  | 1630 | 268    | 056   | 038   | 481   |
| 0  | 1631 | 353    | 081   | 138   | 683   |
| 0  | 1632 | 306    | 064   | 067   | 556   |
| 0  | 1633 | 271    | 054   | 040   | 493   |
| 0  | 1634 | 263    | 054   | 078   | 503   |
| 0  | 1635 | 240    | 055   | 040   | 555   |
| 0  | 1701 | 286    | 067   | 498   | 067   |
| 0  | 1702 | 420    | 060   | 220   | 658   |
| 0  | 1703 | 364    | 074   | 042   | 609   |
| 0  | 1704 | 307    | 084   | 021   | 757   |
| 0  | 1705 | 307    | 086   | 712   | 021   |
| 0  | 1706 | 330    | 103   | 039   | 829   |
| 0  | 1707 | 321    | 099   | 042   | 757   |
| 0  | 1708 | 453    | 120   | 091   | 064   |
| 0  | 1709 | 501    | 099   | 211   | 037   |
| 0  | 1710 | 470    | 095   | 096   | 896   |
| 0  | 1711 | 277    | 073   | 672   | 071   |
| 0  | 1712 | 218    | 070   | 025   | 500   |
| 0  | 1713 | 295    | 087   | 005   | 752   |
| 0  | 1714 | 377    | 103   | 042   | 768   |
| 0  | 1715 | 491    | 108   | 095   | 117   |
| 0  | 1716 | 286    | 084   | 076   | 741   |
| 0  | 1717 | 188    | 056   | 079   | 343   |
| 0  | 1718 | 208    | 057   | 037   | 425   |
| 0  | 1719 | 207    | 061   | 060   | 395   |
| 0  | 1720 | 154    | 086   | 498   | 250   |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 1721 | 181    | 100   | 375   | 600   |
| 0  | 1722 | 196    | 093   | 205   | 574   |
| 0  | 1723 | 328    | 102   | 005   | 824   |
| 0  | 1724 | 475    | 098   | 122   | 213   |
| 0  | 1725 | 479    | 097   | 225   | 972   |
| 0  | 1801 | 237    | 047   | 077   | 488   |
| 0  | 1802 | 234    | 048   | 067   | 603   |
| 0  | 1803 | 225    | 047   | 461   | 076   |
| 0  | 1804 | 212    | 049   | 030   | 509   |
| 0  | 1805 | 262    | 080   | 002   | 055   |
| 0  | 1806 | 300    | 119   | 019   | 495   |
| 0  | 1807 | 316    | 097   | 863   | 014   |
| 0  | 1808 | 374    | 089   | 111   | 875   |
| 0  | 1809 | 418    | 074   | 229   | 745   |
| 0  | 1810 | 382    | 059   | 220   | 601   |
| 0  | 1811 | 231    | 050   | 441   | 076   |
| 0  | 1812 | 217    | 042   | 074   | 391   |
| 0  | 1813 | 253    | 061   | 030   | 528   |
| 0  | 1814 | 273    | 078   | 039   | 647   |
| 0  | 1815 | 305    | 073   | 572   | 076   |
| 0  | 1816 | 367    | 074   | 086   | 655   |
| 0  | 1817 | 403    | 069   | 182   | 735   |
| 0  | 1818 | 357    | 058   | 186   | 610   |
| 0  | 1819 | 230    | 055   | 558   | 011   |
| 0  | 1820 | 224    | 043   | 109   | 403   |
| 0  | 1821 | 249    | 055   | 093   | 497   |
| 0  | 1822 | 260    | 062   | 512   | 037   |
| 0  | 1823 | 300    | 070   | 074   | 641   |
| 0  | 1824 | 365    | 082   | 822   | 103   |
| 0  | 1825 | 461    | 079   | 220   | 829   |
| 0  | 1826 | 379    | 068   | 184   | 649   |
| 0  | 1827 | 218    | 054   | 028   | 460   |
| 0  | 1828 | 225    | 046   | 454   | 078   |
| 0  | 1829 | 242    | 057   | 056   | 468   |
| 0  | 1830 | 256    | 065   | 072   | 483   |
| 0  | 1831 | 299    | 075   | 044   | 696   |
| 0  | 1832 | 349    | 081   | 810   | 090   |
| 0  | 1833 | 387    | 082   | 139   | 912   |
| 0  | 1834 | 367    | 065   | 194   | 654   |
| 0  | 1835 | 225    | 053   | 014   | 415   |
| 0  | 1836 | 238    | 051   | 452   | 073   |
| 0  | 1837 | 276    | 066   | 076   | 684   |
| 0  | 1838 | 368    | 064   | 140   | 607   |
| 0  | 1839 | 220    | 060   | 023   | 487   |
| 0  | 1840 | 216    | 053   | 434   | 009   |
| 0  | 1841 | 351    | 093   | 093   | 875   |
| 0  | 1842 | 403    | 095   | 077   | 081   |
| 0  | 1843 | 212    | 056   | 009   | 432   |
| 0  | 1844 | 211    | 055   | 429   | 062   |
| 0  | 1845 | 336    | 087   | 069   | 026   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 1846 | .359   | .070  | -.072 | -.663 |
| 0  | 1847 | .217   | .051  | -.053 | -.388 |
| 0  | 1848 | .213   | .054  | -.427 | -.005 |
| 0  | 1849 | .209   | .052  | -.016 | -.440 |
| 0  | 1850 | .195   | .050  | -.040 | -.378 |
| 0  | 1851 | .141   | .045  | .020  | -.317 |
| 0  | 1851 | .141   | .045  | .020  | -.317 |
| 0  | 1852 | .166   | .064  | .095  | -.429 |
| 0  | 1853 | .188   | .062  | .098  | -.494 |
| 0  | 1854 | .254   | .072  | -.010 | -.724 |
| 0  | 1855 | .283   | .076  | .047  | -.675 |
| 0  | 1856 | .260   | .059  | .023  | -.565 |
| 0  | 1857 | .347   | .072  | -.013 | -.574 |
| 0  | 1858 | .281   | .103  | .265  | -.611 |
| 0  | 1859 | .000   | .000  | .000  | .000  |
| 0  | 1860 | .153   | .129  | .389  | -.513 |
| 0  | 1861 | .184   | .111  | .456  | -.554 |
| 0  | 1862 | .271   | .085  | .242  | -.595 |
| 0  | 1863 | .368   | .059  | -.210 | -.584 |
| 0  | 1864 | .321   | .068  | .018  | -.597 |
| 0  | 1865 | .229   | .074  | .081  | -.491 |
| 0  | 1866 | .279   | .065  | .013  | -.520 |
| 0  | 1867 | .342   | .049  | -.173 | -.507 |
| 0  | 1868 | .285   | .057  | .030  | -.537 |
| 0  | 1869 | .194   | .064  | .106  | -.416 |
| 0  | 1870 | .196   | .065  | .131  | -.391 |
| 0  | 1871 | .201   | .057  | .069  | -.413 |
| 0  | 1872 | .227   | .063  | .008  | -.520 |
| 0  | 1873 | .268   | .068  | .013  | -.519 |
| 0  | 2101 | .015   | .153  | .478  | -.992 |
| 0  | 2102 | .170   | .104  | .180  | -.536 |
| 0  | 2103 | .171   | .103  | .139  | -.507 |
| 0  | 2104 | .399   | .089  | .113  | -.730 |
| 0  | 2105 | .322   | .129  | .171  | -.031 |
| 0  | 2106 | .069   | .117  | .475  | -.303 |
| 0  | 2107 | .132   | .095  | .259  | -.391 |
| 0  | 2108 | .371   | .198  | .893  | -.488 |
| 0  | 2109 | .428   | .091  | .101  | -.748 |
| 0  | 2110 | .388   | .216  | .968  | -.574 |
| 0  | 2111 | .195   | .129  | .638  | -.148 |
| 0  | 2112 | .178   | .111  | .536  | -.167 |
| 0  | 2113 | .410   | .087  | .020  | -.674 |
| 0  | 2114 | .300   | .261  | .980  | -.817 |
| 0  | 2115 | .151   | .135  | .655  | -.186 |
| 0  | 2116 | .133   | .115  | .552  | -.142 |
| 0  | 2117 | .412   | .093  | .097  | -.777 |
| 0  | 2118 | .240   | .237  | .819  | -.819 |
| 0  | 2119 | .094   | .124  | .553  | -.367 |
| 0  | 2120 | .074   | .104  | -.421 | -.220 |
| 0  | 2121 | .480   | .103  | -.130 | -.883 |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 0  | 2122 | .129   | .195  | .842  | -.581  |
| 0  | 2123 | .034   | .113  | .559  | -.353  |
| 0  | 2124 | .018   | .102  | .383  | -.415  |
| 0  | 2125 | .520   | .099  | .137  | -.873  |
| 0  | 2126 | .163   | .156  | .759  | -.447  |
| 0  | 2127 | .100   | .123  | .582  | -.245  |
| 0  | 2128 | .142   | .165  | .417  | -.625  |
| 0  | 2129 | .381   | .098  | .009  | -.804  |
| 0  | 2130 | .153   | .108  | .633  | -.268  |
| 0  | 2201 | -1.208 | .216  | -.626 | -1.975 |
| 0  | 2202 | -1.054 | .178  | -.442 | -1.591 |
| 0  | 2203 | -.746  | .178  | -.321 | -1.370 |
| 0  | 2204 | -.575  | .164  | -.172 | -1.253 |
| 0  | 2205 | -.316  | .129  | -.235 | -1.059 |
| 0  | 2206 | -.524  | .113  | -.243 | -1.112 |
| 0  | 2207 | -1.151 | .220  | -.519 | -1.985 |
| 0  | 2208 | -.534  | .109  | -.197 | -.988  |
| 0  | 2209 | -1.019 | .153  | -.539 | -1.561 |
| 0  | 2210 | -1.040 | .166  | -.462 | -1.641 |
| 0  | 2211 | -.826  | .226  | .000  | -1.520 |
| 0  | 2212 | -.671  | .219  | -.041 | -1.319 |
| 0  | 2213 | -.608  | .150  | -.115 | -1.137 |
| 0  | 2214 | -.013  | .161  | -.375 | -1.676 |
| 0  | 2215 | -1.042 | .181  | -.395 | -1.787 |
| 0  | 2216 | -.985  | .226  | .002  | -1.964 |
| 0  | 2217 | -.692  | .251  | -.071 | -1.537 |
| 0  | 2218 | -.599  | .187  | -.053 | -1.405 |
| 0  | 2219 | -1.156 | .208  | -.671 | -2.032 |
| 0  | 2220 | -1.119 | .226  | -.466 | -1.964 |
| 0  | 2221 | -.596  | .170  | -.212 | -1.248 |
| 0  | 2222 | -.476  | .104  | -.201 | -1.012 |
| 0  | 2223 | -.464  | .086  | -.220 | -.954  |
| 0  | 2224 | -1.168 | .265  | -.429 | -2.172 |
| 0  | 2225 | -.573  | .143  | -.214 | -1.276 |
| 0  | 2226 | -.481  | .086  | -.197 | -.856  |
| 0  | 2227 | -.475  | .087  | -.182 | -.858  |
| 0  | 2228 | -.478  | .091  | -.170 | -.922  |
| 0  | 2229 | -.539  | .104  | -.219 | -.897  |
| 0  | 2230 | -.477  | .077  | -.165 | -.781  |
| 0  | 2231 | -.461  | .076  | -.213 | -.763  |
| 0  | 2232 | -.475  | .077  | -.225 | -.764  |
| 0  | 2233 | -.490  | .077  | -.226 | -.763  |
| 0  | 2234 | -.481  | .079  | -.197 | -.776  |
| 0  | 2235 | -.482  | .072  | -.241 | -.805  |
| 0  | 2236 | -.445  | .069  | -.218 | -.734  |
| 0  | 2237 | -.475  | .074  | -.230 | -.800  |
| 0  | 2238 | -.476  | .074  | -.216 | -.797  |
| 0  | 2239 | -.484  | .076  | -.171 | -.774  |
| 0  | 2240 | -.444  | .066  | -.189 | -.753  |
| 0  | 2241 | -.471  | .067  | -.273 | -.750  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 0  | 2242 | -.461  | .072  | -.017 | -.733  |
| 0  | 2301 | -.692  | .175  | -.309 | -1.680 |
| 0  | 2302 | -.629  | .143  | -.275 | -1.378 |
| 0  | 2303 | -.598  | .137  | -.259 | -1.695 |
| 0  | 2304 | -.581  | .130  | -.218 | -1.675 |
| 0  | 2305 | -.696  | .127  | -.337 | -1.188 |
| 0  | 2306 | -.642  | .142  | -.311 | -1.344 |
| 0  | 2307 | -.594  | .127  | -.276 | -1.308 |
| 0  | 2308 | -.641  | .140  | -.306 | -1.469 |
| 0  | 2309 | -.599  | .124  | -.265 | -1.106 |
| 0  | 2310 | -.631  | .141  | -.177 | -1.502 |
| 0  | 2311 | -.594  | .132  | -.164 | -1.243 |
| 0  | 2312 | -.562  | .122  | -.197 | -1.127 |
| 0  | 2313 | -.593  | .133  | -.260 | -1.277 |
| 0  | 2314 | -.597  | .151  | -.191 | -1.349 |
| 0  | 2315 | -.565  | .140  | -.181 | -1.141 |
| 0  | 2316 | -.543  | .132  | -.216 | -1.279 |
| 0  | 2317 | -.583  | .151  | -.241 | -1.485 |
| 0  | 2318 | -.532  | .121  | -.258 | -1.086 |
| 0  | 2319 | -.515  | .118  | -.210 | -1.129 |
| 0  | 2320 | -.498  | .117  | -.218 | -1.134 |
| 0  | 2321 | -.539  | .112  | -.275 | -1.063 |
| 0  | 2322 | -.481  | .097  | -.206 | -.981  |
| 0  | 2323 | -.474  | .095  | -.218 | -.960  |
| 0  | 2324 | -.438  | .080  | -.228 | -.857  |
| 0  | 2325 | -.467  | .082  | -.198 | -1.046 |
| 0  | 2326 | -.508  | .100  | -.254 | -.954  |
| 0  | 2327 | -.479  | .083  | -.266 | -.825  |
| 0  | 2328 | -.403  | .067  | -.204 | -.717  |
| 0  | 2329 | -.434  | .071  | -.174 | -.834  |
| 0  | 2330 | -.370  | .058  | -.158 | -.629  |
| 0  | 2331 | -.389  | .069  | -.131 | -.692  |
| 0  | 2332 | -.334  | .059  | -.116 | -.600  |
| 0  | 2401 | -.562  | .110  | -.253 | -1.198 |
| 0  | 2402 | -.518  | .094  | -.218 | -.985  |
| 0  | 2403 | -.526  | .089  | -.259 | -1.040 |
| 0  | 2404 | -.517  | .086  | -.261 | -.992  |
| 0  | 2405 | -.563  | .075  | -.337 | -.899  |
| 0  | 2406 | -.554  | .075  | -.275 | -.830  |
| 0  | 2407 | -.554  | .104  | -.278 | -.991  |
| 0  | 2408 | -.482  | .061  | -.268 | -.710  |
| 0  | 2409 | -.551  | .096  | -.294 | -.998  |
| 0  | 2410 | -.505  | .074  | -.230 | -.928  |
| 0  | 2411 | -.513  | .074  | -.302 | -1.037 |
| 0  | 2412 | -.505  | .080  | -.282 | -1.130 |
| 0  | 2413 | -.557  | .086  | -.289 | -.870  |
| 0  | 2414 | -.497  | .093  | -.275 | -.973  |
| 0  | 2415 | -.486  | .069  | -.302 | -.868  |
| 0  | 2416 | -.476  | .068  | -.294 | -.916  |
| 0  | 2417 | -.516  | .082  | -.212 | -.969  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPHEAN | CPRMS | CPHAX | CPHIN |
|----|------|--------|-------|-------|-------|
| 0  | 2418 | .500   | .091  | .230  | -.079 |
| 0  | 2419 | .498   | .091  | .278  | -.059 |
| 0  | 2420 | .479   | .075  | .282  | -.907 |
| 0  | 2421 | .515   | .091  | .277  | -.094 |
| 0  | 2422 | .492   | .095  | .232  | -.083 |
| 0  | 2423 | .510   | .105  | .227  | -.066 |
| 0  | 2424 | .525   | .142  | .242  | -.136 |
| 0  | 2425 | .535   | .114  | .181  | -.123 |
| 0  | 2426 | .503   | .112  | .182  | -.122 |
| 0  | 2427 | .510   | .118  | .213  | -.149 |
| 0  | 2428 | .506   | .119  | .135  | -.138 |
| 0  | 2429 | .508   | .155  | .169  | -.183 |
| 0  | 2430 | .504   | .108  | .225  | -.988 |
| 0  | 2431 | .535   | .113  | .133  | -.982 |
| 0  | 2432 | .500   | .092  | .140  | -.980 |
| 0  | 2433 | .480   | .097  | .215  | -.200 |
| 0  | 2434 | .473   | .098  | .225  | -.014 |
| 0  | 2435 | .497   | .099  | .247  | -.943 |
| 0  | 2501 | .504   | .085  | .275  | -.980 |
| 0  | 2502 | .635   | .091  | .132  | -.989 |
| 0  | 2503 | .722   | .101  | .410  | -.145 |
| 0  | 2504 | .700   | .088  | .425  | -.013 |
| 0  | 2505 | .680   | .084  | .438  | -.037 |
| 0  | 2506 | .681   | .090  | .410  | -.136 |
| 0  | 2507 | .674   | .090  | .400  | -.055 |
| 0  | 2508 | .639   | .086  | .168  | -.061 |
| 0  | 2509 | .649   | .082  | .426  | -.082 |
| 0  | 2510 | .597   | .089  | .234  | -.972 |
| 0  | 2511 | .590   | .075  | .380  | -.948 |
| 0  | 2512 | .575   | .097  | .224  | -.109 |
| 0  | 2513 | .553   | .097  | .318  | -.230 |
| 0  | 2514 | .545   | .091  | .321  | -.272 |
| 0  | 2515 | .539   | .089  | .275  | -.228 |
| 0  | 2516 | .535   | .110  | .137  | -.186 |
| 0  | 2517 | .547   | .113  | .195  | -.147 |
| 0  | 2518 | .528   | .112  | .278  | -.213 |
| 0  | 2519 | .511   | .108  | .260  | -.268 |
| 0  | 2520 | .506   | .114  | .122  | -.117 |
| 0  | 2521 | .506   | .120  | .235  | -.120 |
| 0  | 2522 | .474   | .121  | .306  | -.127 |
| 0  | 2523 | .501   | .124  | .300  | -.491 |
| 0  | 2524 | .543   | .117  | .221  | -.081 |
| 0  | 2525 | .588   | .126  | .243  | -.167 |
| 0  | 2526 | .644   | .134  | .306  | -.588 |
| 0  | 2527 | .678   | .152  | .360  | -.521 |
| 0  | 2528 | .603   | .085  | .191  | -.776 |
| 0  | 2529 | .603   | .192  | .306  | -.786 |
| 0  | 2530 | .407   | .081  | .176  | -.815 |
| 0  | 2531 | .282   | .064  | .089  | -.595 |
| 0  | 2532 | .644   | .110  | .234  | -.109 |

| WD | TAP  | CPHEAN | CPRMS | CPHAX | CPHIN |
|----|------|--------|-------|-------|-------|
| 0  | 2601 | .321   | .060  | .105  | -.579 |
| 0  | 2602 | .184   | .073  | .065  | -.420 |
| 0  | 2603 | .124   | .082  | .123  | -.375 |
| 0  | 2604 | .110   | .092  | .155  | -.384 |
| 0  | 2605 | .053   | .104  | .240  | -.356 |
| 0  | 2606 | .162   | .139  | .624  | -.286 |
| 0  | 2607 | .238   | .062  | .025  | -.488 |
| 0  | 2608 | .505   | .166  | .031  | -.013 |
| 0  | 2609 | .224   | .066  | .013  | -.526 |
| 0  | 2610 | .044   | .083  | .301  | -.216 |
| 0  | 2611 | .293   | .113  | .640  | -.018 |
| 0  | 2612 | .397   | .132  | .776  | -.043 |
| 0  | 2613 | .533   | .160  | .984  | -.025 |
| 0  | 2614 | .227   | .069  | .055  | -.524 |
| 0  | 2615 | .030   | .082  | .320  | -.223 |
| 0  | 2616 | .146   | .095  | .461  | -.155 |
| 0  | 2617 | .358   | .127  | .756  | -.005 |
| 0  | 2618 | .467   | .166  | .947  | -.281 |
| 0  | 2619 | .257   | .073  | .033  | -.548 |
| 0  | 2620 | .026   | .081  | .262  | -.295 |
| 0  | 2621 | .185   | .106  | .561  | -.105 |
| 0  | 2622 | .272   | .119  | .859  | -.075 |
| 0  | 2623 | .372   | .143  | .853  | -.253 |
| 0  | 2624 | .323   | .081  | .015  | -.649 |
| 0  | 2625 | .077   | .074  | .188  | -.276 |
| 0  | 2626 | .025   | .082  | .373  | -.184 |
| 0  | 2627 | .140   | .103  | .628  | -.110 |
| 0  | 2628 | .154   | .136  | .672  | -.570 |
| 0  | 2629 | .291   | .073  | .018  | -.551 |
| 0  | 2630 | .079   | .115  | .477  | -.442 |
| 0  | 2631 | .009   | .066  | .260  | -.225 |
| 0  | 2632 | .018   | .079  | .326  | -.221 |
| 0  | 2633 | .080   | .080  | .396  | -.145 |
| 0  | 2634 | .082   | .087  | .388  | -.171 |
| 0  | 2635 | .089   | .094  | .443  | -.243 |
| 0  | 2701 | .447   | .062  | .603  | -.244 |
| 0  | 2702 | .382   | .066  | .103  | -.709 |
| 0  | 2703 | .427   | .063  | .221  | -.731 |
| 0  | 2704 | .181   | .116  | .272  | -.599 |
| 0  | 2705 | .354   | .125  | .778  | -.102 |
| 0  | 2706 | .412   | .091  | .025  | -.746 |
| 0  | 2707 | .468   | .104  | .053  | -.937 |
| 0  | 2708 | .306   | .089  | .050  | -.739 |
| 0  | 2709 | .347   | .086  | .035  | -.647 |
| 0  | 2710 | .370   | .106  | .043  | -.835 |
| 0  | 2711 | .327   | .089  | .696  | -.037 |
| 0  | 2712 | .544   | .117  | .177  | -.977 |
| 0  | 2713 | .461   | .096  | .013  | -.850 |
| 0  | 2714 | .333   | .088  | .035  | -.743 |
| 0  | 2715 | .175   | .126  | .574  | -.388 |

| WD | TAP  | CPHEAN | CPRMS | CPHAX | CPHIN |
|----|------|--------|-------|-------|-------|
| 0  | 2716 | .287   | .096  | .150  | -.647 |
| 0  | 2717 | .706   | .352  | .389  | -.735 |
| 0  | 2718 | .810   | .300  | .173  | -.838 |
| 0  | 2719 | .888   | .275  | .030  | -.117 |
| 0  | 2720 | .622   | .130  | 1.305 | -.276 |
| 0  | 2721 | .448   | .096  | -.175 | -.270 |
| 0  | 2722 | .463   | .108  | -.168 | -.287 |
| 0  | 2723 | .398   | .108  | .070  | -.977 |
| 0  | 2724 | .322   | .150  | 1.310 | -.124 |
| 0  | 2725 | .208   | .120  | .221  | -.687 |
| 0  | 2801 | .231   | .157  | .925  | -.196 |
| 0  | 2802 | .165   | .148  | .803  | -.123 |
| 0  | 2803 | .035   | .139  | .393  | -.755 |
| 0  | 2804 | .082   | .133  | .559  | -.490 |
| 0  | 2805 | .223   | .094  | .206  | -.508 |
| 0  | 2806 | .506   | .145  | -.065 | -.088 |
| 0  | 2807 | .264   | .115  | .897  | -.084 |
| 0  | 2808 | .216   | .088  | .404  | -.571 |
| 0  | 2809 | .231   | .103  | .259  | -.772 |
| 0  | 2810 | .172   | .127  | .471  | -.582 |
| 0  | 2811 | .093   | .090  | .216  | -.614 |
| 0  | 2812 | .075   | .122  | .659  | -.258 |
| 0  | 2813 | .229   | .101  | .053  | -.628 |
| 0  | 2814 | .574   | .217  | .003  | -.478 |
| 0  | 2815 | .166   | .092  | .579  | -.089 |
| 0  | 2816 | .160   | .079  | .084  | -.591 |
| 0  | 2817 | .184   | .081  | .151  | -.777 |
| 0  | 2818 | .180   | .087  | .239  | -.438 |
| 0  | 2819 | .113   | .065  | .077  | -.460 |
| 0  | 2820 | .113   | .103  | .630  | -.157 |
| 0  | 2821 | .240   | .106  | .128  | -.644 |
| 0  | 2822 | .388   | .227  | 1.394 | -.082 |
| 0  | 2823 | .156   | .081  | .093  | -.481 |
| 0  | 2824 | .180   | .077  | .636  | -.060 |
| 0  | 2825 | .149   | .071  | .111  | -.564 |
| 0  | 2826 | .145   | .087  | .304  | -.375 |
| 0  | 2827 | .073   | .050  | .257  | -.116 |
| 0  | 2828 | .106   | .107  | .186  | -.579 |
| 0  | 2829 | .128   | .089  | .187  | -.482 |
| 0  | 2830 | .263   | .128  | .065  | -.830 |
| 0  | 2831 | .160   | .083  | .111  | -.448 |
| 0  | 2832 | .176   | .069  | .467  | -.045 |
| 0  | 2833 | .153   | .065  | .108  | -.379 |
| 0  | 2834 | .177   | .083  | .194  | -.480 |
| 0  | 2835 | .088   | .049  | .428  | -.050 |
| 0  | 2836 | .190   | .089  | .562  | -.142 |
| 0  | 2837 | .135   | .061  | .114  | -.446 |
| 0  | 2838 | .171   | .084  | .201  | -.485 |
| 0  | 2839 | .096   | .068  | .373  | -.138 |
| 0  | 2840 | .030   | .092  | .298  | -.350 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 0  | 2841 | .150   | .072  | .049  | .485  |
| 0  | 2842 | .101   | .068  | .171  | .364  |
| 0  | 2843 | .090   | .048  | .269  | .048  |
| 0  | 2844 | .123   | .068  | .355  | .129  |
| 0  | 2845 | .145   | .069  | .057  | .438  |
| 0  | 2846 | .123   | .068  | .211  | .370  |
| 0  | 2847 | .091   | .069  | .436  | .179  |
| 0  | 2848 | .082   | .064  | .102  | .420  |
| 0  | 2849 | .093   | .055  | .256  | .135  |
| 0  | 2850 | .115   | .100  | .490  | .136  |
| 0  | 2851 | .083   | .057  | .285  | .205  |
| 0  | 2852 | .086   | .057  | .146  | .358  |
| 0  | 2853 | .096   | .068  | .074  | .350  |
| 0  | 2854 | .107   | .043  | .064  | .301  |
| 0  | 2855 | .083   | .047  | .138  | .261  |
| 0  | 2856 | .075   | .053  | .181  | .252  |
| 0  | 2857 | .091   | .082  | .091  | .737  |
| 0  | 2858 | .069   | .069  | .083  | .683  |
| 0  | 2859 | .094   | .094  | .145  | .035  |
| 0  | 2860 | .093   | .093  | .134  | .074  |
| 0  | 2861 | .070   | .070  | .174  | .884  |
| 0  | 2862 | .047   | .194  | .545  | .545  |
| 0  | 2863 | .077   | .007  | .683  | .683  |
| 0  | 2864 | .052   | .073  | .516  | .516  |
| 0  | 2865 | .047   | .155  | .553  | .553  |
| 0  | 2866 | .047   | .190  | .517  | .517  |
| 0  | 2867 | .072   | .147  | .438  | .438  |
| 0  | 2868 | .046   | .047  | .455  | .455  |
| 0  | 2869 | .041   | .164  | .465  | .465  |
| 0  | 2870 | .043   | .137  | .460  | .460  |
| 0  | 2871 | .048   | .170  | .499  | .499  |
| 0  | 2872 | .050   | .158  | .521  | .521  |
| 0  | 2873 | .054   | .138  | .548  | .548  |
| 1  | 101  | .080   | .053  | .563  | .563  |
| 1  | 102  | .105   | .095  | .747  | .747  |
| 1  | 103  | .132   | .149  | .909  | .909  |
| 1  | 104  | .184   | .376  | .866  | .866  |
| 1  | 105  | .113   | .127  | .719  | .719  |
| 1  | 106  | .116   | .139  | .837  | .837  |
| 1  | 107  | .082   | .115  | .406  | .406  |
| 1  | 108  | .061   | .032  | .371  | .371  |
| 1  | 109  | .148   | .151  | .448  | .448  |
| 1  | 110  | .067   | .092  | .564  | .564  |
| 1  | 111  | .076   | .042  | .628  | .628  |
| 1  | 112  | .103   | .141  | .628  | .628  |
| 1  | 201  | .110   | .389  | .421  | .421  |
| 1  | 202  | .117   | .101  | .910  | .910  |
| 1  | 203  | .084   | .133  | .734  | .734  |
| 1  | 204  | .081   | .055  | .634  | .634  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 15 | 205  | .497   | .097  | .185  | .856   |
| 15 | 206  | .626   | .098  | .287  | .061   |
| 15 | 207  | .937   | .123  | .501  | .1.337 |
| 15 | 208  | .1.101 | .160  | .653  | .1.796 |
| 15 | 209  | .516   | .356  | .755  | .2.883 |
| 15 | 210  | .683   | .174  | .215  | .1.241 |
| 15 | 211  | .548   | .121  | .228  | .942   |
| 15 | 212  | .391   | .093  | .154  | .754   |
| 15 | 1101 | .308   | .082  | .092  | .750   |
| 15 | 1102 | .313   | .092  | .091  | .857   |
| 15 | 1103 | .339   | .082  | .130  | .729   |
| 15 | 1104 | .358   | .099  | .135  | .866   |
| 15 | 1105 | .358   | .086  | .105  | .719   |
| 15 | 1106 | .358   | .069  | .041  | .594   |
| 15 | 1107 | .359   | .081  | .178  | .946   |
| 15 | 1108 | .329   | .069  | .102  | .691   |
| 15 | 1109 | .339   | .084  | .110  | .877   |
| 15 | 1110 | .303   | .077  | .088  | .890   |
| 15 | 1111 | .324   | .081  | .095  | .846   |
| 15 | 1112 | .320   | .082  | .090  | .769   |
| 15 | 1113 | .329   | .084  | .146  | .753   |
| 15 | 1114 | .320   | .086  | .054  | .842   |
| 15 | 1115 | .330   | .082  | .081  | .878   |
| 15 | 1116 | .319   | .080  | .102  | .847   |
| 15 | 1117 | .307   | .075  | .115  | .942   |
| 15 | 1118 | .345   | .065  | .170  | .657   |
| 15 | 1119 | .347   | .055  | .178  | .633   |
| 15 | 1120 | .332   | .052  | .180  | .623   |
| 15 | 1121 | .344   | .057  | .137  | .752   |
| 15 | 1122 | .322   | .070  | .047  | .598   |
| 15 | 1123 | .362   | .082  | .080  | .672   |
| 15 | 1124 | .446   | .093  | .128  | .864   |
| 15 | 1125 | .562   | .135  | .197  | .1.247 |
| 15 | 1126 | .243   | .056  | .061  | .594   |
| 15 | 1127 | .229   | .056  | .027  | .479   |
| 15 | 1128 | .291   | .064  | .024  | .524   |
| 15 | 1129 | .434   | .117  | .098  | .899   |
| 15 | 1130 | .213   | .053  | .034  | .428   |
| 15 | 1201 | .285   | .079  | .064  | .750   |
| 15 | 1202 | .235   | .110  | .112  | .026   |
| 15 | 1203 | .223   | .111  | .158  | .949   |
| 15 | 1204 | .239   | .133  | .253  | .1.070 |
| 15 | 1205 | .275   | .164  | .220  | .1.193 |
| 15 | 1206 | .308   | .183  | .318  | .1.235 |
| 15 | 1207 | .265   | .066  | .046  | .659   |
| 15 | 1208 | .320   | .227  | .338  | .1.430 |
| 15 | 1209 | .278   | .065  | .037  | .677   |
| 15 | 1210 | .221   | .086  | .044  | .616   |
| 15 | 1211 | .178   | .125  | .216  | .638   |
| 15 | 1212 | .185   | .144  | .350  | .786   |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 15 | 1213 | .217   | .160  | .428  | .653   |
| 15 | 1214 | .258   | .063  | .066  | .577   |
| 15 | 1215 | .191   | .086  | .209  | .583   |
| 15 | 1216 | .168   | .110  | .260  | .669   |
| 15 | 1217 | .144   | .158  | .359  | .792   |
| 15 | 1218 | .147   | .188  | .522  | .869   |
| 15 | 1219 | .268   | .046  | .110  | .463   |
| 15 | 1220 | .208   | .055  | .044  | .474   |
| 15 | 1221 | .145   | .087  | .159  | .604   |
| 15 | 1222 | .101   | .111  | .223  | .757   |
| 15 | 1223 | .081   | .160  | .506  | .736   |
| 15 | 1224 | .324   | .062  | .112  | .584   |
| 15 | 1225 | .230   | .064  | .024  | .543   |
| 15 | 1226 | .245   | .071  | .022  | .645   |
| 15 | 1227 | .215   | .085  | .050  | .585   |
| 15 | 1228 | .352   | .160  | .124  | .956   |
| 15 | 1229 | .147   | .093  | .208  | .521   |
| 15 | 1230 | .130   | .128  | .320  | .551   |
| 15 | 1231 | .291   | .120  | .074  | .1.124 |
| 15 | 1232 | .348   | .136  | .085  | .046   |
| 15 | 1233 | .291   | .115  | .181  | .760   |
| 15 | 1234 | .205   | .111  | .170  | .633   |
| 15 | 1235 | .088   | .111  | .816  | .370   |
| 15 | 1236 | .084   | .146  | .518  | .475   |
| 15 | 1237 | .381   | .182  | .058  | .1.229 |
| 15 | 1238 | .282   | .140  | .232  | .1.259 |
| 15 | 1239 | .231   | .115  | .144  | .648   |
| 15 | 1240 | .070   | .210  | .768  | .497   |
| 15 | 1241 | .315   | .106  | .058  | .714   |
| 15 | 1242 | .249   | .110  | .120  | .744   |
| 15 | 1301 | .198   | .162  | .624  | .828   |
| 15 | 1302 | .165   | .169  | .572  | .911   |
| 15 | 1303 | .092   | .193  | .540  | .711   |
| 15 | 1304 | .036   | .248  | .780  | .869   |
| 15 | 1305 | .092   | .219  | .730  | .936   |
| 15 | 1306 | .200   | .164  | .739  | .860   |
| 15 | 1307 | .157   | .171  | .610  | .742   |
| 15 | 1308 | .218   | .158  | .548  | .689   |
| 15 | 1309 | .183   | .195  | .550  | .1.174 |
| 15 | 1310 | .208   | .175  | .591  | .705   |
| 15 | 1311 | .212   | .147  | .477  | .665   |
| 15 | 1312 | .216   | .122  | .258  | .649   |
| 15 | 1313 | .269   | .099  | .050  | .761   |
| 15 | 1314 | .131   | .218  | .666  | .770   |
| 15 | 1315 | .159   | .190  | .670  | .728   |
| 15 | 1316 | .168   | .146  | .558  | .603   |
| 15 | 1317 | .244   | .117  | .230  | .011   |
| 15 | 1318 | .097   | .202  | .674  | .732   |
| 15 | 1319 | .119   | .212  | .682  | .651   |
| 15 | 1320 | .078   | .201  | .701  | .627   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAH | CPRMS | CPHAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 15 | 1321 | 045    | 155   | 543   | 699   |
| 15 | 1322 | 042    | 142   | 548   | 419   |
| 15 | 1323 | 174    | 177   | 771   | 376   |
| 15 | 1324 | 214    | 170   | 816   | 273   |
| 15 | 1325 | 130    | 158   | 766   | 329   |
| 15 | 1326 | 045    | 122   | 555   | 409   |
| 15 | 1327 | 162    | 160   | 740   | 362   |
| 15 | 1328 | 175    | 174   | 900   | 254   |
| 15 | 1329 | 142    | 164   | 739   | 343   |
| 15 | 1330 | 042    | 112   | 545   | 283   |
| 15 | 1331 | 023    | 146   | 550   | 369   |
| 15 | 1332 | 142    | 063   | 213   | 352   |
| 15 | 1401 | 105    | 229   | 711   | 203   |
| 15 | 1402 | 118    | 182   | 618   | 959   |
| 15 | 1403 | 124    | 163   | 516   | 718   |
| 15 | 1404 | 121    | 153   | 486   | 646   |
| 15 | 1405 | 151    | 159   | 341   | 737   |
| 15 | 1406 | 234    | 117   | 325   | 821   |
| 15 | 1407 | 233    | 187   | 501   | 372   |
| 15 | 1408 | 227    | 085   | 187   | 582   |
| 15 | 1409 | 273    | 096   | 062   | 032   |
| 15 | 1410 | 238    | 103   | 213   | 766   |
| 15 | 1411 | 183    | 113   | 352   | 579   |
| 15 | 1412 | 168    | 114   | 366   | 524   |
| 15 | 1413 | 233    | 113   | 290   | 658   |
| 15 | 1414 | 233    | 113   | 233   | 795   |
| 15 | 1415 | 255    | 157   | 388   | 020   |
| 15 | 1416 | 176    | 162   | 412   | 988   |
| 15 | 1417 | 108    | 155   | 569   | 540   |
| 15 | 1418 | 187    | 121   | 327   | 589   |
| 15 | 1419 | 388    | 182   | 229   | 263   |
| 15 | 1420 | 344    | 216   | 244   | 223   |
| 15 | 1421 | 180    | 141   | 387   | 826   |
| 15 | 1422 | 169    | 108   | 259   | 627   |
| 15 | 1423 | 242    | 078   | 048   | 523   |
| 15 | 1424 | 363    | 195   | 072   | 654   |
| 15 | 1425 | 400    | 190   | 290   | 373   |
| 15 | 1426 | 288    | 133   | 206   | 957   |
| 15 | 1427 | 234    | 069   | 087   | 619   |
| 15 | 1428 | 253    | 060   | 050   | 680   |
| 15 | 1429 | 365    | 148   | 029   | 222   |
| 15 | 1430 | 248    | 055   | 114   | 472   |
| 15 | 1431 | 124    | 060   | 022   | 569   |
| 15 | 1432 | 194    | 051   | 000   | 416   |
| 15 | 1433 | 191    | 046   | 014   | 396   |
| 15 | 1434 | 207    | 045   | 044   | 407   |
| 15 | 1435 | 162    | 053   | 063   | 345   |
| 15 | 1501 | 477    | 202   | 043   | 338   |
| 15 | 1502 | 417    | 158   | 009   | 129   |
| 15 | 1503 | 381    | 111   | 153   | 862   |

| WD | TAP  | CPNEAH | CPRMS | CPHAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 15 | 1504 | 444    | 199   | 103   | 384   |
| 15 | 1505 | 312    | 106   | 066   | 713   |
| 15 | 1506 | 381    | 136   | 075   | 067   |
| 15 | 1507 | 346    | 115   | 073   | 026   |
| 15 | 1508 | 399    | 133   | 110   | 911   |
| 15 | 1509 | 324    | 098   | 049   | 850   |
| 15 | 1510 | 477    | 164   | 018   | 403   |
| 15 | 1511 | 312    | 077   | 058   | 733   |
| 15 | 1512 | 386    | 123   | 065   | 063   |
| 15 | 1513 | 303    | 077   | 082   | 983   |
| 15 | 1514 | 248    | 084   | 075   | 605   |
| 15 | 1515 | 292    | 059   | 131   | 569   |
| 15 | 1516 | 477    | 174   | 016   | 301   |
| 15 | 1517 | 310    | 068   | 073   | 620   |
| 15 | 1518 | 240    | 077   | 119   | 508   |
| 15 | 1519 | 311    | 056   | 148   | 625   |
| 15 | 1520 | 411    | 135   | 020   | 061   |
| 15 | 1521 | 310    | 084   | 051   | 682   |
| 15 | 1522 | 268    | 073   | 031   | 676   |
| 15 | 1523 | 274    | 066   | 022   | 578   |
| 15 | 1524 | 310    | 076   | 107   | 732   |
| 15 | 1525 | 286    | 070   | 080   | 682   |
| 15 | 1526 | 293    | 067   | 108   | 574   |
| 15 | 1527 | 278    | 065   | 042   | 623   |
| 15 | 1528 | 323    | 086   | 121   | 766   |
| 15 | 1529 | 245    | 067   | 004   | 560   |
| 15 | 1530 | 297    | 083   | 108   | 762   |
| 15 | 1531 | 182    | 062   | 017   | 472   |
| 15 | 1532 | 219    | 062   | 000   | 488   |
| 15 | 1601 | 331    | 104   | 073   | 032   |
| 15 | 1602 | 312    | 076   | 095   | 692   |
| 15 | 1603 | 294    | 066   | 104   | 634   |
| 15 | 1604 | 290    | 058   | 114   | 557   |
| 15 | 1605 | 271    | 055   | 100   | 582   |
| 15 | 1606 | 204    | 067   | 018   | 508   |
| 15 | 1607 | 329    | 090   | 093   | 937   |
| 15 | 1608 | 279    | 057   | 123   | 560   |
| 15 | 1609 | 308    | 069   | 128   | 644   |
| 15 | 1610 | 310    | 062   | 124   | 572   |
| 15 | 1611 | 289    | 054   | 095   | 534   |
| 15 | 1612 | 282    | 048   | 107   | 580   |
| 15 | 1613 | 267    | 051   | 102   | 578   |
| 15 | 1614 | 338    | 079   | 148   | 689   |
| 15 | 1615 | 324    | 085   | 133   | 778   |
| 15 | 1616 | 312    | 070   | 132   | 669   |
| 15 | 1617 | 276    | 049   | 140   | 516   |
| 15 | 1618 | 286    | 049   | 093   | 526   |
| 15 | 1619 | 283    | 064   | 082   | 824   |
| 15 | 1620 | 283    | 056   | 085   | 566   |
| 15 | 1621 | 279    | 045   | 100   | 503   |

| WD | TAP  | CPNEAH | CPRMS | CPHAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 15 | 1622 | 294    | 045   | 135   | 484   |
| 15 | 1623 | 306    | 051   | 128   | 545   |
| 15 | 1624 | 258    | 057   | 072   | 613   |
| 15 | 1625 | 252    | 051   | 064   | 476   |
| 15 | 1626 | 289    | 058   | 141   | 692   |
| 15 | 1627 | 298    | 059   | 093   | 578   |
| 15 | 1628 | 332    | 094   | 009   | 802   |
| 15 | 1629 | 253    | 081   | 031   | 673   |
| 15 | 1630 | 266    | 087   | 035   | 716   |
| 15 | 1631 | 236    | 076   | 007   | 591   |
| 15 | 1632 | 242    | 079   | 018   | 620   |
| 15 | 1633 | 214    | 074   | 047   | 571   |
| 15 | 1634 | 229    | 072   | 007   | 537   |
| 15 | 1635 | 232    | 079   | 095   | 704   |
| 15 | 1701 | 191    | 078   | 470   | 169   |
| 15 | 1702 | 354    | 060   | 131   | 586   |
| 15 | 1703 | 300    | 079   | 160   | 601   |
| 15 | 1704 | 293    | 137   | 070   | 000   |
| 15 | 1705 | 256    | 101   | 740   | 194   |
| 15 | 1706 | 294    | 097   | 042   | 752   |
| 15 | 1707 | 314    | 108   | 023   | 019   |
| 15 | 1708 | 463    | 132   | 049   | 102   |
| 15 | 1709 | 506    | 106   | 187   | 925   |
| 15 | 1710 | 479    | 101   | 106   | 874   |
| 15 | 1711 | 264    | 130   | 000   | 093   |
| 15 | 1712 | 157    | 107   | 133   | 490   |
| 15 | 1713 | 287    | 087   | 042   | 839   |
| 15 | 1714 | 366    | 093   | 030   | 824   |
| 15 | 1715 | 451    | 094   | 801   | 176   |
| 15 | 1716 | 402    | 126   | 079   | 952   |
| 15 | 1717 | 027    | 102   | 432   | 310   |
| 15 | 1718 | 089    | 100   | 252   | 419   |
| 15 | 1719 | 067    | 110   | 300   | 445   |
| 15 | 1720 | 066    | 096   | 375   | 301   |
| 15 | 1721 | 153    | 096   | 294   | 443   |
| 15 | 1722 | 165    | 088   | 193   | 478   |
| 15 | 1723 | 327    | 092   | 068   | 700   |
| 15 | 1724 | 467    | 094   | 113   | 229   |
| 15 | 1725 | 461    | 091   | 212   | 952   |
| 15 | 1801 | 214    | 054   | 054   | 419   |
| 15 | 1802 | 211    | 053   | 033   | 407   |
| 15 | 1803 | 212    | 053   | 421   | 021   |
| 15 | 1804 | 237    | 063   | 054   | 635   |
| 15 | 1805 | 299    | 090   | 057   | 855   |
| 15 | 1806 | 294    | 094   | 063   | 037   |
| 15 | 1807 | 302    | 089   | 845   | 035   |
| 15 | 1808 | 369    | 089   | 068   | 787   |
| 15 | 1809 | 421    | 076   | 198   | 829   |
| 15 | 1810 | 391    | 063   | 208   | 735   |
| 15 | 1811 | 205    | 050   | 393   | 025   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|--------|
| 15 | 1812 | .220   | .054  | .068  | .476  | 15 | 1861 | .113   | .111  | .397  | .497  | 15 | 2208 | .577   | .103  | .233  | -1.176 |
| 15 | 1813 | .272   | .073  | .068  | .568  | 15 | 1862 | .101   | .126  | .396  | .522  | 15 | 2209 | .543   | .081  | .301  | -1.904 |
| 15 | 1814 | .257   | .070  | .040  | .602  | 15 | 1863 | .322   | .056  | .074  | .533  | 15 | 2210 | .547   | .084  | .311  | -1.902 |
| 15 | 1815 | .286   | .079  | .710  | .042  | 15 | 1864 | .260   | .075  | .178  | .575  | 15 | 2211 | .562   | .109  | .269  | -1.141 |
| 15 | 1816 | .351   | .078  | .042  | .738  | 15 | 1865 | .156   | .080  | .241  | .372  | 15 | 2212 | .581   | .113  | .224  | -1.239 |
| 15 | 1817 | .411   | .081  | .111  | .902  | 15 | 1866 | .212   | .072  | .048  | .454  | 15 | 2213 | .638   | .137  | .230  | -1.310 |
| 15 | 1818 | .380   | .066  | .222  | .726  | 15 | 1867 | .317   | .052  | .152  | .521  | 15 | 2214 | .580   | .119  | .291  | -1.199 |
| 15 | 1819 | .214   | .049  | .511  | .032  | 15 | 1868 | .221   | .074  | .098  | .523  | 15 | 2215 | .581   | .110  | .303  | -1.988 |
| 15 | 1820 | .226   | .053  | .070  | .469  | 15 | 1869 | .120   | .084  | .377  | .444  | 15 | 2216 | .603   | .117  | .330  | -1.105 |
| 15 | 1821 | .269   | .078  | .026  | .619  | 15 | 1870 | .121   | .085  | .326  | .572  | 15 | 2217 | .602   | .119  | .183  | -1.123 |
| 15 | 1822 | .253   | .073  | .629  | .049  | 15 | 1871 | .122   | .069  | .115  | .359  | 15 | 2218 | .609   | .139  | .161  | -1.367 |
| 15 | 1823 | .283   | .085  | .030  | .894  | 15 | 1872 | .146   | .082  | .185  | .510  | 15 | 2219 | .750   | .184  | .348  | -1.530 |
| 15 | 1824 | .334   | .081  | .840  | .005  | 15 | 1873 | .140   | .099  | .211  | .507  | 15 | 2220 | .774   | .197  | .356  | -1.992 |
| 15 | 1825 | .394   | .088  | .077  | 1.176 | 15 | 2101 | .451   | .322  | .167  | .521  | 15 | 2221 | .647   | .142  | .166  | -1.258 |
| 15 | 1826 | .387   | .072  | .163  | .801  | 15 | 2102 | .277   | .116  | .005  | .100  | 15 | 2222 | .541   | .116  | .184  | -1.065 |
| 15 | 1827 | .205   | .050  | .042  | .426  | 15 | 2103 | .196   | .069  | .055  | .424  | 15 | 2223 | .492   | .110  | .115  | -1.993 |
| 15 | 1828 | .233   | .054  | .456  | .081  | 15 | 2104 | .330   | .063  | .139  | .580  | 15 | 2224 | .563   | .255  | .384  | -2.034 |
| 15 | 1829 | .269   | .072  | .063  | .623  | 15 | 2105 | .403   | .113  | .142  | .058  | 15 | 2225 | .530   | .140  | .157  | -1.306 |
| 15 | 1830 | .258   | .075  | .012  | .768  | 15 | 2106 | .156   | .191  | .220  | .190  | 15 | 2226 | .463   | .095  | .136  | -1.927 |
| 15 | 1831 | .284   | .088  | .009  | .972  | 15 | 2107 | .175   | .063  | .083  | .408  | 15 | 2227 | .437   | .072  | .097  | -1.750 |
| 15 | 1832 | .339   | .092  | .930  | .030  | 15 | 2108 | .323   | .316  | .547  | .220  | 15 | 2228 | .443   | .078  | .164  | -1.809 |
| 15 | 1833 | .395   | .090  | .187  | .937  | 15 | 2109 | .319   | .058  | .104  | .529  | 15 | 2229 | .440   | .083  | .202  | -1.791 |
| 15 | 1834 | .395   | .077  | .191  | .728  | 15 | 2110 | .231   | .307  | .686  | .070  | 15 | 2230 | .426   | .072  | .134  | -1.724 |
| 15 | 1835 | .221   | .049  | .049  | .631  | 15 | 2111 | .006   | .174  | .408  | .163  | 15 | 2231 | .392   | .076  | .066  | -1.698 |
| 15 | 1836 | .257   | .069  | .604  | .460  | 15 | 2112 | .067   | .105  | .408  | .703  | 15 | 2232 | .432   | .067  | .189  | -1.739 |
| 15 | 1837 | .273   | .080  | .013  | .633  | 15 | 2113 | .303   | .064  | .106  | .563  | 15 | 2233 | .436   | .067  | .254  | -1.733 |
| 15 | 1838 | .401   | .076  | .196  | .733  | 15 | 2114 | .223   | .306  | .626  | .075  | 15 | 2234 | .447   | .069  | .238  | -1.763 |
| 15 | 1839 | .199   | .054  | .007  | .436  | 15 | 2115 | .027   | .159  | .356  | .969  | 15 | 2235 | .412   | .070  | .075  | -1.687 |
| 15 | 1840 | .241   | .069  | .592  | .033  | 15 | 2116 | .032   | .108  | .353  | .563  | 15 | 2236 | .384   | .070  | .089  | -1.652 |
| 15 | 1841 | .335   | .102  | .016  | .934  | 15 | 2117 | .322   | .076  | .093  | .579  | 15 | 2237 | .434   | .066  | .182  | -1.678 |
| 15 | 1842 | .405   | .087  | .151  | .853  | 15 | 2118 | .098   | .302  | .666  | .084  | 15 | 2238 | .443   | .064  | .250  | -1.675 |
| 15 | 1843 | .173   | .052  | .016  | .347  | 15 | 2119 | .018   | .115  | .411  | .665  | 15 | 2239 | .454   | .067  | .152  | -1.602 |
| 15 | 1844 | .220   | .067  | .592  | .069  | 15 | 2120 | .006   | .091  | .385  | .369  | 15 | 2240 | .396   | .068  | .166  | -1.642 |
| 15 | 1845 | .302   | .096  | .061  | .761  | 15 | 2121 | .400   | .096  | .142  | .752  | 15 | 2241 | .443   | .065  | .247  | -1.698 |
| 15 | 1846 | .356   | .067  | .127  | .761  | 15 | 2122 | .029   | .242  | .670  | .968  | 15 | 2242 | .438   | .067  | .128  | -1.677 |
| 15 | 1847 | .182   | .062  | .098  | .393  | 15 | 2123 | .004   | .090  | .389  | .411  | 15 | 2301 | .561   | .104  | .130  | -1.002 |
| 15 | 1848 | .194   | .067  | .511  | .125  | 15 | 2124 | .026   | .082  | .351  | .344  | 15 | 2302 | .553   | .114  | .079  | -1.103 |
| 15 | 1849 | .185   | .060  | .002  | .399  | 15 | 2125 | .453   | .082  | .175  | .734  | 15 | 2303 | .572   | .144  | .191  | -1.468 |
| 15 | 1850 | .219   | .056  | .026  | .483  | 15 | 2126 | .118   | .188  | .742  | .901  | 15 | 2304 | .547   | .123  | .174  | -1.267 |
| 15 | 1851 | .165   | .053  | .032  | .405  | 15 | 2127 | .073   | .110  | .574  | .351  | 15 | 2305 | .715   | .165  | .287  | -1.427 |
| 15 | 1852 | .171   | .065  | .040  | .535  | 15 | 2128 | .261   | .136  | .404  | .775  | 15 | 2306 | .574   | .116  | .269  | -1.144 |
| 15 | 1853 | .185   | .074  | .133  | .633  | 15 | 2129 | .366   | .080  | .009  | .682  | 15 | 2307 | .556   | .116  | .271  | -1.173 |
| 15 | 1854 | .238   | .078  | .015  | .822  | 15 | 2130 | .204   | .114  | .767  | .132  | 15 | 2308 | .550   | .095  | .271  | -1.986 |
| 15 | 1855 | .268   | .076  | .015  | .822  | 15 | 2201 | .667   | .104  | .396  | .633  | 15 | 2309 | .541   | .115  | .277  | -1.084 |
| 15 | 1856 | .266   | .057  | .090  | .585  | 15 | 2202 | .633   | .104  | .371  | .162  | 15 | 2310 | .548   | .109  | .185  | -1.082 |
| 15 | 1857 | .315   | .066  | .000  | .555  | 15 | 2203 | .599   | .105  | .323  | .067  | 15 | 2311 | .499   | .089  | .216  | -1.947 |
| 15 | 1858 | .210   | .118  | .226  | .655  | 15 | 2204 | .606   | .115  | .215  | .162  | 15 | 2312 | .476   | .087  | .235  | -1.939 |
| 15 | 1859 | .000   | .000  | .000  | .000  | 15 | 2205 | .607   | .122  | .228  | .185  | 15 | 2313 | .508   | .096  | .224  | -1.056 |
| 15 | 1860 | .094   | .141  | .495  | .538  | 15 | 2206 | .554   | .112  | .184  | .098  | 15 | 2314 | .545   | .122  | .168  | -1.245 |
|    |      |        |       |       |       | 15 | 2207 | .563   | .091  | .341  | .076  | 15 | 2315 | .492   | .097  | .189  | -1.935 |

## APPENDIX A -- PRESSURE DATA:

ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX  | CPMIN |
|----|------|--------|-------|--------|-------|
| 15 | 2316 | -.094  | -.240 | -.880  |       |
| 15 | 2317 | -.104  | -.272 | -.1056 |       |
| 15 | 2318 | -.108  | -.200 | -.101  |       |
| 15 | 2319 | -.094  | -.211 | -.001  |       |
| 15 | 2320 | -.086  | -.238 | -.908  |       |
| 15 | 2321 | -.095  | -.217 | -.015  |       |
| 15 | 2322 | -.079  | -.221 | -.861  |       |
| 15 | 2323 | -.078  | -.218 | -.911  |       |
| 15 | 2324 | -.070  | -.155 | -.768  |       |
| 15 | 2325 | -.081  | -.159 | -.841  |       |
| 15 | 2326 | -.091  | -.183 | -.933  |       |
| 15 | 2327 | -.081  | -.216 | -.821  |       |
| 15 | 2328 | -.072  | -.093 | -.663  |       |
| 15 | 2329 | -.077  | -.198 | -.783  |       |
| 15 | 2330 | -.067  | -.173 | -.740  |       |
| 15 | 2331 | -.069  | -.179 | -.850  |       |
| 15 | 2332 | -.078  | -.145 | -.777  |       |
| 15 | 2401 | -.120  | -.258 | -.1239 |       |
| 15 | 2402 | -.113  | -.216 | -.212  |       |
| 15 | 2403 | -.109  | -.266 | -.160  |       |
| 15 | 2404 | -.107  | -.238 | -.086  |       |
| 15 | 2405 | -.110  | -.241 | -.277  |       |
| 15 | 2406 | -.115  | -.288 | -.147  |       |
| 15 | 2407 | -.127  | -.216 | -.221  |       |
| 15 | 2408 | -.087  | -.214 | -.863  |       |
| 15 | 2409 | -.123  | -.265 | -.282  |       |
| 15 | 2410 | -.104  | -.228 | -.971  |       |
| 15 | 2411 | -.111  | -.208 | -.102  |       |
| 15 | 2412 | -.113  | -.166 | -.127  |       |
| 15 | 2413 | -.127  | -.193 | -.145  |       |
| 15 | 2414 | -.147  | -.231 | -.1479 |       |
| 15 | 2415 | -.118  | -.259 | -.231  |       |
| 15 | 2416 | -.120  | -.223 | -.124  |       |
| 15 | 2417 | -.128  | -.217 | -.265  |       |
| 15 | 2418 | -.130  | -.173 | -.173  |       |
| 15 | 2419 | -.139  | -.225 | -.490  |       |
| 15 | 2420 | -.117  | -.183 | -.153  |       |
| 15 | 2421 | -.120  | -.270 | -.321  |       |
| 15 | 2422 | -.118  | -.202 | -.180  |       |
| 15 | 2423 | -.119  | -.208 | -.093  |       |
| 15 | 2424 | -.155  | -.164 | -.721  |       |
| 15 | 2425 | -.115  | -.202 | -.227  |       |
| 15 | 2426 | -.114  | -.195 | -.277  |       |
| 15 | 2427 | -.112  | -.237 | -.032  |       |
| 15 | 2428 | -.112  | -.233 | -.374  |       |
| 15 | 2429 | -.127  | -.176 | -.374  |       |
| 15 | 2430 | -.122  | -.238 | -.147  |       |
| 15 | 2431 | -.106  | -.148 | -.139  |       |
| 15 | 2432 | -.098  | -.171 | -.150  |       |
| 15 | 2433 | -.104  | -.219 | -.205  |       |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 15 | 2434 | -.469  | .105  | -.113 | -.1029 |
| 15 | 2435 | -.507  | .113  | -.196 | -.1061 |
| 15 | 2501 | -.546  | .105  | -.233 | -.1027 |
| 15 | 2502 | -.524  | .132  | -.129 | -.1011 |
| 15 | 2503 | -.670  | .155  | -.075 | -.1108 |
| 15 | 2504 | -.721  | .107  | -.359 | -.1086 |
| 15 | 2505 | -.759  | .096  | -.453 | -.1105 |
| 15 | 2506 | -.802  | .133  | -.429 | -.1339 |
| 15 | 2507 | -.1050 | .261  | -.528 | -.2016 |
| 15 | 2508 | -.555  | .165  | -.086 | -.1245 |
| 15 | 2509 | -.967  | .198  | -.555 | -.1954 |
| 15 | 2510 | -.562  | .117  | -.455 | -.1982 |
| 15 | 2511 | -.950  | .227  | -.416 | -.1955 |
| 15 | 2512 | -.619  | .148  | -.243 | -.1202 |
| 15 | 2513 | -.765  | .194  | -.234 | -.1362 |
| 15 | 2514 | -.845  | .207  | -.337 | -.1534 |
| 15 | 2515 | -.864  | .231  | -.324 | -.1857 |
| 15 | 2516 | -.581  | .156  | -.137 | -.1276 |
| 15 | 2517 | -.711  | .209  | -.115 | -.1439 |
| 15 | 2518 | -.826  | .215  | -.283 | -.1606 |
| 15 | 2519 | -.859  | .237  | -.279 | -.1770 |
| 15 | 2520 | -.531  | .142  | -.175 | -.1283 |
| 15 | 2521 | -.630  | .206  | -.055 | -.1387 |
| 15 | 2522 | -.810  | .210  | -.278 | -.1624 |
| 15 | 2523 | -.896  | .229  | -.361 | -.1879 |
| 15 | 2524 | -.520  | .135  | -.210 | -.1078 |
| 15 | 2525 | -.581  | .201  | -.112 | -.1242 |
| 15 | 2526 | -.737  | .196  | -.250 | -.1487 |
| 15 | 2527 | -.864  | .220  | -.381 | -.1710 |
| 15 | 2528 | -.458  | .104  | -.200 | -.1899 |
| 15 | 2529 | -.856  | .243  | -.326 | -.1967 |
| 15 | 2530 | -.423  | .093  | -.131 | -.1902 |
| 15 | 2531 | -.307  | .087  | -.075 | -.1774 |
| 15 | 2532 | -.699  | .135  | -.339 | -.1304 |
| 15 | 2601 | -.254  | .084  | -.025 | -.1543 |
| 15 | 2602 | -.084  | .092  | -.211 | -.1426 |
| 15 | 2603 | -.022  | .097  | -.296 | -.1403 |
| 15 | 2604 | -.009  | .104  | -.296 | -.1435 |
| 15 | 2605 | -.051  | .120  | -.396 | -.1381 |
| 15 | 2606 | -.256  | .147  | -.731 | -.206  |
| 15 | 2607 | -.207  | .100  | -.124 | -.1533 |
| 15 | 2608 | -.578  | .173  | 1.058 | -.084  |
| 15 | 2609 | -.228  | .109  | -.142 | -.1540 |
| 15 | 2610 | -.171  | .113  | -.597 | -.188  |
| 15 | 2611 | -.463  | .142  | -.886 | -.012  |
| 15 | 2612 | -.556  | .157  | 1.028 | -.063  |
| 15 | 2613 | -.603  | .167  | 1.061 | -.050  |
| 15 | 2614 | -.261  | .104  | -.082 | -.1622 |
| 15 | 2615 | -.118  | .110  | -.485 | -.187  |
| 15 | 2616 | -.265  | .127  | -.706 | -.078  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 15 | 2617 | -.470  | .153  | -.153 | -.951 |
| 15 | 2618 | -.520  | .159  | 1.001 | -.102 |
| 15 | 2619 | -.293  | .102  | -.095 | -.620 |
| 15 | 2620 | -.050  | .101  | -.418 | -.268 |
| 15 | 2621 | -.300  | .122  | -.769 | -.025 |
| 15 | 2622 | -.387  | .145  | -.902 | -.042 |
| 15 | 2623 | -.439  | .159  | -.968 | -.095 |
| 15 | 2624 | -.336  | .085  | -.000 | -.724 |
| 15 | 2625 | -.023  | .081  | -.304 | -.249 |
| 15 | 2626 | -.094  | .085  | -.476 | -.112 |
| 15 | 2627 | -.243  | .108  | -.709 | -.085 |
| 15 | 2628 | -.279  | .123  | -.802 | -.223 |
| 15 | 2629 | -.322  | .076  | -.002 | -.630 |
| 15 | 2630 | -.138  | .116  | -.560 | -.258 |
| 15 | 2631 | -.017  | .071  | -.309 | -.187 |
| 15 | 2632 | -.002  | .085  | -.415 | -.192 |
| 15 | 2633 | -.127  | .089  | -.463 | -.095 |
| 15 | 2634 | -.154  | .099  | -.478 | -.166 |
| 15 | 2635 | -.173  | .107  | -.582 | -.207 |
| 15 | 2701 | -.427  | .062  | -.725 | -.266 |
| 15 | 2702 | -.384  | .070  | -.035 | -.640 |
| 15 | 2703 | -.394  | .058  | -.231 | -.741 |
| 15 | 2704 | -.114  | .098  | -.292 | -.529 |
| 15 | 2705 | -.220  | .112  | -.668 | -.138 |
| 15 | 2706 | -.358  | .092  | -.020 | -.755 |
| 15 | 2707 | -.460  | .113  | -.127 | -.045 |
| 15 | 2708 | -.261  | .092  | -.038 | -.759 |
| 15 | 2709 | -.231  | .114  | -.193 | -.676 |
| 15 | 2710 | -.281  | .116  | -.053 | -.860 |
| 15 | 2711 | -.278  | .077  | -.595 | -.033 |
| 15 | 2712 | -.315  | .123  | -.102 | -.130 |
| 15 | 2713 | -.444  | .086  | -.152 | -.825 |
| 15 | 2714 | -.276  | .089  | -.015 | -.732 |
| 15 | 2715 | -.017  | .129  | -.346 | -.550 |
| 15 | 2716 | -.238  | .084  | -.022 | -.722 |
| 15 | 2717 | -.954  | .270  | -.062 | -.899 |
| 15 | 2718 | -.989  | .237  | -.140 | -.068 |
| 15 | 2719 | 1.005  | .219  | -.318 | -.868 |
| 15 | 2720 | -.579  | .098  | -.961 | -.316 |
| 15 | 2721 | -.403  | .078  | -.169 | -.822 |
| 15 | 2722 | -.413  | .085  | -.147 | -.924 |
| 15 | 2723 | -.288  | .110  | -.053 | -.763 |
| 15 | 2724 | -.070  | .178  | -.904 | -.487 |
| 15 | 2725 | -.037  | .159  | -.663 | -.559 |
| 15 | 2801 | -.226  | .141  | -.728 | -.109 |
| 15 | 2802 | -.210  | .141  | -.796 | -.127 |
| 15 | 2803 | -.077  | .121  | -.371 | -.602 |
| 15 | 2804 | -.063  | .110  | -.457 | -.338 |
| 15 | 2805 | -.256  | .089  | -.251 | -.500 |
| 15 | 2806 | -.647  | .160  | -.221 | -.271 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 15 | 2807 | .350   | .087  | .688  | .033  |
| 15 | 2808 | .211   | .078  | .186  | .551  |
| 15 | 2809 | .127   | .085  | .231  | .518  |
| 15 | 2810 | .020   | .123  | .534  | .531  |
| 15 | 2811 | .165   | .101  | .098  | .728  |
| 15 | 2812 | .060   | .104  | .712  | .174  |
| 15 | 2813 | .303   | .087  | .119  | .637  |
| 15 | 2814 | .658   | .175  | .132  | .439  |
| 15 | 2815 | .323   | .080  | .605  | .008  |
| 15 | 2816 | .205   | .072  | .082  | .732  |
| 15 | 2817 | .131   | .089  | .150  | .764  |
| 15 | 2818 | .035   | .110  | .450  | .404  |
| 15 | 2819 | .169   | .095  | .063  | .690  |
| 15 | 2820 | .081   | .090  | .531  | .109  |
| 15 | 2821 | .375   | .094  | .048  | .705  |
| 15 | 2822 | .653   | .186  | .627  | .158  |
| 15 | 2823 | .298   | .088  | .641  | .582  |
| 15 | 2824 | .226   | .079  | .592  | .128  |
| 15 | 2825 | .124   | .072  | .221  | .417  |
| 15 | 2826 | .048   | .103  | .383  | .360  |
| 15 | 2827 | .128   | .073  | .514  | .069  |
| 15 | 2828 | .044   | .071  | .173  | .346  |
| 15 | 2829 | .273   | .081  | .134  | .551  |
| 15 | 2830 | .548   | .099  | .272  | .564  |
| 15 | 2831 | .290   | .086  | .036  | .539  |
| 15 | 2832 | .237   | .074  | .633  | .055  |
| 15 | 2833 | .147   | .069  | .139  | .422  |
| 15 | 2834 | .126   | .068  | .294  | .368  |
| 15 | 2835 | .131   | .074  | .630  | .020  |
| 15 | 2836 | .353   | .082  | .720  | .123  |
| 15 | 2837 | .163   | .056  | .069  | .389  |
| 15 | 2838 | .112   | .077  | .269  | .462  |
| 15 | 2839 | .111   | .062  | .586  | .109  |
| 15 | 2840 | .115   | .117  | .650  | .356  |
| 15 | 2841 | .227   | .077  | .045  | .561  |
| 15 | 2842 | .230   | .079  | .036  | .553  |
| 15 | 2843 | .127   | .059  | .404  | .066  |
| 15 | 2844 | .189   | .065  | .399  | .095  |
| 15 | 2845 | .246   | .078  | .042  | .511  |
| 15 | 2846 | .154   | .068  | .069  | .353  |
| 15 | 2847 | .139   | .078  | .569  | .107  |
| 15 | 2848 | .159   | .076  | .153  | .439  |
| 15 | 2849 | .133   | .069  | .444  | .114  |
| 15 | 2850 | .075   | .087  | .561  | .124  |
| 15 | 2851 | .086   | .066  | .231  | .300  |
| 15 | 2852 | .220   | .057  | .074  | .658  |
| 15 | 2853 | .210   | .056  | .005  | .413  |
| 15 | 2854 | .165   | .055  | .086  | .375  |
| 15 | 2855 | .112   | .048  | .090  | .278  |

| WD | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 15 | 2856 | .091   | .049  | .083  | .261  |
| 15 | 2857 | .301   | .126  | .041  | .162  |
| 15 | 2858 | .265   | .083  | .017  | .785  |
| 15 | 2859 | .299   | .124  | .024  | .573  |
| 15 | 2860 | .294   | .144  | .024  | .304  |
| 15 | 2861 | .309   | .110  | .077  | .078  |
| 15 | 2862 | .309   | .056  | .129  | .542  |
| 15 | 2863 | .314   | .156  | .080  | .009  |
| 15 | 2864 | .288   | .056  | .059  | .513  |
| 15 | 2865 | .240   | .053  | .053  | .555  |
| 15 | 2866 | .304   | .049  | .131  | .542  |
| 15 | 2867 | .112   | .089  | .377  | .408  |
| 15 | 2868 | .242   | .053  | .045  | .504  |
| 15 | 2869 | .228   | .048  | .067  | .456  |
| 15 | 2870 | .203   | .060  | .062  | .465  |
| 15 | 2871 | .277   | .050  | .104  | .509  |
| 15 | 2872 | .306   | .053  | .152  | .530  |
| 15 | 2873 | .320   | .052  | .170  | .540  |
| 30 | 101  | .352   | .086  | .045  | .802  |
| 30 | 102  | .388   | .186  | .076  | .231  |
| 30 | 103  | .449   | .266  | .017  | .536  |
| 30 | 104  | .463   | .260  | .214  | .590  |
| 30 | 105  | .277   | .113  | .072  | .749  |
| 30 | 106  | .230   | .098  | .088  | .695  |
| 30 | 107  | .198   | .065  | .039  | .479  |
| 30 | 108  | .166   | .065  | .032  | .462  |
| 30 | 109  | .261   | .093  | .177  | .543  |
| 30 | 110  | .236   | .093  | .012  | .739  |
| 30 | 111  | .260   | .071  | .002  | .678  |
| 30 | 112  | .322   | .125  | .044  | .052  |
| 30 | 201  | .652   | .117  | .325  | .206  |
| 30 | 202  | .471   | .085  | .234  | .834  |
| 30 | 203  | .380   | .075  | .137  | .745  |
| 30 | 204  | .426   | .087  | .144  | .869  |
| 30 | 205  | .537   | .099  | .181  | .907  |
| 30 | 206  | .637   | .112  | .249  | .172  |
| 30 | 207  | .868   | .109  | .499  | .326  |
| 30 | 208  | .846   | .097  | .489  | .209  |
| 30 | 209  | .879   | .109  | .547  | .225  |
| 30 | 210  | .846   | .109  | .488  | .295  |
| 30 | 211  | .706   | .100  | .345  | .048  |
| 30 | 212  | .502   | .091  | .161  | .028  |
| 30 | 1101 | .319   | .065  | .090  | .651  |
| 30 | 1102 | .314   | .065  | .076  | .594  |
| 30 | 1103 | .325   | .064  | .138  | .598  |
| 30 | 1104 | .323   | .065  | .159  | .656  |
| 30 | 1105 | .335   | .077  | .132  | .651  |
| 30 | 1106 | .307   | .058  | .115  | .539  |
| 30 | 1107 | .323   | .061  | .169  | .763  |
| 30 | 1108 | .316   | .057  | .139  | .620  |

| WD | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 30 | 1109 | .289   | .051  | .132  | .531  |
| 30 | 1110 | .317   | .059  | .129  | .714  |
| 30 | 1111 | .318   | .048  | .171  | .612  |
| 30 | 1112 | .297   | .042  | .134  | .525  |
| 30 | 1113 | .285   | .040  | .153  | .526  |
| 30 | 1114 | .339   | .056  | .195  | .619  |
| 30 | 1115 | .334   | .043  | .208  | .555  |
| 30 | 1116 | .310   | .040  | .187  | .486  |
| 30 | 1117 | .294   | .041  | .144  | .677  |
| 30 | 1118 | .378   | .064  | .183  | .729  |
| 30 | 1119 | .385   | .056  | .183  | .712  |
| 30 | 1120 | .365   | .053  | .182  | .668  |
| 30 | 1121 | .376   | .056  | .205  | .624  |
| 30 | 1122 | .371   | .085  | .098  | .692  |
| 30 | 1123 | .395   | .085  | .109  | .701  |
| 30 | 1124 | .467   | .089  | .123  | .871  |
| 30 | 1125 | .591   | .158  | .300  | .377  |
| 30 | 1126 | .289   | .067  | .068  | .541  |
| 30 | 1127 | .286   | .061  | .081  | .509  |
| 30 | 1128 | .336   | .060  | .083  | .532  |
| 30 | 1129 | .507   | .114  | .208  | .929  |
| 30 | 1130 | .248   | .071  | .059  | .519  |
| 30 | 1201 | .211   | .047  | .046  | .386  |
| 30 | 1202 | .137   | .061  | .088  | .476  |
| 30 | 1203 | .113   | .062  | .172  | .404  |
| 30 | 1204 | .125   | .073  | .215  | .480  |
| 30 | 1205 | .124   | .087  | .203  | .448  |
| 30 | 1206 | .059   | .113  | .328  | .559  |
| 30 | 1207 | .189   | .042  | .029  | .380  |
| 30 | 1208 | .089   | .163  | .587  | .661  |
| 30 | 1209 | .232   | .037  | .093  | .455  |
| 30 | 1210 | .110   | .046  | .090  | .345  |
| 30 | 1211 | .044   | .077  | .273  | .321  |
| 30 | 1212 | .100   | .106  | .466  | .378  |
| 30 | 1213 | .124   | .157  | .687  | .494  |
| 30 | 1214 | .238   | .036  | .085  | .372  |
| 30 | 1215 | .127   | .041  | .060  | .323  |
| 30 | 1216 | .070   | .052  | .151  | .300  |
| 30 | 1217 | .055   | .087  | .355  | .323  |
| 30 | 1218 | .054   | .155  | .559  | .457  |
| 30 | 1219 | .274   | .043  | .129  | .467  |
| 30 | 1220 | .193   | .045  | .010  | .368  |
| 30 | 1221 | .108   | .061  | .132  | .313  |
| 30 | 1222 | .048   | .073  | .202  | .282  |
| 30 | 1223 | .215   | .174  | .266  | .885  |
| 30 | 1224 | .301   | .058  | .110  | .517  |
| 30 | 1225 | .187   | .065  | .061  | .443  |
| 30 | 1226 | .194   | .074  | .058  | .586  |
| 30 | 1227 | .155   | .077  | .249  | .481  |
| 30 | 1228 | .336   | .164  | .300  | .914  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|--------|
| 30 | 1229 | -.130  | .094  | .198  | -.462  | 30 | 1405 | -.232  | .120  | .258  | -.901  | 30 | 1520 | -.377  | .109  | -.086 | -.942  |
| 30 | 1230 | -.051  | .140  | .401  | -.785  | 30 | 1406 | -.307  | .111  | .129  | -.925  | 30 | 1521 | -.333  | .093  | -.067 | -.768  |
| 30 | 1231 | -.215  | .148  | .244  | -.1295 | 30 | 1407 | -.600  | .270  | .405  | -.1657 | 30 | 1522 | -.343  | .097  | -.038 | -.816  |
| 30 | 1232 | -.322  | .158  | .066  | -1.426 | 30 | 1408 | -.270  | .067  | .036  | -.516  | 30 | 1523 | -.336  | .093  | -.063 | -.826  |
| 30 | 1233 | -.242  | .107  | .147  | -.597  | 30 | 1409 | -.484  | .150  | -.075 | -1.282 | 30 | 1524 | -.347  | .123  | -.056 | -.876  |
| 30 | 1234 | -.119  | .106  | .365  | -.571  | 30 | 1410 | -.516  | .169  | -.066 | -1.381 | 30 | 1525 | -.338  | .118  | -.071 | -.757  |
| 30 | 1235 | -.218  | .196  | 1.062 | -.333  | 30 | 1411 | -.400  | .162  | -.112 | -1.308 | 30 | 1526 | -.344  | .126  | -.056 | -.939  |
| 30 | 1236 | -.033  | .171  | .676  | -.412  | 30 | 1412 | -.313  | .128  | .133  | -.964  | 30 | 1527 | -.342  | .122  | -.031 | -.819  |
| 30 | 1237 | -.378  | .180  | .131  | -1.402 | 30 | 1413 | -.307  | .088  | .041  | -.753  | 30 | 1528 | -.334  | .134  | -.032 | -.926  |
| 30 | 1238 | -.250  | .145  | .205  | -1.116 | 30 | 1414 | -.483  | .157  | -.037 | -1.239 | 30 | 1529 | -.244  | .087  | -.000 | -.755  |
| 30 | 1239 | -.154  | .112  | .254  | -.546  | 30 | 1415 | -.515  | .182  | .022  | -1.723 | 30 | 1530 | -.318  | .115  | -.051 | -.883  |
| 30 | 1240 | -.189  | .191  | .966  | -.327  | 30 | 1416 | -.497  | .192  | .176  | -1.658 | 30 | 1531 | -.146  | .066  | .014  | -.418  |
| 30 | 1241 | -.250  | .101  | .148  | -.516  | 30 | 1417 | -.398  | .171  | .099  | -1.376 | 30 | 1532 | -.207  | .075  | .065  | -.561  |
| 30 | 1242 | -.188  | .102  | .145  | -.585  | 30 | 1418 | -.349  | .135  | .115  | -1.000 | 30 | 1601 | -.374  | .097  | -.127 | -1.016 |
| 30 | 1301 | -.201  | .219  | .869  | -.548  | 30 | 1419 | -.624  | .163  | -.075 | -1.366 | 30 | 1602 | -.366  | .083  | -.122 | -.696  |
| 30 | 1302 | -.151  | .234  | .927  | -.620  | 30 | 1420 | -.626  | .195  | .005  | -1.554 | 30 | 1603 | -.331  | .073  | -.127 | -.610  |
| 30 | 1303 | -.017  | .232  | .713  | -.813  | 30 | 1421 | -.441  | .204  | .205  | -1.393 | 30 | 1604 | -.312  | .065  | -.140 | -.831  |
| 30 | 1304 | -.031  | .211  | .658  | -.684  | 30 | 1422 | -.344  | .161  | .051  | -1.047 | 30 | 1605 | -.288  | .059  | -.100 | -.609  |
| 30 | 1305 | -.393  | .329  | .592  | -1.410 | 30 | 1423 | -.320  | .104  | -.017 | -.852  | 30 | 1606 | -.201  | .050  | -.029 | -.431  |
| 30 | 1306 | -.232  | .271  | .922  | -.468  | 30 | 1424 | -.663  | .227  | -.017 | -2.279 | 30 | 1607 | -.406  | .102  | -.116 | -.927  |
| 30 | 1307 | -.064  | .241  | .767  | -.672  | 30 | 1425 | -.425  | .210  | .019  | -1.644 | 30 | 1608 | -.309  | .050  | -.160 | -.541  |
| 30 | 1308 | -.285  | .232  | .947  | -.465  | 30 | 1426 | -.273  | .129  | .081  | -.927  | 30 | 1609 | -.361  | .083  | -.125 | -.737  |
| 30 | 1309 | -.035  | .200  | .611  | -.613  | 30 | 1427 | -.229  | .066  | -.005 | -.551  | 30 | 1610 | -.334  | .073  | -.120 | -.747  |
| 30 | 1310 | -.302  | .216  | .959  | -.522  | 30 | 1428 | -.253  | .074  | -.022 | -.520  | 30 | 1611 | -.306  | .052  | -.143 | -.538  |
| 30 | 1311 | -.304  | .240  | 1.160 | -.408  | 30 | 1429 | -.336  | .110  | -.060 | -.896  | 30 | 1612 | -.306  | .046  | -.142 | -.484  |
| 30 | 1312 | -.223  | .172  | 1.031 | -.400  | 30 | 1430 | -.220  | .074  | -.029 | -.512  | 30 | 1613 | -.297  | .043  | -.138 | -.504  |
| 30 | 1313 | -.099  | .172  | .565  | -.601  | 30 | 1431 | -.205  | .053  | -.017 | -.432  | 30 | 1614 | -.317  | .063  | -.107 | -.614  |
| 30 | 1314 | -.347  | .183  | 1.127 | -.442  | 30 | 1432 | -.176  | .046  | -.027 | -.345  | 30 | 1615 | -.301  | .051  | -.132 | -.576  |
| 30 | 1315 | -.401  | .221  | 1.121 | -.485  | 30 | 1433 | -.177  | .046  | -.036 | -.333  | 30 | 1616 | -.305  | .042  | -.178 | -.482  |
| 30 | 1316 | -.331  | .219  | 1.017 | -.410  | 30 | 1434 | -.196  | .053  | -.044 | -.390  | 30 | 1617 | -.294  | .037  | -.181 | -.507  |
| 30 | 1317 | -.032  | .183  | .698  | -.524  | 30 | 1435 | -.144  | .054  | -.058 | -.337  | 30 | 1618 | -.304  | .043  | -.151 | -.507  |
| 30 | 1318 | -.246  | .145  | .847  | -.344  | 30 | 1501 | -.529  | .154  | -.149 | -1.217 | 30 | 1619 | -.318  | .072  | -.098 | -.668  |
| 30 | 1319 | -.414  | .165  | .988  | -.294  | 30 | 1502 | -.463  | .120  | -.151 | -1.083 | 30 | 1620 | -.319  | .053  | -.142 | -.534  |
| 30 | 1320 | -.409  | .166  | .870  | -.292  | 30 | 1503 | -.423  | .092  | -.154 | -.837  | 30 | 1621 | -.307  | .047  | -.165 | -.482  |
| 30 | 1321 | -.166  | .150  | .683  | -.541  | 30 | 1504 | -.485  | .139  | -.063 | -1.068 | 30 | 1622 | -.327  | .053  | -.171 | -.683  |
| 30 | 1322 | -.079  | .129  | .690  | -.349  | 30 | 1505 | -.355  | .079  | -.078 | -.647  | 30 | 1623 | -.345  | .059  | -.136 | -.759  |
| 30 | 1323 | -.260  | .158  | .924  | -.116  | 30 | 1506 | -.454  | .132  | -.160 | -1.221 | 30 | 1624 | -.318  | .101  | -.059 | -.901  |
| 30 | 1324 | -.289  | .158  | .932  | -.099  | 30 | 1507 | -.414  | .116  | -.136 | -.996  | 30 | 1625 | -.294  | .080  | -.087 | -.692  |
| 30 | 1325 | -.167  | .142  | .678  | -.369  | 30 | 1508 | -.447  | .110  | -.155 | -.926  | 30 | 1626 | -.310  | .071  | -.107 | -.834  |
| 30 | 1326 | -.197  | .123  | .720  | -.217  | 30 | 1509 | -.393  | .097  | -.100 | -.915  | 30 | 1627 | -.362  | .094  | -.100 | -.781  |
| 30 | 1327 | -.274  | .137  | .740  | -.194  | 30 | 1510 | -.517  | .130  | -.169 | -1.036 | 30 | 1628 | -.373  | .118  | -.090 | -1.048 |
| 30 | 1328 | -.191  | .151  | .730  | -.161  | 30 | 1511 | -.367  | .089  | -.094 | -.808  | 30 | 1629 | -.209  | .089  | -.045 | -.612  |
| 30 | 1329 | -.106  | .141  | .794  | -.321  | 30 | 1512 | -.397  | .116  | -.072 | -.931  | 30 | 1630 | -.285  | .093  | -.022 | -.632  |
| 30 | 1330 | -.045  | .095  | .581  | -.195  | 30 | 1513 | -.336  | .081  | -.107 | -.790  | 30 | 1631 | -.187  | .087  | -.089 | -.697  |
| 30 | 1331 | -.023  | .106  | .590  | -.386  | 30 | 1514 | -.308  | .078  | -.051 | -.818  | 30 | 1632 | -.197  | .090  | -.027 | -.762  |
| 30 | 1332 | -.102  | .050  | .125  | -.296  | 30 | 1515 | -.333  | .067  | -.123 | -.726  | 30 | 1633 | -.222  | .083  | -.033 | -.571  |
| 30 | 1401 | -.642  | .359  | .314  | -2.168 | 30 | 1516 | -.354  | .100  | -.043 | -.883  | 30 | 1634 | -.258  | .090  | -.056 | -.758  |
| 30 | 1402 | -.415  | .273  | .229  | -2.101 | 30 | 1517 | -.308  | .077  | -.020 | -.755  | 30 | 1635 | -.252  | .079  | -.016 | -.509  |
| 30 | 1403 | -.296  | .192  | .206  | -1.521 | 30 | 1518 | -.304  | .075  | -.096 | -.756  | 30 | 1701 | -.129  | .094  | -.401 | -.183  |
| 30 | 1404 | -.230  | .143  | .248  | -1.166 | 30 | 1519 | -.301  | .066  | -.087 | -.632  | 30 | 1702 | -.306  | .062  | -.117 | -.552  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 30 | 1703 | -.254  | .076  | .071  | -.508  |
| 30 | 1704 | -.309  | .162  | .141  | -1.405 |
| 30 | 1705 | -.255  | .105  | .714  | -.067  |
| 30 | 1706 | -.261  | .089  | .136  | -.757  |
| 30 | 1707 | -.275  | .094  | .033  | -.678  |
| 30 | 1708 | -.371  | .113  | -.019 | -1.096 |
| 30 | 1709 | -.404  | .092  | .143  | -.943  |
| 30 | 1710 | -.401  | .081  | .163  | -.768  |
| 30 | 1711 | -.301  | .135  | .888  | -.114  |
| 30 | 1712 | -.118  | .075  | .126  | -.432  |
| 30 | 1713 | -.268  | .079  | -.005 | -.765  |
| 30 | 1714 | -.314  | .080  | .084  | -.732  |
| 30 | 1715 | -.357  | .081  | 1.150 | -.100  |
| 30 | 1716 | -.486  | .121  | -.072 | -.982  |
| 30 | 1717 | -.008  | .102  | .337  | -.333  |
| 30 | 1718 | -.070  | .101  | .295  | -.449  |
| 30 | 1719 | -.043  | .112  | .340  | -.483  |
| 30 | 1720 | -.023  | .096  | .369  | -.343  |
| 30 | 1721 | -.162  | .068  | .271  | -.402  |
| 30 | 1722 | -.172  | .065  | .187  | -.513  |
| 30 | 1723 | -.256  | .079  | .059  | -.814  |
| 30 | 1724 | -.258  | .063  | .619  | -.202  |
| 30 | 1725 | -.256  | .062  | .187  | -.727  |
| 30 | 1801 | -.278  | .056  | -.094 | -.522  |
| 30 | 1802 | -.275  | .060  | .091  | -.514  |
| 30 | 1803 | -.321  | .129  | .540  | -.079  |
| 30 | 1804 | -.321  | .096  | .068  | -1.195 |
| 30 | 1805 | -.255  | .081  | .094  | -.907  |
| 30 | 1806 | -.242  | .077  | .028  | -.718  |
| 30 | 1807 | -.301  | .074  | .791  | -.046  |
| 30 | 1808 | -.361  | .069  | -.005 | -.762  |
| 30 | 1809 | -.345  | .061  | .156  | -.784  |
| 30 | 1810 | -.286  | .063  | .152  | -.732  |
| 30 | 1811 | -.315  | .077  | .513  | -.060  |
| 30 | 1812 | -.322  | .094  | .042  | -.659  |
| 30 | 1813 | -.244  | .069  | .094  | -.841  |
| 30 | 1814 | -.230  | .080  | .012  | -.556  |
| 30 | 1815 | -.286  | .086  | .631  | -.044  |
| 30 | 1816 | -.351  | .085  | .023  | -.846  |
| 30 | 1817 | -.352  | .073  | .073  | -.898  |
| 30 | 1818 | -.284  | .057  | .159  | -.708  |
| 30 | 1819 | -.260  | .062  | .478  | -.060  |
| 30 | 1820 | -.315  | .099  | -.028 | -.535  |
| 30 | 1821 | -.247  | .071  | .069  | -.747  |
| 30 | 1822 | -.217  | .076  | .520  | -.005  |
| 30 | 1823 | -.255  | .079  | .028  | -.579  |
| 30 | 1824 | -.355  | .080  | .619  | -.086  |
| 30 | 1825 | -.355  | .073  | .035  | -.778  |
| 30 | 1826 | -.277  | .061  | .165  | -.697  |
| 30 | 1827 | -.277  | .061  | .082  | -.530  |

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 30 | 1828 | -.245  | .060  | .471  | -.002 |
| 30 | 1829 | -.293  | .079  | -.079 | -.601 |
| 30 | 1830 | -.245  | .063  | -.050 | -.496 |
| 30 | 1831 | -.243  | .071  | .040  | -.535 |
| 30 | 1832 | -.250  | .081  | .615  | -.007 |
| 30 | 1833 | -.269  | .082  | -.007 | -.692 |
| 30 | 1834 | -.261  | .083  | -.170 | -.817 |
| 30 | 1835 | -.292  | .065  | -.075 | -.596 |
| 30 | 1836 | -.253  | .068  | .543  | -.039 |
| 30 | 1837 | -.192  | .060  | -.007 | -.532 |
| 30 | 1838 | -.263  | .083  | .158  | -.843 |
| 30 | 1839 | -.242  | .054  | .075  | -.448 |
| 30 | 1840 | -.250  | .064  | .610  | -.079 |
| 30 | 1841 | -.237  | .074  | .016  | -.624 |
| 30 | 1842 | -.219  | .062  | -.083 | -.567 |
| 30 | 1843 | -.233  | .055  | .054  | -.455 |
| 30 | 1844 | -.230  | .054  | .464  | -.051 |
| 30 | 1845 | -.212  | .066  | .019  | -.619 |
| 30 | 1846 | -.222  | .053  | .113  | -.487 |
| 30 | 1847 | -.235  | .076  | .002  | -.497 |
| 30 | 1848 | -.274  | .069  | .638  | -.058 |
| 30 | 1849 | -.236  | .059  | .028  | -.582 |
| 30 | 1850 | -.217  | .053  | .035  | -.458 |
| 30 | 1851 | -.158  | .044  | .017  | -.335 |
| 30 | 1852 | -.147  | .045  | .037  | -.355 |
| 30 | 1853 | -.131  | .053  | .051  | -.399 |
| 30 | 1854 | -.155  | .054  | .083  | -.415 |
| 30 | 1855 | -.167  | .055  | .065  | -.399 |
| 30 | 1856 | -.196  | .043  | .034  | -.353 |
| 30 | 1857 | -.258  | .065  | .127  | -.487 |
| 30 | 1858 | -.182  | .097  | .227  | -.462 |
| 30 | 1859 | -.000  | .000  | .000  | -.000 |
| 30 | 1860 | -.068  | .114  | .433  | -.368 |
| 30 | 1861 | -.020  | .106  | .433  | -.364 |
| 30 | 1862 | -.039  | .143  | .574  | -.440 |
| 30 | 1863 | -.270  | .056  | .077  | -.557 |
| 30 | 1864 | -.204  | .068  | .166  | -.480 |
| 30 | 1865 | -.090  | .071  | .330  | -.330 |
| 30 | 1866 | -.134  | .077  | .200  | -.464 |
| 30 | 1867 | -.256  | .049  | -.103 | -.454 |
| 30 | 1868 | -.182  | .062  | .063  | -.499 |
| 30 | 1869 | -.070  | .060  | .230  | -.267 |
| 30 | 1870 | -.072  | .062  | .225  | -.259 |
| 30 | 1871 | -.058  | .065  | .244  | -.308 |
| 30 | 1872 | -.084  | .079  | .285  | -.392 |
| 30 | 1873 | -.023  | .116  | .433  | -.401 |
| 30 | 2101 | -.977  | .176  | -.326 | -.835 |
| 30 | 2102 | -.854  | .184  | -.293 | -.460 |
| 30 | 2103 | -.336  | .145  | -.067 | -.097 |

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 30 | 2104 | -.412  | .089  | .205  | -1.129 |
| 30 | 2105 | -.741  | .169  | -.170 | -1.277 |
| 30 | 2106 | -.914  | .216  | -.118 | -1.527 |
| 30 | 2107 | -.298  | .182  | -.112 | -1.051 |
| 30 | 2108 | -.927  | .166  | -.212 | -1.527 |
| 30 | 2109 | -.398  | .105  | -.094 | -.957  |
| 30 | 2110 | -.877  | .187  | -.031 | -1.742 |
| 30 | 2111 | -.830  | .297  | .050  | -1.711 |
| 30 | 2112 | -.532  | .340  | .190  | -1.423 |
| 30 | 2113 | -.447  | .167  | .028  | -1.228 |
| 30 | 2114 | -.803  | .248  | .176  | -1.727 |
| 30 | 2115 | -.678  | .366  | .117  | -1.642 |
| 30 | 2116 | -.448  | .344  | .200  | -1.421 |
| 30 | 2117 | -.396  | .142  | .148  | -1.312 |
| 30 | 2118 | -.669  | .299  | .217  | -2.474 |
| 30 | 2119 | -.441  | .320  | .089  | -1.714 |
| 30 | 2120 | -.239  | .217  | .149  | -1.341 |
| 30 | 2121 | -.426  | .104  | .069  | -1.017 |
| 30 | 2122 | -.503  | .371  | .351  | -1.861 |
| 30 | 2123 | -.176  | .199  | .147  | -1.729 |
| 30 | 2124 | -.147  | .114  | .150  | -.816  |
| 30 | 2125 | -.411  | .077  | .176  | -.726  |
| 30 | 2126 | -.124  | .254  | .512  | -1.271 |
| 30 | 2127 | -.058  | .163  | .323  | -.839  |
| 30 | 2128 | -.327  | .104  | .111  | -.718  |
| 30 | 2129 | -.390  | .108  | .057  | -.909  |
| 30 | 2130 | -.131  | .146  | .356  | -.353  |
| 30 | 2201 | -.605  | .096  | .320  | -.976  |
| 30 | 2202 | -.555  | .102  | .265  | -1.028 |
| 30 | 2203 | -.535  | .106  | .212  | -1.006 |
| 30 | 2204 | -.539  | .115  | .217  | -1.206 |
| 30 | 2205 | -.548  | .114  | .199  | -1.018 |
| 30 | 2206 | -.502  | .095  | .229  | -.906  |
| 30 | 2207 | -.565  | .113  | .283  | -1.112 |
| 30 | 2208 | -.487  | .085  | .193  | -.916  |
| 30 | 2209 | -.550  | .106  | .196  | -1.118 |
| 30 | 2210 | -.518  | .101  | .222  | -1.089 |
| 30 | 2211 | -.504  | .095  | .181  | -1.110 |
| 30 | 2212 | -.508  | .085  | .140  | -.937  |
| 30 | 2213 | -.545  | .091  | .214  | -.964  |
| 30 | 2214 | -.537  | .113  | .255  | -1.081 |
| 30 | 2215 | -.514  | .102  | .139  | -1.058 |
| 30 | 2216 | -.520  | .102  | .181  | -1.010 |
| 30 | 2217 | -.510  | .087  | .233  | -1.031 |
| 30 | 2218 | -.514  | .101  | .226  | -1.007 |
| 30 | 2219 | -.569  | .141  | .262  | -1.199 |
| 30 | 2220 | -.579  | .160  | .261  | -1.631 |
| 30 | 2221 | -.494  | .096  | .211  | -.978  |
| 30 | 2222 | -.435  | .076  | .200  | -.778  |
| 30 | 2223 | -.411  | .079  | .141  | -.756  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|-------|--------|-------|-------|--------|
| 30 | 22224 | .680   | .204  | .227  | -1.785 |
| 30 | 22225 | .444   | .095  | .144  | -1.904 |
| 30 | 22226 | .424   | .073  | .202  | -1.708 |
| 30 | 22227 | .402   | .062  | .193  | -1.674 |
| 30 | 22228 | .409   | .063  | .208  | -1.708 |
| 30 | 22229 | .365   | .075  | .109  | -1.631 |
| 30 | 22230 | .371   | .067  | .132  | -1.860 |
| 30 | 22231 | .373   | .074  | .090  | -1.887 |
| 30 | 22232 | .418   | .064  | .201  | -1.686 |
| 30 | 22233 | .439   | .061  | .233  | -1.676 |
| 30 | 22234 | .417   | .059  | .210  | -1.621 |
| 30 | 22235 | .329   | .087  | .005  | -1.628 |
| 30 | 22236 | .298   | .078  | .036  | -1.556 |
| 30 | 22237 | .409   | .084  | .110  | -1.717 |
| 30 | 22238 | .424   | .065  | .203  | -1.645 |
| 30 | 22239 | .428   | .062  | .139  | -1.688 |
| 30 | 22240 | .313   | .076  | .053  | -1.633 |
| 30 | 22241 | .408   | .066  | .195  | -1.653 |
| 30 | 22242 | .409   | .060  | .215  | -1.662 |
| 30 | 22201 | .548   | .104  | .207  | -1.114 |
| 30 | 22202 | .504   | .091  | .234  | -1.947 |
| 30 | 22203 | .524   | .095  | .229  | -1.936 |
| 30 | 22204 | .499   | .084  | .220  | -1.744 |
| 30 | 22205 | .482   | .093  | .228  | -1.744 |
| 30 | 22206 | .486   | .080  | .228  | -1.744 |
| 30 | 22207 | .493   | .075  | .228  | -1.744 |
| 30 | 22208 | .474   | .079  | .227  | -1.744 |
| 30 | 22209 | .507   | .077  | .270  | -1.744 |
| 30 | 22210 | .485   | .074  | .268  | -1.742 |
| 30 | 22211 | .455   | .066  | .268  | -1.702 |
| 30 | 22212 | .432   | .066  | .246  | -1.683 |
| 30 | 22213 | .461   | .068  | .182  | -1.847 |
| 30 | 22214 | .451   | .071  | .222  | -1.742 |
| 30 | 22215 | .418   | .056  | .244  | -1.639 |
| 30 | 22216 | .394   | .054  | .237  | -1.714 |
| 30 | 22217 | .419   | .060  | .175  | -1.669 |
| 30 | 22218 | .408   | .066  | .232  | -1.795 |
| 30 | 22219 | .398   | .054  | .239  | -1.992 |
| 30 | 22220 | .381   | .051  | .220  | -1.888 |
| 30 | 22221 | .408   | .054  | .248  | -1.718 |
| 30 | 22222 | .403   | .058  | .191  | -1.735 |
| 30 | 22223 | .393   | .049  | .246  | -1.735 |
| 30 | 22224 | .373   | .045  | .246  | -1.735 |
| 30 | 22225 | .418   | .056  | .275  | -1.643 |
| 30 | 22226 | .407   | .060  | .232  | -1.747 |
| 30 | 22227 | .398   | .053  | .234  | -1.666 |
| 30 | 22228 | .373   | .054  | .220  | -1.628 |
| 30 | 22229 | .421   | .059  | .251  | -1.839 |
| 30 | 22230 | .388   | .060  | .196  | -1.718 |
| 30 | 22231 | .406   | .064  | .239  | -1.722 |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 30 | 2332 | .339   | .054  | .167  | -1.571 |
| 30 | 2401 | .531   | .090  | .212  | -1.886 |
| 30 | 2402 | .510   | .089  | .220  | -1.896 |
| 30 | 2403 | .516   | .085  | .241  | -1.907 |
| 30 | 2404 | .503   | .085  | .234  | -1.937 |
| 30 | 2405 | .557   | .085  | .270  | -1.839 |
| 30 | 2406 | .549   | .086  | .256  | -1.853 |
| 30 | 2407 | .520   | .086  | .232  | -1.924 |
| 30 | 2408 | .437   | .059  | .239  | -1.669 |
| 30 | 2409 | .527   | .098  | .311  | -1.284 |
| 30 | 2410 | .477   | .076  | .239  | -1.058 |
| 30 | 2411 | .467   | .072  | .254  | -1.826 |
| 30 | 2412 | .448   | .070  | .258  | -1.784 |
| 30 | 2413 | .498   | .069  | .292  | -1.851 |
| 30 | 2414 | .465   | .102  | .256  | -1.290 |
| 30 | 2415 | .447   | .070  | .263  | -1.904 |
| 30 | 2416 | .423   | .068  | .248  | -1.896 |
| 30 | 2417 | .447   | .064  | .241  | -1.759 |
| 30 | 2418 | .425   | .063  | .225  | -1.725 |
| 30 | 2419 | .458   | .098  | .258  | -1.063 |
| 30 | 2420 | .425   | .073  | .251  | -1.870 |
| 30 | 2421 | .452   | .065  | .246  | -1.866 |
| 30 | 2422 | .426   | .060  | .263  | -1.722 |
| 30 | 2423 | .432   | .061  | .263  | -1.758 |
| 30 | 2424 | .449   | .085  | .174  | -1.889 |
| 30 | 2425 | .478   | .073  | .163  | -1.012 |
| 30 | 2426 | .461   | .073  | .147  | -1.790 |
| 30 | 2427 | .467   | .070  | .266  | -1.812 |
| 30 | 2428 | .456   | .069  | .256  | -1.733 |
| 30 | 2429 | .426   | .064  | .243  | -1.761 |
| 30 | 2430 | .468   | .080  | .268  | -1.945 |
| 30 | 2431 | .363   | .055  | .137  | -1.634 |
| 30 | 2432 | .364   | .057  | .146  | -1.602 |
| 30 | 2433 | .413   | .060  | .195  | -1.674 |
| 30 | 2434 | .405   | .070  | .174  | -1.722 |
| 30 | 2435 | .460   | .079  | .263  | -1.824 |
| 30 | 2501 | .346   | .056  | .141  | -1.690 |
| 30 | 2502 | .218   | .064  | .002  | -1.595 |
| 30 | 2503 | .173   | .202  | .305  | -1.891 |
| 30 | 2504 | .563   | .109  | .133  | -1.004 |
| 30 | 2505 | .753   | .101  | .414  | -1.174 |
| 30 | 2506 | .616   | .148  | .267  | -1.134 |
| 30 | 2507 | .960   | .198  | .175  | -1.615 |
| 30 | 2508 | .190   | .067  | .046  | -1.571 |
| 30 | 2509 | .659   | .229  | .191  | -1.327 |
| 30 | 2510 | .363   | .052  | .200  | -1.602 |
| 30 | 2511 | .971   | .184  | .248  | -1.742 |
| 30 | 2512 | .378   | .058  | .201  | -1.713 |
| 30 | 2513 | .228   | .181  | .161  | -1.978 |
| 30 | 2514 | .468   | .252  | .057  | -1.232 |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 30 | 2515 | .852   | .172  | .078  | -1.635 |
| 30 | 2516 | .362   | .056  | .211  | -1.606 |
| 30 | 2517 | .257   | .184  | .171  | -1.018 |
| 30 | 2518 | .499   | .258  | .007  | -1.269 |
| 30 | 2519 | .849   | .179  | .273  | -1.655 |
| 30 | 2520 | .365   | .062  | .211  | -1.826 |
| 30 | 2521 | .268   | .179  | .135  | -1.078 |
| 30 | 2522 | .492   | .232  | .072  | -1.259 |
| 30 | 2523 | .822   | .193  | .200  | -1.605 |
| 30 | 2524 | .388   | .062  | .224  | -1.703 |
| 30 | 2525 | .290   | .144  | .028  | -1.016 |
| 30 | 2526 | .416   | .199  | .035  | -1.217 |
| 30 | 2527 | .682   | .192  | .035  | -1.645 |
| 30 | 2528 | .324   | .074  | .125  | -1.742 |
| 30 | 2529 | .567   | .179  | .080  | -1.645 |
| 30 | 2530 | .287   | .074  | .080  | -1.590 |
| 30 | 2531 | .187   | .094  | .074  | -1.619 |
| 30 | 2532 | .477   | .129  | .056  | -1.050 |
| 30 | 2601 | .059   | .101  | .381  | -1.441 |
| 30 | 2602 | .121   | .112  | .472  | -1.247 |
| 30 | 2603 | .168   | .117  | .581  | -1.278 |
| 30 | 2604 | .166   | .120  | .535  | -1.301 |
| 30 | 2605 | .214   | .127  | .627  | -1.256 |
| 30 | 2606 | .296   | .139  | .700  | -1.142 |
| 30 | 2607 | .039   | .115  | .378  | -1.375 |
| 30 | 2608 | .466   | .154  | .917  | -1.133 |
| 30 | 2609 | .014   | .117  | .349  | -1.376 |
| 30 | 2610 | .370   | .136  | .792  | -1.067 |
| 30 | 2611 | .568   | .156  | .024  | -1.058 |
| 30 | 2612 | .589   | .162  | .024  | -1.069 |
| 30 | 2613 | .434   | .151  | .938  | -1.075 |
| 30 | 2614 | .037   | .118  | .325  | -1.352 |
| 30 | 2615 | .313   | .132  | .726  | -1.010 |
| 30 | 2616 | .426   | .144  | .894  | -1.051 |
| 30 | 2617 | .520   | .153  | .028  | -1.115 |
| 30 | 2618 | .395   | .155  | .949  | -1.027 |
| 30 | 2619 | .102   | .112  | .403  | -1.393 |
| 30 | 2620 | .210   | .128  | .719  | -1.104 |
| 30 | 2621 | .302   | .149  | .855  | -1.010 |
| 30 | 2622 | .402   | .150  | .937  | -1.070 |
| 30 | 2623 | .305   | .144  | .829  | -1.065 |
| 30 | 2624 | .175   | .098  | .240  | -1.456 |
| 30 | 2625 | .086   | .101  | .549  | -1.140 |
| 30 | 2626 | .182   | .109  | .660  | -1.075 |
| 30 | 2627 | .282   | .128  | .869  | -1.028 |
| 30 | 2628 | .258   | .134  | .866  | -1.051 |
| 30 | 2629 | .178   | .082  | .168  | -1.487 |
| 30 | 2630 | .185   | .081  | .485  | -1.055 |
| 30 | 2631 | .096   | .068  | .413  | -1.063 |
| 30 | 2632 | .114   | .098  | .502  | -1.107 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-------|--------|-------|-------|-------|
| 30 | 28633 | .189   | .080  | .554  | .030  |
| 30 | 28634 | .181   | .090  | .625  | .012  |
| 30 | 28635 | .184   | .084  | .631  | .023  |
| 30 | 27601 | .368   | .061  | .747  | .193  |
| 30 | 27602 | .326   | .063  | .034  | .563  |
| 30 | 27603 | .338   | .049  | .163  | .530  |
| 30 | 27604 | .132   | .091  | .168  | .578  |
| 30 | 27605 | .217   | .105  | .638  | .141  |
| 30 | 27606 | .319   | .098  | .025  | .737  |
| 30 | 27607 | .411   | .109  | .023  | .900  |
| 30 | 27608 | .229   | .085  | .126  | .583  |
| 30 | 27609 | .136   | .132  | .375  | .573  |
| 30 | 27610 | .224   | .111  | .156  | .798  |
| 30 | 27611 | .293   | .074  | .666  | .045  |
| 30 | 27612 | .470   | .099  | .184  | .877  |
| 30 | 27613 | .412   | .080  | .098  | .763  |
| 30 | 27614 | .257   | .098  | .146  | .636  |
| 30 | 27615 | .255   | .149  | .168  | .029  |
| 30 | 27616 | .257   | .109  | .037  | .847  |
| 30 | 27617 | .916   | .239  | .147  | .056  |
| 30 | 27618 | .946   | .227  | .379  | .192  |
| 30 | 27619 | .918   | .211  | .390  | .104  |
| 30 | 27620 | .496   | .087  | .928  | .218  |
| 30 | 27621 | .355   | .069  | .162  | .720  |
| 30 | 27622 | .371   | .076  | .158  | .816  |
| 30 | 27623 | .258   | .110  | .133  | .694  |
| 30 | 27624 | .224   | .155  | .379  | .928  |
| 30 | 27625 | .316   | .162  | .083  | .071  |
| 30 | 28001 | .133   | .147  | .658  | .389  |
| 30 | 28002 | .190   | .130  | .784  | .266  |
| 30 | 28003 | .098   | .108  | .208  | .525  |
| 30 | 28004 | .003   | .106  | .435  | .268  |
| 30 | 28005 | .217   | .078  | .196  | .459  |
| 30 | 28006 | .602   | .154  | .231  | .327  |
| 30 | 28007 | .341   | .079  | .673  | .067  |
| 30 | 28008 | .188   | .077  | .034  | .594  |
| 30 | 28009 | .069   | .095  | .223  | .517  |
| 30 | 28010 | .103   | .145  | .676  | .354  |
| 30 | 28011 | .158   | .094  | .064  | .567  |
| 30 | 28012 | .072   | .089  | .540  | .130  |
| 30 | 28013 | .262   | .065  | .038  | .517  |
| 30 | 28014 | .336   | .116  | .254  | .139  |
| 30 | 28015 | .325   | .070  | .594  | .089  |
| 30 | 28016 | .188   | .060  | .044  | .432  |
| 30 | 28017 | .117   | .074  | .138  | .379  |
| 30 | 28018 | .013   | .097  | .412  | .329  |
| 30 | 28019 | .186   | .084  | .049  | .549  |
| 30 | 28020 | .085   | .072  | .474  | .106  |
| 30 | 28021 | .285   | .064  | .028  | .605  |
| 30 | 28022 | .554   | .122  | .121  | .240  |

| WD | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-------|--------|-------|-------|-------|
| 30 | 28223 | .295   | .067  | .103  | .551  |
| 30 | 28224 | .210   | .061  | .517  | .057  |
| 30 | 28225 | .102   | .061  | .165  | .314  |
| 30 | 28226 | .004   | .117  | .583  | .374  |
| 30 | 28227 | .133   | .082  | .498  | .249  |
| 30 | 28228 | .054   | .066  | .124  | .351  |
| 30 | 28229 | .265   | .052  | .002  | .472  |
| 30 | 28230 | .515   | .076  | .296  | .801  |
| 30 | 28231 | .262   | .045  | .111  | .503  |
| 30 | 28232 | .215   | .052  | .421  | .030  |
| 30 | 28233 | .126   | .049  | .064  | .344  |
| 30 | 28234 | .102   | .052  | .073  | .299  |
| 30 | 28235 | .152   | .090  | .618  | .101  |
| 30 | 28236 | .287   | .054  | .539  | .084  |
| 30 | 28237 | .141   | .041  | .005  | .282  |
| 30 | 28238 | .097   | .063  | .316  | .301  |
| 30 | 28239 | .121   | .082  | .518  | .128  |
| 30 | 28240 | .168   | .070  | .408  | .134  |
| 30 | 28241 | .205   | .058  | .027  | .430  |
| 30 | 28242 | .319   | .093  | .035  | .728  |
| 30 | 28243 | .114   | .088  | .427  | .078  |
| 30 | 28244 | .206   | .056  | .391  | .092  |
| 30 | 28245 | .207   | .049  | .029  | .386  |
| 30 | 28246 | .147   | .050  | .053  | .314  |
| 30 | 28247 | .168   | .076  | .488  | .045  |
| 30 | 28248 | .158   | .062  | .017  | .483  |
| 30 | 28249 | .112   | .091  | .405  | .251  |
| 30 | 28250 | .049   | .060  | .324  | .105  |
| 30 | 28251 | .108   | .051  | .179  | .258  |
| 30 | 28252 | .108   | .051  | .179  | .258  |
| 30 | 28253 | .182   | .047  | .049  | .496  |
| 30 | 28254 | .185   | .040  | .012  | .335  |
| 30 | 28255 | .137   | .037  | .028  | .266  |
| 30 | 28256 | .097   | .035  | .058  | .212  |
| 30 | 28257 | .072   | .041  | .090  | .211  |
| 30 | 28258 | .338   | .131  | .033  | .124  |
| 30 | 28259 | .261   | .067  | .068  | .585  |
| 30 | 28260 | .238   | .095  | .023  | .192  |
| 30 | 28261 | .218   | .099  | .067  | .254  |
| 30 | 28262 | .231   | .090  | .030  | .838  |
| 30 | 28263 | .290   | .060  | .110  | .660  |
| 30 | 28264 | .383   | .186  | .078  | .265  |
| 30 | 28265 | .270   | .053  | .109  | .524  |
| 30 | 28266 | .185   | .046  | .016  | .357  |
| 30 | 28267 | .250   | .042  | .114  | .408  |
| 30 | 28268 | .088   | .081  | .212  | .412  |
| 30 | 28269 | .217   | .053  | .051  | .426  |
| 30 | 28270 | .156   | .047  | .035  | .317  |
| 30 | 28271 | .116   | .065  | .121  | .312  |
| 30 | 28272 | .212   | .052  | .021  | .451  |

| WD | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-------|--------|-------|-------|-------|
| 30 | 28722 | .273   | .057  | .086  | .575  |
| 30 | 28723 | .298   | .059  | .148  | .615  |
| 30 | 28724 | .514   | .133  | .030  | .384  |
| 45 | 101   | .767   | .156  | .093  | .425  |
| 45 | 102   | .042   | .193  | .433  | .863  |
| 45 | 103   | .912   | .206  | .440  | .792  |
| 45 | 104   | .589   | .134  | .094  | .206  |
| 45 | 105   | .399   | .120  | .002  | .832  |
| 45 | 106   | .166   | .073  | .117  | .497  |
| 45 | 107   | .151   | .074  | .073  | .592  |
| 45 | 108   | .260   | .108  | .222  | .648  |
| 45 | 109   | .338   | .122  | .021  | .866  |
| 45 | 110   | .336   | .110  | .060  | .995  |
| 45 | 111   | .728   | .159  | .296  | .304  |
| 45 | 112   | .617   | .114  | .204  | .096  |
| 45 | 201   | .580   | .118  | .189  | .949  |
| 45 | 202   | .473   | .116  | .025  | .895  |
| 45 | 203   | .436   | .126  | .044  | .965  |
| 45 | 204   | .569   | .134  | .130  | .062  |
| 45 | 205   | .693   | .143  | .155  | .148  |
| 45 | 206   | .686   | .138  | .348  | .475  |
| 45 | 207   | .690   | .112  | .315  | .261  |
| 45 | 208   | .629   | .100  | .351  | .070  |
| 45 | 209   | .662   | .108  | .366  | .087  |
| 45 | 210   | .661   | .119  | .303  | .145  |
| 45 | 211   | .540   | .115  | .131  | .009  |
| 45 | 212   | .346   | .115  | .013  | .827  |
| 45 | 1101  | .355   | .126  | .000  | .912  |
| 45 | 1102  | .417   | .116  | .112  | .894  |
| 45 | 1103  | .423   | .125  | .112  | .419  |
| 45 | 1104  | .368   | .117  | .079  | .886  |
| 45 | 1105  | .337   | .121  | .067  | .961  |
| 45 | 1106  | .391   | .126  | .069  | .148  |
| 45 | 1107  | .334   | .116  | .021  | .963  |
| 45 | 1108  | .340   | .112  | .084  | .019  |
| 45 | 1109  | .346   | .119  | .021  | .144  |
| 45 | 1110  | .345   | .109  | .029  | .210  |
| 45 | 1111  | .318   | .093  | .050  | .013  |
| 45 | 1112  | .305   | .082  | .089  | .804  |
| 45 | 1113  | .374   | .114  | .033  | .182  |
| 45 | 1114  | .363   | .088  | .103  | .098  |
| 45 | 1115  | .335   | .079  | .123  | .006  |
| 45 | 1116  | .316   | .064  | .138  | .685  |
| 45 | 1117  | .405   | .110  | .050  | .992  |
| 45 | 1118  | .414   | .094  | .088  | .033  |
| 45 | 1119  | .393   | .083  | .095  | .897  |
| 45 | 1120  | .426   | .098  | .191  | .944  |
| 45 | 1121  | .389   | .109  | .033  | .820  |
| 45 | 1122  | .387   | .119  | .031  | .929  |
| 45 | 1123  | .456   | .124  | .009  | .051  |
| 45 | 1124  |        |       |       |       |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN |
|----|------|--------|-------|-------|-------|
| 45 | 1125 | .635   | .211  | .202  | .037  |
| 45 | 1126 | .318   | .081  | .088  | .661  |
| 45 | 1127 | .305   | .075  | .053  | .670  |
| 45 | 1128 | .334   | .075  | .052  | .653  |
| 45 | 1129 | .496   | .136  | .033  | .001  |
| 45 | 1130 | .223   | .095  | .197  | .566  |
| 45 | 1201 | .208   | .079  | .148  | .505  |
| 45 | 1202 | .111   | .087  | .241  | .412  |
| 45 | 1203 | .111   | .081  | .227  | .369  |
| 45 | 1204 | .129   | .081  | .152  | .442  |
| 45 | 1205 | .139   | .083  | .117  | .459  |
| 45 | 1206 | .100   | .119  | .213  | .982  |
| 45 | 1207 | .190   | .076  | .189  | .683  |
| 45 | 1208 | .031   | .184  | .499  | .809  |
| 45 | 1209 | .237   | .066  | .022  | .581  |
| 45 | 1210 | .121   | .069  | .182  | .414  |
| 45 | 1211 | .088   | .084  | .264  | .281  |
| 45 | 1212 | .047   | .095  | .361  | .254  |
| 45 | 1213 | .152   | .201  | .433  | .952  |
| 45 | 1214 | .248   | .061  | .017  | .592  |
| 45 | 1215 | .145   | .061  | .101  | .351  |
| 45 | 1216 | .097   | .068  | .193  | .321  |
| 45 | 1217 | .088   | .084  | .404  | .309  |
| 45 | 1218 | .151   | .191  | .516  | .016  |
| 45 | 1219 | .270   | .063  | .049  | .549  |
| 45 | 1220 | .174   | .065  | .176  | .371  |
| 45 | 1221 | .099   | .074  | .175  | .349  |
| 45 | 1222 | .047   | .082  | .249  | .365  |
| 45 | 1223 | .184   | .178  | .339  | .909  |
| 45 | 1224 | .282   | .074  | .076  | .621  |
| 45 | 1225 | .144   | .075  | .096  | .519  |
| 45 | 1226 | .143   | .084  | .156  | .485  |
| 45 | 1227 | .129   | .084  | .192  | .519  |
| 45 | 1228 | .275   | .173  | .247  | .999  |
| 45 | 1229 | .106   | .098  | .347  | .500  |
| 45 | 1230 | .001   | .141  | .462  | .611  |
| 45 | 1231 | .159   | .157  | .383  | .274  |
| 45 | 1232 | .270   | .161  | .133  | .558  |
| 45 | 1233 | .260   | .115  | .225  | .603  |
| 45 | 1234 | .090   | .123  | .410  | .502  |
| 45 | 1235 | .244   | .169  | .886  | .265  |
| 45 | 1236 | .104   | .155  | .685  | .442  |
| 45 | 1237 | .316   | .195  | .173  | .288  |
| 45 | 1238 | .238   | .174  | .261  | .058  |
| 45 | 1239 | .123   | .131  | .436  | .763  |
| 45 | 1240 | .232   | .186  | .948  | .333  |
| 45 | 1241 | .178   | .119  | .274  | .518  |
| 45 | 1242 | .163   | .119  | .212  | .847  |
| 45 | 1301 | .296   | .129  | .761  | .187  |
| 45 | 1302 | .280   | .130  | .708  | .152  |

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN |
|----|------|--------|-------|-------|-------|
| 45 | 1303 | .269   | .126  | .647  | .147  |
| 45 | 1304 | .258   | .127  | .623  | .158  |
| 45 | 1305 | .970   | .198  | .254  | .699  |
| 45 | 1306 | .434   | .148  | .929  | .064  |
| 45 | 1307 | .433   | .150  | .917  | .135  |
| 45 | 1308 | .416   | .145  | .866  | .141  |
| 45 | 1309 | .358   | .140  | .756  | .256  |
| 45 | 1310 | .393   | .137  | .001  | .150  |
| 45 | 1311 | .581   | .155  | .179  | .130  |
| 45 | 1312 | .571   | .152  | .042  | .120  |
| 45 | 1313 | .282   | .133  | .801  | .225  |
| 45 | 1314 | .361   | .138  | .820  | .048  |
| 45 | 1315 | .536   | .163  | .011  | .106  |
| 45 | 1316 | .526   | .161  | .011  | .106  |
| 45 | 1317 | .265   | .124  | .690  | .171  |
| 45 | 1318 | .214   | .131  | .670  | .204  |
| 45 | 1319 | .371   | .142  | .865  | .017  |
| 45 | 1320 | .373   | .142  | .887  | .016  |
| 45 | 1321 | .146   | .121  | .536  | .251  |
| 45 | 1322 | .065   | .130  | .509  | .257  |
| 45 | 1323 | .199   | .137  | .659  | .118  |
| 45 | 1324 | .212   | .135  | .651  | .125  |
| 45 | 1325 | .095   | .129  | .676  | .301  |
| 45 | 1326 | .171   | .117  | .613  | .135  |
| 45 | 1327 | .220   | .123  | .709  | .149  |
| 45 | 1328 | .133   | .129  | .753  | .198  |
| 45 | 1329 | .041   | .127  | .521  | .320  |
| 45 | 1330 | .018   | .081  | .366  | .214  |
| 45 | 1331 | .047   | .094  | .449  | .357  |
| 45 | 1332 | .093   | .050  | .127  | .285  |
| 45 | 1401 | .844   | .240  | .265  | .036  |
| 45 | 1402 | .844   | .230  | .138  | .688  |
| 45 | 1403 | .754   | .229  | .014  | .536  |
| 45 | 1404 | .604   | .237  | .054  | .710  |
| 45 | 1405 | .472   | .196  | .092  | .351  |
| 45 | 1406 | .401   | .148  | .107  | .231  |
| 45 | 1407 | .771   | .233  | .222  | .949  |
| 45 | 1408 | .372   | .137  | .033  | .908  |
| 45 | 1409 | .637   | .145  | .213  | .195  |
| 45 | 1410 | .672   | .168  | .145  | .704  |
| 45 | 1411 | .696   | .212  | .002  | .451  |
| 45 | 1412 | .602   | .205  | .056  | .348  |
| 45 | 1413 | .555   | .216  | .078  | .370  |
| 45 | 1414 | .682   | .145  | .195  | .262  |
| 45 | 1415 | .717   | .156  | .170  | .550  |
| 45 | 1416 | .727   | .181  | .103  | .653  |
| 45 | 1417 | .644   | .199  | .017  | .612  |
| 45 | 1418 | .566   | .199  | .026  | .452  |
| 45 | 1419 | .819   | .193  | .354  | .928  |
| 45 | 1420 | .828   | .231  | .071  | .027  |

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN |
|----|------|--------|-------|-------|-------|
| 45 | 1421 | .540   | .247  | .019  | .448  |
| 45 | 1422 | .415   | .189  | .019  | .205  |
| 45 | 1423 | .400   | .127  | .057  | .073  |
| 45 | 1424 | .761   | .277  | .071  | .955  |
| 45 | 1425 | .401   | .219  | .116  | .548  |
| 45 | 1426 | .230   | .094  | .166  | .906  |
| 45 | 1427 | .216   | .061  | .009  | .463  |
| 45 | 1428 | .243   | .084  | .002  | .666  |
| 45 | 1429 | .334   | .124  | .083  | .943  |
| 45 | 1430 | .175   | .078  | .019  | .549  |
| 45 | 1431 | .204   | .055  | .064  | .423  |
| 45 | 1432 | .181   | .050  | .031  | .358  |
| 45 | 1433 | .163   | .050  | .005  | .396  |
| 45 | 1434 | .170   | .058  | .012  | .414  |
| 45 | 1435 | .128   | .054  | .054  | .343  |
| 45 | 1501 | .446   | .138  | .056  | .000  |
| 45 | 1502 | .426   | .130  | .050  | .139  |
| 45 | 1503 | .404   | .114  | .083  | .849  |
| 45 | 1504 | .416   | .117  | .064  | .856  |
| 45 | 1505 | .360   | .092  | .046  | .680  |
| 45 | 1506 | .341   | .102  | .055  | .773  |
| 45 | 1507 | .336   | .111  | .035  | .796  |
| 45 | 1508 | .418   | .132  | .022  | .042  |
| 45 | 1509 | .329   | .104  | .055  | .798  |
| 45 | 1510 | .444   | .142  | .026  | .028  |
| 45 | 1511 | .366   | .126  | .031  | .939  |
| 45 | 1512 | .479   | .160  | .022  | .073  |
| 45 | 1513 | .391   | .120  | .029  | .899  |
| 45 | 1514 | .373   | .117  | .011  | .918  |
| 45 | 1515 | .365   | .118  | .011  | .958  |
| 45 | 1516 | .518   | .167  | .009  | .297  |
| 45 | 1517 | .432   | .156  | .042  | .112  |
| 45 | 1518 | .421   | .124  | .079  | .940  |
| 45 | 1519 | .408   | .121  | .123  | .241  |
| 45 | 1520 | .465   | .139  | .115  | .181  |
| 45 | 1521 | .435   | .134  | .105  | .195  |
| 45 | 1522 | .434   | .157  | .050  | .207  |
| 45 | 1523 | .423   | .155  | .070  | .119  |
| 45 | 1524 | .343   | .172  | .007  | .113  |
| 45 | 1525 | .342   | .178  | .009  | .175  |
| 45 | 1526 | .366   | .194  | .037  | .249  |
| 45 | 1527 | .336   | .171  | .004  | .340  |
| 45 | 1528 | .286   | .155  | .024  | .028  |
| 45 | 1529 | .211   | .105  | .009  | .916  |
| 45 | 1530 | .251   | .127  | .022  | .699  |
| 45 | 1531 | .219   | .105  | .852  | .010  |
| 45 | 1532 | .158   | .074  | .035  | .581  |
| 45 | 1601 | .305   | .098  | .037  | .956  |
| 45 | 1602 | .299   | .083  | .037  | .629  |
| 45 | 1603 | .281   | .076  | .037  | .779  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 45 | 1604 | -.282  | .072  | -.064 | -.607  |
| 45 | 1605 | -.276  | .077  | -.039 | -.651  |
| 45 | 1606 | -.254  | .100  | -.046 | -.718  |
| 45 | 1607 | -.325  | .101  | -.037 | -.812  |
| 45 | 1608 | -.310  | .086  | -.091 | -.725  |
| 45 | 1609 | -.331  | .090  | -.068 | -.695  |
| 45 | 1610 | -.325  | .079  | -.112 | -.743  |
| 45 | 1611 | -.299  | .061  | -.121 | -.594  |
| 45 | 1612 | -.304  | .062  | -.113 | -.614  |
| 45 | 1613 | -.302  | .078  | -.066 | -.759  |
| 45 | 1614 | -.396  | .101  | -.101 | -1.179 |
| 45 | 1615 | -.354  | .083  | -.050 | -1.204 |
| 45 | 1616 | -.340  | .067  | -.095 | -.782  |
| 45 | 1617 | -.306  | .056  | -.121 | -.546  |
| 45 | 1618 | -.325  | .064  | -.088 | -.730  |
| 45 | 1619 | -.392  | .124  | -.127 | -1.204 |
| 45 | 1620 | -.360  | .089  | -.137 | -.871  |
| 45 | 1621 | -.325  | .062  | -.121 | -.577  |
| 45 | 1622 | -.351  | .075  | -.105 | -.789  |
| 45 | 1623 | -.366  | .091  | -.024 | -.932  |
| 45 | 1624 | -.310  | .120  | -.058 | -.993  |
| 45 | 1625 | -.297  | .091  | -.064 | -1.030 |
| 45 | 1626 | -.330  | .086  | -.134 | -.736  |
| 45 | 1627 | -.402  | .120  | -.059 | -.967  |
| 45 | 1628 | -.404  | .136  | -.066 | -1.135 |
| 45 | 1629 | -.173  | .086  | -.105 | -.634  |
| 45 | 1630 | -.339  | .146  | -.018 | -.936  |
| 45 | 1631 | -.160  | .074  | -.149 | -.544  |
| 45 | 1632 | -.172  | .066  | -.055 | -.439  |
| 45 | 1633 | -.221  | .084  | -.068 | -.649  |
| 45 | 1634 | -.252  | .083  | -.002 | -.670  |
| 45 | 1635 | -.267  | .089  | -.011 | -.546  |
| 45 | 1701 | -.083  | .099  | -.457 | -.401  |
| 45 | 1702 | -.269  | .077  | -.023 | -.652  |
| 45 | 1703 | -.234  | .080  | -.081 | -.598  |
| 45 | 1704 | -.265  | .175  | -.247 | -1.243 |
| 45 | 1705 | -.229  | .120  | -.904 | -.202  |
| 45 | 1706 | -.217  | .087  | -.057 | -.656  |
| 45 | 1707 | -.237  | .101  | -.097 | -.916  |
| 45 | 1708 | -.308  | .112  | -.042 | -1.296 |
| 45 | 1709 | -.344  | .090  | -.134 | -.754  |
| 45 | 1710 | -.323  | .082  | -.083 | -.640  |
| 45 | 1711 | -.291  | .160  | -.996 | -.174  |
| 45 | 1712 | -.111  | .070  | -.172 | -.441  |
| 45 | 1713 | -.210  | .084  | -.063 | -.737  |
| 45 | 1714 | -.270  | .079  | -.055 | -.766  |
| 45 | 1715 | -.335  | .081  | -.794 | -.165  |
| 45 | 1716 | -.461  | .138  | -.064 | -1.035 |
| 45 | 1717 | -.012  | .115  | -.509 | -.422  |
| 45 | 1718 | -.063  | .116  | -.424 | -.573  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 45 | 1719 | -.033  | .126  | -.505 | -.581  |
| 45 | 1720 | -.046  | .087  | -.280 | -.349  |
| 45 | 1721 | -.148  | .079  | -.126 | -1.010 |
| 45 | 1722 | -.156  | .078  | -.093 | -.946  |
| 45 | 1723 | -.246  | .079  | -.002 | -.787  |
| 45 | 1724 | -.308  | .071  | -.615 | -.128  |
| 45 | 1725 | -.288  | .070  | -.094 | -.643  |
| 45 | 1801 | -.309  | .071  | -.079 | -.707  |
| 45 | 1802 | -.310  | .070  | -.076 | -.747  |
| 45 | 1803 | -.327  | .079  | -.746 | -.101  |
| 45 | 1804 | -.465  | .196  | -.060 | -1.473 |
| 45 | 1805 | -.278  | .098  | -.037 | -.716  |
| 45 | 1806 | -.189  | .068  | -.104 | -.620  |
| 45 | 1807 | -.176  | .075  | -.541 | -.151  |
| 45 | 1808 | -.225  | .083  | -.101 | -.528  |
| 45 | 1809 | -.316  | .087  | -.063 | -.818  |
| 45 | 1810 | -.318  | .087  | -.143 | -.810  |
| 45 | 1811 | -.333  | .073  | -.817 | -.106  |
| 45 | 1812 | -.234  | .073  | -.055 | -.560  |
| 45 | 1813 | -.294  | .080  | -.053 | -.600  |
| 45 | 1814 | -.199  | .058  | -.030 | -.494  |
| 45 | 1815 | -.154  | .070  | -.443 | -.145  |
| 45 | 1816 | -.183  | .088  | -.151 | -.737  |
| 45 | 1817 | -.262  | .093  | -.039 | -.707  |
| 45 | 1818 | -.337  | .098  | -.092 | -.837  |
| 45 | 1819 | -.292  | .054  | -.516 | -.087  |
| 45 | 1820 | -.184  | .064  | -.060 | -.516  |
| 45 | 1821 | -.304  | .105  | -.058 | -.851  |
| 45 | 1822 | -.210  | .060  | -.489 | -.023  |
| 45 | 1823 | -.144  | .061  | -.118 | -.475  |
| 45 | 1824 | -.177  | .077  | -.551 | -.067  |
| 45 | 1825 | -.223  | .094  | -.124 | -.615  |
| 45 | 1826 | -.340  | .105  | -.107 | -.883  |
| 45 | 1827 | -.261  | .067  | -.051 | -.503  |
| 45 | 1828 | -.183  | .056  | -.434 | -.014  |
| 45 | 1829 | -.256  | .070  | -.076 | -.592  |
| 45 | 1830 | -.202  | .047  | -.067 | -.396  |
| 45 | 1831 | -.141  | .050  | -.042 | -.427  |
| 45 | 1832 | -.164  | .067  | -.532 | -.041  |
| 45 | 1833 | -.200  | .081  | -.067 | -.668  |
| 45 | 1834 | -.363  | .122  | -.109 | -.995  |
| 45 | 1835 | -.267  | .063  | -.037 | -.535  |
| 45 | 1836 | -.250  | .066  | -.482 | -.039  |
| 45 | 1837 | -.123  | .055  | -.102 | -.416  |
| 45 | 1838 | -.349  | .110  | -.093 | -.821  |
| 45 | 1839 | -.202  | .053  | -.035 | -.454  |
| 45 | 1840 | -.223  | .057  | -.523 | -.032  |
| 45 | 1841 | -.161  | .058  | -.039 | -.521  |
| 45 | 1842 | -.265  | .067  | -.088 | -.549  |
| 45 | 1843 | -.190  | .052  | -.032 | -.404  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 45 | 1844 | -.196  | .047  | -.401 | -.062  |
| 45 | 1845 | -.140  | .049  | -.053 | -.438  |
| 45 | 1846 | -.225  | .057  | -.058 | -.510  |
| 45 | 1847 | -.271  | .067  | -.025 | -.544  |
| 45 | 1848 | -.301  | .075  | -.551 | -.062  |
| 45 | 1849 | -.227  | .057  | -.025 | -.489  |
| 45 | 1850 | -.183  | .058  | -.002 | -.471  |
| 45 | 1851 | -.183  | .040  | -.367 | -.040  |
| 45 | 1851 | -.183  | .040  | -.367 | -.040  |
| 45 | 1852 | -.131  | .035  | -.007 | -.296  |
| 45 | 1853 | -.157  | .039  | -.005 | -.430  |
| 45 | 1854 | -.100  | .040  | -.070 | -.315  |
| 45 | 1855 | -.166  | .054  | -.396 | -.002  |
| 45 | 1856 | -.162  | .047  | -.010 | -.364  |
| 45 | 1857 | -.319  | .070  | -.018 | -.646  |
| 45 | 1858 | -.204  | .085  | -.220 | -.525  |
| 45 | 1859 | -.000  | .000  | -.000 | -.000  |
| 45 | 1860 | -.093  | .100  | -.432 | -.419  |
| 45 | 1861 | -.087  | .109  | -.383 | -.473  |
| 45 | 1862 | -.045  | .133  | -.547 | -.421  |
| 45 | 1863 | -.312  | .069  | -.572 | -.129  |
| 45 | 1864 | -.218  | .069  | -.097 | -.560  |
| 45 | 1865 | -.154  | .069  | -.226 | -.401  |
| 45 | 1866 | -.144  | .074  | -.211 | -.428  |
| 45 | 1867 | -.273  | .060  | -.478 | -.089  |
| 45 | 1868 | -.199  | .062  | -.048 | -.439  |
| 45 | 1869 | -.117  | .065  | -.165 | -.383  |
| 45 | 1870 | -.060  | .062  | -.206 | -.290  |
| 45 | 1871 | -.094  | .060  | -.272 | -.171  |
| 45 | 1872 | -.085  | .073  | -.201 | -.395  |
| 45 | 1873 | -.043  | .121  | -.365 | -.442  |
| 45 | 2101 | -.617  | .115  | -.342 | -1.237 |
| 45 | 2102 | -.611  | .113  | -.318 | -1.096 |
| 45 | 2103 | -.598  | .137  | -.037 | -1.137 |
| 45 | 2104 | -.573  | .140  | -.025 | -1.108 |
| 45 | 2105 | -.663  | .113  | -.334 | -1.300 |
| 45 | 2106 | -.619  | .126  | -.284 | -1.379 |
| 45 | 2107 | -.625  | .146  | -.048 | -1.335 |
| 45 | 2108 | -.592  | .119  | -.295 | -1.258 |
| 45 | 2109 | -.593  | .160  | -.017 | -1.214 |
| 45 | 2110 | -.568  | .157  | -.209 | -1.301 |
| 45 | 2111 | -.608  | .170  | -.183 | -1.458 |
| 45 | 2112 | -.616  | .179  | -.119 | -1.490 |
| 45 | 2113 | -.590  | .184  | -.028 | -1.461 |
| 45 | 2114 | -.617  | .199  | -.170 | -1.765 |
| 45 | 2115 | -.657  | .208  | -.113 | -1.868 |
| 45 | 2116 | -.642  | .208  | -.019 | -1.561 |
| 45 | 2117 | -.596  | .220  | -.009 | -1.461 |
| 45 | 2118 | -.725  | .225  | -.233 | -1.801 |
| 45 | 2119 | -.710  | .240  | -.060 | -2.068 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 45 | 2120 | .583   | .242  | .143  | -1.447 |
| 45 | 2121 | .551   | .193  | -.125 | -1.392 |
| 45 | 2122 | .747   | .273  | .100  | -2.166 |
| 45 | 2123 | .470   | .273  | .233  | -1.337 |
| 45 | 2124 | .329   | .192  | .140  | -1.173 |
| 45 | 2125 | .471   | .111  | -.082 | -.872  |
| 45 | 2126 | .437   | .211  | .177  | -1.354 |
| 45 | 2127 | .351   | .236  | .225  | -1.280 |
| 45 | 2128 | .339   | .115  | .094  | -.808  |
| 45 | 2129 | .393   | .138  | .071  | -1.020 |
| 45 | 2130 | .074   | .156  | .466  | -.774  |
| 45 | 2201 | .356   | .121  | .198  | -1.085 |
| 45 | 2202 | .333   | .129  | .034  | -1.101 |
| 45 | 2203 | .325   | .111  | .166  | -1.008 |
| 45 | 2204 | .323   | .108  | .177  | -.954  |
| 45 | 2205 | .317   | .106  | .178  | -.950  |
| 45 | 2206 | .320   | .111  | .165  | -.915  |
| 45 | 2207 | .321   | .126  | .024  | -1.245 |
| 45 | 2208 | .481   | .120  | .056  | -1.163 |
| 45 | 2209 | .354   | .145  | .095  | -1.293 |
| 45 | 2210 | .306   | .127  | .070  | -1.217 |
| 45 | 2211 | .463   | .103  | .175  | -.823  |
| 45 | 2212 | .457   | .095  | .204  | -.888  |
| 45 | 2213 | .476   | .108  | .215  | -.965  |
| 45 | 2214 | .350   | .191  | .039  | -1.357 |
| 45 | 2215 | .480   | .163  | .095  | -1.319 |
| 45 | 2216 | .471   | .138  | .121  | -1.223 |
| 45 | 2217 | .457   | .104  | .170  | -.950  |
| 45 | 2218 | .464   | .125  | .138  | -1.096 |
| 45 | 2219 | .340   | .175  | .142  | -1.406 |
| 45 | 2220 | .317   | .164  | .150  | -1.204 |
| 45 | 2221 | .427   | .106  | .188  | -.885  |
| 45 | 2222 | .392   | .093  | .162  | -.818  |
| 45 | 2223 | .386   | .096  | .180  | -.877  |
| 45 | 2224 | .442   | .134  | .092  | -1.296 |
| 45 | 2225 | .388   | .105  | .155  | -.948  |
| 45 | 2226 | .376   | .089  | .167  | -.786  |
| 45 | 2227 | .356   | .076  | .138  | -.685  |
| 45 | 2228 | .353   | .075  | .180  | -.765  |
| 45 | 2229 | .305   | .092  | .038  | -.685  |
| 45 | 2230 | .308   | .082  | .085  | -.600  |
| 45 | 2231 | .297   | .069  | .009  | -.617  |
| 45 | 2232 | .334   | .070  | .109  | -.583  |
| 45 | 2233 | .377   | .068  | .223  | -.638  |
| 45 | 2234 | .345   | .061  | .208  | -.644  |
| 45 | 2235 | .227   | .089  | .079  | -.548  |
| 45 | 2236 | .213   | .079  | .047  | -.489  |
| 45 | 2237 | .282   | .111  | .205  | -.678  |
| 45 | 2238 | .346   | .075  | .078  | -.617  |
| 45 | 2239 | .368   | .084  | .104  | -.655  |

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 45 | 2240 | .235   | .087  | .016  | -.575  |
| 45 | 2241 | .329   | .090  | .102  | -.676  |
| 45 | 2242 | .356   | .082  | .140  | -.693  |
| 45 | 2301 | .454   | .114  | .127  | -1.110 |
| 45 | 2302 | .436   | .130  | .090  | -1.490 |
| 45 | 2303 | .398   | .101  | .086  | -.840  |
| 45 | 2304 | .383   | .102  | .069  | -.799  |
| 45 | 2305 | .442   | .099  | .072  | -.904  |
| 45 | 2306 | .416   | .098  | .065  | -.859  |
| 45 | 2307 | .398   | .097  | .064  | -.895  |
| 45 | 2308 | .415   | .098  | .160  | -.855  |
| 45 | 2309 | .418   | .103  | .084  | -.967  |
| 45 | 2310 | .395   | .087  | .158  | -.699  |
| 45 | 2311 | .367   | .076  | .132  | -.685  |
| 45 | 2312 | .347   | .075  | .134  | -.688  |
| 45 | 2313 | .400   | .095  | .129  | -.856  |
| 45 | 2314 | .388   | .087  | .174  | -.823  |
| 45 | 2315 | .352   | .068  | .159  | -.710  |
| 45 | 2316 | .329   | .066  | .149  | -.648  |
| 45 | 2317 | .382   | .078  | .104  | -.768  |
| 45 | 2318 | .377   | .076  | .169  | -.653  |
| 45 | 2319 | .363   | .067  | .077  | -.653  |
| 45 | 2320 | .345   | .066  | .180  | -.681  |
| 45 | 2321 | .387   | .072  | .190  | -.666  |
| 45 | 2322 | .356   | .068  | .187  | -.744  |
| 45 | 2323 | .352   | .064  | .189  | -.621  |
| 45 | 2324 | .340   | .063  | .171  | -.586  |
| 45 | 2325 | .399   | .086  | .134  | -.757  |
| 45 | 2326 | .347   | .067  | .165  | -.708  |
| 45 | 2327 | .349   | .063  | .173  | -.599  |
| 45 | 2328 | .358   | .075  | .178  | -.713  |
| 45 | 2329 | .402   | .086  | .181  | -.757  |
| 45 | 2330 | .371   | .086  | .144  | -.766  |
| 45 | 2331 | .403   | .104  | .164  | -.915  |
| 45 | 2332 | .272   | .055  | .109  | -.523  |
| 45 | 2401 | .459   | .117  | .007  | -.976  |
| 45 | 2402 | .497   | .117  | .068  | -1.041 |
| 45 | 2403 | .561   | .118  | .221  | -1.174 |
| 45 | 2404 | .571   | .115  | .209  | -1.145 |
| 45 | 2405 | .615   | .112  | .326  | -1.081 |
| 45 | 2406 | .614   | .111  | .291  | -.978  |
| 45 | 2407 | .472   | .132  | .032  | -.933  |
| 45 | 2408 | .456   | .091  | .236  | -.835  |
| 45 | 2409 | .530   | .157  | .066  | -1.232 |
| 45 | 2410 | .476   | .115  | .056  | -1.035 |
| 45 | 2411 | .484   | .104  | .187  | -1.017 |
| 45 | 2412 | .455   | .101  | .198  | -.958  |
| 45 | 2413 | .495   | .113  | .251  | -1.001 |
| 45 | 2414 | .484   | .149  | .050  | -1.332 |
| 45 | 2415 | .464   | .109  | .041  | -1.206 |

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 45 | 2416 | .458   | .113  | .163  | -1.096 |
| 45 | 2417 | .473   | .107  | .217  | -1.133 |
| 45 | 2418 | .445   | .103  | .205  | -1.118 |
| 45 | 2419 | .483   | .125  | .030  | -1.193 |
| 45 | 2420 | .449   | .104  | .127  | -.926  |
| 45 | 2421 | .484   | .097  | .263  | -1.242 |
| 45 | 2422 | .458   | .095  | .246  | -1.044 |
| 45 | 2423 | .454   | .091  | .257  | -.988  |
| 45 | 2424 | .402   | .106  | .091  | -.799  |
| 45 | 2425 | .461   | .108  | .163  | -.872  |
| 45 | 2426 | .474   | .107  | .160  | -1.026 |
| 45 | 2427 | .518   | .111  | .269  | -1.124 |
| 45 | 2428 | .502   | .116  | .252  | -1.450 |
| 45 | 2429 | .376   | .081  | .161  | -.754  |
| 45 | 2430 | .524   | .128  | .275  | -1.260 |
| 45 | 2431 | .292   | .060  | .077  | -.558  |
| 45 | 2432 | .286   | .068  | .056  | -.612  |
| 45 | 2433 | .341   | .082  | .095  | -.705  |
| 45 | 2434 | .406   | .098  | .133  | -.868  |
| 45 | 2435 | .475   | .098  | .219  | -.967  |
| 45 | 2501 | .251   | .078  | .013  | -.557  |
| 45 | 2502 | .056   | .086  | .243  | -.313  |
| 45 | 2503 | .111   | .135  | .541  | -.361  |
| 45 | 2504 | .308   | .129  | .204  | -.974  |
| 45 | 2505 | .641   | .112  | .303  | -1.171 |
| 45 | 2506 | .220   | .086  | .087  | -.626  |
| 45 | 2507 | .367   | .201  | .175  | -1.110 |
| 45 | 2508 | .025   | .083  | .217  | -.319  |
| 45 | 2509 | .118   | .104  | .150  | -.760  |
| 45 | 2510 | .238   | .067  | .042  | -.531  |
| 45 | 2511 | .360   | .222  | .348  | -1.037 |
| 45 | 2512 | .263   | .068  | .077  | -.518  |
| 45 | 2513 | .107   | .095  | .421  | -.168  |
| 45 | 2514 | .025   | .102  | .330  | -.571  |
| 45 | 2515 | .346   | .203  | .326  | -.950  |
| 45 | 2516 | .285   | .067  | .089  | -.632  |
| 45 | 2517 | .028   | .093  | .343  | -.411  |
| 45 | 2518 | .058   | .098  | .194  | -.489  |
| 45 | 2519 | .418   | .195  | .238  | -.975  |
| 45 | 2520 | .308   | .067  | .110  | -.717  |
| 45 | 2521 | .039   | .083  | .281  | -.391  |
| 45 | 2522 | .118   | .092  | .107  | -.626  |
| 45 | 2523 | .445   | .193  | .173  | -1.145 |
| 45 | 2524 | .356   | .078  | .102  | -.678  |
| 45 | 2525 | .097   | .069  | .173  | -.404  |
| 45 | 2526 | .165   | .077  | .042  | -.613  |
| 45 | 2527 | .384   | .188  | .165  | -1.032 |
| 45 | 2528 | .216   | .055  | .036  | -.398  |
| 45 | 2529 | .252   | .140  | .211  | -.790  |
| 45 | 2530 | .188   | .054  | .002  | -.472  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|----|-------|--------|-------|-------|-------|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|-------|
| 45 | 25331 | .030   | .062  | .146  | .286  | 45 | 2714 | .254   | .106  | .127  | .612  | 45 | 2839 | .041   | .071  | .415  | .154  |
| 45 | 25332 | .244   | .126  | .150  | .757  | 45 | 2715 | .232   | .132  | .069  | .838  | 45 | 2840 | .164   | .055  | .346  | .025  |
| 45 | 26001 | .181   | .127  | .597  | .233  | 45 | 2716 | .294   | .120  | .044  | .891  | 45 | 2841 | .190   | .046  | .022  | .401  |
| 45 | 26002 | .251   | .123  | .631  | .184  | 45 | 2717 | .759   | .230  | .151  | .557  | 45 | 2842 | .336   | .099  | .035  | .797  |
| 45 | 26003 | .264   | .124  | .611  | .163  | 45 | 2718 | .824   | .223  | .261  | .592  | 45 | 2843 | .045   | .062  | .291  | .186  |
| 45 | 26004 | .241   | .123  | .589  | .143  | 45 | 2719 | .793   | .189  | .296  | .554  | 45 | 2844 | .214   | .040  | .331  | .032  |
| 45 | 26005 | .244   | .124  | .604  | .103  | 45 | 2720 | .455   | .099  | .833  | .176  | 45 | 2845 | .193   | .041  | .017  | .335  |
| 45 | 26006 | .200   | .126  | .598  | .236  | 45 | 2721 | .313   | .069  | .131  | .702  | 45 | 2846 | .152   | .048  | .042  | .363  |
| 45 | 26007 | .323   | .142  | .772  | .130  | 45 | 2722 | .325   | .075  | .107  | .730  | 45 | 2847 | .117   | .084  | .500  | .114  |
| 45 | 26008 | .327   | .136  | .729  | .071  | 45 | 2723 | .245   | .115  | .099  | .793  | 45 | 2848 | .122   | .065  | .032  | .422  |
| 45 | 26009 | .292   | .135  | .725  | .288  | 45 | 2724 | .193   | .159  | .549  | .760  | 45 | 2849 | .021   | .098  | .301  | .440  |
| 45 | 26110 | .548   | .162  | .018  | .065  | 45 | 2725 | .296   | .164  | .959  | .087  | 45 | 2850 | .001   | .052  | .263  | .134  |
| 45 | 26111 | .618   | .164  | .080  | .150  | 45 | 2801 | .073   | .142  | .435  | .598  | 45 | 2851 | .119   | .033  | .077  | .225  |
| 45 | 26112 | .558   | .160  | .076  | .171  | 45 | 2802 | .055   | .164  | .619  | .699  | 45 | 2851 | .119   | .033  | .077  | .225  |
| 45 | 26113 | .325   | .134  | .785  | .053  | 45 | 2803 | .041   | .104  | .277  | .603  | 45 | 2852 | .172   | .032  | .053  | .305  |
| 45 | 26114 | .127   | .127  | .638  | .156  | 45 | 2804 | .085   | .067  | .189  | .328  | 45 | 2853 | .181   | .035  | .025  | .324  |
| 45 | 26115 | .446   | .144  | .957  | .070  | 45 | 2805 | .236   | .055  | .052  | .457  | 45 | 2854 | .126   | .032  | .000  | .221  |
| 45 | 26116 | .508   | .151  | .035  | .099  | 45 | 2806 | .497   | .114  | .239  | .104  | 45 | 2855 | .094   | .032  | .018  | .200  |
| 45 | 26117 | .500   | .146  | .928  | .103  | 45 | 2807 | .328   | .072  | .684  | .098  | 45 | 2856 | .080   | .039  | .078  | .195  |
| 45 | 26118 | .285   | .136  | .678  | .119  | 45 | 2808 | .183   | .069  | .097  | .505  | 45 | 2857 | .286   | .122  | .042  | .865  |
| 45 | 26119 | .110   | .120  | .629  | .213  | 45 | 2809 | .079   | .086  | .293  | .464  | 45 | 2858 | .240   | .082  | .088  | .864  |
| 45 | 26120 | .336   | .140  | .811  | .036  | 45 | 2810 | .063   | .143  | .654  | .554  | 45 | 2859 | .229   | .096  | .011  | .237  |
| 45 | 26121 | .432   | .150  | .900  | .033  | 45 | 2811 | .103   | .079  | .169  | .480  | 45 | 2860 | .205   | .097  | .110  | .467  |
| 45 | 26122 | .402   | .140  | .842  | .055  | 45 | 2812 | .022   | .067  | .381  | .172  | 45 | 2861 | .202   | .076  | .021  | .756  |
| 45 | 26223 | .207   | .126  | .596  | .140  | 45 | 2813 | .241   | .051  | .050  | .467  | 45 | 2862 | .256   | .062  | .078  | .488  |
| 45 | 26224 | .005   | .098  | .380  | .278  | 45 | 2814 | .471   | .091  | .224  | .935  | 45 | 2863 | .314   | .169  | .223  | .155  |
| 45 | 26225 | .199   | .101  | .674  | .095  | 45 | 2815 | .319   | .068  | .672  | .103  | 45 | 2864 | .244   | .064  | .041  | .490  |
| 45 | 26226 | .237   | .106  | .680  | .022  | 45 | 2816 | .177   | .054  | .024  | .389  | 45 | 2865 | .156   | .051  | .023  | .389  |
| 45 | 26227 | .268   | .116  | .749  | .003  | 45 | 2817 | .113   | .066  | .149  | .353  | 45 | 2866 | .204   | .046  | .021  | .373  |
| 45 | 26228 | .159   | .119  | .640  | .112  | 45 | 2818 | .028   | .085  | .420  | .251  | 45 | 2867 | .066   | .079  | .221  | .386  |
| 45 | 26229 | .008   | .091  | .446  | .283  | 45 | 2819 | .115   | .086  | .206  | .542  | 45 | 2868 | .206   | .064  | .009  | .465  |
| 45 | 26230 | .160   | .090  | .636  | .107  | 45 | 2820 | .047   | .065  | .350  | .134  | 45 | 2869 | .127   | .051  | .039  | .329  |
| 45 | 26311 | .163   | .075  | .471  | .010  | 45 | 2821 | .268   | .054  | .089  | .566  | 45 | 2870 | .085   | .069  | .180  | .306  |
| 45 | 26312 | .199   | .093  | .581  | .020  | 45 | 2822 | .547   | .131  | .171  | .228  | 45 | 2871 | .164   | .053  | .000  | .400  |
| 45 | 26313 | .225   | .093  | .617  | .013  | 45 | 2823 | .288   | .065  | .109  | .604  | 45 | 2872 | .212   | .057  | .055  | .468  |
| 45 | 26314 | .233   | .094  | .715  | .010  | 45 | 2824 | .195   | .047  | .414  | .027  | 45 | 2873 | .232   | .059  | .076  | .464  |
| 45 | 26315 | .213   | .088  | .692  | .028  | 45 | 2825 | .100   | .051  | .097  | .296  | 60 | 101  | .270   | .157  | .273  | .996  |
| 45 | 27001 | .283   | .067  | .681  | .108  | 45 | 2826 | .028   | .095  | .363  | .335  | 60 | 102  | .345   | .192  | .266  | .127  |
| 45 | 27002 | .299   | .073  | .056  | .627  | 45 | 2827 | .043   | .091  | .390  | .204  | 60 | 103  | .432   | .239  | .198  | .324  |
| 45 | 27003 | .304   | .065  | .122  | .559  | 45 | 2828 | .027   | .060  | .157  | .390  | 60 | 104  | .564   | .191  | .125  | .326  |
| 45 | 27004 | .173   | .088  | .119  | .525  | 45 | 2829 | .230   | .045  | .080  | .401  | 60 | 105  | .341   | .123  | .042  | .877  |
| 45 | 27005 | .197   | .094  | .698  | .132  | 45 | 2830 | .477   | .078  | .286  | .795  | 60 | 106  | .281   | .106  | .017  | .792  |
| 45 | 27006 | .274   | .093  | .058  | .712  | 45 | 2831 | .249   | .041  | .094  | .420  | 60 | 107  | .166   | .076  | .038  | .495  |
| 45 | 27007 | .370   | .105  | .060  | .843  | 45 | 2832 | .205   | .044  | .382  | .044  | 60 | 108  | .162   | .077  | .090  | .452  |
| 45 | 27008 | .221   | .078  | .134  | .559  | 45 | 2833 | .124   | .043  | .041  | .272  | 60 | 109  | .181   | .101  | .212  | .609  |
| 45 | 27009 | .149   | .127  | .311  | .622  | 45 | 2834 | .113   | .055  | .109  | .305  | 60 | 110  | .200   | .087  | .090  | .644  |
| 45 | 27110 | .214   | .121  | .204  | .740  | 45 | 2835 | .090   | .080  | .470  | .117  | 60 | 111  | .217   | .091  | .072  | .650  |
| 45 | 27111 | .333   | .091  | .760  | .032  | 45 | 2836 | .255   | .044  | .436  | .078  | 60 | 112  | .395   | .152  | .045  | .968  |
| 45 | 27112 | .433   | .115  | .000  | .916  | 45 | 2837 | .133   | .036  | .014  | .244  | 60 | 201  | .419   | .096  | .090  | .774  |
| 45 | 27113 | .386   | .079  | .151  | .797  | 45 | 2838 | .116   | .053  | .094  | .288  | 60 | 202  | .428   | .101  | .087  | .779  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 60 | 203  | .329   | .085  | -.042 | -.660  |
| 60 | 204  | -.246  | .080  | -.010 | -.588  |
| 60 | 205  | -.323  | .087  | -.031 | -.693  |
| 60 | 206  | -.557  | .191  | -.090 | -1.278 |
| 60 | 207  | -.449  | .103  | -.147 | -1.175 |
| 60 | 208  | -.432  | .087  | -.148 | -.938  |
| 60 | 209  | -.397  | .076  | -.182 | -.804  |
| 60 | 210  | -.441  | .087  | -.133 | -.801  |
| 60 | 211  | -.474  | .102  | -.142 | -.890  |
| 60 | 212  | -.387  | .100  | -.022 | -1.016 |
| 60 | 1101 | -.235  | .106  | -.104 | -.839  |
| 60 | 1102 | -.216  | .144  | -.267 | -.946  |
| 60 | 1103 | -.291  | .164  | -.280 | -.858  |
| 60 | 1104 | -.358  | .219  | -.415 | -1.192 |
| 60 | 1105 | -.229  | .159  | -.378 | -.900  |
| 60 | 1106 | -.230  | .137  | -.264 | -.782  |
| 60 | 1107 | -.352  | .203  | -.261 | -1.219 |
| 60 | 1108 | -.244  | .097  | -.121 | -.748  |
| 60 | 1109 | -.435  | .237  | -.308 | -1.498 |
| 60 | 1110 | -.364  | .141  | -.074 | -1.089 |
| 60 | 1111 | -.363  | .188  | -.189 | -1.248 |
| 60 | 1112 | -.419  | .189  | -.144 | -1.217 |
| 60 | 1113 | -.439  | .170  | -.359 | -1.288 |
| 60 | 1114 | -.373  | .167  | -.105 | -1.058 |
| 60 | 1115 | -.429  | .176  | -.124 | -1.300 |
| 60 | 1116 | -.445  | .168  | -.107 | -1.442 |
| 60 | 1117 | -.427  | .144  | -.054 | -1.043 |
| 60 | 1118 | -.342  | .147  | -.026 | -.986  |
| 60 | 1119 | -.422  | .178  | -.098 | -1.358 |
| 60 | 1120 | -.475  | .175  | -.036 | -1.586 |
| 60 | 1121 | -.530  | .176  | -.122 | -1.571 |
| 60 | 1122 | -.289  | .082  | -.074 | -.678  |
| 60 | 1123 | -.238  | .115  | -.201 | -.695  |
| 60 | 1124 | -.282  | .120  | -.121 | -.770  |
| 60 | 1125 | -.763  | .348  | -.058 | -2.299 |
| 60 | 1126 | -.281  | .072  | -.071 | -.639  |
| 60 | 1127 | -.276  | .073  | -.065 | -.590  |
| 60 | 1128 | -.270  | .088  | -.140 | -.580  |
| 60 | 1129 | -.403  | .166  | -.131 | -.998  |
| 60 | 1130 | -.125  | .104  | -.245 | -.549  |
| 60 | 1201 | -.143  | .207  | -.576 | -.808  |
| 60 | 1202 | -.085  | .219  | -.895 | -.796  |
| 60 | 1203 | -.088  | .192  | -.655 | -.707  |
| 60 | 1204 | -.115  | .175  | -.685 | -.618  |
| 60 | 1205 | -.136  | .165  | -.626 | -.605  |
| 60 | 1206 | -.180  | .223  | -.537 | -1.044 |
| 60 | 1207 | -.215  | .175  | -.667 | -.732  |
| 60 | 1208 | -.246  | .208  | -.661 | -1.326 |
| 60 | 1209 | -.266  | .120  | -.186 | -.717  |
| 60 | 1210 | -.122  | .097  | -.298 | -.585  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 60 | 1211 | -.063  | .096  | .317  | -.478  |
| 60 | 1212 | -.084  | .128  | .366  | -.694  |
| 60 | 1213 | -.349  | .286  | .378  | -1.420 |
| 60 | 1214 | -.238  | .104  | .197  | -.637  |
| 60 | 1215 | -.080  | .085  | .453  | -.341  |
| 60 | 1216 | -.042  | .077  | .359  | -.276  |
| 60 | 1217 | .003   | .089  | .378  | -.363  |
| 60 | 1218 | -.171  | .231  | .419  | -1.115 |
| 60 | 1219 | .219   | .094  | .126  | -.574  |
| 60 | 1220 | -.068  | .079  | .250  | -.376  |
| 60 | 1221 | .020   | .078  | .378  | -.179  |
| 60 | 1222 | .062   | .083  | .429  | -.199  |
| 60 | 1223 | .030   | .151  | .583  | -.620  |
| 60 | 1224 | .220   | .104  | .143  | -.556  |
| 60 | 1225 | .022   | .073  | .258  | -.284  |
| 60 | 1226 | .008   | .081  | .386  | -.331  |
| 60 | 1227 | .021   | .084  | .413  | -.259  |
| 60 | 1228 | .033   | .138  | .492  | -.559  |
| 60 | 1229 | -.064  | .088  | .237  | -.454  |
| 60 | 1230 | .125   | .101  | .536  | -.386  |
| 60 | 1231 | .052   | .105  | .429  | -.550  |
| 60 | 1232 | .038   | .104  | .319  | -.582  |
| 60 | 1233 | .034   | .092  | .306  | -.409  |
| 60 | 1234 | .021   | .097  | .376  | -.414  |
| 60 | 1235 | .319   | .167  | 1.063 | -.161  |
| 60 | 1236 | .216   | .137  | .923  | -.279  |
| 60 | 1237 | .086   | .169  | .458  | -.938  |
| 60 | 1238 | .091   | .147  | .313  | -1.205 |
| 60 | 1239 | .004   | .104  | .430  | -.366  |
| 60 | 1240 | .284   | .167  | 1.135 | -.136  |
| 60 | 1241 | .023   | .091  | .394  | -.337  |
| 60 | 1242 | .033   | .098  | .324  | -.377  |
| 60 | 1301 | .041   | .215  | .867  | -.671  |
| 60 | 1302 | .095   | .229  | 1.075 | -.577  |
| 60 | 1303 | .193   | .220  | .850  | -.586  |
| 60 | 1304 | .198   | .210  | .826  | -.689  |
| 60 | 1305 | .422   | .286  | .657  | -1.443 |
| 60 | 1306 | .170   | .241  | .865  | -.551  |
| 60 | 1307 | .311   | .256  | 1.038 | -.496  |
| 60 | 1308 | .071   | .203  | .748  | -.618  |
| 60 | 1309 | .272   | .235  | .876  | -.763  |
| 60 | 1310 | .108   | .184  | .637  | -.596  |
| 60 | 1311 | .392   | .215  | 1.002 | -.363  |
| 60 | 1312 | .453   | .217  | 1.108 | -.450  |
| 60 | 1313 | .273   | .203  | .862  | -.860  |
| 60 | 1314 | .267   | .150  | .780  | -.324  |
| 60 | 1315 | .484   | .157  | .983  | -.126  |
| 60 | 1316 | .501   | .158  | 1.016 | -.180  |
| 60 | 1317 | .325   | .133  | .808  | -.267  |
| 60 | 1318 | .296   | .137  | .832  | -.131  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 60 | 1319 | .407   | .149  | .905  | -.045  |
| 60 | 1320 | .398   | .147  | .886  | -.071  |
| 60 | 1321 | .178   | .109  | .591  | -.201  |
| 60 | 1322 | .158   | .121  | .579  | -.184  |
| 60 | 1323 | .226   | .126  | .615  | -.102  |
| 60 | 1324 | .209   | .121  | .620  | -.123  |
| 60 | 1325 | .064   | .126  | .723  | -.369  |
| 60 | 1326 | .254   | .124  | .825  | -.241  |
| 60 | 1327 | .239   | .117  | .722  | -.150  |
| 60 | 1328 | .079   | .120  | .526  | -.251  |
| 60 | 1329 | .008   | .121  | .458  | -.395  |
| 60 | 1330 | .007   | .080  | .324  | -.236  |
| 60 | 1331 | .079   | .086  | .316  | -.325  |
| 60 | 1332 | .068   | .050  | .128  | -.246  |
| 60 | 1401 | .583   | .209  | -.111 | -1.760 |
| 60 | 1402 | .543   | .186  | -.091 | -1.769 |
| 60 | 1403 | .495   | .161  | -.078 | -1.460 |
| 60 | 1404 | .432   | .142  | -.009 | -1.104 |
| 60 | 1405 | .390   | .132  | .007  | -1.091 |
| 60 | 1406 | .356   | .119  | .012  | -.896  |
| 60 | 1407 | .363   | .223  | -.109 | -1.410 |
| 60 | 1408 | .313   | .099  | -.021 | -1.720 |
| 60 | 1409 | .461   | .196  | -.097 | -1.590 |
| 60 | 1410 | .456   | .182  | .026  | -1.616 |
| 60 | 1411 | .433   | .146  | .081  | -1.092 |
| 60 | 1412 | .405   | .137  | .019  | -.995  |
| 60 | 1413 | .422   | .145  | .009  | -.995  |
| 60 | 1414 | .438   | .125  | -.160 | -1.306 |
| 60 | 1415 | .465   | .132  | -.140 | -1.228 |
| 60 | 1416 | .472   | .138  | -.057 | -1.220 |
| 60 | 1417 | .457   | .127  | -.071 | -1.091 |
| 60 | 1418 | .470   | .143  | -.041 | -1.075 |
| 60 | 1419 | .512   | .117  | -.209 | -1.007 |
| 60 | 1420 | .516   | .123  | -.201 | -1.080 |
| 60 | 1421 | .522   | .132  | -.130 | -1.236 |
| 60 | 1422 | .492   | .133  | -.098 | -1.132 |
| 60 | 1423 | .474   | .130  | -.102 | -1.085 |
| 60 | 1424 | .603   | .180  | -.227 | -1.800 |
| 60 | 1425 | .535   | .168  | -.163 | -1.278 |
| 60 | 1426 | .435   | .148  | -.072 | -1.023 |
| 60 | 1427 | .322   | .092  | -.045 | -.871  |
| 60 | 1428 | .318   | .083  | -.026 | -.696  |
| 60 | 1429 | .401   | .116  | -.099 | -1.035 |
| 60 | 1430 | .188   | .062  | -.010 | -.482  |
| 60 | 1431 | .222   | .049  | -.057 | -.418  |
| 60 | 1432 | .198   | .044  | -.052 | -.349  |
| 60 | 1433 | .183   | .044  | -.021 | -.345  |
| 60 | 1434 | .198   | .052  | .007  | -.372  |
| 60 | 1435 | .141   | .051  | .052  | -.313  |
| 60 | 1501 | .349   | .115  | -.066 | -.876  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| UD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | UD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | UD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|-------|
| 60 | 1502 | .383   | .132  | .046  | -1.044 | 60 | 1620 | .337   | .073  | .148  | -.721  | 60 | 1810 | .192   | .052  | -.042 | -.472 |
| 60 | 1503 | .379   | .134  | .070  | -.994  | 60 | 1621 | .328   | .066  | .107  | -.610  | 60 | 1811 | .269   | .069  | .576  | .076  |
| 60 | 1504 | .401   | .122  | .066  | -.892  | 60 | 1622 | .305   | .077  | .109  | -.666  | 60 | 1812 | .148   | .060  | .000  | .573  |
| 60 | 1505 | .290   | .074  | .066  | -.643  | 60 | 1623 | .305   | .098  | .046  | -.744  | 60 | 1813 | .266   | .072  | -.074 | .888  |
| 60 | 1506 | .300   | .085  | .074  | -.854  | 60 | 1624 | .341   | .088  | .106  | -.850  | 60 | 1814 | .146   | .040  | .021  | .307  |
| 60 | 1507 | .298   | .086  | .068  | -.770  | 60 | 1625 | .325   | .072  | .123  | -.643  | 60 | 1815 | .043   | .054  | .242  | .180  |
| 60 | 1508 | .372   | .129  | .066  | -1.146 | 60 | 1626 | .358   | .085  | .173  | -.878  | 60 | 1816 | .001   | .074  | .368  | .283  |
| 60 | 1509 | .287   | .078  | .066  | -.733  | 60 | 1627 | .360   | .092  | .125  | -.876  | 60 | 1817 | .004   | .109  | .542  | .316  |
| 60 | 1510 | .342   | .102  | .052  | -.854  | 60 | 1628 | .348   | .096  | .104  | -.881  | 60 | 1818 | .163   | .064  | .120  | .476  |
| 60 | 1511 | .305   | .084  | .077  | -.757  | 60 | 1629 | .227   | .089  | .079  | -.715  | 60 | 1819 | .217   | .059  | .484  | .025  |
| 60 | 1512 | .367   | .111  | .073  | -.932  | 60 | 1630 | .433   | .129  | .144  | -1.271 | 60 | 1820 | .100   | .053  | .076  | .337  |
| 60 | 1513 | .309   | .077  | .063  | -.663  | 60 | 1631 | .228   | .076  | .044  | -.755  | 60 | 1821 | .250   | .086  | .030  | .779  |
| 60 | 1514 | .333   | .075  | .107  | -.590  | 60 | 1632 | .257   | .060  | -.066 | -.509  | 60 | 1822 | .143   | .047  | .332  | .071  |
| 60 | 1515 | .339   | .084  | .086  | -.744  | 60 | 1633 | .306   | .064  | .112  | -.558  | 60 | 1823 | .030   | .052  | .187  | .190  |
| 60 | 1516 | .428   | .113  | .091  | -.894  | 60 | 1634 | .314   | .067  | .085  | -.542  | 60 | 1824 | .004   | .065  | .302  | .293  |
| 60 | 1517 | .360   | .086  | .090  | -.810  | 60 | 1635 | .346   | .076  | .129  | -.634  | 60 | 1825 | .007   | .097  | .403  | .433  |
| 60 | 1518 | .363   | .084  | .085  | -.712  | 60 | 1701 | .051   | .082  | .196  | -.415  | 60 | 1826 | .146   | .087  | .186  | .611  |
| 60 | 1519 | .388   | .095  | .116  | -.781  | 60 | 1702 | .132   | .058  | .074  | -.442  | 60 | 1827 | .236   | .051  | .079  | .444  |
| 60 | 1520 | .455   | .120  | .139  | -1.250 | 60 | 1703 | .104   | .056  | .142  | -.372  | 60 | 1828 | .094   | .045  | .263  | .041  |
| 60 | 1521 | .405   | .106  | .120  | -.980  | 60 | 1704 | .125   | .160  | .331  | -.936  | 60 | 1829 | .188   | .058  | .009  | .412  |
| 60 | 1522 | .415   | .114  | .079  | -.992  | 60 | 1705 | .059   | .101  | .836  | -.274  | 60 | 1830 | .133   | .038  | .002  | .263  |
| 60 | 1523 | .400   | .106  | .105  | -.887  | 60 | 1706 | .061   | .076  | .230  | -.435  | 60 | 1831 | .035   | .046  | .166  | .217  |
| 60 | 1524 | .347   | .113  | .031  | -.830  | 60 | 1707 | .053   | .079  | .220  | -.640  | 60 | 1832 | .016   | .055  | .267  | .207  |
| 60 | 1525 | .325   | .115  | .066  | -.862  | 60 | 1708 | .144   | .076  | .170  | -.646  | 60 | 1833 | .011   | .079  | .313  | .373  |
| 60 | 1526 | .357   | .143  | .013  | -1.033 | 60 | 1709 | .188   | .053  | .055  | -.476  | 60 | 1834 | .149   | .099  | .146  | .686  |
| 60 | 1527 | .321   | .108  | .031  | -.834  | 60 | 1710 | .185   | .049  | .044  | -.388  | 60 | 1835 | .208   | .057  | .037  | .444  |
| 60 | 1528 | .224   | .094  | .002  | -.655  | 60 | 1711 | .220   | .192  | .164  | -.253  | 60 | 1836 | .190   | .055  | .438  | .055  |
| 60 | 1529 | .191   | .068  | .039  | -.534  | 60 | 1712 | .025   | .072  | .274  | -.301  | 60 | 1837 | .002   | .049  | .210  | .186  |
| 60 | 1530 | .195   | .078  | .007  | -.660  | 60 | 1713 | .027   | .092  | .293  | -.528  | 60 | 1838 | .136   | .088  | .142  | .546  |
| 60 | 1531 | .159   | .054  | .519  | .023   | 60 | 1714 | .182   | .090  | .106  | -.710  | 60 | 1839 | .142   | .047  | .018  | .335  |
| 60 | 1532 | .153   | .058  | .018  | -.438  | 60 | 1715 | .218   | .060  | .654  | .065   | 60 | 1840 | .150   | .041  | .355  | .005  |
| 60 | 1601 | .277   | .078  | .031  | -.654  | 60 | 1716 | .400   | .155  | .113  | -1.042 | 60 | 1841 | .021   | .056  | .191  | .225  |
| 60 | 1602 | .274   | .067  | .066  | -.603  | 60 | 1717 | .013   | .113  | .456  | -.327  | 60 | 1842 | .072   | .078  | .291  | .372  |
| 60 | 1603 | .271   | .068  | .061  | -.610  | 60 | 1718 | .055   | .117  | .388  | -.423  | 60 | 1843 | .136   | .046  | .012  | .421  |
| 60 | 1604 | .279   | .070  | .075  | -.591  | 60 | 1719 | .035   | .129  | .458  | -.518  | 60 | 1844 | .114   | .043  | .394  | .074  |
| 60 | 1605 | .271   | .073  | .070  | -.624  | 60 | 1720 | .025   | .078  | .309  | -.341  | 60 | 1845 | .018   | .053  | .283  | .182  |
| 60 | 1606 | .176   | .094  | .181  | -.553  | 60 | 1721 | .060   | .103  | .251  | -.649  | 60 | 1846 | .040   | .072  | .314  | .435  |
| 60 | 1607 | .284   | .068  | .103  | -.660  | 60 | 1722 | .096   | .110  | .293  | -.604  | 60 | 1847 | .274   | .061  | -.042 | .520  |
| 60 | 1608 | .283   | .072  | .062  | -.664  | 60 | 1723 | .258   | .145  | .146  | -1.047 | 60 | 1848 | .299   | .064  | .574  | .127  |
| 60 | 1609 | .281   | .054  | .114  | -.545  | 60 | 1724 | .210   | .061  | .682  | .028   | 60 | 1849 | .196   | .050  | .062  | .391  |
| 60 | 1610 | .284   | .053  | .107  | -.476  | 60 | 1725 | .201   | .061  | .035  | -.647  | 60 | 1850 | .089   | .045  | .093  | .272  |
| 60 | 1611 | .296   | .067  | .136  | -.582  | 60 | 1801 | .300   | .073  | .098  | -.625  | 60 | 1851 | .123   | .034  | .258  | .013  |
| 60 | 1612 | .307   | .079  | .111  | -.629  | 60 | 1802 | .300   | .073  | .111  | -.620  | 60 | 1852 | .123   | .034  | .258  | .013  |
| 60 | 1613 | .300   | .093  | .037  | -.733  | 60 | 1803 | .335   | .090  | .726  | .088   | 60 | 1853 | .073   | .029  | .042  | .184  |
| 60 | 1614 | .335   | .072  | .074  | -.701  | 60 | 1804 | .335   | .169  | .018  | -1.344 | 60 | 1854 | .086   | .036  | .086  | .188  |
| 60 | 1615 | .305   | .060  | .094  | -.588  | 60 | 1805 | .327   | .111  | .072  | -.848  | 60 | 1855 | .003   | .042  | .181  | .174  |
| 60 | 1616 | .302   | .059  | .100  | -.547  | 60 | 1806 | .145   | .056  | .074  | -.647  | 60 | 1856 | .030   | .060  | .243  | .256  |
| 60 | 1617 | .299   | .086  | .081  | -.704  | 60 | 1807 | .028   | .068  | .265  | -.297  | 60 | 1857 | .016   | .054  | .191  | .166  |
| 60 | 1618 | .320   | .106  | .026  | -.931  | 60 | 1808 | .026   | .087  | .370  | -.301  | 60 | 1858 | .197   | .045  | .083  | .498  |
| 60 | 1619 | .368   | .092  | .138  | -.812  | 60 | 1809 | .134   | .092  | .416  | -.474  | 60 | 1859 | .124   | .054  | .073  | .398  |

## APPENDIX A -- PRESSURE DATA:

ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|--------|
| 60 | 1859 | -.000  | .000  | .000  | -.000  | 60 | 2206 | -.286  | .080  | -.051 | -1.023 | 60 | 2314 | -.306  | .054  | -.155 | -.498  |
| 60 | 1860 | -.067  | .084  | .470  | -.565  | 60 | 2207 | -.331  | .069  | -.113 | -.609  | 60 | 2315 | -.303  | .055  | -.120 | -.531  |
| 60 | 1861 | -.066  | .090  | .365  | -.475  | 60 | 2208 | -.294  | .077  | -.010 | -.707  | 60 | 2316 | -.285  | .059  | -.124 | -.514  |
| 60 | 1862 | -.074  | .112  | .567  | -.315  | 60 | 2209 | -.360  | .074  | -.127 | -.725  | 60 | 2317 | -.305  | .072  | -.054 | -.716  |
| 60 | 1863 | -.189  | .032  | .439  | -.360  | 60 | 2210 | -.334  | .061  | -.150 | -.602  | 60 | 2318 | -.300  | .059  | -.101 | -.644  |
| 60 | 1864 | -.116  | .030  | .059  | -.360  | 60 | 2211 | -.301  | .052  | -.142 | -.472  | 60 | 2319 | -.298  | .059  | -.102 | -.680  |
| 60 | 1865 | -.061  | .060  | .217  | -.311  | 60 | 2212 | -.302  | .053  | -.119 | -.477  | 60 | 2320 | -.280  | .065  | -.091 | -.773  |
| 60 | 1866 | -.031  | .057  | .196  | -.200  | 60 | 2213 | -.306  | .060  | -.037 | -.510  | 60 | 2321 | -.323  | .081  | -.043 | -.734  |
| 60 | 1867 | -.148  | .040  | .308  | -.025  | 60 | 2214 | -.414  | .131  | -.077 | -1.419 | 60 | 2322 | -.300  | .060  | -.132 | -.608  |
| 60 | 1868 | -.093  | .044  | .078  | -.257  | 60 | 2215 | -.352  | .101  | -.080 | -1.002 | 60 | 2323 | -.296  | .057  | -.138 | -.551  |
| 60 | 1869 | -.033  | .061  | .274  | -.204  | 60 | 2216 | -.347  | .082  | -.123 | -.782  | 60 | 2324 | -.281  | .061  | -.133 | -.563  |
| 60 | 1870 | -.014  | .051  | .313  | -.132  | 60 | 2217 | -.340  | .063  | -.097 | -.632  | 60 | 2325 | -.313  | .093  | -.072 | -.813  |
| 60 | 1871 | -.020  | .057  | .178  | -.266  | 60 | 2218 | -.326  | .066  | -.039 | -.762  | 60 | 2326 | -.284  | .065  | -.004 | -.649  |
| 60 | 1872 | -.017  | .071  | .304  | -.338  | 60 | 2219 | -.434  | .147  | -.026 | -1.092 | 60 | 2327 | -.279  | .060  | -.120 | -.558  |
| 60 | 1873 | -.078  | .108  | .629  | -.287  | 60 | 2220 | -.434  | .126  | -.029 | -1.053 | 60 | 2328 | -.260  | .063  | -.055 | -.616  |
| 60 | 2101 | -.366  | .066  | -.151 | -.693  | 60 | 2221 | -.351  | .074  | -.117 | -.637  | 60 | 2329 | -.336  | .095  | -.126 | -1.400 |
| 60 | 2102 | -.358  | .069  | -.146 | -.730  | 60 | 2222 | -.323  | .066  | -.121 | -.641  | 60 | 2330 | -.252  | .086  | -.105 | -.597  |
| 60 | 2103 | -.399  | .089  | -.010 | -.911  | 60 | 2223 | -.294  | .060  | -.125 | -.550  | 60 | 2331 | -.336  | .103  | -.064 | -1.127 |
| 60 | 2104 | -.402  | .107  | -.065 | -1.180 | 60 | 2224 | -.273  | .119  | -.019 | -.871  | 60 | 2332 | -.131  | .071  | -.383 | -.346  |
| 60 | 2105 | -.425  | .087  | -.198 | -.958  | 60 | 2225 | -.245  | .080  | -.012 | -.607  | 60 | 2401 | -.214  | .055  | -.025 | -.473  |
| 60 | 2106 | -.344  | .063  | -.166 | -.794  | 60 | 2226 | -.248  | .069  | -.007 | -.537  | 60 | 2402 | -.195  | .050  | -.038 | -.462  |
| 60 | 2107 | -.420  | .085  | -.145 | -.862  | 60 | 2227 | -.266  | .065  | -.083 | -.505  | 60 | 2403 | -.217  | .053  | -.059 | -.517  |
| 60 | 2108 | -.336  | .056  | -.181 | -.692  | 60 | 2228 | -.267  | .055  | -.128 | -.540  | 60 | 2404 | -.236  | .063  | -.062 | -.585  |
| 60 | 2109 | -.376  | .096  | -.097 | -1.099 | 60 | 2229 | -.199  | .075  | -.027 | -.577  | 60 | 2405 | -.397  | .122  | -.119 | -1.110 |
| 60 | 2110 | -.316  | .063  | -.085 | -.794  | 60 | 2230 | -.203  | .068  | -.019 | -.464  | 60 | 2406 | -.062  | .246  | -.294 | -1.865 |
| 60 | 2111 | -.346  | .070  | -.035 | -.975  | 60 | 2231 | -.189  | .059  | -.021 | -.451  | 60 | 2407 | -.212  | .054  | -.064 | -.467  |
| 60 | 2112 | -.357  | .081  | -.065 | -1.030 | 60 | 2232 | -.209  | .068  | -.058 | -.496  | 60 | 2408 | -.869  | .211  | -.213 | -1.553 |
| 60 | 2113 | -.372  | .109  | -.090 | -1.168 | 60 | 2233 | -.284  | .061  | -.122 | -.645  | 60 | 2409 | -.241  | .064  | -.020 | -.806  |
| 60 | 2114 | -.400  | .108  | -.065 | -1.077 | 60 | 2234 | -.254  | .049  | -.123 | -.515  | 60 | 2410 | -.232  | .118  | -.088 | -.898  |
| 60 | 2115 | -.435  | .114  | -.087 | -1.032 | 60 | 2235 | -.128  | .067  | -.122 | -.347  | 60 | 2411 | -.593  | .276  | -.036 | -1.606 |
| 60 | 2116 | -.446  | .133  | -.036 | -1.069 | 60 | 2236 | -.121  | .060  | -.119 | -.325  | 60 | 2412 | -.755  | .216  | -.011 | -1.673 |
| 60 | 2117 | -.455  | .150  | -.052 | -1.264 | 60 | 2237 | -.133  | .092  | -.279 | -.420  | 60 | 2413 | -.828  | .161  | -.263 | -1.463 |
| 60 | 2118 | -.530  | .142  | -.140 | -1.813 | 60 | 2238 | -.222  | .061  | -.047 | -.476  | 60 | 2414 | -.276  | .109  | -.027 | -.940  |
| 60 | 2119 | -.535  | .149  | -.087 | -1.352 | 60 | 2239 | -.225  | .061  | -.007 | -.446  | 60 | 2415 | -.303  | .177  | -.138 | -1.021 |
| 60 | 2120 | -.492  | .157  | -.218 | -1.511 | 60 | 2240 | -.123  | .057  | -.074 | -.402  | 60 | 2416 | -.387  | .245  | -.133 | -1.232 |
| 60 | 2121 | -.505  | .157  | -.041 | -1.117 | 60 | 2241 | -.183  | .058  | -.007 | -.576  | 60 | 2417 | -.695  | .227  | -.005 | -1.546 |
| 60 | 2122 | -.609  | .250  | -.033 | -1.779 | 60 | 2242 | -.224  | .057  | -.060 | -.505  | 60 | 2418 | -.732  | .167  | -.211 | -1.490 |
| 60 | 2123 | -.384  | .224  | -.140 | -1.259 | 60 | 2301 | -.283  | .078  | -.054 | -.678  | 60 | 2419 | -.304  | .122  | -.007 | -.980  |
| 60 | 2124 | -.267  | .165  | -.138 | -.989  | 60 | 2302 | -.269  | .090  | -.034 | -.886  | 60 | 2420 | -.309  | .162  | -.075 | -.984  |
| 60 | 2125 | -.277  | .106  | -.000 | -.693  | 60 | 2303 | -.247  | .070  | -.036 | -.592  | 60 | 2421 | -.472  | .214  | -.101 | -1.283 |
| 60 | 2126 | -.375  | .189  | -.162 | -1.462 | 60 | 2304 | -.226  | .067  | -.016 | -.574  | 60 | 2422 | -.549  | .207  | -.092 | -1.526 |
| 60 | 2127 | -.303  | .195  | -.240 | -1.100 | 60 | 2305 | -.311  | .092  | -.054 | -.702  | 60 | 2423 | -.612  | .171  | -.025 | -1.465 |
| 60 | 2128 | -.249  | .112  | -.121 | -.721  | 60 | 2306 | -.265  | .076  | -.067 | -.673  | 60 | 2424 | -.253  | .088  | -.004 | -.700  |
| 60 | 2129 | -.298  | .155  | -.054 | -1.175 | 60 | 2307 | -.261  | .076  | -.052 | -.606  | 60 | 2425 | -.277  | .122  | -.016 | -1.107 |
| 60 | 2130 | -.029  | .128  | -.462 | -.557  | 60 | 2308 | -.263  | .072  | -.064 | -.654  | 60 | 2426 | -.304  | .146  | -.011 | -1.189 |
| 60 | 2201 | -.383  | .079  | -.140 | -.815  | 60 | 2309 | -.279  | .078  | -.038 | -.594  | 60 | 2427 | -.419  | .154  | -.034 | -1.121 |
| 60 | 2202 | -.365  | .080  | -.075 | -.812  | 60 | 2310 | -.283  | .065  | -.049 | -.794  | 60 | 2428 | -.432  | .151  | -.073 | -1.148 |
| 60 | 2203 | -.345  | .074  | -.075 | -.634  | 60 | 2311 | -.285  | .064  | -.100 | -.814  | 60 | 2429 | -.235  | .088  | -.108 | -.632  |
| 60 | 2204 | -.346  | .077  | -.070 | -.649  | 60 | 2312 | -.285  | .064  | -.095 | -.742  | 60 | 2430 | -.399  | .197  | -.141 | -1.481 |
| 60 | 2205 | -.336  | .076  | -.075 | -.812  | 60 | 2313 | -.284  | .062  | -.079 | -.574  | 60 | 2431 | -.147  | .087  | -.245 | -.578  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| UD | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-------|--------|-------|-------|-------|
| 60 | 24333 | 148    | 097   | 210   | 552   |
| 60 | 24333 | 191    | 117   | 173   | 578   |
| 60 | 24333 | 254    | 149   | 310   | 781   |
| 60 | 24333 | 307    | 155   | 299   | 901   |
| 60 | 2501  | 137    | 098   | 182   | 470   |
| 60 | 2502  | 123    | 117   | 638   | 323   |
| 60 | 2503  | 150    | 147   | 608   | 444   |
| 60 | 2504  | 017    | 159   | 527   | 703   |
| 60 | 2505  | 482    | 100   | 113   | 866   |
| 60 | 2506  | 047    | 100   | 390   | 338   |
| 60 | 2507  | 142    | 146   | 618   | 562   |
| 60 | 2508  | 168    | 122   | 537   | 243   |
| 60 | 2509  | 158    | 118   | 566   | 413   |
| 60 | 2510  | 171    | 099   | 238   | 333   |
| 60 | 2511  | 240    | 203   | 808   | 643   |
| 60 | 2512  | 271    | 109   | 279   | 578   |
| 60 | 2513  | 225    | 120   | 654   | 176   |
| 60 | 2514  | 179    | 128   | 696   | 200   |
| 60 | 2515  | 108    | 242   | 849   | 776   |
| 60 | 2516  | 338    | 121   | 141   | 846   |
| 60 | 2517  | 046    | 113   | 609   | 483   |
| 60 | 2518  | 016    | 129   | 473   | 818   |
| 60 | 2519  | 233    | 277   | 623   | 162   |
| 60 | 2520  | 348    | 109   | 184   | 772   |
| 60 | 2521  | 078    | 092   | 287   | 654   |
| 60 | 2522  | 161    | 144   | 308   | 074   |
| 60 | 2523  | 447    | 256   | 331   | 368   |
| 60 | 2524  | 284    | 109   | 118   | 708   |
| 60 | 2525  | 119    | 099   | 211   | 687   |
| 60 | 2526  | 207    | 122   | 090   | 869   |
| 60 | 2527  | 466    | 207   | 075   | 285   |
| 60 | 2528  | 169    | 085   | 189   | 726   |
| 60 | 2529  | 317    | 171   | 244   | 055   |
| 60 | 2530  | 112    | 097   | 330   | 483   |
| 60 | 2531  | 020    | 073   | 293   | 322   |
| 60 | 2532  | 231    | 152   | 309   | 818   |
| 60 | 2533  | 415    | 139   | 813   | 055   |
| 60 | 2534  | 367    | 130   | 761   | 148   |
| 60 | 2535  | 341    | 123   | 713   | 158   |
| 60 | 2536  | 292    | 118   | 644   | 235   |
| 60 | 2537  | 269    | 112   | 632   | 058   |
| 60 | 2538  | 187    | 105   | 561   | 275   |
| 60 | 2539  | 561    | 166   | 997   | 098   |
| 60 | 2540  | 275    | 111   | 657   | 052   |
| 60 | 2541  | 487    | 169   | 974   | 096   |
| 60 | 2542  | 614    | 173   | 099   | 028   |
| 60 | 2543  | 606    | 160   | 042   | 013   |
| 60 | 2544  | 529    | 148   | 925   | 013   |
| 60 | 2545  | 284    | 109   | 589   | 065   |
| 60 | 2546  | 234    | 146   | 711   | 230   |

| UD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 60 | 2615 | 419    | 144   | 844   | 063   |
| 60 | 2616 | 464    | 146   | 905   | 018   |
| 60 | 2617 | 444    | 136   | 808   | 003   |
| 60 | 2618 | 238    | 118   | 616   | 210   |
| 60 | 2619 | 032    | 106   | 429   | 319   |
| 60 | 2620 | 239    | 132   | 698   | 156   |
| 60 | 2621 | 360    | 147   | 911   | 055   |
| 60 | 2622 | 379    | 145   | 851   | 093   |
| 60 | 2623 | 216    | 125   | 643   | 334   |
| 60 | 2624 | 057    | 095   | 297   | 432   |
| 60 | 2625 | 154    | 108   | 642   | 209   |
| 60 | 2626 | 243    | 120   | 856   | 168   |
| 60 | 2627 | 297    | 127   | 881   | 213   |
| 60 | 2628 | 196    | 119   | 659   | 291   |
| 60 | 2629 | 012    | 080   | 345   | 259   |
| 60 | 2630 | 184    | 101   | 696   | 148   |
| 60 | 2631 | 168    | 081   | 530   | 178   |
| 60 | 2632 | 196    | 101   | 718   | 092   |
| 60 | 2633 | 233    | 098   | 773   | 033   |
| 60 | 2634 | 257    | 107   | 768   | 050   |
| 60 | 2635 | 237    | 099   | 786   | 025   |
| 60 | 2701 | 190    | 055   | 460   | 020   |
| 60 | 2702 | 220    | 062   | 046   | 552   |
| 60 | 2703 | 226    | 058   | 045   | 525   |
| 60 | 2704 | 092    | 074   | 157   | 339   |
| 60 | 2705 | 077    | 072   | 389   | 189   |
| 60 | 2706 | 154    | 087   | 177   | 571   |
| 60 | 2707 | 291    | 088   | 007   | 777   |
| 60 | 2708 | 137    | 084   | 177   | 595   |
| 60 | 2709 | 029    | 116   | 416   | 528   |
| 60 | 2710 | 119    | 131   | 309   | 757   |
| 60 | 2711 | 251    | 087   | 661   | 091   |
| 60 | 2712 | 315    | 119   | 078   | 776   |
| 60 | 2713 | 338    | 088   | 042   | 871   |
| 60 | 2714 | 137    | 098   | 194   | 526   |
| 60 | 2715 | 237    | 126   | 081   | 769   |
| 60 | 2716 | 189    | 104   | 126   | 656   |
| 60 | 2717 | 634    | 208   | 019   | 408   |
| 60 | 2718 | 693    | 192   | 164   | 424   |
| 60 | 2719 | 671    | 169   | 189   | 372   |
| 60 | 2720 | 416    | 087   | 869   | 191   |
| 60 | 2721 | 262    | 065   | 085   | 530   |
| 60 | 2722 | 266    | 067   | 060   | 570   |
| 60 | 2723 | 119    | 095   | 172   | 565   |
| 60 | 2724 | 219    | 140   | 311   | 796   |
| 60 | 2725 | 324    | 155   | 885   | 112   |
| 60 | 2801 | 062    | 124   | 483   | 468   |
| 60 | 2802 | 087    | 156   | 682   | 593   |
| 60 | 2803 | 097    | 101   | 216   | 505   |
| 60 | 2804 | 035    | 064   | 175   | 212   |

| UD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 60 | 2805 | 187    | 049   | 027   | 346   |
| 60 | 2806 | 448    | 109   | 177   | 889   |
| 60 | 2807 | 273    | 063   | 610   | 064   |
| 60 | 2808 | 170    | 064   | 051   | 479   |
| 60 | 2809 | 123    | 094   | 162   | 538   |
| 60 | 2810 | 035    | 142   | 451   | 702   |
| 60 | 2811 | 116    | 078   | 140   | 541   |
| 60 | 2812 | 036    | 060   | 418   | 095   |
| 60 | 2813 | 195    | 046   | 002   | 346   |
| 60 | 2814 | 379    | 081   | 167   | 730   |
| 60 | 2815 | 266    | 056   | 502   | 031   |
| 60 | 2816 | 159    | 048   | 010   | 345   |
| 60 | 2817 | 117    | 058   | 087   | 329   |
| 60 | 2818 | 068    | 078   | 276   | 359   |
| 60 | 2819 | 105    | 069   | 100   | 465   |
| 60 | 2820 | 048    | 053   | 292   | 102   |
| 60 | 2821 | 214    | 048   | 017   | 478   |
| 60 | 2822 | 421    | 112   | 896   | 167   |
| 60 | 2823 | 257    | 060   | 082   | 501   |
| 60 | 2824 | 177    | 051   | 411   | 007   |
| 60 | 2825 | 089    | 054   | 170   | 260   |
| 60 | 2826 | 046    | 095   | 373   | 396   |
| 60 | 2827 | 042    | 087   | 361   | 182   |
| 60 | 2828 | 027    | 051   | 145   | 242   |
| 60 | 2829 | 191    | 042   | 032   | 360   |
| 60 | 2830 | 418    | 078   | 226   | 757   |
| 60 | 2831 | 220    | 041   | 050   | 391   |
| 60 | 2832 | 176    | 045   | 377   | 015   |
| 60 | 2833 | 106    | 045   | 061   | 250   |
| 60 | 2834 | 092    | 056   | 177   | 276   |
| 60 | 2835 | 085    | 074   | 481   | 082   |
| 60 | 2836 | 212    | 044   | 421   | 042   |
| 60 | 2837 | 115    | 037   | 014   | 294   |
| 60 | 2838 | 103    | 053   | 122   | 348   |
| 60 | 2839 | 049    | 064   | 364   | 142   |
| 60 | 2840 | 132    | 046   | 328   | 142   |
| 60 | 2841 | 161    | 045   | 041   | 331   |
| 60 | 2842 | 334    | 096   | 005   | 749   |
| 60 | 2843 | 063    | 063   | 314   | 149   |
| 60 | 2844 | 183    | 040   | 304   | 017   |
| 60 | 2845 | 168    | 043   | 017   | 338   |
| 60 | 2846 | 132    | 047   | 057   | 296   |
| 60 | 2847 | 132    | 086   | 513   | 062   |
| 60 | 2848 | 140    | 069   | 034   | 453   |
| 60 | 2849 | 008    | 093   | 367   | 379   |
| 60 | 2850 | 029    | 056   | 289   | 105   |
| 60 | 2851 | 102    | 032   | 055   | 192   |
| 60 | 2852 | 102    | 032   | 055   | 192   |
| 60 | 2853 | 158    | 034   | 051   | 323   |
| 60 | 2854 | 159    | 036   | 037   | 303   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 60 | 2854 | .112   | .032  | .002  | -.245  |
| 60 | 2855 | .081   | .032  | .030  | -.197  |
| 60 | 2856 | .062   | .040  | .157  | -.205  |
| 60 | 2857 | .180   | .122  | .168  | -.834  |
| 60 | 2858 | .184   | .088  | .046  | -.713  |
| 60 | 2859 | .150   | .090  | .048  | -.864  |
| 60 | 2860 | .123   | .088  | .120  | -1.053 |
| 60 | 2861 | .114   | .054  | .070  | -.578  |
| 60 | 2862 | .155   | .051  | .005  | -.333  |
| 60 | 2863 | .139   | .121  | .208  | -.803  |
| 60 | 2864 | .168   | .068  | .076  | -.488  |
| 60 | 2865 | .100   | .050  | .070  | -.338  |
| 60 | 2866 | .125   | .043  | .032  | -.278  |
| 60 | 2867 | .002   | .081  | .380  | -.284  |
| 60 | 2868 | .141   | .053  | .053  | -.364  |
| 60 | 2869 | .069   | .045  | .107  | -.231  |
| 60 | 2870 | .029   | .058  | .243  | -.220  |
| 60 | 2871 | .090   | .045  | .075  | -.242  |
| 60 | 2872 | .131   | .046  | .021  | -.353  |
| 60 | 2873 | .143   | .050  | .005  | -.363  |
| 75 | 101  | .276   | .154  | .328  | -.914  |
| 75 | 102  | .268   | .178  | .303  | -.962  |
| 75 | 103  | .191   | .196  | .416  | -.902  |
| 75 | 104  | .186   | .140  | .229  | -.837  |
| 75 | 105  | .212   | .077  | .058  | -.628  |
| 75 | 106  | .212   | .071  | .000  | -.566  |
| 75 | 107  | .205   | .084  | .081  | -.614  |
| 75 | 108  | .220   | .095  | .031  | -.665  |
| 75 | 109  | .257   | .106  | .156  | -.749  |
| 75 | 110  | .242   | .108  | .083  | -.689  |
| 75 | 111  | .227   | .107  | .052  | -.707  |
| 75 | 112  | .231   | .097  | .054  | -.703  |
| 75 | 201  | .381   | .109  | .078  | -.751  |
| 75 | 202  | .227   | .093  | .041  | -.603  |
| 75 | 203  | .063   | .063  | .127  | -.352  |
| 75 | 204  | .324   | .078  | .077  | -.637  |
| 75 | 205  | .418   | .185  | .005  | -1.429 |
| 75 | 206  | .327   | .174  | .078  | -1.211 |
| 75 | 207  | .584   | .148  | .192  | -1.302 |
| 75 | 208  | .522   | .116  | .177  | -.971  |
| 75 | 209  | .438   | .112  | .115  | -1.330 |
| 75 | 210  | .472   | .119  | .075  | -1.153 |
| 75 | 211  | .379   | .097  | .075  | -.712  |
| 75 | 212  | .177   | .069  | .015  | -.598  |
| 75 | 1101 | .205   | .114  | .242  | -.628  |
| 75 | 1102 | .152   | .154  | .401  | -.636  |
| 75 | 1103 | .205   | .142  | .371  | -.590  |
| 75 | 1104 | .207   | .158  | .532  | -.688  |
| 75 | 1105 | .232   | .156  | .298  | -.744  |
| 75 | 1106 | .118   | .154  | .557  | -.614  |

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 75 | 1107 | .174   | .148  | .516  | -.633  |
| 75 | 1108 | .159   | .106  | .232  | -.539  |
| 75 | 1109 | .149   | .171  | .577  | -.728  |
| 75 | 1110 | .148   | .109  | .381  | -.580  |
| 75 | 1111 | .089   | .167  | .562  | -.554  |
| 75 | 1112 | .098   | .165  | .511  | -.563  |
| 75 | 1113 | .126   | .188  | .744  | -.821  |
| 75 | 1114 | .157   | .104  | .261  | -.571  |
| 75 | 1115 | .090   | .184  | .578  | -.702  |
| 75 | 1116 | .117   | .202  | .608  | -.752  |
| 75 | 1117 | .144   | .200  | .598  | -.833  |
| 75 | 1118 | .139   | .098  | .306  | -.516  |
| 75 | 1119 | .066   | .177  | .566  | -.621  |
| 75 | 1120 | .102   | .201  | .551  | -.901  |
| 75 | 1121 | .153   | .263  | .724  | -1.212 |
| 75 | 1122 | .143   | .077  | .081  | -.450  |
| 75 | 1123 | .023   | .135  | .408  | -.419  |
| 75 | 1124 | .044   | .136  | .433  | -.515  |
| 75 | 1125 | .113   | .276  | .624  | -1.523 |
| 75 | 1126 | .178   | .062  | .076  | -.410  |
| 75 | 1127 | .102   | .090  | .186  | -.381  |
| 75 | 1128 | .010   | .133  | .478  | -.379  |
| 75 | 1129 | .004   | .195  | .577  | -.626  |
| 75 | 1130 | .047   | .104  | .526  | -.381  |
| 75 | 1201 | .193   | .168  | .614  | -.838  |
| 75 | 1202 | .169   | .193  | .686  | -.849  |
| 75 | 1203 | .119   | .205  | .726  | -.805  |
| 75 | 1204 | .077   | .237  | .834  | -.867  |
| 75 | 1205 | .023   | .261  | .807  | -.723  |
| 75 | 1206 | .022   | .255  | .880  | -.617  |
| 75 | 1207 | .139   | .164  | .609  | -.819  |
| 75 | 1208 | .115   | .180  | .552  | -.905  |
| 75 | 1209 | .152   | .157  | .557  | -.669  |
| 75 | 1210 | .149   | .119  | .319  | -.662  |
| 75 | 1211 | .148   | .108  | .270  | -.693  |
| 75 | 1212 | .178   | .114  | .197  | -.855  |
| 75 | 1213 | .232   | .133  | .157  | -1.111 |
| 75 | 1214 | .110   | .161  | .700  | -.788  |
| 75 | 1215 | .072   | .126  | .440  | -.649  |
| 75 | 1216 | .092   | .110  | .370  | -.808  |
| 75 | 1217 | .156   | .113  | .145  | -.866  |
| 75 | 1218 | .284   | .193  | .263  | -1.204 |
| 75 | 1219 | .047   | .157  | .707  | -.477  |
| 75 | 1220 | .015   | .110  | .505  | -.457  |
| 75 | 1221 | .012   | .084  | .328  | -.493  |
| 75 | 1222 | .012   | .084  | .310  | -.601  |
| 75 | 1223 | .097   | .164  | .319  | -.886  |
| 75 | 1224 | .068   | .173  | .786  | -.379  |
| 75 | 1225 | .077   | .117  | .690  | -.362  |
| 75 | 1226 | .063   | .096  | .471  | -.529  |

| WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 75 | 1227 | .041   | .082  | .442  | -.247  |
| 75 | 1228 | .015   | .103  | .474  | -.528  |
| 75 | 1229 | .072   | .131  | .700  | -.331  |
| 75 | 1230 | .081   | .099  | .402  | -.345  |
| 75 | 1231 | .056   | .093  | .574  | -.484  |
| 75 | 1232 | .007   | .097  | .322  | -.772  |
| 75 | 1233 | .006   | .076  | .355  | -.338  |
| 75 | 1234 | .036   | .077  | .379  | -.279  |
| 75 | 1235 | .148   | .125  | .653  | -.397  |
| 75 | 1236 | .103   | .100  | .464  | -.314  |
| 75 | 1237 | .033   | .089  | .400  | -.499  |
| 75 | 1238 | .020   | .088  | .364  | -.449  |
| 75 | 1239 | .087   | .087  | .551  | -.205  |
| 75 | 1240 | .143   | .126  | .831  | -.497  |
| 75 | 1241 | .037   | .077  | .397  | -.331  |
| 75 | 1242 | .045   | .084  | .497  | -.402  |
| 75 | 1301 | .017   | .223  | .685  | -.819  |
| 75 | 1302 | .050   | .196  | .676  | -.735  |
| 75 | 1303 | .068   | .178  | .544  | -.641  |
| 75 | 1304 | .124   | .154  | .435  | -.666  |
| 75 | 1305 | .020   | .228  | .674  | -.874  |
| 75 | 1306 | .099   | .168  | .512  | -.666  |
| 75 | 1307 | .103   | .173  | .710  | -.627  |
| 75 | 1308 | .157   | .169  | .433  | -.846  |
| 75 | 1309 | .154   | .151  | .503  | -.699  |
| 75 | 1310 | .181   | .123  | .276  | -.800  |
| 75 | 1311 | .138   | .152  | .504  | -.826  |
| 75 | 1312 | .131   | .174  | .554  | -.851  |
| 75 | 1313 | .151   | .194  | .637  | -1.202 |
| 75 | 1314 | .104   | .150  | .447  | -.609  |
| 75 | 1315 | .027   | .192  | .757  | -.743  |
| 75 | 1316 | .062   | .222  | .880  | -.663  |
| 75 | 1317 | .060   | .211  | .683  | -.704  |
| 75 | 1318 | .111   | .119  | .612  | -.297  |
| 75 | 1319 | .212   | .138  | .802  | -.237  |
| 75 | 1320 | .218   | .147  | .808  | -.273  |
| 75 | 1321 | .098   | .162  | .650  | -.614  |
| 75 | 1322 | .124   | .129  | .702  | -.743  |
| 75 | 1323 | .154   | .134  | .783  | -.253  |
| 75 | 1324 | .120   | .129  | .678  | -.245  |
| 75 | 1325 | .003   | .127  | .535  | -.355  |
| 75 | 1326 | .156   | .103  | .590  | -.174  |
| 75 | 1327 | .136   | .095  | .523  | -.135  |
| 75 | 1328 | .009   | .107  | .407  | -.290  |
| 75 | 1329 | .067   | .116  | .533  | -.491  |
| 75 | 1330 | .032   | .084  | .355  | -.300  |
| 75 | 1331 | .097   | .094  | .433  | -.369  |
| 75 | 1332 | .072   | .056  | .140  | -.278  |
| 75 | 1401 | .443   | .180  | .078  | -1.509 |
| 75 | 1402 | .439   | .168  | .029  | -1.833 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 75 | 1403 | -.413  | .156  | .040  | -.1294 |
| 75 | 1404 | -.376  | .132  | -.002 | -.1077 |
| 75 | 1405 | -.317  | .109  | -.032 | -.0948 |
| 75 | 1406 | -.327  | .102  | -.064 | -.0983 |
| 75 | 1407 | -.481  | .176  | -.088 | -.1654 |
| 75 | 1408 | -.298  | .082  | -.071 | -.1701 |
| 75 | 1409 | -.488  | .188  | -.085 | -.1409 |
| 75 | 1410 | -.438  | .152  | -.098 | -.1254 |
| 75 | 1411 | -.350  | .102  | -.054 | -.0875 |
| 75 | 1412 | -.323  | .086  | -.014 | -.0778 |
| 75 | 1413 | -.291  | .084  | -.042 | -.0660 |
| 75 | 1414 | -.620  | .223  | -.081 | -.1711 |
| 75 | 1415 | -.515  | .179  | -.005 | -.1431 |
| 75 | 1416 | -.439  | .141  | -.005 | -.1206 |
| 75 | 1417 | -.299  | .097  | -.046 | -.1264 |
| 75 | 1418 | -.260  | .088  | -.021 | -.1228 |
| 75 | 1419 | -.356  | .164  | -.185 | -.1417 |
| 75 | 1420 | -.350  | .150  | -.164 | -.1315 |
| 75 | 1421 | -.393  | .113  | -.065 | -.1022 |
| 75 | 1422 | -.370  | .102  | -.081 | -.0881 |
| 75 | 1423 | -.337  | .088  | -.052 | -.0745 |
| 75 | 1424 | -.571  | .156  | -.202 | -.1486 |
| 75 | 1425 | -.490  | .154  | -.108 | -.1229 |
| 75 | 1426 | -.424  | .124  | -.082 | -.1064 |
| 75 | 1427 | -.298  | .076  | -.035 | -.0719 |
| 75 | 1428 | -.289  | .065  | -.057 | -.0561 |
| 75 | 1429 | -.487  | .157  | -.141 | -.1310 |
| 75 | 1430 | -.197  | .061  | -.010 | -.0409 |
| 75 | 1431 | -.255  | .059  | -.083 | -.0494 |
| 75 | 1432 | -.221  | .044  | -.083 | -.0426 |
| 75 | 1433 | -.170  | .042  | -.030 | -.0353 |
| 75 | 1434 | -.202  | .049  | -.045 | -.0395 |
| 75 | 1435 | -.149  | .050  | -.024 | -.0366 |
| 75 | 1501 | -.335  | .108  | -.052 | -.1103 |
| 75 | 1502 | -.408  | .152  | -.081 | -.1394 |
| 75 | 1503 | -.384  | .132  | -.088 | -.1244 |
| 75 | 1504 | -.405  | .111  | -.100 | -.1250 |
| 75 | 1505 | -.291  | .063  | -.090 | -.0776 |
| 75 | 1506 | -.288  | .074  | -.123 | -.0842 |
| 75 | 1507 | -.280  | .065  | -.125 | -.0862 |
| 75 | 1508 | -.290  | .065  | -.078 | -.0808 |
| 75 | 1509 | -.331  | .059  | -.123 | -.0918 |
| 75 | 1510 | -.281  | .081  | -.101 | -.0730 |
| 75 | 1511 | -.304  | .054  | -.125 | -.0816 |
| 75 | 1512 | -.304  | .067  | -.075 | -.0830 |
| 75 | 1513 | -.273  | .052  | -.044 | -.0777 |
| 75 | 1514 | -.283  | .050  | -.127 | -.0842 |
| 75 | 1515 | -.278  | .047  | -.145 | -.0888 |
| 75 | 1516 | -.211  | .078  | -.022 | -.0753 |
| 75 | 1517 | -.279  | .065  | -.061 | -.0539 |

| WD | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 75 | 1518 | -.295  | .060  | -.090 | -.0634 |
| 75 | 1519 | -.291  | .056  | -.110 | -.0614 |
| 75 | 1520 | -.344  | .080  | -.098 | -.0790 |
| 75 | 1521 | -.304  | .064  | -.103 | -.0645 |
| 75 | 1522 | -.311  | .061  | -.140 | -.0728 |
| 75 | 1523 | -.302  | .056  | -.121 | -.0611 |
| 75 | 1524 | -.306  | .076  | -.066 | -.0784 |
| 75 | 1525 | -.282  | .067  | -.066 | -.0590 |
| 75 | 1526 | -.309  | .072  | -.072 | -.0664 |
| 75 | 1527 | -.295  | .063  | -.117 | -.0611 |
| 75 | 1528 | -.229  | .071  | -.007 | -.0553 |
| 75 | 1529 | -.193  | .067  | -.103 | -.0515 |
| 75 | 1530 | -.231  | .073  | -.018 | -.0631 |
| 75 | 1531 | -.172  | .060  | -.451 | -.0020 |
| 75 | 1532 | -.160  | .072  | -.053 | -.0528 |
| 75 | 1533 | -.263  | .059  | -.107 | -.0581 |
| 75 | 1601 | -.270  | .058  | -.081 | -.0599 |
| 75 | 1602 | -.266  | .062  | -.064 | -.0686 |
| 75 | 1603 | -.274  | .065  | -.091 | -.0628 |
| 75 | 1604 | -.266  | .070  | -.039 | -.0564 |
| 75 | 1605 | -.141  | .092  | -.207 | -.0544 |
| 75 | 1606 | -.267  | .054  | -.125 | -.0523 |
| 75 | 1607 | -.270  | .065  | -.062 | -.0551 |
| 75 | 1608 | -.257  | .043  | -.114 | -.0465 |
| 75 | 1609 | -.278  | .042  | -.164 | -.0500 |
| 75 | 1610 | -.275  | .052  | -.119 | -.0526 |
| 75 | 1611 | -.277  | .056  | -.113 | -.0548 |
| 75 | 1612 | -.263  | .059  | -.077 | -.0603 |
| 75 | 1613 | -.279  | .045  | -.145 | -.0485 |
| 75 | 1614 | -.266  | .043  | -.130 | -.0488 |
| 75 | 1615 | -.272  | .049  | -.138 | -.0553 |
| 75 | 1616 | -.260  | .082  | -.094 | -.0614 |
| 75 | 1617 | -.272  | .068  | -.057 | -.0557 |
| 75 | 1618 | -.290  | .052  | -.106 | -.0506 |
| 75 | 1619 | -.278  | .046  | -.140 | -.0497 |
| 75 | 1620 | -.253  | .053  | -.075 | -.0542 |
| 75 | 1621 | -.257  | .055  | -.070 | -.0539 |
| 75 | 1622 | -.243  | .058  | -.051 | -.0499 |
| 75 | 1623 | -.308  | .065  | -.111 | -.0615 |
| 75 | 1624 | -.294  | .063  | -.103 | -.0781 |
| 75 | 1625 | -.319  | .071  | -.079 | -.0811 |
| 75 | 1626 | -.291  | .066  | -.084 | -.0869 |
| 75 | 1627 | -.284  | .067  | -.078 | -.0619 |
| 75 | 1628 | -.234  | .088  | -.046 | -.0673 |
| 75 | 1629 | -.334  | .098  | -.121 | -.0895 |
| 75 | 1630 | -.204  | .074  | -.051 | -.0631 |
| 75 | 1631 | -.262  | .067  | -.038 | -.0622 |
| 75 | 1632 | -.276  | .066  | -.070 | -.0616 |
| 75 | 1633 | -.276  | .062  | -.068 | -.0559 |
| 75 | 1634 | -.282  | .067  | -.055 | -.0605 |

| WD | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 75 | 1701 | -.047  | .065  | .214  | -.310 |
| 75 | 1702 | -.078  | .060  | .175  | -.423 |
| 75 | 1703 | -.046  | .056  | .244  | -.331 |
| 75 | 1704 | -.028  | .112  | .402  | -.457 |
| 75 | 1705 | -.005  | .100  | .412  | -.292 |
| 75 | 1706 | -.044  | .094  | .291  | -.457 |
| 75 | 1707 | -.013  | .079  | .373  | -.329 |
| 75 | 1708 | -.051  | .101  | .251  | -.844 |
| 75 | 1709 | -.224  | .088  | -.053 | -.812 |
| 75 | 1710 | -.204  | .078  | -.005 | -.550 |
| 75 | 1711 | -.037  | .131  | .731  | -.451 |
| 75 | 1712 | -.013  | .082  | .311  | -.507 |
| 75 | 1713 | -.020  | .096  | .336  | -.492 |
| 75 | 1714 | -.146  | .116  | .167  | -.691 |
| 75 | 1715 | -.269  | .115  | .822  | -.005 |
| 75 | 1716 | -.007  | .176  | .552  | -.627 |
| 75 | 1717 | -.092  | .132  | .627  | -.323 |
| 75 | 1718 | -.065  | .129  | .547  | -.343 |
| 75 | 1719 | -.049  | .122  | .448  | -.421 |
| 75 | 1720 | -.005  | .073  | .399  | -.264 |
| 75 | 1721 | -.046  | .103  | .305  | -.559 |
| 75 | 1722 | -.094  | .104  | .267  | -.807 |
| 75 | 1723 | -.321  | .191  | .409  | -.402 |
| 75 | 1724 | -.279  | .120  | .847  | -.032 |
| 75 | 1725 | -.260  | .110  | .002  | -.720 |
| 75 | 1801 | -.192  | .072  | .044  | -.467 |
| 75 | 1802 | -.192  | .061  | .000  | -.466 |
| 75 | 1803 | -.203  | .079  | .558  | -.055 |
| 75 | 1804 | -.187  | .107  | .027  | -.102 |
| 75 | 1805 | -.379  | .117  | -.064 | -.906 |
| 75 | 1806 | -.125  | .053  | .057  | -.364 |
| 75 | 1807 | -.033  | .061  | .205  | -.310 |
| 75 | 1808 | -.115  | .093  | .548  | -.250 |
| 75 | 1809 | -.071  | .135  | .681  | -.363 |
| 75 | 1810 | -.152  | .061  | .021  | -.391 |
| 75 | 1811 | -.143  | .057  | .462  | -.073 |
| 75 | 1812 | -.078  | .038  | .039  | -.268 |
| 75 | 1813 | -.273  | .073  | -.092 | -.547 |
| 75 | 1814 | -.128  | .045  | .016  | -.293 |
| 75 | 1815 | -.005  | .051  | .159  | -.241 |
| 75 | 1816 | -.083  | .066  | .361  | -.109 |
| 75 | 1817 | -.183  | .121  | .727  | -.179 |
| 75 | 1818 | -.064  | .058  | .142  | -.393 |
| 75 | 1819 | -.116  | .047  | .349  | -.068 |
| 75 | 1820 | -.050  | .041  | .098  | -.257 |
| 75 | 1821 | -.271  | .092  | .009  | -.745 |
| 75 | 1822 | -.126  | .049  | .344  | -.043 |
| 75 | 1823 | -.026  | .049  | .245  | -.126 |
| 75 | 1824 | -.092  | .062  | .121  | -.321 |
| 75 | 1825 | -.187  | .105  | .643  | -.125 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPNEAN | CPRNS | CPMAX | CPMIN | WD | TAP  | CPNEAN | CPRNS | CPMAX | CPMIN | WD | TAP  | CPNEAN | CPRNS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|--------|
| 75 | 1826 | -.019  | .076  | .223  | -.352 | 75 | 2102 | -.287  | .070  | -.073 | -.672 | 75 | 2222 | -.329  | .079  | -.131 | -.649  |
| 75 | 1827 | -.147  | .042  | -.009 | -.320 | 75 | 2103 | -.376  | .084  | -.078 | -.840 | 75 | 2223 | -.286  | .068  | -.122 | -.577  |
| 75 | 1828 | -.051  | .035  | .187  | -.071 | 75 | 2104 | -.363  | .091  | -.033 | -.874 | 75 | 2224 | -.290  | .133  | -.022 | -.865  |
| 75 | 1829 | -.201  | .065  | .014  | -.434 | 75 | 2105 | -.405  | .099  | -.040 | -.709 | 75 | 2225 | -.264  | .100  | -.022 | -.765  |
| 75 | 1830 | -.122  | .040  | .021  | -.267 | 75 | 2106 | -.275  | .064  | -.099 | -.610 | 75 | 2226 | -.242  | .075  | -.002 | -.574  |
| 75 | 1831 | -.004  | .043  | .194  | -.142 | 75 | 2107 | -.379  | .083  | -.097 | -.715 | 75 | 2227 | -.228  | .074  | -.019 | -.523  |
| 75 | 1832 | -.060  | .035  | .112  | -.308 | 75 | 2108 | -.368  | .056  | -.092 | -.641 | 75 | 2228 | -.274  | .074  | -.065 | -.656  |
| 75 | 1833 | -.131  | .087  | .495  | -.089 | 75 | 2109 | -.386  | .083  | -.064 | -.819 | 75 | 2229 | -.191  | .100  | -.075 | -.750  |
| 75 | 1834 | -.023  | .076  | .237  | -.324 | 75 | 2110 | -.286  | .057  | -.073 | -.579 | 75 | 2230 | -.177  | .070  | -.031 | -.491  |
| 75 | 1835 | -.117  | .044  | .027  | -.325 | 75 | 2111 | -.322  | .063  | -.102 | -.655 | 75 | 2231 | -.145  | .057  | -.071 | -.360  |
| 75 | 1836 | -.193  | .064  | .458  | -.025 | 75 | 2112 | -.322  | .066  | -.090 | -.673 | 75 | 2232 | -.153  | .061  | -.073 | -.397  |
| 75 | 1837 | -.057  | .043  | .264  | -.075 | 75 | 2113 | -.312  | .069  | -.007 | -.817 | 75 | 2233 | -.243  | .062  | -.072 | -.540  |
| 75 | 1838 | -.011  | .075  | .230  | -.327 | 75 | 2114 | -.376  | .108  | -.097 | -.293 | 75 | 2234 | -.236  | .062  | -.061 | -.516  |
| 75 | 1839 | -.067  | .038  | .064  | -.226 | 75 | 2115 | -.407  | .112  | -.117 | -.352 | 75 | 2235 | -.116  | .060  | -.074 | -.400  |
| 75 | 1840 | -.133  | .043  | .330  | -.011 | 75 | 2116 | -.469  | .122  | -.068 | -.162 | 75 | 2236 | -.102  | .056  | -.069 | -.345  |
| 75 | 1841 | -.033  | .032  | .234  | -.127 | 75 | 2117 | -.399  | .133  | -.033 | -.013 | 75 | 2237 | -.088  | .067  | -.152 | -.337  |
| 75 | 1842 | -.091  | .072  | .347  | -.145 | 75 | 2118 | -.479  | .152  | -.073 | -.851 | 75 | 2238 | -.165  | .059  | -.009 | -.472  |
| 75 | 1843 | -.071  | .039  | .030  | -.222 | 75 | 2119 | -.490  | .155  | -.012 | -.175 | 75 | 2239 | -.184  | .063  | -.056 | -.479  |
| 75 | 1844 | -.086  | .037  | .033  | -.055 | 75 | 2120 | -.466  | .165  | -.005 | -.186 | 75 | 2240 | -.112  | .056  | -.119 | -.302  |
| 75 | 1845 | -.037  | .048  | .227  | -.100 | 75 | 2121 | -.473  | .175  | -.036 | -.238 | 75 | 2241 | -.149  | .054  | -.088 | -.364  |
| 75 | 1846 | -.076  | .069  | .352  | -.147 | 75 | 2122 | -.439  | .215  | -.033 | -.664 | 75 | 2242 | -.187  | .063  | -.066 | -.443  |
| 75 | 1847 | -.188  | .056  | .027  | -.409 | 75 | 2123 | -.366  | .205  | -.083 | -.415 | 75 | 2301 | -.233  | .064  | -.049 | -.506  |
| 75 | 1848 | -.208  | .055  | .401  | -.027 | 75 | 2124 | -.296  | .173  | -.093 | -.979 | 75 | 2302 | -.234  | .081  | -.051 | -.651  |
| 75 | 1849 | -.122  | .043  | .034  | -.291 | 75 | 2125 | -.323  | .144  | -.028 | -.233 | 75 | 2303 | -.271  | .067  | -.057 | -.561  |
| 75 | 1850 | -.048  | .035  | .076  | -.166 | 75 | 2126 | -.303  | .200  | -.131 | -.417 | 75 | 2304 | -.234  | .057  | -.046 | -.439  |
| 75 | 1851 | -.101  | .030  | .212  | -.020 | 75 | 2127 | -.250  | .152  | -.162 | -.997 | 75 | 2305 | -.344  | .098  | -.036 | -.737  |
| 75 | 1852 | -.050  | .027  | .107  | -.143 | 75 | 2128 | -.215  | .156  | -.257 | -.968 | 75 | 2306 | -.226  | .062  | -.047 | -.600  |
| 75 | 1853 | -.064  | .036  | .124  | -.169 | 75 | 2129 | -.198  | .147  | -.191 | -.038 | 75 | 2307 | -.252  | .065  | -.084 | -.554  |
| 75 | 1854 | -.048  | .042  | .247  | -.078 | 75 | 2130 | -.124  | .154  | -.271 | -.029 | 75 | 2308 | -.211  | .050  | -.033 | -.439  |
| 75 | 1855 | -.058  | .060  | .160  | -.321 | 75 | 2201 | -.342  | .081  | -.037 | -.787 | 75 | 2309 | -.250  | .052  | -.067 | -.441  |
| 75 | 1856 | -.073  | .038  | .279  | -.117 | 75 | 2202 | -.319  | .079  | -.094 | -.673 | 75 | 2310 | -.261  | .049  | -.074 | -.441  |
| 75 | 1857 | -.216  | .056  | .066  | -.437 | 75 | 2203 | -.274  | .068  | -.045 | -.335 | 75 | 2311 | -.258  | .046  | -.118 | -.441  |
| 75 | 1858 | -.101  | .070  | .175  | -.488 | 75 | 2204 | -.246  | .060  | -.039 | -.509 | 75 | 2312 | -.237  | .044  | -.088 | -.377  |
| 75 | 1859 | -.000  | .000  | .000  | -.000 | 75 | 2205 | -.237  | .053  | -.065 | -.427 | 75 | 2313 | -.257  | .047  | -.115 | -.463  |
| 75 | 1860 | -.099  | .143  | .343  | -.205 | 75 | 2206 | -.204  | .055  | -.012 | -.460 | 75 | 2314 | -.283  | .058  | -.067 | -.503  |
| 75 | 1861 | -.120  | .129  | .276  | -.822 | 75 | 2207 | -.254  | .067  | -.075 | -.704 | 75 | 2315 | -.276  | .055  | -.104 | -.480  |
| 75 | 1862 | -.002  | .115  | .337  | -.677 | 75 | 2208 | -.228  | .055  | -.056 | -.521 | 75 | 2316 | -.253  | .052  | -.075 | -.446  |
| 75 | 1863 | -.184  | .059  | .431  | -.022 | 75 | 2209 | -.328  | .064  | -.117 | -.625 | 75 | 2317 | -.278  | .052  | -.101 | -.492  |
| 75 | 1864 | -.074  | .033  | .131  | -.358 | 75 | 2210 | -.303  | .056  | -.119 | -.491 | 75 | 2318 | -.300  | .072  | -.101 | -.676  |
| 75 | 1865 | -.065  | .037  | .219  | -.390 | 75 | 2211 | -.287  | .049  | -.101 | -.407 | 75 | 2319 | -.292  | .066  | -.100 | -.552  |
| 75 | 1866 | -.008  | .056  | .325  | -.308 | 75 | 2212 | -.272  | .050  | -.109 | -.414 | 75 | 2320 | -.266  | .065  | -.079 | -.560  |
| 75 | 1867 | -.146  | .052  | .334  | -.005 | 75 | 2213 | -.206  | .054  | -.130 | -.495 | 75 | 2321 | -.288  | .075  | -.079 | -.859  |
| 75 | 1868 | -.058  | .048  | .134  | -.284 | 75 | 2214 | -.394  | .114  | -.022 | -.099 | 75 | 2322 | -.309  | .098  | -.029 | -.976  |
| 75 | 1869 | -.045  | .053  | .205  | -.208 | 75 | 2215 | -.342  | .103  | -.059 | -.897 | 75 | 2323 | -.309  | .097  | -.061 | -.830  |
| 75 | 1870 | -.020  | .047  | .255  | -.114 | 75 | 2216 | -.335  | .090  | -.080 | -.325 | 75 | 2324 | -.296  | .102  | -.053 | -.724  |
| 75 | 1871 | -.023  | .058  | .319  | -.197 | 75 | 2217 | -.319  | .063  | -.097 | -.672 | 75 | 2325 | -.294  | .096  | -.022 | -.940  |
| 75 | 1872 | -.006  | .077  | .238  | -.510 | 75 | 2218 | -.300  | .064  | -.116 | -.593 | 75 | 2326 | -.309  | .105  | -.056 | -.944  |
| 75 | 1873 | -.037  | .100  | .413  | -.640 | 75 | 2219 | -.442  | .173  | -.033 | -.319 | 75 | 2327 | -.302  | .098  | -.023 | -.794  |
| 75 | 2101 | -.301  | .066  | -.094 | -.608 | 75 | 2220 | -.407  | .140  | -.039 | -.080 | 75 | 2328 | -.217  | .076  | -.000 | -.686  |
|    |      |        |       |       |       | 75 | 2221 | -.367  | .092  | -.107 | -.790 | 75 | 2329 | -.292  | .109  | -.040 | -.1036 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  | WD | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN | WD | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  |
|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|--------|
| 75 | 2330 | -.089  | .074  | .226  | -.394  | 75 | 2513 | .509   | .163  | .905  | -.055 | 75 | 2631 | .196   | .106  | .681  | -.075  |
| 75 | 2331 | -.239  | .115  | .145  | -.916  | 75 | 2514 | .534   | .169  | .988  | -.008 | 75 | 2632 | .202   | .110  | .674  | -.054  |
| 75 | 2332 | -.053  | .072  | .322  | -.159  | 75 | 2515 | .561   | .182  | 1.025 | -.208 | 75 | 2633 | .200   | .111  | .674  | -.058  |
| 75 | 2401 | -.134  | .042  | .004  | -.312  | 75 | 2516 | .218   | .162  | .741  | -.355 | 75 | 2634 | .158   | .109  | .548  | -.204  |
| 75 | 2402 | -.072  | .044  | .076  | -.248  | 75 | 2517 | .339   | .172  | .812  | -.173 | 75 | 2635 | .163   | .114  | .595  | -.218  |
| 75 | 2403 | -.053  | .047  | .111  | -.276  | 75 | 2518 | .297   | .187  | .915  | -.246 | 75 | 2701 | .127   | .049  | .318  | -.037  |
| 75 | 2404 | -.051  | .050  | .143  | -.307  | 75 | 2519 | .260   | .194  | .846  | -.300 | 75 | 2702 | -.122  | .060  | .068  | -.339  |
| 75 | 2405 | -.088  | .057  | .106  | -.443  | 75 | 2520 | .117   | .128  | .666  | -.403 | 75 | 2703 | -.151  | .064  | .020  | -.397  |
| 75 | 2406 | -.420  | .248  | .179  | -1.233 | 75 | 2521 | .145   | .115  | .652  | -.241 | 75 | 2704 | -.062  | .114  | .378  | -.659  |
| 75 | 2407 | -.120  | .038  | .002  | -.251  | 75 | 2522 | .130   | .124  | .611  | -.181 | 75 | 2705 | -.044  | .100  | .987  | -.271  |
| 75 | 2408 | -.279  | .133  | .335  | -1.079 | 75 | 2523 | .073   | .106  | .492  | -.367 | 75 | 2706 | -.069  | .082  | .305  | -.620  |
| 75 | 2409 | -.146  | .038  | .022  | -.274  | 75 | 2524 | .028   | .083  | .345  | -.306 | 75 | 2707 | -.196  | .081  | .099  | -.587  |
| 75 | 2410 | -.026  | .052  | .186  | -.213  | 75 | 2525 | .040   | .073  | .326  | -.296 | 75 | 2708 | -.102  | .072  | .124  | -.499  |
| 75 | 2411 | -.067  | .087  | .391  | -.602  | 75 | 2526 | .033   | .073  | .427  | -.432 | 75 | 2709 | -.021  | .079  | .251  | -.373  |
| 75 | 2412 | -.086  | .148  | .479  | -.836  | 75 | 2527 | .002   | .068  | .289  | -.384 | 75 | 2710 | -.049  | .107  | .409  | -.645  |
| 75 | 2413 | -.277  | .231  | .506  | -1.101 | 75 | 2528 | .123   | .075  | .432  | -.222 | 75 | 2711 | -.134  | .110  | .391  | -.327  |
| 75 | 2414 | -.139  | .046  | .058  | -.320  | 75 | 2529 | .159   | .083  | .461  | -.165 | 75 | 2712 | -.118  | .102  | .254  | -.709  |
| 75 | 2415 | -.016  | .056  | .242  | -.505  | 75 | 2530 | .161   | .098  | .586  | -.156 | 75 | 2713 | -.254  | .104  | .126  | -.727  |
| 75 | 2416 | -.053  | .068  | .335  | -.505  | 75 | 2531 | .182   | .069  | .479  | -.079 | 75 | 2714 | -.085  | .074  | .269  | -.729  |
| 75 | 2417 | -.081  | .123  | .427  | -.683  | 75 | 2532 | .186   | .105  | .559  | -.143 | 75 | 2715 | -.121  | .101  | .222  | -.630  |
| 75 | 2418 | -.076  | .219  | .530  | -.792  | 75 | 2601 | .410   | .141  | .892  | -.226 | 75 | 2716 | -.149  | .149  | .320  | -1.169 |
| 75 | 2419 | -.142  | .057  | .070  | -.364  | 75 | 2602 | .308   | .113  | .646  | -.096 | 75 | 2717 | -.302  | .203  | .276  | -1.140 |
| 75 | 2420 | -.011  | .063  | .263  | -.307  | 75 | 2603 | .281   | .104  | .565  | -.095 | 75 | 2718 | -.355  | .193  | .236  | -1.230 |
| 75 | 2421 | -.053  | .086  | .339  | -.265  | 75 | 2604 | .225   | .097  | .506  | -.097 | 75 | 2719 | -.370  | .190  | .318  | -1.079 |
| 75 | 2422 | -.077  | .101  | .407  | -.443  | 75 | 2605 | .192   | .092  | .529  | -.178 | 75 | 2720 | -.268  | .163  | .173  | -.303  |
| 75 | 2423 | -.028  | .153  | .502  | -.584  | 75 | 2606 | .057   | .084  | .385  | -.239 | 75 | 2721 | -.184  | .083  | .165  | -.809  |
| 75 | 2424 | -.113  | .059  | .106  | -.340  | 75 | 2607 | .589   | .164  | 1.070 | -.146 | 75 | 2722 | -.171  | .088  | .196  | -.928  |
| 75 | 2425 | -.057  | .063  | .211  | -.297  | 75 | 2608 | .114   | .084  | .434  | -.230 | 75 | 2723 | -.076  | .060  | .152  | -.443  |
| 75 | 2426 | -.012  | .069  | .277  | -.271  | 75 | 2609 | .506   | .194  | 1.075 | -.469 | 75 | 2724 | -.122  | .111  | .288  | -.579  |
| 75 | 2427 | -.004  | .079  | .330  | -.312  | 75 | 2610 | .465   | .167  | .988  | -.056 | 75 | 2725 | -.225  | .140  | .830  | -.286  |
| 75 | 2428 | -.000  | .092  | .349  | -.439  | 75 | 2611 | .365   | .137  | .806  | -.093 | 75 | 2801 | -.095  | .168  | .476  | -.714  |
| 75 | 2429 | -.050  | .056  | .182  | -.234  | 75 | 2612 | .272   | .121  | .661  | -.146 | 75 | 2802 | -.060  | .229  | .599  | -1.124 |
| 75 | 2430 | -.085  | .077  | .376  | -.432  | 75 | 2613 | .064   | .085  | .381  | -.263 | 75 | 2803 | -.017  | .173  | .848  | -.581  |
| 75 | 2431 | -.060  | .077  | .425  | -.138  | 75 | 2614 | .177   | .177  | .732  | -.586 | 75 | 2804 | -.003  | .090  | .419  | -.329  |
| 75 | 2432 | -.090  | .074  | .360  | -.101  | 75 | 2615 | .193   | .126  | .698  | -.183 | 75 | 2805 | -.182  | .082  | .181  | -.645  |
| 75 | 2433 | -.106  | .086  | .432  | -.115  | 75 | 2616 | .162   | .116  | .608  | -.158 | 75 | 2806 | -.489  | .139  | -.102 | -1.149 |
| 75 | 2434 | -.160  | .092  | .483  | -.072  | 75 | 2617 | .100   | .109  | .491  | -.266 | 75 | 2807 | -.260  | .091  | .260  | -.015  |
| 75 | 2435 | -.133  | .093  | .450  | -.183  | 75 | 2618 | -.060  | .107  | .470  | -.412 | 75 | 2808 | -.171  | .066  | .073  | -.496  |
| 75 | 2501 | -.206  | .113  | .583  | -.177  | 75 | 2619 | .040   | .149  | .352  | -.741 | 75 | 2809 | -.139  | .075  | .169  | -.568  |
| 75 | 2502 | -.383  | .134  | .820  | -.161  | 75 | 2620 | .021   | .086  | .411  | -.301 | 75 | 2810 | -.088  | .115  | .301  | -.507  |
| 75 | 2503 | -.289  | .180  | .291  | -.891  | 75 | 2621 | .022   | .098  | .519  | -.208 | 75 | 2811 | -.038  | .121  | .559  | -.806  |
| 75 | 2504 | -.454  | .276  | .689  | -1.103 | 75 | 2622 | -.013  | .095  | .455  | -.266 | 75 | 2812 | -.002  | .080  | .307  | -.257  |
| 75 | 2505 | -.549  | .151  | .033  | -1.133 | 75 | 2623 | -.126  | .112  | .412  | -.452 | 75 | 2813 | -.222  | .072  | .040  | -.474  |
| 75 | 2506 | -.275  | .222  | .644  | -.259  | 75 | 2624 | -.061  | .099  | .227  | -.567 | 75 | 2814 | -.428  | .090  | .152  | -.905  |
| 75 | 2507 | -.402  | .138  | .806  | -.326  | 75 | 2625 | -.004  | .059  | .253  | -.311 | 75 | 2815 | -.221  | .051  | .423  | -.068  |
| 75 | 2508 | -.488  | .140  | .873  | -.130  | 75 | 2626 | -.004  | .058  | .264  | -.181 | 75 | 2816 | -.145  | .047  | .022  | -.397  |
| 75 | 2509 | -.455  | .140  | .875  | -.213  | 75 | 2627 | -.003  | .074  | .442  | -.266 | 75 | 2817 | -.115  | .059  | .097  | -.414  |
| 75 | 2510 | -.426  | .137  | .953  | -.123  | 75 | 2628 | -.085  | .098  | .439  | -.411 | 75 | 2818 | -.086  | .083  | .283  | -.470  |
| 75 | 2511 | -.597  | .174  | .095  | -.580  | 75 | 2629 | -.154  | .085  | .479  | -.143 | 75 | 2819 | -.047  | .100  | .432  | -.384  |
| 75 | 2512 | -.246  | .148  | .687  | -.304  | 75 | 2630 | -.065  | .094  | .380  | -.244 | 75 | 2820 | .016   | .075  | .402  | -.237  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|--------|----|------|--------|-------|-------|-------|
| 75 | 2821 | -.209  | .063  | .082  | -.437 | 75 | 2870 | -.037  | .048  | .110  | -.251  | 90 | 1123 | .163   | .079  | .440  | -.077 |
| 75 | 2822 | -.412  | .116  | .909  | -.036 | 75 | 2871 | -.068  | .041  | .070  | -.230  | 90 | 1124 | .174   | .078  | .489  | -.131 |
| 75 | 2823 | -.211  | .051  | -.017 | -.435 | 75 | 2872 | -.093  | .042  | .027  | -.254  | 90 | 1125 | .292   | .110  | .731  | -.069 |
| 75 | 2824 | -.148  | .047  | .349  | -.017 | 75 | 2873 | -.078  | .047  | .032  | -.279  | 90 | 1126 | -.133  | .066  | .667  | -.366 |
| 75 | 2825 | -.093  | .032  | .090  | -.337 | 90 | 101  | -.575  | .153  | -.068 | -1.091 | 90 | 1127 | .164   | .088  | 1.020 | -.077 |
| 75 | 2826 | -.080  | .075  | .273  | -.333 | 90 | 102  | -.472  | .201  | -.287 | -1.149 | 90 | 1128 | .181   | .092  | 1.128 | -.067 |
| 75 | 2827 | -.007  | .083  | .301  | -.331 | 90 | 103  | -.288  | .220  | .339  | -1.232 | 90 | 1129 | .301   | .117  | .706  | -.016 |
| 75 | 2828 | .012   | .071  | .205  | -.296 | 90 | 104  | -.117  | .102  | .241  | -.556  | 90 | 1130 | -.201  | .064  | .049  | -.429 |
| 75 | 2829 | -.195  | .055  | .022  | -.387 | 90 | 105  | -.250  | .061  | -.014 | -.576  | 90 | 1201 | -.008  | .056  | .239  | -.133 |
| 75 | 2830 | -.344  | .081  | -.037 | -.734 | 90 | 106  | -.239  | .057  | -.058 | -.473  | 90 | 1202 | .225   | .091  | .618  | -.002 |
| 75 | 2831 | -.201  | .044  | .015  | -.366 | 90 | 107  | -.267  | .088  | -.014 | -.712  | 90 | 1203 | .344   | .128  | 1.506 | -.000 |
| 75 | 2832 | -.155  | .041  | .320  | .012  | 90 | 108  | -.322  | .100  | -.034 | -.827  | 90 | 1204 | -.047  | .104  | .811  | -.338 |
| 75 | 2833 | -.106  | .043  | .070  | .049  | 90 | 109  | -.383  | .069  | -.159 | -.702  | 90 | 1205 | .364   | .184  | 1.141 | -.353 |
| 75 | 2834 | -.107  | .032  | .084  | -.283 | 90 | 110  | -.357  | .119  | .021  | -.865  | 90 | 1206 | .213   | .179  | 1.153 | -.290 |
| 75 | 2835 | -.022  | .086  | .326  | -.154 | 90 | 111  | -.293  | .127  | .035  | -.835  | 90 | 1207 | .044   | .148  | .599  | -.382 |
| 75 | 2836 | -.207  | .060  | .410  | -.169 | 90 | 112  | -.240  | .086  | .002  | -.728  | 90 | 1208 | -.027  | .127  | .688  | -.392 |
| 75 | 2837 | -.097  | .037  | .048  | -.333 | 90 | 201  | -.303  | .111  | .021  | -.671  | 90 | 1209 | -.044  | .139  | .649  | -.508 |
| 75 | 2838 | -.112  | .052  | .089  | -.310 | 90 | 202  | -.271  | .074  | -.068 | -.561  | 90 | 1210 | -.040  | .190  | .813  | -.604 |
| 75 | 2839 | -.006  | .078  | .293  | -.219 | 90 | 203  | -.353  | .119  | .020  | -.721  | 90 | 1211 | .528   | .209  | 1.133 | -.275 |
| 75 | 2840 | .167   | .058  | .452  | .078  | 90 | 204  | -.494  | .090  | .201  | -.931  | 90 | 1212 | -.167  | .170  | .538  | -.674 |
| 75 | 2841 | -.155  | .047  | .005  | -.363 | 90 | 205  | -.625  | .122  | -.283 | -1.173 | 90 | 1213 | .504   | .198  | 1.032 | -.283 |
| 75 | 2842 | -.273  | .075  | .097  | -.692 | 90 | 206  | -.746  | .170  | .304  | -1.508 | 90 | 1214 | .298   | .187  | .839  | -.241 |
| 75 | 2843 | -.003  | .079  | .256  | -.359 | 90 | 207  | -.717  | .156  | -.228 | -1.337 | 90 | 1215 | -.088  | .113  | .415  | -.410 |
| 75 | 2844 | -.187  | .045  | .322  | -.090 | 90 | 208  | -.617  | .116  | -.213 | -1.067 | 90 | 1216 | -.188  | .090  | .219  | -.450 |
| 75 | 2845 | -.147  | .044  | .017  | -.346 | 90 | 209  | -.475  | .082  | -.214 | -.869  | 90 | 1217 | -.354  | .105  | .067  | -.666 |
| 75 | 2846 | -.122  | .047  | .064  | -.305 | 90 | 210  | -.466  | .123  | -.087 | -.828  | 90 | 1218 | .453   | .186  | 1.098 | -.248 |
| 75 | 2847 | -.077  | .093  | .492  | -.249 | 90 | 211  | -.445  | .077  | -.185 | -.698  | 90 | 1219 | .240   | .182  | .800  | -.322 |
| 75 | 2848 | -.117  | .094  | .142  | -.486 | 90 | 212  | -.485  | .127  | -.104 | -.934  | 90 | 1220 | .042   | .149  | .545  | -.394 |
| 75 | 2849 | -.046  | .097  | .324  | .545  | 90 | 1101 | -.034  | .061  | .184  | -.268  | 90 | 1221 | -.212  | .088  | .130  | -.566 |
| 75 | 2850 | -.014  | .066  | .399  | -.206 | 90 | 1102 | -.184  | .095  | .538  | -.241  | 90 | 1222 | -.317  | .090  | .060  | -.701 |
| 75 | 2851 | -.110  | .036  | .036  | -.226 | 90 | 1103 | -.126  | .111  | .502  | -.232  | 90 | 1223 | .465   | .174  | 1.030 | -.168 |
| 75 | 2852 | -.145  | .037  | .016  | -.286 | 90 | 1104 | -.226  | .133  | .647  | -.228  | 90 | 1224 | .332   | .153  | .804  | -.191 |
| 75 | 2853 | -.110  | .035  | .022  | -.232 | 90 | 1105 | -.265  | .168  | .284  | -.888  | 90 | 1225 | .011   | .101  | .422  | -.320 |
| 75 | 2854 | -.098  | .033  | .034  | -.219 | 90 | 1106 | -.203  | .103  | .515  | -.191  | 90 | 1226 | -.110  | .093  | .218  | -.434 |
| 75 | 2855 | -.084  | .036  | .034  | -.196 | 90 | 1107 | -.265  | .126  | .698  | -.141  | 90 | 1227 | -.314  | .136  | .224  | -.783 |
| 75 | 2856 | -.071  | .040  | .120  | -.188 | 90 | 1108 | .015   | .056  | .214  | -.177  | 90 | 1228 | .434   | .153  | 1.056 | -.056 |
| 75 | 2857 | -.037  | .100  | .324  | -.587 | 90 | 1109 | .448   | .163  | .972  | -.163  | 90 | 1229 | .356   | .131  | .796  | -.007 |
| 75 | 2858 | -.165  | .103  | .110  | -.701 | 90 | 1110 | .005   | .051  | .175  | -.210  | 90 | 1230 | .271   | .116  | .669  | -.142 |
| 75 | 2859 | -.125  | .077  | .079  | -.677 | 90 | 1111 | .365   | .114  | .696  | -.083  | 90 | 1231 | .060   | .100  | .413  | -.291 |
| 75 | 2860 | -.101  | .066  | .093  | -.543 | 90 | 1112 | .403   | .120  | .800  | -.062  | 90 | 1232 | -.163  | .141  | .357  | -.594 |
| 75 | 2861 | -.066  | .047  | .083  | -.292 | 90 | 1113 | -.530  | .170  | 1.047 | -.180  | 90 | 1233 | .184   | .116  | .663  | -.186 |
| 75 | 2862 | -.105  | .049  | .053  | -.306 | 90 | 1114 | -.015  | .055  | .294  | -.231  | 90 | 1234 | .152   | .109  | .563  | -.198 |
| 75 | 2863 | -.047  | .075  | .194  | -.404 | 90 | 1115 | .360   | .110  | .786  | -.081  | 90 | 1235 | .196   | .144  | .702  | -.578 |
| 75 | 2864 | -.110  | .062  | .102  | -.372 | 90 | 1116 | .402   | .124  | .921  | -.136  | 90 | 1236 | .199   | .116  | .667  | -.405 |
| 75 | 2865 | -.060  | .051  | .076  | -.373 | 90 | 1117 | .514   | .218  | 1.713 | -.166  | 90 | 1237 | .316   | .121  | .860  | -.161 |
| 75 | 2866 | -.091  | .043  | .039  | -.274 | 90 | 1118 | -.026  | .126  | .844  | -.254  | 90 | 1238 | .365   | .132  | .965  | -.096 |
| 75 | 2867 | -.018  | .081  | .237  | -.569 | 90 | 1119 | .301   | .150  | 1.218 | -.044  | 90 | 1239 | .456   | .149  | 1.079 | -.042 |
| 75 | 2868 | -.097  | .053  | .079  | -.327 | 90 | 1120 | .335   | .174  | 1.420 | -.025  | 90 | 1240 | .256   | .150  | .812  | -.357 |
| 75 | 2869 | -.041  | .044  | .092  | -.268 | 90 | 1121 | .410   | .134  | .922  | -.035  | 90 | 1241 | .132   | .112  | .529  | -.280 |
|    |      |        |       |       |       | 90 | 1122 | .133   | .052  | .087  | -.300  | 90 | 1242 | .410   | .145  | .951  | -.072 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 90 | 1301 | 304    | 386   | 652   | -1.733 |
| 90 | 1302 | 135    | 217   | 346   | -1.034 |
| 90 | 1303 | 016    | 175   | 571   | -1.744 |
| 90 | 1304 | 074    | 142   | 437   | -1.741 |
| 90 | 1305 | 034    | 173   | 580   | -1.626 |
| 90 | 1306 | 250    | 293   | 405   | -1.332 |
| 90 | 1307 | 065    | 159   | 434   | -1.823 |
| 90 | 1308 | 533    | 369   | 418   | -1.730 |
| 90 | 1309 | 137    | 118   | 575   | -1.670 |
| 90 | 1310 | 583    | 192   | 100   | -1.332 |
| 90 | 1311 | 577    | 232   | 265   | -1.593 |
| 90 | 1312 | 411    | 221   | 392   | -1.178 |
| 90 | 1313 | 293    | 141   | 261   | -1.943 |
| 90 | 1314 | 440    | 117   | 136   | -1.055 |
| 90 | 1315 | 452    | 132   | 313   | -1.145 |
| 90 | 1316 | 441    | 147   | 373   | -1.172 |
| 90 | 1317 | 386    | 144   | 129   | -1.018 |
| 90 | 1318 | 503    | 217   | 214   | -1.291 |
| 90 | 1319 | 498    | 262   | 237   | -1.259 |
| 90 | 1320 | 356    | 274   | 399   | -1.264 |
| 90 | 1321 | 289    | 183   | 387   | -1.989 |
| 90 | 1322 | 600    | 458   | 360   | -2.961 |
| 90 | 1323 | 181    | 178   | 379   | -1.917 |
| 90 | 1324 | 207    | 204   | 490   | -1.356 |
| 90 | 1325 | 248    | 241   | 573   | -1.356 |
| 90 | 1326 | 281    | 210   | 419   | -1.912 |
| 90 | 1327 | 186    | 177   | 379   | -1.754 |
| 90 | 1328 | 154    | 169   | 502   | -1.736 |
| 90 | 1329 | 187    | 229   | 603   | -1.010 |
| 90 | 1330 | 004    | 140   | 638   | -1.417 |
| 90 | 1331 | 009    | 137   | 574   | -1.314 |
| 90 | 1332 | 024    | 079   | 349   | -1.299 |
| 90 | 1401 | 327    | 096   | 072   | -1.047 |
| 90 | 1402 | 355    | 100   | 086   | -1.022 |
| 90 | 1403 | 352    | 104   | 078   | -1.086 |
| 90 | 1404 | 358    | 087   | 139   | -1.882 |
| 90 | 1405 | 341    | 076   | 072   | -1.686 |
| 90 | 1406 | 365    | 089   | 083   | -1.822 |
| 90 | 1407 | 346    | 089   | 062   | -1.882 |
| 90 | 1408 | 337    | 078   | 079   | -1.107 |
| 90 | 1409 | 345    | 108   | 051   | -1.107 |
| 90 | 1410 | 364    | 099   | 040   | -1.005 |
| 90 | 1411 | 356    | 074   | 024   | -1.860 |
| 90 | 1412 | 357    | 067   | 081   | -1.755 |
| 90 | 1413 | 356    | 076   | 136   | -1.639 |
| 90 | 1414 | 391    | 098   | 124   | -1.947 |
| 90 | 1415 | 378    | 081   | 135   | -1.827 |
| 90 | 1416 | 381    | 073   | 162   | -1.630 |
| 90 | 1417 | 345    | 061   | 148   | -1.592 |
| 90 | 1418 | 390    | 072   | 179   | -1.638 |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 90 | 1419 | 483    | 140   | 140   | -1.209 |
| 90 | 1420 | 462    | 121   | 115   | -1.958 |
| 90 | 1421 | 380    | 093   | 012   | -1.737 |
| 90 | 1422 | 391    | 082   | 081   | -1.724 |
| 90 | 1423 | 380    | 074   | 135   | -1.697 |
| 90 | 1424 | 669    | 250   | 179   | -2.155 |
| 90 | 1425 | 497    | 168   | 120   | -1.366 |
| 90 | 1426 | 439    | 116   | 095   | -1.031 |
| 90 | 1427 | 374    | 077   | 114   | -1.713 |
| 90 | 1428 | 380    | 072   | 141   | -1.679 |
| 90 | 1429 | 613    | 272   | 120   | -2.038 |
| 90 | 1430 | 257    | 088   | 000   | -1.584 |
| 90 | 1431 | 384    | 118   | 111   | -1.910 |
| 90 | 1432 | 275    | 067   | 072   | -1.511 |
| 90 | 1433 | 216    | 059   | 055   | -1.421 |
| 90 | 1434 | 265    | 072   | 052   | -1.536 |
| 90 | 1435 | 180    | 070   | 073   | -1.427 |
| 90 | 1501 | 408    | 107   | 133   | -1.092 |
| 90 | 1502 | 472    | 131   | 139   | -1.021 |
| 90 | 1503 | 337    | 080   | 134   | -1.781 |
| 90 | 1504 | 373    | 088   | 153   | -1.649 |
| 90 | 1505 | 316    | 057   | 066   | -1.573 |
| 90 | 1506 | 308    | 060   | 142   | -1.694 |
| 90 | 1507 | 298    | 058   | 110   | -1.584 |
| 90 | 1508 | 416    | 111   | 135   | -1.886 |
| 90 | 1509 | 286    | 046   | 136   | -1.481 |
| 90 | 1510 | 369    | 070   | 160   | -1.655 |
| 90 | 1511 | 302    | 048   | 138   | -1.560 |
| 90 | 1512 | 357    | 058   | 186   | -1.583 |
| 90 | 1513 | 312    | 043   | 133   | -1.496 |
| 90 | 1514 | 323    | 045   | 164   | -1.480 |
| 90 | 1515 | 311    | 043   | 169   | -1.483 |
| 90 | 1516 | 363    | 056   | 188   | -1.574 |
| 90 | 1517 | 318    | 045   | 164   | -1.494 |
| 90 | 1518 | 328    | 042   | 158   | -1.475 |
| 90 | 1519 | 320    | 043   | 176   | -1.498 |
| 90 | 1520 | 388    | 067   | 213   | -1.762 |
| 90 | 1521 | 354    | 060   | 184   | -1.800 |
| 90 | 1522 | 363    | 061   | 158   | -1.635 |
| 90 | 1523 | 354    | 059   | 211   | -1.614 |
| 90 | 1524 | 404    | 097   | 122   | -1.909 |
| 90 | 1525 | 390    | 101   | 136   | -1.907 |
| 90 | 1526 | 417    | 111   | 112   | -1.942 |
| 90 | 1527 | 402    | 088   | 110   | -1.805 |
| 90 | 1528 | 269    | 105   | 020   | -1.831 |
| 90 | 1529 | 309    | 086   | 057   | -1.630 |
| 90 | 1530 | 250    | 086   | 009   | -1.679 |
| 90 | 1531 | 182    | 071   | 710   | -1.015 |
| 90 | 1532 | 279    | 109   | 055   | -1.638 |
| 90 | 1601 | 288    | 063   | 092   | -1.910 |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|
| 90 | 1602 | 299    | 059   | 136   | -1.602 |
| 90 | 1603 | 297    | 057   | 123   | -1.623 |
| 90 | 1604 | 304    | 053   | 117   | -1.616 |
| 90 | 1605 | 290    | 049   | 116   | -1.617 |
| 90 | 1606 | 001    | 048   | 189   | -1.584 |
| 90 | 1607 | 290    | 046   | 154   | -1.587 |
| 90 | 1608 | 291    | 042   | 148   | -1.457 |
| 90 | 1609 | 294    | 038   | 177   | -1.420 |
| 90 | 1610 | 301    | 035   | 160   | -1.427 |
| 90 | 1611 | 290    | 037   | 147   | -1.432 |
| 90 | 1612 | 293    | 038   | 175   | -1.445 |
| 90 | 1613 | 277    | 038   | 155   | -1.424 |
| 90 | 1614 | 318    | 043   | 202   | -1.359 |
| 90 | 1615 | 303    | 043   | 149   | -1.324 |
| 90 | 1616 | 308    | 045   | 160   | -1.323 |
| 90 | 1617 | 287    | 047   | 127   | -1.323 |
| 90 | 1618 | 297    | 041   | 158   | -1.436 |
| 90 | 1619 | 345    | 054   | 167   | -1.544 |
| 90 | 1620 | 338    | 049   | 171   | -1.522 |
| 90 | 1621 | 306    | 050   | 160   | -1.527 |
| 90 | 1622 | 312    | 056   | 123   | -1.583 |
| 90 | 1623 | 294    | 057   | 079   | -1.577 |
| 90 | 1624 | 444    | 099   | 191   | -1.110 |
| 90 | 1625 | 432    | 105   | 168   | -1.375 |
| 90 | 1626 | 456    | 107   | 208   | -1.301 |
| 90 | 1627 | 397    | 078   | 173   | -1.906 |
| 90 | 1628 | 383    | 072   | 164   | -1.782 |
| 90 | 1629 | 315    | 072   | 057   | -1.583 |
| 90 | 1630 | 410    | 081   | 182   | -1.083 |
| 90 | 1631 | 244    | 062   | 000   | -1.322 |
| 90 | 1632 | 374    | 067   | 131   | -1.632 |
| 90 | 1633 | 350    | 062   | 144   | -1.579 |
| 90 | 1634 | 343    | 063   | 147   | -1.594 |
| 90 | 1635 | 335    | 067   | 103   | -1.643 |
| 90 | 1701 | 073    | 089   | 263   | -1.437 |
| 90 | 1702 | 209    | 081   | 021   | -1.445 |
| 90 | 1703 | 156    | 072   | 077   | -1.447 |
| 90 | 1704 | 114    | 091   | 419   | -1.228 |
| 90 | 1705 | 003    | 073   | 320   | -1.311 |
| 90 | 1706 | 172    | 079   | 117   | -1.438 |
| 90 | 1707 | 061    | 072   | 180   | -1.375 |
| 90 | 1708 | 059    | 127   | 312   | -1.644 |
| 90 | 1709 | 339    | 077   | 101   | -1.730 |
| 90 | 1710 | 326    | 074   | 147   | -1.805 |
| 90 | 1711 | 202    | 118   | 286   | -1.579 |
| 90 | 1712 | 055    | 067   | 309   | -1.197 |
| 90 | 1713 | 062    | 098   | 265   | -1.521 |
| 90 | 1714 | 338    | 145   | 163   | -1.771 |
| 90 | 1715 | 385    | 090   | 821   | -1.121 |
| 90 | 1716 | 385    | 130   | 876   | -0.069 |

## APPENDIX A -- PRESSURE DATA

## ONE DENVER PLACE -- DENVER, COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 90 | 1717 | .372   | .122  | .793  | -.009 |
| 90 | 1718 | .333   | .111  | .779  | -.007 |
| 90 | 1719 | .308   | .111  | .725  | -.023 |
| 90 | 1720 | .049   | .062  | .206  | -.327 |
| 90 | 1721 | .194   | .090  | .124  | -.646 |
| 90 | 1722 | .243   | .084  | .009  | -.617 |
| 90 | 1723 | .480   | .113  | -.069 | -.891 |
| 90 | 1724 | .422   | .109  | .988  | .117  |
| 90 | 1725 | .402   | .100  | .121  | -.931 |
| 90 | 1801 | .229   | .071  | -.028 | -.596 |
| 90 | 1802 | .244   | .069  | -.012 | -.529 |
| 90 | 1803 | .255   | .104  | .682  | .135  |
| 90 | 1804 | .094   | .081  | .135  | .438  |
| 90 | 1805 | .343   | .085  | .128  | .758  |
| 90 | 1806 | .101   | .048  | .101  | .306  |
| 90 | 1807 | .054   | .057  | .146  | .286  |
| 90 | 1808 | .158   | .078  | .461  | .055  |
| 90 | 1809 | .176   | .147  | .712  | .426  |
| 90 | 1810 | .198   | .039  | .000  | .421  |
| 90 | 1811 | .089   | .043  | .327  | .050  |
| 90 | 1812 | .075   | .036  | .103  | .390  |
| 90 | 1813 | .267   | .062  | -.067 | .584  |
| 90 | 1814 | .111   | .043  | .177  | .253  |
| 90 | 1815 | .148   | .050  | .107  | .268  |
| 90 | 1816 | .148   | .066  | .380  | .030  |
| 90 | 1817 | .355   | .127  | .872  | .014  |
| 90 | 1818 | .122   | .076  | .146  | .460  |
| 90 | 1819 | .061   | .042  | .220  | .105  |
| 90 | 1820 | .067   | .050  | .154  | .268  |
| 90 | 1821 | .283   | .078  | -.067 | .621  |
| 90 | 1822 | .125   | .044  | .306  | .103  |
| 90 | 1823 | .054   | .048  | .288  | .071  |
| 90 | 1824 | .150   | .056  | .000  | .343  |
| 90 | 1825 | .326   | .100  | .811  | .039  |
| 90 | 1826 | .043   | .097  | .275  | .358  |
| 90 | 1827 | .114   | .036  | .044  | .239  |
| 90 | 1828 | .062   | .044  | .300  | .073  |
| 90 | 1829 | .309   | .086  | -.076 | .653  |
| 90 | 1830 | .160   | .043  | .005  | .342  |
| 90 | 1831 | .044   | .045  | .267  | .092  |
| 90 | 1832 | .123   | .053  | .073  | .361  |
| 90 | 1833 | .234   | .075  | .520  | .005  |
| 90 | 1834 | .092   | .109  | .279  | .484  |
| 90 | 1835 | .069   | .040  | .085  | .221  |
| 90 | 1836 | .273   | .074  | .576  | .027  |
| 90 | 1837 | .099   | .040  | .267  | .036  |
| 90 | 1838 | .084   | .103  | .326  | .593  |
| 90 | 1839 | .038   | .038  | .134  | .152  |
| 90 | 1840 | .180   | .052  | .391  | .039  |
| 90 | 1841 | .083   | .055  | .335  | .096  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 90 | 1842 | .139   | .072  | .433  | -.060 |
| 90 | 1843 | .044   | .038  | .101  | -.145 |
| 90 | 1844 | .111   | .040  | .265  | -.078 |
| 90 | 1845 | .086   | .044  | .264  | -.030 |
| 90 | 1846 | .124   | .062  | .368  | -.063 |
| 90 | 1847 | .158   | .050  | .005  | -.348 |
| 90 | 1848 | .190   | .049  | .391  | -.032 |
| 90 | 1849 | .096   | .038  | .025  | -.261 |
| 90 | 1850 | .057   | .039  | .033  | -.193 |
| 90 | 1851 | .102   | .032  | .207  | -.005 |
| 90 | 1852 | .102   | .032  | .207  | -.005 |
| 90 | 1853 | .050   | .028  | .058  | -.147 |
| 90 | 1854 | .040   | .032  | .158  | -.051 |
| 90 | 1855 | .089   | .038  | .236  | -.041 |
| 90 | 1856 | .135   | .055  | .010  | -.352 |
| 90 | 1857 | .125   | .051  | .324  | -.039 |
| 90 | 1858 | .182   | .048  | .039  | -.358 |
| 90 | 1859 | .125   | .064  | .053  | -.407 |
| 90 | 1860 | .000   | .000  | .000  | -.000 |
| 90 | 1861 | .237   | .129  | .058  | -.216 |
| 90 | 1862 | .244   | .136  | .112  | -.046 |
| 90 | 1863 | .332   | .246  | .161  | -.431 |
| 90 | 1864 | .279   | .056  | .458  | .113  |
| 90 | 1865 | .143   | .061  | .041  | .370  |
| 90 | 1866 | .022   | .074  | .265  | .350  |
| 90 | 1867 | .187   | .088  | .072  | .533  |
| 90 | 1868 | .239   | .054  | .421  | .052  |
| 90 | 1869 | .071   | .054  | .135  | .044  |
| 90 | 1870 | .119   | .082  | .450  | .234  |
| 90 | 1871 | .020   | .062  | .260  | .280  |
| 90 | 1872 | .130   | .068  | .392  | .089  |
| 90 | 1873 | .273   | .126  | .058  | .742  |
| 90 | 1874 | .046   | .117  | .453  | .538  |
| 90 | 2101 | .370   | .061  | -.178 | .619  |
| 90 | 2102 | .356   | .061  | -.153 | .688  |
| 90 | 2103 | .374   | .060  | -.174 | .633  |
| 90 | 2104 | .360   | .061  | -.173 | .680  |
| 90 | 2105 | .453   | .093  | -.106 | .747  |
| 90 | 2106 | .347   | .057  | -.153 | .549  |
| 90 | 2107 | .374   | .058  | -.185 | .601  |
| 90 | 2108 | .341   | .054  | -.170 | .526  |
| 90 | 2109 | .340   | .053  | -.120 | .594  |
| 90 | 2110 | .310   | .054  | -.119 | .508  |
| 90 | 2111 | .337   | .053  | -.138 | .518  |
| 90 | 2112 | .329   | .052  | -.170 | .529  |
| 90 | 2113 | .338   | .056  | -.160 | .522  |
| 90 | 2114 | .288   | .058  | -.007 | .588  |
| 90 | 2115 | .313   | .056  | -.123 | .606  |
| 90 | 2116 | .316   | .059  | -.107 | .626  |
| 90 | 2117 | .312   | .066  | -.108 | .987  |

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|-------|
| 90 | 2118 | .300   | .072  | -.017 | -.632 |
| 90 | 2119 | .339   | .072  | -.125 | -.691 |
| 90 | 2120 | .348   | .076  | -.129 | -.711 |
| 90 | 2121 | .390   | .090  | -.107 | -.875 |
| 90 | 2122 | .372   | .092  | -.060 | -.880 |
| 90 | 2123 | .386   | .098  | -.119 | -.070 |
| 90 | 2124 | .378   | .098  | -.127 | -.042 |
| 90 | 2125 | .410   | .114  | -.124 | -.386 |
| 90 | 2126 | .371   | .122  | -.056 | -.372 |
| 90 | 2127 | .397   | .111  | -.070 | -.954 |
| 90 | 2128 | .389   | .111  | -.087 | -.898 |
| 90 | 2129 | .363   | .117  | -.012 | -.989 |
| 90 | 2130 | .404   | .166  | -.017 | -.426 |
| 90 | 2201 | .352   | .054  | -.163 | -.528 |
| 90 | 2202 | .329   | .051  | -.155 | -.517 |
| 90 | 2203 | .321   | .048  | -.170 | -.549 |
| 90 | 2204 | .341   | .049  | -.172 | -.486 |
| 90 | 2205 | .370   | .051  | -.210 | -.583 |
| 90 | 2206 | .368   | .054  | -.163 | -.551 |
| 90 | 2207 | .332   | .050  | -.174 | -.525 |
| 90 | 2208 | .371   | .055  | -.187 | -.561 |
| 90 | 2209 | .357   | .053  | -.195 | -.573 |
| 90 | 2210 | .345   | .051  | -.177 | -.551 |
| 90 | 2211 | .326   | .054  | -.104 | -.521 |
| 90 | 2212 | .347   | .055  | -.131 | -.527 |
| 90 | 2213 | .374   | .057  | -.190 | -.558 |
| 90 | 2214 | .327   | .061  | -.085 | -.672 |
| 90 | 2215 | .290   | .052  | -.042 | -.490 |
| 90 | 2216 | .309   | .051  | -.024 | -.474 |
| 90 | 2217 | .345   | .050  | -.163 | -.506 |
| 90 | 2218 | .348   | .050  | -.180 | -.517 |
| 90 | 2219 | .315   | .070  | -.035 | -.808 |
| 90 | 2220 | .316   | .058  | -.087 | -.561 |
| 90 | 2221 | .335   | .054  | -.168 | -.568 |
| 90 | 2222 | .334   | .054  | -.124 | -.539 |
| 90 | 2223 | .334   | .058  | -.151 | -.539 |
| 90 | 2224 | .363   | .088  | -.121 | -.872 |
| 90 | 2225 | .342   | .065  | -.165 | -.623 |
| 90 | 2226 | .300   | .054  | -.124 | -.488 |
| 90 | 2227 | .254   | .078  | -.151 | -.530 |
| 90 | 2228 | .364   | .073  | -.002 | -.646 |
| 90 | 2229 | .354   | .094  | -.103 | -.884 |
| 90 | 2230 | .294   | .063  | -.059 | -.582 |
| 90 | 2231 | .229   | .055  | -.052 | -.462 |
| 90 | 2232 | .136   | .098  | -.274 | -.393 |
| 90 | 2233 | .356   | .067  | -.150 | -.633 |
| 90 | 2234 | .319   | .058  | -.129 | -.517 |
| 90 | 2235 | .174   | .068  | -.087 | -.421 |
| 90 | 2236 | .170   | .066  | -.087 | -.389 |
| 90 | 2237 | .025   | .114  | .689  | -.388 |

## APPENDIX A -- PRESSURE DATA

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|----|-------|--------|-------|-------|-------|----|------|--------|-------|-------|-------|----|------|--------|-------|-------|-------|
| 90 | 22338 | .244   | .058  | .007  | .443  | 90 | 2414 | .092   | .051  | .078  | .249  | 90 | 2529 | .151   | .077  | .452  | .091  |
| 90 | 22339 | .278   | .064  | .004  | .539  | 90 | 2415 | .101   | .072  | .339  | .099  | 90 | 2530 | .278   | .101  | .633  | .010  |
| 90 | 22340 | .190   | .070  | .051  | .309  | 90 | 2416 | .208   | .087  | .501  | .029  | 90 | 2531 | .238   | .064  | .505  | .069  |
| 90 | 22341 | .229   | .053  | .009  | .463  | 90 | 2417 | .325   | .109  | .630  | .022  | 90 | 2532 | .237   | .093  | .668  | .005  |
| 90 | 22342 | .292   | .071  | .042  | .749  | 90 | 2418 | .342   | .163  | .765  | .282  | 90 | 2601 | .097   | .160  | .509  | .500  |
| 90 | 22343 | .408   | .066  | .167  | .789  | 90 | 2419 | .111   | .051  | .092  | .290  | 90 | 2602 | .067   | .092  | .375  | .232  |
| 90 | 22344 | .399   | .064  | .149  | .714  | 90 | 2420 | .088   | .064  | .312  | .108  | 90 | 2603 | .055   | .081  | .340  | .208  |
| 90 | 22345 | .399   | .059  | .195  | .684  | 90 | 2421 | .240   | .099  | .546  | .025  | 90 | 2604 | .012   | .072  | .302  | .249  |
| 90 | 22346 | .372   | .058  | .178  | .575  | 90 | 2422 | .299   | .112  | .645  | .087  | 90 | 2605 | .015   | .065  | .227  | .258  |
| 90 | 22347 | .469   | .080  | .114  | .731  | 90 | 2423 | .328   | .142  | .747  | .346  | 90 | 2606 | .132   | .056  | .110  | .325  |
| 90 | 22348 | .386   | .057  | .185  | .589  | 90 | 2424 | .067   | .053  | .149  | .239  | 90 | 2607 | .226   | .211  | .915  | .446  |
| 90 | 22349 | .377   | .054  | .198  | .577  | 90 | 2425 | .041   | .063  | .298  | .125  | 90 | 2608 | .090   | .052  | .200  | .249  |
| 90 | 22350 | .377   | .053  | .178  | .560  | 90 | 2426 | .113   | .073  | .393  | .078  | 90 | 2609 | .184   | .221  | .801  | .449  |
| 90 | 22351 | .382   | .051  | .214  | .550  | 90 | 2427 | .173   | .090  | .530  | .067  | 90 | 2610 | .325   | .120  | .767  | .098  |
| 90 | 22352 | .376   | .052  | .240  | .531  | 90 | 2428 | .198   | .104  | .562  | .143  | 90 | 2611 | .217   | .095  | .594  | .026  |
| 90 | 22353 | .371   | .049  | .218  | .532  | 90 | 2429 | .031   | .058  | .249  | .229  | 90 | 2612 | .117   | .081  | .485  | .095  |
| 90 | 22354 | .368   | .047  | .195  | .494  | 90 | 2430 | .209   | .082  | .560  | .013  | 90 | 2613 | .076   | .056  | .206  | .251  |
| 90 | 22355 | .368   | .050  | .194  | .512  | 90 | 2431 | .137   | .073  | .408  | .036  | 90 | 2614 | .024   | .219  | .764  | .745  |
| 90 | 22356 | .361   | .053  | .180  | .538  | 90 | 2432 | .188   | .079  | .439  | .009  | 90 | 2615 | .218   | .103  | .613  | .323  |
| 90 | 22357 | .353   | .050  | .177  | .527  | 90 | 2433 | .226   | .092  | .564  | .013  | 90 | 2616 | .173   | .091  | .519  | .054  |
| 90 | 22358 | .327   | .049  | .160  | .490  | 90 | 2434 | .277   | .091  | .614  | .047  | 90 | 2617 | .058   | .074  | .373  | .134  |
| 90 | 22359 | .351   | .052  | .178  | .519  | 90 | 2435 | .266   | .091  | .577  | .036  | 90 | 2618 | .116   | .064  | .208  | .358  |
| 90 | 22360 | .376   | .067  | .158  | .671  | 90 | 2501 | .346   | .126  | .740  | .029  | 90 | 2619 | .184   | .198  | .462  | .824  |
| 90 | 22361 | .376   | .065  | .157  | .674  | 90 | 2502 | .338   | .138  | .714  | .115  | 90 | 2620 | .027   | .097  | .434  | .641  |
| 90 | 22362 | .343   | .060  | .145  | .582  | 90 | 2503 | .677   | .146  | .161  | .088  | 90 | 2621 | .010   | .062  | .351  | .153  |
| 90 | 22363 | .335   | .056  | .185  | .541  | 90 | 2504 | .782   | .144  | .249  | .150  | 90 | 2622 | .047   | .060  | .234  | .205  |
| 90 | 22364 | .386   | .074  | .118  | .736  | 90 | 2505 | .715   | .131  | .236  | .119  | 90 | 2623 | .162   | .060  | .105  | .405  |
| 90 | 22365 | .391   | .080  | .155  | .734  | 90 | 2506 | .341   | .124  | .688  | .026  | 90 | 2624 | .213   | .137  | .175  | .772  |
| 90 | 22366 | .401   | .083  | .156  | .709  | 90 | 2507 | .364   | .127  | .759  | .014  | 90 | 2625 | .022   | .085  | .239  | .526  |
| 90 | 22367 | .394   | .081  | .165  | .744  | 90 | 2508 | .471   | .137  | .833  | .071  | 90 | 2626 | .004   | .055  | .196  | .208  |
| 90 | 22368 | .430   | .083  | .180  | .740  | 90 | 2509 | .494   | .136  | .913  | .079  | 90 | 2627 | .048   | .047  | .139  | .218  |
| 90 | 22369 | .437   | .085  | .166  | .810  | 90 | 2510 | .596   | .144  | .044  | .141  | 90 | 2628 | .185   | .058  | .041  | .451  |
| 90 | 22370 | .428   | .085  | .015  | .613  | 90 | 2511 | .571   | .144  | .994  | .108  | 90 | 2629 | .050   | .114  | .397  | .507  |
| 90 | 22371 | .320   | .090  | .085  | .103  | 90 | 2512 | .577   | .142  | .023  | .095  | 90 | 2630 | .108   | .083  | .268  | .375  |
| 90 | 22372 | .046   | .092  | .316  | .376  | 90 | 2513 | .656   | .144  | .035  | .225  | 90 | 2631 | .137   | .110  | .534  | .338  |
| 90 | 22373 | .191   | .115  | .191  | .716  | 90 | 2514 | .615   | .153  | .063  | .203  | 90 | 2632 | .201   | .095  | .638  | .219  |
| 90 | 22374 | .107   | .061  | .345  | .075  | 90 | 2515 | .508   | .155  | .037  | .053  | 90 | 2633 | .102   | .079  | .557  | .131  |
| 90 | 22401 | .145   | .051  | .078  | .303  | 90 | 2516 | .486   | .143  | .979  | .024  | 90 | 2634 | .062   | .079  | .430  | .129  |
| 90 | 22402 | .044   | .060  | .189  | .245  | 90 | 2517 | .520   | .145  | .966  | .146  | 90 | 2635 | .038   | .087  | .482  | .204  |
| 90 | 22403 | .017   | .064  | .193  | .222  | 90 | 2518 | .486   | .151  | .953  | .098  | 90 | 2701 | .220   | .057  | .487  | .049  |
| 90 | 22404 | .050   | .072  | .299  | .211  | 90 | 2519 | .352   | .149  | .839  | .041  | 90 | 2702 | .210   | .067  | .000  | .454  |
| 90 | 22405 | .052   | .084  | .343  | .196  | 90 | 2520 | .373   | .141  | .862  | .054  | 90 | 2703 | .268   | .068  | .057  | .487  |
| 90 | 22406 | .103   | .123  | .489  | .402  | 90 | 2521 | .355   | .130  | .822  | .069  | 90 | 2704 | .383   | .128  | .038  | .158  |
| 90 | 22407 | .101   | .048  | .144  | .263  | 90 | 2522 | .336   | .113  | .791  | .062  | 90 | 2705 | .366   | .129  | .188  | .030  |
| 90 | 22408 | .253   | .147  | .681  | .356  | 90 | 2523 | .169   | .095  | .582  | .093  | 90 | 2706 | .324   | .149  | .054  | .175  |
| 90 | 22409 | .105   | .049  | .056  | .267  | 90 | 2524 | .225   | .111  | .636  | .073  | 90 | 2707 | .319   | .113  | .105  | .910  |
| 90 | 22410 | .117   | .073  | .396  | .091  | 90 | 2525 | .209   | .100  | .605  | .045  | 90 | 2708 | .241   | .113  | .095  | .644  |
| 90 | 22411 | .308   | .107  | .682  | .009  | 90 | 2526 | .196   | .094  | .635  | .096  | 90 | 2709 | .129   | .155  | .301  | .819  |
| 90 | 22412 | .281   | .121  | .795  | .015  | 90 | 2527 | .070   | .071  | .352  | .175  | 90 | 2710 | .047   | .183  | .534  | .796  |
| 90 | 24113 | .316   | .198  | .884  | .468  | 90 | 2528 | .196   | .082  | .553  | .115  | 90 | 2711 | .378   | .129  | .228  | .044  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 90 | 2712 | -.343  | .138  | -.015 | -1.485 | 90  | 2837 | -.119  | .049  | .079  | -.374  | 105 | 201  | -.129  | .067  | .081  | -.370  |
| 90 | 2713 | -.347  | .183  | -.122 | -1.332 | 90  | 2838 | -.111  | .083  | .230  | -.496  | 105 | 202  | -.328  | .089  | .007  | -.680  |
| 90 | 2714 | -.228  | .121  | .205  | -.809  | 90  | 2839 | -.014  | .094  | .313  | -.331  | 105 | 203  | -.387  | .091  | -.045 | -.682  |
| 90 | 2715 | -.340  | .192  | .955  | -.367  | 90  | 2840 | -.086  | .054  | .248  | -.160  | 105 | 204  | -.405  | .093  | -.115 | -1.300 |
| 90 | 2716 | -.356  | .125  | .015  | -1.148 | 90  | 2841 | -.171  | .060  | .005  | -.466  | 105 | 205  | -.412  | .088  | -.168 | -.785  |
| 90 | 2717 | -.342  | .107  | .088  | -.901  | 90  | 2842 | -.253  | .071  | .002  | -.554  | 105 | 206  | -.435  | .106  | -.144 | -.972  |
| 90 | 2718 | -.360  | .107  | .037  | -.841  | 90  | 2843 | -.002  | .083  | .283  | -.298  | 105 | 207  | -.601  | .143  | -.196 | -1.185 |
| 90 | 2719 | -.384  | .109  | .005  | -.872  | 90  | 2844 | -.166  | .056  | .413  | -.123  | 105 | 208  | -.453  | .148  | -.071 | -1.037 |
| 90 | 2720 | -.404  | .162  | 1.343 | -.084  | 90  | 2845 | -.172  | .067  | .076  | -.408  | 105 | 209  | -.276  | .066  | -.031 | -.498  |
| 90 | 2721 | -.400  | .226  | .171  | -.797  | 90  | 2846 | -.137  | .070  | .145  | -.434  | 105 | 210  | -.241  | .074  | -.046 | -.509  |
| 90 | 2722 | -.400  | .242  | .152  | -.712  | 90  | 2847 | -.022  | .090  | .338  | -.306  | 105 | 211  | -.428  | .089  | -.133 | -.735  |
| 90 | 2723 | -.197  | .159  | .183  | -.496  | 90  | 2848 | -.096  | .107  | .182  | -.622  | 105 | 212  | -.440  | .092  | -.154 | -.785  |
| 90 | 2724 | -.291  | .203  | .974  | -.487  | 90  | 2849 | -.009  | .079  | .264  | -.281  | 105 | 1101 | -.030  | .078  | .234  | -.297  |
| 90 | 2725 | -.296  | .198  | .432  | -.984  | 90  | 2850 | -.070  | .074  | .382  | -.225  | 105 | 1102 | -.193  | .105  | .539  | -.160  |
| 90 | 2801 | -.380  | .132  | .025  | -1.080 | 90  | 2851 | -.065  | .044  | .094  | -.190  | 105 | 1103 | .069   | .097  | .430  | -.245  |
| 90 | 2802 | -.414  | .155  | .301  | -.361  | 90  | 2852 | -.065  | .044  | .094  | -.190  | 105 | 1104 | .165   | .107  | .584  | -.185  |
| 90 | 2803 | -.373  | .158  | 1.159 | -.256  | 90  | 2853 | -.214  | .063  | -.016 | -.525  | 105 | 1105 | -.510  | .184  | .154  | -1.055 |
| 90 | 2804 | -.339  | .127  | .464  | -.593  | 90  | 2854 | -.140  | .054  | -.078 | -.325  | 105 | 1106 | .236   | .114  | .663  | -.157  |
| 90 | 2805 | -.255  | .092  | .110  | -.606  | 90  | 2855 | -.108  | .046  | .084  | -.319  | 105 | 1107 | .243   | .114  | .700  | -.128  |
| 90 | 2806 | -.646  | .176  | -.090 | -1.403 | 90  | 2856 | -.093  | .049  | .069  | -.362  | 105 | 1108 | .037   | .076  | .387  | -.206  |
| 90 | 2807 | -.312  | .143  | .964  | -.062  | 90  | 2857 | -.073  | .060  | .155  | -.269  | 105 | 1109 | .442   | .138  | .822  | -.299  |
| 90 | 2808 | -.393  | .131  | .232  | -1.033 | 90  | 2858 | -.003  | .205  | .496  | -.868  | 105 | 1110 | .002   | .068  | .268  | -.235  |
| 90 | 2809 | -.373  | .268  | .192  | -1.969 | 90  | 2859 | -.274  | .087  | -.034 | -.718  | 105 | 1111 | .387   | .111  | .698  | -.019  |
| 90 | 2810 | -.226  | .160  | .383  | -.674  | 90  | 2860 | -.237  | .055  | -.074 | -.462  | 105 | 1112 | .408   | .114  | .718  | -.047  |
| 90 | 2811 | -.203  | .181  | .851  | -.406  | 90  | 2861 | -.229  | .054  | -.059 | -.473  | 105 | 1113 | .508   | .145  | .964  | -.031  |
| 90 | 2812 | -.002  | .092  | .325  | -.689  | 90  | 2862 | -.198  | .047  | -.058 | -.367  | 105 | 1114 | .050   | .067  | .199  | -.325  |
| 90 | 2813 | -.269  | .077  | -.007 | -.589  | 90  | 2863 | -.214  | .045  | -.068 | -.378  | 105 | 1115 | .329   | .111  | .653  | -.012  |
| 90 | 2814 | -.390  | .170  | -.153 | -1.503 | 90  | 2864 | -.272  | .126  | .145  | -.815  | 105 | 1116 | .345   | .114  | .661  | -.023  |
| 90 | 2815 | -.280  | .102  | .785  | -.002  | 90  | 2865 | -.215  | .061  | -.047 | -.550  | 105 | 1117 | .435   | .139  | .891  | -.012  |
| 90 | 2816 | -.176  | .079  | .066  | -.611  | 90  | 2866 | -.167  | .051  | -.013 | -.385  | 105 | 1118 | -.087  | .076  | .214  | -.302  |
| 90 | 2817 | -.192  | .113  | .135  | -.756  | 90  | 2867 | -.202  | .046  | -.070 | -.412  | 105 | 1119 | .223   | .103  | .629  | -.080  |
| 90 | 2818 | -.072  | .133  | .406  | -.589  | 90  | 2868 | -.186  | .129  | -.279 | -.770  | 105 | 1120 | .234   | .108  | .668  | -.009  |
| 90 | 2819 | -.056  | .152  | .568  | -.399  | 90  | 2869 | -.195  | .064  | .020  | -.432  | 105 | 1121 | .287   | .137  | .787  | -.173  |
| 90 | 2820 | -.043  | .086  | .344  | -.300  | 90  | 2870 | -.142  | .053  | .029  | -.340  | 105 | 1122 | .207   | .084  | .162  | -.541  |
| 90 | 2821 | -.279  | .096  | .022  | -.646  | 90  | 2871 | -.126  | .061  | .068  | -.326  | 105 | 1123 | .083   | .087  | .528  | -.185  |
| 90 | 2822 | -.621  | .216  | 1.572 | -.153  | 90  | 2872 | -.151  | .046  | .033  | -.324  | 105 | 1124 | .110   | .091  | .582  | -.107  |
| 90 | 2823 | -.231  | .086  | .018  | -.664  | 90  | 2873 | -.165  | .043  | -.002 | -.313  | 105 | 1125 | .176   | .112  | .674  | -.261  |
| 90 | 2824 | -.173  | .065  | .428  | -.066  | 105 | 101  | -.824  | .194  | -.020 | -.297  | 105 | 1126 | -.278  | .100  | .104  | -.739  |
| 90 | 2825 | -.125  | .084  | .156  | -.554  | 105 | 102  | -.636  | .134  | -.192 | -1.185 | 105 | 1127 | -.052  | .067  | .265  | -.315  |
| 90 | 2826 | -.050  | .111  | .304  | -.479  | 105 | 103  | -.595  | .176  | -.038 | -1.682 | 105 | 1128 | .194   | .100  | .603  | -.087  |
| 90 | 2827 | -.107  | .117  | .258  | -.501  | 105 | 104  | -.314  | .158  | -.244 | -.821  | 105 | 1129 | .250   | .113  | .660  | -.026  |
| 90 | 2828 | -.044  | .080  | .295  | -.285  | 105 | 105  | -.445  | .124  | -.048 | -.872  | 105 | 1130 | .107   | .132  | .389  | -.551  |
| 90 | 2829 | -.204  | .070  | .005  | -.603  | 105 | 106  | -.375  | .107  | -.021 | -.874  | 105 | 1201 | .282   | .134  | .693  | -.132  |
| 90 | 2830 | -.302  | .120  | -.160 | -.938  | 105 | 107  | -.453  | .125  | -.118 | -1.131 | 105 | 1202 | .218   | .133  | .638  | -.164  |
| 90 | 2831 | -.243  | .069  | .045  | -.524  | 105 | 108  | -.479  | .112  | -.171 | -.957  | 105 | 1203 | .154   | .120  | .518  | -.226  |
| 90 | 2832 | -.180  | .060  | .413  | -.037  | 105 | 109  | -.458  | .079  | -.214 | -.850  | 105 | 1204 | .093   | .110  | .456  | -.261  |
| 90 | 2833 | -.133  | .067  | .054  | -.447  | 105 | 110  | -.505  | .107  | -.150 | -.990  | 105 | 1205 | -.002  | .104  | .397  | -.371  |
| 90 | 2834 | -.121  | .081  | .142  | -.494  | 105 | 111  | -.616  | .131  | -.163 | -1.135 | 105 | 1206 | -.189  | .101  | .195  | -.570  |
| 90 | 2835 | -.025  | .111  | .328  | -.318  | 105 | 112  | -.532  | .147  | .063  | -1.091 | 105 | 1207 | -.569  | .167  | 1.119 | -.024  |
| 90 | 2836 | -.246  | .081  | .558  | -.030  | 105 |      |        |       |       |        | 105 | 1208 | -.236  | .115  | .150  | -.729  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEARH | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPNEARH | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEARH | CPRMS | CPMAX | CPMIN  |
|-----|------|---------|-------|-------|-------|-----|------|---------|-------|-------|--------|-----|------|---------|-------|-------|--------|
| 105 | 1209 | .607    | .168  | 1.183 | .116  | 105 | 1317 | -.487   | .150  | -.009 | -1.158 | 105 | 1435 | -.252   | .090  | -.019 | -.536  |
| 105 | 1210 | .563    | .164  | 1.114 | .113  | 105 | 1318 | -.533   | .146  | -.236 | -1.489 | 105 | 1501 | -.349   | .100  | -.015 | -.230  |
| 105 | 1211 | .268    | .133  | .751  | -.254 | 105 | 1319 | -.529   | .143  | -.144 | -1.259 | 105 | 1502 | -.362   | .111  | -.002 | -.949  |
| 105 | 1212 | .071    | .115  | .508  | .361  | 105 | 1320 | -.496   | .134  | -.036 | -1.155 | 105 | 1503 | -.389   | .108  | -.074 | -1.184 |
| 105 | 1213 | -.247   | .090  | .085  | -.356 | 105 | 1321 | -.413   | .115  | -.005 | -.836  | 105 | 1504 | -.378   | .097  | -.045 | -.904  |
| 105 | 1214 | .541    | .166  | .004  | .045  | 105 | 1322 | -.837   | .274  | -.133 | -2.099 | 105 | 1505 | -.378   | .104  | -.106 | -1.020 |
| 105 | 1215 | .522    | .156  | .028  | .086  | 105 | 1323 | -.259   | .129  | .060  | -1.062 | 105 | 1506 | -.384   | .113  | -.062 | -1.229 |
| 105 | 1216 | .405    | .139  | .843  | .043  | 105 | 1324 | -.255   | .122  | .068  | -.663  | 105 | 1507 | -.391   | .108  | -.002 | -1.104 |
| 105 | 1217 | .040    | .106  | .447  | .319  | 105 | 1325 | -.341   | .101  | .023  | -.797  | 105 | 1508 | -.346   | .088  | -.097 | -.877  |
| 105 | 1218 | -.420   | .080  | .040  | -.542 | 105 | 1326 | -.335   | .120  | .099  | -.797  | 105 | 1509 | -.351   | .085  | -.080 | -.827  |
| 105 | 1219 | .420    | .160  | .969  | .012  | 105 | 1327 | -.232   | .092  | .103  | -.582  | 105 | 1510 | -.344   | .084  | -.069 | -.733  |
| 105 | 1220 | .413    | .163  | .933  | .021  | 105 | 1328 | -.226   | .097  | .087  | -.576  | 105 | 1511 | -.368   | .071  | -.094 | -.676  |
| 105 | 1221 | .233    | .123  | .700  | .121  | 105 | 1329 | -.323   | .120  | .119  | -1.067 | 105 | 1512 | -.368   | .070  | -.022 | -.609  |
| 105 | 1222 | .073    | .096  | .420  | .211  | 105 | 1330 | -.055   | .150  | .460  | -.646  | 105 | 1513 | -.351   | .060  | -.091 | -.530  |
| 105 | 1223 | .234    | .089  | .081  | .620  | 105 | 1331 | -.033   | .163  | .478  | -.714  | 105 | 1514 | -.366   | .054  | -.098 | -.570  |
| 105 | 1224 | .239    | .126  | .793  | .040  | 105 | 1332 | -.063   | .094  | .295  | -.530  | 105 | 1515 | -.386   | .055  | -.181 | -.640  |
| 105 | 1225 | .277    | .133  | .847  | .099  | 105 | 1401 | -.016   | .115  | .016  | -.869  | 105 | 1516 | -.413   | .062  | -.160 | -.636  |
| 105 | 1226 | .254    | .130  | .793  | .108  | 105 | 1402 | -.347   | .129  | .027  | -1.477 | 105 | 1517 | -.393   | .055  | -.160 | -.610  |
| 105 | 1227 | .161    | .108  | .629  | .107  | 105 | 1403 | -.356   | .126  | -.062 | -1.173 | 105 | 1518 | -.401   | .060  | -.203 | -.666  |
| 105 | 1228 | .178    | .085  | .145  | .511  | 105 | 1404 | -.356   | .108  | .073  | -.922  | 105 | 1519 | -.407   | .063  | -.207 | -.709  |
| 105 | 1229 | .235    | .139  | .760  | .170  | 105 | 1405 | -.314   | .098  | .009  | -.843  | 105 | 1520 | -.443   | .080  | -.193 | -.899  |
| 105 | 1230 | .233    | .134  | .760  | .150  | 105 | 1406 | -.344   | .106  | -.022 | -1.077 | 105 | 1521 | -.420   | .075  | -.169 | -.790  |
| 105 | 1231 | .238    | .125  | .686  | .157  | 105 | 1407 | -.324   | .110  | .031  | -.755  | 105 | 1522 | -.435   | .071  | -.256 | -.733  |
| 105 | 1232 | .276    | .124  | .717  | .056  | 105 | 1408 | -.397   | .078  | .090  | -.651  | 105 | 1523 | -.451   | .079  | -.223 | -.877  |
| 105 | 1233 | .310    | .125  | .731  | .059  | 105 | 1409 | -.360   | .111  | .037  | -.979  | 105 | 1524 | -.450   | .114  | -.148 | -.931  |
| 105 | 1234 | .197    | .116  | .607  | .138  | 105 | 1410 | -.362   | .098  | .082  | -.930  | 105 | 1525 | -.433   | .115  | -.126 | -.823  |
| 105 | 1235 | .301    | .158  | .902  | .239  | 105 | 1411 | -.349   | .079  | .115  | -.690  | 105 | 1526 | -.473   | .125  | -.131 | -.082  |
| 105 | 1236 | .284    | .150  | .822  | .320  | 105 | 1412 | -.351   | .073  | .068  | -.629  | 105 | 1527 | -.494   | .121  | -.047 | -.108  |
| 105 | 1237 | .365    | .135  | .865  | .010  | 105 | 1413 | -.321   | .074  | .019  | -.596  | 105 | 1528 | -.329   | .140  | .025  | -1.146 |
| 105 | 1238 | .395    | .142  | .934  | .027  | 105 | 1414 | -.430   | .107  | .094  | -1.108 | 105 | 1529 | -.340   | .110  | .029  | -.810  |
| 105 | 1239 | .448    | .162  | .098  | .065  | 105 | 1415 | -.416   | .093  | .123  | -.870  | 105 | 1530 | -.280   | .113  | .027  | -.797  |
| 105 | 1240 | .302    | .162  | .850  | .406  | 105 | 1416 | -.419   | .084  | .157  | -.825  | 105 | 1531 | -.186   | .071  | -.614 | .000   |
| 105 | 1241 | .269    | .119  | .650  | .007  | 105 | 1417 | -.382   | .062  | .138  | -.589  | 105 | 1532 | -.313   | .134  | -.002 | -1.032 |
| 105 | 1242 | .414    | .163  | .135  | .012  | 105 | 1418 | -.390   | .064  | .104  | -.626  | 105 | 1601 | -.425   | .119  | -.062 | -1.003 |
| 105 | 1301 | .770    | .277  | .040  | -.018 | 105 | 1419 | -.429   | .094  | .168  | -1.000 | 105 | 1602 | -.429   | .100  | -.163 | -.949  |
| 105 | 1302 | .614    | .199  | .046  | -.136 | 105 | 1420 | -.437   | .088  | .179  | -.869  | 105 | 1603 | -.406   | .081  | -.192 | -.881  |
| 105 | 1303 | .322    | .194  | .248  | -.141 | 105 | 1421 | -.399   | .073  | .206  | -.745  | 105 | 1604 | -.398   | .067  | -.193 | -.841  |
| 105 | 1304 | .303    | .155  | .172  | .050  | 105 | 1422 | -.421   | .071  | .137  | -.754  | 105 | 1605 | -.367   | .059  | -.195 | -.637  |
| 105 | 1305 | .415    | .182  | .241  | -.119 | 105 | 1423 | -.421   | .072  | .062  | -.791  | 105 | 1606 | -.405   | .059  | -.225 | -.183  |
| 105 | 1306 | .725    | .229  | .060  | .732  | 105 | 1424 | -.552   | .143  | .220  | -1.215 | 105 | 1607 | -.433   | .098  | -.176 | -.082  |
| 105 | 1307 | .554    | .211  | .086  | .077  | 105 | 1425 | -.459   | .125  | .133  | -1.189 | 105 | 1608 | -.362   | .051  | -.171 | -.544  |
| 105 | 1308 | .729    | .223  | .211  | .784  | 105 | 1426 | -.451   | .112  | .154  | -1.029 | 105 | 1609 | -.411   | .069  | -.242 | -.725  |
| 105 | 1309 | .317    | .178  | .255  | .990  | 105 | 1427 | -.419   | .091  | .197  | -.762  | 105 | 1610 | -.399   | .055  | -.209 | -.635  |
| 105 | 1310 | -.129   | .229  | .990  | .990  | 105 | 1428 | -.428   | .088  | .177  | -.799  | 105 | 1611 | -.378   | .052  | -.190 | -.600  |
| 105 | 1311 | .545    | .140  | .231  | .101  | 105 | 1429 | -.614   | .184  | .161  | -1.485 | 105 | 1612 | -.378   | .052  | -.207 | -.533  |
| 105 | 1312 | .573    | .161  | .218  | .229  | 105 | 1430 | -.300   | .107  | .039  | -.694  | 105 | 1613 | -.357   | .051  | -.191 | -.586  |
| 105 | 1313 | .528    | .206  | .182  | .581  | 105 | 1431 | -.454   | .114  | .159  | -.935  | 105 | 1614 | -.425   | .066  | -.227 | -.797  |
| 105 | 1314 | .499    | .115  | .243  | .248  | 105 | 1432 | -.333   | .078  | .070  | -.627  | 105 | 1615 | -.405   | .060  | -.228 | -.870  |
| 105 | 1315 | .531    | .122  | .171  | .269  | 105 | 1433 | -.271   | .079  | .014  | -.579  | 105 | 1616 | -.405   | .058  | -.236 | -.674  |
| 105 | 1316 | .532    | .136  | .148  | .414  | 105 | 1434 | -.322   | .096  | .010  | -.682  | 105 | 1617 | -.375   | .057  | -.186 | -.599  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|
| 105 | 1618 | -.381  | .062  | -.158 | -.603  | 105 | 1808 | -.178  | .102  | .575  | -.126 | 105 | 1857 | -.176  | .053  | -.025 | -.421  |
| 105 | 1619 | -.481  | .107  | -.212 | -1.202 | 105 | 1809 | -.296  | .179  | .988  | -.450 | 105 | 1858 | -.099  | .072  | .161  | -.472  |
| 105 | 1620 | -.460  | .089  | -.254 | -.890  | 105 | 1810 | -.166  | .085  | .251  | -.520 | 105 | 1859 | -.000  | .000  | .000  | .000   |
| 105 | 1621 | -.412  | .085  | -.175 | -.998  | 105 | 1811 | -.134  | .057  | .499  | -.063 | 105 | 1860 | -.388  | .233  | .109  | -1.757 |
| 105 | 1622 | -.412  | .086  | -.158 | -.900  | 105 | 1812 | -.017  | .050  | .209  | -.196 | 105 | 1861 | -.308  | .211  | .184  | -1.433 |
| 105 | 1623 | -.385  | .084  | -.120 | -.778  | 105 | 1813 | -.210  | .073  | .103  | -.471 | 105 | 1862 | -.131  | .218  | .358  | -1.114 |
| 105 | 1624 | -.592  | .167  | -.207 | -1.686 | 105 | 1814 | -.081  | .061  | .241  | -.267 | 105 | 1863 | -.275  | .072  | .530  | .058   |
| 105 | 1625 | -.578  | .146  | -.226 | -1.271 | 105 | 1815 | -.043  | .057  | .116  | -.325 | 105 | 1864 | -.166  | .076  | .045  | -.458  |
| 105 | 1626 | -.631  | .178  | -.167 | -1.692 | 105 | 1816 | -.133  | .072  | .468  | -.147 | 105 | 1865 | -.003  | .082  | .272  | -.346  |
| 105 | 1627 | -.583  | .172  | -.210 | -1.541 | 105 | 1817 | .309   | .140  | .732  | -.103 | 105 | 1866 | -.140  | .108  | .163  | -.583  |
| 105 | 1628 | -.558  | .162  | -.249 | -1.358 | 105 | 1818 | -.045  | .123  | .283  | -.562 | 105 | 1867 | -.207  | .068  | .541  | -.015  |
| 105 | 1629 | -.528  | .103  | -.011 | -.725  | 105 | 1819 | .100   | .048  | .283  | -.065 | 105 | 1868 | -.037  | .062  | .260  | -.275  |
| 105 | 1630 | -.537  | .159  | -.232 | -1.795 | 105 | 1820 | -.013  | .045  | .214  | -.196 | 105 | 1869 | -.175  | .098  | .563  | -.132  |
| 105 | 1631 | -.255  | .072  | -.009 | -.589  | 105 | 1821 | -.196  | .089  | .096  | -.567 | 105 | 1870 | -.068  | .072  | .361  | -.173  |
| 105 | 1632 | -.450  | .100  | -.125 | -.784  | 105 | 1822 | -.077  | .059  | .306  | -.179 | 105 | 1871 | -.028  | .077  | .316  | -.237  |
| 105 | 1633 | -.458  | .098  | -.189 | -.883  | 105 | 1823 | -.057  | .052  | .307  | -.077 | 105 | 1872 | -.031  | .118  | .307  | -.761  |
| 105 | 1634 | -.445  | .092  | -.178 | -.802  | 105 | 1824 | -.144  | .069  | .051  | -.490 | 105 | 1873 | -.139  | .112  | .553  | -.446  |
| 105 | 1635 | -.445  | .096  | -.199 | -.836  | 105 | 1825 | -.296  | .126  | .831  | -.037 | 105 | 2101 | -.245  | .054  | .074  | -.439  |
| 105 | 1701 | -.228  | .123  | -.065 | -.701  | 105 | 1826 | -.028  | .123  | .392  | -.450 | 105 | 2102 | -.237  | .054  | .065  | -.434  |
| 105 | 1702 | -.105  | .093  | -.247 | -.470  | 105 | 1827 | -.193  | .049  | .035  | -.391 | 105 | 2103 | -.246  | .062  | .054  | -.645  |
| 105 | 1703 | -.145  | .085  | -.144 | -.543  | 105 | 1828 | -.007  | .044  | .195  | -.167 | 105 | 2104 | -.226  | .053  | .057  | -.459  |
| 105 | 1704 | -.178  | .110  | -.684 | -.180  | 105 | 1829 | -.171  | .092  | .100  | -.493 | 105 | 2105 | -.266  | .063  | .026  | -.479  |
| 105 | 1705 | -.124  | .079  | -.174 | -.406  | 105 | 1830 | -.091  | .055  | .165  | -.302 | 105 | 2106 | -.235  | .045  | .073  | -.380  |
| 105 | 1706 | -.068  | .081  | -.289 | -.421  | 105 | 1831 | -.045  | .053  | .293  | -.087 | 105 | 2107 | -.252  | .045  | .161  | -.408  |
| 105 | 1707 | -.032  | .070  | -.328 | -.295  | 105 | 1832 | -.119  | .064  | .019  | -.388 | 105 | 2108 | -.239  | .042  | .107  | -.385  |
| 105 | 1708 | -.122  | .121  | -.562 | -.448  | 105 | 1833 | -.227  | .097  | .587  | -.014 | 105 | 2109 | -.234  | .044  | .088  | -.417  |
| 105 | 1709 | -.325  | .094  | -.016 | -.682  | 105 | 1834 | -.063  | .156  | .385  | -.742 | 105 | 2110 | -.241  | .039  | .112  | -.378  |
| 105 | 1710 | -.318  | .091  | -.060 | -.665  | 105 | 1835 | -.116  | .040  | .040  | -.253 | 105 | 2111 | -.262  | .040  | .126  | -.400  |
| 105 | 1711 | -.252  | .130  | -.186 | -.775  | 105 | 1836 | -.153  | .082  | .529  | -.121 | 105 | 2112 | -.256  | .040  | .134  | -.385  |
| 105 | 1712 | -.141  | .083  | -.414 | -.244  | 105 | 1837 | -.093  | .046  | .292  | -.035 | 105 | 2113 | -.238  | .041  | .102  | -.389  |
| 105 | 1713 | -.056  | .084  | -.400 | -.225  | 105 | 1838 | -.023  | .131  | .364  | -.529 | 105 | 2114 | -.229  | .041  | .080  | -.363  |
| 105 | 1714 | -.040  | .110  | -.237 | -.644  | 105 | 1839 | -.074  | .041  | .054  | -.206 | 105 | 2115 | -.254  | .041  | .118  | -.408  |
| 105 | 1715 | -.345  | .133  | 1.088 | -.162  | 105 | 1840 | -.124  | .048  | .283  | -.060 | 105 | 2116 | -.253  | .042  | .080  | -.434  |
| 105 | 1716 | -.318  | .124  | .766  | -.012  | 105 | 1841 | -.083  | .052  | .328  | -.065 | 105 | 2117 | -.241  | .046  | .076  | -.453  |
| 105 | 1717 | -.322  | .118  | .882  | .023   | 105 | 1842 | -.138  | .092  | .548  | -.091 | 105 | 2118 | -.248  | .055  | .010  | -.475  |
| 105 | 1718 | -.302  | .113  | .783  | .010   | 105 | 1843 | -.088  | .039  | .066  | -.220 | 105 | 2119 | -.280  | .058  | .078  | -.584  |
| 105 | 1719 | -.269  | .104  | .654  | .002   | 105 | 1844 | -.062  | .044  | .216  | -.123 | 105 | 2120 | -.288  | .061  | .102  | -.534  |
| 105 | 1720 | -.113  | .068  | .165  | -.378  | 105 | 1845 | -.084  | .045  | .272  | -.054 | 105 | 2121 | -.314  | .065  | .078  | -.603  |
| 105 | 1721 | -.040  | .084  | -.277 | -.580  | 105 | 1846 | -.138  | .085  | .488  | -.060 | 105 | 2122 | -.255  | .060  | .070  | -.522  |
| 105 | 1722 | -.085  | .080  | -.184 | -.495  | 105 | 1847 | -.232  | .062  | .035  | -.431 | 105 | 2123 | -.268  | .057  | .115  | -.577  |
| 105 | 1723 | -.391  | .161  | .251  | -.932  | 105 | 1848 | -.266  | .064  | .541  | -.086 | 105 | 2124 | -.267  | .060  | .109  | -.595  |
| 105 | 1724 | -.456  | .133  | 1.105 | .074   | 105 | 1849 | -.145  | .045  | .014  | -.289 | 105 | 2125 | -.311  | .079  | .129  | -.798  |
| 105 | 1725 | -.405  | .128  | .047  | -.922  | 105 | 1850 | -.015  | .039  | .129  | -.151 | 105 | 2126 | -.253  | .058  | .085  | -.526  |
| 105 | 1801 | -.288  | .104  | .232  | -.761  | 105 | 1851 | .070   | .035  | .192  | -.073 | 105 | 2127 | -.285  | .061  | .133  | -.584  |
| 105 | 1802 | -.306  | .097  | .119  | -.775  | 105 | 1852 | .070   | .035  | .192  | -.073 | 105 | 2128 | -.276  | .060  | .120  | -.561  |
| 105 | 1803 | -.319  | .157  | .787  | -.149  | 105 | 1853 | -.028  | .031  | .102  | -.124 | 105 | 2129 | -.256  | .061  | .071  | -.533  |
| 105 | 1804 | -.069  | .107  | .182  | -.493  | 105 | 1854 | -.038  | .035  | .237  | -.057 | 105 | 2130 | -.294  | .073  | .102  | -.648  |
| 105 | 1805 | -.306  | .128  | .057  | -.785  | 105 | 1855 | -.085  | .044  | .346  | -.032 | 105 | 2201 | -.256  | .049  | .101  | -.621  |
| 105 | 1806 | -.061  | .071  | .314  | -.319  | 105 | 1856 | -.125  | .064  | .025  | -.389 | 105 | 2202 | -.256  | .050  | .090  | -.549  |
| 105 | 1807 | -.091  | .079  | .135  | -.480  |     |      |        |       |       |       | 105 | 2203 | -.259  | .053  | .092  | -.441  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPNEAN | CPNRS | CPNAX | CPNIN | WD  | TAP   | CPNEAN | CPNRS | CPNAX | CPNIN  | WD  | TAP  | CPNEAN | CPNRS | CPNAX | CPNIN |
|-----|-------|--------|-------|-------|-------|-----|-------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 105 | 22204 | 306    | .063  | -.090 | -.585 | 105 | 23112 | 286    | .044  | -.128 | -.439  | 105 | 2430 | 151    | .077  | .463  | -.107 |
| 105 | 22205 | 340    | .066  | -.106 | -.601 | 105 | 23113 | 300    | .049  | -.135 | -.490  | 105 | 2431 | 142    | .100  | .509  | -.090 |
| 105 | 22206 | 311    | .061  | -.068 | -.602 | 105 | 23114 | 369    | .067  | -.168 | -.676  | 105 | 2432 | 177    | .096  | .543  | -.044 |
| 105 | 22207 | 249    | .045  | -.095 | -.441 | 105 | 23115 | 362    | .061  | -.170 | -.647  | 105 | 2433 | 189    | .109  | .605  | -.038 |
| 105 | 22208 | 266    | .049  | -.151 | -.482 | 105 | 23116 | 328    | .057  | -.141 | -.545  | 105 | 2434 | 224    | .098  | .591  | -.031 |
| 105 | 22209 | 292    | .044  | -.116 | -.491 | 105 | 23117 | 335    | .059  | -.144 | -.521  | 105 | 2435 | 209    | .094  | .556  | -.113 |
| 105 | 22210 | 299    | .041  | -.141 | -.441 | 105 | 23118 | 430    | .102  | -.170 | -.985  | 105 | 2501 | 273    | .128  | .785  | -.040 |
| 105 | 22211 | 273    | .043  | -.159 | -.415 | 105 | 23119 | 423    | .097  | -.172 | -.945  | 105 | 2502 | 257    | .116  | .622  | -.118 |
| 105 | 22212 | 327    | .045  | -.166 | -.441 | 105 | 2320  | 392    | .089  | -.165 | -.851  | 105 | 2503 | 457    | .125  | -.097 | -.006 |
| 105 | 22213 | 322    | .047  | -.179 | -.488 | 105 | 2321  | 422    | .087  | -.187 | -.949  | 105 | 2504 | 381    | .201  | .559  | -.968 |
| 105 | 22214 | 287    | .044  | -.076 | -.439 | 105 | 2322  | 413    | .111  | -.065 | -.942  | 105 | 2505 | 291    | .160  | .183  | -.822 |
| 105 | 22215 | 260    | .042  | -.111 | -.424 | 105 | 2323  | 442    | .121  | -.038 | -.999  | 105 | 2506 | 294    | .122  | .703  | -.070 |
| 105 | 22216 | 295    | .045  | -.129 | -.472 | 105 | 2324  | 503    | .148  | -.124 | -.1396 | 105 | 2507 | 162    | .113  | .561  | -.181 |
| 105 | 22217 | 277    | .051  | -.189 | -.589 | 105 | 2325  | 504    | .160  | -.119 | -.1558 | 105 | 2508 | 367    | .134  | .814  | -.018 |
| 105 | 22218 | 322    | .052  | -.176 | -.663 | 105 | 2326  | 373    | .132  | -.054 | -.931  | 105 | 2509 | 378    | .133  | .806  | -.011 |
| 105 | 22219 | 353    | .052  | -.090 | -.669 | 105 | 2327  | 389    | .121  | -.075 | -.877  | 105 | 2510 | 565    | .152  | 1.056 | -.118 |
| 105 | 22220 | 353    | .056  | -.117 | -.529 | 105 | 2328  | 283    | .119  | -.106 | -.827  | 105 | 2511 | 246    | .124  | .703  | -.172 |
| 105 | 22221 | 399    | .074  | -.194 | -.642 | 105 | 2329  | 399    | .175  | -.038 | -.1325 | 105 | 2512 | 573    | .163  | 1.065 | -.051 |
| 105 | 22222 | 411    | .080  | -.173 | -.722 | 105 | 2330  | 027    | .113  | -.483 | -.354  | 105 | 2513 | 520    | .152  | 1.043 | -.106 |
| 105 | 22223 | 397    | .082  | -.173 | -.981 | 105 | 2331  | 157    | .155  | -.274 | -.956  | 105 | 2514 | 505    | .150  | .982  | -.047 |
| 105 | 22224 | 279    | .060  | -.088 | -.516 | 105 | 2332  | 098    | .084  | -.388 | -.196  | 105 | 2515 | 178    | .137  | .590  | -.183 |
| 105 | 22225 | 269    | .054  | -.106 | -.491 | 105 | 2401  | 036    | .078  | -.310 | -.277  | 105 | 2516 | 473    | .178  | 1.019 | -.317 |
| 105 | 22226 | 280    | .061  | -.122 | -.473 | 105 | 2402  | 129    | .091  | -.410 | -.235  | 105 | 2517 | 423    | .161  | .935  | -.072 |
| 105 | 22227 | 266    | .107  | -.073 | -.830 | 105 | 2403  | 157    | .098  | -.443 | -.203  | 105 | 2518 | 147    | .147  | .862  | -.027 |
| 105 | 22228 | 387    | .104  | -.068 | -.777 | 105 | 2404  | 217    | .105  | -.547 | -.135  | 105 | 2519 | 115    | .124  | .536  | -.319 |
| 105 | 22229 | 252    | .062  | -.103 | -.697 | 105 | 2405  | 257    | .111  | -.607 | -.173  | 105 | 2520 | 284    | .160  | .814  | -.149 |
| 105 | 22230 | 201    | .060  | -.012 | -.405 | 105 | 2406  | 347    | .126  | -.732 | -.123  | 105 | 2521 | 265    | .148  | .770  | -.090 |
| 105 | 22231 | 153    | .071  | -.128 | -.391 | 105 | 2407  | 096    | .076  | -.359 | -.172  | 105 | 2522 | 277    | .150  | .769  | -.079 |
| 105 | 22232 | 048    | .109  | -.421 | -.390 | 105 | 2408  | 501    | .133  | -.922 | -.011  | 105 | 2523 | 063    | .130  | .502  | -.328 |
| 105 | 22233 | 357    | .092  | -.123 | -.787 | 105 | 2409  | 072    | .073  | -.306 | -.160  | 105 | 2524 | 157    | .116  | .630  | -.202 |
| 105 | 22234 | 241    | .094  | -.034 | -.395 | 105 | 2410  | 307    | .106  | -.647 | -.016  | 105 | 2525 | 155    | .114  | .680  | -.104 |
| 105 | 22235 | 343    | .104  | -.380 | -.358 | 105 | 2411  | 488    | .139  | -.922 | -.095  | 105 | 2526 | 129    | .111  | .599  | -.142 |
| 105 | 22236 | 033    | .100  | -.340 | -.349 | 105 | 2412  | 551    | .149  | 1.046 | -.113  | 105 | 2527 | 024    | .100  | .409  | -.264 |
| 105 | 22237 | 080    | .129  | -.778 | -.285 | 105 | 2413  | 608    | .157  | 1.106 | -.013  | 105 | 2528 | 135    | .083  | .603  | -.120 |
| 105 | 22238 | 167    | .082  | -.088 | -.485 | 105 | 2414  | 030    | .079  | -.351 | -.186  | 105 | 2529 | 078    | .078  | .409  | -.169 |
| 105 | 22239 | 188    | .099  | -.160 | -.526 | 105 | 2415  | 248    | .108  | -.626 | -.041  | 105 | 2530 | 185    | .096  | .574  | -.066 |
| 105 | 22240 | 043    | .094  | -.275 | -.583 | 105 | 2416  | 356    | .124  | -.765 | -.038  | 105 | 2531 | 193    | .072  | .571  | -.025 |
| 105 | 22241 | 157    | .073  | -.068 | -.466 | 105 | 2417  | 444    | .150  | -.972 | -.040  | 105 | 2532 | 137    | .095  | .529  | -.085 |
| 105 | 22242 | 244    | .117  | -.011 | -.763 | 105 | 2418  | 490    | .163  | 1.039 | -.043  | 105 | 2601 | 559    | .203  | .032  | -.061 |
| 105 | 22301 | 359    | .073  | -.139 | -.623 | 105 | 2419  | 069    | .079  | -.348 | -.252  | 105 | 2602 | 124    | .068  | .079  | -.620 |
| 105 | 22302 | 242    | .068  | -.128 | -.591 | 105 | 2420  | 130    | .095  | -.474 | -.110  | 105 | 2603 | 076    | .050  | .104  | -.255 |
| 105 | 22303 | 101    | .059  | -.104 | -.588 | 105 | 2421  | 256    | .129  | -.729 | -.056  | 105 | 2604 | 079    | .046  | .083  | -.228 |
| 105 | 22304 | 222    | .056  | -.090 | -.501 | 105 | 2422  | 302    | .139  | -.795 | -.051  | 105 | 2605 | 080    | .042  | .070  | -.210 |
| 105 | 22305 | 394    | .072  | -.121 | -.659 | 105 | 2423  | 323    | .158  | -.809 | -.427  | 105 | 2606 | 154    | .040  | .014  | -.301 |
| 105 | 22306 | 328    | .054  | -.154 | -.533 | 105 | 2424  | 068    | .070  | -.258 | -.390  | 105 | 2607 | 458    | .190  | .235  | -.099 |
| 105 | 22307 | 291    | .048  | -.145 | -.513 | 105 | 2425  | 018    | .066  | -.297 | -.146  | 105 | 2608 | 145    | .034  | .018  | -.248 |
| 105 | 22308 | 333    | .050  | -.139 | -.534 | 105 | 2426  | 075    | .071  | -.396 | -.119  | 105 | 2609 | 432    | .172  | .228  | -.973 |
| 105 | 22309 | 244    | .049  | -.151 | -.457 | 105 | 2427  | 122    | .087  | -.554 | -.097  | 105 | 2610 | 064    | .178  | .357  | -.968 |
| 105 | 22310 | 320    | .048  | -.181 | -.557 | 105 | 2428  | 145    | .101  | -.673 | -.263  | 105 | 2611 | 007    | .052  | .240  | -.199 |
| 105 | 22311 | 322    | .045  | -.185 | -.486 | 105 | 2429  | 022    | .086  | -.349 | -.295  | 105 | 2612 | 051    | .042  | .124  | -.193 |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRNS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRNS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRNS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 105 | 2613 | .148   | .033  | .038  | .262  | 105 | 2803 | .319   | .086  | .856  | .113  | 105 | 2852 | .184   | .068  | .011  | .522  |
| 105 | 2614 | .446   | .177  | .181  | .049  | 105 | 2804 | .257   | .092  | .121  | .601  | 105 | 2853 | .078   | .046  | .103  | .333  |
| 105 | 2615 | .135   | .188  | .203  | .787  | 105 | 2805 | .127   | .091  | .162  | .500  | 105 | 2854 | .104   | .040  | .043  | .300  |
| 105 | 2616 | .043   | .090  | .202  | .621  | 105 | 2806 | .207   | .121  | .160  | .684  | 105 | 2855 | .120   | .049  | .027  | .359  |
| 105 | 2617 | .069   | .038  | .090  | .242  | 105 | 2807 | .250   | .228  | 1.481 | .202  | 105 | 2856 | .085   | .066  | .172  | .426  |
| 105 | 2618 | .170   | .035  | .041  | .274  | 105 | 2808 | .670   | .338  | .311  | .012  | 105 | 2857 | .169   | .162  | .714  | .481  |
| 105 | 2619 | .396   | .186  | .255  | .273  | 105 | 2809 | .479   | .211  | .010  | .528  | 105 | 2858 | .149   | .132  | .442  | .642  |
| 105 | 2620 | .132   | .157  | .193  | .809  | 105 | 2810 | .278   | .105  | .020  | .788  | 105 | 2859 | .222   | .085  | .144  | .737  |
| 105 | 2621 | .059   | .052  | .120  | .418  | 105 | 2811 | .293   | .087  | .749  | .085  | 105 | 2860 | .215   | .081  | .147  | .617  |
| 105 | 2622 | .095   | .038  | .036  | .265  | 105 | 2812 | .176   | .098  | .151  | .601  | 105 | 2861 | .206   | .063  | .119  | .481  |
| 105 | 2623 | .166   | .037  | .027  | .322  | 105 | 2813 | .146   | .076  | .144  | .548  | 105 | 2862 | .199   | .068  | .027  | .608  |
| 105 | 2624 | .234   | .143  | .212  | .846  | 105 | 2814 | .271   | .106  | .063  | .816  | 105 | 2863 | .017   | .117  | .465  | .413  |
| 105 | 2625 | .057   | .092  | .226  | .488  | 105 | 2815 | .181   | .093  | .754  | .077  | 105 | 2864 | .177   | .073  | .061  | .488  |
| 105 | 2626 | .045   | .066  | .199  | .473  | 105 | 2816 | .215   | .124  | .062  | .971  | 105 | 2865 | .142   | .081  | .092  | .739  |
| 105 | 2627 | .076   | .039  | .124  | .244  | 105 | 2817 | .345   | .128  | .018  | .828  | 105 | 2866 | .211   | .070  | .005  | .544  |
| 105 | 2628 | .170   | .040  | .028  | .327  | 105 | 2818 | .133   | .123  | .383  | .608  | 105 | 2867 | .040   | .116  | .523  | .476  |
| 105 | 2629 | .036   | .102  | .323  | .549  | 105 | 2819 | .265   | .094  | .565  | .035  | 105 | 2868 | .090   | .068  | .193  | .333  |
| 105 | 2630 | .140   | .047  | .002  | .319  | 105 | 2820 | .128   | .083  | .153  | .462  | 105 | 2869 | .066   | .064  | .157  | .369  |
| 105 | 2631 | .059   | .095  | .450  | .312  | 105 | 2821 | .184   | .089  | .051  | .586  | 105 | 2870 | .030   | .073  | .257  | .348  |
| 105 | 2632 | .111   | .091  | .442  | .099  | 105 | 2822 | .299   | .127  | .016  | .007  | 105 | 2871 | .139   | .062  | .052  | .358  |
| 105 | 2633 | .030   | .062  | .348  | .126  | 105 | 2823 | .163   | .073  | .132  | .494  | 105 | 2872 | .188   | .070  | .023  | .447  |
| 105 | 2634 | .024   | .054  | .240  | .183  | 105 | 2824 | .170   | .086  | .495  | .129  | 105 | 2873 | .145   | .068  | .051  | .405  |
| 105 | 2635 | .061   | .047  | .122  | .153  | 105 | 2825 | .186   | .094  | .245  | .507  | 120 | 101  | .719   | .179  | .275  | .167  |
| 105 | 2701 | .155   | .062  | .318  | .032  | 105 | 2826 | .096   | .114  | .341  | .457  | 120 | 102  | .589   | .114  | .281  | .041  |
| 105 | 2702 | .163   | .075  | .054  | .420  | 105 | 2827 | .265   | .093  | .013  | .601  | 120 | 103  | .523   | .101  | .233  | .099  |
| 105 | 2703 | .197   | .082  | .111  | .561  | 105 | 2828 | .124   | .075  | .446  | .087  | 120 | 104  | .460   | .137  | .037  | .020  |
| 105 | 2704 | .297   | .073  | .084  | .636  | 105 | 2829 | .135   | .069  | .074  | .472  | 120 | 105  | .489   | .106  | .086  | .026  |
| 105 | 2705 | .315   | .073  | .622  | .105  | 105 | 2830 | .291   | .101  | .008  | .740  | 120 | 106  | .417   | .110  | .056  | .074  |
| 105 | 2706 | .286   | .097  | .096  | .672  | 105 | 2831 | .178   | .065  | .025  | .512  | 120 | 107  | .506   | .105  | .030  | .106  |
| 105 | 2707 | .276   | .097  | .061  | .659  | 105 | 2832 | .183   | .072  | .530  | .030  | 120 | 108  | .514   | .093  | .194  | .926  |
| 105 | 2708 | .248   | .136  | .136  | .942  | 105 | 2833 | .190   | .078  | .079  | .606  | 120 | 109  | .529   | .080  | .261  | .172  |
| 105 | 2709 | .036   | .143  | .527  | .639  | 105 | 2834 | .157   | .093  | .159  | .490  | 120 | 110  | .541   | .093  | .269  | .938  |
| 105 | 2710 | .107   | .168  | .758  | .328  | 105 | 2835 | .198   | .074  | .081  | .494  | 120 | 111  | .576   | .104  | .212  | .004  |
| 105 | 2711 | .276   | .071  | .702  | .102  | 105 | 2836 | .198   | .087  | .685  | .025  | 120 | 112  | .525   | .102  | .228  | .974  |
| 105 | 2712 | .288   | .068  | .106  | .561  | 105 | 2837 | .127   | .057  | .127  | .341  | 120 | 201  | .283   | .087  | .024  | .667  |
| 105 | 2713 | .223   | .101  | .129  | .611  | 105 | 2838 | .142   | .093  | .205  | .646  | 120 | 202  | .370   | .095  | .017  | .805  |
| 105 | 2714 | .154   | .092  | .208  | .553  | 105 | 2839 | .142   | .057  | .117  | .337  | 120 | 203  | .375   | .086  | .079  | .727  |
| 105 | 2715 | .377   | .130  | .050  | .057  | 105 | 2840 | .055   | .053  | .234  | .132  | 120 | 204  | .350   | .072  | .165  | .154  |
| 105 | 2716 | .257   | .064  | .074  | .534  | 105 | 2841 | .169   | .060  | .037  | .519  | 120 | 205  | .345   | .075  | .112  | .784  |
| 105 | 2717 | .241   | .053  | .072  | .445  | 105 | 2842 | .264   | .073  | .035  | .591  | 120 | 206  | .362   | .088  | .096  | .932  |
| 105 | 2718 | .261   | .053  | .096  | .480  | 105 | 2843 | .121   | .055  | .079  | .357  | 120 | 207  | .502   | .175  | .091  | .264  |
| 105 | 2719 | .286   | .056  | .132  | .507  | 105 | 2844 | .121   | .065  | .381  | .065  | 120 | 208  | .327   | .090  | .039  | .709  |
| 105 | 2720 | .303   | .078  | .714  | .060  | 105 | 2845 | .156   | .057  | .064  | .383  | 120 | 209  | .214   | .073  | .055  | .488  |
| 105 | 2721 | .159   | .145  | .131  | .429  | 105 | 2846 | .168   | .080  | .157  | .449  | 120 | 210  | .357   | .105  | .017  | .819  |
| 105 | 2722 | .184   | .174  | .139  | .952  | 105 | 2847 | .139   | .055  | .035  | .362  | 120 | 211  | .411   | .098  | .122  | .904  |
| 105 | 2723 | .061   | .088  | .139  | .428  | 105 | 2848 | .082   | .058  | .274  | .142  | 120 | 212  | .385   | .083  | .162  | .755  |
| 105 | 2724 | .242   | .154  | .829  | .503  | 105 | 2849 | .129   | .063  | .062  | .418  | 120 | 1101 | .058   | .105  | .402  | .378  |
| 105 | 2725 | .312   | .115  | .037  | .927  | 105 | 2850 | .092   | .079  | .104  | .467  | 120 | 1102 | .269   | .128  | .675  | .235  |
| 105 | 2801 | .293   | .068  | .129  | .631  | 105 | 2851 | .028   | .042  | .171  | .168  | 120 | 1103 | .180   | .128  | .558  | .231  |
| 105 | 2802 | .309   | .070  | .144  | .611  | 105 | 2851 | .028   | .042  | .171  | .168  | 120 | 1104 | .268   | .138  | .688  | .167  |

APPENDIX A -- PRESSURE DATA:

ONE DENVER PLACE -- DENVER, COLORADO

| UD   | TAP  | CPNEAH | CPNRS | CPNAX | CPNIN |
|------|------|--------|-------|-------|-------|
| 1200 | 1105 | .618   | .178  | .371  | -.205 |
| 1200 | 1106 | .346   | .134  | .737  | -.082 |
| 1200 | 1107 | .361   | .142  | .801  | -.091 |
| 1200 | 1108 | .146   | .104  | .466  | -.194 |
| 1200 | 1109 | .536   | .164  | .991  | -.054 |
| 1200 | 1110 | .106   | .099  | .508  | -.175 |
| 1200 | 1111 | .471   | .138  | .886  | -.077 |
| 1200 | 1112 | .518   | .148  | .946  | -.083 |
| 1200 | 1113 | .608   | .158  | 1.084 | -.110 |
| 1200 | 1114 | .025   | .091  | .379  | -.325 |
| 1200 | 1115 | .424   | .126  | .836  | -.082 |
| 1200 | 1116 | .466   | .135  | .942  | -.143 |
| 1200 | 1117 | .483   | .146  | .965  | -.037 |
| 1200 | 1118 | .045   | .094  | .320  | -.360 |
| 1200 | 1119 | .282   | .114  | .790  | -.021 |
| 1200 | 1120 | .319   | .123  | .831  | -.035 |
| 1200 | 1121 | .401   | .150  | 1.031 | -.091 |
| 1200 | 1122 | .157   | .109  | .568  | -.088 |
| 1200 | 1123 | .156   | .109  | .561  | -.089 |
| 1200 | 1124 | .210   | .119  | .702  | -.035 |
| 1200 | 1125 | .273   | .131  | .724  | -.086 |
| 1200 | 1126 | .233   | .126  | .625  | -.678 |
| 1200 | 1127 | .027   | .096  | .459  | -.226 |
| 1200 | 1128 | .284   | .112  | .872  | -.007 |
| 1200 | 1129 | .329   | .115  | .933  | -.047 |
| 1200 | 1130 | .116   | .134  | .707  | -.618 |
| 1200 | 1201 | .274   | .129  | .703  | -.179 |
| 1200 | 1202 | .181   | .115  | .559  | -.208 |
| 1200 | 1203 | .107   | .100  | .399  | -.182 |
| 1200 | 1204 | .072   | .092  | .433  | -.182 |
| 1200 | 1205 | .027   | .086  | .375  | -.224 |
| 1200 | 1206 | .115   | .073  | .185  | -.381 |
| 1200 | 1207 | .361   | .131  | 1.016 | -.093 |
| 1200 | 1208 | .085   | .092  | .402  | -.407 |
| 1200 | 1209 | .606   | .155  | 1.088 | -.168 |
| 1200 | 1210 | .551   | .146  | .981  | -.157 |
| 1200 | 1211 | .350   | .128  | .746  | -.016 |
| 1200 | 1212 | .202   | .110  | .592  | -.112 |
| 1200 | 1213 | .117   | .087  | .189  | -.445 |
| 1200 | 1214 | .543   | .158  | .965  | -.155 |
| 1200 | 1215 | .478   | .139  | 1.033 | -.079 |
| 1200 | 1216 | .400   | .130  | .889  | -.035 |
| 1200 | 1217 | .139   | .101  | .519  | -.142 |
| 1200 | 1218 | .163   | .085  | .201  | -.519 |
| 1200 | 1219 | .416   | .140  | .907  | -.019 |
| 1200 | 1220 | .376   | .132  | .826  | -.026 |
| 1200 | 1221 | .213   | .112  | .649  | -.075 |
| 1200 | 1222 | .075   | .054  | .443  | -.150 |
| 1200 | 1223 | .267   | .082  | 1.144 | -.543 |
| 1200 | 1224 | .299   | .131  | .788  | -.016 |

| UD   | TAP  | CPNEAH | CPNRS | CPNAX | CPNIN |
|------|------|--------|-------|-------|-------|
| 1200 | 1225 | .235   | .117  | .692  | -.056 |
| 1200 | 1226 | .206   | .112  | .635  | -.065 |
| 1200 | 1227 | .146   | .100  | .496  | -.091 |
| 1200 | 1228 | .159   | .069  | .082  | -.393 |
| 1200 | 1229 | .157   | .141  | .685  | -.296 |
| 1200 | 1230 | .146   | .133  | .623  | -.210 |
| 1200 | 1231 | .191   | .127  | .615  | -.175 |
| 1200 | 1232 | .268   | .116  | .711  | -.044 |
| 1200 | 1233 | .286   | .125  | .745  | -.009 |
| 1200 | 1234 | .246   | .116  | .769  | -.074 |
| 1200 | 1235 | .221   | .157  | .798  | -.477 |
| 1200 | 1236 | .188   | .194  | .773  | -.898 |
| 1200 | 1237 | .374   | .129  | .871  | -.005 |
| 1200 | 1238 | .414   | .142  | 1.010 | .105  |
| 1200 | 1239 | .497   | .150  | 1.161 | .069  |
| 1200 | 1240 | .183   | .245  | .836  | -.184 |
| 1200 | 1241 | .114   | .114  | .724  | -.033 |
| 1200 | 1242 | .150   | .150  | 1.102 | -.026 |
| 1200 | 1301 | .197   | .197  | 1.297 | -.633 |
| 1200 | 1302 | .121   | .121  | .224  | -.087 |
| 1200 | 1303 | .441   | .135  | .156  | -.946 |
| 1200 | 1304 | .423   | .125  | .010  | -.841 |
| 1200 | 1305 | .475   | .116  | .076  | -.083 |
| 1200 | 1306 | .453   | .156  | .215  | -.344 |
| 1200 | 1307 | .441   | .156  | .215  | -.946 |
| 1200 | 1308 | .444   | .156  | .238  | -.525 |
| 1200 | 1309 | .403   | .119  | .073  | -.826 |
| 1200 | 1310 | .484   | .128  | .217  | -.212 |
| 1200 | 1311 | .507   | .135  | .189  | -.264 |
| 1200 | 1312 | .425   | .139  | .190  | -.238 |
| 1200 | 1313 | .472   | .147  | .025  | -.138 |
| 1200 | 1314 | .541   | .131  | .260  | -.179 |
| 1200 | 1315 | .569   | .137  | .243  | -.279 |
| 1200 | 1316 | .584   | .138  | .107  | -.288 |
| 1200 | 1317 | .593   | .158  | .023  | -.181 |
| 1200 | 1318 | .632   | .156  | .281  | -.448 |
| 1200 | 1319 | .652   | .156  | .278  | -.467 |
| 1200 | 1320 | .640   | .150  | .200  | -.271 |
| 1200 | 1321 | .664   | .140  | .106  | -.986 |
| 1200 | 1322 | .684   | .292  | .146  | -.067 |
| 1200 | 1323 | .698   | .181  | .156  | -.807 |
| 1200 | 1324 | .723   | .120  | .147  | -.739 |
| 1200 | 1325 | .716   | .136  | .193  | -.888 |
| 1200 | 1326 | .783   | .104  | .035  | -.799 |
| 1200 | 1327 | .889   | .074  | .054  | -.444 |
| 1200 | 1328 | .179   | .083  | .150  | -.463 |
| 1200 | 1329 | .178   | .088  | .106  | -.521 |
| 1200 | 1330 | .114   | .083  | .234  | -.447 |
| 1200 | 1331 | .100   | .095  | .267  | -.425 |
| 1200 | 1332 | .088   | .089  | .361  | -.404 |

| UD   | TAP  | CPNEAH | CPNRS | CPNAX | CPNIN |
|------|------|--------|-------|-------|-------|
| 1200 | 1401 | .352   | .099  | .899  | -.033 |
| 1200 | 1402 | .385   | .094  | .989  | -.089 |
| 1200 | 1403 | .393   | .086  | .994  | -.094 |
| 1200 | 1404 | .394   | .083  | .983  | -.124 |
| 1200 | 1405 | .324   | .076  | .901  | -.748 |
| 1200 | 1406 | .350   | .079  | .106  | -.673 |
| 1200 | 1407 | .367   | .096  | .092  | -.996 |
| 1200 | 1408 | .323   | .055  | .147  | -.525 |
| 1200 | 1409 | .367   | .102  | .048  | -.885 |
| 1200 | 1410 | .374   | .083  | .123  | -.888 |
| 1200 | 1411 | .373   | .062  | .149  | -.611 |
| 1200 | 1412 | .387   | .061  | .143  | -.627 |
| 1200 | 1413 | .366   | .062  | .156  | -.631 |
| 1200 | 1414 | .419   | .113  | .028  | -.869 |
| 1200 | 1415 | .395   | .088  | .087  | -.812 |
| 1200 | 1416 | .393   | .074  | .119  | -.696 |
| 1200 | 1417 | .358   | .062  | .106  | -.556 |
| 1200 | 1418 | .413   | .072  | .177  | -.749 |
| 1200 | 1419 | .601   | .175  | .127  | -.993 |
| 1200 | 1420 | .496   | .147  | .000  | -.544 |
| 1200 | 1421 | .343   | .074  | .083  | -.713 |
| 1200 | 1422 | .390   | .079  | .151  | -.782 |
| 1200 | 1423 | .448   | .099  | .142  | -.816 |
| 1200 | 1424 | .517   | .209  | .097  | -.822 |
| 1200 | 1425 | .533   | .138  | .126  | -.979 |
| 1200 | 1426 | .519   | .098  | .132  | -.754 |
| 1200 | 1427 | .367   | .107  | .031  | -.887 |
| 1200 | 1428 | .404   | .140  | .005  | -.931 |
| 1200 | 1429 | .282   | .167  | .124  | -.532 |
| 1200 | 1430 | .254   | .140  | .080  | -.891 |
| 1200 | 1431 | .255   | .117  | .151  | -.934 |
| 1200 | 1432 | .213   | .088  | .102  | -.639 |
| 1200 | 1433 | .172   | .103  | .282  | -.585 |
| 1200 | 1434 | .240   | .135  | .154  | -.749 |
| 1200 | 1435 | .175   | .104  | .186  | -.554 |
| 1200 | 1501 | .402   | .093  | .114  | -.886 |
| 1200 | 1502 | .399   | .081  | .135  | -.739 |
| 1200 | 1503 | .430   | .089  | .173  | -.809 |
| 1200 | 1504 | .436   | .094  | .148  | -.844 |
| 1200 | 1505 | .414   | .085  | .189  | -.856 |
| 1200 | 1506 | .454   | .104  | .175  | -.169 |
| 1200 | 1507 | .451   | .095  | .162  | -.976 |
| 1200 | 1508 | .406   | .074  | .139  | -.755 |
| 1200 | 1509 | .421   | .082  | .170  | -.897 |
| 1200 | 1510 | .420   | .079  | .179  | -.798 |
| 1200 | 1511 | .439   | .074  | .178  | -.761 |
| 1200 | 1512 | .451   | .075  | .234  | -.764 |
| 1200 | 1513 | .425   | .063  | .240  | -.651 |
| 1200 | 1514 | .442   | .065  | .242  | -.757 |
| 1200 | 1515 | .464   | .072  | .208  | -.783 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| UD  | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  | UD  | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  | UD  | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 120 | 1516 | -.508  | .103  | -.188 | -1.034 | 120 | 1634 | -.433  | .110  | -.140 | -.859  | 120 | 1824 | -.184  | .084  | .025  | -.571  |
| 120 | 1517 | -.468  | .079  | -.205 | -.886  | 120 | 1635 | -.452  | .105  | -.169 | -.901  | 120 | 1825 | -.286  | .103  | .783  | -.016  |
| 120 | 1518 | -.474  | .071  | -.262 | -.744  | 120 | 1701 | -.238  | .099  | -.018 | -.776  | 120 | 1826 | -.148  | .107  | .481  | -.267  |
| 120 | 1519 | -.503  | .082  | -.278 | -.835  | 120 | 1702 | -.042  | .069  | -.260 | -.302  | 120 | 1827 | -.172  | .054  | .042  | -.420  |
| 120 | 1520 | -.606  | .151  | -.185 | -1.360 | 120 | 1703 | -.054  | .057  | -.156 | -.295  | 120 | 1828 | -.058  | .052  | .071  | -.306  |
| 120 | 1521 | -.553  | .119  | -.224 | -1.174 | 120 | 1704 | -.185  | .084  | -.554 | -.093  | 120 | 1829 | -.041  | .079  | .270  | -.320  |
| 120 | 1522 | -.555  | .106  | -.170 | -.881  | 120 | 1705 | -.143  | .082  | -.180 | -.461  | 120 | 1830 | -.013  | .053  | .265  | -.146  |
| 120 | 1523 | -.576  | .124  | -.110 | -1.160 | 120 | 1706 | -.059  | .081  | -.468 | -.403  | 120 | 1831 | -.117  | .065  | .418  | -.051  |
| 120 | 1524 | -.498  | .203  | -.020 | -1.221 | 120 | 1707 | -.048  | .073  | -.469 | -.227  | 120 | 1832 | -.176  | .084  | .083  | -.525  |
| 120 | 1525 | -.467  | .191  | -.030 | -1.221 | 120 | 1708 | -.059  | .120  | -.483 | -.444  | 120 | 1833 | -.259  | .105  | .726  | -.002  |
| 120 | 1526 | -.453  | .165  | -.076 | -1.038 | 120 | 1709 | -.238  | .111  | -.079 | -.652  | 120 | 1834 | -.151  | .112  | .637  | -.284  |
| 120 | 1527 | -.499  | .157  | -.044 | -1.142 | 120 | 1710 | -.248  | .092  | -.005 | -.672  | 120 | 1835 | -.088  | .049  | .128  | -.241  |
| 120 | 1528 | -.326  | .183  | -.033 | -1.228 | 120 | 1711 | -.242  | .117  | -.081 | -.763  | 120 | 1836 | -.025  | .074  | .336  | -.297  |
| 120 | 1529 | -.326  | .145  | -.022 | -1.062 | 120 | 1712 | -.163  | .081  | -.470 | -.141  | 120 | 1837 | -.137  | .062  | .464  | -.000  |
| 120 | 1530 | -.243  | .154  | -.037 | -1.180 | 120 | 1713 | -.095  | .096  | -.581 | -.200  | 120 | 1838 | -.147  | .111  | .588  | -.288  |
| 120 | 1531 | -.231  | .110  | -.028 | -1.020 | 120 | 1714 | -.078  | .124  | -.274 | -.652  | 120 | 1839 | -.041  | .050  | .158  | -.183  |
| 120 | 1532 | -.346  | .156  | -.033 | -.932  | 120 | 1715 | -.202  | .164  | -.813 | -.468  | 120 | 1840 | -.025  | .055  | .267  | -.134  |
| 120 | 1601 | -.464  | .111  | -.078 | -1.010 | 120 | 1716 | -.340  | .131  | -.845 | -.037  | 120 | 1841 | -.127  | .065  | .504  | -.048  |
| 120 | 1602 | -.475  | .092  | -.151 | -.947  | 120 | 1717 | -.407  | .136  | 1.076 | .076   | 120 | 1842 | -.242  | .099  | .686  | -.028  |
| 120 | 1603 | -.463  | .085  | -.156 | -.998  | 120 | 1718 | -.374  | .127  | -.967 | .051   | 120 | 1843 | -.054  | .046  | .121  | -.199  |
| 120 | 1604 | -.461  | .075  | -.174 | -.943  | 120 | 1719 | -.348  | .120  | -.877 | .056   | 120 | 1844 | -.026  | .049  | .131  | -.244  |
| 120 | 1605 | -.426  | .069  | -.233 | -.843  | 120 | 1720 | -.147  | .077  | -.145 | -.438  | 120 | 1845 | -.156  | .065  | .394  | -.007  |
| 120 | 1606 | -.066  | .082  | -.313 | -.218  | 120 | 1721 | -.069  | .113  | -.267 | -.714  | 120 | 1846 | -.249  | .088  | .586  | -.033  |
| 120 | 1607 | -.473  | .094  | -.230 | -1.087 | 120 | 1722 | -.101  | .109  | -.142 | -.807  | 120 | 1847 | -.219  | .073  | .002  | -.532  |
| 120 | 1608 | -.426  | .061  | -.227 | -.636  | 120 | 1723 | -.282  | .126  | -.079 | -.812  | 120 | 1848 | -.256  | .074  | .535  | -.016  |
| 120 | 1609 | -.464  | .088  | -.176 | -.969  | 120 | 1724 | -.432  | .149  | 1.074 | .030   | 120 | 1849 | -.129  | .058  | .108  | -.309  |
| 120 | 1610 | -.474  | .071  | -.255 | -.787  | 120 | 1725 | -.350  | .172  | -.182 | -1.110 | 120 | 1850 | -.046  | .054  | .286  | -.105  |
| 120 | 1611 | -.451  | .066  | -.254 | -.726  | 120 | 1801 | -.211  | .113  | -.342 | -.537  | 120 | 1851 | -.005  | .039  | .115  | -.173  |
| 120 | 1612 | -.449  | .063  | -.241 | -.682  | 120 | 1802 | -.252  | .117  | -.174 | -.610  | 120 | 1852 | -.005  | .039  | .115  | -.173  |
| 120 | 1613 | -.425  | .061  | -.233 | -.647  | 120 | 1803 | -.146  | .184  | -.806 | -.281  | 120 | 1853 | -.039  | .039  | .203  | -.064  |
| 120 | 1614 | -.532  | .108  | -.220 | -.522  | 120 | 1804 | -.101  | .071  | -.405 | -.281  | 120 | 1854 | -.091  | .046  | .286  | -.059  |
| 120 | 1615 | -.506  | .093  | -.248 | -1.055 | 120 | 1805 | -.113  | .137  | -.302 | -.693  | 120 | 1855 | -.124  | .053  | .391  | -.017  |
| 120 | 1616 | -.497  | .087  | -.241 | -.936  | 120 | 1806 | -.084  | .085  | -.471 | -.160  | 120 | 1856 | -.156  | .068  | .028  | -.448  |
| 120 | 1617 | -.456  | .077  | -.226 | -.884  | 120 | 1807 | -.153  | .100  | -.141 | -.634  | 120 | 1857 | -.178  | .065  | .478  | -.000  |
| 120 | 1618 | -.466  | .076  | -.236 | -.790  | 120 | 1808 | -.173  | .100  | -.599 | -.071  | 120 | 1858 | -.149  | .052  | .002  | -.387  |
| 120 | 1619 | -.632  | .154  | -.020 | -1.247 | 120 | 1809 | -.283  | .143  | -.839 | -.084  | 120 | 1859 | -.052  | .057  | .200  | -.264  |
| 120 | 1620 | -.600  | .129  | -.212 | -.281  | 120 | 1810 | -.023  | .107  | -.436 | -.469  | 120 | 1860 | -.000  | .000  | .000  | -.000  |
| 120 | 1621 | -.549  | .116  | -.246 | -1.520 | 120 | 1811 | -.080  | .056  | -.258 | -.113  | 120 | 1861 | -.218  | .200  | .132  | -1.504 |
| 120 | 1622 | -.530  | .112  | -.240 | -.989  | 120 | 1812 | -.074  | .056  | -.306 | -.092  | 120 | 1862 | -.314  | .162  | .136  | -1.285 |
| 120 | 1623 | -.510  | .112  | -.195 | -.991  | 120 | 1813 | -.094  | .084  | -.328 | -.397  | 120 | 1863 | -.340  | .242  | .240  | -1.491 |
| 120 | 1624 | -.619  | .192  | -.015 | -1.597 | 120 | 1814 | -.055  | .075  | -.390 | -.107  | 120 | 1864 | -.264  | .073  | .588  | -.060  |
| 120 | 1625 | -.643  | .166  | -.065 | -1.433 | 120 | 1815 | -.150  | .085  | -.060 | -.615  | 120 | 1865 | -.140  | .056  | .024  | -.407  |
| 120 | 1626 | -.727  | .172  | -.113 | -1.494 | 120 | 1816 | -.195  | .093  | -.576 | -.032  | 120 | 1866 | -.050  | .069  | .311  | -.234  |
| 120 | 1627 | -.729  | .188  | -.331 | -1.684 | 120 | 1817 | -.301  | .132  | -.795 | -.002  | 120 | 1867 | -.100  | .083  | .188  | -.508  |
| 120 | 1628 | -.720  | .178  | -.338 | -1.504 | 120 | 1818 | -.147  | .091  | -.561 | -.283  | 120 | 1868 | -.196  | .064  | .485  | -.003  |
| 120 | 1629 | -.718  | .129  | -.009 | -.762  | 120 | 1819 | -.038  | .064  | -.221 | -.237  | 120 | 1869 | -.004  | .058  | .267  | -.198  |
| 120 | 1630 | -.794  | .290  | -.238 | -2.512 | 120 | 1820 | -.095  | .057  | -.382 | -.101  | 120 | 1870 | -.219  | .095  | .621  | -.017  |
| 120 | 1631 | -.202  | .087  | -.057 | -.590  | 120 | 1821 | -.081  | .058  | -.385 | -.442  | 120 | 1871 | -.115  | .067  | .367  | -.086  |
| 120 | 1632 | -.420  | .130  | -.080 | -.881  | 120 | 1822 | -.030  | .065  | -.157 | -.385  | 120 | 1872 | -.024  | .067  | .138  | -.333  |
| 120 | 1633 | -.477  | .118  | -.133 | -.952  | 120 | 1823 | -.166  | .088  | -.596 | -.030  | 120 |      | -.009  | .097  | .473  | -.348  |

ONE DENVER PLACE -- DENVER , COLORADO

| MD  | TAP   | CP | NEAN | CPRHS | CPHAX | CPHIN  |
|-----|-------|----|------|-------|-------|--------|
| 120 | 22220 | -  | 312  | .065  | .054  | -.596  |
| 120 | 22221 | -  | 433  | .090  | .122  | -.808  |
| 120 | 22222 | -  | 472  | .104  | .167  | -.977  |
| 120 | 22223 | -  | 477  | .125  | .169  | -1.051 |
| 120 | 22224 | -  | 221  | .053  | .059  | -.466  |
| 120 | 22225 | -  | 237  | .054  | .046  | -.446  |
| 120 | 22226 | -  | 222  | .061  | .065  | -.433  |
| 120 | 22227 | -  | 359  | .121  | .029  | -.869  |
| 120 | 22228 | -  | 307  | .122  | .029  | -.957  |
| 120 | 22229 | -  | 216  | .053  | .051  | -.454  |
| 120 | 22230 | -  | 183  | .056  | .027  | -.413  |
| 120 | 22231 | -  | 130  | .063  | .093  | -.360  |
| 120 | 22232 | -  | 027  | .096  | .383  | -.299  |
| 120 | 22233 | -  | 335  | .100  | .030  | -.727  |
| 120 | 22234 | -  | 174  | .098  | .135  | -.490  |
| 120 | 22235 | -  | 083  | .108  | .401  | -.371  |
| 120 | 22236 | -  | 001  | .102  | .413  | -.388  |
| 120 | 22237 | -  | 119  | .118  | .724  | -.173  |
| 120 | 22238 | -  | 122  | .077  | .120  | -.707  |
| 120 | 22239 | -  | 144  | .097  | .233  | -.532  |
| 120 | 22240 | -  | 040  | .088  | .289  | -.341  |
| 120 | 22241 | -  | 135  | .067  | .086  | -.403  |
| 120 | 22242 | -  | 255  | .121  | .102  | -.979  |
| 120 | 22301 | -  | 366  | .098  | .109  | -.975  |
| 120 | 22302 | -  | 338  | .087  | .106  | -1.169 |
| 120 | 22303 | -  | 300  | .067  | .075  | -.797  |
| 120 | 22304 | -  | 279  | .062  | .073  | -.696  |
| 120 | 22305 | -  | 362  | .076  | .161  | -.905  |
| 120 | 22306 | -  | 328  | .072  | .068  | -.819  |
| 120 | 22307 | -  | 287  | .060  | .118  | -.722  |
| 120 | 22308 | -  | 322  | .084  | .082  | -1.046 |
| 120 | 22309 | -  | 292  | .054  | .131  | -.563  |
| 120 | 22310 | -  | 349  | .090  | .113  | -1.103 |
| 120 | 22311 | -  | 334  | .070  | .093  | -.895  |
| 120 | 22312 | -  | 291  | .058  | .116  | -.538  |
| 120 | 22313 | -  | 311  | .060  | .109  | -.557  |
| 120 | 22314 | -  | 436  | .114  | .074  | -1.049 |
| 120 | 22315 | -  | 416  | .094  | .100  | -1.057 |
| 120 | 22316 | -  | 381  | .082  | .158  | -.783  |
| 120 | 22317 | -  | 401  | .079  | .161  | -.860  |
| 120 | 22318 | -  | 510  | .125  | .129  | -1.166 |
| 120 | 22319 | -  | 502  | .116  | .137  | -1.125 |
| 120 | 22320 | -  | 472  | .110  | .113  | -1.043 |
| 120 | 22321 | -  | 491  | .114  | .177  | -.998  |
| 120 | 22322 | -  | 258  | .110  | .014  | -.693  |
| 120 | 22323 | -  | 305  | .161  | .144  | -.747  |
| 120 | 22324 | -  | 572  | .226  | .098  | -1.715 |
| 120 | 22325 | -  | 639  | .235  | .034  | -1.765 |
| 120 | 22326 | -  | 249  | .146  | .230  | -.810  |
| 120 | 22327 | -  | 198  | .142  | .219  | -.754  |

| WD  | TAP  | CPHEAM | CPHMS | CPHMX | CPHINH |
|-----|------|--------|-------|-------|--------|
| 120 | 2328 | 185    | 159   | 300   | 983    |
| 120 | 2329 | 397    | 206   | 163   | 299    |
| 120 | 2330 | 224    | 110   | 665   | 156    |
| 120 | 2331 | 061    | 120   | 462   | 631    |
| 120 | 2332 | 233    | 081   | 509   | 020    |
| 120 | 2401 | 176    | 106   | 525   | 165    |
| 120 | 2402 | 251    | 115   | 593   | 117    |
| 120 | 2403 | 261    | 117   | 613   | 123    |
| 120 | 2404 | 306    | 121   | 670   | 080    |
| 120 | 2405 | 366    | 130   | 731   | 014    |
| 120 | 2406 | 397    | 137   | 792   | 018    |
| 120 | 2407 | 272    | 107   | 626   | 123    |
| 120 | 2408 | 514    | 145   | 981   | 113    |
| 120 | 2409 | 221    | 107   | 611   | 066    |
| 120 | 2410 | 453    | 145   | 1015  | 120    |
| 120 | 2411 | 570    | 170   | 1141  | 148    |
| 120 | 2412 | 583    | 172   | 1077  | 162    |
| 120 | 2413 | 520    | 159   | 1032  | 079    |
| 120 | 2414 | 170    | 109   | 530   | 133    |
| 120 | 2415 | 399    | 141   | 897   | 062    |
| 120 | 2416 | 483    | 152   | 1008  | 120    |
| 120 | 2417 | 536    | 158   | 1073  | 140    |
| 120 | 2418 | 461    | 158   | 990   | 043    |
| 120 | 2419 | 107    | 103   | 453   | 175    |
| 120 | 2420 | 327    | 123   | 699   | 031    |
| 120 | 2421 | 394    | 140   | 969   | 025    |
| 120 | 2422 | 395    | 143   | 984   | 025    |
| 120 | 2423 | 297    | 144   | 809   | 075    |
| 120 | 2424 | 098    | 087   | 567   | 129    |
| 120 | 2425 | 181    | 093   | 545   | 057    |
| 120 | 2426 | 217    | 101   | 645   | 034    |
| 120 | 2427 | 215    | 111   | 715   | 041    |
| 120 | 2428 | 157    | 109   | 692   | 122    |
| 120 | 2429 | 179    | 078   | 489   | 027    |
| 120 | 2430 | 132    | 086   | 555   | 095    |
| 120 | 2431 | 278    | 103   | 658   | 016    |
| 120 | 2432 | 310    | 112   | 799   | 047    |
| 120 | 2433 | 295    | 115   | 785   | 027    |
| 120 | 2434 | 282    | 104   | 677   | 036    |
| 120 | 2435 | 248    | 098   | 581   | 009    |
| 120 | 2501 | 128    | 146   | 514   | 489    |
| 120 | 2502 | 045    | 092   | 388   | 388    |
| 120 | 2503 | 382    | 092   | 092   | 878    |
| 120 | 2504 | 131    | 125   | 392   | 913    |
| 120 | 2505 | 045    | 131   | 388   | 629    |
| 120 | 2506 | 094    | 101   | 413   | 278    |
| 120 | 2507 | 116    | 086   | 205   | 431    |
| 120 | 2508 | 154    | 104   | 484   | 204    |
| 120 | 2509 | 120    | 103   | 437   | 223    |
| 120 | 2510 | 238    | 190   | 993   | 517    |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 120 | 2511 | .160   | .095  | .255  | -.474 | 120 | 2629 | -.521  | .218  | -.115 | -1.622 | 120 | 2819 | -.188  | .079  | .631  | -.023 |
| 120 | 2512 | .209   | .201  | .739  | -.562 | 120 | 2630 | -.184  | .054  | -.034 | -.440  | 120 | 2820 | -.184  | .090  | .123  | -.649 |
| 120 | 2513 | .222   | .115  | .597  | -.090 | 120 | 2631 | -.283  | .097  | -.047 | -.781  | 120 | 2821 | -.114  | .081  | .175  | -.494 |
| 120 | 2514 | .264   | .120  | .652  | -.093 | 120 | 2632 | -.218  | .097  | -.158 | -.766  | 120 | 2822 | -.130  | .084  | .578  | -.192 |
| 120 | 2515 | .199   | .082  | .108  | -.462 | 120 | 2633 | -.115  | .054  | -.101 | -.437  | 120 | 2823 | -.190  | .081  | .104  | -.574 |
| 120 | 2516 | .141   | .206  | .702  | -.633 | 120 | 2634 | -.139  | .048  | -.054 | -.384  | 120 | 2824 | -.205  | .082  | .511  | -.028 |
| 120 | 2517 | .166   | .119  | .586  | -.153 | 120 | 2635 | -.143  | .047  | -.056 | -.356  | 120 | 2825 | -.178  | .077  | .047  | -.502 |
| 120 | 2518 | .188   | .108  | .598  | -.153 | 120 | 2701 | -.103  | .056  | -.333 | -.088  | 120 | 2826 | -.121  | .082  | .149  | -.508 |
| 120 | 2519 | .188   | .087  | .122  | -.578 | 120 | 2702 | -.138  | .056  | -.156 | -.349  | 120 | 2827 | -.190  | .074  | -.019 | -.501 |
| 120 | 2520 | .061   | .195  | .596  | -.707 | 120 | 2703 | -.169  | .060  | -.048 | -.429  | 120 | 2828 | -.174  | .092  | .811  | -.109 |
| 120 | 2521 | .048   | .097  | .448  | -.291 | 120 | 2704 | -.262  | .073  | -.066 | -.602  | 120 | 2829 | -.100  | .080  | .243  | -.495 |
| 120 | 2522 | .080   | .100  | .528  | -.208 | 120 | 2705 | -.272  | .082  | -.712 | -.042  | 120 | 2830 | -.158  | .091  | .197  | -.638 |
| 120 | 2523 | .265   | .085  | .009  | -.632 | 120 | 2706 | -.308  | .125  | -.014 | -.929  | 120 | 2831 | -.185  | .075  | .071  | -.501 |
| 120 | 2524 | .071   | .141  | .383  | -.762 | 120 | 2707 | -.264  | .093  | -.151 | -.836  | 120 | 2832 | -.204  | .073  | .476  | -.007 |
| 120 | 2525 | .031   | .069  | .270  | -.257 | 120 | 2708 | -.212  | .107  | -.177 | -.805  | 120 | 2833 | -.187  | .069  | .033  | -.448 |
| 120 | 2526 | .011   | .078  | .318  | -.332 | 120 | 2709 | -.149  | .114  | -.590 | -.302  | 120 | 2834 | -.142  | .074  | .173  | -.417 |
| 120 | 2527 | .244   | .074  | .034  | -.332 | 120 | 2710 | -.187  | .138  | -.758 | -.254  | 120 | 2835 | -.189  | .068  | -.005 | -.593 |
| 120 | 2528 | .112   | .098  | .362  | -.372 | 120 | 2711 | -.228  | .066  | -.511 | -.044  | 120 | 2836 | -.116  | .084  | .490  | -.129 |
| 120 | 2529 | .063   | .097  | .097  | -.444 | 120 | 2712 | -.277  | .080  | -.078 | -.776  | 120 | 2837 | -.142  | .054  | .026  | -.404 |
| 120 | 2530 | .030   | .100  | .442  | -.309 | 120 | 2713 | -.260  | .093  | -.019 | -.894  | 120 | 2838 | -.146  | .070  | .077  | -.451 |
| 120 | 2531 | .067   | .061  | .400  | -.098 | 120 | 2714 | -.071  | .071  | -.168 | -.397  | 120 | 2839 | -.171  | .061  | -.005 | -.517 |
| 120 | 2532 | .091   | .052  | .163  | -.262 | 120 | 2715 | -.234  | .096  | -.783 | -.028  | 120 | 2840 | -.058  | .076  | .532  | -.328 |
| 120 | 2533 | .063   | .234  | .457  | -.881 | 120 | 2716 | -.219  | .054  | -.078 | -.507  | 120 | 2841 | -.187  | .073  | .031  | -.498 |
| 120 | 2534 | .046   | .112  | .135  | -.738 | 120 | 2717 | -.207  | .053  | -.031 | -.476  | 120 | 2842 | -.184  | .081  | .096  | -.463 |
| 120 | 2535 | .033   | .070  | .072  | -.742 | 120 | 2718 | -.220  | .053  | -.077 | -.496  | 120 | 2843 | -.152  | .059  | .052  | -.449 |
| 120 | 2536 | .004   | .057  | .055  | -.624 | 120 | 2719 | -.219  | .054  | -.085 | -.491  | 120 | 2844 | -.080  | .071  | .351  | -.307 |
| 120 | 2537 | .190   | .051  | .011  | -.557 | 120 | 2720 | -.252  | .076  | -.566 | -.055  | 120 | 2845 | -.164  | .060  | .075  | -.394 |
| 120 | 2538 | .006   | .052  | .036  | -.551 | 120 | 2721 | -.070  | .069  | -.206 | -.432  | 120 | 2846 | -.142  | .066  | .132  | -.384 |
| 120 | 2539 | .947   | .230  | .390  | -.663 | 120 | 2722 | -.099  | .065  | -.206 | -.479  | 120 | 2847 | -.195  | .063  | -.031 | -.522 |
| 120 | 2540 | .213   | .046  | .067  | -.431 | 120 | 2723 | .039   | .088  | -.345 | -.267  | 120 | 2848 | -.152  | .053  | .356  | -.030 |
| 120 | 2541 | .767   | .149  | .374  | -.426 | 120 | 2724 | .183   | .101  | -.663 | -.448  | 120 | 2849 | -.161  | .058  | .019  | -.455 |
| 120 | 2542 | .760   | .177  | .088  | -.318 | 120 | 2725 | -.230  | .091  | -.083 | -.686  | 120 | 2850 | -.189  | .082  | .046  | -.647 |
| 120 | 2543 | .287   | .194  | .032  | -.020 | 120 | 2726 | -.238  | .070  | -.074 | -.623  | 120 | 2851 | -.020  | .052  | .299  | -.270 |
| 120 | 2544 | .271   | .122  | .034  | -.863 | 120 | 2801 | -.238  | .074  | -.083 | -.716  | 120 | 2852 | -.077  | .071  | .199  | -.444 |
| 120 | 2545 | .227   | .062  | .007  | -.608 | 120 | 2802 | -.227  | .075  | -.081 | -.058  | 120 | 2853 | -.056  | .043  | .112  | -.226 |
| 120 | 2546 | .754   | .177  | .181  | -.373 | 120 | 2803 | -.216  | .075  | -.012 | -.559  | 120 | 2854 | -.108  | .047  | .060  | -.362 |
| 120 | 2547 | .685   | .185  | .115  | -.349 | 120 | 2804 | -.160  | .099  | -.139 | -.760  | 120 | 2855 | -.094  | .047  | .107  | -.251 |
| 120 | 2548 | .560   | .211  | .080  | -.225 | 120 | 2805 | -.233  | .141  | -.132 | -.103  | 120 | 2856 | -.067  | .055  | .150  | -.231 |
| 120 | 2549 | .304   | .146  | .034  | -.942 | 120 | 2806 | -.311  | .189  | -.092 | -.932  | 120 | 2857 | -.188  | .126  | .655  | -.497 |
| 120 | 2550 | .276   | .090  | .029  | -.582 | 120 | 2807 | -.218  | .124  | -.153 | -.789  | 120 | 2858 | -.083  | .103  | .492  | -.376 |
| 120 | 2551 | .684   | .182  | .266  | -.539 | 120 | 2808 | -.173  | .083  | -.128 | -.432  | 120 | 2859 | -.151  | .076  | .324  | -.407 |
| 120 | 2552 | .650   | .179  | .158  | -.227 | 120 | 2809 | -.148  | .087  | -.749 | -.025  | 120 | 2860 | -.150  | .077  | .356  | -.419 |
| 120 | 2553 | .387   | .172  | .016  | -.127 | 120 | 2810 | -.220  | .086  | -.017 | -.608  | 120 | 2861 | -.181  | .059  | .052  | -.438 |
| 120 | 2554 | .320   | .144  | .009  | -.131 | 120 | 2811 | -.203  | .081  | -.223 | -.618  | 120 | 2862 | -.185  | .060  | -.037 | -.492 |
| 120 | 2555 | .256   | .106  | .002  | -.828 | 120 | 2812 | -.115  | .081  | -.201 | -.619  | 120 | 2863 | -.015  | .091  | .427  | -.322 |
| 120 | 2556 | .587   | .179  | .197  | -.413 | 120 | 2813 | -.174  | .108  | -.760 | -.104  | 120 | 2864 | -.146  | .056  | .039  | -.386 |
| 120 | 2557 | .526   | .167  | .142  | -.476 | 120 | 2814 | -.225  | .108  | -.050 | -.946  | 120 | 2865 | -.102  | .066  | .155  | -.566 |
| 120 | 2558 | .431   | .167  | .059  | -.018 | 120 | 2815 | -.238  | .114  | -.041 | -.645  | 120 | 2866 | -.197  | .057  | -.046 | -.504 |
| 120 | 2559 | .240   | .107  | .061  | -.742 | 120 | 2816 | -.184  | .081  | -.116 | -.579  | 120 | 2867 | -.078  | .094  | .418  | -.233 |
| 120 | 2560 | .224   | .077  | .016  | -.652 | 120 | 2817 | -.122  | .075  |       |        |     |      |        |       |       |       |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPNEAN | CPNRS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPNRS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPNRS | CPMAX | CPMIN  |
|------|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 1200 | 2868 | .048   | .038  | .130  | -.271  | 135 | 1121 | .416   | .161  | 1.063 | -.145  | 135 | 1241 | .252   | .111  | .626  | -.082  |
| 1200 | 2869 | -.022  | .033  | .137  | -.294  | 135 | 1122 | -.110  | .118  | .405  | -.462  | 135 | 1242 | -.453  | .155  | .961  | -.000  |
| 1200 | 2870 | -.019  | .065  | .238  | -.251  | 135 | 1123 | -.224  | .122  | .711  | -.142  | 135 | 1301 | -.448  | .143  | -.100 | -1.241 |
| 1200 | 2871 | -.120  | .048  | .011  | -.329  | 135 | 1124 | -.282  | .133  | .763  | -.070  | 135 | 1302 | -.464  | .130  | -.140 | -1.111 |
| 1200 | 2872 | -.179  | .060  | -.028 | -.516  | 135 | 1125 | -.339  | .143  | .882  | -.032  | 135 | 1303 | -.370  | .118  | -.046 | -.832  |
| 1200 | 2873 | -.140  | .059  | -.023 | -.413  | 135 | 1126 | -.185  | .141  | .277  | -.841  | 135 | 1304 | -.356  | .114  | -.028 | -.836  |
| 135  | 101  | -.736  | .232  | -.125 | -1.529 | 135 | 1127 | -.059  | .109  | .528  | -.250  | 135 | 1305 | -.405  | .135  | -.009 | -1.227 |
| 135  | 102  | -.397  | .147  | -.046 | -1.149 | 135 | 1128 | -.285  | .121  | .757  | -.021  | 135 | 1306 | -.437  | .135  | -.137 | -1.198 |
| 135  | 103  | -.306  | .137  | -.035 | -1.283 | 135 | 1129 | -.333  | .141  | .934  | -.082  | 135 | 1307 | -.365  | .111  | -.130 | -.880  |
| 135  | 104  | -.371  | .152  | -.129 | -1.180 | 135 | 1130 | -.086  | .143  | .457  | -.759  | 135 | 1308 | -.424  | .127  | -.145 | -1.115 |
| 135  | 105  | -.331  | .135  | -.097 | -.877  | 135 | 1201 | -.211  | .153  | .679  | -.511  | 135 | 1309 | -.322  | .106  | -.098 | -.761  |
| 135  | 106  | -.241  | .134  | -.113 | -.856  | 135 | 1202 | -.127  | .126  | .566  | -.410  | 135 | 1310 | -.399  | .140  | -.131 | -1.120 |
| 135  | 107  | -.362  | .134  | -.015 | -.983  | 135 | 1203 | -.076  | .100  | .414  | -.338  | 135 | 1311 | -.408  | .137  | -.080 | -1.190 |
| 135  | 108  | -.477  | .158  | -.039 | -1.156 | 135 | 1204 | -.046  | .089  | .373  | -.362  | 135 | 1312 | -.417  | .132  | -.002 | -1.023 |
| 135  | 109  | -.665  | .201  | -.011 | -1.580 | 135 | 1205 | -.001  | .078  | .364  | -.369  | 135 | 1313 | -.389  | .143  | -.029 | -1.092 |
| 135  | 110  | -.506  | .149  | -.015 | -1.084 | 135 | 1206 | -.121  | .068  | .154  | -.455  | 135 | 1314 | -.419  | .139  | -.071 | -1.143 |
| 135  | 111  | -.465  | .178  | -.078 | -1.117 | 135 | 1207 | -.447  | .206  | .990  | -.500  | 135 | 1315 | -.437  | .140  | -.046 | -1.236 |
| 135  | 112  | -.449  | .138  | -.036 | -1.013 | 135 | 1208 | -.083  | .082  | .232  | -.544  | 135 | 1316 | -.448  | .141  | -.030 | -1.180 |
| 135  | 201  | -.351  | .105  | -.068 | -.831  | 135 | 1209 | -.454  | .194  | 1.013 | -.339  | 135 | 1317 | -.432  | .160  | -.044 | -1.150 |
| 135  | 202  | -.457  | .123  | -.015 | -.891  | 135 | 1210 | -.445  | .164  | .873  | -.146  | 135 | 1318 | -.566  | .183  | -.108 | -1.452 |
| 135  | 203  | -.517  | .131  | -.012 | -1.090 | 135 | 1211 | -.280  | .122  | .737  | -.177  | 135 | 1319 | -.569  | .190  | -.073 | -1.494 |
| 135  | 204  | -.514  | .123  | -.156 | -1.043 | 135 | 1212 | -.158  | .104  | .609  | -.228  | 135 | 1320 | -.519  | .174  | -.021 | -1.355 |
| 135  | 205  | -.508  | .112  | -.175 | -1.069 | 135 | 1213 | -.102  | .084  | .192  | -.487  | 135 | 1321 | -.380  | .154  | -.127 | -.974  |
| 135  | 206  | -.530  | .144  | -.154 | -1.213 | 135 | 1214 | -.454  | .170  | .983  | -.086  | 135 | 1322 | -.629  | .285  | -.066 | -1.906 |
| 135  | 207  | -.538  | .136  | -.044 | -1.011 | 135 | 1215 | -.384  | .147  | .837  | -.140  | 135 | 1323 | -.096  | .099  | -.244 | -.768  |
| 135  | 208  | -.463  | .134  | -.019 | -1.025 | 135 | 1216 | -.321  | .130  | .757  | -.191  | 135 | 1324 | -.097  | .089  | -.226 | -.525  |
| 135  | 209  | -.330  | .124  | -.187 | -.860  | 135 | 1217 | -.112  | .096  | .420  | -.278  | 135 | 1325 | -.100  | .099  | -.231 | -.588  |
| 135  | 210  | -.416  | .122  | -.020 | -.918  | 135 | 1218 | -.127  | .082  | .165  | -.521  | 135 | 1326 | -.151  | .076  | -.087 | -.536  |
| 135  | 211  | -.501  | .123  | -.159 | -1.092 | 135 | 1219 | -.386  | .151  | .849  | -.138  | 135 | 1327 | -.084  | .061  | -.183 | -.411  |
| 135  | 212  | -.514  | .112  | -.209 | -1.111 | 135 | 1220 | -.342  | .130  | .772  | -.167  | 135 | 1328 | -.085  | .063  | -.127 | -.454  |
| 135  | 1101 | -.093  | .182  | -.769 | -.577  | 135 | 1221 | -.192  | .098  | .502  | -.216  | 135 | 1329 | -.068  | .072  | -.133 | -.564  |
| 135  | 1102 | -.293  | .186  | -.889 | -.357  | 135 | 1222 | -.070  | .080  | .395  | -.292  | 135 | 1330 | -.058  | .051  | -.094 | -.229  |
| 135  | 1103 | -.268  | .165  | -.811 | -.632  | 135 | 1223 | -.195  | .076  | .116  | -.459  | 135 | 1331 | -.082  | .056  | -.085 | -.512  |
| 135  | 1104 | -.332  | .168  | -.826 | -.630  | 135 | 1224 | -.302  | .143  | .798  | -.082  | 135 | 1332 | -.055  | .057  | -.214 | -.348  |
| 135  | 1105 | -.477  | .258  | -.595 | -1.250 | 135 | 1225 | -.227  | .115  | .679  | -.108  | 135 | 1401 | -.260  | .088  | -.004 | -.639  |
| 135  | 1106 | -.285  | .207  | -.861 | -.369  | 135 | 1226 | -.193  | .104  | .596  | -.127  | 135 | 1402 | -.285  | .092  | -.087 | -.683  |
| 135  | 1107 | -.326  | .210  | -.947 | -.401  | 135 | 1227 | -.162  | .086  | .578  | -.142  | 135 | 1403 | -.287  | .092  | -.085 | -.665  |
| 135  | 1108 | -.079  | .170  | -.676 | -.453  | 135 | 1228 | -.083  | .063  | .163  | -.351  | 135 | 1404 | -.293  | .092  | -.002 | -.772  |
| 135  | 1109 | -.462  | .230  | -.181 | -.500  | 135 | 1229 | -.129  | .108  | .595  | -.233  | 135 | 1405 | -.264  | .091  | -.011 | -.690  |
| 135  | 1110 | -.022  | .138  | -.512 | -.414  | 135 | 1230 | -.107  | .101  | .476  | -.157  | 135 | 1406 | -.312  | .103  | -.048 | -.712  |
| 135  | 1111 | -.375  | .174  | -.957 | -.220  | 135 | 1231 | -.152  | .098  | .567  | -.222  | 135 | 1407 | -.291  | .085  | -.048 | -.688  |
| 135  | 1112 | -.417  | .194  | -.043 | -.148  | 135 | 1232 | -.243  | .102  | .670  | -.141  | 135 | 1408 | -.301  | .090  | -.074 | -.675  |
| 135  | 1113 | -.447  | .224  | -.962 | -.356  | 135 | 1233 | -.318  | .116  | .737  | -.091  | 135 | 1409 | -.310  | .092  | -.036 | -1.094 |
| 135  | 1114 | -.031  | .104  | -.330 | -.397  | 135 | 1234 | -.248  | .104  | .594  | -.064  | 135 | 1410 | -.329  | .077  | -.082 | -.742  |
| 135  | 1115 | -.310  | .159  | -.813 | -.075  | 135 | 1235 | -.146  | .141  | .748  | -.346  | 135 | 1411 | -.364  | .086  | -.107 | -.711  |
| 135  | 1116 | -.347  | .179  | -.901 | -.114  | 135 | 1236 | -.079  | .219  | .699  | -.184  | 135 | 1412 | -.392  | .101  | -.106 | -.850  |
| 135  | 1117 | -.408  | .194  | -.959 | -.252  | 135 | 1237 | -.351  | .127  | .797  | -.009  | 135 | 1413 | -.368  | .121  | -.069 | -1.105 |
| 135  | 1118 | -.034  | .101  | -.358 | -.384  | 135 | 1238 | -.396  | .142  | .929  | -.009  | 135 | 1414 | -.321  | .119  | -.009 | -1.102 |
| 135  | 1119 | -.282  | .141  | -.813 | -.119  | 135 | 1239 | -.483  | .153  | .988  | -.049  | 135 | 1415 | -.296  | .087  | -.057 | -.754  |
| 135  | 1120 | -.321  | .152  | -.835 | -.092  | 135 | 1240 | -.655  | .252  | .667  | -1.177 | 135 | 1416 | -.306  | .077  | -.090 | -.647  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 135 | 1417 | .291   | .088  | -.053 | -.653  | 135 | 1532 | -.392  | .156  | .000  | -1.114 | 135 | 1715 | .117   | .140  | .627  | -.349 |
| 135 | 1418 | -.339  | .108  | -.032 | -.820  | 135 | 1601 | -.471  | .175  | .046  | -1.467 | 135 | 1716 | .363   | .130  | .877  | .056  |
| 135 | 1419 | -.397  | .176  | .037  | -1.293 | 135 | 1602 | -.532  | .186  | -.027 | -1.381 | 135 | 1717 | .393   | .142  | .929  | .076  |
| 135 | 1420 | -.293  | .148  | -.058 | -1.053 | 135 | 1603 | -.598  | .199  | -.034 | -1.518 | 135 | 1718 | .351   | .129  | .886  | .070  |
| 135 | 1421 | -.259  | .093  | -.013 | -.735  | 135 | 1604 | -.663  | .216  | -.070 | -1.859 | 135 | 1719 | .322   | .121  | .824  | .034  |
| 135 | 1422 | -.305  | .101  | -.048 | -.790  | 135 | 1605 | -.670  | .217  | -.084 | -2.145 | 135 | 1720 | -.132  | .081  | .234  | -.407 |
| 135 | 1423 | -.330  | .117  | -.064 | -.786  | 135 | 1606 | -.139  | .132  | -.726 | -.515  | 135 | 1721 | -.072  | .123  | .426  | -.661 |
| 135 | 1424 | -.137  | .104  | .180  | -.726  | 135 | 1607 | -.478  | .178  | -.017 | -1.427 | 135 | 1722 | -.130  | .117  | .214  | -.821 |
| 135 | 1425 | -.147  | .085  | .104  | -.637  | 135 | 1608 | -.651  | .212  | -.085 | -1.721 | 135 | 1723 | -.267  | .131  | .041  | -.920 |
| 135 | 1426 | -.230  | .097  | .025  | -.664  | 135 | 1609 | -.553  | .181  | -.030 | -1.374 | 135 | 1724 | -.338  | .147  | .932  | .022  |
| 135 | 1427 | -.254  | .108  | .011  | -.829  | 135 | 1610 | -.539  | .158  | -.015 | -1.039 | 135 | 1725 | -.266  | .152  | .248  | -.806 |
| 135 | 1428 | -.253  | .107  | -.009 | -.774  | 135 | 1611 | -.566  | .156  | -.055 | -1.216 | 135 | 1801 | -.109  | .151  | .474  | -.573 |
| 135 | 1429 | -.134  | .124  | .246  | -.788  | 135 | 1612 | -.558  | .142  | -.051 | -1.497 | 135 | 1802 | -.141  | .149  | .353  | -.578 |
| 135 | 1430 | -.224  | .097  | .007  | -.767  | 135 | 1613 | -.525  | .127  | -.078 | -1.176 | 135 | 1803 | .027   | .150  | .616  | -.349 |
| 135 | 1431 | -.144  | .114  | .228  | -.665  | 135 | 1614 | -.586  | .201  | -.060 | -1.514 | 135 | 1804 | .129   | .084  | .429  | -.214 |
| 135 | 1432 | -.178  | .102  | .131  | -.689  | 135 | 1615 | -.563  | .170  | -.030 | -1.273 | 135 | 1805 | -.018  | .141  | .428  | -.564 |
| 135 | 1433 | -.180  | .101  | .080  | -.821  | 135 | 1616 | -.575  | .166  | -.075 | -1.514 | 135 | 1806 | -.123  | .111  | .587  | -.194 |
| 135 | 1434 | -.231  | .111  | .030  | -.850  | 135 | 1617 | -.542  | .148  | -.036 | -1.622 | 135 | 1807 | -.179  | .115  | .069  | -.781 |
| 135 | 1435 | -.084  | .087  | -.007 | -.583  | 135 | 1618 | -.537  | .132  | -.163 | -1.393 | 135 | 1808 | .176   | .104  | .643  | -.105 |
| 135 | 1501 | -.383  | .118  | -.039 | -.885  | 135 | 1619 | -.625  | .225  | .021  | -1.644 | 135 | 1809 | .216   | .113  | .661  | -.074 |
| 135 | 1502 | .408   | .124  | -.073 | -.922  | 135 | 1620 | -.638  | .208  | .115  | -1.845 | 135 | 1810 | .046   | .101  | .473  | -.324 |
| 135 | 1503 | .393   | .121  | .059  | -.174  | 135 | 1621 | -.634  | .180  | .000  | -1.900 | 135 | 1811 | .032   | .064  | .254  | -.202 |
| 135 | 1504 | .463   | .154  | .077  | -.082  | 135 | 1622 | -.609  | .162  | .265  | -1.454 | 135 | 1812 | .087   | .068  | .353  | -.199 |
| 135 | 1505 | .450   | .135  | .127  | -.963  | 135 | 1623 | -.597  | .158  | .156  | -2.222 | 135 | 1813 | -.048  | .107  | .318  | -.433 |
| 135 | 1506 | .441   | .146  | -.021 | -.241  | 135 | 1624 | -.405  | .187  | .070  | -1.502 | 135 | 1814 | -.064  | .083  | .520  | -.187 |
| 135 | 1507 | .447   | .143  | -.027 | -.168  | 135 | 1625 | -.480  | .239  | .272  | -1.368 | 135 | 1815 | -.153  | .093  | .105  | -.532 |
| 135 | 1508 | .375   | .106  | -.060 | -.850  | 135 | 1626 | -.584  | .225  | .106  | -1.638 | 135 | 1816 | -.203  | .094  | .609  | -.069 |
| 135 | 1509 | .430   | .137  | -.049 | -.189  | 135 | 1627 | -.740  | .257  | .112  | -2.177 | 135 | 1817 | .287   | .112  | .708  | -.002 |
| 135 | 1510 | .396   | .120  | -.021 | -.866  | 135 | 1628 | -.714  | .226  | -.224 | -1.702 | 135 | 1818 | .181   | .092  | .533  | -.383 |
| 135 | 1511 | .429   | .136  | -.048 | -.069  | 135 | 1629 | -.270  | .094  | .013  | -.783  | 135 | 1819 | -.013  | .069  | .178  | -.318 |
| 135 | 1512 | .450   | .142  | -.098 | -.056  | 135 | 1630 | -.821  | .353  | -.073 | -2.391 | 135 | 1820 | -.104  | .071  | .589  | -.103 |
| 135 | 1513 | .430   | .128  | -.078 | -.838  | 135 | 1631 | -.093  | .070  | .171  | -.554  | 135 | 1821 | -.012  | .104  | .550  | -.356 |
| 135 | 1514 | .432   | .129  | -.019 | -.926  | 135 | 1632 | -.248  | .109  | .011  | -1.078 | 135 | 1822 | -.070  | .075  | .169  | -.372 |
| 135 | 1515 | .485   | .150  | -.013 | -.012  | 135 | 1633 | -.294  | .138  | .072  | -1.187 | 135 | 1823 | -.153  | .085  | .635  | -.036 |
| 135 | 1516 | .461   | .154  | -.062 | -.056  | 135 | 1634 | -.263  | .106  | -.008 | -.780  | 135 | 1824 | -.191  | .090  | .009  | -.594 |
| 135 | 1517 | .441   | .131  | -.072 | -.997  | 135 | 1635 | -.338  | .116  | -.046 | -.881  | 135 | 1825 | -.272  | .113  | .750  | -.042 |
| 135 | 1518 | .421   | .118  | -.083 | -.897  | 135 | 1701 | -.248  | .095  | .049  | -.643  | 135 | 1826 | -.193  | .110  | .661  | -.205 |
| 135 | 1519 | .501   | .150  | -.078 | -.109  | 135 | 1702 | -.018  | .060  | .315  | -.217  | 135 | 1827 | -.111  | .068  | .131  | -.371 |
| 135 | 1520 | .417   | .163  | -.075 | -.123  | 135 | 1703 | -.039  | .053  | .171  | -.316  | 135 | 1828 | -.072  | .061  | .111  | -.445 |
| 135 | 1521 | .411   | .138  | -.057 | -.153  | 135 | 1704 | -.163  | .086  | .518  | -.254  | 135 | 1829 | -.014  | .071  | .326  | -.313 |
| 135 | 1522 | .435   | .149  | -.021 | -.049  | 135 | 1705 | -.128  | .080  | .131  | -.465  | 135 | 1830 | .036   | .055  | .284  | -.144 |
| 135 | 1523 | .526   | .182  | .044  | -.117  | 135 | 1706 | .074   | .077  | .458  | -.205  | 135 | 1831 | .110   | .067  | .482  | -.063 |
| 135 | 1524 | .295   | .137  | .043  | -.054  | 135 | 1707 | .074   | .079  | .428  | -.151  | 135 | 1832 | -.178  | .082  | .007  | -.521 |
| 135 | 1525 | .312   | .131  | -.032 | -.895  | 135 | 1708 | .018   | .101  | .415  | -.383  | 135 | 1833 | .250   | .103  | .667  | .020  |
| 135 | 1526 | .357   | .135  | -.050 | -.972  | 135 | 1709 | -.188  | .107  | .095  | -.646  | 135 | 1834 | -.193  | .109  | .674  | -.232 |
| 135 | 1527 | .420   | .151  | .040  | -.037  | 135 | 1710 | -.174  | .089  | .063  | -.519  | 135 | 1835 | -.036  | .058  | .230  | -.227 |
| 135 | 1528 | .273   | .109  | -.002 | -.969  | 135 | 1711 | -.209  | .111  | .116  | -.612  | 135 | 1836 | -.012  | .073  | .258  | -.398 |
| 135 | 1529 | .402   | .148  | -.087 | -.165  | 135 | 1712 | -.148  | .078  | .426  | -.098  | 135 | 1837 | .133   | .061  | .364  | -.019 |
| 135 | 1530 | .146   | .089  | .111  | -.595  | 135 | 1713 | -.132  | .108  | .593  | -.223  | 135 | 1838 | -.179  | .102  | .519  | -.264 |
| 135 | 1531 | .314   | .124  | .832  | -.059  | 135 | 1714 | -.127  | .124  | .261  | -.736  | 135 | 1839 | -.011  | .052  | .216  | -.252 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|-------|
| 1355 | 1840  | .004   | .036  | .222  | .229  |
| 1355 | 1841  | .132   | .043  | .420  | .042  |
| 1355 | 1842  | .249   | .096  | .638  | .018  |
| 1355 | 1843  | .011   | .047  | .232  | .176  |
| 1355 | 1844  | .037   | .047  | .138  | .222  |
| 1355 | 1845  | .143   | .063  | .446  | .033  |
| 1355 | 1846  | .241   | .093  | .825  | .007  |
| 1355 | 1847  | .131   | .077  | .124  | .403  |
| 1355 | 1848  | .145   | .081  | .481  | .093  |
| 1355 | 1849  | .053   | .056  | .143  | .295  |
| 1355 | 1850  | .055   | .055  | .345  | .144  |
| 1355 | 1851  | .006   | .040  | .116  | .146  |
| 1355 | 1851  | .006   | .040  | .116  | .146  |
| 1355 | 1852  | .045   | .039  | .189  | .053  |
| 1355 | 1853  | .089   | .044  | .278  | .024  |
| 1355 | 1854  | .125   | .052  | .326  | .010  |
| 1355 | 1855  | .156   | .070  | .612  | .472  |
| 1355 | 1855  | .183   | .069  | .503  | .000  |
| 1355 | 1856  | .132   | .057  | .034  | .446  |
| 1355 | 1858  | .044   | .059  | .154  | .253  |
| 1355 | 1859  | .000   | .000  | .000  | .000  |
| 1355 | 1860  | .136   | .146  | .155  | .238  |
| 1355 | 1861  | .277   | .127  | .037  | .033  |
| 1355 | 1862  | .486   | .219  | .019  | .446  |
| 1355 | 1863  | .250   | .071  | .539  | .074  |
| 1355 | 1864  | .134   | .051  | .056  | .372  |
| 1355 | 1865  | .044   | .064  | .275  | .239  |
| 1355 | 1866  | .137   | .075  | .210  | .444  |
| 1355 | 1867  | .161   | .059  | .442  | .084  |
| 1355 | 1868  | .015   | .051  | .215  | .135  |
| 1355 | 1869  | .223   | .090  | .572  | .027  |
| 1355 | 1870  | .116   | .062  | .338  | .080  |
| 1355 | 1871  | .006   | .053  | .178  | .212  |
| 1355 | 1872  | .012   | .084  | .319  | .348  |
| 1355 | 1873  | .093   | .197  | .429  | .845  |
| 1355 | 21101 | .305   | .103  | .029  | .884  |
| 1355 | 21102 | .286   | .100  | .036  | .797  |
| 1355 | 21103 | .312   | .099  | .009  | .000  |
| 1355 | 21104 | .306   | .102  | .041  | .095  |
| 1355 | 21105 | .313   | .099  | .015  | .748  |
| 1355 | 21106 | .270   | .088  | .024  | .698  |
| 1355 | 21107 | .292   | .086  | .073  | .737  |
| 1355 | 21108 | .278   | .085  | .065  | .627  |
| 1355 | 21109 | .306   | .089  | .085  | .950  |
| 1355 | 21110 | .294   | .080  | .063  | .740  |
| 1355 | 21111 | .285   | .064  | .088  | .590  |
| 1355 | 21112 | .275   | .061  | .104  | .510  |
| 1355 | 21113 | .306   | .075  | .085  | .571  |
| 1355 | 21114 | .296   | .060  | .000  | .737  |
| 1355 | 21115 | .290   | .070  | .061  | .695  |

| WD   | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|-------|
| 1355 | 21116 | .283   | .069  | .075  | .573  |
| 1355 | 21117 | .350   | .079  | .097  | .659  |
| 1355 | 21118 | .279   | .095  | .037  | .781  |
| 1355 | 21119 | .267   | .074  | .047  | .632  |
| 1355 | 21120 | .259   | .072  | .083  | .620  |
| 1355 | 21121 | .290   | .079  | .101  | .700  |
| 1355 | 21122 | .246   | .088  | .056  | .605  |
| 1355 | 21123 | .217   | .072  | .020  | .500  |
| 1355 | 21124 | .200   | .069  | .032  | .467  |
| 1355 | 21125 | .226   | .071  | .046  | .532  |
| 1355 | 21126 | .235   | .092  | .054  | .662  |
| 1355 | 21127 | .228   | .074  | .005  | .558  |
| 1355 | 21128 | .227   | .063  | .056  | .474  |
| 1355 | 21129 | .235   | .066  | .066  | .537  |
| 1355 | 21130 | .254   | .113  | .010  | .977  |
| 1355 | 22001 | .366   | .116  | .103  | .229  |
| 1355 | 22002 | .366   | .115  | .005  | .154  |
| 1355 | 22003 | .399   | .117  | .012  | .877  |
| 1355 | 22004 | .406   | .120  | .044  | .991  |
| 1355 | 22005 | .430   | .135  | .002  | .109  |
| 1355 | 22006 | .409   | .138  | .027  | .166  |
| 1355 | 22007 | .357   | .123  | .070  | .965  |
| 1355 | 22008 | .408   | .155  | .068  | .143  |
| 1355 | 22009 | .366   | .102  | .113  | .798  |
| 1355 | 22010 | .346   | .091  | .090  | .780  |
| 1355 | 22011 | .396   | .116  | .027  | .977  |
| 1355 | 22012 | .410   | .132  | .000  | .062  |
| 1355 | 22013 | .464   | .149  | .010  | .210  |
| 1355 | 22014 | .373   | .105  | .104  | .928  |
| 1355 | 22015 | .389   | .102  | .095  | .763  |
| 1355 | 22016 | .429   | .118  | .039  | .940  |
| 1355 | 22017 | .538   | .148  | .012  | .087  |
| 1355 | 22018 | .566   | .164  | .070  | .303  |
| 1355 | 22019 | .279   | .077  | .075  | .625  |
| 1355 | 22020 | .207   | .087  | .066  | .671  |
| 1355 | 22021 | .470   | .143  | .044  | .119  |
| 1355 | 22022 | .564   | .168  | .194  | .196  |
| 1355 | 22023 | .646   | .174  | .199  | .235  |
| 1355 | 22024 | .217   | .064  | .000  | .488  |
| 1355 | 22025 | .249   | .070  | .034  | .544  |
| 1355 | 22026 | .239   | .070  | .022  | .505  |
| 1355 | 22027 | .349   | .118  | .024  | .882  |
| 1355 | 22028 | .238   | .170  | .017  | .221  |
| 1355 | 22029 | .238   | .064  | .083  | .495  |
| 1355 | 22030 | .214   | .062  | .053  | .469  |
| 1355 | 22031 | .197   | .065  | .010  | .454  |
| 1355 | 22032 | .095   | .073  | .188  | .330  |
| 1355 | 22033 | .299   | .093  | .054  | .744  |
| 1355 | 22034 | .132   | .076  | .075  | .440  |
| 1355 | 22035 | .068   | .083  | .292  | .410  |

| WD   | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|-------|
| 1355 | 22036 | .071   | .074  | .247  | .400  |
| 1355 | 22037 | .038   | .084  | .447  | .232  |
| 1355 | 22038 | .132   | .067  | .070  | .509  |
| 1355 | 22039 | .176   | .083  | .109  | .581  |
| 1355 | 22040 | .082   | .077  | .222  | .450  |
| 1355 | 22041 | .171   | .067  | .005  | .516  |
| 1355 | 22042 | .245   | .105  | .009  | .747  |
| 1355 | 23001 | .491   | .162  | .043  | .090  |
| 1355 | 23002 | .482   | .154  | .145  | .160  |
| 1355 | 23003 | .495   | .125  | .172  | .149  |
| 1355 | 23004 | .470   | .130  | .144  | .135  |
| 1355 | 23005 | .548   | .124  | .228  | .1288 |
| 1355 | 23006 | .486   | .138  | .039  | .1178 |
| 1355 | 23007 | .489   | .134  | .163  | .1120 |
| 1355 | 23008 | .490   | .166  | .067  | .1462 |
| 1355 | 23009 | .476   | .130  | .166  | .1190 |
| 1355 | 23010 | .548   | .190  | .086  | .1383 |
| 1355 | 23011 | .531   | .161  | .007  | .1379 |
| 1355 | 23012 | .483   | .142  | .114  | .1511 |
| 1355 | 23013 | .490   | .143  | .182  | .1341 |
| 1355 | 23014 | .625   | .177  | .086  | .1330 |
| 1355 | 23015 | .641   | .160  | .085  | .1299 |
| 1355 | 23016 | .612   | .149  | .262  | .1626 |
| 1355 | 23017 | .631   | .148  | .267  | .1320 |
| 1355 | 23018 | .575   | .189  | .118  | .1190 |
| 1355 | 23019 | .611   | .223  | .193  | .1427 |
| 1355 | 23020 | .665   | .212  | .025  | .1781 |
| 1355 | 23021 | .723   | .207  | .249  | .1822 |
| 1355 | 23022 | .232   | .092  | .073  | .783  |
| 1355 | 23023 | .180   | .167  | .362  | .918  |
| 1355 | 23024 | .499   | .385  | .157  | .1799 |
| 1355 | 23025 | .696   | .294  | .096  | .113  |
| 1355 | 23026 | .196   | .126  | .241  | .799  |
| 1355 | 23027 | .108   | .102  | .312  | .624  |
| 1355 | 23028 | .096   | .166  | .354  | .762  |
| 1355 | 23029 | .301   | .228  | .310  | .1274 |
| 1355 | 23030 | .236   | .115  | .745  | .059  |
| 1355 | 23031 | .096   | .094  | .496  | .367  |
| 1355 | 23032 | .195   | .085  | .538  | .047  |
| 1355 | 24001 | .254   | .125  | .620  | .109  |
| 1355 | 24002 | .278   | .124  | .665  | .095  |
| 1355 | 24003 | .257   | .120  | .686  | .099  |
| 1355 | 24004 | .276   | .121  | .706  | .076  |
| 1355 | 24005 | .262   | .130  | .625  | .160  |
| 1355 | 24006 | .217   | .125  | .604  | .152  |
| 1355 | 24007 | .358   | .141  | .787  | .078  |
| 1355 | 24008 | .323   | .123  | .769  | .031  |
| 1355 | 24009 | .326   | .130  | .723  | .082  |
| 1355 | 24010 | .559   | .152  | .988  | .127  |
| 1355 | 24011 | .608   | .156  | .131  | .193  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPNEAN | CPRMS | CPHAX | CPMIN | WD   | TAP   | CPNEAN | CPRMS | CPHAX | CPMIN  | WD   | TAP   | CPNEAN | CPRMS | CPHAX | CPMIN |
|------|-------|--------|-------|-------|-------|------|-------|--------|-------|-------|--------|------|-------|--------|-------|-------|-------|
| 1335 | 24112 | .568   | .150  | 1.016 | .184  | 1335 | 25227 | -.235  | .069  | -.048 | -.512  | 1335 | 27110 | .158   | .123  | .728  | -.206 |
| 1335 | 24113 | .369   | .146  | .862  | -.016 | 1335 | 25228 | -.117  | .106  | -.249 | -.568  | 1335 | 27111 | .299   | .096  | .811  | -.049 |
| 1335 | 24114 | .251   | .126  | .672  | -.098 | 1335 | 25229 | -.187  | .058  | -.018 | -.422  | 1335 | 27112 | -.294  | .100  | -.086 | -.787 |
| 1335 | 24115 | .481   | .147  | .966  | .092  | 1335 | 25230 | -.059  | .099  | .346  | -.575  | 1335 | 27113 | -.239  | .080  | -.031 | -.678 |
| 1335 | 24116 | .532   | .152  | 1.043 | .148  | 1335 | 25331 | -.024  | .054  | .254  | -.139  | 1335 | 27114 | -.036  | .056  | -.190 | -.277 |
| 1335 | 24117 | .500   | .147  | 1.033 | .018  | 1335 | 25332 | -.127  | .052  | .081  | -.297  | 1335 | 27115 | .217   | .084  | .718  | -.021 |
| 1335 | 24118 | .327   | .139  | .815  | .138  | 1335 | 26001 | -.472  | .117  | -.138 | -1.223 | 1335 | 27116 | -.229  | .072  | -.063 | -.589 |
| 1335 | 24119 | .188   | .123  | .672  | .197  | 1335 | 26002 | -.473  | .120  | -.171 | -1.094 | 1335 | 27117 | -.218  | .061  | -.061 | -.438 |
| 1335 | 24200 | .398   | .132  | .870  | .061  | 1335 | 26003 | -.444  | .121  | -.134 | -.968  | 1335 | 27118 | -.229  | .061  | -.069 | -.465 |
| 1335 | 24201 | .393   | .139  | .853  | .039  | 1335 | 26004 | -.432  | .121  | -.099 | -.911  | 1335 | 27119 | -.233  | .062  | -.063 | -.497 |
| 1335 | 24202 | .365   | .135  | .813  | .005  | 1335 | 26005 | -.375  | .118  | -.002 | -.871  | 1335 | 27200 | .247   | .075  | .588  | .016  |
| 1335 | 24203 | .204   | .129  | .638  | .195  | 1335 | 26006 | -.354  | .119  | .016  | -1.064 | 1335 | 27201 | -.023  | .066  | .273  | .264  |
| 1335 | 24204 | .186   | .098  | .574  | .092  | 1335 | 26007 | -.409  | .127  | .131  | -1.559 | 1335 | 27202 | -.056  | .059  | .242  | .310  |
| 1335 | 24205 | .232   | .105  | .663  | .005  | 1335 | 26008 | -.382  | .128  | -.032 | -.964  | 1335 | 27203 | .048   | .077  | .413  | .192  |
| 1335 | 24206 | .254   | .107  | .688  | .018  | 1335 | 26009 | -.376  | .111  | -.147 | -.977  | 1335 | 27204 | .173   | .076  | .541  | .110  |
| 1335 | 24207 | .219   | .109  | .670  | .046  | 1335 | 26110 | -.390  | .097  | -.157 | -.850  | 1335 | 27205 | -.183  | .081  | .070  | .675  |
| 1335 | 24208 | .111   | .110  | .617  | .200  | 1335 | 26111 | -.388  | .113  | .041  | -.995  | 1335 | 28001 | -.230  | .075  | .007  | .564  |
| 1335 | 24209 | .173   | .084  | .549  | .066  | 1335 | 26112 | -.391  | .112  | .007  | -.879  | 1335 | 28002 | -.240  | .083  | .045  | .641  |
| 1335 | 24210 | .114   | .086  | .513  | .100  | 1335 | 26113 | -.401  | .143  | .018  | -1.218 | 1335 | 28003 | .243   | .078  | .644  | .009  |
| 1335 | 24301 | .267   | .108  | .745  | .007  | 1335 | 26114 | -.414  | .133  | .161  | -1.298 | 1335 | 28004 | .216   | .072  | .005  | .603  |
| 1335 | 24302 | .307   | .116  | .742  | .022  | 1335 | 26115 | -.406  | .122  | .156  | -1.042 | 1335 | 28005 | .176   | .100  | .050  | .637  |
| 1335 | 24303 | .334   | .126  | .834  | .021  | 1335 | 26116 | -.428  | .122  | .170  | -1.109 | 1335 | 28006 | .137   | .065  | .075  | .455  |
| 1335 | 24304 | .319   | .117  | .731  | .027  | 1335 | 26117 | -.401  | .122  | .079  | -1.052 | 1335 | 28007 | .132   | .074  | .616  | .044  |
| 1335 | 24305 | .284   | .108  | .665  | .009  | 1335 | 26118 | -.434  | .134  | .020  | -1.225 | 1335 | 28008 | .139   | .087  | .058  | .694  |
| 1335 | 25001 | .302   | .170  | .278  | .852  | 1335 | 26119 | -.434  | .147  | .122  | -1.260 | 1335 | 28009 | .131   | .084  | .204  | .564  |
| 1335 | 25002 | .169   | .091  | .141  | .721  | 1335 | 26200 | -.461  | .151  | .143  | -1.344 | 1335 | 28100 | .133   | .056  | .075  | .558  |
| 1335 | 25003 | .501   | .107  | .186  | .076  | 1335 | 26201 | -.440  | .142  | .133  | -1.169 | 1335 | 28101 | .236   | .099  | .898  | .012  |
| 1335 | 25004 | .299   | .137  | .124  | .994  | 1335 | 26202 | -.403  | .125  | .061  | -.969  | 1335 | 28102 | .189   | .072  | .035  | .605  |
| 1335 | 25005 | .010   | .121  | .350  | .474  | 1335 | 26203 | -.484  | .133  | .014  | -1.226 | 1335 | 28103 | .176   | .103  | .059  | .780  |
| 1335 | 25006 | .026   | .080  | .196  | .307  | 1335 | 26204 | -.438  | .134  | .184  | -1.190 | 1335 | 28104 | .140   | .073  | .082  | .439  |
| 1335 | 25007 | .155   | .071  | .052  | .442  | 1335 | 26205 | -.432  | .126  | .194  | -1.110 | 1335 | 28105 | .118   | .058  | .420  | .047  |
| 1335 | 25008 | .065   | .094  | .182  | .483  | 1335 | 26206 | -.428  | .135  | .064  | -1.050 | 1335 | 28106 | .113   | .054  | .082  | .409  |
| 1335 | 25009 | .016   | .082  | .228  | .320  | 1335 | 26207 | -.333  | .128  | .061  | -.829  | 1335 | 28107 | .129   | .050  | .045  | .377  |
| 1335 | 25100 | .270   | .222  | .423  | .873  | 1335 | 26208 | -.331  | .148  | .053  | -1.222 | 1335 | 28108 | .136   | .047  | .073  | .305  |
| 1335 | 25101 | .140   | .068  | .057  | .444  | 1335 | 26209 | -.414  | .156  | .077  | -1.218 | 1335 | 28109 | .225   | .097  | .688  | .005  |
| 1335 | 25102 | .223   | .202  | .377  | .898  | 1335 | 26300 | -.268  | .087  | .005  | -.634  | 1335 | 28200 | .189   | .077  | .014  | .619  |
| 1335 | 25103 | .066   | .093  | .347  | .336  | 1335 | 26301 | -.383  | .110  | .095  | -.950  | 1335 | 28201 | .146   | .072  | .050  | .583  |
| 1335 | 25104 | .141   | .098  | .498  | .205  | 1335 | 26302 | -.312  | .112  | .106  | -.902  | 1335 | 28202 | .126   | .064  | .420  | .061  |
| 1335 | 25105 | .171   | .070  | .111  | .551  | 1335 | 26303 | -.225  | .089  | .077  | -.675  | 1335 | 28203 | .113   | .058  | .092  | .465  |
| 1335 | 25106 | .245   | .214  | .318  | .066  | 1335 | 26304 | -.199  | .076  | .032  | -.539  | 1335 | 28204 | .128   | .056  | .417  | .044  |
| 1335 | 25107 | .038   | .093  | .384  | .343  | 1335 | 26305 | -.173  | .070  | .079  | -.487  | 1335 | 28205 | .131   | .051  | .065  | .355  |
| 1335 | 25108 | .089   | .096  | .398  | .250  | 1335 | 27001 | -.134  | .050  | .324  | -.042  | 1335 | 28206 | .141   | .050  | .036  | .356  |
| 1335 | 25109 | .206   | .076  | .005  | .587  | 1335 | 27002 | -.149  | .050  | .051  | -.390  | 1335 | 28207 | .193   | .080  | .054  | .650  |
| 1335 | 25200 | .270   | .219  | .405  | .008  | 1335 | 27003 | -.160  | .051  | .033  | -.386  | 1335 | 28208 | .197   | .089  | .839  | .047  |
| 1335 | 25201 | .037   | .095  | .280  | .659  | 1335 | 27004 | -.315  | .091  | .084  | -.685  | 1335 | 28209 | .131   | .070  | .091  | .570  |
| 1335 | 25202 | .036   | .090  | .471  | .291  | 1335 | 27005 | -.299  | .093  | .790  | -.068  | 1335 | 28300 | .124   | .061  | .090  | .441  |
| 1335 | 25203 | .229   | .077  | .059  | .548  | 1335 | 27006 | -.314  | .136  | .030  | -1.212 | 1335 | 28301 | .106   | .058  | .052  | .361  |
| 1335 | 25204 | .242   | .186  | .354  | .895  | 1335 | 27007 | -.236  | .084  | .014  | -.615  | 1335 | 28302 | .129   | .058  | .373  | .051  |
| 1335 | 25205 | .076   | .079  | .253  | .460  | 1335 | 27008 | -.149  | .082  | .156  | -.474  | 1335 | 28303 | .136   | .053  | .051  | .439  |
| 1335 | 25206 | .048   | .080  | .234  | .348  | 1335 | 27009 | -.133  | .102  | .523  | -.361  | 1335 | 28304 | .149   | .055  | .043  | .443  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 1500 | 2835 | .203   | .088  | .040  | .657  | 150 | 111  | .088   | .039  | .098  | .490  | 150 | 1207 | .120   | .231  | .834  | .832  |
| 1500 | 2836 | .146   | .063  | .469  | .058  | 150 | 112  | .084   | .069  | .110  | .559  | 150 | 1208 | .127   | .090  | .196  | .570  |
| 1500 | 2837 | .096   | .043  | .033  | .291  | 150 | 201  | .208   | .092  | .126  | .680  | 150 | 1209 | .056   | .195  | .645  | .878  |
| 1500 | 2838 | .146   | .049  | .024  | .393  | 150 | 202  | .301   | .136  | .132  | .927  | 150 | 1210 | .098   | .110  | .551  | .227  |
| 1500 | 2839 | .192   | .081  | .014  | .596  | 150 | 203  | .448   | .187  | .107  | .247  | 150 | 1211 | .013   | .087  | .293  | .263  |
| 1500 | 2840 | .092   | .067  | .430  | .140  | 150 | 204  | .641   | .173  | .118  | .482  | 150 | 1212 | .045   | .078  | .215  | .322  |
| 1500 | 2841 | .115   | .060  | .065  | .374  | 150 | 205  | .584   | .174  | .115  | .549  | 150 | 1213 | .168   | .076  | .080  | .492  |
| 1500 | 2842 | .135   | .060  | .088  | .424  | 150 | 206  | .640   | .246  | .014  | .915  | 150 | 1214 | .033   | .137  | .503  | .730  |
| 1500 | 2843 | .147   | .063  | .035  | .509  | 150 | 207  | .413   | .154  | .037  | .131  | 150 | 1215 | .034   | .092  | .422  | .316  |
| 1500 | 2844 | .082   | .054  | .415  | .103  | 150 | 208  | .320   | .142  | .092  | .033  | 150 | 1216 | .008   | .079  | .362  | .288  |
| 1500 | 2845 | .103   | .051  | .070  | .327  | 150 | 209  | .233   | .112  | .085  | .797  | 150 | 1217 | .072   | .063  | .247  | .300  |
| 1500 | 2846 | .128   | .048  | .090  | .301  | 150 | 210  | .286   | .124  | .095  | .795  | 150 | 1218 | .162   | .076  | .052  | .536  |
| 1500 | 2847 | .184   | .075  | .016  | .582  | 150 | 211  | .431   | .158  | .007  | .275  | 150 | 1219 | .009   | .090  | .314  | .424  |
| 1500 | 2848 | .164   | .069  | .448  | .028  | 150 | 212  | .573   | .186  | .115  | .305  | 150 | 1220 | .004   | .072  | .314  | .320  |
| 1500 | 2849 | .153   | .065  | .021  | .430  | 150 | 1101 | .301   | .254  | .094  | .483  | 150 | 1221 | .036   | .060  | .233  | .381  |
| 1500 | 2850 | .174   | .084  | .059  | .638  | 150 | 1102 | .383   | .236  | .120  | .417  | 150 | 1222 | .061   | .054  | .166  | .320  |
| 1500 | 2851 | .052   | .051  | .184  | .217  | 150 | 1103 | .406   | .244  | .173  | .450  | 150 | 1223 | .142   | .061  | .054  | .569  |
| 1500 | 2852 | .057   | .043  | .119  | .205  | 150 | 1104 | .380   | .230  | .157  | .371  | 150 | 1224 | .003   | .067  | .343  | .320  |
| 1500 | 2853 | .041   | .044  | .087  | .235  | 150 | 1105 | .114   | .270  | .901  | .893  | 150 | 1225 | .010   | .057  | .264  | .235  |
| 1500 | 2854 | .083   | .048  | .064  | .294  | 150 | 1106 | .403   | .239  | .098  | .381  | 150 | 1226 | .009   | .054  | .256  | .229  |
| 1500 | 2855 | .079   | .040  | .061  | .313  | 150 | 1107 | .422   | .237  | .108  | .330  | 150 | 1227 | .002   | .056  | .324  | .215  |
| 1500 | 2856 | .086   | .040  | .083  | .313  | 150 | 1108 | .227   | .216  | .988  | .507  | 150 | 1228 | .075   | .049  | .173  | .271  |
| 1500 | 2857 | .154   | .117  | .644  | .411  | 150 | 1109 | .356   | .211  | .031  | .230  | 150 | 1229 | .002   | .066  | .337  | .262  |
| 1500 | 2858 | .070   | .090  | .310  | .439  | 150 | 1110 | .090   | .165  | .762  | .408  | 150 | 1230 | .011   | .061  | .329  | .264  |
| 1500 | 2859 | .131   | .070  | .280  | .351  | 150 | 1111 | .266   | .173  | .865  | .170  | 150 | 1231 | .016   | .052  | .238  | .163  |
| 1500 | 2860 | .125   | .074  | .316  | .366  | 150 | 1112 | .288   | .172  | .869  | .162  | 150 | 1232 | .017   | .056  | .433  | .130  |
| 1500 | 2861 | .198   | .068  | .021  | .507  | 150 | 1113 | .206   | .171  | .918  | .433  | 150 | 1233 | .045   | .068  | .436  | .128  |
| 1500 | 2862 | .217   | .068  | .023  | .509  | 150 | 1114 | .034   | .108  | .497  | .440  | 150 | 1234 | .043   | .069  | .385  | .133  |
| 1500 | 2863 | .097   | .083  | .294  | .471  | 150 | 1115 | .093   | .120  | .566  | .193  | 150 | 1235 | .023   | .076  | .353  | .281  |
| 1500 | 2864 | .151   | .052  | .014  | .357  | 150 | 1116 | .113   | .124  | .626  | .204  | 150 | 1236 | .010   | .102  | .448  | .528  |
| 1500 | 2865 | .088   | .057  | .134  | .303  | 150 | 1117 | .087   | .125  | .713  | .295  | 150 | 1237 | .082   | .076  | .448  | .202  |
| 1500 | 2866 | .210   | .057  | .067  | .473  | 150 | 1118 | .078   | .070  | .240  | .507  | 150 | 1238 | .101   | .083  | .530  | .159  |
| 1500 | 2867 | .016   | .075  | .297  | .229  | 150 | 1119 | .002   | .077  | .377  | .226  | 150 | 1239 | .179   | .111  | .779  | .067  |
| 1500 | 2868 | .059   | .051  | .124  | .305  | 150 | 1120 | .019   | .081  | .393  | .326  | 150 | 1240 | .012   | .104  | .430  | .577  |
| 1500 | 2869 | .026   | .044  | .110  | .258  | 150 | 1121 | .036   | .101  | .415  | .280  | 150 | 1241 | .040   | .062  | .373  | .153  |
| 1500 | 2870 | .007   | .038  | .174  | .224  | 150 | 1122 | .089   | .055  | .163  | .334  | 150 | 1242 | .147   | .109  | .700  | .092  |
| 1500 | 2871 | .147   | .049  | .016  | .346  | 150 | 1123 | .008   | .062  | .399  | .159  | 150 | 1301 | .323   | .162  | .041  | .736  |
| 1500 | 2872 | .205   | .064  | .038  | .476  | 150 | 1124 | .030   | .060  | .411  | .139  | 150 | 1302 | .301   | .107  | .031  | .856  |
| 1500 | 2873 | .177   | .066  | .002  | .467  | 150 | 1125 | .036   | .074  | .383  | .191  | 150 | 1303 | .252   | .099  | .058  | .746  |
| 1500 | 101  | .234   | .210  | .205  | .482  | 150 | 1126 | .096   | .049  | .078  | .328  | 150 | 1304 | .244   | .093  | .018  | .635  |
| 1500 | 102  | .333   | .237  | .160  | .244  | 150 | 1127 | .043   | .044  | .218  | .289  | 150 | 1305 | .338   | .123  | .013  | .959  |
| 1500 | 103  | .244   | .134  | .145  | .217  | 150 | 1128 | .068   | .085  | .532  | .123  | 150 | 1306 | .337   | .138  | .049  | .1038 |
| 1500 | 104  | .028   | .108  | .320  | .385  | 150 | 1129 | .066   | .083  | .481  | .176  | 150 | 1307 | .265   | .102  | .058  | .850  |
| 1500 | 105  | .049   | .061  | .119  | .408  | 150 | 1130 | .082   | .048  | .183  | .309  | 150 | 1308 | .334   | .139  | .069  | .1084 |
| 1500 | 106  | .046   | .068  | .196  | .383  | 150 | 1201 | .114   | .159  | .633  | .528  | 150 | 1309 | .230   | .091  | .045  | .665  |
| 1500 | 107  | .106   | .090  | .205  | .547  | 150 | 1202 | .106   | .125  | .532  | .310  | 150 | 1310 | .312   | .131  | .031  | .896  |
| 1500 | 108  | .134   | .109  | .289  | .655  | 150 | 1203 | .076   | .115  | .410  | .364  | 150 | 1311 | .325   | .135  | .016  | .901  |
| 1500 | 109  | .165   | .184  | .270  | .150  | 150 | 1204 | .052   | .111  | .415  | .362  | 150 | 1312 | .331   | .136  | .056  | .1086 |
| 1500 | 110  | .239   | .111  | .124  | .755  | 150 | 1205 | .017   | .102  | .381  | .360  | 150 | 1313 | .281   | .133  | .069  | .916  |
|      |      |        |       |       |       | 150 | 1206 | .074   | .086  | .200  | .520  | 150 | 1314 | .299   | .143  | .020  | .252  |

## APPENDIX A -- PRESSURE DATA

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 150 | 1315 | -.304  | .143  | -.024 | -1.520 | 150 | 1433 | -.060  | .032  | .048  | -.175  | 150 | 1616 | -.268  | .165  | .257  | -1.117 |
| 150 | 1316 | -.295  | .137  | -.125 | -1.118 | 150 | 1434 | -.083  | .035  | .071  | -.223  | 150 | 1617 | -.373  | .224  | .200  | -1.297 |
| 150 | 1317 | -.241  | .141  | -.141 | -1.132 | 150 | 1435 | -.111  | .035  | .002  | -.253  | 150 | 1618 | -.429  | .223  | .179  | -1.448 |
| 150 | 1318 | -.249  | .124  | .020  | -.974  | 150 | 1501 | -.296  | .111  | .013  | -.787  | 150 | 1619 | -.185  | .081  | .051  | -.646  |
| 150 | 1319 | -.243  | .118  | .058  | -.883  | 150 | 1502 | -.266  | .116  | .048  | -1.129 | 150 | 1620 | -.174  | .098  | .072  | -.722  |
| 150 | 1320 | -.215  | .106  | .069  | -.791  | 150 | 1503 | -.257  | .084  | .018  | -.646  | 150 | 1621 | -.225  | .147  | .055  | -1.065 |
| 150 | 1321 | -.151  | .096  | .242  | -.851  | 150 | 1504 | -.406  | .138  | .016  | -.987  | 150 | 1622 | -.265  | .150  | .129  | -.976  |
| 150 | 1322 | -.235  | .120  | .065  | -1.054 | 150 | 1505 | -.369  | .127  | .063  | -.916  | 150 | 1623 | -.300  | .161  | .065  | -1.344 |
| 150 | 1323 | -.134  | .061  | .067  | -.435  | 150 | 1506 | -.360  | .136  | .060  | -1.042 | 150 | 1624 | -.133  | .055  | .047  | -.492  |
| 150 | 1324 | -.123  | .049  | .036  | -.351  | 150 | 1507 | -.385  | .162  | .051  | -1.151 | 150 | 1625 | -.126  | .063  | .077  | -.513  |
| 150 | 1325 | -.076  | .051  | .113  | -.372  | 150 | 1508 | -.286  | .107  | .066  | -.829  | 150 | 1626 | -.139  | .081  | .111  | -.768  |
| 150 | 1326 | -.135  | .071  | .163  | -.510  | 150 | 1509 | -.361  | .137  | .035  | -1.022 | 150 | 1627 | -.187  | .117  | .035  | -1.112 |
| 150 | 1327 | -.108  | .056  | .178  | -.355  | 150 | 1510 | -.300  | .119  | .054  | -.861  | 150 | 1628 | -.196  | .117  | .014  | -1.339 |
| 150 | 1328 | -.123  | .049  | .049  | -.353  | 150 | 1511 | -.359  | .158  | .016  | -1.304 | 150 | 1629 | -.085  | .048  | .177  | -.430  |
| 150 | 1329 | -.088  | .051  | .106  | -.409  | 150 | 1512 | -.322  | .135  | .041  | -1.008 | 150 | 1630 | -.167  | .131  | .081  | -1.222 |
| 150 | 1330 | -.111  | .042  | .051  | -.334  | 150 | 1513 | -.327  | .128  | .041  | -.969  | 150 | 1631 | -.043  | .047  | .259  | -.208  |
| 150 | 1331 | -.131  | .046  | .044  | -.457  | 150 | 1514 | -.328  | .122  | .014  | -.952  | 150 | 1632 | -.080  | .049  | .093  | -.292  |
| 150 | 1332 | -.100  | .032  | .038  | -.221  | 150 | 1515 | -.363  | .129  | .014  | -1.033 | 150 | 1633 | -.081  | .059  | .141  | -.332  |
| 150 | 1401 | -.172  | .079  | .069  | -.732  | 150 | 1516 | -.234  | .093  | .023  | -.872  | 150 | 1634 | -.085  | .054  | .107  | -.349  |
| 150 | 1402 | -.179  | .069  | .045  | -.688  | 150 | 1517 | -.228  | .096  | .043  | -.890  | 150 | 1635 | -.094  | .062  | .139  | -.405  |
| 150 | 1403 | -.190  | .065  | .024  | -.486  | 150 | 1518 | -.272  | .105  | .042  | -.810  | 150 | 1701 | -.057  | .065  | .146  | -.335  |
| 150 | 1404 | -.210  | .072  | .013  | -.599  | 150 | 1519 | -.323  | .123  | .069  | -.886  | 150 | 1702 | -.049  | .053  | .205  | -.264  |
| 150 | 1405 | -.188  | .073  | .011  | -.561  | 150 | 1520 | -.188  | .064  | .016  | -.666  | 150 | 1703 | -.075  | .046  | .099  | -.226  |
| 150 | 1406 | -.230  | .091  | .045  | -.633  | 150 | 1521 | -.178  | .070  | .029  | -.503  | 150 | 1704 | -.007  | .073  | .404  | -.202  |
| 150 | 1407 | -.216  | .077  | .020  | -.586  | 150 | 1522 | -.207  | .082  | .016  | -.629  | 150 | 1705 | -.008  | .070  | .277  | -.511  |
| 150 | 1408 | -.228  | .085  | .054  | -.648  | 150 | 1523 | -.259  | .106  | .006  | -.945  | 150 | 1706 | -.027  | .059  | .308  | -.256  |
| 150 | 1409 | -.227  | .093  | .064  | -.706  | 150 | 1524 | -.138  | .045  | .014  | -.564  | 150 | 1707 | -.017  | .060  | .266  | -.355  |
| 150 | 1410 | -.238  | .072  | .022  | -.608  | 150 | 1525 | -.119  | .047  | .018  | -.576  | 150 | 1708 | -.007  | .070  | .331  | -.241  |
| 150 | 1411 | -.266  | .082  | .031  | -.670  | 150 | 1526 | -.120  | .046  | .008  | -.556  | 150 | 1709 | -.153  | .079  | .066  | -.485  |
| 150 | 1412 | -.286  | .102  | .004  | -.992  | 150 | 1527 | -.144  | .058  | .002  | -.703  | 150 | 1710 | -.166  | .071  | .125  | -.514  |
| 150 | 1413 | -.263  | .114  | .037  | -1.009 | 150 | 1528 | -.095  | .040  | .080  | -.311  | 150 | 1711 | -.042  | .086  | .231  | -.486  |
| 150 | 1414 | -.202  | .103  | .100  | -.916  | 150 | 1529 | -.105  | .060  | .157  | -.352  | 150 | 1712 | -.008  | .069  | .359  | -.277  |
| 150 | 1415 | -.190  | .067  | .002  | -.666  | 150 | 1530 | -.033  | .041  | .121  | -.206  | 150 | 1713 | -.001  | .080  | .638  | -.393  |
| 150 | 1416 | -.206  | .062  | .040  | -.536  | 150 | 1531 | -.044  | .040  | .156  | -.319  | 150 | 1714 | -.089  | .095  | .168  | -.599  |
| 150 | 1417 | -.187  | .072  | .015  | -.641  | 150 | 1532 | -.112  | .065  | .125  | -.561  | 150 | 1715 | -.082  | .125  | .621  | -.413  |
| 150 | 1418 | -.213  | .082  | .016  | -.664  | 150 | 1601 | -.264  | .135  | .165  | -.788  | 150 | 1716 | -.115  | .094  | .750  | -.118  |
| 150 | 1419 | -.133  | .062  | .067  | -.530  | 150 | 1602 | -.219  | .157  | .276  | -.802  | 150 | 1717 | -.144  | .120  | .856  | -.082  |
| 150 | 1420 | -.130  | .041  | .031  | -.326  | 150 | 1603 | -.241  | .197  | .330  | -1.067 | 150 | 1718 | -.126  | .116  | .778  | -.129  |
| 150 | 1421 | -.130  | .049  | .011  | -.359  | 150 | 1604 | -.308  | .266  | .409  | -1.425 | 150 | 1719 | -.109  | .106  | .720  | -.132  |
| 150 | 1422 | -.161  | .057  | .002  | -.575  | 150 | 1605 | -.355  | .333  | .389  | -2.175 | 150 | 1720 | -.007  | .062  | .244  | -.400  |
| 150 | 1423 | -.177  | .059  | .009  | -.506  | 150 | 1606 | -.284  | .215  | .938  | -.489  | 150 | 1721 | -.069  | .080  | .262  | -.490  |
| 150 | 1424 | -.088  | .037  | .072  | -.239  | 150 | 1607 | -.245  | .100  | .037  | -.688  | 150 | 1722 | -.103  | .082  | .243  | -.578  |
| 150 | 1425 | -.057  | .034  | .058  | -.184  | 150 | 1608 | -.284  | .393  | .383  | -2.581 | 150 | 1723 | -.229  | .122  | .121  | -.890  |
| 150 | 1426 | -.089  | .034  | .020  | -.216  | 150 | 1609 | -.258  | .095  | .041  | -.743  | 150 | 1724 | -.274  | .132  | .805  | -.044  |
| 150 | 1427 | -.126  | .043  | .033  | -.391  | 150 | 1610 | -.224  | .140  | .147  | -.927  | 150 | 1725 | -.205  | .143  | .232  | -.771  |
| 150 | 1428 | -.158  | .054  | .000  | -.534  | 150 | 1611 | -.393  | .258  | .289  | -1.434 | 150 | 1801 | -.093  | .078  | .335  | -.561  |
| 150 | 1429 | -.075  | .032  | .052  | -.236  | 150 | 1612 | -.498  | .264  | .325  | -1.440 | 150 | 1802 | -.104  | .077  | .191  | -.616  |
| 150 | 1430 | -.127  | .049  | .031  | -.403  | 150 | 1613 | -.322  | .225  | .365  | -1.316 | 150 | 1803 | -.090  | .083  | .540  | -.215  |
| 150 | 1431 | -.089  | .032  | .036  | -.224  | 150 | 1614 | -.244  | .096  | .022  | -.812  | 150 | 1804 | -.039  | .065  | .477  | -.399  |
| 150 | 1432 | -.093  | .032  | .034  | -.210  | 150 | 1615 | -.232  | .132  | .151  | -.996  | 150 | 1805 | -.095  | .093  | .217  | -.681  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|
| 1500 | 1806 | -.018  | .083  | .315  | -.244 | 1500 | 1853 | .129   | .060  | .402  | -.047  | 1500 | 2202 | -.279  | .132  | .058  | -1.079 |
| 1500 | 1807 | -.044  | .091  | .229  | -.415 | 1500 | 1856 | .127   | .065  | .381  | -.078  | 1500 | 2203 | -.309  | .140  | .060  | -1.009 |
| 1500 | 1808 | -.084  | .098  | .486  | -.211 | 1500 | 1857 | -.109  | .048  | .043  | -.307  | 1500 | 2204 | -.353  | .159  | .088  | -1.029 |
| 1500 | 1809 | -.168  | .112  | .795  | -.161 | 1500 | 1858 | -.042  | .040  | .108  | -.214  | 1500 | 2205 | -.429  | .180  | .030  | -1.259 |
| 1500 | 1810 | -.032  | .113  | .357  | -.451 | 1500 | 1859 | .000   | .000  | .000  | -.000  | 1500 | 2206 | -.481  | .195  | -.030 | -1.293 |
| 1500 | 1811 | -.056  | .043  | .230  | -.219 | 1500 | 1860 | -.118  | .097  | .153  | -.738  | 1500 | 2207 | -.266  | .113  | -.011 | -.837  |
| 1500 | 1812 | -.043  | .045  | .138  | -.292 | 1500 | 1861 | -.158  | .088  | .047  | -.867  | 1500 | 2208 | -.485  | .205  | -.077 | -1.379 |
| 1500 | 1813 | -.123  | .078  | .129  | -.486 | 1500 | 1862 | -.183  | .109  | .167  | -.851  | 1500 | 2209 | -.264  | .096  | -.014 | -.741  |
| 1500 | 1814 | -.060  | .063  | .285  | -.242 | 1500 | 1863 | -.131  | .048  | .026  | -.347  | 1500 | 2210 | -.267  | .102  | .000  | -.825  |
| 1500 | 1815 | .015   | .075  | .208  | -.379 | 1500 | 1864 | -.079  | .038  | .040  | -.249  | 1500 | 2211 | -.352  | .142  | .117  | -1.025 |
| 1500 | 1816 | .070   | .088  | .499  | -.192 | 1500 | 1865 | -.007  | .051  | .153  | -.229  | 1500 | 2212 | -.402  | .166  | .100  | -1.173 |
| 1500 | 1817 | .165   | .105  | .636  | -.099 | 1500 | 1866 | -.103  | .052  | .038  | -.376  | 1500 | 2213 | -.483  | .192  | .074  | -1.365 |
| 1500 | 1818 | .108   | .096  | .491  | -.215 | 1500 | 1867 | -.074  | .047  | .151  | -.288  | 1500 | 2214 | -.248  | .080  | -.021 | -.678  |
| 1500 | 1819 | .026   | .049  | .173  | -.427 | 1500 | 1868 | -.088  | .041  | .162  | -.139  | 1500 | 2215 | -.268  | .090  | -.005 | -.706  |
| 1500 | 1820 | -.022  | .047  | .277  | -.152 | 1500 | 1869 | -.082  | .058  | .345  | -.087  | 1500 | 2216 | -.313  | .116  | -.016 | -.862  |
| 1500 | 1821 | -.084  | .070  | .215  | -.518 | 1500 | 1870 | -.029  | .043  | .214  | -.099  | 1500 | 2217 | -.439  | .169  | -.019 | -1.198 |
| 1500 | 1822 | .031   | .057  | .208  | -.329 | 1500 | 1871 | -.011  | .040  | .154  | -.137  | 1500 | 2218 | -.500  | .186  | -.021 | -1.305 |
| 1500 | 1823 | .022   | .073  | .451  | -.153 | 1500 | 1872 | -.032  | .056  | .207  | -.280  | 1500 | 2219 | -.197  | .062  | -.014 | -.529  |
| 1500 | 1824 | .088   | .089  | .119  | -.507 | 1500 | 1873 | -.045  | .079  | .208  | -.505  | 1500 | 2220 | -.206  | .068  | -.030 | -.494  |
| 1500 | 1825 | .190   | .113  | .830  | -.104 | 1500 | 2101 | -.242  | .084  | .015  | -.631  | 1500 | 2221 | -.324  | .122  | -.016 | -.813  |
| 1500 | 1826 | .120   | .119  | .632  | -.299 | 1500 | 2102 | -.229  | .084  | -.015 | -.571  | 1500 | 2222 | -.416  | .166  | -.012 | -1.114 |
| 1500 | 1827 | .060   | .041  | .117  | -.193 | 1500 | 2103 | -.271  | .124  | .006  | -.079  | 1500 | 2223 | -.501  | .181  | -.023 | -1.275 |
| 1500 | 1828 | .034   | .041  | .192  | -.213 | 1500 | 2104 | -.255  | .110  | -.013 | -.742  | 1500 | 2224 | -.184  | .052  | -.002 | -.461  |
| 1500 | 1829 | .075   | .050  | .165  | -.315 | 1500 | 2105 | -.244  | .082  | -.018 | -.772  | 1500 | 2225 | -.205  | .055  | -.026 | -.418  |
| 1500 | 1830 | .065   | .043  | .198  | -.191 | 1500 | 2106 | -.216  | .068  | -.051 | -.496  | 1500 | 2226 | -.195  | .058  | .000  | -.459  |
| 1500 | 1831 | .008   | .056  | .302  | -.159 | 1500 | 2107 | -.253  | .089  | -.051 | -.908  | 1500 | 2227 | -.215  | .089  | -.062 | -.637  |
| 1500 | 1832 | .054   | .069  | .131  | -.436 | 1500 | 2108 | -.219  | .062  | -.055 | -.597  | 1500 | 2228 | -.363  | .161  | -.093 | -1.182 |
| 1500 | 1833 | .137   | .087  | .649  | -.080 | 1500 | 2109 | -.255  | .096  | -.028 | -.731  | 1500 | 2229 | -.209  | .045  | -.065 | -.430  |
| 1500 | 1834 | .086   | .110  | .530  | -.447 | 1500 | 2110 | -.227  | .062  | -.056 | -.473  | 1500 | 2230 | -.197  | .052  | -.009 | -.420  |
| 1500 | 1835 | .049   | .039  | .202  | -.193 | 1500 | 2111 | -.233  | .063  | -.053 | -.492  | 1500 | 2231 | -.190  | .059  | -.011 | -.395  |
| 1500 | 1836 | .068   | .048  | .246  | -.144 | 1500 | 2112 | -.225  | .069  | -.048 | -.632  | 1500 | 2232 | -.143  | .062  | -.095 | -.350  |
| 1500 | 1837 | .061   | .057  | .324  | -.115 | 1500 | 2113 | -.248  | .078  | -.025 | -.814  | 1500 | 2233 | -.193  | .063  | -.023 | -.467  |
| 1500 | 1838 | .094   | .100  | .585  | -.378 | 1500 | 2114 | -.223  | .055  | -.028 | -.554  | 1500 | 2234 | -.103  | .068  | -.131 | -.452  |
| 1500 | 1839 | .049   | .036  | .138  | -.162 | 1500 | 2115 | -.227  | .051  | -.056 | -.474  | 1500 | 2235 | -.121  | .072  | -.165 | -.343  |
| 1500 | 1840 | .064   | .042  | .200  | -.106 | 1500 | 2116 | -.219  | .057  | -.032 | -.752  | 1500 | 2236 | -.121  | .067  | -.147 | -.356  |
| 1500 | 1841 | .020   | .064  | .315  | -.175 | 1500 | 2117 | -.240  | .070  | -.034 | -.795  | 1500 | 2237 | -.039  | .067  | -.235 | -.289  |
| 1500 | 1842 | .147   | .084  | .604  | -.075 | 1500 | 2118 | -.206  | .061  | -.005 | -.554  | 1500 | 2238 | -.104  | .058  | -.126 | -.316  |
| 1500 | 1843 | .033   | .041  | .225  | -.151 | 1500 | 2119 | -.202  | .049  | -.051 | -.478  | 1500 | 2239 | -.134  | .062  | -.094 | -.358  |
| 1500 | 1844 | .043   | .041  | .206  | -.190 | 1500 | 2120 | -.190  | .050  | -.051 | -.450  | 1500 | 2240 | -.125  | .068  | -.153 | -.343  |
| 1500 | 1845 | .032   | .055  | .313  | -.129 | 1500 | 2121 | -.209  | .060  | -.043 | -.529  | 1500 | 2241 | -.153  | .063  | -.088 | -.394  |
| 1500 | 1846 | .131   | .080  | .499  | -.054 | 1500 | 2122 | -.172  | .076  | -.047 | -.531  | 1500 | 2242 | -.152  | .061  | -.048 | -.550  |
| 1500 | 1847 | .047   | .052  | .264  | -.261 | 1500 | 2123 | -.152  | .060  | -.066 | -.426  | 1500 | 2301 | -.414  | .204  | -.066 | -1.432 |
| 1500 | 1848 | .042   | .048  | .236  | -.148 | 1500 | 2124 | -.153  | .057  | -.051 | -.449  | 1500 | 2302 | -.376  | .257  | -.239 | -1.492 |
| 1500 | 1849 | .031   | .039  | .156  | -.165 | 1500 | 2125 | -.194  | .056  | -.013 | -.460  | 1500 | 2303 | -.647  | .262  | -.062 | -1.585 |
| 1500 | 1850 | .045   | .040  | .131  | -.161 | 1500 | 2126 | -.158  | .085  | .097  | -.642  | 1500 | 2304 | -.721  | .321  | -.152 | -2.143 |
| 1500 | 1851 | .021   | .030  | .161  | -.116 | 1500 | 2127 | -.156  | .057  | .028  | -.492  | 1500 | 2305 | -.548  | .253  | -.197 | -1.473 |
| 1500 | 1852 | .021   | .030  | .161  | -.116 | 1500 | 2128 | -.169  | .053  | .078  | -.403  | 1500 | 2306 | -.390  | .259  | -.224 | -1.398 |
| 1500 | 1853 | .013   | .030  | .162  | -.099 | 1500 | 2129 | -.195  | .051  | .041  | -.448  | 1500 | 2307 | -.688  | .321  | -.174 | -2.343 |
| 1500 | 1854 | .020   | .042  | .255  | -.080 | 1500 | 2130 | -.163  | .101  | -.114 | -.663  | 1500 | 2308 | -.408  | .207  | -.053 | -1.188 |
| 1500 | 1854 | .053   | .049  | .329  | -.061 | 1500 | 2201 | -.274  | .113  | -.007 | -1.001 | 1500 | 2309 | -.741  | .295  | -.259 | -2.007 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-------|--------|-------|-------|--------|-----|-------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 150 | 24230 | .480   | .266  | .102  | -.1483 | 150 | 24238 | .036   | .114  | .512  | -.316  | 150 | 2611 | -.259  | .079  | .038  | -.791 |
| 150 | 24231 | .533   | .314  | .323  | -.1454 | 150 | 24239 | .081   | .084  | .457  | -.418  | 150 | 2612 | -.271  | .079  | .026  | -.838 |
| 150 | 24232 | .594   | .296  | .314  | -.1743 | 150 | 24240 | .030   | .085  | .392  | -.243  | 150 | 2613 | -.271  | .094  | -.032 | -.117 |
| 150 | 24233 | .658   | .260  | .287  | -.1945 | 150 | 24241 | .176   | .103  | .637  | -.118  | 150 | 2614 | -.267  | .085  | -.068 | -.053 |
| 150 | 24234 | .478   | .262  | .092  | -.1624 | 150 | 24242 | .222   | .121  | .845  | -.114  | 150 | 2615 | -.260  | .088  | -.074 | -.953 |
| 150 | 24235 | .339   | .319  | .200  | -.1702 | 150 | 24243 | .247   | .141  | .828  | -.144  | 150 | 2616 | -.279  | .093  | -.069 | -.882 |
| 150 | 24236 | .623   | .299  | .213  | -.1833 | 150 | 24244 | .236   | .131  | .693  | -.130  | 150 | 2617 | -.264  | .091  | -.028 | -.882 |
| 150 | 24237 | .703   | .277  | .412  | -.1810 | 150 | 24245 | .210   | .121  | .681  | -.136  | 150 | 2618 | -.287  | .109  | -.006 | -.923 |
| 150 | 24238 | .392   | .215  | .068  | -.1590 | 150 | 25001 | .434   | .211  | .145  | -.1245 | 150 | 2619 | -.255  | .103  | -.017 | -.138 |
| 150 | 24239 | .409   | .323  | .246  | -.1697 | 150 | 25002 | -.284  | .107  | .075  | -.748  | 150 | 2620 | -.280  | .112  | -.026 | -.182 |
| 150 | 24240 | .544   | .344  | .219  | -.1888 | 150 | 25003 | -.488  | .158  | .057  | -.191  | 150 | 2621 | -.280  | .125  | .131  | -.920 |
| 150 | 24241 | .683   | .308  | .272  | -.1945 | 150 | 25004 | -.355  | .156  | .093  | -.124  | 150 | 2622 | -.281  | .107  | .041  | -.857 |
| 150 | 24242 | .178   | .091  | .132  | -.1616 | 150 | 25005 | -.111  | .139  | .237  | -.906  | 150 | 2623 | -.286  | .133  | -.098 | -.051 |
| 150 | 24243 | .097   | .155  | .482  | -.1480 | 150 | 25006 | -.070  | .078  | .209  | -.443  | 150 | 2624 | -.282  | .107  | -.015 | -.847 |
| 150 | 24244 | .560   | .342  | .348  | -.2164 | 150 | 25007 | -.156  | .066  | .055  | -.491  | 150 | 2625 | -.282  | .108  | -.049 | -.906 |
| 150 | 24245 | .535   | .386  | .356  | -.2406 | 150 | 25008 | -.205  | .114  | .134  | -.815  | 150 | 2626 | -.315  | .118  | -.023 | -.196 |
| 150 | 24246 | .117   | .121  | .190  | -.693  | 150 | 25009 | -.038  | .079  | .203  | -.423  | 150 | 2627 | -.276  | .121  | .123  | -.029 |
| 150 | 24247 | .047   | .102  | .304  | -.722  | 150 | 25100 | .420   | .261  | .422  | -.1322 | 150 | 2628 | -.306  | .150  | .162  | -.098 |
| 150 | 24248 | .020   | .180  | .449  | -.984  | 150 | 25101 | .140   | .061  | .074  | -.472  | 150 | 2629 | -.291  | .128  | -.019 | -.954 |
| 150 | 24249 | .218   | .264  | .298  | -.1475 | 150 | 25102 | .343   | .231  | .337  | -.1498 | 150 | 2630 | -.195  | .088  | .049  | -.586 |
| 150 | 24250 | .186   | .130  | .818  | -.1455 | 150 | 25103 | .028   | .101  | .258  | -.654  | 150 | 2631 | -.259  | .112  | .023  | -.855 |
| 150 | 24251 | .062   | .112  | .504  | -.603  | 150 | 25104 | -.056  | .108  | .403  | -.422  | 150 | 2632 | -.200  | .111  | .192  | -.806 |
| 150 | 24252 | .136   | .081  | .510  | -.076  | 150 | 25105 | .154   | .057  | .023  | -.464  | 150 | 2633 | -.184  | .088  | .059  | -.705 |
| 150 | 24253 | .163   | .211  | .836  | -.637  | 150 | 25106 | -.365  | .211  | .272  | -.1068 | 150 | 2634 | -.158  | .084  | .126  | -.556 |
| 150 | 24254 | .173   | .202  | .850  | -.499  | 150 | 25107 | -.037  | .098  | .226  | -.618  | 150 | 2635 | -.109  | .076  | .174  | -.664 |
| 150 | 24255 | .156   | .188  | .711  | -.631  | 150 | 25108 | -.039  | .095  | .324  | -.463  | 150 | 2701 | -.091  | .050  | .312  | -.079 |
| 150 | 24256 | .179   | .182  | .750  | -.721  | 150 | 25109 | -.155  | .057  | .030  | -.442  | 150 | 2702 | -.127  | .044  | .038  | -.304 |
| 150 | 24257 | .174   | .180  | .690  | -.549  | 150 | 25200 | -.379  | .204  | .205  | -.1070 | 150 | 2703 | -.106  | .052  | .108  | -.328 |
| 150 | 24258 | .104   | .155  | .714  | -.503  | 150 | 25201 | -.085  | .088  | .165  | -.520  | 150 | 2704 | -.230  | .065  | .056  | -.646 |
| 150 | 24259 | .238   | .210  | .900  | -.444  | 150 | 25202 | -.001  | .092  | .315  | -.458  | 150 | 2705 | -.227  | .075  | .610  | -.037 |
| 150 | 24260 | .207   | .144  | .649  | -.343  | 150 | 25203 | -.171  | .068  | .055  | -.453  | 150 | 2706 | -.270  | .124  | .035  | -.875 |
| 150 | 24261 | .211   | .167  | .860  | -.380  | 150 | 25204 | .332   | .196  | .190  | -.160  | 150 | 2707 | -.182  | .070  | .024  | -.661 |
| 150 | 24262 | .423   | .207  | .076  | -.337  | 150 | 25205 | .111   | .086  | .199  | -.578  | 150 | 2708 | -.142  | .063  | .043  | -.605 |
| 150 | 24263 | .460   | .212  | .053  | -.226  | 150 | 25206 | -.055  | .080  | .245  | -.365  | 150 | 2709 | -.015  | .084  | .347  | -.272 |
| 150 | 24264 | .419   | .197  | .978  | -.238  | 150 | 25207 | -.180  | .065  | .023  | -.502  | 150 | 2710 | -.033  | .101  | .540  | -.358 |
| 150 | 24265 | .217   | .166  | .806  | -.356  | 150 | 25208 | .143   | .115  | .253  | -.614  | 150 | 2711 | -.231  | .063  | .557  | -.061 |
| 150 | 24266 | .207   | .138  | .746  | -.349  | 150 | 25209 | .141   | .065  | .049  | -.402  | 150 | 2712 | -.205  | .070  | .011  | -.565 |
| 150 | 24267 | .409   | .163  | .950  | -.058  | 150 | 25210 | -.088  | .117  | .367  | -.605  | 150 | 2713 | -.191  | .066  | .011  | -.547 |
| 150 | 24268 | .452   | .169  | .003  | -.019  | 150 | 25301 | -.008  | .057  | .269  | -.235  | 150 | 2714 | -.063  | .053  | .102  | -.345 |
| 150 | 24269 | .388   | .172  | .976  | .169   | 150 | 25302 | -.092  | .068  | .149  | -.393  | 150 | 2715 | -.213  | .081  | .614  | -.162 |
| 150 | 24270 | .203   | .149  | .735  | .313   | 150 | 26001 | -.332  | .107  | .015  | -.973  | 150 | 2716 | -.196  | .058  | -.009 | -.585 |
| 150 | 24271 | .195   | .140  | .750  | .246   | 150 | 26002 | -.326  | .100  | .038  | -.765  | 150 | 2717 | -.163  | .056  | .038  | -.492 |
| 150 | 24272 | .353   | .161  | .883  | -.070  | 150 | 26003 | -.299  | .100  | .026  | -.919  | 150 | 2718 | -.183  | .052  | .040  | -.459 |
| 150 | 24273 | .353   | .163  | .931  | -.066  | 150 | 26004 | -.299  | .103  | .073  | -.994  | 150 | 2719 | -.191  | .049  | .062  | -.405 |
| 150 | 24274 | .311   | .154  | .788  | -.087  | 150 | 26005 | -.269  | .099  | .102  | -.874  | 150 | 2720 | -.143  | .069  | .413  | -.219 |
| 150 | 24275 | .116   | .133  | .765  | -.323  | 150 | 26006 | -.272  | .101  | .023  | -.752  | 150 | 2721 | -.034  | .069  | .618  | -.244 |
| 150 | 24276 | .145   | .128  | .681  | -.584  | 150 | 26007 | -.264  | .078  | .051  | -.689  | 150 | 2722 | -.058  | .068  | .724  | -.256 |
| 150 | 24277 | .186   | .134  | .886  | -.154  | 150 | 26008 | -.274  | .094  | .013  | -.739  | 150 | 2723 | -.013  | .064  | .256  | -.236 |
| 150 | 24278 | .199   | .134  | .793  | -.202  | 150 | 26009 | -.247  | .070  | -.070 | -.732  | 150 | 2724 | -.139  | .072  | .393  | -.274 |
| 150 | 24279 | .151   | .130  | .689  | -.269  | 150 | 26110 | -.271  | .077  | .038  | -.870  | 150 | 2725 | -.166  | .066  | .137  | -.406 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPNEAN | CPNRS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPNRS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPNRS | CPMAX | CPMIN  |
|-----|-------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 150 | 28001 | -.155  | .058  | .018  | -.452 | 150 | 2851 | -.083  | .046  | .081  | -.220  | 165 | 1103 | -.020  | .182  | .786  | -.533  |
| 150 | 28002 | -.168  | .064  | .011  | -.537 | 150 | 2851 | -.083  | .046  | .081  | -.220  | 165 | 1104 | -.061  | .174  | .718  | -.604  |
| 150 | 28003 | -.168  | .052  | .448  | .018  | 150 | 2852 | -.070  | .040  | .080  | -.192  | 165 | 1105 | -.047  | .212  | .783  | -.785  |
| 150 | 28004 | -.172  | .057  | .002  | -.421 | 150 | 2853 | -.039  | .030  | .088  | -.147  | 165 | 1106 | -.031  | .192  | .737  | -.948  |
| 150 | 28005 | -.255  | .108  | .036  | -.666 | 150 | 2854 | -.062  | .030  | .057  | -.165  | 165 | 1107 | -.044  | .169  | .740  | -.455  |
| 150 | 28006 | -.191  | .070  | .029  | -.514 | 150 | 2855 | -.056  | .031  | .091  | -.145  | 165 | 1108 | -.064  | .228  | .734  | -1.133 |
| 150 | 28007 | -.153  | .059  | .476  | .026  | 150 | 2856 | -.075  | .030  | .048  | -.167  | 165 | 1109 | -.086  | .157  | .789  | -.632  |
| 150 | 28008 | -.159  | .068  | .033  | -.470 | 150 | 2857 | -.034  | .102  | .389  | -.457  | 165 | 1110 | -.148  | .207  | .480  | -1.393 |
| 150 | 28009 | -.150  | .078  | .119  | -.547 | 150 | 2858 | -.018  | .079  | .337  | -.374  | 165 | 1111 | -.087  | .141  | .445  | -1.043 |
| 150 | 2810  | -.132  | .049  | .051  | -.436 | 150 | 2859 | -.035  | .079  | .319  | -.317  | 165 | 1112 | -.058  | .115  | .443  | -.581  |
| 150 | 2811  | -.152  | .079  | .362  | -.068 | 150 | 2860 | -.019  | .088  | .345  | -.348  | 165 | 1113 | -.129  | .117  | .474  | -.601  |
| 150 | 2812  | -.164  | .056  | .062  | -.388 | 150 | 2861 | -.129  | .066  | .156  | -.405  | 165 | 1114 | -.218  | .167  | .184  | -1.057 |
| 150 | 28113 | -.274  | .104  | .018  | -.616 | 150 | 2862 | -.176  | .055  | .005  | -.456  | 165 | 1115 | -.154  | .113  | .206  | -.890  |
| 150 | 28114 | -.198  | .066  | .031  | -.419 | 150 | 2863 | -.149  | .088  | .120  | -.541  | 165 | 1116 | -.116  | .085  | .167  | -.575  |
| 150 | 28115 | -.144  | .049  | .314  | .040  | 150 | 2864 | -.092  | .053  | .064  | -.412  | 165 | 1117 | -.162  | .073  | .244  | -.425  |
| 150 | 28116 | -.117  | .049  | .064  | -.308 | 150 | 2865 | -.030  | .063  | .176  | -.375  | 165 | 1118 | -.242  | .115  | .113  | -1.157 |
| 150 | 28117 | -.118  | .043  | .099  | -.286 | 150 | 2866 | -.140  | .050  | .055  | -.355  | 165 | 1119 | -.198  | .088  | .098  | -.744  |
| 150 | 28118 | -.132  | .037  | .000  | -.254 | 150 | 2867 | -.037  | .063  | .258  | -.369  | 165 | 1120 | -.158  | .072  | .115  | -.515  |
| 150 | 28119 | -.139  | .088  | .636  | -.086 | 150 | 2868 | -.033  | .049  | .160  | -.233  | 165 | 1121 | -.173  | .058  | .109  | -.422  |
| 150 | 2820  | -.152  | .052  | .064  | -.372 | 150 | 2869 | -.010  | .048  | .201  | -.240  | 165 | 1122 | -.188  | .071  | .043  | -.684  |
| 150 | 2821  | -.259  | .121  | .038  | -.778 | 150 | 2870 | -.023  | .046  | .186  | -.181  | 165 | 1123 | -.169  | .062  | .042  | -.553  |
| 150 | 2822  | -.186  | .069  | .470  | .055  | 150 | 2871 | -.107  | .043  | .068  | -.310  | 165 | 1124 | -.159  | .059  | .097  | -.446  |
| 150 | 28223 | -.122  | .043  | .000  | -.289 | 150 | 2872 | -.148  | .050  | .000  | -.439  | 165 | 1125 | -.156  | .055  | .000  | -.366  |
| 150 | 28224 | -.102  | .040  | .263  | .035  | 150 | 2873 | -.145  | .058  | .052  | -.351  | 165 | 1126 | -.158  | .054  | .246  | -.461  |
| 150 | 2823  | -.112  | .042  | .024  | -.315 | 165 | 101  | -.146  | .140  | .263  | -.837  | 165 | 1127 | -.162  | .054  | .208  | -.370  |
| 150 | 28234 | -.133  | .040  | .020  | -.286 | 165 | 102  | -.135  | .114  | .192  | -.614  | 165 | 1128 | -.128  | .064  | .233  | -.305  |
| 150 | 2827  | -.120  | .087  | .134  | -.612 | 165 | 103  | -.125  | .096  | .158  | -.578  | 165 | 1129 | -.135  | .067  | .267  | -.396  |
| 150 | 2828  | -.148  | .061  | .518  | -.217 | 165 | 104  | -.074  | .088  | .229  | -.340  | 165 | 1130 | -.168  | .056  | .111  | -.409  |
| 150 | 2829  | -.194  | .077  | .069  | -.510 | 165 | 105  | -.106  | .077  | .099  | -.402  | 165 | 1201 | -.186  | .178  | .295  | -1.149 |
| 150 | 2830  | -.154  | .059  | .083  | -.414 | 165 | 106  | -.098  | .107  | .180  | -.595  | 165 | 1202 | -.132  | .162  | .301  | -1.422 |
| 150 | 2831  | -.116  | .042  | .036  | -.312 | 165 | 107  | -.185  | .147  | .202  | -1.097 | 165 | 1203 | -.130  | .130  | .335  | -.870  |
| 150 | 2832  | -.108  | .039  | .255  | .020  | 165 | 108  | -.185  | .166  | .200  | -.905  | 165 | 1204 | -.123  | .121  | .317  | -.731  |
| 150 | 2833  | -.117  | .039  | .024  | -.324 | 165 | 109  | -.209  | .247  | .511  | -1.501 | 165 | 1205 | -.131  | .108  | .299  | -.624  |
| 150 | 2834  | -.138  | .041  | .097  | -.315 | 165 | 110  | -.141  | .118  | .190  | -.689  | 165 | 1206 | -.156  | .080  | .167  | -.717  |
| 150 | 2835  | -.139  | .080  | .082  | -.521 | 165 | 111  | -.116  | .091  | .123  | -.534  | 165 | 1207 | -.209  | .215  | .476  | -1.570 |
| 150 | 2836  | -.186  | .076  | .566  | -.070 | 165 | 112  | -.102  | .077  | .138  | -.443  | 165 | 1208 | -.178  | .074  | .109  | -.539  |
| 150 | 2837  | -.078  | .033  | .030  | -.206 | 165 | 201  | -.107  | .054  | .087  | -.384  | 165 | 1209 | -.197  | .161  | .461  | -1.016 |
| 150 | 2838  | -.140  | .043  | .007  | -.346 | 165 | 202  | -.138  | .061  | .068  | -.482  | 165 | 1210 | -.145  | .138  | .412  | -.866  |
| 150 | 2839  | -.113  | .099  | .120  | -.617 | 165 | 203  | -.171  | .093  | .130  | -.557  | 165 | 1211 | -.124  | .082  | .240  | -.406  |
| 150 | 2840  | -.152  | .060  | .461  | -.112 | 165 | 204  | -.601  | .293  | .200  | -2.096 | 165 | 1212 | -.130  | .072  | .186  | -.388  |
| 150 | 2841  | -.102  | .037  | .047  | -.228 | 165 | 205  | -.485  | .174  | .061  | -1.342 | 165 | 1213 | -.175  | .061  | .044  | -.447  |
| 150 | 2842  | -.123  | .040  | .040  | -.270 | 165 | 206  | -.442  | .204  | .117  | -1.613 | 165 | 1214 | -.190  | .094  | .181  | -.725  |
| 150 | 2843  | -.083  | .079  | .196  | -.461 | 165 | 207  | -.174  | .081  | .071  | -.594  | 165 | 1215 | -.164  | .086  | .329  | -.640  |
| 150 | 2844  | -.113  | .053  | .285  | -.116 | 165 | 208  | -.139  | .061  | .070  | -.509  | 165 | 1216 | -.145  | .075  | .253  | -.512  |
| 150 | 2845  | -.094  | .034  | .033  | -.273 | 165 | 209  | -.115  | .061  | .098  | -.351  | 165 | 1217 | -.136  | .059  | .139  | -.341  |
| 150 | 2846  | -.118  | .036  | .029  | -.353 | 165 | 210  | -.117  | .067  | .115  | -.494  | 165 | 1218 | -.144  | .054  | .084  | -.352  |
| 150 | 2847  | -.086  | .067  | .098  | -.405 | 165 | 211  | -.184  | .089  | .115  | -.760  | 165 | 1219 | -.177  | .071  | .174  | -.596  |
| 150 | 2848  | -.094  | .076  | .443  | -.156 | 165 | 212  | -.268  | .156  | .132  | -1.105 | 165 | 1220 | -.159  | .065  | .134  | -.585  |
| 150 | 2849  | -.078  | .076  | .157  | -.403 | 165 | 1101 | -.025  | .252  | .780  | -1.345 | 165 | 1221 | -.136  | .050  | .160  | -.330  |
| 150 | 2850  | -.093  | .070  | .189  | -.391 | 165 | 1102 | -.022  | .195  | .690  | -.718  | 165 | 1222 | -.120  | .046  | .150  | -.301  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|-------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 165 | 13223 | -.142  | .038  | .058  | -.302 | 165 | 1331 | -.122  | .034  | .000  | -.230  | 165 | 1514 | -.296  | .125  | .004  | -.923  |
| 165 | 13224 | -.143  | .047  | .031  | -.461 | 165 | 1332 | -.144  | .038  | .087  | -.303  | 165 | 1515 | -.426  | .169  | -.024 | -1.213 |
| 165 | 13225 | -.143  | .040  | .037  | -.260 | 165 | 1401 | -.167  | .069  | -.004 | -.527  | 165 | 1516 | -.193  | .063  | .094  | -.571  |
| 165 | 13226 | -.113  | .038  | .016  | -.342 | 165 | 1402 | -.185  | .061  | -.020 | -.485  | 165 | 1517 | -.148  | .079  | .089  | -.617  |
| 165 | 13227 | -.113  | .039  | .058  | -.242 | 165 | 1403 | -.188  | .061  | -.016 | -.518  | 165 | 1518 | -.217  | .107  | .024  | -.919  |
| 165 | 13228 | -.112  | .037  | .054  | -.301 | 165 | 1404 | -.192  | .066  | -.009 | -.574  | 165 | 1519 | -.382  | .178  | .000  | -1.184 |
| 165 | 13229 | -.127  | .044  | .037  | -.293 | 165 | 1405 | -.158  | .070  | .052  | -.522  | 165 | 1520 | -.205  | .072  | .041  | -.569  |
| 165 | 13230 | -.108  | .037  | .021  | -.241 | 165 | 1406 | -.198  | .082  | .049  | -.703  | 165 | 1521 | -.094  | .064  | .099  | -.489  |
| 165 | 13231 | -.120  | .037  | .072  | -.348 | 165 | 1407 | -.199  | .070  | -.013 | -.620  | 165 | 1522 | -.111  | .069  | .157  | -.529  |
| 165 | 13232 | -.114  | .037  | .123  | -.311 | 165 | 1408 | -.176  | .062  | .000  | -.452  | 165 | 1523 | -.169  | .120  | .162  | -.906  |
| 165 | 13233 | -.107  | .041  | .210  | -.249 | 165 | 1409 | -.167  | .068  | .041  | -.550  | 165 | 1524 | -.161  | .060  | .082  | -.581  |
| 165 | 13234 | -.092  | .045  | .163  | -.200 | 165 | 1410 | -.184  | .057  | .020  | -.556  | 165 | 1525 | -.001  | .065  | .254  | -.473  |
| 165 | 13235 | -.075  | .035  | .107  | -.193 | 165 | 1411 | -.198  | .072  | -.011 | -.546  | 165 | 1526 | -.001  | .063  | .237  | -.276  |
| 165 | 13236 | -.104  | .036  | .109  | -.269 | 165 | 1412 | -.203  | .080  | .016  | -.517  | 165 | 1527 | -.014  | .075  | .302  | -.485  |
| 165 | 13237 | -.104  | .041  | .204  | -.244 | 165 | 1413 | -.164  | .076  | .073  | -.527  | 165 | 1528 | -.003  | .053  | .240  | -.295  |
| 165 | 13238 | -.104  | .046  | .267  | -.229 | 165 | 1414 | -.172  | .069  | .051  | -.565  | 165 | 1529 | -.157  | .078  | .499  | -.156  |
| 165 | 13239 | -.065  | .046  | .337  | -.217 | 165 | 1415 | -.180  | .061  | .011  | -.598  | 165 | 1530 | -.062  | .055  | .310  | -.135  |
| 165 | 13240 | -.105  | .033  | .013  | -.240 | 165 | 1416 | -.202  | .074  | .024  | -.625  | 165 | 1531 | -.112  | .055  | .336  | -.083  |
| 165 | 13241 | -.109  | .032  | .038  | -.219 | 165 | 1417 | -.181  | .084  | .052  | -.619  | 165 | 1532 | -.134  | .064  | .471  | -.072  |
| 165 | 13242 | -.098  | .047  | .307  | -.252 | 165 | 1418 | -.209  | .084  | .033  | -.676  | 165 | 1601 | -.127  | .100  | .300  | -.536  |
| 165 | 13301 | -.111  | .112  | .037  | -.898 | 165 | 1419 | -.126  | .043  | .040  | -.361  | 165 | 1602 | -.034  | .135  | .402  | -.611  |
| 165 | 13302 | -.240  | .087  | .047  | -.823 | 165 | 1420 | -.152  | .051  | .002  | -.436  | 165 | 1603 | -.017  | .132  | .466  | -.740  |
| 165 | 13303 | -.230  | .090  | .020  | -.888 | 165 | 1421 | -.179  | .068  | -.004 | -.591  | 165 | 1604 | -.014  | .159  | .518  | -.671  |
| 165 | 13304 | -.227  | .085  | .036  | -.819 | 165 | 1422 | -.240  | .078  | -.009 | -.636  | 165 | 1605 | -.006  | .175  | .556  | -.935  |
| 165 | 13305 | -.237  | .110  | .013  | -.819 | 165 | 1423 | -.296  | .090  | -.069 | -.707  | 165 | 1606 | -.022  | .197  | .697  | -1.166 |
| 165 | 13306 | -.231  | .093  | .058  | -.692 | 165 | 1424 | -.120  | .033  | .007  | -.231  | 165 | 1607 | -.147  | .093  | .162  | -.483  |
| 165 | 13307 | -.230  | .090  | .027  | -.744 | 165 | 1425 | -.096  | .031  | .006  | -.239  | 165 | 1608 | -.026  | .213  | .899  | -.735  |
| 165 | 13308 | -.236  | .096  | .098  | -.797 | 165 | 1426 | -.141  | .037  | .002  | -.320  | 165 | 1609 | -.147  | .092  | .189  | -.590  |
| 165 | 13309 | -.237  | .076  | .004  | -.699 | 165 | 1427 | -.241  | .079  | .031  | -.578  | 165 | 1610 | -.012  | .118  | .623  | -.491  |
| 165 | 13310 | -.232  | .089  | .053  | -.970 | 165 | 1428 | -.467  | .122  | -.056 | -.857  | 165 | 1611 | -.048  | .137  | .602  | -.369  |
| 165 | 13311 | -.235  | .084  | .040  | -.897 | 165 | 1429 | -.089  | .034  | -.039 | -.211  | 165 | 1612 | -.047  | .148  | .704  | -.422  |
| 165 | 13312 | -.216  | .076  | .042  | -.719 | 165 | 1430 | -.504  | .147  | -.020 | -.077  | 165 | 1613 | -.022  | .159  | .783  | -.546  |
| 165 | 13313 | -.162  | .070  | .045  | -.634 | 165 | 1431 | -.129  | .034  | .007  | -.257  | 165 | 1614 | -.113  | .079  | .314  | -.475  |
| 165 | 13314 | -.112  | .071  | .016  | -.612 | 165 | 1432 | -.123  | .036  | .011  | -.263  | 165 | 1615 | -.003  | .084  | .436  | -.383  |
| 165 | 13315 | -.055  | .062  | .002  | -.558 | 165 | 1433 | -.104  | .041  | .045  | -.264  | 165 | 1616 | -.024  | .091  | .549  | -.350  |
| 165 | 13316 | -.063  | .055  | .053  | -.583 | 165 | 1434 | -.213  | .077  | .091  | -.543  | 165 | 1617 | -.041  | .104  | .641  | -.312  |
| 165 | 13317 | -.123  | .044  | .019  | -.436 | 165 | 1435 | -.280  | .070  | -.051 | -.592  | 165 | 1618 | -.000  | .104  | .563  | -.414  |
| 165 | 13318 | -.130  | .035  | .022  | -.427 | 165 | 1501 | -.224  | .082  | -.065 | -.583  | 165 | 1619 | -.046  | .076  | .322  | -.474  |
| 165 | 13319 | -.130  | .034  | .009  | -.299 | 165 | 1502 | -.235  | .087  | -.012 | -.623  | 165 | 1620 | -.009  | .073  | .354  | -.346  |
| 165 | 13320 | -.123  | .037  | .004  | -.403 | 165 | 1503 | -.207  | .085  | -.034 | -.992  | 165 | 1621 | -.024  | .073  | .341  | -.282  |
| 165 | 13321 | -.099  | .047  | .071  | -.389 | 165 | 1504 | -.302  | .122  | -.039 | -.829  | 165 | 1622 | -.024  | .081  | .559  | -.318  |
| 165 | 13322 | -.117  | .034  | .016  | -.283 | 165 | 1505 | -.266  | .090  | -.059 | -.840  | 165 | 1623 | -.037  | .084  | .389  | -.308  |
| 165 | 13323 | -.118  | .034  | .004  | -.264 | 165 | 1506 | -.276  | .102  | -.012 | -.756  | 165 | 1624 | -.049  | .068  | .385  | -.356  |
| 165 | 13324 | -.117  | .034  | .013  | -.240 | 165 | 1507 | -.392  | .162  | -.077 | -1.127 | 165 | 1625 | -.061  | .057  | .312  | -.140  |
| 165 | 13325 | -.075  | .032  | .060  | -.196 | 165 | 1508 | -.231  | .089  | .025  | -.651  | 165 | 1626 | -.053  | .057  | .272  | -.241  |
| 165 | 13326 | -.104  | .023  | .038  | -.214 | 165 | 1509 | -.319  | .124  | -.053 | -.984  | 165 | 1627 | -.001  | .052  | .264  | -.211  |
| 165 | 13327 | -.109  | .033  | .038  | -.213 | 165 | 1510 | -.197  | .069  | -.012 | -.537  | 165 | 1628 | -.068  | .048  | .156  | -.225  |
| 165 | 13328 | -.122  | .031  | .007  | -.240 | 165 | 1511 | -.393  | .149  | -.039 | -1.144 | 165 | 1629 | -.164  | .071  | .412  | -.049  |
| 165 | 13329 | -.084  | .033  | .045  | -.206 | 165 | 1512 | -.209  | .078  | .035  | -.653  | 165 | 1630 | -.045  | .048  | .265  | -.205  |
| 165 | 13330 | -.116  | .033  | .000  | -.218 | 165 | 1513 | -.222  | .106  | .077  | -.785  | 165 | 1631 | -.153  | .066  | .462  | -.036  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|
| 163 | 1632 | .127   | .039  | .389  | -.033 | 165 | 1822 | .089   | .039  | .310  | -.031 | 165 | 1871 | -.059  | .029  | .041  | -.143  |
| 163 | 1633 | .055   | .047  | .333  | -.075 | 165 | 1823 | -.090  | .033  | .030  | -.198 | 165 | 1872 | -.059  | .030  | .044  | -.149  |
| 163 | 1634 | -.013  | .045  | .276  | -.173 | 165 | 1824 | .080   | .037  | .201  | -.167 | 165 | 1873 | -.057  | .031  | .058  | -.154  |
| 163 | 1635 | -.061  | .044  | .245  | -.209 | 165 | 1825 | -.065  | .043  | .129  | -.214 | 165 | 2101 | -.205  | .077  | .047  | -.615  |
| 163 | 1701 | .084   | .039  | .195  | -.123 | 165 | 1826 | -.074  | .052  | .164  | -.306 | 165 | 2102 | -.199  | .079  | .052  | -.718  |
| 163 | 1702 | -.085  | .036  | .125  | -.197 | 165 | 1827 | -.197  | .071  | .153  | -.434 | 165 | 2103 | -.261  | .093  | .005  | -.729  |
| 163 | 1703 | -.100  | .034  | .112  | -.200 | 165 | 1828 | .088   | .040  | .255  | -.082 | 165 | 2104 | -.214  | .086  | .030  | -.627  |
| 163 | 1704 | -.093  | .061  | .225  | -.279 | 165 | 1829 | -.083  | .035  | .063  | -.273 | 165 | 2105 | -.248  | .089  | .009  | -.811  |
| 163 | 1705 | -.086  | .050  | .377  | -.117 | 165 | 1830 | -.092  | .038  | .058  | -.310 | 165 | 2106 | -.191  | .062  | .026  | -.485  |
| 163 | 1706 | -.088  | .043  | .099  | -.281 | 165 | 1831 | -.086  | .034  | .074  | -.221 | 165 | 2107 | -.248  | .090  | -.015 | .919   |
| 163 | 1707 | -.103  | .041  | .036  | -.255 | 165 | 1832 | -.080  | .035  | .174  | -.065 | 165 | 2108 | -.205  | .066  | -.004 | .656   |
| 163 | 1708 | -.093  | .043  | .069  | -.246 | 165 | 1833 | -.066  | .041  | .135  | -.176 | 165 | 2109 | -.235  | .089  | -.004 | .689   |
| 163 | 1709 | -.099  | .042  | .198  | -.279 | 165 | 1834 | -.071  | .052  | .134  | -.532 | 165 | 2110 | -.192  | .052  | -.024 | .549   |
| 163 | 1710 | -.105  | .036  | .138  | -.282 | 165 | 1835 | -.152  | .056  | .140  | -.325 | 165 | 2111 | -.204  | .056  | -.022 | .493   |
| 163 | 1711 | -.087  | .057  | .312  | -.305 | 165 | 1836 | .079   | .034  | .243  | -.054 | 165 | 2112 | -.201  | .061  | -.002 | .463   |
| 163 | 1712 | -.097  | .043  | .131  | -.237 | 165 | 1837 | -.046  | .031  | .063  | -.139 | 165 | 2113 | -.218  | .076  | -.017 | .619   |
| 163 | 1713 | -.119  | .032  | .034  | -.409 | 165 | 1838 | -.075  | .052  | .407  | -.310 | 165 | 2114 | -.171  | .043  | -.040 | .388   |
| 163 | 1714 | -.094  | .036  | .053  | -.240 | 165 | 1839 | -.129  | .049  | .081  | -.296 | 165 | 2115 | -.184  | .046  | -.053 | .420   |
| 163 | 1715 | -.061  | .050  | .264  | -.201 | 165 | 1840 | .082   | .034  | .222  | -.025 | 165 | 2116 | -.184  | .053  | -.037 | .517   |
| 163 | 1716 | -.111  | .066  | .243  | -.292 | 165 | 1841 | -.087  | .033  | .030  | -.235 | 165 | 2117 | -.198  | .062  | -.015 | .569   |
| 163 | 1717 | -.110  | .067  | .315  | -.300 | 165 | 1842 | -.066  | .041  | .103  | -.183 | 165 | 2118 | -.146  | .036  | -.015 | .344   |
| 163 | 1718 | -.121  | .069  | .315  | -.295 | 165 | 1843 | -.127  | .043  | .049  | -.270 | 165 | 2119 | -.161  | .041  | -.018 | .428   |
| 163 | 1719 | -.119  | .071  | .336  | -.293 | 165 | 1844 | .075   | .033  | .186  | -.052 | 165 | 2120 | -.161  | .045  | -.002 | .386   |
| 163 | 1720 | -.101  | .051  | .351  | -.117 | 165 | 1845 | -.080  | .034  | .044  | -.173 | 165 | 2121 | -.163  | .048  | -.012 | .385   |
| 163 | 1721 | -.098  | .041  | .057  | -.339 | 165 | 1846 | -.069  | .043  | .097  | -.196 | 165 | 2122 | -.103  | .033  | -.032 | .239   |
| 163 | 1722 | -.100  | .042  | .047  | -.412 | 165 | 1847 | -.150  | .056  | .096  | -.308 | 165 | 2123 | -.137  | .032  | -.026 | .295   |
| 163 | 1723 | -.097  | .042  | .147  | -.466 | 165 | 1848 | -.099  | .051  | .266  | -.142 | 165 | 2124 | -.114  | .037  | -.009 | .350   |
| 163 | 1724 | -.094  | .064  | .510  | -.201 | 165 | 1849 | -.126  | .042  | .083  | -.250 | 165 | 2125 | -.145  | .051  | -.026 | .552   |
| 163 | 1725 | -.076  | .055  | .193  | -.343 | 165 | 1850 | -.105  | .041  | .069  | -.239 | 165 | 2126 | -.106  | .032  | -.002 | .229   |
| 163 | 1801 | -.167  | .065  | .302  | -.465 | 165 | 1851 | -.040  | .029  | .067  | -.168 | 165 | 2127 | -.106  | .029  | -.002 | .199   |
| 163 | 1802 | -.161  | .070  | .272  | -.613 | 165 | 1852 | -.029  | .029  | .067  | -.168 | 165 | 2128 | -.093  | .036  | -.064 | .230   |
| 163 | 1803 | -.150  | .063  | .339  | -.180 | 165 | 1853 | .037   | .027  | .056  | -.125 | 165 | 2129 | -.120  | .035  | -.020 | .312   |
| 163 | 1804 | -.114  | .048  | .159  | -.319 | 165 | 1854 | -.037  | .029  | .100  | -.135 | 165 | 2130 | -.096  | .035  | -.020 | .240   |
| 163 | 1805 | -.109  | .039  | .043  | -.310 | 165 | 1855 | -.039  | .034  | .144  | -.146 | 165 | 2201 | -.249  | .087  | -.011 | .614   |
| 163 | 1806 | -.112  | .040  | .034  | -.287 | 165 | 1856 | -.019  | .034  | .120  | -.120 | 165 | 2202 | -.282  | .122  | -.057 | .732   |
| 163 | 1807 | -.100  | .037  | .303  | -.031 | 165 | 1857 | -.019  | .040  | .153  | -.149 | 165 | 2203 | -.342  | .150  | -.063 | -1.018 |
| 163 | 1808 | -.093  | .044  | .135  | -.273 | 165 | 1858 | -.067  | .033  | .040  | -.217 | 165 | 2204 | -.417  | .192  | -.053 | -1.401 |
| 163 | 1809 | -.076  | .056  | .276  | -.368 | 165 | 1859 | -.066  | .030  | .040  | -.184 | 165 | 2205 | -.513  | .243  | -.067 | -1.990 |
| 163 | 1810 | -.074  | .062  | .208  | -.340 | 165 | 1860 | .000   | .000  | .000  | -.000 | 165 | 2206 | -.549  | .224  | -.118 | -1.840 |
| 163 | 1811 | -.144  | .058  | .389  | -.144 | 165 | 1861 | .070   | .030  | .081  | -.223 | 165 | 2207 | -.226  | .092  | -.039 | -.671  |
| 163 | 1812 | -.109  | .044  | .110  | -.303 | 165 | 1862 | -.069  | .030  | .040  | -.327 | 165 | 2208 | -.501  | .192  | -.031 | -1.439 |
| 163 | 1813 | -.104  | .037  | .022  | -.248 | 165 | 1863 | -.079  | .034  | .037  | -.246 | 165 | 2209 | -.213  | .069  | -.020 | -.568  |
| 163 | 1814 | -.105  | .042  | .015  | -.313 | 165 | 1864 | -.069  | .030  | .053  | -.239 | 165 | 2210 | -.215  | .085  | -.050 | -.702  |
| 163 | 1815 | -.092  | .035  | .209  | -.008 | 165 | 1865 | -.066  | .029  | .063  | -.151 | 165 | 2211 | -.318  | .135  | -.076 | -.878  |
| 163 | 1816 | -.091  | .038  | .063  | -.241 | 165 | 1866 | -.057  | .028  | .119  | -.133 | 165 | 2212 | -.383  | .151  | -.066 | -.987  |
| 163 | 1817 | -.075  | .045  | .136  | -.274 | 165 | 1867 | -.068  | .028  | .091  | -.151 | 165 | 2213 | -.436  | .143  | -.040 | -1.155 |
| 163 | 1818 | -.074  | .051  | .153  | -.281 | 165 | 1868 | -.053  | .028  | .074  | -.140 | 165 | 2214 | -.179  | .054  | -.015 | -.460  |
| 163 | 1819 | -.161  | .076  | .431  | -.159 | 165 | 1869 | -.056  | .026  | .058  | -.146 | 165 | 2215 | -.172  | .065  | -.057 | -.508  |
| 163 | 1820 | -.098  | .044  | .063  | -.248 | 165 | 1870 | -.048  | .030  | .138  | -.128 | 165 | 2216 | -.188  | .086  | -.079 | -.745  |
| 163 | 1821 | -.093  | .037  | .045  | -.246 | 165 |      | -.058  | .027  | .074  | -.142 | 165 | 2217 | -.285  | .143  | -.046 | -1.043 |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN | WD  | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|-----|-------|--------|-------|-------|-------|-----|-------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 165 | 22218 | 350    | 132   | 009   | -1    | 151 | 23326 | 028    | 055   | 277   | -277  | 165 | 2509 | 123    | 093   | 130   | -715  |
| 165 | 22219 | 148    | 036   | 020   | -1    | 303 | 23327 | 042    | 055   | 175   | -385  | 165 | 2510 | 611    | 286   | 085   | -1509 |
| 165 | 22220 | 133    | 044   | 048   | -1    | 304 | 23328 | 054    | 058   | 163   | -378  | 165 | 2511 | 172    | 068   | 033   | -477  |
| 165 | 22221 | 144    | 058   | 155   | -1    | 415 | 23329 | 103    | 071   | 161   | -720  | 165 | 2512 | 531    | 221   | 075   | -1380 |
| 165 | 22222 | 149    | 074   | 235   | -1    | 739 | 23330 | 051    | 048   | 197   | -204  | 165 | 2513 | 283    | 168   | 027   | -1046 |
| 165 | 22223 | 182    | 092   | 105   | -1    | 769 | 23331 | 072    | 047   | 171   | -315  | 165 | 2514 | 193    | 124   | 184   | -941  |
| 165 | 22224 | 129    | 033   | 020   | -1    | 245 | 23332 | 032    | 038   | 133   | -151  | 165 | 2515 | 188    | 061   | 009   | -634  |
| 165 | 22225 | 123    | 041   | 060   | -1    | 287 | 2401  | 304    | 232   | 1010  | -522  | 165 | 2516 | 402    | 178   | 105   | -1147 |
| 165 | 22226 | 109    | 040   | 046   | -1    | 263 | 2402  | 252    | 202   | 886   | -446  | 165 | 2517 | 196    | 104   | 041   | -904  |
| 165 | 22227 | 076    | 052   | 261   | -1    | 353 | 2403  | 200    | 185   | 825   | -461  | 165 | 2518 | 174    | 092   | 104   | -790  |
| 165 | 22228 | 074    | 064   | 315   | -1    | 403 | 2404  | 187    | 177   | 775   | -319  | 165 | 2519 | 184    | 060   | 030   | -578  |
| 165 | 22229 | 125    | 035   | 020   | -1    | 256 | 2405  | 136    | 179   | 759   | -414  | 165 | 2520 | 263    | 133   | 072   | -923  |
| 165 | 22230 | 098    | 047   | 149   | -1    | 265 | 2406  | 021    | 150   | 656   | -423  | 165 | 2521 | 143    | 065   | 066   | -442  |
| 165 | 22231 | 085    | 041   | 124   | -1    | 227 | 2407  | 300    | 236   | 121   | -368  | 165 | 2522 | 133    | 057   | 108   | -446  |
| 165 | 22232 | 077    | 041   | 110   | -1    | 203 | 2408  | 004    | 114   | 470   | -309  | 165 | 2523 | 159    | 046   | 012   | -339  |
| 165 | 22233 | 078    | 039   | 066   | -1    | 203 | 2409  | 148    | 176   | 961   | -326  | 165 | 2524 | 157    | 086   | 098   | -597  |
| 165 | 22234 | 050    | 039   | 105   | -1    | 204 | 2410  | 207    | 168   | 906   | -202  | 165 | 2525 | 098    | 047   | 066   | -287  |
| 165 | 22235 | 041    | 059   | 208   | -1    | 212 | 2411  | 140    | 136   | 737   | -239  | 165 | 2526 | 119    | 053   | 113   | -365  |
| 165 | 22236 | 046    | 050   | 163   | -1    | 214 | 2412  | 081    | 118   | 635   | -277  | 165 | 2527 | 134    | 047   | 028   | -336  |
| 165 | 22237 | 035    | 049   | 202   | -1    | 179 | 2413  | 112    | 108   | 379   | -496  | 165 | 2528 | 110    | 053   | 137   | -347  |
| 165 | 22238 | 030    | 041   | 123   | -1    | 203 | 2414  | 037    | 123   | 613   | -326  | 165 | 2529 | 102    | 044   | 130   | -253  |
| 165 | 22239 | 039    | 039   | 094   | -1    | 184 | 2415  | 081    | 126   | 652   | -331  | 165 | 2530 | 119    | 050   | 137   | -314  |
| 165 | 22240 | 049    | 043   | 120   | -1    | 191 | 2416  | 090    | 118   | 574   | -291  | 165 | 2531 | 011    | 036   | 156   | -126  |
| 165 | 22241 | 056    | 039   | 093   | -1    | 197 | 2417  | 018    | 103   | 520   | -316  | 165 | 2532 | 093    | 037   | 042   | -284  |
| 165 | 22242 | 052    | 037   | 080   | -1    | 177 | 2418  | 102    | 089   | 301   | -411  | 165 | 2601 | 225    | 092   | 025   | -870  |
| 165 | 22301 | 130    | 145   | 145   | -1    | 881 | 2419  | 018    | 098   | 416   | -580  | 165 | 2602 | 261    | 095   | 012   | -813  |
| 165 | 22302 | 134    | 134   | 301   | -1    | 694 | 2420  | 036    | 109   | 562   | -399  | 165 | 2603 | 211    | 097   | 053   | -726  |
| 165 | 22303 | 159    | 234   | 329   | -1    | 465 | 2421  | 012    | 098   | 467   | -280  | 165 | 2604 | 214    | 096   | 068   | -718  |
| 165 | 22304 | 167    | 415   | 554   | -1    | 904 | 2422  | 007    | 091   | 432   | -273  | 165 | 2605 | 192    | 093   | 100   | -731  |
| 165 | 22305 | 103    | 199   | 459   | -1    | 383 | 2423  | 084    | 080   | 241   | -362  | 165 | 2606 | 237    | 091   | 014   | -717  |
| 165 | 22306 | 185    | 141   | 303   | -1    | 808 | 2424  | 052    | 063   | 255   | -241  | 165 | 2607 | 214    | 076   | 005   | -673  |
| 165 | 22307 | 291    | 321   | 387   | -1    | 487 | 2425  | 056    | 074   | 261   | -312  | 165 | 2608 | 204    | 077   | 012   | -653  |
| 165 | 22308 | 279    | 118   | 163   | -1    | 781 | 2426  | 036    | 074   | 307   | -285  | 165 | 2609 | 206    | 073   | 025   | -743  |
| 165 | 22309 | 461    | 381   | 522   | -1    | 818 | 2427  | 041    | 071   | 290   | -253  | 165 | 2610 | 257    | 082   | 054   | -705  |
| 165 | 22310 | 283    | 166   | 096   | -1    | 765 | 2428  | 064    | 065   | 271   | -333  | 165 | 2611 | 205    | 074   | 000   | -664  |
| 165 | 22311 | 169    | 164   | 401   | -1    | 107 | 2429  | 062    | 043   | 280   | -196  | 165 | 2612 | 204    | 065   | 016   | -629  |
| 165 | 22312 | 247    | 222   | 404   | -1    | 173 | 2430  | 063    | 047   | 122   | -283  | 165 | 2613 | 194    | 067   | 018   | -574  |
| 165 | 22313 | 474    | 337   | 510   | -1    | 600 | 2431  | 023    | 050   | 339   | -190  | 165 | 2614 | 250    | 073   | 078   | -764  |
| 165 | 22314 | 232    | 095   | 181   | -1    | 739 | 2432  | 000    | 056   | 349   | -129  | 165 | 2615 | 205    | 073   | 002   | -587  |
| 165 | 22315 | 165    | 130   | 274   | -1    | 918 | 2433  | 018    | 066   | 345   | -210  | 165 | 2616 | 215    | 077   | 002   | -711  |
| 165 | 22316 | 214    | 183   | 317   | -1    | 277 | 2434  | 010    | 065   | 318   | -206  | 165 | 2617 | 181    | 063   | 021   | -497  |
| 165 | 22317 | 358    | 241   | 292   | -1    | 559 | 2435  | 022    | 062   | 276   | -193  | 165 | 2618 | 217    | 061   | 005   | -670  |
| 165 | 22318 | 140    | 068   | 210   | -1    | 558 | 2501  | 433    | 247   | 116   | -1643 | 165 | 2619 | 198    | 066   | 012   | -537  |
| 165 | 22319 | 124    | 086   | 255   | -1    | 607 | 2502  | 275    | 120   | 059   | -872  | 165 | 2620 | 210    | 070   | 016   | -608  |
| 165 | 22320 | 133    | 109   | 171   | -1    | 860 | 2503  | 288    | 106   | 012   | -742  | 165 | 2621 | 173    | 062   | 011   | -538  |
| 165 | 22321 | 212    | 143   | 173   | -1    | 971 | 2504  | 131    | 131   | 298   | -1042 | 165 | 2622 | 205    | 056   | 047   | -493  |
| 165 | 22322 | 052    | 071   | 305   | -1    | 364 | 2505  | 113    | 113   | 301   | -670  | 165 | 2623 | 157    | 055   | 014   | -442  |
| 165 | 22323 | 062    | 079   | 333   | -1    | 385 | 2506  | 163    | 095   | 137   | -688  | 165 | 2624 | 189    | 068   | 021   | -699  |
| 165 | 22324 | 068    | 086   | 247   | -1    | 514 | 2507  | 151    | 072   | 065   | -548  | 165 | 2625 | 163    | 063   | 000   | -606  |
| 165 | 22325 | 123    | 097   | 122   | -1    | 802 | 2508  | 304    | 167   | 072   | -144  | 165 | 2626 | 197    | 064   | 028   | -578  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 165 | 2627 | 124    | .050  | .035  | .502  | 165 | 2817 | .080   | .049  | .121  | .395  | 165 | 2866 | .024   | .038  | .174  | .159  |
| 165 | 2628 | 125    | .048  | .026  | .429  | 165 | 2818 | .084   | .040  | .092  | .313  | 165 | 2867 | .048   | .036  | .159  | .293  |
| 165 | 2629 | 156    | .075  | .005  | .629  | 165 | 2819 | .086   | .035  | .196  | .039  | 165 | 2868 | .016   | .037  | .128  | .136  |
| 165 | 2630 | 119    | .042  | .021  | .398  | 165 | 2820 | .104   | .036  | .030  | .236  | 165 | 2869 | .021   | .041  | .196  | .094  |
| 165 | 2631 | 112    | .047  | .016  | .343  | 165 | 2821 | .235   | .080  | .035  | .560  | 165 | 2870 | .002   | .042  | .198  | .119  |
| 165 | 2632 | 113    | .044  | .019  | .298  | 165 | 2822 | .135   | .045  | .362  | .030  | 165 | 2871 | .018   | .035  | .193  | .115  |
| 165 | 2633 | .080   | .038  | .059  | .239  | 165 | 2823 | .066   | .036  | .088  | .194  | 165 | 2872 | .037   | .033  | .191  | .139  |
| 165 | 2634 | 119    | .040  | .042  | .337  | 165 | 2824 | .049   | .041  | .219  | .096  | 165 | 2873 | .043   | .036  | .109  | .198  |
| 165 | 2635 | .070   | .040  | .088  | .405  | 165 | 2825 | .062   | .049  | .156  | .263  | 180 | 101  | .383   | .119  | .022  | .763  |
| 165 | 2636 | 2701   | .048  | .166  | .205  | 165 | 2826 | .083   | .041  | .058  | .238  | 180 | 102  | .188   | .056  | .053  | .414  |
| 165 | 2637 | 2702   | .066  | .096  | .211  | 165 | 2827 | .082   | .037  | .065  | .224  | 180 | 103  | .139   | .051  | .083  | .359  |
| 165 | 2638 | 2703   | .041  | .050  | .180  | 165 | 2828 | .106   | .037  | .251  | .005  | 180 | 104  | .068   | .056  | .050  | .336  |
| 165 | 2639 | 2704   | .148  | .049  | .417  | 165 | 2829 | .181   | .062  | .009  | .426  | 180 | 105  | .127   | .070  | .050  | .415  |
| 165 | 2640 | 2705   | .170  | .057  | .005  | 165 | 2830 | .133   | .043  | .005  | .299  | 180 | 106  | .269   | .115  | .238  | .615  |
| 165 | 2641 | 2706   | .187  | .095  | .048  | 165 | 2831 | .066   | .038  | .074  | .197  | 180 | 107  | .604   | .114  | .217  | .016  |
| 165 | 2642 | 2707   | .103  | .046  | .067  | 165 | 2832 | .054   | .038  | .207  | .098  | 180 | 108  | .843   | .221  | .000  | .537  |
| 165 | 2643 | 2708   | .081  | .049  | .105  | 165 | 2833 | .055   | .042  | .092  | .204  | 180 | 109  | .057   | .411  | .164  | .540  |
| 165 | 2644 | 2709   | .064  | .066  | .260  | 165 | 2834 | .086   | .042  | .058  | .248  | 180 | 110  | .226   | .089  | .020  | .816  |
| 165 | 2645 | 2710   | .050  | .064  | .224  | 165 | 2835 | .092   | .036  | .007  | .265  | 180 | 111  | .157   | .055  | .017  | .552  |
| 165 | 2646 | 2711   | .143  | .044  | .371  | 165 | 2836 | .157   | .050  | .365  | .009  | 180 | 112  | .106   | .044  | .071  | .304  |
| 165 | 2647 | 2712   | .099  | .043  | .142  | 165 | 2837 | .032   | .029  | .082  | .128  | 180 | 201  | .107   | .078  | .109  | .509  |
| 165 | 2648 | 2713   | .107  | .039  | .070  | 165 | 2838 | .085   | .046  | .093  | .350  | 180 | 202  | .118   | .091  | .219  | .617  |
| 165 | 2649 | 2714   | .052  | .046  | .219  | 165 | 2839 | .084   | .037  | .051  | .265  | 180 | 203  | .136   | .121  | .449  | .765  |
| 165 | 2650 | 2715   | .087  | .047  | .310  | 165 | 2840 | .129   | .042  | .287  | .039  | 180 | 204  | .261   | .251  | .502  | .720  |
| 165 | 2651 | 2716   | .121  | .039  | .021  | 165 | 2841 | .050   | .037  | .112  | .165  | 180 | 205  | .264   | .177  | .193  | .985  |
| 165 | 2652 | 2717   | .072  | .035  | .089  | 165 | 2842 | .075   | .040  | .065  | .222  | 180 | 206  | .237   | .166  | .301  | .507  |
| 165 | 2653 | 2718   | .095  | .031  | .028  | 165 | 2843 | .074   | .035  | .044  | .207  | 180 | 207  | .134   | .095  | .158  | .704  |
| 165 | 2654 | 2719   | .100  | .020  | .014  | 165 | 2844 | .110   | .041  | .264  | .023  | 180 | 208  | .118   | .074  | .094  | .488  |
| 165 | 2655 | 2720   | .068  | .051  | .267  | 165 | 2845 | .048   | .035  | .103  | .156  | 180 | 209  | .107   | .073  | .181  | .507  |
| 165 | 2656 | 2721   | .045  | .054  | .275  | 165 | 2846 | .086   | .038  | .030  | .236  | 180 | 210  | .110   | .078  | .100  | .622  |
| 165 | 2657 | 2722   | .065  | .050  | .199  | 165 | 2847 | .067   | .038  | .111  | .194  | 180 | 211  | .136   | .090  | .102  | .522  |
| 165 | 2658 | 2723   | .035  | .049  | .198  | 165 | 2848 | .073   | .037  | .232  | .116  | 180 | 212  | .167   | .123  | .145  | .681  |
| 165 | 2659 | 2724   | .067  | .054  | .226  | 165 | 2849 | .072   | .035  | .099  | .227  | 180 | 1101 | .159   | .232  | .847  | .186  |
| 165 | 2660 | 2725   | .070  | .047  | .257  | 165 | 2850 | .110   | .036  | .005  | .271  | 180 | 1102 | .071   | .127  | .611  | .544  |
| 165 | 2661 | 2801   | .100  | .031  | .016  | 165 | 2851 | .076   | .033  | .030  | .178  | 180 | 1103 | .015   | .147  | .538  | .467  |
| 165 | 2662 | 2802   | .099  | .031  | .014  | 165 | 2852 | .076   | .033  | .030  | .178  | 180 | 1104 | .191   | .131  | .349  | .648  |
| 165 | 2663 | 2803   | .103  | .031  | .235  | 165 | 2853 | .060   | .030  | .042  | .165  | 180 | 1105 | .056   | .101  | .530  | .480  |
| 165 | 2664 | 2804   | .147  | .051  | .005  | 165 | 2854 | .008   | .030  | .141  | .109  | 180 | 1106 | .163   | .139  | .742  | .619  |
| 165 | 2665 | 2805   | .250  | .084  | .033  | 165 | 2855 | .022   | .028  | .123  | .117  | 180 | 1107 | .028   | .146  | .565  | .511  |
| 165 | 2666 | 2806   | .152  | .048  | .030  | 165 | 2856 | .012   | .031  | .102  | .113  | 180 | 1108 | .121   | .366  | .023  | .273  |
| 165 | 2667 | 2807   | .087  | .044  | .292  | 165 | 2857 | .045   | .029  | .075  | .147  | 180 | 1109 | .336   | .159  | .240  | .973  |
| 165 | 2668 | 2808   | .075  | .045  | .080  | 165 | 2858 | .020   | .052  | .198  | .207  | 180 | 1110 | .184   | .373  | .851  | .359  |
| 165 | 2669 | 2809   | .096  | .048  | .098  | 165 | 2859 | .028   | .047  | .187  | .328  | 180 | 1111 | .035   | .163  | .502  | .970  |
| 165 | 2670 | 2810   | .089  | .040  | .097  | 165 | 2860 | .005   | .051  | .417  | .176  | 180 | 1112 | .098   | .120  | .519  | .454  |
| 165 | 2671 | 2811   | .091  | .032  | .198  | 165 | 2861 | .016   | .055  | .363  | .196  | 180 | 1113 | .338   | .116  | .171  | .720  |
| 165 | 2672 | 2812   | .126  | .038  | .023  | 165 | 2862 | .003   | .052  | .350  | .198  | 180 | 1114 | .438   | .358  | .595  | .332  |
| 165 | 2673 | 2813   | .240  | .066  | .030  | 165 | 2863 | .064   | .038  | .130  | .225  | 180 | 1115 | .172   | .210  | .294  | .179  |
| 165 | 2674 | 2814   | .137  | .041  | .007  | 165 | 2864 | .064   | .039  | .106  | .369  | 180 | 1116 | .068   | .138  | .325  | .777  |
| 165 | 2675 | 2815   | .073  | .039  | .239  | 165 | 2865 | .033   | .037  | .108  | .191  | 180 | 1117 | .329   | .105  | .071  | .685  |
| 165 | 2676 | 2816   | .056  | .044  | .110  | 165 | 2866 | .020   | .041  | .196  | .115  | 180 | 1118 | .428   | .215  | .342  | .420  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 180 | 1119 | -318   | .183  | .185  | -1.072 | 180 | 1239 | -.099  | .072  | .508  | -.284  | 180 | 1415 | -.286  | .110  | -.048 | -.996  |
| 180 | 1120 | -.207  | .148  | .185  | -.823  | 180 | 1240 | -.118  | .056  | .087  | -.292  | 180 | 1416 | -.294  | .123  | -.016 | -1.011 |
| 180 | 1121 | -.298  | .090  | .030  | -.594  | 180 | 1241 | -.151  | .054  | .085  | -.340  | 180 | 1417 | -.229  | .109  | .058  | -.990  |
| 180 | 1122 | -.260  | .134  | .292  | -.916  | 180 | 1242 | -.142  | .072  | .472  | -.329  | 180 | 1418 | -.264  | .111  | .021  | -.921  |
| 180 | 1123 | -.233  | .143  | .263  | -.980  | 180 | 1301 | -.302  | .107  | -.013 | -1.016 | 180 | 1419 | -.246  | .104  | .071  | -.860  |
| 180 | 1124 | -.193  | .131  | .286  | -.816  | 180 | 1302 | -.347  | .109  | -.035 | -.854  | 180 | 1420 | -.286  | .106  | .094  | -.771  |
| 180 | 1125 | -.198  | .099  | .208  | -.660  | 180 | 1303 | -.292  | .103  | -.034 | -.897  | 180 | 1421 | -.303  | .107  | -.016 | -.817  |
| 180 | 1126 | -.227  | .132  | .266  | -.929  | 180 | 1304 | -.303  | .106  | -.014 | -.896  | 180 | 1422 | -.343  | .108  | .074  | -.799  |
| 180 | 1127 | -.205  | .122  | .354  | -.678  | 180 | 1305 | -.380  | .110  | -.062 | -.841  | 180 | 1423 | -.363  | .112  | -.055 | -.835  |
| 180 | 1128 | -.150  | .137  | .517  | -.644  | 180 | 1306 | -.359  | .114  | -.041 | -.900  | 180 | 1424 | -.165  | .051  | .069  | -.403  |
| 180 | 1129 | -.160  | .116  | .290  | -.577  | 180 | 1307 | -.302  | .102  | -.078 | -.975  | 180 | 1425 | -.145  | .061  | .078  | -.457  |
| 180 | 1130 | -.148  | .112  | .251  | -.593  | 180 | 1308 | -.343  | .118  | -.032 | -.880  | 180 | 1426 | -.219  | .078  | .000  | -.592  |
| 180 | 1201 | -.005  | .032  | -.063 | -1.111 | 180 | 1309 | -.272  | .108  | -.031 | -.794  | 180 | 1427 | -.398  | .118  | -.064 | -.943  |
| 180 | 1202 | -.324  | .215  | .037  | -1.550 | 180 | 1310 | -.299  | .132  | -.030 | -1.066 | 180 | 1428 | -.509  | .141  | -.083 | -1.186 |
| 180 | 1203 | -.453  | .200  | .037  | -1.217 | 180 | 1311 | -.296  | .124  | -.034 | -1.069 | 180 | 1429 | -.118  | .045  | .029  | -.331  |
| 180 | 1204 | -.408  | .184  | .072  | -1.014 | 180 | 1312 | -.309  | .112  | -.012 | -1.094 | 180 | 1430 | -.576  | .168  | -.087 | -1.179 |
| 180 | 1205 | -.380  | .155  | .026  | -.865  | 180 | 1313 | -.255  | .105  | -.022 | -.843  | 180 | 1431 | -.153  | .044  | .046  | -.304  |
| 180 | 1206 | -.326  | .115  | .024  | -.777  | 180 | 1314 | -.296  | .113  | -.071 | -1.031 | 180 | 1432 | -.146  | .044  | .023  | -.352  |
| 180 | 1207 | -.273  | .311  | -.108 | -2.238 | 180 | 1315 | -.271  | .101  | -.097 | -.823  | 180 | 1433 | -.125  | .054  | .100  | -.355  |
| 180 | 1208 | -.295  | .086  | .048  | -.689  | 180 | 1316 | -.259  | .098  | -.106 | -1.087 | 180 | 1434 | -.270  | .083  | .032  | -.582  |
| 180 | 1209 | -.673  | .166  | -.111 | -1.313 | 180 | 1317 | -.212  | .084  | -.029 | -.659  | 180 | 1435 | -.335  | .084  | -.014 | -.626  |
| 180 | 1210 | -.671  | .185  | .039  | -1.313 | 180 | 1318 | -.217  | .087  | -.035 | -.691  | 180 | 1501 | -.329  | .089  | .051  | -.684  |
| 180 | 1211 | -.510  | .209  | .182  | -1.423 | 180 | 1319 | -.207  | .076  | -.014 | -.784  | 180 | 1502 | -.370  | .096  | -.071 | -.765  |
| 180 | 1212 | -.383  | .169  | .159  | -1.010 | 180 | 1320 | -.193  | .073  | -.044 | -.709  | 180 | 1503 | -.461  | .096  | -.109 | -.837  |
| 180 | 1213 | -.327  | .125  | .191  | -.937  | 180 | 1321 | -.157  | .070  | -.087 | -.497  | 180 | 1504 | -.505  | .103  | -.185 | -.989  |
| 180 | 1214 | -.392  | .190  | .101  | -1.516 | 180 | 1322 | -.169  | .051  | -.000 | -.656  | 180 | 1505 | -.463  | .086  | -.166 | -.769  |
| 180 | 1215 | -.395  | .186  | .115  | -1.338 | 180 | 1323 | -.165  | .046  | -.009 | -.356  | 180 | 1506 | -.479  | .109  | -.177 | -.934  |
| 180 | 1216 | -.328  | .194  | -.015 | -1.368 | 180 | 1324 | -.154  | .046  | -.021 | -.412  | 180 | 1507 | -.595  | .195  | -.179 | -1.451 |
| 180 | 1217 | -.353  | .160  | .074  | -.985  | 180 | 1325 | -.127  | .059  | -.062 | -.470  | 180 | 1508 | -.380  | .108  | -.019 | -.917  |
| 180 | 1218 | -.291  | .134  | .054  | -.844  | 180 | 1326 | -.167  | .053  | -.002 | -.454  | 180 | 1509 | -.539  | .152  | -.187 | -1.166 |
| 180 | 1219 | -.473  | .187  | -.063 | -1.375 | 180 | 1327 | -.157  | .047  | -.009 | -.320  | 180 | 1510 | -.352  | .098  | -.060 | -.757  |
| 180 | 1220 | -.372  | .158  | .024  | -1.269 | 180 | 1328 | -.164  | .048  | -.000 | -.348  | 180 | 1511 | -.538  | .181  | -.158 | -1.327 |
| 180 | 1221 | -.228  | .096  | .048  | -1.005 | 180 | 1329 | -.121  | .049  | -.062 | -.364  | 180 | 1512 | -.392  | .142  | .040  | -1.001 |
| 180 | 1222 | -.190  | .079  | .050  | -.784  | 180 | 1330 | -.155  | .050  | -.014 | -.355  | 180 | 1513 | -.482  | .172  | .029  | -1.075 |
| 180 | 1223 | -.197  | .074  | .043  | -.506  | 180 | 1331 | -.164  | .050  | -.014 | -.377  | 180 | 1514 | -.552  | .179  | -.119 | -1.265 |
| 180 | 1224 | -.236  | .105  | .183  | -.759  | 180 | 1332 | -.161  | .047  | -.021 | -.320  | 180 | 1515 | -.600  | .203  | -.130 | -1.531 |
| 180 | 1225 | -.179  | .076  | .220  | -.450  | 180 | 1401 | -.224  | .079  | -.002 | -.592  | 180 | 1516 | -.273  | .120  | .059  | -.849  |
| 180 | 1226 | -.153  | .069  | .172  | -.422  | 180 | 1402 | -.251  | .073  | -.005 | -.619  | 180 | 1517 | -.264  | .193  | .120  | -1.033 |
| 180 | 1227 | -.153  | .061  | .130  | -.402  | 180 | 1403 | -.261  | .074  | -.016 | -.591  | 180 | 1518 | -.424  | .207  | .000  | -1.245 |
| 180 | 1228 | -.157  | .053  | .026  | -.408  | 180 | 1404 | -.265  | .078  | -.062 | -.610  | 180 | 1519 | -.680  | .213  | -.111 | -1.433 |
| 180 | 1229 | -.161  | .074  | .091  | -.418  | 180 | 1405 | -.232  | .080  | -.022 | -.577  | 180 | 1520 | -.238  | .080  | .025  | -.702  |
| 180 | 1230 | -.140  | .065  | .127  | -.343  | 180 | 1406 | -.282  | .085  | -.048 | -.732  | 180 | 1521 | -.052  | .081  | .179  | -.542  |
| 180 | 1231 | -.148  | .065  | .141  | -.432  | 180 | 1407 | -.295  | .097  | -.044 | -.913  | 180 | 1522 | -.141  | .113  | .119  | -1.051 |
| 180 | 1232 | -.149  | .064  | .150  | -.390  | 180 | 1408 | -.248  | .072  | -.018 | -.564  | 180 | 1523 | -.403  | .233  | .181  | -1.416 |
| 180 | 1233 | -.147  | .066  | .109  | -.372  | 180 | 1409 | -.255  | .089  | -.124 | -.781  | 180 | 1524 | -.207  | .072  | .021  | -.554  |
| 180 | 1234 | -.130  | .065  | .157  | -.357  | 180 | 1410 | -.278  | .082  | -.069 | -.716  | 180 | 1525 | -.036  | .069  | .286  | -.395  |
| 180 | 1235 | -.089  | .057  | .222  | -.249  | 180 | 1411 | -.291  | .104  | -.037 | -.872  | 180 | 1526 | -.013  | .070  | .231  | -.246  |
| 180 | 1236 | -.120  | .059  | .191  | -.366  | 180 | 1412 | -.291  | .109  | -.016 | -.755  | 180 | 1527 | -.023  | .146  | .343  | -.734  |
| 180 | 1237 | -.150  | .061  | .177  | -.327  | 180 | 1413 | -.269  | .116  | -.062 | -.905  | 180 | 1528 | -.031  | .057  | .225  | -.221  |
| 180 | 1238 | -.151  | .067  | .242  | -.320  | 180 | 1414 | -.280  | .113  | -.002 | -.872  | 180 | 1529 | -.134  | .102  | .510  | -.546  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 180 | 1530 | .065   | .055  | .286  | -.163 | 180 | 1713 | -.141  | .110  | .280  | -.695 | 180 | 1838 | -.063  | .042  | .132  | -.207 |
| 180 | 1531 | .113   | .056  | .383  | -.033 | 180 | 1714 | -.051  | .052  | .172  | -.270 | 180 | 1839 | -.069  | .067  | .257  | -.246 |
| 180 | 1532 | .125   | .081  | .424  | -.165 | 180 | 1715 | -.065  | .078  | .167  | -.553 | 180 | 1840 | -.074  | .038  | .191  | -.139 |
| 180 | 1601 | -.072  | .076  | .162  | -.342 | 180 | 1716 | -.118  | .122  | .361  | -.611 | 180 | 1841 | -.081  | .043  | .078  | -.311 |
| 180 | 1602 | .091   | .073  | .396  | -.169 | 180 | 1717 | -.147  | .172  | .682  | -.910 | 180 | 1842 | -.123  | .047  | .024  | -.355 |
| 180 | 1603 | .147   | .080  | .490  | -.141 | 180 | 1718 | -.170  | .166  | .569  | -.854 | 180 | 1843 | -.069  | .072  | .349  | -.270 |
| 180 | 1604 | .180   | .087  | .528  | -.252 | 180 | 1719 | -.173  | .161  | .571  | -.792 | 180 | 1844 | -.074  | .035  | .193  | -.077 |
| 180 | 1605 | .237   | .101  | .571  | -.172 | 180 | 1720 | -.130  | .105  | .867  | -.336 | 180 | 1845 | -.075  | .043  | .189  | -.250 |
| 180 | 1606 | .166   | .185  | .665  | -.009 | 180 | 1721 | -.099  | .076  | .306  | -.432 | 180 | 1846 | -.069  | .039  | .170  | -.223 |
| 180 | 1607 | -.062  | .087  | .200  | -.408 | 180 | 1722 | -.081  | .080  | .373  | -.492 | 180 | 1847 | -.055  | .078  | .414  | -.290 |
| 180 | 1608 | .625   | .173  | 1.091 | -.252 | 180 | 1723 | -.046  | .052  | .225  | -.323 | 180 | 1848 | -.020  | .080  | .227  | -.454 |
| 180 | 1609 | .083   | .097  | .254  | -.441 | 180 | 1724 | -.055  | .073  | .212  | -.331 | 180 | 1849 | -.096  | .064  | .239  | -.319 |
| 180 | 1610 | .207   | .102  | .625  | -.119 | 180 | 1725 | -.096  | .091  | .511  | -.180 | 180 | 1850 | -.033  | .050  | .214  | -.205 |
| 180 | 1611 | .417   | .132  | .856  | .040  | 180 | 1801 | -.158  | .127  | .494  | -.523 | 180 | 1851 | -.037  | .029  | .106  | -.142 |
| 180 | 1612 | .490   | .149  | .897  | .038  | 180 | 1802 | -.132  | .166  | .628  | -.598 | 180 | 1851 | -.037  | .029  | .106  | -.142 |
| 180 | 1613 | .531   | .178  | 1.109 | .008  | 180 | 1803 | -.054  | .150  | .514  | -.460 | 180 | 1852 | -.051  | .032  | .091  | -.184 |
| 180 | 1614 | .087   | .098  | .302  | -.484 | 180 | 1804 | -.023  | .077  | .487  | -.282 | 180 | 1853 | -.041  | .037  | .091  | -.211 |
| 180 | 1615 | .172   | .106  | .574  | -.118 | 180 | 1805 | -.111  | .060  | .229  | -.353 | 180 | 1854 | -.032  | .035  | .139  | -.225 |
| 180 | 1616 | .254   | .121  | .670  | -.055 | 180 | 1806 | -.222  | .092  | .126  | -.639 | 180 | 1855 | -.022  | .032  | .080  | -.151 |
| 180 | 1617 | .320   | .145  | .872  | -.076 | 180 | 1807 | -.140  | .071  | .437  | -.101 | 180 | 1856 | -.020  | .033  | .112  | -.148 |
| 180 | 1618 | .293   | .159  | .767  | -.169 | 180 | 1808 | -.110  | .061  | .091  | -.443 | 180 | 1857 | -.048  | .067  | .166  | -.430 |
| 180 | 1619 | .066   | .095  | .490  | -.364 | 180 | 1809 | -.093  | .064  | .126  | -.408 | 180 | 1858 | -.076  | .073  | .153  | -.515 |
| 180 | 1620 | .170   | .093  | .547  | -.144 | 180 | 1810 | -.059  | .082  | .196  | -.552 | 180 | 1859 | -.000  | .000  | .000  | -.000 |
| 180 | 1621 | .218   | .111  | .783  | -.092 | 180 | 1811 | -.054  | .117  | .493  | -.388 | 180 | 1860 | -.065  | .052  | .120  | -.672 |
| 180 | 1622 | .211   | .128  | .786  | -.121 | 180 | 1812 | -.033  | .064  | .300  | -.282 | 180 | 1861 | -.070  | .042  | .101  | -.283 |
| 180 | 1623 | .100   | .133  | .709  | -.244 | 180 | 1813 | -.130  | .049  | .196  | -.302 | 180 | 1862 | -.096  | .046  | .081  | -.263 |
| 180 | 1624 | .128   | .094  | .647  | -.240 | 180 | 1814 | -.187  | .068  | .111  | -.606 | 180 | 1863 | -.046  | .065  | .201  | -.659 |
| 180 | 1625 | .202   | .084  | .645  | -.101 | 180 | 1815 | -.114  | .059  | .366  | -.062 | 180 | 1864 | -.081  | .051  | .105  | -.285 |
| 180 | 1626 | .282   | .075  | .605  | -.048 | 180 | 1816 | -.088  | .049  | .109  | -.291 | 180 | 1865 | -.063  | .040  | .115  | -.204 |
| 180 | 1627 | .142   | .082  | .560  | -.122 | 180 | 1817 | -.074  | .049  | .115  | -.324 | 180 | 1866 | -.086  | .041  | .086  | -.244 |
| 180 | 1628 | .032   | .087  | .465  | -.278 | 180 | 1818 | -.040  | .056  | .218  | -.277 | 180 | 1867 | -.034  | .065  | .390  | -.215 |
| 180 | 1629 | .202   | .088  | .559  | -.076 | 180 | 1819 | -.053  | .103  | .490  | -.300 | 180 | 1868 | -.049  | .044  | .132  | -.225 |
| 180 | 1630 | .028   | .076  | .367  | -.200 | 180 | 1820 | -.014  | .063  | .389  | -.235 | 180 | 1869 | -.046  | .038  | .166  | -.204 |
| 180 | 1631 | .214   | .071  | .524  | -.042 | 180 | 1821 | -.109  | .051  | .110  | -.300 | 180 | 1870 | -.044  | .039  | .165  | -.187 |
| 180 | 1632 | .213   | .068  | .505  | -.053 | 180 | 1822 | -.179  | .089  | .553  | -.218 | 180 | 1871 | -.063  | .041  | .094  | -.189 |
| 180 | 1633 | .183   | .068  | .500  | -.019 | 180 | 1823 | -.103  | .056  | .142  | -.377 | 180 | 1872 | -.073  | .042  | .088  | -.227 |
| 180 | 1634 | .097   | .073  | .496  | -.119 | 180 | 1824 | -.070  | .049  | .248  | -.146 | 180 | 1873 | -.090  | .044  | .103  | -.230 |
| 180 | 1635 | .058   | .071  | .402  | -.177 | 180 | 1825 | -.059  | .048  | .178  | -.204 | 180 | 2101 | -.216  | .077  | .038  | -.617 |
| 180 | 1701 | .108   | .051  | .287  | -.096 | 180 | 1826 | -.042  | .055  | .199  | -.207 | 180 | 2102 | -.219  | .086  | .030  | -.847 |
| 180 | 1702 | -.087  | .060  | .150  | -.261 | 180 | 1827 | -.129  | .114  | .432  | -.493 | 180 | 2103 | -.215  | .078  | -.019 | -.558 |
| 180 | 1703 | .120   | .052  | .077  | -.311 | 180 | 1828 | -.013  | .057  | .184  | -.407 | 180 | 2104 | -.213  | .080  | -.023 | -.641 |
| 180 | 1704 | .051   | .110  | .587  | -.397 | 180 | 1829 | -.106  | .045  | .096  | -.317 | 180 | 2105 | -.229  | .082  | -.017 | -.656 |
| 180 | 1705 | .016   | .096  | .332  | -.445 | 180 | 1830 | -.173  | .077  | .086  | -.541 | 180 | 2106 | -.195  | .068  | -.010 | -.588 |
| 180 | 1706 | -.028  | .072  | .287  | -.278 | 180 | 1831 | -.094  | .047  | .072  | -.279 | 180 | 2107 | -.221  | .077  | -.012 | -.585 |
| 180 | 1707 | .097   | .059  | .177  | -.436 | 180 | 1832 | -.073  | .048  | .328  | -.137 | 180 | 2108 | -.192  | .067  | -.005 | -.500 |
| 180 | 1708 | -.059  | .070  | .324  | -.541 | 180 | 1833 | -.064  | .041  | .113  | -.239 | 180 | 2109 | -.223  | .080  | -.012 | -.574 |
| 180 | 1709 | -.021  | .066  | .275  | -.266 | 180 | 1834 | -.063  | .041  | .106  | -.196 | 180 | 2110 | -.192  | .075  | -.005 | -.659 |
| 180 | 1710 | .035   | .077  | .366  | -.329 | 180 | 1835 | -.076  | .093  | .299  | -.390 | 180 | 2111 | -.200  | .077  | -.019 | -.648 |
| 180 | 1711 | -.080  | .106  | .538  | -.548 | 180 | 1836 | -.088  | .046  | .240  | -.163 | 180 | 2112 | -.200  | .082  | -.002 | -.843 |
| 180 | 1712 | .073   | .100  | .450  | -.656 | 180 | 1837 | -.041  | .041  | .146  | -.206 | 180 | 2113 | -.215  | .088  | .005  | -.729 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| UD  | TAP  | CPMEAN | CPRMS | CPHAX | CPHIN   | UD  | TAP  | CPMEAN | CPRMS | CPHAX | CPHIN  | UD  | TAP  | CPMEAN | CPRMS | CPHAX | CPHIN  |
|-----|------|--------|-------|-------|---------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 180 | 2114 | .187   | .071  | .005  | -.661   | 180 | 2234 | .049   | .086  | .428  | -.246  | 180 | 2410 | -.051  | .139  | .614  | -.791  |
| 180 | 2115 | -.195  | .071  | .024  | -.648   | 180 | 2235 | .132   | .127  | .716  | -.179  | 180 | 2411 | -.034  | .120  | .453  | -.353  |
| 180 | 2116 | -.193  | .074  | .014  | -.700   | 180 | 2236 | .081   | .119  | .582  | -.250  | 180 | 2412 | -.051  | .116  | .477  | -.377  |
| 180 | 2117 | -.205  | .080  | -.024 | -.734   | 180 | 2237 | -.022  | .118  | .350  | -.803  | 180 | 2413 | -.115  | .106  | .346  | -.571  |
| 180 | 2118 | -.183  | .062  | -.019 | -.542   | 180 | 2238 | .012   | .107  | .332  | -.577  | 180 | 2414 | -.166  | .139  | .207  | -.976  |
| 180 | 2119 | -.192  | .061  | -.005 | -.532   | 180 | 2239 | .061   | .100  | .462  | -.282  | 180 | 2415 | -.137  | .124  | .233  | -.891  |
| 180 | 2120 | -.188  | .059  | -.027 | -.476   | 180 | 2240 | .113   | .135  | .638  | -.200  | 180 | 2416 | -.122  | .106  | .282  | -.622  |
| 180 | 2121 | -.198  | .056  | -.040 | -.490   | 180 | 2241 | .020   | .091  | .341  | -.350  | 180 | 2417 | -.113  | .096  | .438  | -.481  |
| 180 | 2122 | -.155  | .044  | -.016 | -.334   | 180 | 2242 | .024   | .091  | .310  | -.308  | 180 | 2418 | -.156  | .087  | .305  | -.460  |
| 180 | 2123 | -.190  | .051  | -.025 | -.394   | 180 | 2301 | -.096  | .134  | .509  | -.549  | 180 | 2419 | -.231  | .118  | .152  | -.989  |
| 180 | 2124 | -.243  | .064  | .081  | .514    | 180 | 2302 | -.049  | .166  | .629  | -.751  | 180 | 2420 | -.215  | .115  | .158  | -.722  |
| 180 | 2125 | -.350  | .120  | .092  | -.984   | 180 | 2303 | -.061  | .180  | .577  | -.929  | 180 | 2421 | -.166  | .078  | .216  | -.466  |
| 180 | 2126 | -.136  | .041  | -.000 | -.287   | 180 | 2304 | -.078  | .243  | .750  | -1.379 | 180 | 2422 | -.157  | .071  | .240  | -.414  |
| 180 | 2127 | -.142  | .042  | -.005 | -.289   | 180 | 2305 | -.070  | .196  | .660  | -.748  | 180 | 2423 | -.167  | .061  | .198  | -.426  |
| 180 | 2128 | -.155  | .055  | -.126 | -.328   | 180 | 2306 | -.081  | .160  | .684  | -.621  | 180 | 2424 | -.217  | .087  | .011  | -.818  |
| 180 | 2129 | -.280  | .095  | -.056 | -.801   | 180 | 2307 | -.095  | .207  | .710  | -1.263 | 180 | 2425 | -.209  | .080  | .013  | -.722  |
| 180 | 2130 | -.134  | .048  | .058  | -.282   | 180 | 2308 | -.141  | .123  | .388  | -.481  | 180 | 2426 | -.197  | .075  | .070  | -.571  |
| 180 | 2201 | -.188  | .075  | .015  | -.529   | 180 | 2309 | -.115  | .233  | .675  | -1.083 | 180 | 2427 | -.162  | .059  | .074  | -.405  |
| 180 | 2202 | -.167  | .097  | .092  | -.671   | 180 | 2310 | -.122  | .114  | .388  | -.512  | 180 | 2428 | -.159  | .047  | .080  | -.364  |
| 180 | 2203 | -.177  | .098  | .097  | -.724   | 180 | 2311 | -.056  | .124  | .455  | -.598  | 180 | 2429 | -.183  | .092  | .051  | -.763  |
| 180 | 2204 | -.190  | .124  | .109  | -.946   | 180 | 2312 | -.070  | .138  | .488  | -.781  | 180 | 2430 | -.137  | .039  | -.024 | -.335  |
| 180 | 2205 | -.244  | .158  | .141  | -.1.323 | 180 | 2313 | -.113  | .174  | .483  | -1.297 | 180 | 2431 | -.112  | .054  | .081  | -.388  |
| 180 | 2206 | -.286  | .170  | .087  | -.1.427 | 180 | 2314 | -.053  | .121  | .490  | -.488  | 180 | 2432 | -.100  | .041  | .119  | -.289  |
| 180 | 2207 | -.186  | .066  | .043  | -.577   | 180 | 2315 | -.017  | .116  | .584  | -.343  | 180 | 2433 | -.096  | .042  | .064  | -.274  |
| 180 | 2208 | -.301  | .160  | .333  | -.1.108 | 180 | 2316 | -.024  | .111  | .527  | -.503  | 180 | 2434 | -.120  | .043  | .050  | -.316  |
| 180 | 2209 | -.173  | .061  | .041  | -.432   | 180 | 2317 | -.065  | .107  | .355  | -.831  | 180 | 2435 | -.076  | .044  | .098  | -.219  |
| 180 | 2210 | -.138  | .065  | .116  | -.432   | 180 | 2318 | -.043  | .123  | .534  | -.409  | 180 | 2501 | -.319  | .172  | .158  | -1.260 |
| 180 | 2211 | -.144  | .079  | .171  | -.524   | 180 | 2319 | .060   | .113  | .477  | -.384  | 180 | 2502 | -.229  | .100  | .046  | -.820  |
| 180 | 2212 | -.158  | .096  | .214  | -.593   | 180 | 2320 | .045   | .103  | .453  | -.349  | 180 | 2503 | -.242  | .098  | .000  | -.881  |
| 180 | 2213 | -.132  | .132  | .262  | -.1.046 | 180 | 2321 | -.038  | .077  | .318  | -.464  | 180 | 2504 | -.216  | .138  | .212  | -1.001 |
| 180 | 2214 | -.151  | .055  | .024  | -.423   | 180 | 2322 | .171   | .120  | .684  | -.094  | 180 | 2505 | -.164  | .089  | .165  | -.557  |
| 180 | 2215 | -.122  | .062  | .099  | -.598   | 180 | 2323 | .167   | .111  | .717  | -.086  | 180 | 2506 | -.201  | .097  | .132  | -.766  |
| 180 | 2216 | -.104  | .073  | .163  | -.554   | 180 | 2324 | .130   | .099  | .618  | -.108  | 180 | 2507 | -.201  | .085  | .019  | -.723  |
| 180 | 2217 | -.098  | .094  | .282  | -.711   | 180 | 2325 | .029   | .079  | .340  | -.199  | 180 | 2508 | -.239  | .108  | .038  | -.873  |
| 180 | 2218 | -.123  | .120  | .290  | -.717   | 180 | 2326 | .166   | .094  | .575  | -.102  | 180 | 2509 | -.190  | .086  | .149  | -.717  |
| 180 | 2219 | -.143  | .049  | .041  | -.355   | 180 | 2327 | .134   | .078  | .517  | -.076  | 180 | 2510 | -.362  | .194  | .204  | -1.419 |
| 180 | 2220 | -.088  | .059  | .192  | -.338   | 180 | 2328 | .037   | .077  | .384  | -.193  | 180 | 2511 | -.202  | .073  | .035  | -.686  |
| 180 | 2221 | -.043  | .077  | .194  | -.454   | 180 | 2329 | .001   | .074  | .363  | -.233  | 180 | 2512 | -.327  | .171  | .179  | -1.186 |
| 180 | 2222 | -.019  | .090  | .273  | -.563   | 180 | 2330 | -.004  | .058  | .272  | -.255  | 180 | 2513 | -.224  | .102  | .065  | -.785  |
| 180 | 2223 | -.026  | .115  | .417  | -.656   | 180 | 2331 | -.034  | .059  | .248  | -.305  | 180 | 2514 | -.160  | .094  | .130  | -.794  |
| 180 | 2224 | -.164  | .052  | .114  | -.360   | 180 | 2332 | -.004  | .050  | .271  | -.167  | 180 | 2515 | -.194  | .060  | -.016 | -.565  |
| 180 | 2225 | -.058  | .068  | .369  | -.337   | 180 | 2401 | .025   | .218  | .018  | -1.128 | 180 | 2516 | -.271  | .113  | .087  | -.979  |
| 180 | 2226 | -.028  | .076  | .362  | -.442   | 180 | 2402 | .018   | .190  | .743  | -.980  | 180 | 2517 | -.204  | .079  | .030  | -.717  |
| 180 | 2227 | -.039  | .079  | .384  | -.210   | 180 | 2403 | .018   | .180  | .610  | -.743  | 180 | 2518 | -.166  | .075  | .208  | -.648  |
| 180 | 2228 | -.076  | .097  | .489  | -.267   | 180 | 2404 | .019   | .177  | .735  | -.575  | 180 | 2519 | -.184  | .054  | -.002 | -.518  |
| 180 | 2229 | -.104  | .074  | .211  | -.354   | 180 | 2405 | .010   | .169  | .639  | -.626  | 180 | 2520 | -.219  | .070  | .052  | -.626  |
| 180 | 2230 | -.014  | .107  | .418  | -.476   | 180 | 2406 | -.057  | .135  | .492  | -.614  | 180 | 2521 | -.186  | .053  | .014  | -.515  |
| 180 | 2231 | -.029  | .111  | .401  | -.661   | 180 | 2407 | -.015  | .218  | .820  | -1.008 | 180 | 2522 | -.171  | .052  | .100  | -.408  |
| 180 | 2232 | -.040  | .105  | .377  | -.681   | 180 | 2408 | -.065  | .098  | .319  | -.388  | 180 | 2523 | -.168  | .041  | -.009 | -.432  |
| 180 | 2233 | -.011  | .081  | .345  | -.252   | 180 | 2409 | -.081  | .147  | .588  | -.808  | 180 | 2524 | -.187  | .046  | -.068 | -.388  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|-----|-------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 180 | 23525 | -.166  | .041  | -.058 | -.409  | 180 | 2708 | -.147  | .110  | .207  | -1.074 | 180 | 2833 | -.098  | .047  | .095  | -.284 |
| 180 | 23526 | -.159  | .041  | -.016 | -.350  | 180 | 2709 | -.208  | .075  | .068  | -.510  | 180 | 2834 | -.162  | .075  | .058  | -.515 |
| 180 | 23527 | -.154  | .038  | -.019 | -.328  | 180 | 2710 | -.163  | .067  | .159  | -.398  | 180 | 2835 | -.160  | .050  | -.019 | -.370 |
| 180 | 23528 | -.179  | .046  | -.033 | -.379  | 180 | 2711 | -.161  | .098  | .685  | -.154  | 180 | 2836 | -.220  | .065  | .491  | .018  |
| 180 | 23529 | -.155  | .046  | -.039 | -.311  | 180 | 2712 | -.026  | .068  | .222  | -.339  | 180 | 2837 | -.060  | .035  | .084  | -.186 |
| 180 | 23530 | -.168  | .047  | -.044 | -.445  | 180 | 2713 | -.079  | .061  | .122  | -.451  | 180 | 2838 | -.167  | .077  | .018  | -.531 |
| 180 | 23531 | -.014  | .054  | -.181 | -.164  | 180 | 2714 | -.111  | .088  | .268  | -.454  | 180 | 2839 | -.152  | .043  | -.014 | -.338 |
| 180 | 23532 | -.155  | .046  | -.024 | -.421  | 180 | 2715 | -.174  | .056  | .472  | -.007  | 180 | 2840 | -.164  | .049  | .378  | .002  |
| 180 | 2601  | -.281  | .120  | -.023 | -1.012 | 180 | 2716 | -.249  | .085  | .037  | -.580  | 180 | 2841 | -.089  | .042  | .079  | -.212 |
| 180 | 2602  | -.249  | .098  | -.002 | .815   | 180 | 2717 | -.003  | .072  | .300  | -.217  | 180 | 2842 | -.124  | .050  | .060  | -.306 |
| 180 | 2603  | -.225  | .087  | -.000 | .637   | 180 | 2718 | -.032  | .067  | .281  | -.276  | 180 | 2843 | -.126  | .042  | .026  | -.289 |
| 180 | 2604  | -.221  | .075  | .021  | .546   | 180 | 2719 | -.062  | .076  | .286  | -.342  | 180 | 2844 | -.155  | .049  | .303  | .007  |
| 180 | 2605  | -.204  | .068  | -.005 | .587   | 180 | 2720 | -.029  | .088  | .235  | -.461  | 180 | 2845 | -.086  | .043  | .051  | -.224 |
| 180 | 2606  | -.201  | .072  | -.016 | .530   | 180 | 2721 | -.009  | .087  | .439  | -.256  | 180 | 2846 | -.127  | .042  | .018  | -.255 |
| 180 | 2607  | -.243  | .094  | -.021 | .958   | 180 | 2722 | -.007  | .074  | .336  | -.340  | 180 | 2847 | -.137  | .048  | .012  | -.307 |
| 180 | 2608  | -.200  | .069  | -.012 | .501   | 180 | 2723 | -.087  | .089  | .328  | -.666  | 180 | 2848 | -.140  | .046  | .332  | .017  |
| 180 | 2609  | -.221  | .072  | -.035 | .592   | 180 | 2724 | -.164  | .053  | .420  | -.050  | 180 | 2849 | -.131  | .042  | .021  | -.312 |
| 180 | 2610  | -.221  | .075  | -.028 | .539   | 180 | 2725 | -.153  | .052  | .048  | -.413  | 180 | 2850 | -.107  | .045  | .115  | -.308 |
| 180 | 2611  | -.197  | .065  | -.000 | .590   | 180 | 2801 | -.120  | .042  | .016  | -.260  | 180 | 2851 | -.105  | .037  | .013  | -.238 |
| 180 | 2612  | -.192  | .057  | -.014 | .565   | 180 | 2802 | -.146  | .043  | -.012 | -.305  | 180 | 2852 | -.085  | .034  | .035  | -.210 |
| 180 | 2613  | -.182  | .061  | -.033 | .485   | 180 | 2803 | -.148  | .045  | .330  | -.018  | 180 | 2853 | -.039  | .034  | .124  | -.155 |
| 180 | 2614  | -.212  | .070  | -.025 | .702   | 180 | 2804 | -.308  | .109  | -.044 | -.817  | 180 | 2854 | -.059  | .034  | .099  | -.177 |
| 180 | 2615  | -.199  | .068  | -.028 | .718   | 180 | 2805 | -.354  | .136  | -.044 | -.973  | 180 | 2855 | -.058  | .037  | .079  | -.183 |
| 180 | 2616  | -.200  | .063  | -.026 | .607   | 180 | 2806 | -.212  | .083  | -.028 | -.782  | 180 | 2856 | -.102  | .034  | .013  | -.216 |
| 180 | 2617  | -.173  | .050  | -.023 | .527   | 180 | 2807 | -.086  | .059  | .456  | -.112  | 180 | 2857 | -.104  | .055  | .188  | -.319 |
| 180 | 2618  | -.168  | .047  | -.023 | .593   | 180 | 2808 | -.086  | .065  | .122  | -.358  | 180 | 2858 | -.069  | .090  | .254  | -.528 |
| 180 | 2619  | -.172  | .044  | -.019 | .490   | 180 | 2809 | -.154  | .071  | .094  | -.442  | 180 | 2859 | -.083  | .100  | .500  | -.229 |
| 180 | 2620  | -.175  | .041  | -.040 | .520   | 180 | 2810 | -.179  | .061  | .009  | -.556  | 180 | 2860 | -.096  | .115  | .642  | -.236 |
| 180 | 2621  | -.159  | .034  | -.009 | .397   | 180 | 2811 | -.162  | .048  | .342  | -.009  | 180 | 2861 | -.129  | .111  | .592  | -.173 |
| 180 | 2622  | -.159  | .035  | -.030 | .306   | 180 | 2812 | -.261  | .074  | -.025 | -.704  | 180 | 2862 | -.053  | .097  | .431  | -.325 |
| 180 | 2623  | -.152  | .039  | -.026 | .397   | 180 | 2813 | -.324  | .112  | -.053 | -.858  | 180 | 2863 | -.134  | .050  | .129  | -.349 |
| 180 | 2624  | -.162  | .037  | -.035 | .348   | 180 | 2814 | -.190  | .056  | -.012 | -.540  | 180 | 2864 | -.083  | .065  | .293  | -.412 |
| 180 | 2625  | -.153  | .035  | -.051 | .381   | 180 | 2815 | -.086  | .045  | .289  | -.103  | 180 | 2865 | -.061  | .073  | .496  | -.133 |
| 180 | 2626  | -.156  | .034  | -.051 | .343   | 180 | 2816 | -.067  | .050  | .102  | -.356  | 180 | 2866 | -.024  | .073  | .402  | -.192 |
| 180 | 2627  | -.143  | .035  | -.002 | .304   | 180 | 2817 | -.122  | .069  | .117  | -.476  | 180 | 2867 | -.111  | .043  | .083  | -.288 |
| 180 | 2628  | -.149  | .039  | -.038 | .282   | 180 | 2818 | -.187  | .075  | -.026 | -.743  | 180 | 2868 | -.056  | .059  | .340  | -.322 |
| 180 | 2629  | -.151  | .041  | -.016 | .381   | 180 | 2819 | -.161  | .047  | .365  | -.011  | 180 | 2869 | -.076  | .069  | .393  | -.118 |
| 180 | 2630  | -.148  | .048  | -.014 | .380   | 180 | 2820 | -.178  | .053  | -.012 | -.360  | 180 | 2870 | -.063  | .073  | .429  | -.179 |
| 180 | 2631  | -.135  | .034  | -.016 | .293   | 180 | 2821 | -.302  | .111  | -.030 | -.856  | 180 | 2871 | -.080  | .076  | .480  | -.098 |
| 180 | 2632  | -.140  | .035  | -.009 | .339   | 180 | 2822 | -.184  | .056  | .479  | -.014  | 180 | 2872 | -.058  | .078  | .430  | -.194 |
| 180 | 2633  | -.128  | .041  | -.007 | .337   | 180 | 2823 | -.090  | .045  | .063  | -.249  | 180 | 2873 | -.053  | .088  | .336  | -.271 |
| 180 | 2634  | -.150  | .052  | -.009 | .502   | 180 | 2824 | -.073  | .044  | .284  | -.101  | 195 | 101  | -.498  | .110  | -.172 | -.911 |
| 180 | 2635  | -.139  | .049  | -.102 | .346   | 180 | 2825 | -.104  | .068  | .185  | -.427  | 195 | 102  | -.276  | .068  | -.029 | -.553 |
| 180 | 2701  | -.078  | .086  | .128  | .454   | 180 | 2826 | -.164  | .079  | .028  | -.639  | 195 | 103  | -.185  | .059  | .004  | -.461 |
| 180 | 2702  | -.117  | .064  | .208  | .356   | 180 | 2827 | -.150  | .046  | -.005 | -.375  | 195 | 104  | -.207  | .077  | -.049 | -.479 |
| 180 | 2703  | -.013  | .082  | .430  | .225   | 180 | 2828 | -.158  | .052  | .374  | -.007  | 195 | 105  | -.342  | .078  | -.025 | -.643 |
| 180 | 2704  | -.156  | .099  | .210  | .738   | 180 | 2829 | -.230  | .076  | .009  | -.593  | 195 | 106  | -.425  | .097  | -.043 | -.929 |
| 180 | 2705  | -.138  | .090  | .589  | .222   | 180 | 2830 | -.141  | .049  | .127  | -.338  | 195 | 107  | -.650  | .095  | -.333 | -.011 |
| 180 | 2706  | -.145  | .120  | .316  | -.032  | 180 | 2831 | -.095  | .044  | .172  | -.237  | 195 | 108  | -.731  | .122  | -.314 | -.204 |
| 180 | 2707  | -.102  | .091  | .240  | -.491  | 180 | 2832 | -.086  | .042  | .232  | -.060  |     |      |        |       |       |       |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|
| 1955 | 109  | 912    | 266   | 386   | 050   | 1955 | 1205 | 432    | 122   | 029   | 063   | 1955 | 1313 | 240    | 073   | 007   | 569   |
| 1955 | 110  | 669    | 137   | 083   | 085   | 1955 | 1206 | 353    | 097   | 031   | 719   | 1955 | 1314 | 347    | 103   | 024   | 844   |
| 1955 | 111  | 465    | 098   | 076   | 755   | 1955 | 1207 | 419    | 119   | 163   | 954   | 1955 | 1315 | 299    | 080   | 007   | 770   |
| 1955 | 112  | 285    | 081   | 000   | 570   | 1955 | 1208 | 358    | 092   | 036   | 798   | 1955 | 1316 | 282    | 078   | 054   | 658   |
| 1955 | 201  | 287    | 120   | 000   | 683   | 1955 | 1209 | 393    | 115   | 139   | 038   | 1955 | 1317 | 228    | 075   | 009   | 767   |
| 1955 | 202  | 282    | 153   | 045   | 057   | 1955 | 1210 | 386    | 116   | 131   | 951   | 1955 | 1318 | 311    | 081   | 047   | 709   |
| 1955 | 203  | 520    | 199   | 000   | 257   | 1955 | 1211 | 401    | 112   | 087   | 929   | 1955 | 1319 | 312    | 075   | 090   | 637   |
| 1955 | 204  | 408    | 189   | 028   | 099   | 1955 | 1212 | 401    | 106   | 047   | 078   | 1955 | 1320 | 306    | 072   | 080   | 644   |
| 1955 | 205  | 179    | 088   | 028   | 815   | 1955 | 1213 | 439    | 135   | 058   | 002   | 1955 | 1321 | 270    | 068   | 061   | 589   |
| 1955 | 206  | 199    | 143   | 080   | 850   | 1955 | 1214 | 420    | 132   | 138   | 171   | 1955 | 1322 | 296    | 066   | 085   | 615   |
| 1955 | 207  | 036    | 059   | 179   | 331   | 1955 | 1215 | 434    | 136   | 134   | 240   | 1955 | 1323 | 295    | 061   | 123   | 543   |
| 1955 | 208  | 117    | 048   | 049   | 304   | 1955 | 1216 | 434    | 135   | 090   | 227   | 1955 | 1324 | 281    | 054   | 133   | 489   |
| 1955 | 209  | 106    | 060   | 157   | 408   | 1955 | 1217 | 397    | 120   | 009   | 935   | 1955 | 1325 | 243    | 058   | 030   | 501   |
| 1955 | 210  | 147    | 038   | 012   | 358   | 1955 | 1218 | 401    | 148   | 009   | 122   | 1955 | 1326 | 289    | 060   | 099   | 537   |
| 1955 | 211  | 180    | 047   | 005   | 458   | 1955 | 1219 | 483    | 132   | 134   | 280   | 1955 | 1327 | 269    | 051   | 120   | 470   |
| 1955 | 212  | 419    | 107   | 103   | 516   | 1955 | 1220 | 453    | 131   | 097   | 353   | 1955 | 1328 | 271    | 048   | 123   | 451   |
| 1955 | 1101 | 705    | 224   | 133   | 558   | 1955 | 1221 | 384    | 112   | 072   | 831   | 1955 | 1329 | 239    | 057   | 030   | 469   |
| 1955 | 1102 | 299    | 207   | 030   | 050   | 1955 | 1222 | 349    | 101   | 022   | 715   | 1955 | 1330 | 263    | 055   | 104   | 470   |
| 1955 | 1103 | 072    | 062   | 133   | 335   | 1955 | 1223 | 331    | 091   | 083   | 699   | 1955 | 1331 | 277    | 056   | 123   | 484   |
| 1955 | 1104 | 191    | 061   | 013   | 471   | 1955 | 1224 | 402    | 139   | 020   | 263   | 1955 | 1332 | 231    | 041   | 064   | 389   |
| 1955 | 1105 | 251    | 108   | 136   | 896   | 1955 | 1225 | 300    | 086   | 002   | 226   | 1955 | 1401 | 305    | 090   | 020   | 808   |
| 1955 | 1106 | 306    | 299   | 235   | 252   | 1955 | 1226 | 277    | 073   | 027   | 581   | 1955 | 1402 | 330    | 082   | 076   | 792   |
| 1955 | 1107 | 044    | 068   | 173   | 315   | 1955 | 1227 | 281    | 065   | 029   | 590   | 1955 | 1403 | 335    | 078   | 059   | 744   |
| 1955 | 1108 | 555    | 236   | 499   | 211   | 1955 | 1228 | 292    | 065   | 029   | 550   | 1955 | 1404 | 332    | 079   | 050   | 835   |
| 1955 | 1109 | 212    | 075   | 031   | 558   | 1955 | 1229 | 246    | 083   | 061   | 699   | 1955 | 1405 | 289    | 077   | 034   | 717   |
| 1955 | 1110 | 333    | 233   | 564   | 407   | 1955 | 1230 | 238    | 067   | 009   | 528   | 1955 | 1406 | 350    | 085   | 099   | 752   |
| 1955 | 1111 | 303    | 200   | 391   | 240   | 1955 | 1231 | 250    | 062   | 040   | 455   | 1955 | 1407 | 346    | 089   | 057   | 923   |
| 1955 | 1112 | 032    | 208   | 421   | 000   | 1955 | 1232 | 253    | 063   | 025   | 323   | 1955 | 1408 | 284    | 066   | 078   | 614   |
| 1955 | 1113 | 212    | 077   | 058   | 549   | 1955 | 1233 | 258    | 065   | 027   | 337   | 1955 | 1409 | 307    | 112   | 048   | 008   |
| 1955 | 1114 | 573    | 257   | 462   | 651   | 1955 | 1234 | 250    | 068   | 071   | 494   | 1955 | 1410 | 321    | 090   | 028   | 849   |
| 1955 | 1115 | 363    | 345   | 357   | 375   | 1955 | 1235 | 170    | 058   | 082   | 360   | 1955 | 1411 | 303    | 081   | 026   | 689   |
| 1955 | 1116 | 152    | 274   | 392   | 220   | 1955 | 1236 | 199    | 059   | 066   | 388   | 1955 | 1412 | 295    | 080   | 017   | 727   |
| 1955 | 1117 | 285    | 122   | 011   | 978   | 1955 | 1237 | 247    | 060   | 000   | 444   | 1955 | 1413 | 257    | 077   | 050   | 642   |
| 1955 | 1118 | 547    | 209   | 330   | 405   | 1955 | 1238 | 257    | 063   | 002   | 493   | 1955 | 1414 | 334    | 125   | 052   | 078   |
| 1955 | 1119 | 447    | 233   | 325   | 344   | 1955 | 1239 | 267    | 063   | 357   | 421   | 1955 | 1415 | 326    | 089   | 087   | 833   |
| 1955 | 1120 | 314    | 228   | 207   | 131   | 1955 | 1240 | 269    | 053   | 017   | 399   | 1955 | 1416 | 313    | 083   | 045   | 831   |
| 1955 | 1121 | 373    | 135   | 007   | 994   | 1955 | 1241 | 330    | 050   | 092   | 458   | 1955 | 1417 | 242    | 074   | 069   | 573   |
| 1955 | 1122 | 482    | 217   | 197   | 472   | 1955 | 1242 | 251    | 063   | 283   | 463   | 1955 | 1418 | 275    | 078   | 014   | 626   |
| 1955 | 1123 | 416    | 221   | 168   | 398   | 1955 | 1301 | 303    | 095   | 032   | 749   | 1955 | 1419 | 366    | 103   | 120   | 001   |
| 1955 | 1124 | 336    | 186   | 180   | 101   | 1955 | 1302 | 344    | 099   | 052   | 938   | 1955 | 1420 | 363    | 097   | 123   | 015   |
| 1955 | 1125 | 323    | 118   | 017   | 981   | 1955 | 1303 | 358    | 103   | 066   | 855   | 1955 | 1421 | 315    | 094   | 089   | 712   |
| 1955 | 1126 | 324    | 199   | 311   | 286   | 1955 | 1304 | 352    | 097   | 090   | 902   | 1955 | 1422 | 348    | 100   | 104   | 846   |
| 1955 | 1127 | 294    | 193   | 353   | 103   | 1955 | 1305 | 399    | 141   | 093   | 092   | 1955 | 1423 | 362    | 102   | 116   | 812   |
| 1955 | 1128 | 197    | 172   | 257   | 828   | 1955 | 1306 | 349    | 096   | 069   | 891   | 1955 | 1424 | 292    | 071   | 040   | 717   |
| 1955 | 1129 | 206    | 135   | 277   | 860   | 1955 | 1307 | 300    | 084   | 094   | 734   | 1955 | 1425 | 270    | 081   | 002   | 687   |
| 1955 | 1130 | 112    | 136   | 302   | 665   | 1955 | 1308 | 246    | 085   | 061   | 649   | 1955 | 1426 | 345    | 095   | 061   | 773   |
| 1955 | 1201 | 460    | 117   | 162   | 946   | 1955 | 1309 | 293    | 084   | 036   | 669   | 1955 | 1427 | 436    | 109   | 132   | 907   |
| 1955 | 1202 | 431    | 125   | 134   | 986   | 1955 | 1310 | 353    | 094   | 040   | 799   | 1955 | 1428 | 458    | 120   | 142   | 982   |
| 1955 | 1203 | 455    | 134   | 156   | 086   | 1955 | 1311 | 308    | 070   | 068   | 600   | 1955 | 1429 | 209    | 046   | 041   | 423   |
| 1955 | 1204 | 450    | 132   | 115   | 042   | 1955 | 1312 | 294    | 068   | 071   | 599   | 1955 | 1430 | 521    | 171   | 132   | 213   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| UD  | TAP  | CPNEAN | CPNRS | CPNAX  | CPNIN  |
|-----|------|--------|-------|--------|--------|
| 195 | 1431 | .223   | .039  | .045   | .366   |
| 195 | 1432 | .208   | .043  | .038   | .411   |
| 195 | 1433 | .167   | .054  | .034   | .407   |
| 195 | 1434 | .304   | .085  | .057   | .586   |
| 195 | 1435 | .382   | .084  | .047   | .692   |
| 195 | 1501 | .319   | .081  | .057   | .760   |
| 195 | 1502 | .260   | .114  | .034   | .847   |
| 195 | 1503 | .430   | .184  | .228   | .995   |
| 195 | 1504 | .520   | .103  | .151   | .839   |
| 195 | 1505 | .592   | .093  | .265   | .961   |
| 195 | 1506 | .619   | .123  | .292   | .1.047 |
| 195 | 1507 | .880   | .177  | .403   | .1.603 |
| 195 | 1508 | .238   | .130  | .028   | .798   |
| 195 | 1509 | .274   | .164  | .271   | .1.377 |
| 195 | 1510 | .279   | .071  | .067   | .647   |
| 195 | 1511 | .808   | .151  | .334   | .1.362 |
| 195 | 1512 | .280   | .090  | .007   | .741   |
| 195 | 1513 | .317   | .220  | .111   | .1.110 |
| 195 | 1514 | .565   | .243  | .006   | .1.217 |
| 195 | 1515 | .780   | .147  | .347   | .1.438 |
| 195 | 1516 | .233   | .068  | .052   | .697   |
| 195 | 1517 | .162   | .177  | .165   | .1.058 |
| 195 | 1518 | .424   | .260  | .090   | .1.417 |
| 195 | 1519 | .733   | .201  | .095   | .1.810 |
| 195 | 1520 | .237   | .073  | .002   | .629   |
| 195 | 1521 | .034   | .106  | .228   | .620   |
| 195 | 1522 | .163   | .163  | .129   | .968   |
| 195 | 1523 | .581   | .239  | .147   | .1.318 |
| 195 | 1524 | .254   | .072  | .011   | .479   |
| 195 | 1525 | .051   | .073  | .310   | .210   |
| 195 | 1526 | .005   | .074  | .271   | .282   |
| 195 | 1527 | .137   | .203  | .369   | .796   |
| 195 | 1528 | .052   | .056  | .170   | .238   |
| 195 | 1529 | .083   | .117  | .471   | .453   |
| 195 | 1530 | .032   | .050  | .146   | .187   |
| 195 | 1531 | .100   | .060  | .324   | .099   |
| 195 | 1532 | .090   | .102  | .404   | .339   |
| 195 | 1601 | .077   | .069  | .176   | .314   |
| 195 | 1602 | .109   | .088  | .409   | .153   |
| 195 | 1603 | .159   | .094  | .473   | .113   |
| 195 | 1604 | .188   | .100  | .507   | .125   |
| 195 | 1605 | .264   | .114  | .590   | .111   |
| 195 | 1606 | .520   | .194  | .145   | .1.260 |
| 195 | 1607 | .026   | .077  | .256   | .301   |
| 195 | 1608 | .586   | .157  | .1.001 | .1.07  |
| 195 | 1609 | .020   | .085  | .245   | .395   |
| 195 | 1610 | .345   | .131  | .753   | .024   |
| 195 | 1611 | .570   | .131  | .026   | .171   |
| 195 | 1612 | .621   | .144  | .1.134 | .170   |
| 195 | 1613 | .556   | .165  | .1.097 | .061   |

| UD  | TAP  | CPNEAN | CPNRS | CPNAX | CPNIN |
|-----|------|--------|-------|-------|-------|
| 195 | 1614 | .001   | .101  | .366  | .370  |
| 195 | 1615 | .320   | .104  | .681  | .015  |
| 195 | 1616 | .430   | .117  | .769  | .070  |
| 195 | 1617 | .531   | .138  | .978  | .156  |
| 195 | 1618 | .460   | .168  | 1.047 | .099  |
| 195 | 1619 | .077   | .109  | .562  | .275  |
| 195 | 1620 | .328   | .111  | .776  | .046  |
| 195 | 1621 | .432   | .129  | .906  | .095  |
| 195 | 1622 | .409   | .132  | .832  | .045  |
| 195 | 1623 | .253   | .141  | .737  | .193  |
| 195 | 1624 | .166   | .105  | .592  | .144  |
| 195 | 1625 | .290   | .100  | .746  | .037  |
| 195 | 1626 | .295   | .101  | .710  | .011  |
| 195 | 1627 | .241   | .103  | .672  | .061  |
| 195 | 1628 | .102   | .105  | .584  | .288  |
| 195 | 1629 | .203   | .096  | .672  | .030  |
| 195 | 1630 | .110   | .083  | .426  | .138  |
| 195 | 1631 | .280   | .081  | .603  | .065  |
| 195 | 1632 | .299   | .085  | .605  | .087  |
| 195 | 1633 | .289   | .087  | .670  | .059  |
| 195 | 1634 | .231   | .103  | .617  | .045  |
| 195 | 1635 | .191   | .101  | .598  | .100  |
| 195 | 1701 | .201   | .053  | .412  | .020  |
| 195 | 1702 | .147   | .077  | .218  | .375  |
| 195 | 1703 | .217   | .065  | .000  | .589  |
| 195 | 1704 | .008   | .119  | .333  | .426  |
| 195 | 1705 | .050   | .104  | .336  | .420  |
| 195 | 1706 | .006   | .070  | .278  | .254  |
| 195 | 1707 | .113   | .064  | .135  | .406  |
| 195 | 1708 | .007   | .074  | .220  | .506  |
| 195 | 1709 | .035   | .077  | .324  | .297  |
| 195 | 1710 | .010   | .087  | .441  | .369  |
| 195 | 1711 | .064   | .112  | .559  | .345  |
| 195 | 1712 | .038   | .085  | .247  | .470  |
| 195 | 1713 | .161   | .135  | .265  | .706  |
| 195 | 1714 | .024   | .057  | .253  | .200  |
| 195 | 1715 | .191   | .096  | .036  | .637  |
| 195 | 1716 | .171   | .157  | .331  | .761  |
| 195 | 1717 | .342   | .202  | .545  | .918  |
| 195 | 1718 | .385   | .184  | .499  | .897  |
| 195 | 1719 | .375   | .175  | .435  | .885  |
| 195 | 1720 | .187   | .115  | .743  | .197  |
| 195 | 1721 | .102   | .069  | .150  | .415  |
| 195 | 1722 | .077   | .075  | .202  | .465  |
| 195 | 1723 | .024   | .053  | .255  | .160  |
| 195 | 1724 | .193   | .108  | .034  | .709  |
| 195 | 1725 | .260   | .126  | .783  | .051  |
| 195 | 1801 | .218   | .189  | .656  | .775  |
| 195 | 1802 | .150   | .270  | .770  | .932  |
| 195 | 1803 | .128   | .178  | .540  | .698  |

| UD  | TAP  | CPNEAN | CPNRS | CPNAX | CPNIN |
|-----|------|--------|-------|-------|-------|
| 195 | 1804 | .065   | .092  | .633  | .245  |
| 195 | 1805 | .080   | .081  | .299  | .292  |
| 195 | 1806 | .288   | .116  | .142  | .837  |
| 195 | 1807 | .114   | .095  | .475  | .121  |
| 195 | 1808 | .063   | .078  | .196  | .331  |
| 195 | 1809 | .036   | .085  | .355  | .333  |
| 195 | 1810 | .018   | .112  | .439  | .439  |
| 195 | 1811 | .075   | .126  | .449  | .501  |
| 195 | 1812 | .034   | .079  | .424  | .185  |
| 195 | 1813 | .109   | .064  | .196  | .306  |
| 195 | 1814 | .200   | .074  | .095  | .566  |
| 195 | 1815 | .088   | .073  | .403  | .111  |
| 195 | 1816 | .043   | .054  | .170  | .265  |
| 195 | 1817 | .018   | .058  | .238  | .191  |
| 195 | 1818 | .020   | .078  | .357  | .233  |
| 195 | 1819 | .067   | .116  | .392  | .670  |
| 195 | 1820 | .051   | .074  | .508  | .128  |
| 195 | 1821 | .100   | .066  | .207  | .330  |
| 195 | 1822 | .189   | .101  | .611  | .165  |
| 195 | 1823 | .087   | .071  | .244  | .395  |
| 195 | 1824 | .023   | .056  | .215  | .215  |
| 195 | 1825 | .003   | .058  | .307  | .201  |
| 195 | 1826 | .026   | .082  | .389  | .223  |
| 195 | 1827 | .083   | .120  | .422  | .539  |
| 195 | 1828 | .042   | .063  | .134  | .392  |
| 195 | 1829 | .095   | .053  | .152  | .289  |
| 195 | 1830 | .191   | .087  | .049  | .573  |
| 195 | 1831 | .068   | .056  | .129  | .273  |
| 195 | 1832 | .030   | .052  | .247  | .178  |
| 195 | 1833 | .018   | .049  | .181  | .163  |
| 195 | 1834 | .022   | .053  | .254  | .189  |
| 195 | 1835 | .003   | .098  | .462  | .377  |
| 195 | 1836 | .074   | .058  | .293  | .197  |
| 195 | 1837 | .009   | .040  | .157  | .184  |
| 195 | 1838 | .025   | .056  | .229  | .198  |
| 195 | 1839 | .032   | .078  | .269  | .244  |
| 195 | 1840 | .051   | .043  | .202  | .171  |
| 195 | 1841 | .043   | .047  | .154  | .263  |
| 195 | 1842 | .196   | .079  | .031  | .573  |
| 195 | 1843 | .015   | .088  | .419  | .284  |
| 195 | 1844 | .046   | .040  | .165  | .126  |
| 195 | 1845 | .033   | .047  | .188  | .249  |
| 195 | 1846 | .037   | .046  | .178  | .200  |
| 195 | 1847 | .014   | .082  | .459  | .271  |
| 195 | 1848 | .116   | .078  | .251  | .399  |
| 195 | 1849 | .099   | .089  | .305  | .437  |
| 195 | 1850 | .020   | .061  | .429  | .151  |
| 195 | 1851 | .016   | .034  | .155  | .128  |
| 195 | 1852 | .037   | .035  | .115  | .174  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|------|-------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|
| 1955 | 1853  | -.027  | .041  | .172  | -.211  | 1955 | 2130 | -.208  | .078  | .151  | -.511  | 1955 | 2308 | .181   | .121  | .569  | -.291  |
| 1955 | 1854  | -.006  | .033  | .169  | -.142  | 1955 | 2201 | -.224  | .042  | -.089 | -.395  | 1955 | 2309 | .655   | .197  | 1.253 | -.589  |
| 1955 | 1855  | -.006  | .032  | .147  | -.118  | 1955 | 2202 | -.154  | .036  | -.030 | -.299  | 1955 | 2310 | .131   | .138  | .690  | -.416  |
| 1955 | 1856  | -.005  | .035  | .186  | -.123  | 1955 | 2203 | -.156  | .039  | -.021 | -.282  | 1955 | 2311 | .502   | .164  | 1.002 | -.074  |
| 1955 | 1857  | -.073  | .079  | .197  | -.548  | 1955 | 2204 | -.149  | .041  | .007  | -.294  | 1955 | 2312 | .574   | .178  | 1.069 | -.018  |
| 1955 | 1858  | -.097  | .099  | .196  | -.592  | 1955 | 2205 | -.171  | .046  | .021  | -.327  | 1955 | 2313 | .497   | .169  | 1.058 | -.091  |
| 1955 | 1859  | -.000  | .000  | .000  | -.000  | 1955 | 2206 | -.661  | .216  | -.065 | -1.365 | 1955 | 2314 | .097   | .135  | .562  | -.384  |
| 1955 | 1860  | -.091  | .066  | .076  | -.537  | 1955 | 2207 | -.268  | .046  | .122  | -.486  | 1955 | 2315 | .372   | .153  | .894  | -.138  |
| 1955 | 1861  | -.108  | .045  | .032  | -.305  | 1955 | 2208 | -.701  | .192  | -.045 | -1.319 | 1955 | 2316 | .417   | .160  | .928  | -.043  |
| 1955 | 1862  | -.149  | .050  | .010  | -.344  | 1955 | 2209 | -.282  | .045  | .129  | -.507  | 1955 | 2317 | .336   | .168  | .921  | -.155  |
| 1955 | 1863  | -.077  | .081  | .230  | -.483  | 1955 | 2210 | -.182  | .039  | .063  | -.320  | 1955 | 2318 | .030   | .123  | .573  | -.364  |
| 1955 | 1864  | -.131  | .045  | .152  | -.441  | 1955 | 2211 | -.117  | .054  | .092  | -.383  | 1955 | 2319 | .205   | .136  | .749  | -.129  |
| 1955 | 1865  | -.106  | .044  | .069  | -.359  | 1955 | 2212 | -.121  | .109  | .141  | -.645  | 1955 | 2320 | .231   | .149  | .775  | -.199  |
| 1955 | 1866  | -.143  | .042  | .000  | -.314  | 1955 | 2213 | -.638  | .212  | .049  | -1.421 | 1955 | 2321 | .146   | .145  | .673  | -.316  |
| 1955 | 1867  | -.103  | .088  | .428  | -.145  | 1955 | 2214 | -.303  | .061  | -.122 | -.585  | 1955 | 2322 | .087   | .131  | .690  | -.360  |
| 1955 | 1868  | -.075  | .048  | .100  | -.275  | 1955 | 2215 | -.222  | .048  | .049  | -.448  | 1955 | 2323 | .158   | .120  | .696  | -.161  |
| 1955 | 1869  | -.080  | .043  | .071  | -.241  | 1955 | 2216 | -.166  | .050  | .035  | -.454  | 1955 | 2324 | .142   | .118  | .702  | -.121  |
| 1955 | 1870  | -.071  | .047  | .091  | -.241  | 1955 | 2217 | -.140  | .093  | .113  | -.822  | 1955 | 2325 | .049   | .129  | .673  | -.266  |
| 1955 | 1871  | -.097  | .047  | .128  | -.300  | 1955 | 2218 | -.534  | .223  | .122  | -1.347 | 1955 | 2326 | .171   | .100  | .598  | -.216  |
| 1955 | 1872  | -.117  | .046  | .061  | -.301  | 1955 | 2219 | -.346  | .078  | .164  | -.678  | 1955 | 2327 | .178   | .108  | .643  | -.320  |
| 1955 | 1873  | -.145  | .045  | .089  | -.322  | 1955 | 2220 | -.222  | .053  | -.026 | -.419  | 1955 | 2328 | .076   | .119  | .657  | -.233  |
| 1955 | 21101 | -.375  | .099  | .138  | -.992  | 1955 | 2221 | -.130  | .064  | .103  | -.331  | 1955 | 2329 | .018   | .114  | .556  | -.303  |
| 1955 | 21102 | -.400  | .132  | -.167 | -1.145 | 1955 | 2222 | -.107  | .084  | .189  | -.426  | 1955 | 2330 | .010   | .083  | .452  | -.297  |
| 1955 | 21103 | -.334  | .061  | -.144 | -.594  | 1955 | 2223 | -.358  | .220  | .270  | -1.251 | 1955 | 2331 | -.045  | .082  | .428  | -.311  |
| 1955 | 21104 | -.320  | .062  | .131  | -.597  | 1955 | 2224 | -.353  | .088  | .097  | -.681  | 1955 | 2332 | -.020  | .053  | .197  | -.204  |
| 1955 | 21105 | -.457  | .069  | -.225 | -.826  | 1955 | 2225 | -.222  | .076  | .019  | -.630  | 1955 | 2401 | -.238  | .414  | .726  | -1.481 |
| 1955 | 21106 | -.337  | .066  | -.170 | -.652  | 1955 | 2226 | -.165  | .085  | .115  | -.686  | 1955 | 2402 | -.005  | .108  | .499  | -.499  |
| 1955 | 21107 | -.342  | .062  | -.167 | -.592  | 1955 | 2227 | -.059  | .094  | .336  | -.371  | 1955 | 2403 | -.021  | .097  | .440  | -.445  |
| 1955 | 21108 | -.339  | .064  | -.166 | -.692  | 1955 | 2228 | -.097  | .185  | .438  | -.904  | 1955 | 2404 | -.028  | .098  | .412  | -.444  |
| 1955 | 21109 | -.338  | .057  | -.164 | -.566  | 1955 | 2229 | -.289  | .109  | .021  | -.742  | 1955 | 2405 | -.046  | .098  | .421  | -.418  |
| 1955 | 21110 | -.370  | .069  | -.184 | -.808  | 1955 | 2230 | -.169  | .123  | .257  | -.713  | 1955 | 2406 | -.163  | .099  | .292  | -.629  |
| 1955 | 21111 | -.358  | .059  | -.167 | -.672  | 1955 | 2231 | -.192  | .120  | .230  | -.653  | 1955 | 2407 | -.475  | .405  | .898  | -1.730 |
| 1955 | 21112 | -.342  | .057  | -.154 | -.596  | 1955 | 2232 | -.114  | .098  | .306  | -.692  | 1955 | 2408 | -.191  | .073  | .052  | -.585  |
| 1955 | 21113 | -.355  | .062  | -.185 | -.690  | 1955 | 2233 | -.044  | .095  | .277  | -.362  | 1955 | 2409 | -.529  | .291  | .620  | -2.080 |
| 1955 | 21114 | -.433  | .122  | -.188 | -1.074 | 1955 | 2234 | -.005  | .098  | .428  | -.332  | 1955 | 2410 | -.277  | .332  | .418  | -1.490 |
| 1955 | 21115 | -.407  | .058  | -.186 | -.998  | 1955 | 2235 | -.024  | .152  | .803  | -.383  | 1955 | 2411 | -.104  | .087  | .306  | -.544  |
| 1955 | 21116 | -.384  | .092  | -.180 | -.830  | 1955 | 2236 | -.077  | .119  | .425  | -.497  | 1955 | 2412 | -.154  | .072  | .191  | -.437  |
| 1955 | 21117 | -.393  | .085  | -.185 | -.953  | 1955 | 2237 | -.086  | .127  | .403  | -.587  | 1955 | 2413 | -.254  | .078  | .075  | -.668  |
| 1955 | 21118 | -.454  | .138  | -.066 | -1.274 | 1955 | 2238 | -.032  | .113  | .352  | -.589  | 1955 | 2414 | -.550  | .240  | .337  | -1.585 |
| 1955 | 21119 | -.477  | .153  | -.094 | -1.416 | 1955 | 2239 | -.024  | .117  | .440  | -.381  | 1955 | 2415 | -.375  | .261  | .223  | -1.366 |
| 1955 | 21120 | -.476  | .152  | -.173 | -1.265 | 1955 | 2240 | -.035  | .148  | .872  | -.378  | 1955 | 2416 | -.232  | .171  | .168  | -1.134 |
| 1955 | 21121 | -.458  | .136  | -.179 | -1.135 | 1955 | 2241 | -.120  | .111  | .336  | -.481  | 1955 | 2417 | -.205  | .068  | .053  | -.648  |
| 1955 | 21122 | -.311  | .093  | -.031 | -.756  | 1955 | 2242 | -.059  | .106  | .370  | -.397  | 1955 | 2418 | -.303  | .071  | -.043 | -.578  |
| 1955 | 21123 | -.340  | .098  | -.029 | -.748  | 1955 | 2301 | -.199  | .113  | .715  | -.367  | 1955 | 2419 | -.512  | .218  | .276  | -1.373 |
| 1955 | 21124 | -.410  | .112  | -.036 | -.965  | 1955 | 2302 | -.407  | .145  | .874  | -.378  | 1955 | 2420 | -.319  | .204  | .143  | -1.174 |
| 1955 | 21125 | -.583  | .216  | -.148 | -1.537 | 1955 | 2303 | -.407  | .156  | .889  | -.295  | 1955 | 2421 | -.196  | .071  | -.035 | -.688  |
| 1955 | 21126 | -.249  | .077  | -.009 | -.530  | 1955 | 2304 | -.572  | .189  | 1.156 | -.240  | 1955 | 2422 | -.232  | .056  | -.011 | -.616  |
| 1955 | 21127 | -.263  | .075  | .005  | -.545  | 1955 | 2305 | -.082  | .312  | .744  | -.093  | 1955 | 2423 | -.332  | .071  | -.113 | -.693  |
| 1955 | 21128 | -.284  | .083  | .108  | -.554  | 1955 | 2306 | -.454  | .145  | .881  | -.236  | 1955 | 2424 | -.381  | .135  | .173  | -1.107 |
| 1955 | 21129 | -.410  | .121  | -.096 | -.913  | 1955 | 2307 | -.572  | .166  | 1.073 | -.150  | 1955 | 2425 | -.274  | .129  | .093  | -.952  |

## APPENDIX A -- PRESSURE DATA

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|-------|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|-------|
| 1955 | 24226 | -.216  | .089  | -.036 | -.587 | 1955 | 2609 | -.384  | .088  | -.050 | -.842  | 1955 | 2724 | -.241  | .057  | -.525 | -.068 |
| 1955 | 24227 | -.216  | .051  | -.041 | -.431 | 1955 | 2610 | -.386  | .091  | -.082 | -.885  | 1955 | 2725 | -.237  | .062  | -.078 | -.680 |
| 1955 | 24228 | -.292  | .070  | -.105 | -.605 | 1955 | 2611 | -.363  | .076  | -.110 | -.919  | 1955 | 2801 | -.209  | .069  | -.005 | -.513 |
| 1955 | 24239 | -.245  | .114  | -.011 | -.211 | 1955 | 2612 | -.367  | .069  | -.150 | -.660  | 1955 | 2802 | -.240  | .071  | -.026 | -.568 |
| 1955 | 24230 | -.233  | .070  | -.061 | -.462 | 1955 | 2613 | -.358  | .068  | -.184 | -.665  | 1955 | 2803 | -.255  | .079  | -.611 | -.021 |
| 1955 | 24231 | -.136  | .055  | -.136 | -.468 | 1955 | 2614 | -.433  | .109  | -.058 | -.041  | 1955 | 2804 | -.448  | .132  | -.075 | -.147 |
| 1955 | 24232 | -.121  | .047  | -.117 | -.253 | 1955 | 2615 | -.400  | .089  | -.100 | -.881  | 1955 | 2805 | -.631  | .199  | -.131 | -.514 |
| 1955 | 24233 | -.110  | .050  | -.150 | -.257 | 1955 | 2616 | -.400  | .078  | -.138 | -.749  | 1955 | 2806 | -.383  | .119  | -.095 | -.883 |
| 1955 | 24234 | -.160  | .050  | -.054 | -.301 | 1955 | 2617 | -.370  | .067  | -.148 | -.658  | 1955 | 2807 | -.170  | .074  | -.571 | -.056 |
| 1955 | 24235 | -.106  | .060  | -.226 | -.260 | 1955 | 2618 | -.381  | .078  | -.149 | -.909  | 1955 | 2808 | -.147  | .083  | -.139 | -.631 |
| 1955 | 25001 | -.426  | .180  | -.143 | -.659 | 1955 | 2619 | -.445  | .137  | -.098 | -.1263 | 1955 | 2809 | -.216  | .075  | -.066 | -.534 |
| 1955 | 25002 | -.403  | .111  | -.144 | -.188 | 1955 | 2620 | -.438  | .120  | -.165 | -.052  | 1955 | 2810 | -.242  | .060  | -.090 | -.551 |
| 1955 | 25003 | -.427  | .099  | -.179 | -.022 | 1955 | 2621 | -.392  | .089  | -.172 | -.899  | 1955 | 2811 | -.252  | .078  | -.590 | -.035 |
| 1955 | 25004 | -.515  | .146  | -.102 | -.411 | 1955 | 2622 | -.384  | .082  | -.113 | -.880  | 1955 | 2812 | -.383  | .094  | -.125 | -.822 |
| 1955 | 25005 | -.414  | .086  | -.127 | -.971 | 1955 | 2623 | -.390  | .119  | -.093 | -.1366 | 1955 | 2813 | -.558  | .161  | -.164 | -.366 |
| 1955 | 25006 | -.438  | .140  | -.012 | -.122 | 1955 | 2624 | -.356  | .122  | -.022 | -.1312 | 1955 | 2814 | -.323  | .072  | -.090 | -.026 |
| 1955 | 25007 | -.392  | .122  | -.010 | -.984 | 1955 | 2625 | -.348  | .113  | -.072 | -.875  | 1955 | 2815 | -.150  | .053  | -.365 | -.026 |
| 1955 | 25008 | -.419  | .121  | -.124 | -.123 | 1955 | 2626 | -.354  | .111  | -.089 | -.817  | 1955 | 2816 | -.113  | .060  | -.108 | -.351 |
| 1955 | 25009 | -.391  | .110  | -.026 | -.971 | 1955 | 2627 | -.293  | .101  | -.045 | -.817  | 1955 | 2817 | -.208  | .066  | -.040 | -.525 |
| 1955 | 25010 | -.408  | .103  | -.209 | -.010 | 1955 | 2628 | -.292  | .111  | -.029 | -.873  | 1955 | 2818 | -.245  | .060  | -.095 | -.608 |
| 1955 | 25011 | -.371  | .099  | -.014 | -.856 | 1955 | 2629 | -.272  | .086  | -.019 | -.655  | 1955 | 2819 | -.244  | .073  | -.480 | -.040 |
| 1955 | 25012 | -.390  | .087  | -.148 | -.108 | 1955 | 2630 | -.256  | .100  | -.050 | -.623  | 1955 | 2820 | -.285  | .074  | -.066 | -.537 |
| 1955 | 25013 | -.385  | .088  | -.141 | -.091 | 1955 | 2631 | -.221  | .078  | -.062 | -.733  | 1955 | 2821 | -.577  | .199  | -.152 | -.324 |
| 1955 | 25014 | -.413  | .108  | -.012 | -.093 | 1955 | 2632 | -.223  | .100  | -.109 | -.815  | 1955 | 2822 | -.322  | .083  | -.663 | -.066 |
| 1955 | 25015 | -.394  | .107  | -.026 | -.993 | 1955 | 2633 | -.197  | .079  | -.048 | -.516  | 1955 | 2823 | -.157  | .047  | -.062 | -.316 |
| 1955 | 25016 | -.420  | .096  | -.133 | -.863 | 1955 | 2634 | -.239  | .110  | -.077 | -.846  | 1955 | 2824 | -.123  | .045  | -.326 | -.033 |
| 1955 | 25017 | -.416  | .099  | -.146 | -.052 | 1955 | 2635 | -.221  | .098  | -.091 | -.583  | 1955 | 2825 | -.191  | .066  | -.155 | -.476 |
| 1955 | 25018 | -.449  | .110  | -.159 | -.301 | 1955 | 2701 | -.002  | .100  | -.326 | -.457  | 1955 | 2826 | -.215  | .066  | -.045 | -.715 |
| 1955 | 25019 | -.435  | .117  | -.117 | -.976 | 1955 | 2702 | -.179  | .068  | -.068 | -.551  | 1955 | 2827 | -.237  | .077  | -.007 | -.487 |
| 1955 | 25020 | -.480  | .132  | -.167 | -.103 | 1955 | 2703 | -.029  | .102  | -.645 | -.300  | 1955 | 2828 | -.245  | .064  | -.513 | -.056 |
| 1955 | 25021 | -.478  | .130  | -.160 | -.133 | 1955 | 2704 | -.330  | .110  | -.057 | -.938  | 1955 | 2829 | -.389  | .096  | -.134 | -.770 |
| 1955 | 25022 | -.502  | .127  | -.154 | -.062 | 1955 | 2705 | -.285  | .089  | -.721 | -.030  | 1955 | 2830 | -.256  | .053  | -.089 | -.439 |
| 1955 | 25023 | -.469  | .128  | -.115 | -.053 | 1955 | 2706 | -.354  | .171  | -.033 | -.1384 | 1955 | 2831 | -.160  | .037  | -.005 | -.311 |
| 1955 | 25024 | -.470  | .151  | -.148 | -.142 | 1955 | 2707 | -.226  | .095  | -.154 | -.665  | 1955 | 2832 | -.138  | .038  | -.316 | -.033 |
| 1955 | 25025 | -.431  | .142  | -.103 | -.085 | 1955 | 2708 | -.193  | .106  | -.143 | -.691  | 1955 | 2833 | -.158  | .044  | -.009 | -.353 |
| 1955 | 25026 | -.420  | .124  | -.099 | -.087 | 1955 | 2709 | -.299  | .085  | -.045 | -.741  | 1955 | 2834 | -.208  | .065  | -.047 | -.516 |
| 1955 | 25027 | -.369  | .117  | -.050 | -.888 | 1955 | 2710 | -.234  | .077  | -.122 | -.586  | 1955 | 2835 | -.245  | .074  | -.009 | -.544 |
| 1955 | 25028 | -.360  | .120  | -.095 | -.919 | 1955 | 2711 | -.359  | .121  | -.850 | -.007  | 1955 | 2836 | -.362  | .094  | -.707 | -.066 |
| 1955 | 25029 | -.286  | .084  | -.089 | -.689 | 1955 | 2712 | -.139  | .072  | -.160 | -.358  | 1955 | 2837 | -.091  | .031  | -.018 | -.242 |
| 1955 | 25030 | -.342  | .113  | -.094 | -.873 | 1955 | 2713 | -.190  | .065  | -.033 | -.495  | 1955 | 2838 | -.218  | .069  | -.040 | -.637 |
| 1955 | 25031 | -.052  | .067  | -.133 | -.236 | 1955 | 2714 | -.146  | .077  | -.131 | -.582  | 1955 | 2839 | -.224  | .063  | -.033 | -.508 |
| 1955 | 25032 | -.260  | .075  | -.046 | -.584 | 1955 | 2715 | -.275  | .075  | -.684 | -.091  | 1955 | 2840 | -.263  | .059  | -.468 | -.099 |
| 1955 | 26001 | -.348  | .085  | -.086 | -.732 | 1955 | 2716 | -.394  | .111  | -.059 | -.824  | 1955 | 2841 | -.146  | .033  | -.014 | -.254 |
| 1955 | 26002 | -.351  | .085  | -.070 | -.760 | 1955 | 2717 | -.130  | .091  | -.228 | -.438  | 1955 | 2842 | -.178  | .039  | -.033 | -.399 |
| 1955 | 26003 | -.334  | .081  | -.081 | -.726 | 1955 | 2718 | -.184  | .087  | -.169 | -.607  | 1955 | 2843 | -.193  | .064  | -.031 | -.465 |
| 1955 | 26004 | -.340  | .072  | -.097 | -.662 | 1955 | 2719 | -.244  | .102  | -.161 | -.779  | 1955 | 2844 | -.250  | .062  | -.482 | -.023 |
| 1955 | 26005 | -.330  | .067  | -.084 | -.641 | 1955 | 2720 | -.069  | .084  | -.333 | -.356  | 1955 | 2845 | -.144  | .033  | -.012 | -.280 |
| 1955 | 26006 | -.342  | .075  | -.118 | -.757 | 1955 | 2721 | -.048  | .091  | -.447 | -.301  | 1955 | 2846 | -.201  | .035  | -.068 | -.328 |
| 1955 | 26007 | -.350  | .090  | -.079 | -.802 | 1955 | 2722 | -.057  | .077  | -.382 | -.319  | 1955 | 2847 | -.202  | .080  | -.040 | -.511 |
| 1955 | 26008 | -.353  | .074  | -.153 | -.698 | 1955 | 2723 | -.093  | .081  | -.247 | -.501  | 1955 | 2848 | -.206  | .083  | -.511 | -.052 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| UD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | UD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | UD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 195 | 2849 | 195    | .071  | .033  | .464  | 210 | 1101 | .851   | .202  | .401  | 1.930 | 210 | 1221 | .294   | .076  | .070  | 1.244 |
| 195 | 2850 | 185    | .057  | .002  | .448  | 210 | 1102 | .778   | .166  | .276  | 1.385 | 210 | 1222 | .265   | .062  | .076  | .629  |
| 195 | 2851 | 159    | .042  | .004  | .324  | 210 | 1103 | .272   | .145  | .089  | .991  | 210 | 1223 | .275   | .062  | .007  | .680  |
| 195 | 2852 | 159    | .042  | .004  | .324  | 210 | 1104 | .306   | .094  | .070  | .835  | 210 | 1224 | .366   | .117  | .041  | .961  |
| 195 | 2853 | 139    | .035  | .009  | .264  | 210 | 1105 | .657   | .150  | .238  | 1.181 | 210 | 1225 | .302   | .078  | .066  | .698  |
| 195 | 2854 | .080   | .028  | .057  | .173  | 210 | 1106 | .808   | .180  | .123  | 1.553 | 210 | 1226 | .274   | .066  | .043  | .566  |
| 195 | 2855 | .093   | .027  | .024  | .175  | 210 | 1107 | .304   | .199  | .168  | 1.192 | 210 | 1227 | .258   | .057  | .011  | .580  |
| 195 | 2856 | .080   | .030  | .066  | .210  | 210 | 1108 | .775   | .167  | .258  | 1.467 | 210 | 1228 | .259   | .051  | .073  | .597  |
| 195 | 2857 | 139    | .028  | .047  | .230  | 210 | 1109 | .344   | .128  | .039  | .934  | 210 | 1229 | .237   | .074  | .034  | .564  |
| 195 | 2858 | 134    | .062  | .232  | .445  | 210 | 1110 | .723   | .188  | .148  | 1.722 | 210 | 1230 | .232   | .061  | .020  | .503  |
| 195 | 2859 | .046   | .087  | .366  | .481  | 210 | 1111 | .714   | .214  | .079  | 1.622 | 210 | 1231 | .229   | .069  | .193  | .453  |
| 195 | 2860 | .051   | .105  | .479  | .217  | 210 | 1112 | .555   | .241  | .168  | 1.276 | 210 | 1232 | .246   | .056  | .046  | .474  |
| 195 | 2861 | .064   | .119  | .552  | .293  | 210 | 1113 | .402   | .180  | .127  | 1.222 | 210 | 1233 | .253   | .054  | .002  | .435  |
| 195 | 2862 | .033   | .106  | .603  | .322  | 210 | 1114 | .703   | .211  | .100  | 1.802 | 210 | 1234 | .239   | .048  | .074  | .452  |
| 195 | 2863 | .046   | .096  | .342  | .362  | 210 | 1115 | .652   | .231  | .007  | 1.484 | 210 | 1235 | .127   | .066  | .227  | .298  |
| 195 | 2864 | .182   | .051  | .024  | .451  | 210 | 1116 | .475   | .244  | .139  | 1.330 | 210 | 1236 | .159   | .064  | .106  | .377  |
| 195 | 2865 | .087   | .062  | .197  | .450  | 210 | 1117 | .675   | .180  | .086  | 1.306 | 210 | 1237 | .215   | .058  | .153  | .395  |
| 195 | 2866 | .041   | .088  | .484  | .153  | 210 | 1118 | .675   | .210  | .150  | 1.544 | 210 | 1238 | .240   | .050  | .036  | .454  |
| 195 | 2867 | .023   | .084  | .413  | .244  | 210 | 1119 | .573   | .210  | .016  | 1.411 | 210 | 1239 | .194   | .050  | .030  | .393  |
| 195 | 2868 | .159   | .046  | .018  | .374  | 210 | 1120 | .401   | .198  | .137  | 1.253 | 210 | 1240 | .168   | .057  | .091  | .346  |
| 195 | 2869 | .056   | .062  | .290  | .284  | 210 | 1121 | .354   | .129  | .058  | .927  | 210 | 1241 | .228   | .050  | .045  | .450  |
| 195 | 2870 | .058   | .082  | .565  | .142  | 210 | 1122 | .551   | .210  | .042  | 1.026 | 210 | 1242 | .237   | .050  | .093  | .442  |
| 195 | 2871 | .042   | .085  | .538  | .164  | 210 | 1123 | .385   | .197  | .174  | 1.338 | 210 | 1301 | .261   | .087  | .023  | .673  |
| 195 | 2872 | .002   | .075  | .427  | .300  | 210 | 1124 | .391   | .158  | .158  | 1.129 | 210 | 1302 | .304   | .100  | .026  | .934  |
| 195 | 2873 | .043   | .068  | .268  | .284  | 210 | 1125 | .298   | .093  | .024  | .925  | 210 | 1303 | .299   | .090  | .012  | .736  |
| 210 | 101  | .063   | .091  | .267  | .405  | 210 | 1126 | .370   | .190  | .121  | .536  | 210 | 1304 | .298   | .088  | .029  | .701  |
| 210 | 102  | .544   | .123  | .204  | .029  | 210 | 1127 | .310   | .171  | .211  | .072  | 210 | 1305 | .266   | .076  | .002  | .587  |
| 210 | 103  | .356   | .098  | .043  | .811  | 210 | 1128 | .229   | .135  | .283  | .903  | 210 | 1306 | .284   | .077  | .070  | .867  |
| 210 | 104  | .257   | .084  | .039  | .646  | 210 | 1129 | .246   | .103  | .209  | .907  | 210 | 1307 | .284   | .070  | .096  | .710  |
| 210 | 105  | .264   | .091  | .070  | .640  | 210 | 1130 | .105   | .124  | .287  | .608  | 210 | 1308 | .287   | .074  | .031  | .720  |
| 210 | 106  | .374   | .109  | .043  | .952  | 210 | 1201 | .427   | .103  | .104  | .942  | 210 | 1309 | .253   | .074  | .030  | .737  |
| 210 | 107  | .477   | .133  | .057  | .991  | 210 | 1202 | .380   | .116  | .040  | .892  | 210 | 1310 | .280   | .076  | .072  | .670  |
| 210 | 108  | .644   | .127  | .313  | .362  | 210 | 1203 | .394   | .127  | .039  | 1.102 | 210 | 1311 | .250   | .057  | .041  | .485  |
| 210 | 109  | .626   | .108  | .294  | .040  | 210 | 1204 | .379   | .132  | .023  | 1.209 | 210 | 1312 | .239   | .055  | .062  | .478  |
| 210 | 110  | .728   | .124  | .311  | .197  | 210 | 1205 | .352   | .117  | .009  | .863  | 210 | 1313 | .216   | .061  | .018  | .481  |
| 210 | 111  | .689   | .126  | .292  | .091  | 210 | 1206 | .294   | .094  | .029  | .878  | 210 | 1314 | .253   | .071  | .038  | .586  |
| 210 | 112  | .538   | .108  | .125  | .911  | 210 | 1207 | .418   | .129  | .052  | .016  | 210 | 1315 | .224   | .050  | .079  | .476  |
| 210 | 201  | .348   | .093  | .056  | .683  | 210 | 1208 | .312   | .091  | .005  | .724  | 210 | 1316 | .217   | .049  | .043  | .454  |
| 210 | 202  | .470   | .068  | .221  | .726  | 210 | 1209 | .375   | .128  | .043  | 1.135 | 210 | 1317 | .211   | .070  | .023  | .647  |
| 210 | 203  | .799   | .145  | .184  | .352  | 210 | 1210 | .332   | .119  | .056  | 1.148 | 210 | 1318 | .247   | .050  | .103  | .442  |
| 210 | 204  | .887   | .173  | .284  | .450  | 210 | 1211 | .340   | .111  | .032  | .993  | 210 | 1319 | .243   | .044  | .093  | .442  |
| 210 | 205  | .906   | .144  | .370  | .389  | 210 | 1212 | .333   | .097  | .005  | .727  | 210 | 1320 | .240   | .047  | .084  | .459  |
| 210 | 206  | .240   | .053  | .114  | .630  | 210 | 1213 | .354   | .109  | .032  | .877  | 210 | 1321 | .208   | .059  | .053  | .490  |
| 210 | 207  | .175   | .077  | .034  | .626  | 210 | 1214 | .345   | .128  | .007  | 1.000 | 210 | 1322 | .238   | .043  | .106  | .509  |
| 210 | 208  | .135   | .046  | .082  | .306  | 210 | 1215 | .324   | .125  | .018  | 1.256 | 210 | 1323 | .235   | .040  | .112  | .459  |
| 210 | 209  | .132   | .048  | .023  | .284  | 210 | 1216 | .333   | .118  | .011  | .920  | 210 | 1324 | .228   | .040  | .122  | .387  |
| 210 | 210  | .201   | .129  | .168  | .546  | 210 | 1217 | .300   | .093  | .048  | .791  | 210 | 1325 | .198   | .047  | .044  | .421  |
| 210 | 211  | .172   | .064  | .007  | .637  | 210 | 1218 | .311   | .107  | .076  | .896  | 210 | 1326 | .233   | .040  | .070  | .487  |
| 210 | 212  | .250   | .043  | .091  | .556  | 210 | 1219 | .378   | .121  | .073  | 1.000 | 210 | 1327 | .228   | .038  | .067  | .390  |
| 210 |      | .551   | .086  | .259  | .857  | 210 | 1220 | .340   | .107  | .007  | .091  | 210 | 1328 | .234   | .039  | .077  | .426  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN   |
|-----|------|--------|-------|-------|---------|
| 210 | 1329 | -.197  | .043  | -.069 | -.421   |
| 210 | 1330 | -.235  | .048  | -.106 | -.552   |
| 210 | 1331 | -.247  | .049  | -.136 | -.552   |
| 210 | 1332 | -.175  | .029  | -.065 | -.289   |
| 210 | 1401 | -.293  | .100  | -.002 | -.747   |
| 210 | 1402 | -.352  | .110  | -.005 | -.1.023 |
| 210 | 1403 | -.378  | .111  | -.033 | -.1.057 |
| 210 | 1404 | -.386  | .113  | -.029 | -.1.225 |
| 210 | 1405 | -.354  | .103  | -.083 | -.867   |
| 210 | 1406 | -.404  | .111  | -.149 | -.1.090 |
| 210 | 1407 | -.358  | .112  | -.005 | -.983   |
| 210 | 1408 | -.317  | .079  | -.117 | -.732   |
| 210 | 1409 | -.323  | .134  | -.002 | -.1.010 |
| 210 | 1410 | -.336  | .106  | -.010 | -.881   |
| 210 | 1411 | -.351  | .111  | -.038 | -.976   |
| 210 | 1412 | -.342  | .102  | -.088 | -.863   |
| 210 | 1413 | -.296  | .096  | -.095 | -.931   |
| 210 | 1414 | -.337  | .140  | -.055 | -.1.090 |
| 210 | 1415 | -.332  | .111  | -.002 | -.973   |
| 210 | 1416 | -.347  | .120  | -.012 | -.1.007 |
| 210 | 1417 | -.303  | .109  | -.069 | -.1.047 |
| 210 | 1418 | -.333  | .109  | -.082 | -.1.102 |
| 210 | 1419 | -.323  | .104  | -.031 | -.873   |
| 210 | 1420 | -.323  | .105  | -.024 | -.799   |
| 210 | 1421 | -.349  | .106  | -.018 | -.952   |
| 210 | 1422 | -.398  | .113  | -.132 | -.1.188 |
| 210 | 1423 | -.409  | .111  | -.155 | -.1.055 |
| 210 | 1424 | -.230  | .051  | -.096 | -.622   |
| 210 | 1425 | -.201  | .071  | -.016 | -.596   |
| 210 | 1426 | -.275  | .093  | -.022 | -.939   |
| 210 | 1427 | -.433  | .118  | -.148 | -.1.126 |
| 210 | 1428 | -.515  | .131  | -.215 | -.1.160 |
| 210 | 1429 | -.182  | .041  | -.051 | -.388   |
| 210 | 1430 | -.455  | .141  | -.125 | -.1.462 |
| 210 | 1431 | -.173  | .033  | -.043 | -.292   |
| 210 | 1432 | -.165  | .038  | -.029 | -.323   |
| 210 | 1433 | -.125  | .047  | -.039 | -.328   |
| 210 | 1434 | -.239  | .075  | -.022 | -.547   |
| 210 | 1435 | -.299  | .070  | -.053 | -.571   |
| 210 | 1501 | -.265  | .070  | -.017 | -.586   |
| 210 | 1502 | -.159  | .068  | -.095 | -.544   |
| 210 | 1503 | -.095  | .183  | -.312 | -.918   |
| 210 | 1504 | -.396  | .118  | -.270 | -.753   |
| 210 | 1505 | -.610  | .119  | -.196 | -.1.219 |
| 210 | 1506 | -.425  | .119  | -.111 | -.959   |
| 210 | 1507 | -.721  | .208  | -.037 | -.1.454 |
| 210 | 1508 | -.125  | .069  | -.108 | -.467   |
| 210 | 1509 | -.462  | .188  | -.060 | -.1.149 |
| 210 | 1510 | -.240  | .060  | -.024 | -.562   |
| 210 | 1511 | -.768  | .215  | -.141 | -.1.432 |

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN   |
|-----|------|--------|-------|-------|---------|
| 210 | 1512 | -.253  | .064  | -.033 | -.542   |
| 210 | 1513 | -.142  | .140  | -.220 | -.798   |
| 210 | 1514 | -.336  | .211  | -.108 | -.1.289 |
| 210 | 1515 | -.695  | .189  | -.040 | -.1.441 |
| 210 | 1516 | -.254  | .078  | -.046 | -.750   |
| 210 | 1517 | -.112  | .120  | -.205 | -.919   |
| 210 | 1518 | -.270  | .196  | -.165 | -.1.059 |
| 210 | 1519 | -.633  | .232  | -.180 | -.1.601 |
| 210 | 1520 | -.261  | .083  | -.007 | -.595   |
| 210 | 1521 | -.056  | .101  | -.448 | -.628   |
| 210 | 1522 | -.148  | .131  | -.213 | -.811   |
| 210 | 1523 | -.442  | .253  | -.329 | -.1.278 |
| 210 | 1524 | -.255  | .067  | -.051 | -.622   |
| 210 | 1525 | -.065  | .072  | -.309 | -.406   |
| 210 | 1526 | -.065  | .080  | -.273 | -.646   |
| 210 | 1527 | -.193  | .200  | -.371 | -.955   |
| 210 | 1528 | -.108  | .046  | -.069 | -.268   |
| 210 | 1529 | -.018  | .105  | -.276 | -.668   |
| 210 | 1530 | -.101  | .045  | -.080 | -.271   |
| 210 | 1531 | -.030  | .052  | -.189 | -.242   |
| 210 | 1532 | -.041  | .112  | -.303 | -.556   |
| 210 | 1601 | -.009  | .111  | -.518 | -.463   |
| 210 | 1602 | -.166  | .117  | -.603 | -.280   |
| 210 | 1603 | -.206  | .122  | -.674 | -.325   |
| 210 | 1604 | -.216  | .120  | -.613 | -.365   |
| 210 | 1605 | -.253  | .126  | -.675 | -.344   |
| 210 | 1606 | -.593  | .147  | -.201 | -.1.308 |
| 210 | 1607 | -.069  | .115  | -.529 | -.349   |
| 210 | 1608 | -.451  | .152  | -.894 | -.120   |
| 210 | 1609 | -.034  | .105  | -.423 | -.306   |
| 210 | 1610 | -.331  | .137  | -.816 | -.069   |
| 210 | 1611 | -.501  | .169  | 1.116 | -.046   |
| 210 | 1612 | -.517  | .174  | 1.100 | -.046   |
| 210 | 1613 | -.364  | .160  | -.851 | -.139   |
| 210 | 1614 | -.028  | .100  | -.434 | -.295   |
| 210 | 1615 | -.307  | .126  | -.795 | -.000   |
| 210 | 1616 | -.407  | .147  | -.923 | -.031   |
| 210 | 1617 | -.477  | .175  | 1.087 | -.112   |
| 210 | 1618 | -.314  | .163  | -.818 | -.330   |
| 210 | 1619 | -.033  | .111  | -.529 | -.292   |
| 210 | 1620 | -.234  | .114  | -.679 | -.064   |
| 210 | 1621 | -.333  | .145  | -.895 | -.044   |
| 210 | 1622 | -.357  | .155  | -.874 | -.074   |
| 210 | 1623 | -.224  | .160  | -.705 | -.261   |
| 210 | 1624 | -.034  | .097  | -.527 | -.370   |
| 210 | 1625 | -.145  | .089  | -.569 | -.139   |
| 210 | 1626 | -.178  | .092  | -.594 | -.132   |
| 210 | 1627 | -.167  | .111  | -.666 | -.158   |
| 210 | 1628 | -.069  | .116  | -.544 | -.221   |
| 210 | 1629 | -.082  | .064  | -.388 | -.141   |

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN   |
|-----|------|--------|-------|-------|---------|
| 210 | 1630 | .052   | .069  | .332  | -.158   |
| 210 | 1631 | .160   | .079  | .479  | -.029   |
| 210 | 1632 | .185   | .075  | .474  | -.007   |
| 210 | 1633 | .176   | .079  | .523  | -.031   |
| 210 | 1634 | .160   | .094  | .651  | -.074   |
| 210 | 1635 | .131   | .092  | .696  | -.068   |
| 210 | 1701 | .214   | .053  | .452  | -.022   |
| 210 | 1702 | -.200  | .062  | .007  | -.453   |
| 210 | 1703 | -.216  | .052  | .065  | -.497   |
| 210 | 1704 | -.066  | .098  | .351  | -.565   |
| 210 | 1705 | .036   | .086  | .374  | -.284   |
| 210 | 1706 | -.061  | .076  | .221  | -.335   |
| 210 | 1707 | -.154  | .068  | .145  | -.604   |
| 210 | 1708 | -.044  | .073  | .197  | -.717   |
| 210 | 1709 | -.010  | .095  | .489  | -.356   |
| 210 | 1710 | -.049  | .091  | .357  | -.357   |
| 210 | 1711 | -.151  | .084  | .526  | -.170   |
| 210 | 1712 | -.165  | .099  | .123  | -.533   |
| 210 | 1713 | -.176  | .086  | .107  | -.682   |
| 210 | 1714 | -.003  | .058  | .269  | -.266   |
| 210 | 1715 | -.247  | .112  | .027  | -.790   |
| 210 | 1716 | -.225  | .108  | .057  | -.917   |
| 210 | 1717 | -.480  | .187  | .102  | -.1.202 |
| 210 | 1718 | -.529  | .168  | .063  | -.1.179 |
| 210 | 1719 | -.496  | .146  | .106  | -.1.044 |
| 210 | 1720 | -.299  | .091  | .743  | -.004   |
| 210 | 1721 | -.213  | .075  | .016  | -.564   |
| 210 | 1722 | -.200  | .086  | .051  | -.719   |
| 210 | 1723 | -.008  | .056  | .278  | -.232   |
| 210 | 1724 | -.258  | .113  | .116  | -.788   |
| 210 | 1725 | -.331  | .140  | .922  | -.018   |
| 210 | 1801 | -.123  | .163  | .473  | -.666   |
| 210 | 1802 | -.020  | .245  | .868  | -.672   |
| 210 | 1803 | -.140  | .130  | .535  | -.615   |
| 210 | 1804 | -.031  | .085  | .373  | -.203   |
| 210 | 1805 | -.102  | .057  | .195  | -.299   |
| 210 | 1806 | -.344  | .094  | .041  | -.748   |
| 210 | 1807 | -.112  | .062  | .501  | -.043   |
| 210 | 1808 | -.059  | .054  | .093  | -.337   |
| 210 | 1809 | -.022  | .071  | .227  | -.371   |
| 210 | 1810 | -.056  | .099  | .459  | -.388   |
| 210 | 1811 | -.104  | .093  | .235  | -.436   |
| 210 | 1812 | -.029  | .066  | .360  | -.178   |
| 210 | 1813 | -.136  | .046  | .051  | -.316   |
| 210 | 1814 | -.258  | .056  | .106  | -.549   |
| 210 | 1815 | -.129  | .056  | .372  | -.054   |
| 210 | 1816 | -.064  | .038  | .077  | -.207   |
| 210 | 1817 | -.025  | .042  | .130  | -.181   |
| 210 | 1818 | -.020  | .058  | .257  | -.188   |
| 210 | 1819 | -.100  | .090  | .210  | -.490   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 210 | 1820 | .050   | .064  | .376  | .105  | 210 | 1869 | .067   | .045  | .088  | .200  | 210 | 2216 | .080   | .064  | .232  | .241  |
| 210 | 1821 | .134   | .048  | .086  | .320  | 210 | 1870 | .044   | .060  | .190  | .190  | 210 | 2217 | .015   | .085  | .406  | .252  |
| 210 | 1822 | .245   | .082  | .712  | .020  | 210 | 1871 | .099   | .044  | .072  | .285  | 210 | 2218 | .248   | .216  | .424  | .924  |
| 210 | 1823 | .132   | .053  | .080  | .443  | 210 | 1872 | .137   | .045  | .007  | .323  | 210 | 2219 | .322   | .078  | .105  | .730  |
| 210 | 1824 | .043   | .042  | .188  | .116  | 210 | 1873 | .152   | .042  | .017  | .334  | 210 | 2220 | .181   | .059  | .086  | .362  |
| 210 | 1825 | .021   | .046  | .180  | .164  | 210 | 2101 | .370   | .064  | .187  | .702  | 210 | 2221 | .059   | .071  | .325  | .236  |
| 210 | 1826 | .041   | .078  | .392  | .297  | 210 | 2102 | .358   | .060  | .165  | .765  | 210 | 2222 | .005   | .086  | .464  | .334  |
| 210 | 1827 | .026   | .086  | .294  | .374  | 210 | 2103 | .354   | .057  | .179  | .588  | 210 | 2223 | .173   | .207  | .357  | .930  |
| 210 | 1828 | .046   | .051  | .081  | .311  | 210 | 2104 | .344   | .055  | .175  | .724  | 210 | 2224 | .346   | .082  | .105  | .692  |
| 210 | 1829 | .129   | .037  | .005  | .291  | 210 | 2105 | .431   | .081  | .214  | .903  | 210 | 2225 | .150   | .072  | .095  | .433  |
| 210 | 1830 | .259   | .064  | .063  | .524  | 210 | 2106 | .355   | .053  | .203  | .860  | 210 | 2226 | .111   | .074  | .158  | .464  |
| 210 | 1831 | .104   | .040  | .025  | .298  | 210 | 2107 | .347   | .050  | .213  | .810  | 210 | 2227 | .041   | .090  | .332  | .268  |
| 210 | 1832 | .056   | .035  | .201  | .076  | 210 | 2108 | .338   | .058  | .203  | .832  | 210 | 2228 | .035   | .157  | .439  | .687  |
| 210 | 1833 | .044   | .034  | .084  | .141  | 210 | 2109 | .339   | .048  | .214  | .648  | 210 | 2229 | .170   | .106  | .191  | .583  |
| 210 | 1834 | .047   | .039  | .091  | .167  | 210 | 2110 | .360   | .072  | .193  | .833  | 210 | 2230 | .015   | .152  | .588  | .690  |
| 210 | 1835 | .031   | .075  | .425  | .207  | 210 | 2111 | .348   | .055  | .200  | .740  | 210 | 2231 | .134   | .143  | .248  | .076  |
| 210 | 1836 | .107   | .041  | .244  | .056  | 210 | 2112 | .332   | .051  | .196  | .679  | 210 | 2232 | .160   | .115  | .196  | .701  |
| 210 | 1837 | .034   | .029  | .088  | .153  | 210 | 2113 | .360   | .057  | .230  | .903  | 210 | 2233 | .097   | .099  | .250  | .449  |
| 210 | 1838 | .056   | .039  | .121  | .176  | 210 | 2114 | .414   | .114  | .150  | .329  | 210 | 2234 | .028   | .106  | .453  | .482  |
| 210 | 1839 | .011   | .036  | .269  | .165  | 210 | 2115 | .393   | .087  | .166  | .992  | 210 | 2235 | .249   | .194  | .965  | .256  |
| 210 | 1840 | .070   | .032  | .173  | .056  | 210 | 2116 | .370   | .079  | .171  | .904  | 210 | 2236 | .102   | .175  | .757  | .381  |
| 210 | 1841 | .077   | .034  | .055  | .196  | 210 | 2117 | .373   | .073  | .182  | .867  | 210 | 2237 | .235   | .193  | .364  | .216  |
| 210 | 1842 | .321   | .091  | .060  | .833  | 210 | 2118 | .449   | .130  | .068  | .1215 | 210 | 2238 | .137   | .154  | .320  | .131  |
| 210 | 1843 | .010   | .076  | .349  | .225  | 210 | 2119 | .446   | .128  | .152  | .226  | 210 | 2239 | .017   | .140  | .660  | .525  |
| 210 | 1844 | .083   | .033  | .224  | .036  | 210 | 2120 | .429   | .122  | .196  | .213  | 210 | 2240 | .248   | .210  | .051  | .294  |
| 210 | 1845 | .074   | .035  | .082  | .205  | 210 | 2121 | .444   | .106  | .187  | .032  | 210 | 2241 | .114   | .127  | .542  | .474  |
| 210 | 1846 | .081   | .082  | .079  | .204  | 210 | 2122 | .401   | .105  | .027  | .782  | 210 | 2242 | .070   | .124  | .366  | .638  |
| 210 | 1847 | .034   | .085  | .468  | .181  | 210 | 2123 | .426   | .097  | .073  | .767  | 210 | 2301 | .249   | .115  | .613  | .139  |
| 210 | 1848 | .102   | .064  | .054  | .441  | 210 | 2124 | .301   | .110  | .037  | .891  | 210 | 2302 | .340   | .130  | .767  | .090  |
| 210 | 1849 | .073   | .077  | .337  | .373  | 210 | 2125 | .704   | .225  | .300  | .096  | 210 | 2303 | .296   | .123  | .686  | .087  |
| 210 | 1850 | .010   | .048  | .299  | .118  | 210 | 2126 | .394   | .082  | .034  | .619  | 210 | 2304 | .409   | .137  | .818  | .064  |
| 210 | 1851 | .044   | .028  | .060  | .136  | 210 | 2127 | .312   | .081  | .045  | .595  | 210 | 2305 | .795   | .174  | .352  | .515  |
| 210 | 1852 | .044   | .028  | .060  | .136  | 210 | 2128 | .342   | .080  | .063  | .633  | 210 | 2306 | .446   | .137  | .842  | .041  |
| 210 | 1853 | .067   | .029  | .027  | .165  | 210 | 2129 | .589   | .159  | .177  | .237  | 210 | 2307 | .504   | .146  | .935  | .012  |
| 210 | 1854 | .054   | .030  | .046  | .156  | 210 | 2130 | .262   | .085  | .027  | .589  | 210 | 2308 | .322   | .128  | .784  | .050  |
| 210 | 1855 | .031   | .026  | .071  | .117  | 210 | 2201 | .216   | .041  | .061  | .359  | 210 | 2309 | .531   | .151  | .981  | .052  |
| 210 | 1856 | .025   | .026  | .074  | .112  | 210 | 2202 | .142   | .032  | .059  | .307  | 210 | 2310 | .309   | .128  | .780  | .046  |
| 210 | 1857 | .028   | .029  | .055  | .143  | 210 | 2203 | .150   | .032  | .036  | .346  | 210 | 2311 | .574   | .142  | .040  | .169  |
| 210 | 1858 | .156   | .119  | .159  | .717  | 210 | 2204 | .159   | .056  | .043  | .346  | 210 | 2312 | .612   | .148  | .095  | .199  |
| 210 | 1859 | .124   | .098  | .255  | .710  | 210 | 2205 | .173   | .062  | .030  | .377  | 210 | 2313 | .427   | .151  | .833  | .072  |
| 210 | 1860 | .000   | .000  | .000  | .000  | 210 | 2206 | .348   | .185  | .113  | .956  | 210 | 2314 | .288   | .132  | .808  | .115  |
| 210 | 1861 | .088   | .082  | .131  | .816  | 210 | 2207 | .232   | .040  | .014  | .428  | 210 | 2315 | .497   | .147  | .925  | .092  |
| 210 | 1862 | .103   | .051  | .073  | .468  | 210 | 2208 | .304   | .213  | .398  | .935  | 210 | 2316 | .518   | .152  | .981  | .123  |
| 210 | 1863 | .155   | .048  | .002  | .353  | 210 | 2209 | .251   | .047  | .048  | .517  | 210 | 2317 | .381   | .154  | .958  | .036  |
| 210 | 1864 | .127   | .116  | .196  | .847  | 210 | 2210 | .121   | .053  | .138  | .291  | 210 | 2318 | .214   | .137  | .755  | .165  |
| 210 | 1865 | .139   | .056  | .087  | .398  | 210 | 2211 | .013   | .070  | .300  | .227  | 210 | 2319 | .362   | .139  | .829  | .080  |
| 210 | 1866 | .080   | .045  | .071  | .227  | 210 | 2212 | .033   | .085  | .382  | .394  | 210 | 2320 | .364   | .139  | .816  | .053  |
| 210 | 1867 | .131   | .038  | .015  | .268  | 210 | 2213 | .312   | .211  | .406  | .951  | 210 | 2321 | .171   | .123  | .669  | .209  |
| 210 | 1868 | .049   | .088  | .488  | .294  | 210 | 2214 | .260   | .060  | .025  | .579  | 210 | 2322 | .216   | .136  | .858  | .119  |
| 210 | 1868 | .103   | .049  | .104  | .342  | 210 | 2215 | .153   | .060  | .118  | .325  | 210 | 2323 | .283   | .124  | .810  | .002  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 210 | 2324 | .244   | .110  | .738  | -.075  | 210 | 2507 | -.348  | .060  | -.153 | -.591  | 210 | 2625 | -.325  | .085  | -.130 | -.772  |
| 210 | 2325 | .060   | .093  | .438  | -.233  | 210 | 2508 | -.358  | .057  | -.192 | -.645  | 210 | 2626 | -.338  | .081  | -.105 | -.946  |
| 210 | 2326 | .250   | .118  | .748  | -.076  | 210 | 2509 | -.344  | .053  | -.175 | -.583  | 210 | 2627 | -.369  | .101  | -.052 | -.743  |
| 210 | 2327 | .252   | .098  | .801  | -.035  | 210 | 2510 | -.346  | .050  | -.181 | -.666  | 210 | 2628 | -.379  | .114  | -.065 | -1.037 |
| 210 | 2328 | .132   | .098  | .613  | -.169  | 210 | 2511 | -.354  | .056  | -.192 | -.682  | 210 | 2629 | -.275  | .084  | -.012 | -.664  |
| 210 | 2329 | .033   | .095  | .413  | -.400  | 210 | 2512 | -.399  | .082  | -.200 | -.905  | 210 | 2630 | -.360  | .111  | -.027 | -.816  |
| 210 | 2330 | .052   | .071  | .310  | -.275  | 210 | 2513 | -.372  | .072  | -.170 | -.801  | 210 | 2631 | -.227  | .064  | -.022 | -.529  |
| 210 | 2331 | -.033  | .073  | .272  | -.284  | 210 | 2514 | -.370  | .072  | -.130 | -.671  | 210 | 2632 | -.243  | .073  | -.037 | -.637  |
| 210 | 2332 | -.007  | .045  | .206  | -.128  | 210 | 2515 | -.369  | .069  | -.128 | -.669  | 210 | 2633 | -.280  | .087  | -.015 | -.605  |
| 210 | 2401 | -1.002 | .222  | -.159 | -2.045 | 210 | 2516 | -.462  | .100  | -.162 | -1.259 | 210 | 2634 | -.311  | .102  | -.022 | -.816  |
| 210 | 2402 | -.448  | .269  | -.030 | -1.579 | 210 | 2517 | -.432  | .089  | -.175 | -.779  | 210 | 2635 | -.310  | .089  | -.015 | -.610  |
| 210 | 2403 | -.210  | .077  | .040  | -.815  | 210 | 2518 | -.443  | .098  | -.147 | -.862  | 210 | 2701 | -.018  | .095  | -.285 | -.452  |
| 210 | 2404 | -.183  | .040  | -.055 | -.405  | 210 | 2519 | -.444  | .110  | -.167 | -.992  | 210 | 2702 | -.191  | .063  | -.039 | -.496  |
| 210 | 2405 | -.178  | .034  | -.058 | -.370  | 210 | 2520 | -.536  | .135  | -.202 | -1.187 | 210 | 2703 | -.114  | .077  | -.221 | -.441  |
| 210 | 2406 | -.232  | .034  | -.103 | -.360  | 210 | 2521 | -.491  | .128  | -.189 | -1.264 | 210 | 2704 | -.301  | .142  | -.134 | -1.050 |
| 210 | 2407 | -.867  | .188  | .310  | -1.761 | 210 | 2522 | -.477  | .122  | -.167 | -1.053 | 210 | 2705 | -.236  | .115  | -.825 | -.234  |
| 210 | 2408 | -.224  | .032  | -.117 | -.395  | 210 | 2523 | -.456  | .113  | -.116 | -.029  | 210 | 2706 | -.208  | .102  | -.166 | -.663  |
| 210 | 2409 | -.765  | .152  | .054  | -1.401 | 210 | 2524 | -.414  | .144  | -.142 | -1.107 | 210 | 2707 | -.198  | .093  | -.158 | -.639  |
| 210 | 2410 | -.764  | .236  | .055  | -1.444 | 210 | 2525 | -.374  | .124  | -.079 | -1.138 | 210 | 2708 | -.210  | .087  | -.086 | -.954  |
| 210 | 2411 | -.377  | .237  | .075  | -1.207 | 210 | 2526 | -.350  | .115  | -.098 | -1.183 | 210 | 2709 | -.260  | .059  | -.024 | -.561  |
| 210 | 2412 | -.285  | .142  | .087  | -1.031 | 210 | 2527 | -.334  | .112  | -.025 | -.982  | 210 | 2710 | -.222  | .058  | -.026 | -.499  |
| 210 | 2413 | -.299  | .088  | -.016 | -.799  | 210 | 2528 | -.311  | .108  | -.105 | -.842  | 210 | 2711 | -.373  | .151  | 1.057 | -.074  |
| 210 | 2414 | -.774  | .165  | .278  | -1.914 | 210 | 2529 | -.295  | .094  | -.005 | -.804  | 210 | 2712 | -.085  | .069  | -.157 | -.323  |
| 210 | 2415 | -.758  | .221  | .033  | -1.857 | 210 | 2530 | -.302  | .106  | -.122 | -.779  | 210 | 2713 | -.144  | .062  | -.067 | -.506  |
| 210 | 2416 | -.599  | .277  | .014  | -1.456 | 210 | 2531 | -.117  | .063  | -.096 | -.317  | 210 | 2714 | -.196  | .061  | -.066 | -.535  |
| 210 | 2417 | -.327  | .163  | .016  | -1.167 | 210 | 2532 | -.282  | .086  | -.067 | -.815  | 210 | 2715 | -.233  | .046  | -.524 | -.041  |
| 210 | 2418 | -.360  | .107  | -.050 | -1.143 | 210 | 2601 | -.330  | .052  | -.167 | -.546  | 210 | 2716 | -.548  | .136  | -.104 | -.046  |
| 210 | 2419 | -.712  | .192  | .042  | -1.679 | 210 | 2602 | -.325  | .050  | -.174 | -.583  | 210 | 2717 | -.022  | .105  | -.390 | -.453  |
| 210 | 2420 | -.642  | .235  | .007  | -1.506 | 210 | 2603 | -.312  | .047  | -.170 | -.537  | 210 | 2718 | -.102  | .103  | -.266 | -.506  |
| 210 | 2421 | -.345  | .190  | .056  | -1.280 | 210 | 2604 | -.322  | .046  | -.187 | -.507  | 210 | 2719 | -.121  | .121  | -.384 | -.666  |
| 210 | 2422 | -.315  | .135  | .016  | -1.021 | 210 | 2605 | -.314  | .050  | -.177 | -.797  | 210 | 2720 | -.014  | .095  | -.318 | -.361  |
| 210 | 2423 | -.374  | .095  | .127  | -.815  | 210 | 2606 | -.328  | .056  | -.152 | -.652  | 210 | 2721 | -.111  | .070  | -.176 | -.911  |
| 210 | 2424 | -.578  | .197  | .139  | -1.467 | 210 | 2607 | -.329  | .053  | -.175 | -.576  | 210 | 2722 | -.100  | .067  | -.165 | -.674  |
| 210 | 2425 | -.518  | .224  | .038  | -1.735 | 210 | 2608 | -.335  | .051  | -.182 | -.680  | 210 | 2723 | -.187  | .078  | -.100 | -.700  |
| 210 | 2426 | -.387  | .188  | .032  | -1.258 | 210 | 2609 | -.351  | .060  | -.165 | -.683  | 210 | 2724 | -.229  | .043  | -.404 | -.060  |
| 210 | 2427 | -.237  | .081  | .077  | -.632  | 210 | 2610 | -.354  | .049  | -.196 | -.600  | 210 | 2725 | -.219  | .041  | -.067 | -.352  |
| 210 | 2428 | -.269  | .075  | -.048 | -.615  | 210 | 2611 | -.337  | .041  | -.194 | -.509  | 210 | 2801 | -.295  | .081  | -.062 | -.592  |
| 210 | 2429 | -.446  | .165  | .139  | -1.500 | 210 | 2612 | -.347  | .042  | -.202 | -.577  | 210 | 2802 | -.329  | .084  | -.085 | -.612  |
| 210 | 2430 | -.232  | .069  | .073  | -.551  | 210 | 2613 | -.344  | .049  | -.202 | -.688  | 210 | 2803 | -.336  | .089  | -.672 | -.077  |
| 210 | 2431 | -.197  | .059  | -.021 | -.521  | 210 | 2614 | -.419  | .094  | -.181 | -1.019 | 210 | 2804 | -.632  | .204  | -.113 | -1.547 |
| 210 | 2432 | -.173  | .043  | .046  | -.366  | 210 | 2615 | -.389  | .071  | -.204 | -.800  | 210 | 2805 | -.380  | .141  | -.053 | -1.333 |
| 210 | 2433 | -.143  | .040  | .013  | -.292  | 210 | 2616 | -.392  | .061  | -.240 | -.617  | 210 | 2806 | -.244  | .067  | -.039 | -.629  |
| 210 | 2434 | -.185  | .042  | -.046 | -.330  | 210 | 2617 | -.366  | .057  | -.157 | -.676  | 210 | 2807 | -.131  | .051  | -.364 | -.043  |
| 210 | 2435 | -.110  | .045  | .085  | -.249  | 210 | 2618 | -.372  | .071  | -.157 | -.826  | 210 | 2808 | -.147  | .058  | -.063 | -.386  |
| 210 | 2501 | -.331  | .050  | -.169 | -.645  | 210 | 2619 | -.430  | .111  | -.094 | -1.157 | 210 | 2809 | -.218  | .058  | -.007 | -.465  |
| 210 | 2502 | -.349  | .051  | -.184 | -.544  | 210 | 2620 | -.424  | .095  | -.167 | -.850  | 210 | 2810 | -.246  | .051  | -.109 | -.476  |
| 210 | 2503 | -.386  | .059  | -.219 | -.603  | 210 | 2621 | -.380  | .071  | -.199 | -.725  | 210 | 2811 | -.350  | .092  | -.696 | -.098  |
| 210 | 2504 | -.448  | .074  | -.250 | -.863  | 210 | 2622 | -.376  | .075  | -.149 | -.811  | 210 | 2812 | -.355  | .112  | -.058 | -.831  |
| 210 | 2505 | -.376  | .052  | -.211 | -.573  | 210 | 2623 | -.399  | .111  | -.091 | -1.117 | 210 | 2813 | -.379  | .086  | -.158 | -.890  |
| 210 | 2506 | -.359  | .062  | -.174 | -.693  | 210 | 2624 | -.328  | .095  | -.110 | -.747  | 210 | 2814 | -.260  | .049  | -.104 | -.454  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 210 | 2815 | 134    | .037  | .352  | .017  |
| 210 | 2816 | 120    | .043  | .034  | .369  |
| 210 | 2817 | 176    | .036  | .101  | .463  |
| 210 | 2818 | 246    | .058  | .102  | .581  |
| 210 | 2819 | 302    | .084  | .584  | .077  |
| 210 | 2820 | 242    | .067  | .031  | .516  |
| 210 | 2821 | 356    | .090  | .129  | .777  |
| 210 | 2822 | 254    | .050  | .469  | .105  |
| 210 | 2823 | 150    | .034  | .007  | .262  |
| 210 | 2824 | 121    | .035  | .246  | .010  |
| 210 | 2825 | 154    | .039  | .106  | .366  |
| 210 | 2826 | 224    | .058  | .091  | .506  |
| 210 | 2827 | 313    | .082  | .078  | .588  |
| 210 | 2828 | 237    | .056  | .471  | .072  |
| 210 | 2829 | 336    | .072  | .123  | .636  |
| 210 | 2830 | 232    | .045  | .084  | .410  |
| 210 | 2831 | 157    | .036  | .017  | .279  |
| 210 | 2832 | 131    | .032  | .258  | .036  |
| 210 | 2833 | 141    | .038  | .007  | .400  |
| 210 | 2834 | 228    | .063  | .067  | .587  |
| 210 | 2835 | 308    | .078  | .046  | .576  |
| 210 | 2836 | 317    | .062  | .536  | .050  |
| 210 | 2837 | 096    | .026  | .004  | .214  |
| 210 | 2838 | 228    | .058  | .046  | .530  |
| 210 | 2839 | 275    | .068  | .061  | .522  |
| 210 | 2840 | 263    | .047  | .471  | .112  |
| 210 | 2841 | 126    | .035  | .031  | .243  |
| 210 | 2842 | 178    | .040  | .043  | .348  |
| 210 | 2843 | 250    | .060  | .083  | .539  |
| 210 | 2844 | 240    | .046  | .416  | .084  |
| 210 | 2845 | 128    | .035  | .058  | .239  |
| 210 | 2846 | 172    | .033  | .055  | .295  |
| 210 | 2847 | 275    | .084  | .029  | .600  |
| 210 | 2848 | 275    | .093  | .572  | .012  |
| 210 | 2849 | 248    | .077  | .034  | .496  |
| 210 | 2850 | 196    | .048  | .060  | .420  |
| 210 | 2851 | 173    | .035  | .068  | .356  |
| 210 | 2852 | 173    | .035  | .068  | .356  |
| 210 | 2853 | 148    | .032  | .022  | .263  |
| 210 | 2854 | 073    | .029  | .105  | .172  |
| 210 | 2855 | 083    | .029  | .097  | .172  |
| 210 | 2856 | 085    | .029  | .028  | .188  |
| 210 | 2857 | 135    | .027  | .053  | .223  |
| 210 | 2858 | 152    | .054  | .118  | .388  |
| 210 | 2859 | 119    | .086  | .252  | .428  |
| 210 | 2860 | 036    | .101  | .485  | .393  |
| 210 | 2861 | 043    | .116  | .574  | .367  |
| 210 | 2862 | 106    | .126  | .690  | .327  |
| 210 | 2863 | 064    | .123  | .521  | .336  |
| 210 | 2864 | 194    | .048  | .024  | .400  |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 210 | 2864 | 142    | .064  | .148  | .446  |
| 210 | 2865 | 009    | .077  | .358  | .196  |
| 210 | 2866 | 045    | .079  | .280  | .254  |
| 210 | 2867 | 178    | .043  | .039  | .367  |
| 210 | 2868 | 121    | .060  | .194  | .349  |
| 210 | 2869 | 027    | .071  | .336  | .140  |
| 210 | 2870 | 014    | .075  | .367  | .210  |
| 210 | 2871 | 038    | .077  | .365  | .201  |
| 210 | 2872 | 019    | .092  | .444  | .281  |
| 210 | 2873 | 029    | .120  | .528  | .312  |
| 225 | 101  | 405    | .143  | .099  | .284  |
| 225 | 102  | 271    | .121  | .116  | .674  |
| 225 | 103  | 188    | .082  | .132  | .548  |
| 225 | 104  | 160    | .065  | .117  | .515  |
| 225 | 105  | 246    | .090  | .012  | .688  |
| 225 | 106  | 355    | .143  | .005  | .017  |
| 225 | 107  | 594    | .192  | .052  | .470  |
| 225 | 108  | 534    | .136  | .005  | .123  |
| 225 | 109  | 591    | .153  | .181  | .450  |
| 225 | 110  | 531    | .159  | .045  | .188  |
| 225 | 111  | 385    | .148  | .052  | .946  |
| 225 | 112  | 224    | .095  | .044  | .744  |
| 225 | 201  | 474    | .114  | .056  | .002  |
| 225 | 202  | 790    | .169  | .113  | .482  |
| 225 | 203  | 947    | .191  | .225  | .635  |
| 225 | 204  | 871    | .184  | .277  | .566  |
| 225 | 205  | 454    | .103  | .151  | .863  |
| 225 | 206  | 265    | .075  | .020  | .615  |
| 225 | 207  | 075    | .060  | .106  | .319  |
| 225 | 208  | 055    | .056  | .125  | .418  |
| 225 | 209  | 238    | .102  | .110  | .598  |
| 225 | 210  | 225    | .092  | .052  | .701  |
| 225 | 211  | 194    | .056  | .018  | .531  |
| 225 | 212  | 588    | .119  | .239  | .067  |
| 225 | 1101 | 533    | .163  | .096  | .430  |
| 225 | 1102 | 532    | .162  | .037  | .420  |
| 225 | 1103 | 383    | .168  | .114  | .213  |
| 225 | 1104 | 355    | .149  | .100  | .045  |
| 225 | 1105 | 521    | .152  | .113  | .190  |
| 225 | 1106 | 525    | .183  | .111  | .325  |
| 225 | 1107 | 403    | .177  | .234  | .106  |
| 225 | 1108 | 481    | .169  | .075  | .177  |
| 225 | 1109 | 381    | .162  | .185  | .983  |
| 225 | 1110 | 540    | .219  | .012  | .580  |
| 225 | 1111 | 534    | .224  | .045  | .574  |
| 225 | 1112 | 460    | .214  | .129  | .301  |
| 225 | 1113 | 389    | .187  | .176  | .171  |
| 225 | 1114 | 575    | .218  | .043  | .770  |
| 225 | 1115 | 553    | .211  | .106  | .515  |
| 225 | 1116 | 450    | .203  | .136  | .386  |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 225 | 1117 | 338    | .157  | .122  | .941  |
| 225 | 1118 | 533    | .192  | .142  | .486  |
| 225 | 1119 | 477    | .176  | .005  | .269  |
| 225 | 1120 | 361    | .148  | .091  | .950  |
| 225 | 1121 | 315    | .131  | .087  | .098  |
| 225 | 1122 | 465    | .182  | .033  | .333  |
| 225 | 1123 | 353    | .162  | .086  | .044  |
| 225 | 1124 | 277    | .124  | .100  | .821  |
| 225 | 1125 | 239    | .092  | .007  | .654  |
| 225 | 1126 | 299    | .144  | .173  | .150  |
| 225 | 1127 | 253    | .121  | .142  | .700  |
| 225 | 1128 | 181    | .114  | .211  | .728  |
| 225 | 1129 | 185    | .105  | .106  | .763  |
| 225 | 1130 | 114    | .105  | .343  | .634  |
| 225 | 1201 | 339    | .117  | .017  | .948  |
| 225 | 1202 | 302    | .130  | .077  | .070  |
| 225 | 1203 | 297    | .119  | .031  | .873  |
| 225 | 1204 | 279    | .109  | .026  | .790  |
| 225 | 1205 | 271    | .094  | .000  | .742  |
| 225 | 1206 | 236    | .085  | .035  | .676  |
| 225 | 1207 | 307    | .121  | .075  | .798  |
| 225 | 1208 | 251    | .085  | .040  | .632  |
| 225 | 1209 | 305    | .138  | .061  | .894  |
| 225 | 1210 | 259    | .109  | .061  | .793  |
| 225 | 1211 | 249    | .074  | .033  | .570  |
| 225 | 1212 | 235    | .062  | .043  | .556  |
| 225 | 1213 | 242    | .065  | .076  | .537  |
| 225 | 1214 | 279    | .137  | .124  | .946  |
| 225 | 1215 | 254    | .121  | .075  | .861  |
| 225 | 1216 | 234    | .099  | .033  | .807  |
| 225 | 1217 | 222    | .068  | .028  | .598  |
| 225 | 1218 | 209    | .067  | .035  | .531  |
| 225 | 1219 | 294    | .124  | .084  | .082  |
| 225 | 1220 | 259    | .102  | .033  | .963  |
| 225 | 1221 | 235    | .064  | .052  | .541  |
| 225 | 1222 | 207    | .053  | .070  | .447  |
| 225 | 1223 | 197    | .049  | .063  | .523  |
| 225 | 1224 | 224    | .094  | .111  | .639  |
| 225 | 1225 | 221    | .073  | .000  | .527  |
| 225 | 1226 | 194    | .059  | .005  | .428  |
| 225 | 1227 | 187    | .049  | .033  | .458  |
| 225 | 1228 | 183    | .041  | .047  | .371  |
| 225 | 1229 | 158    | .072  | .090  | .437  |
| 225 | 1230 | 149    | .052  | .047  | .384  |
| 225 | 1231 | 148    | .052  | .068  | .324  |
| 225 | 1232 | 167    | .046  | .028  | .369  |
| 225 | 1233 | 195    | .043  | .012  | .409  |
| 225 | 1234 | 171    | .036  | .042  | .344  |
| 225 | 1235 | 008    | .064  | .280  | .198  |
| 225 | 1236 | 044    | .059  | .196  | .217  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|
| 225 | 1237 | 101    | .075  | .257  | -.309  |
| 225 | 1238 | 167    | .048  | -.014 | -.377  |
| 225 | 1239 | 119    | .042  | -.036 | -.300  |
| 225 | 1240 | 056    | .057  | .174  | -.266  |
| 225 | 1241 | 135    | .050  | -.078 | -.352  |
| 225 | 1242 | 171    | .043  | -.024 | -.348  |
| 225 | 1301 | 203    | .078  | -.020 | -.791  |
| 225 | 1302 | 243    | .101  | -.026 | -1.173 |
| 225 | 1303 | 229    | .075  | -.009 | -.630  |
| 225 | 1304 | 223    | .072  | -.002 | -.533  |
| 225 | 1305 | 217    | .081  | -.023 | -.605  |
| 225 | 1306 | 227    | .076  | -.012 | -.617  |
| 225 | 1307 | 232    | .075  | -.002 | -.654  |
| 225 | 1308 | 245    | .072  | -.024 | -.592  |
| 225 | 1309 | 181    | .075  | -.014 | -.548  |
| 225 | 1310 | 193    | .052  | -.024 | -.492  |
| 225 | 1311 | 197    | .050  | -.038 | -.427  |
| 225 | 1312 | 202    | .058  | -.043 | -.488  |
| 225 | 1313 | 171    | .070  | -.016 | -.753  |
| 225 | 1314 | 172    | .043  | -.038 | -.375  |
| 225 | 1315 | 175    | .039  | -.054 | -.373  |
| 225 | 1316 | 180    | .042  | -.054 | -.367  |
| 225 | 1317 | 160    | .060  | -.011 | -.512  |
| 225 | 1318 | 178    | .041  | -.028 | -.419  |
| 225 | 1319 | 182    | .038  | -.080 | -.366  |
| 225 | 1320 | 182    | .041  | -.064 | -.374  |
| 225 | 1321 | 153    | .055  | -.002 | -.516  |
| 225 | 1322 | 176    | .041  | -.059 | -.384  |
| 225 | 1323 | 178    | .039  | -.050 | -.356  |
| 225 | 1324 | 178    | .040  | -.047 | -.341  |
| 225 | 1325 | 138    | .041  | -.011 | -.339  |
| 225 | 1326 | 162    | .037  | -.007 | -.356  |
| 225 | 1327 | 168    | .037  | -.045 | -.382  |
| 225 | 1328 | 181    | .037  | -.073 | -.384  |
| 225 | 1329 | 143    | .037  | -.034 | -.312  |
| 225 | 1330 | 183    | .039  | -.087 | -.349  |
| 225 | 1331 | 198    | .044  | -.094 | -.429  |
| 225 | 1332 | 135    | .028  | -.028 | -.235  |
| 225 | 1401 | 178    | .078  | -.030 | -.525  |
| 225 | 1402 | 241    | .108  | -.019 | -.693  |
| 225 | 1403 | 297    | .135  | -.002 | -.854  |
| 225 | 1404 | 356    | .158  | -.012 | -1.076 |
| 225 | 1405 | 380    | .164  | -.005 | -1.103 |
| 225 | 1406 | 617    | .235  | -.026 | -1.763 |
| 225 | 1407 | 208    | .076  | -.007 | -.637  |
| 225 | 1408 | 493    | .170  | -.133 | -1.348 |
| 225 | 1409 | 207    | .101  | -.102 | -.680  |
| 225 | 1410 | 277    | .113  | -.016 | -.804  |
| 225 | 1411 | 405    | .137  | -.042 | -1.102 |
| 225 | 1412 | 439    | .142  | -.097 | -1.215 |

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|
| 225 | 1413 | 391    | .130  | -.091 | -.916  |
| 225 | 1414 | 249    | .112  | -.045 | -.862  |
| 225 | 1415 | 276    | .102  | -.014 | -.821  |
| 225 | 1416 | 323    | .117  | -.009 | -.884  |
| 225 | 1417 | 356    | .116  | -.048 | -.946  |
| 225 | 1418 | 369    | .124  | -.113 | -1.013 |
| 225 | 1419 | 197    | .072  | -.005 | -.532  |
| 225 | 1420 | 227    | .093  | -.062 | -.678  |
| 225 | 1421 | 302    | .112  | -.020 | -.848  |
| 225 | 1422 | 377    | .121  | -.000 | -1.025 |
| 225 | 1423 | 406    | .119  | -.106 | -1.083 |
| 225 | 1424 | 170    | .040  | -.050 | -.384  |
| 225 | 1425 | 128    | .047  | -.020 | -.596  |
| 225 | 1426 | 175    | .065  | -.000 | -.738  |
| 225 | 1427 | 306    | .113  | -.042 | -.814  |
| 225 | 1428 | 457    | .119  | -.000 | -.926  |
| 225 | 1429 | 133    | .034  | -.036 | -.259  |
| 225 | 1430 | 310    | .118  | -.115 | -.799  |
| 225 | 1431 | 130    | .029  | -.012 | -.241  |
| 225 | 1432 | 128    | .032  | -.012 | -.254  |
| 225 | 1433 | 098    | .041  | -.064 | -.259  |
| 225 | 1434 | 154    | .067  | -.127 | -.403  |
| 225 | 1435 | 214    | .058  | -.026 | -.427  |
| 225 | 1501 | 227    | .114  | -.235 | -.635  |
| 225 | 1502 | 096    | .122  | -.467 | -.568  |
| 225 | 1503 | 033    | .192  | -.636 | -.658  |
| 225 | 1504 | 125    | .182  | -.643 | -.724  |
| 225 | 1505 | 453    | .139  | -.052 | -1.052 |
| 225 | 1506 | 194    | .138  | -.472 | -.855  |
| 225 | 1507 | 267    | .266  | -.626 | -1.353 |
| 225 | 1508 | 108    | .121  | -.531 | -.654  |
| 225 | 1509 | 185    | .174  | -.561 | -1.047 |
| 225 | 1510 | 269    | .108  | -.165 | -.748  |
| 225 | 1511 | 402    | .324  | -.491 | -1.575 |
| 225 | 1512 | 276    | .085  | -.024 | -.647  |
| 225 | 1513 | 072    | .106  | -.347 | -.746  |
| 225 | 1514 | 190    | .167  | -.251 | -1.108 |
| 225 | 1515 | 522    | .276  | -.374 | -1.455 |
| 225 | 1516 | 264    | .078  | -.052 | -.590  |
| 225 | 1517 | 088    | .090  | -.181 | -.585  |
| 225 | 1518 | 185    | .130  | -.176 | -.990  |
| 225 | 1519 | 538    | .247  | -.269 | -1.466 |
| 225 | 1520 | 243    | .078  | -.140 | -.619  |
| 225 | 1521 | 047    | .075  | -.310 | -.367  |
| 225 | 1522 | 117    | .098  | -.193 | -.782  |
| 225 | 1523 | 355    | .221  | -.285 | -1.290 |
| 225 | 1524 | 192    | .069  | -.083 | -.479  |
| 225 | 1525 | 020    | .065  | -.299 | -.430  |
| 225 | 1526 | 038    | .075  | -.268 | -.444  |
| 225 | 1527 | 128    | .155  | -.289 | -.749  |

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|
| 225 | 1528 | 072    | .054  | .271  | -.311  |
| 225 | 1529 | 018    | .084  | .275  | -.399  |
| 225 | 1530 | 072    | .059  | .427  | -.212  |
| 225 | 1531 | 049    | .048  | .377  | -.131  |
| 225 | 1532 | 008    | .081  | .321  | -.396  |
| 225 | 1601 | .123   | .208  | .766  | -.439  |
| 225 | 1602 | .219   | .209  | .793  | -.401  |
| 225 | 1603 | .252   | .209  | .899  | -.380  |
| 225 | 1604 | .269   | .198  | .886  | -.481  |
| 225 | 1605 | .298   | .192  | .879  | -.377  |
| 225 | 1606 | .389   | .139  | -.024 | -1.214 |
| 225 | 1607 | .146   | .204  | .851  | -.476  |
| 225 | 1608 | .373   | .210  | .903  | -.289  |
| 225 | 1609 | .035   | .128  | .535  | -.362  |
| 225 | 1610 | .279   | .142  | .902  | -.084  |
| 225 | 1611 | .427   | .176  | .956  | -.035  |
| 225 | 1612 | .439   | .187  | .991  | -.094  |
| 225 | 1613 | .291   | .186  | .825  | -.305  |
| 225 | 1614 | .019   | .090  | .454  | -.294  |
| 225 | 1615 | .246   | .106  | .684  | -.050  |
| 225 | 1616 | .327   | .124  | .757  | -.000  |
| 225 | 1617 | .389   | .155  | .962  | -.074  |
| 225 | 1618 | .253   | .164  | .825  | -.302  |
| 225 | 1619 | .016   | .088  | .408  | -.317  |
| 225 | 1620 | .174   | .093  | .695  | -.079  |
| 225 | 1621 | .254   | .119  | .901  | -.044  |
| 225 | 1622 | .282   | .128  | .840  | -.075  |
| 225 | 1623 | .161   | .133  | .639  | -.226  |
| 225 | 1624 | .021   | .074  | .308  | -.295  |
| 225 | 1625 | .092   | .072  | .399  | -.164  |
| 225 | 1626 | .119   | .081  | .493  | -.146  |
| 225 | 1627 | .110   | .103  | .530  | -.202  |
| 225 | 1628 | .032   | .110  | .527  | -.249  |
| 225 | 1629 | .075   | .063  | .386  | -.175  |
| 225 | 1630 | .042   | .073  | .429  | -.163  |
| 225 | 1631 | .133   | .070  | .460  | -.059  |
| 225 | 1632 | .161   | .076  | .490  | -.050  |
| 225 | 1633 | .151   | .084  | .530  | -.089  |
| 225 | 1634 | .128   | .087  | .596  | -.071  |
| 225 | 1635 | .101   | .086  | .593  | -.096  |
| 225 | 1701 | .110   | .043  | .365  | -.038  |
| 225 | 1702 | 152    | .058  | .103  | -.414  |
| 225 | 1703 | 151    | .048  | .009  | -.327  |
| 225 | 1704 | 029    | .080  | .373  | -.308  |
| 225 | 1705 | 027    | .073  | .321  | -.308  |
| 225 | 1706 | 016    | .064  | .259  | -.265  |
| 225 | 1707 | 122    | .068  | .068  | -.568  |
| 225 | 1708 | 038    | .070  | .176  | -.489  |
| 225 | 1709 | 061    | .099  | .435  | -.251  |
| 225 | 1710 | 007    | .100  | .416  | -.588  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 225 | 1711 | .111   | .072  | .350  | -.184  | 225 | 1836 | .113   | .040  | .248  | -.042  | 225 | 2112 | -.377  | .141  | -.058 | -1.306 |
| 225 | 1712 | -.079  | .072  | .153  | -.502  | 225 | 1837 | -.038  | .031  | .081  | -.143  | 225 | 2113 | -.371  | .127  | -.115 | -1.159 |
| 225 | 1713 | -.176  | .080  | .096  | -.517  | 225 | 1838 | -.073  | .048  | .156  | -.222  | 225 | 2114 | -.387  | .163  | -.025 | -1.237 |
| 225 | 1714 | -.004  | .060  | .238  | -.226  | 225 | 1839 | -.029  | .062  | .244  | -.213  | 225 | 2115 | -.368  | .139  | -.018 | -1.228 |
| 225 | 1715 | -.286  | .134  | .018  | -.821  | 225 | 1840 | -.085  | .034  | .190  | -.093  | 225 | 2116 | -.354  | .134  | -.040 | -1.369 |
| 225 | 1716 | -.121  | .091  | .139  | -.547  | 225 | 1841 | -.083  | .037  | .052  | -.234  | 225 | 2117 | -.360  | .118  | -.081 | -.937  |
| 225 | 1717 | -.313  | .150  | .144  | -1.023 | 225 | 1842 | -.294  | .086  | .087  | -.725  | 225 | 2118 | -.394  | .140  | -.009 | -1.198 |
| 225 | 1718 | -.353  | .136  | .078  | -1.020 | 225 | 1843 | -.010  | .072  | .283  | -.233  | 225 | 2119 | -.390  | .123  | -.018 | -1.271 |
| 225 | 1719 | -.339  | .120  | .068  | -.964  | 225 | 1844 | -.088  | .032  | .186  | -.044  | 225 | 2120 | -.376  | .114  | -.103 | -1.250 |
| 225 | 1720 | -.194  | .076  | .580  | -.086  | 225 | 1845 | -.077  | .037  | .081  | -.196  | 225 | 2121 | -.362  | .110  | -.138 | -.934  |
| 225 | 1721 | -.135  | .061  | .083  | -.423  | 225 | 1846 | -.087  | .041  | .078  | -.220  | 225 | 2122 | -.314  | .089  | -.065 | -.694  |
| 225 | 1722 | -.115  | .066  | .117  | -.505  | 225 | 1847 | -.038  | .068  | .387  | -.172  | 225 | 2123 | -.330  | .095  | -.036 | -.732  |
| 225 | 1723 | -.023  | .055  | .256  | -.134  | 225 | 1848 | -.062  | .062  | .144  | -.361  | 225 | 2124 | -.396  | .111  | -.027 | -.904  |
| 225 | 1724 | -.258  | .122  | .031  | -.733  | 225 | 1849 | -.068  | .073  | .254  | -.328  | 225 | 2125 | -.613  | .246  | -.204 | -1.993 |
| 225 | 1725 | -.365  | .147  | .122  | -.000  | 225 | 1850 | -.022  | .052  | .256  | -.137  | 225 | 2126 | -.259  | .077  | -.070 | -.586  |
| 225 | 1801 | -.103  | .117  | .430  | -.508  | 225 | 1851 | -.048  | .027  | .077  | -.131  | 225 | 2127 | -.275  | .077  | -.061 | -.574  |
| 225 | 1802 | -.004  | .184  | .629  | -.668  | 225 | 1852 | -.048  | .027  | .077  | -.131  | 225 | 2128 | -.294  | .075  | -.004 | -.523  |
| 225 | 1803 | -.096  | .115  | .370  | -.500  | 225 | 1853 | -.067  | .028  | .031  | -.156  | 225 | 2129 | -.505  | .144  | -.126 | -1.121 |
| 225 | 1804 | -.014  | .078  | .360  | -.207  | 225 | 1854 | -.056  | .030  | .043  | -.167  | 225 | 2130 | -.225  | .077  | .005  | -.534  |
| 225 | 1805 | -.116  | .056  | .119  | -.304  | 225 | 1855 | -.035  | .028  | .097  | -.128  | 225 | 2201 | -.165  | .098  | .227  | -.580  |
| 225 | 1806 | -.314  | .087  | .032  | -.801  | 225 | 1856 | -.032  | .031  | .091  | -.117  | 225 | 2202 | -.045  | .107  | .418  | -.499  |
| 225 | 1807 | -.150  | .066  | .432  | -.044  | 225 | 1857 | -.035  | .034  | .102  | -.130  | 225 | 2203 | -.028  | .100  | .380  | -.362  |
| 225 | 1808 | -.106  | .061  | .106  | -.394  | 225 | 1858 | -.125  | .107  | .191  | -.624  | 225 | 2204 | -.021  | .098  | .372  | -.408  |
| 225 | 1809 | -.096  | .078  | .224  | -.544  | 225 | 1859 | -.122  | .090  | .178  | -.546  | 225 | 2205 | -.014  | .098  | .337  | -.360  |
| 225 | 1810 | -.060  | .127  | .401  | -.548  | 225 | 1860 | -.000  | .000  | .000  | -.000  | 225 | 2206 | -.026  | .129  | .412  | -.546  |
| 225 | 1811 | -.045  | .091  | .321  | -.440  | 225 | 1861 | -.039  | .057  | .168  | -.427  | 225 | 2207 | -.200  | .097  | .317  | -.735  |
| 225 | 1812 | -.001  | .063  | .328  | -.182  | 225 | 1862 | -.039  | .041  | .107  | -.229  | 225 | 2208 | -.082  | .205  | .665  | -1.167 |
| 225 | 1813 | -.144  | .044  | .069  | -.302  | 225 | 1863 | -.095  | .041  | .040  | -.259  | 225 | 2209 | -.219  | .087  | .101  | -.641  |
| 225 | 1814 | -.240  | .052  | .086  | -.573  | 225 | 1864 | -.116  | .054  | .274  | -.669  | 225 | 2210 | -.066  | .075  | .268  | -.367  |
| 225 | 1815 | -.125  | .051  | .321  | -.113  | 225 | 1865 | -.028  | .044  | .057  | -.344  | 225 | 2211 | -.044  | .082  | .353  | -.330  |
| 225 | 1816 | -.078  | .042  | .088  | -.238  | 225 | 1866 | -.068  | .039  | .138  | -.179  | 225 | 2212 | -.111  | .094  | .419  | -.304  |
| 225 | 1817 | -.060  | .053  | .160  | -.236  | 225 | 1867 | -.083  | .084  | .064  | -.202  | 225 | 2213 | -.072  | .213  | .578  | -.832  |
| 225 | 1818 | -.027  | .072  | .297  | -.285  | 225 | 1868 | -.080  | .044  | .430  | -.285  | 225 | 2214 | -.219  | .091  | .139  | -.680  |
| 225 | 1819 | -.056  | .095  | .206  | -.489  | 225 | 1869 | -.003  | .043  | .100  | -.256  | 225 | 2215 | -.103  | .072  | .243  | -.366  |
| 225 | 1820 | -.021  | .070  | .407  | -.151  | 225 | 1870 | -.042  | .059  | .160  | -.133  | 225 | 2216 | -.026  | .071  | .286  | -.248  |
| 225 | 1821 | -.134  | .048  | .199  | -.293  | 225 | 1871 | -.027  | .040  | .290  | -.112  | 225 | 2217 | -.089  | .084  | .371  | -.234  |
| 225 | 1822 | -.234  | .076  | .653  | -.011  | 225 | 1872 | -.079  | .038  | .194  | -.178  | 225 | 2218 | -.061  | .195  | .508  | -.886  |
| 225 | 1823 | -.050  | .050  | .129  | -.367  | 225 | 1873 | -.088  | .038  | .037  | -.273  | 225 | 2219 | -.259  | .079  | -.036 | -.692  |
| 225 | 1824 | -.058  | .044  | .235  | -.111  | 225 | 2101 | -.330  | .121  | .033  | -.267  | 225 | 2220 | -.118  | .059  | .126  | -.358  |
| 225 | 1825 | -.042  | .051  | .200  | -.205  | 225 | 2102 | -.360  | .138  | .034  | -.954  | 225 | 2221 | -.002  | .065  | .272  | -.198  |
| 225 | 1826 | -.015  | .082  | .421  | -.318  | 225 | 2103 | -.433  | .136  | .109  | -.931  | 225 | 2222 | -.057  | .074  | .389  | -.168  |
| 225 | 1827 | -.015  | .084  | .335  | -.346  | 225 | 2104 | -.473  | .180  | .053  | -1.090 | 225 | 2223 | -.020  | .158  | .506  | -.629  |
| 225 | 1828 | -.004  | .054  | .133  | -.252  | 225 | 2105 | -.419  | .137  | .080  | -1.406 | 225 | 2224 | -.257  | .083  | -.041 | -.802  |
| 225 | 1829 | -.131  | .037  | .027  | -.268  | 225 | 2106 | -.360  | .129  | .061  | -1.045 | 225 | 2225 | -.054  | .060  | .184  | -.270  |
| 225 | 1830 | -.231  | .061  | .050  | -.540  | 225 | 2107 | -.429  | .160  | .126  | -1.059 | 225 | 2226 | -.023  | .066  | .268  | -.315  |
| 225 | 1831 | -.107  | .041  | .041  | -.265  | 225 | 2108 | -.345  | .117  | .020  | -1.440 | 225 | 2227 | -.007  | .083  | .299  | -.256  |
| 225 | 1832 | -.067  | .038  | .230  | -.077  | 225 | 2109 | -.430  | .155  | -.000 | -.868  | 225 | 2228 | -.028  | .129  | .417  | -.556  |
| 225 | 1833 | -.057  | .040  | .094  | -.184  | 225 | 2110 | -.395  | .164  | .115  | -1.723 | 225 | 2229 | -.085  | .094  | .299  | -.594  |
| 225 | 1834 | -.061  | .045  | .128  | -.215  | 225 | 2111 | -.388  | .148  | .047  | -1.327 | 225 | 2230 | -.127  | .126  | .494  | -.624  |
| 225 | 1835 | -.017  | .074  | .380  | -.238  | 225 |      |        |       | .025  | -1.161 | 225 | 2231 | -.004  | .123  | .366  | -.721  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 225 | 2232 | 072    | 100   | 358   | 502   | 225 | 2408 | 296    | 093   | 005   | 718   | 225 | 2523 | 348    | 115   | 075   | 776   |
| 225 | 2233 | 042    | 101   | 360   | 504   | 225 | 2409 | 608    | 153   | 174   | 222   | 225 | 2524 | 301    | 106   | 015   | 784   |
| 225 | 2234 | 021    | 111   | 492   | 329   | 225 | 2410 | 664    | 167   | 223   | 1319  | 225 | 2525 | 274    | 097   | 031   | 675   |
| 225 | 2235 | 311    | 174   | 938   | 194   | 225 | 2411 | 654    | 196   | 037   | 415   | 225 | 2526 | 280    | 101   | 026   | 785   |
| 225 | 2236 | 187    | 155   | 753   | 271   | 225 | 2412 | 543    | 192   | 158   | 216   | 225 | 2527 | 274    | 106   | 063   | 909   |
| 225 | 2237 | 149    | 192   | 381   | 217   | 225 | 2413 | 422    | 185   | 124   | 169   | 225 | 2528 | 237    | 090   | 052   | 676   |
| 225 | 2238 | 103    | 168   | 300   | 164   | 225 | 2414 | 647    | 171   | 117   | 592   | 225 | 2529 | 241    | 100   | 048   | 849   |
| 225 | 2239 | 013    | 124   | 443   | 534   | 225 | 2415 | 681    | 183   | 076   | 593   | 225 | 2530 | 231    | 104   | 046   | 847   |
| 225 | 2240 | 303    | 173   | 1030  | 131   | 225 | 2416 | 670    | 197   | 009   | 540   | 225 | 2531 | 228    | 077   | 071   | 741   |
| 225 | 2241 | 022    | 104   | 330   | 390   | 225 | 2417 | 514    | 193   | 146   | 271   | 225 | 2532 | 229    | 091   | 059   | 833   |
| 225 | 2242 | 048    | 122   | 345   | 658   | 225 | 2418 | 452    | 186   | 027   | 199   | 225 | 2601 | 269    | 081   | 051   | 685   |
| 225 | 2301 | 383    | 136   | 885   | 274   | 225 | 2419 | 667    | 168   | 219   | 561   | 225 | 2602 | 262    | 074   | 070   | 835   |
| 225 | 2302 | 363    | 136   | 814   | 280   | 225 | 2420 | 677    | 195   | 101   | 608   | 225 | 2603 | 257    | 070   | 058   | 703   |
| 225 | 2303 | 349    | 126   | 750   | 180   | 225 | 2421 | 506    | 200   | 124   | 388   | 225 | 2604 | 273    | 074   | 086   | 683   |
| 225 | 2304 | 349    | 125   | 748   | 182   | 225 | 2422 | 441    | 189   | 041   | 112   | 225 | 2605 | 270    | 083   | 044   | 917   |
| 225 | 2305 | 855    | 183   | 185   | 529   | 225 | 2423 | 409    | 159   | 095   | 127   | 225 | 2606 | 270    | 085   | 036   | 770   |
| 225 | 2306 | 507    | 146   | 976   | 074   | 225 | 2424 | 674    | 216   | 212   | 849   | 225 | 2607 | 264    | 076   | 039   | 783   |
| 225 | 2307 | 505    | 142   | 912   | 028   | 225 | 2425 | 626    | 232   | 011   | 690   | 225 | 2608 | 291    | 084   | 064   | 739   |
| 225 | 2308 | 482    | 144   | 959   | 180   | 225 | 2426 | 471    | 209   | 025   | 393   | 225 | 2609 | 283    | 077   | 034   | 653   |
| 225 | 2309 | 423    | 135   | 823   | 073   | 225 | 2427 | 246    | 113   | 097   | 748   | 225 | 2610 | 283    | 067   | 036   | 568   |
| 225 | 2310 | 412    | 142   | 979   | 041   | 225 | 2428 | 238    | 082   | 036   | 763   | 225 | 2611 | 279    | 069   | 065   | 705   |
| 225 | 2311 | 603    | 156   | 120   | 155   | 225 | 2429 | 445    | 183   | 126   | 491   | 225 | 2612 | 302    | 088   | 088   | 794   |
| 225 | 2312 | 603    | 153   | 092   | 171   | 225 | 2430 | 197    | 061   | 045   | 467   | 225 | 2613 | 316    | 113   | 044   | 079   |
| 225 | 2313 | 345    | 133   | 774   | 073   | 225 | 2431 | 198    | 061   | 008   | 485   | 225 | 2614 | 326    | 092   | 048   | 660   |
| 225 | 2314 | 355    | 131   | 812   | 113   | 225 | 2432 | 175    | 042   | 054   | 347   | 225 | 2615 | 288    | 067   | 065   | 396   |
| 225 | 2315 | 523    | 151   | 034   | 007   | 225 | 2433 | 143    | 038   | 013   | 291   | 225 | 2616 | 289    | 058   | 098   | 560   |
| 225 | 2316 | 517    | 152   | 027   | 007   | 225 | 2434 | 179    | 044   | 063   | 397   | 225 | 2617 | 280    | 081   | 085   | 805   |
| 225 | 2317 | 319    | 126   | 777   | 046   | 225 | 2435 | 119    | 042   | 118   | 300   | 225 | 2618 | 290    | 099   | 051   | 869   |
| 225 | 2318 | 298    | 130   | 769   | 063   | 225 | 2501 | 343    | 096   | 056   | 833   | 225 | 2619 | 313    | 100   | 053   | 766   |
| 225 | 2319 | 401    | 144   | 850   | 009   | 225 | 2502 | 345    | 103   | 034   | 802   | 225 | 2620 | 302    | 082   | 096   | 828   |
| 225 | 2320 | 381    | 142   | 842   | 027   | 225 | 2503 | 356    | 103   | 063   | 832   | 225 | 2621 | 270    | 060   | 080   | 559   |
| 225 | 2321 | 140    | 116   | 589   | 221   | 225 | 2504 | 379    | 103   | 103   | 084   | 225 | 2622 | 275    | 075   | 053   | 660   |
| 225 | 2322 | 229    | 126   | 737   | 138   | 225 | 2505 | 304    | 073   | 080   | 692   | 225 | 2623 | 296    | 104   | 012   | 943   |
| 225 | 2323 | 268    | 124   | 764   | 037   | 225 | 2506 | 282    | 081   | 058   | 749   | 225 | 2624 | 249    | 077   | 066   | 708   |
| 225 | 2324 | 218    | 109   | 651   | 050   | 225 | 2507 | 278    | 082   | 051   | 635   | 225 | 2625 | 245    | 064   | 080   | 585   |
| 225 | 2325 | 028    | 095   | 437   | 047   | 225 | 2508 | 342    | 096   | 015   | 693   | 225 | 2626 | 264    | 072   | 046   | 611   |
| 225 | 2326 | 284    | 116   | 737   | 011   | 225 | 2509 | 278    | 076   | 060   | 614   | 225 | 2627 | 288    | 081   | 046   | 739   |
| 225 | 2327 | 251    | 105   | 690   | 005   | 225 | 2510 | 339    | 103   | 041   | 910   | 225 | 2628 | 299    | 089   | 007   | 887   |
| 225 | 2328 | 085    | 102   | 486   | 200   | 225 | 2511 | 295    | 091   | 007   | 761   | 225 | 2629 | 211    | 079   | 046   | 847   |
| 225 | 2329 | 029    | 094   | 320   | 441   | 225 | 2512 | 386    | 139   | 037   | 863   | 225 | 2630 | 289    | 103   | 058   | 975   |
| 225 | 2330 | 007    | 069   | 318   | 289   | 225 | 2513 | 323    | 110   | 029   | 883   | 225 | 2631 | 177    | 058   | 017   | 575   |
| 225 | 2331 | 087    | 065   | 205   | 362   | 225 | 2514 | 317    | 107   | 007   | 879   | 225 | 2632 | 197    | 058   | 022   | 617   |
| 225 | 2332 | 021    | 046   | 212   | 167   | 225 | 2515 | 325    | 115   | 036   | 960   | 225 | 2633 | 231    | 072   | 046   | 532   |
| 225 | 2401 | 800    | 204   | 300   | 749   | 225 | 2516 | 411    | 154   | 049   | 172   | 225 | 2634 | 244    | 077   | 043   | 744   |
| 225 | 2402 | 816    | 191   | 289   | 549   | 225 | 2517 | 351    | 126   | 019   | 888   | 225 | 2635 | 253    | 076   | 041   | 526   |
| 225 | 2403 | 656    | 182   | 182   | 360   | 225 | 2518 | 348    | 122   | 017   | 989   | 225 | 2701 | 047    | 085   | 190   | 419   |
| 225 | 2404 | 474    | 167   | 052   | 182   | 225 | 2519 | 355    | 130   | 032   | 946   | 225 | 2702 | 149    | 066   | 062   | 606   |
| 225 | 2405 | 343    | 125   | 004   | 891   | 225 | 2520 | 421    | 147   | 061   | 165   | 225 | 2703 | 087    | 072   | 219   | 369   |
| 225 | 2406 | 313    | 094   | 005   | 755   | 225 | 2521 | 369    | 126   | 073   | 936   | 225 | 2704 | 230    | 144   | 171   | 975   |
| 225 | 2407 | 769    | 193   | 275   | 602   | 225 | 2522 | 363    | 122   | 002   | 833   | 225 | 2705 | 168    | 112   | 885   | 138   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|------|-------|--------|-------|-------|--------|-----|-------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|
| 2255 | 2706  | -.134  | .098  | .267  | -.694  | 225 | 2831  | -.098  | .031  | .039  | -.198 | 240 | 107  | -.550  | .212  | .054  | -1.545 |
| 2255 | 2707  | -.126  | .084  | .203  | -.746  | 225 | 2832  | -.080  | .030  | .174  | -.021 | 240 | 108  | -.474  | .151  | .021  | -1.150 |
| 2255 | 2708  | -.151  | .083  | .164  | -.644  | 225 | 2833  | -.078  | .038  | .062  | -.203 | 240 | 109  | -.436  | .133  | -.042 | -1.112 |
| 2255 | 2709  | -.207  | .061  | -.046 | -.475  | 225 | 2834  | -.188  | .070  | -.038 | -.533 | 240 | 110  | -.368  | .125  | -.009 | -1.021 |
| 225  | 2710  | -.171  | .035  | .076  | -.424  | 225 | 2835  | -.253  | .072  | -.041 | -.543 | 240 | 111  | -.287  | .085  | -.021 | -.692  |
| 225  | 2711  | -.326  | .156  | 1.128 | -.114  | 225 | 2836  | -.236  | .058  | .521  | -.090 | 240 | 112  | -.189  | .062  | -.002 | -.493  |
| 225  | 2712  | -.047  | .065  | .172  | -.370  | 225 | 2837  | -.067  | .024  | .024  | -.170 | 240 | 201  | -.144  | .127  | .274  | -.759  |
| 225  | 2713  | -.086  | .060  | .296  | -.474  | 225 | 2838  | -.181  | .062  | -.012 | -.474 | 240 | 202  | -.178  | .126  | .327  | -.715  |
| 225  | 2714  | -.158  | .063  | .046  | -.471  | 225 | 2839  | -.207  | .056  | -.014 | -.437 | 240 | 203  | -.173  | .127  | .292  | -.747  |
| 225  | 2715  | -.181  | .050  | .443  | -.050  | 225 | 2840  | -.196  | .041  | .431  | -.076 | 240 | 204  | -.210  | .134  | .202  | -.850  |
| 225  | 2716  | -.478  | .132  | -.093 | -1.007 | 225 | 2841  | -.076  | .031  | .129  | -.177 | 240 | 205  | -.181  | .054  | .016  | -.407  |
| 225  | 2717  | -.015  | .098  | .477  | -.367  | 225 | 2842  | -.122  | .034  | -.000 | -.267 | 240 | 206  | -.139  | .049  | .110  | -.329  |
| 225  | 2718  | -.068  | .101  | .286  | -.443  | 225 | 2843  | -.198  | .051  | -.041 | -.427 | 240 | 207  | -.085  | .060  | .126  | -.312  |
| 225  | 2719  | -.082  | .119  | .302  | -.519  | 225 | 2844  | -.190  | .043  | .381  | -.064 | 240 | 208  | -.071  | .062  | .122  | -.311  |
| 225  | 2720  | -.003  | .081  | .402  | -.305  | 225 | 2845  | -.074  | .029  | .026  | -.193 | 240 | 209  | -.103  | .076  | .186  | -.454  |
| 225  | 2721  | -.076  | .065  | .241  | -.615  | 225 | 2846  | -.112  | .031  | -.012 | -.262 | 240 | 210  | -.107  | .060  | .094  | -.466  |
| 225  | 2722  | -.066  | .064  | .198  | -.493  | 225 | 2847  | -.237  | .078  | .056  | -.548 | 240 | 211  | -.117  | .063  | .101  | -.368  |
| 225  | 2723  | -.148  | .086  | .138  | -.734  | 225 | 2848  | -.227  | .079  | .509  | -.026 | 240 | 212  | -.179  | .072  | .067  | -.499  |
| 225  | 2724  | -.178  | .047  | .347  | -.024  | 225 | 2849  | -.201  | .064  | .019  | -.425 | 240 | 1101 | -.333  | .085  | -.092 | -.792  |
| 225  | 2725  | -.166  | .045  | -.017 | -.343  | 225 | 2850  | -.138  | .040  | -.002 | -.305 | 240 | 1102 | -.333  | .089  | -.088 | -.690  |
| 225  | 28001 | -.254  | .076  | -.014 | -.567  | 225 | 2851  | -.145  | .033  | .049  | -.263 | 240 | 1103 | -.300  | .094  | -.024 | -.726  |
| 225  | 28002 | -.288  | .078  | -.068 | -.623  | 225 | 28511 | -.145  | .033  | .049  | -.263 | 240 | 1104 | -.308  | .095  | -.022 | -.729  |
| 225  | 28003 | -.290  | .089  | -.628 | -.038  | 225 | 2852  | -.128  | .029  | .010  | -.247 | 240 | 1105 | -.350  | .096  | -.033 | -.693  |
| 225  | 28004 | -.338  | .214  | -.091 | -1.462 | 225 | 2853  | -.071  | .025  | .034  | -.158 | 240 | 1106 | -.295  | .074  | -.047 | -.648  |
| 225  | 28005 | -.291  | .108  | .062  | -.732  | 225 | 2854  | -.067  | .023  | .017  | -.148 | 240 | 1107 | -.308  | .080  | .002  | -.675  |
| 225  | 28006 | -.179  | .049  | .041  | -.425  | 225 | 2855  | -.063  | .027  | .054  | -.148 | 240 | 1108 | -.274  | .059  | .062  | -.697  |
| 225  | 28007 | -.081  | .043  | .307  | -.071  | 225 | 2856  | -.106  | .024  | -.005 | -.204 | 240 | 1109 | -.302  | .082  | -.030 | -.611  |
| 225  | 28008 | -.083  | .054  | .107  | -.377  | 225 | 2857  | -.151  | .051  | .154  | -.398 | 240 | 1110 | -.271  | .066  | -.028 | -.786  |
| 225  | 28009 | -.174  | .067  | .048  | -.529  | 225 | 2858  | -.124  | .078  | .289  | -.416 | 240 | 1111 | -.285  | .067  | -.044 | -.661  |
| 225  | 28010 | -.201  | .054  | -.053 | -.490  | 225 | 2859  | -.016  | .087  | .444  | -.209 | 240 | 1112 | -.279  | .068  | -.058 | -.639  |
| 225  | 28011 | -.290  | .092  | .666  | -.048  | 225 | 2860  | -.009  | .099  | .473  | -.249 | 240 | 1113 | -.296  | .073  | -.065 | -.693  |
| 225  | 28012 | -.249  | .091  | -.038 | -.687  | 225 | 2861  | .081   | .106  | .518  | -.226 | 240 | 1114 | -.266  | .067  | -.103 | -.790  |
| 225  | 28013 | -.274  | .077  | -.081 | -1.051 | 225 | 2862  | -.107  | .113  | .584  | -.390 | 240 | 1115 | -.280  | .066  | -.098 | -.722  |
| 225  | 28014 | -.190  | .044  | -.075 | -.408  | 225 | 2863  | -.156  | .046  | -.019 | -.343 | 240 | 1116 | -.270  | .065  | -.086 | -.592  |
| 225  | 28015 | -.088  | .030  | .238  | -.026  | 225 | 2864  | -.134  | .056  | .084  | -.345 | 240 | 1117 | -.289  | .075  | -.093 | -.623  |
| 225  | 28016 | -.057  | .034  | .057  | -.172  | 225 | 2865  | -.066  | .067  | .334  | -.226 | 240 | 1118 | -.253  | .076  | -.063 | -.912  |
| 225  | 28017 | -.094  | .064  | .224  | -.322  | 225 | 2866  | -.027  | .069  | .340  | -.249 | 240 | 1119 | -.267  | .074  | -.075 | -.668  |
| 225  | 28018 | -.209  | .063  | -.068 | -.478  | 225 | 2867  | -.145  | .046  | .033  | -.339 | 240 | 1120 | -.260  | .073  | -.025 | -.632  |
| 225  | 28019 | -.258  | .068  | .542  | -.026  | 225 | 2868  | -.122  | .056  | .110  | -.355 | 240 | 1121 | -.287  | .090  | -.022 | -.700  |
| 225  | 28020 | -.170  | .054  | .026  | .367   | 225 | 2869  | -.020  | .064  | .355  | -.161 | 240 | 1122 | -.293  | .069  | -.048 | -.731  |
| 225  | 28021 | -.264  | .073  | -.069 | -.701  | 225 | 2870  | -.018  | .065  | .376  | -.172 | 240 | 1123 | -.285  | .076  | -.017 | -.666  |
| 225  | 28022 | -.187  | .042  | .343  | -.062  | 225 | 2871  | .048   | .071  | .372  | -.240 | 240 | 1124 | -.292  | .075  | -.022 | -.679  |
| 225  | 28023 | -.097  | .028  | .007  | -.193  | 225 | 2872  | .025   | .087  | .396  | -.297 | 240 | 1125 | -.293  | .077  | -.066 | -.755  |
| 225  | 28024 | -.031  | .186  | -.052 | -.052  | 225 | 2873  | .095   | .105  | .415  | -.307 | 240 | 1126 | -.277  | .066  | -.058 | -.825  |
| 225  | 28025 | -.066  | .181  | -.277 | -.052  | 240 | 101   | -.288  | .096  | .030  | -.662 | 240 | 1127 | -.295  | .061  | -.091 | -.629  |
| 225  | 28026 | -.184  | .064  | -.031 | -.431  | 240 | 102   | -.193  | .079  | .079  | -.445 | 240 | 1128 | -.280  | .063  | -.081 | -.567  |
| 225  | 28027 | -.247  | .073  | -.048 | -.485  | 240 | 103   | -.158  | .058  | .040  | -.395 | 240 | 1129 | -.276  | .069  | -.053 | -.658  |
| 225  | 28028 | -.170  | .045  | .376  | -.031  | 240 | 104   | -.227  | .085  | .009  | -.588 | 240 | 1130 | -.283  | .074  | -.047 | -.604  |
| 225  | 28029 | -.251  | .058  | -.072 | -.520  | 240 | 105   | -.233  | .114  | .009  | -.878 | 240 | 1201 | -.293  | .072  | -.065 | -.605  |
| 225  | 28030 | -.158  | .039  | -.033 | -.324  | 240 | 106   | -.327  | .152  | .072  | -.956 | 240 | 1202 | -.265  | .068  | -.053 | -.592  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 240 | 1203 | -.264  | .059  | -.053 | -.535 | 240 | 1311 | -.239  | .040  | -.108 | -.428  | 240 | 1429 | -.173  | .046  | .000  | -.354  |
| 240 | 1204 | -.254  | .034  | -.054 | -.464 | 240 | 1312 | -.233  | .040  | -.117 | -.425  | 240 | 1430 | -.364  | .175  | .115  | -1.137 |
| 240 | 1205 | -.259  | .050  | -.089 | -.444 | 240 | 1313 | -.186  | .044  | -.059 | -.390  | 240 | 1431 | -.156  | .043  | -.007 | -.348  |
| 240 | 1206 | -.234  | .049  | -.062 | -.474 | 240 | 1314 | -.226  | .044  | -.089 | -.526  | 240 | 1432 | -.164  | .050  | -.009 | -.425  |
| 240 | 1207 | -.278  | .067  | -.065 | -.530 | 240 | 1315 | -.233  | .043  | -.119 | -.512  | 240 | 1433 | -.143  | .063  | .101  | -.460  |
| 240 | 1208 | -.253  | .053  | -.084 | -.464 | 240 | 1316 | -.227  | .043  | -.103 | -.481  | 240 | 1434 | -.191  | .118  | .159  | -.641  |
| 240 | 1209 | -.286  | .056  | -.103 | -.603 | 240 | 1317 | -.190  | .046  | -.065 | -.514  | 240 | 1435 | -.274  | .093  | .089  | -.641  |
| 240 | 1210 | -.264  | .044  | -.130 | -.472 | 240 | 1318 | -.231  | .043  | -.110 | -.619  | 240 | 1501 | .020   | .165  | .554  | -.446  |
| 240 | 1211 | -.251  | .039  | -.125 | -.403 | 240 | 1319 | -.236  | .040  | -.112 | -.515  | 240 | 1502 | .108   | .205  | .726  | -.486  |
| 240 | 1212 | -.243  | .039  | -.121 | -.394 | 240 | 1320 | -.230  | .043  | -.096 | -.500  | 240 | 1503 | .189   | .236  | .574  | -1.074 |
| 240 | 1213 | -.248  | .042  | -.096 | -.400 | 240 | 1321 | -.195  | .044  | -.070 | -.417  | 240 | 1504 | .184   | .292  | .739  | -1.224 |
| 240 | 1214 | -.257  | .056  | -.088 | -.597 | 240 | 1322 | -.231  | .041  | -.115 | -.421  | 240 | 1505 | .428   | .171  | .079  | -1.241 |
| 240 | 1215 | -.253  | .047  | -.123 | -.533 | 240 | 1323 | -.235  | .039  | -.117 | -.391  | 240 | 1506 | .007   | .172  | .561  | -.452  |
| 240 | 1216 | -.244  | .039  | -.121 | -.396 | 240 | 1324 | -.231  | .043  | -.099 | -.479  | 240 | 1507 | .065   | .201  | .744  | -.724  |
| 240 | 1217 | -.240  | .033  | -.093 | -.348 | 240 | 1325 | -.203  | .054  | -.081 | -1.118 | 240 | 1508 | .121   | .196  | .849  | -.379  |
| 240 | 1218 | -.225  | .036  | -.046 | -.333 | 240 | 1326 | -.235  | .041  | -.117 | -.416  | 240 | 1509 | .083   | .182  | .734  | -.435  |
| 240 | 1219 | -.246  | .057  | -.079 | -.503 | 240 | 1327 | -.239  | .041  | -.131 | -.419  | 240 | 1510 | .058   | .153  | .619  | -.499  |
| 240 | 1220 | -.233  | .057  | -.093 | -.396 | 240 | 1328 | -.230  | .039  | -.113 | -.439  | 240 | 1511 | .132   | .204  | .929  | -.676  |
| 240 | 1221 | -.235  | .032  | -.140 | -.367 | 240 | 1329 | -.198  | .041  | -.070 | -.379  | 240 | 1512 | .183   | .107  | .268  | -.519  |
| 240 | 1222 | -.220  | .032  | -.090 | -.370 | 240 | 1330 | -.223  | .050  | -.056 | -.421  | 240 | 1513 | .052   | .121  | .619  | -.237  |
| 240 | 1223 | -.225  | .034  | -.036 | -.382 | 240 | 1331 | -.263  | .057  | -.110 | -.547  | 240 | 1514 | .062   | .126  | .587  | -.374  |
| 240 | 1224 | -.249  | .054  | -.012 | -.464 | 240 | 1332 | -.143  | .038  | -.031 | -.291  | 240 | 1515 | .077   | .147  | .703  | -.250  |
| 240 | 1225 | -.233  | .040  | -.086 | -.395 | 240 | 1401 | -.127  | .047  | -.027 | -.392  | 240 | 1516 | .243   | .075  | .059  | -.524  |
| 240 | 1226 | -.208  | .032  | -.058 | -.329 | 240 | 1402 | -.127  | .059  | -.056 | -.430  | 240 | 1517 | .035   | .086  | .275  | -.362  |
| 240 | 1227 | -.214  | .029  | -.097 | -.352 | 240 | 1403 | -.132  | .066  | -.058 | -.437  | 240 | 1518 | .045   | .085  | .358  | -.330  |
| 240 | 1228 | -.221  | .053  | -.068 | -.373 | 240 | 1404 | -.139  | .073  | -.066 | -.489  | 240 | 1519 | .046   | .127  | .444  | -.620  |
| 240 | 1229 | -.258  | .049  | -.122 | -.491 | 240 | 1405 | -.136  | .073  | -.104 | -.412  | 240 | 1520 | .223   | .068  | .114  | -.536  |
| 240 | 1230 | -.213  | .033  | -.111 | -.375 | 240 | 1406 | -.440  | .207  | -.136 | -1.421 | 240 | 1521 | .048   | .075  | .312  | -.299  |
| 240 | 1231 | -.204  | .030  | -.095 | -.296 | 240 | 1407 | -.185  | .046  | -.044 | -.395  | 240 | 1522 | .061   | .077  | .281  | -.329  |
| 240 | 1232 | -.198  | .030  | -.098 | -.284 | 240 | 1408 | -.442  | .190  | -.207 | -1.254 | 240 | 1523 | .069   | .127  | .344  | -.914  |
| 240 | 1233 | -.225  | .028  | -.126 | -.362 | 240 | 1409 | -.151  | .038  | -.011 | -.354  | 240 | 1524 | .174   | .099  | .440  | -.513  |
| 240 | 1234 | -.215  | .029  | -.120 | -.384 | 240 | 1410 | -.154  | .044  | -.091 | -.367  | 240 | 1525 | .011   | .080  | .393  | -.468  |
| 240 | 1235 | -.146  | .033  | -.000 | -.246 | 240 | 1411 | -.183  | .064  | -.021 | -.479  | 240 | 1526 | .007   | .075  | .326  | -.381  |
| 240 | 1236 | -.171  | .032  | -.054 | -.267 | 240 | 1412 | -.267  | .123  | -.031 | -.838  | 240 | 1527 | .002   | .094  | .357  | -.526  |
| 240 | 1237 | -.172  | .036  | -.030 | -.278 | 240 | 1413 | -.312  | .188  | -.115 | -1.271 | 240 | 1528 | .056   | .099  | .484  | -.343  |
| 240 | 1238 | -.202  | .031  | -.092 | -.296 | 240 | 1414 | -.192  | .040  | -.014 | -.337  | 240 | 1529 | .091   | .085  | .367  | -.389  |
| 240 | 1239 | -.167  | .029  | -.036 | -.261 | 240 | 1415 | -.181  | .045  | -.054 | -.370  | 240 | 1530 | .042   | .103  | .431  | -.571  |
| 240 | 1240 | -.174  | .031  | -.026 | -.267 | 240 | 1416 | -.192  | .059  | -.019 | -.432  | 240 | 1531 | .073   | .070  | .417  | -.183  |
| 240 | 1241 | -.191  | .029  | -.070 | -.283 | 240 | 1417 | -.285  | .112  | -.005 | -.755  | 240 | 1532 | .130   | .105  | .561  | -.405  |
| 240 | 1242 | -.211  | .030  | -.085 | -.334 | 240 | 1418 | -.434  | .135  | -.112 | -1.050 | 240 | 1601 | .090   | .207  | .802  | -.562  |
| 240 | 1301 | -.216  | .053  | -.070 | -.503 | 240 | 1419 | -.203  | .041  | -.063 | -.414  | 240 | 1602 | .025   | .161  | .628  | -.439  |
| 240 | 1302 | -.261  | .077  | -.096 | -.757 | 240 | 1420 | -.186  | .051  | -.014 | -.406  | 240 | 1603 | .010   | .149  | .570  | -.448  |
| 240 | 1303 | -.246  | .059  | -.065 | -.580 | 240 | 1421 | -.206  | .082  | -.032 | -.636  | 240 | 1604 | .043   | .136  | .522  | -.403  |
| 240 | 1304 | -.246  | .035  | -.070 | -.564 | 240 | 1422 | -.295  | .100  | -.007 | -.706  | 240 | 1605 | .063   | .130  | .501  | -.384  |
| 240 | 1305 | -.263  | .081  | -.047 | -.703 | 240 | 1423 | -.372  | .100  | -.033 | -.875  | 240 | 1606 | .221   | .075  | .035  | -.761  |
| 240 | 1306 | -.242  | .053  | -.101 | -.489 | 240 | 1424 | -.210  | .038  | -.087 | -.366  | 240 | 1607 | .164   | .180  | .861  | -.653  |
| 240 | 1307 | -.251  | .060  | -.108 | -.601 | 240 | 1425 | -.157  | .047  | -.002 | -.419  | 240 | 1608 | .077   | .105  | .478  | -.352  |
| 240 | 1308 | -.253  | .050  | -.117 | -.491 | 240 | 1426 | -.192  | .062  | -.002 | -.559  | 240 | 1609 | .151   | .122  | .676  | -.169  |
| 240 | 1309 | -.201  | .048  | -.054 | -.401 | 240 | 1427 | -.267  | .109  | -.005 | -.802  | 240 | 1610 | .168   | .107  | .600  | -.120  |
| 240 | 1310 | -.233  | .040  | -.091 | -.400 | 240 | 1428 | -.387  | .143  | -.023 | -.939  | 240 | 1611 | .104   | .091  | .600  | -.176  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 240 | 1612 | .049   | .084  | .502  | -.220 | 240 | 1802 | -.284  | .082  | .067  | -.716 | 240 | 1851 | -.113  | .023  | -.025 | -.211 |
| 240 | 1613 | -.072  | .071  | .281  | -.452 | 240 | 1803 | -.255  | .084  | .584  | -.082 | 240 | 1852 | -.138  | .026  | -.056 | -.235 |
| 240 | 1614 | .100   | .108  | .585  | -.227 | 240 | 1804 | -.156  | .056  | .112  | -.414 | 240 | 1853 | -.137  | .029  | -.045 | -.241 |
| 240 | 1615 | .131   | .098  | .585  | -.198 | 240 | 1805 | -.228  | .045  | -.007 | -.424 | 240 | 1854 | -.115  | .029  | -.026 | -.228 |
| 240 | 1616 | .121   | .090  | .621  | -.209 | 240 | 1806 | -.350  | .082  | -.134 | -.766 | 240 | 1855 | -.086  | .028  | -.032 | -.192 |
| 240 | 1617 | .053   | .076  | .461  | -.231 | 240 | 1807 | -.258  | .054  | .569  | -.080 | 240 | 1856 | -.083  | .030  | -.052 | -.207 |
| 240 | 1618 | -.046  | .069  | .315  | -.289 | 240 | 1808 | -.213  | .050  | -.049 | -.477 | 240 | 1857 | -.138  | .056  | -.033 | -.444 |
| 240 | 1619 | .053   | .106  | .568  | -.220 | 240 | 1809 | -.179  | .055  | -.002 | -.408 | 240 | 1858 | -.144  | .046  | -.045 | -.405 |
| 240 | 1620 | .108   | .099  | .634  | -.141 | 240 | 1810 | -.096  | .073  | .237  | .304  | 240 | 1859 | -.000  | .000  | .000  | .000  |
| 240 | 1621 | .093   | .087  | .501  | -.145 | 240 | 1811 | -.209  | .085  | .631  | -.066 | 240 | 1860 | -.134  | .036  | -.021 | -.258 |
| 240 | 1622 | .071   | .081  | .527  | -.137 | 240 | 1812 | -.138  | .042  | .058  | -.329 | 240 | 1861 | -.131  | .030  | -.031 | -.248 |
| 240 | 1623 | -.046  | .071  | .527  | -.241 | 240 | 1813 | -.237  | .036  | -.073 | -.406 | 240 | 1862 | -.140  | .028  | -.040 | -.259 |
| 240 | 1624 | .073   | .098  | .594  | -.277 | 240 | 1814 | -.313  | .054  | -.161 | -.546 | 240 | 1863 | -.136  | .052  | -.009 | -.575 |
| 240 | 1625 | .106   | .095  | .622  | -.165 | 240 | 1815 | -.241  | .050  | .491  | .075  | 240 | 1864 | -.134  | .033  | -.002 | -.268 |
| 240 | 1626 | .108   | .089  | .726  | -.146 | 240 | 1816 | -.201  | .045  | -.043 | -.394 | 240 | 1865 | -.117  | .029  | -.019 | -.238 |
| 240 | 1627 | .034   | .078  | .461  | -.191 | 240 | 1817 | -.174  | .048  | .016  | -.424 | 240 | 1866 | -.125  | .026  | -.033 | -.219 |
| 240 | 1628 | -.079  | .068  | .335  | -.277 | 240 | 1818 | -.122  | .054  | .132  | .302  | 240 | 1867 | -.099  | .037  | -.035 | -.267 |
| 240 | 1629 | .116   | .108  | .589  | -.351 | 240 | 1819 | -.229  | .109  | .708  | -.058 | 240 | 1868 | -.120  | .028  | -.028 | -.240 |
| 240 | 1630 | -.079  | .061  | .231  | -.263 | 240 | 1820 | -.130  | .042  | .051  | .316  | 240 | 1869 | -.106  | .027  | -.007 | -.194 |
| 240 | 1631 | .237   | .089  | .546  | -.030 | 240 | 1821 | -.241  | .040  | .100  | -.440 | 240 | 1870 | -.104  | .028  | -.002 | -.183 |
| 240 | 1632 | .122   | .083  | .480  | -.112 | 240 | 1822 | -.342  | .072  | .706  | -.159 | 240 | 1871 | -.108  | .027  | -.012 | -.202 |
| 240 | 1633 | .064   | .073  | .333  | -.173 | 240 | 1823 | -.235  | .045  | .051  | -.472 | 240 | 1872 | -.120  | .027  | -.031 | -.205 |
| 240 | 1634 | .002   | .060  | .225  | -.191 | 240 | 1824 | -.182  | .042  | .356  | .042  | 240 | 1873 | -.123  | .028  | -.019 | -.224 |
| 240 | 1635 | .058   | .051  | .141  | -.226 | 240 | 1825 | -.163  | .042  | .013  | -.311 | 240 | 2101 | -.123  | .071  | -.108 | -.477 |
| 240 | 1701 | .191   | .029  | .305  | -.093 | 240 | 1826 | -.135  | .056  | .143  | .340  | 240 | 2102 | -.115  | .102  | -.219 | -.557 |
| 240 | 1702 | -.202  | .032  | .663  | -.302 | 240 | 1827 | -.306  | .096  | .029  | -.714 | 240 | 2103 | -.107  | .096  | -.274 | -.639 |
| 240 | 1703 | .203   | .032  | .079  | -.325 | 240 | 1828 | -.119  | .038  | .268  | -.148 | 240 | 2104 | -.152  | .127  | -.343 | -.779 |
| 240 | 1704 | -.247  | .069  | .022  | -.604 | 240 | 1829 | -.226  | .032  | -.090 | -.363 | 240 | 2105 | -.091  | .101  | -.389 | -.532 |
| 240 | 1705 | .228   | .071  | .626  | -.015 | 240 | 1830 | -.329  | .057  | .157  | -.517 | 240 | 2106 | -.105  | .087  | -.329 | -.388 |
| 240 | 1706 | -.206  | .070  | .022  | -.640 | 240 | 1831 | -.210  | .037  | -.049 | -.334 | 240 | 2107 | -.140  | .101  | -.363 | -.550 |
| 240 | 1707 | -.225  | .059  | .034  | -.472 | 240 | 1832 | -.187  | .040  | -.460 | -.051 | 240 | 2108 | -.115  | .052  | -.111 | -.320 |
| 240 | 1708 | -.207  | .065  | .048  | -.477 | 240 | 1833 | -.163  | .039  | -.022 | -.465 | 240 | 2109 | -.269  | .173  | -.261 | -.110 |
| 240 | 1709 | -.171  | .059  | .067  | -.423 | 240 | 1834 | -.154  | .040  | .005  | -.354 | 240 | 2110 | -.143  | .057  | -.101 | -.587 |
| 240 | 1710 | -.200  | .073  | .041  | -.533 | 240 | 1835 | -.217  | .062  | .011  | -.434 | 240 | 2111 | -.135  | .088  | -.278 | -.610 |
| 240 | 1711 | -.248  | .064  | .620  | -.073 | 240 | 1836 | -.221  | .034  | .343  | -.018 | 240 | 2112 | -.164  | .096  | -.251 | -.761 |
| 240 | 1712 | -.243  | .075  | .034  | -.806 | 240 | 1837 | -.123  | .034  | -.005 | -.292 | 240 | 2113 | -.222  | .116  | -.256 | -.678 |
| 240 | 1713 | -.271  | .079  | .064  | -.647 | 240 | 1838 | -.155  | .040  | .025  | -.311 | 240 | 2114 | -.155  | .054  | -.061 | -.515 |
| 240 | 1714 | .191   | .063  | .016  | -.555 | 240 | 1839 | -.190  | .048  | .004  | -.351 | 240 | 2115 | -.147  | .066  | -.188 | -.393 |
| 240 | 1715 | -.073  | .080  | .325  | -.294 | 240 | 1840 | -.175  | .029  | .272  | .024  | 240 | 2116 | -.154  | .070  | -.195 | -.455 |
| 240 | 1716 | -.262  | .073  | .072  | -.658 | 240 | 1841 | -.193  | .040  | -.065 | -.423 | 240 | 2117 | -.195  | .084  | -.328 | -.528 |
| 240 | 1717 | -.264  | .061  | .029  | -.506 | 240 | 1842 | -.214  | .046  | -.064 | -.567 | 240 | 2118 | -.147  | .044  | -.034 | -.406 |
| 240 | 1718 | -.272  | .061  | .043  | -.477 | 240 | 1843 | -.187  | .045  | -.013 | -.338 | 240 | 2119 | -.144  | .055  | -.119 | -.469 |
| 240 | 1719 | -.271  | .063  | .063  | -.497 | 240 | 1844 | -.185  | .028  | .297  | .055  | 240 | 2120 | -.145  | .057  | -.095 | -.420 |
| 240 | 1720 | -.276  | .059  | .814  | -.058 | 240 | 1845 | -.191  | .037  | -.065 | -.380 | 240 | 2121 | -.171  | .061  | -.213 | -.399 |
| 240 | 1721 | -.256  | .084  | .007  | -.987 | 240 | 1846 | -.159  | .038  | .016  | -.327 | 240 | 2122 | -.149  | .037  | -.002 | -.304 |
| 240 | 1722 | -.242  | .087  | .025  | -.690 | 240 | 1847 | -.167  | .056  | .262  | -.416 | 240 | 2123 | -.121  | .044  | -.081 | -.272 |
| 240 | 1723 | .182   | .068  | .051  | -.795 | 240 | 1848 | -.104  | .059  | .272  | -.131 | 240 | 2124 | -.131  | .047  | -.075 | -.319 |
| 240 | 1724 | .074   | .096  | .812  | -.274 | 240 | 1849 | -.216  | .049  | .047  | -.450 | 240 | 2125 | -.155  | .068  | -.088 | -.556 |
| 240 | 1725 | -.049  | .095  | .383  | -.443 | 240 | 1850 | -.133  | .038  | .057  | -.261 | 240 | 2126 | -.138  | .032  | -.067 | -.287 |
| 240 | 1801 | -.288  | .073  | .039  | -.738 | 240 | 1851 | -.113  | .023  | -.025 | -.211 | 240 | 2127 | -.129  | .035  | -.004 | -.269 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 240 | 2128 | 104    | 049   | 195   | 275   |
| 240 | 2129 | 125    | 062   | 193   | 389   |
| 240 | 2130 | 128    | 037   | 018   | 345   |
| 240 | 2201 | 050    | 175   | 749   | 523   |
| 240 | 2202 | 087    | 200   | 824   | 533   |
| 240 | 2203 | 055    | 193   | 759   | 442   |
| 240 | 2204 | 024    | 180   | 769   | 444   |
| 240 | 2205 | 007    | 164   | 738   | 446   |
| 240 | 2206 | 023    | 158   | 679   | 457   |
| 240 | 2207 | 065    | 138   | 687   | 460   |
| 240 | 2208 | 062    | 146   | 598   | 807   |
| 240 | 2209 | 153    | 086   | 431   | 518   |
| 240 | 2210 | 116    | 067   | 246   | 357   |
| 240 | 2211 | 120    | 068   | 150   | 418   |
| 240 | 2212 | 110    | 067   | 197   | 397   |
| 240 | 2213 | 156    | 097   | 182   | 765   |
| 240 | 2214 | 142    | 068   | 271   | 479   |
| 240 | 2215 | 138    | 061   | 207   | 427   |
| 240 | 2216 | 120    | 055   | 119   | 356   |
| 240 | 2217 | 133    | 054   | 065   | 350   |
| 240 | 2218 | 189    | 099   | 071   | 646   |
| 240 | 2219 | 149    | 055   | 097   | 384   |
| 240 | 2220 | 122    | 047   | 083   | 372   |
| 240 | 2221 | 128    | 044   | 016   | 363   |
| 240 | 2222 | 128    | 049   | 038   | 355   |
| 240 | 2223 | 213    | 095   | 027   | 676   |
| 240 | 2224 | 113    | 032   | 202   | 276   |
| 240 | 2225 | 111    | 044   | 119   | 247   |
| 240 | 2226 | 113    | 041   | 078   | 275   |
| 240 | 2227 | 140    | 047   | 020   | 299   |
| 240 | 2228 | 169    | 079   | 029   | 621   |
| 240 | 2229 | 096    | 055   | 289   | 267   |
| 240 | 2230 | 097    | 048   | 151   | 242   |
| 240 | 2231 | 145    | 053   | 043   | 530   |
| 240 | 2232 | 151    | 061   | 058   | 713   |
| 240 | 2233 | 146    | 049   | 031   | 339   |
| 240 | 2234 | 117    | 043   | 033   | 280   |
| 240 | 2235 | 061    | 071   | 293   | 291   |
| 240 | 2236 | 096    | 054   | 146   | 270   |
| 240 | 2237 | 160    | 060   | 042   | 443   |
| 240 | 2238 | 143    | 049   | 037   | 329   |
| 240 | 2239 | 112    | 042   | 049   | 302   |
| 240 | 2240 | 078    | 064   | 235   | 304   |
| 240 | 2241 | 136    | 038   | 023   | 281   |
| 240 | 2242 | 129    | 042   | 027   | 352   |
| 240 | 2301 | 032    | 172   | 766   | 381   |
| 240 | 2302 | 025    | 171   | 727   | 368   |
| 240 | 2303 | 049    | 188   | 831   | 407   |
| 240 | 2304 | 038    | 180   | 703   | 425   |
| 240 | 2305 | 107    | 193   | 813   | 746   |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 240 | 2306 | 045    | 171   | 839   | 329   |
| 240 | 2307 | 068    | 195   | 887   | 382   |
| 240 | 2308 | 013    | 146   | 742   | 489   |
| 240 | 2309 | 046    | 177   | 690   | 428   |
| 240 | 2310 | 037    | 096   | 414   | 324   |
| 240 | 2311 | 040    | 128   | 681   | 351   |
| 240 | 2312 | 058    | 136   | 706   | 388   |
| 240 | 2313 | 019    | 125   | 698   | 309   |
| 240 | 2314 | 073    | 077   | 361   | 302   |
| 240 | 2315 | 007    | 104   | 550   | 279   |
| 240 | 2316 | 031    | 113   | 623   | 279   |
| 240 | 2317 | 017    | 108   | 571   | 448   |
| 240 | 2318 | 086    | 069   | 304   | 341   |
| 240 | 2319 | 013    | 097   | 372   | 295   |
| 240 | 2320 | 010    | 109   | 464   | 301   |
| 240 | 2321 | 027    | 097   | 452   | 291   |
| 240 | 2322 | 082    | 072   | 350   | 297   |
| 240 | 2323 | 034    | 085   | 412   | 236   |
| 240 | 2324 | 022    | 085   | 434   | 256   |
| 240 | 2325 | 051    | 081   | 385   | 302   |
| 240 | 2326 | 058    | 062   | 2801  | 267   |
| 240 | 2327 | 041    | 074   | 283   | 300   |
| 240 | 2328 | 061    | 065   | 331   | 228   |
| 240 | 2329 | 077    | 068   | 327   | 345   |
| 240 | 2330 | 082    | 044   | 155   | 206   |
| 240 | 2331 | 108    | 052   | 194   | 269   |
| 240 | 2332 | 096    | 034   | 059   | 194   |
| 240 | 2401 | 420    | 155   | 034   | 366   |
| 240 | 2402 | 364    | 153   | 025   | 605   |
| 240 | 2403 | 310    | 129   | 042   | 136   |
| 240 | 2404 | 255    | 101   | 048   | 888   |
| 240 | 2405 | 206    | 078   | 002   | 557   |
| 240 | 2406 | 191    | 065   | 037   | 501   |
| 240 | 2407 | 404    | 135   | 021   | 944   |
| 240 | 2408 | 163    | 048   | 005   | 489   |
| 240 | 2409 | 369    | 139   | 027   | 142   |
| 240 | 2410 | 339    | 136   | 011   | 999   |
| 240 | 2411 | 246    | 088   | 016   | 728   |
| 240 | 2412 | 211    | 069   | 002   | 532   |
| 240 | 2413 | 184    | 056   | 043   | 407   |
| 240 | 2414 | 379    | 140   | 089   | 523   |
| 240 | 2415 | 336    | 130   | 070   | 377   |
| 240 | 2416 | 275    | 099   | 043   | 815   |
| 240 | 2417 | 197    | 064   | 000   | 560   |
| 240 | 2418 | 186    | 054   | 011   | 597   |
| 240 | 2419 | 347    | 116   | 103   | 061   |
| 240 | 2420 | 303    | 108   | 066   | 014   |
| 240 | 2421 | 210    | 073   | 011   | 705   |
| 240 | 2422 | 192    | 059   | 011   | 613   |
| 240 | 2423 | 183    | 046   | 009   | 471   |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 240 | 2424 | 326    | 123   | 050   | 1025  |
| 240 | 2425 | 230    | 089   | 063   | 746   |
| 240 | 2426 | 185    | 053   | 007   | 558   |
| 240 | 2427 | 155    | 033   | 021   | 302   |
| 240 | 2428 | 145    | 030   | 039   | 295   |
| 240 | 2429 | 195    | 059   | 038   | 508   |
| 240 | 2430 | 133    | 030   | 041   | 304   |
| 240 | 2431 | 156    | 031   | 019   | 325   |
| 240 | 2432 | 142    | 027   | 048   | 263   |
| 240 | 2433 | 125    | 026   | 009   | 228   |
| 240 | 2434 | 145    | 028   | 034   | 258   |
| 240 | 2435 | 126    | 027   | 009   | 234   |
| 240 | 2501 | 193    | 061   | 009   | 589   |
| 240 | 2502 | 195    | 066   | 058   | 572   |
| 240 | 2503 | 219    | 077   | 051   | 692   |
| 240 | 2504 | 239    | 075   | 059   | 617   |
| 240 | 2505 | 169    | 046   | 036   | 458   |
| 240 | 2506 | 162    | 049   | 033   | 496   |
| 240 | 2507 | 166    | 047   | 039   | 433   |
| 240 | 2508 | 199    | 068   | 037   | 810   |
| 240 | 2509 | 169    | 045   | 048   | 376   |
| 240 | 2510 | 177    | 054   | 007   | 558   |
| 240 | 2511 | 165    | 040   | 027   | 336   |
| 240 | 2512 | 178    | 042   | 020   | 382   |
| 240 | 2513 | 167    | 039   | 019   | 371   |
| 240 | 2514 | 160    | 035   | 052   | 384   |
| 240 | 2515 | 167    | 034   | 065   | 368   |
| 240 | 2516 | 177    | 037   | 037   | 348   |
| 240 | 2517 | 164    | 034   | 055   | 304   |
| 240 | 2518 | 159    | 035   | 053   | 324   |
| 240 | 2519 | 165    | 033   | 053   | 302   |
| 240 | 2520 | 171    | 038   | 037   | 357   |
| 240 | 2521 | 159    | 035   | 043   | 350   |
| 240 | 2522 | 155    | 032   | 057   | 363   |
| 240 | 2523 | 160    | 032   | 075   | 375   |
| 240 | 2524 | 154    | 030   | 046   | 286   |
| 240 | 2525 | 145    | 030   | 058   | 294   |
| 240 | 2526 | 139    | 030   | 056   | 291   |
| 240 | 2527 | 145    | 031   | 056   | 317   |
| 240 | 2528 | 141    | 030   | 064   | 296   |
| 240 | 2529 | 138    | 032   | 063   | 407   |
| 240 | 2530 | 134    | 033   | 033   | 255   |
| 240 | 2531 | 135    | 033   | 033   | 269   |
| 240 | 2532 | 141    | 034   | 044   | 321   |
| 240 | 2601 | 157    | 041   | 024   | 427   |
| 240 | 2602 | 145    | 037   | 024   | 289   |
| 240 | 2603 | 147    | 038   | 027   | 302   |
| 240 | 2604 | 156    | 041   | 037   | 328   |
| 240 | 2605 | 153    | 043   | 002   | 362   |
| 240 | 2606 | 150    | 045   | 012   | 348   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPHAX | CPHIN | WD  | TAP  | CPMEAN | CPRMS | CPHAX | CPHIN | WD  | TAP  | CPMEAN | CPRMS | CPHAX | CPHIN   |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|---------|
| 240 | 2607 | -.159  | .037  | -.036 | -.360 | 240 | 2722 | -.114  | .071  | -.272 | -.539 | 240 | 2847 | -.116  | .026  | -.029 | -.215   |
| 240 | 2608 | -.161  | .043  | -.020 | -.340 | 240 | 2723 | -.194  | .063  | -.070 | -.738 | 240 | 2848 | -.107  | .029  | -.205 | -.005   |
| 240 | 2609 | -.168  | .033  | -.070 | -.376 | 240 | 2724 | -.170  | .038  | -.411 | -.059 | 240 | 2849 | -.104  | .027  | -.010 | -.198   |
| 240 | 2610 | -.160  | .036  | -.053 | -.320 | 240 | 2725 | -.166  | .038  | -.062 | -.467 | 240 | 2850 | -.090  | .028  | -.086 | -.188   |
| 240 | 2611 | -.166  | .047  | -.046 | -.443 | 240 | 2801 | -.104  | .036  | -.005 | -.324 | 240 | 2851 | -.079  | .038  | -.125 | -.184   |
| 240 | 2612 | -.178  | .035  | -.044 | -.470 | 240 | 2802 | -.131  | .038  | -.014 | -.487 | 240 | 2852 | -.079  | .038  | -.125 | -.184   |
| 240 | 2613 | -.171  | .037  | -.012 | -.624 | 240 | 2803 | -.124  | .041  | -.493 | -.052 | 240 | 2853 | -.068  | .039  | -.263 | -.166   |
| 240 | 2614 | -.156  | .028  | -.067 | -.274 | 240 | 2804 | -.129  | .047  | -.072 | -.427 | 240 | 2854 | -.067  | .027  | -.051 | -.150   |
| 240 | 2615 | -.156  | .029  | -.029 | -.298 | 240 | 2805 | -.140  | .044  | -.041 | -.367 | 240 | 2855 | -.078  | .027  | -.022 | -.168   |
| 240 | 2616 | -.166  | .034  | -.059 | -.367 | 240 | 2806 | -.134  | .041  | -.125 | -.369 | 240 | 2856 | -.079  | .028  | -.083 | -.194   |
| 240 | 2617 | -.169  | .051  | -.058 | -.675 | 240 | 2807 | -.111  | .043  | -.349 | -.229 | 240 | 2857 | -.095  | .027  | -.041 | -.200   |
| 240 | 2618 | -.173  | .068  | -.017 | -.715 | 240 | 2808 | -.115  | .040  | -.169 | -.310 | 240 | 2858 | -.129  | .021  | -.051 | -.198   |
| 240 | 2619 | -.152  | .031  | -.017 | -.307 | 240 | 2809 | -.125  | .043  | -.093 | -.288 | 240 | 2859 | -.136  | .028  | -.050 | -.315   |
| 240 | 2620 | -.159  | .030  | -.032 | -.286 | 240 | 2810 | -.178  | .032  | -.014 | -.318 | 240 | 2860 | -.125  | .044  | -.054 | -.546   |
| 240 | 2621 | -.162  | .039  | -.058 | -.340 | 240 | 2811 | -.118  | .030  | -.243 | -.024 | 240 | 2861 | -.143  | .048  | -.005 | -.610   |
| 240 | 2622 | -.162  | .042  | -.043 | -.374 | 240 | 2812 | -.116  | .029  | -.000 | -.269 | 240 | 2862 | -.135  | .051  | -.031 | -.454   |
| 240 | 2623 | -.163  | .047  | -.015 | -.501 | 240 | 2813 | -.144  | .042  | -.012 | -.369 | 240 | 2863 | -.120  | .057  | -.050 | -.500   |
| 240 | 2624 | -.154  | .029  | -.054 | -.255 | 240 | 2814 | -.138  | .033  | -.029 | -.268 | 240 | 2864 | -.132  | .024  | -.057 | -.220   |
| 240 | 2625 | -.146  | .026  | -.055 | -.282 | 240 | 2815 | -.100  | .035  | -.326 | -.038 | 240 | 2865 | -.131  | .027  | -.048 | -.241   |
| 240 | 2626 | -.145  | .032  | -.057 | -.324 | 240 | 2816 | -.097  | .035  | -.038 | -.243 | 240 | 2866 | -.106  | .030  | -.031 | -.246   |
| 240 | 2627 | -.169  | .045  | -.044 | -.479 | 240 | 2817 | -.095  | .052  | -.129 | -.288 | 240 | 2867 | -.121  | .032  | -.022 | -.303   |
| 240 | 2628 | -.184  | .049  | -.044 | -.614 | 240 | 2818 | -.187  | .050  | -.007 | -.400 | 240 | 2868 | -.118  | .023  | -.031 | -.206   |
| 240 | 2629 | -.135  | .032  | -.041 | -.323 | 240 | 2819 | -.115  | .027  | -.286 | -.012 | 240 | 2869 | -.119  | .024  | -.031 | -.200   |
| 240 | 2630 | -.157  | .061  | -.036 | -.732 | 240 | 2820 | -.115  | .030  | -.024 | -.222 | 240 | 2870 | -.093  | .030  | -.034 | -.198   |
| 240 | 2631 | -.120  | .028  | -.007 | -.227 | 240 | 2821 | -.135  | .039  | -.002 | -.298 | 240 | 2871 | -.104  | .027  | -.017 | -.214   |
| 240 | 2632 | -.137  | .031  | -.020 | -.291 | 240 | 2822 | -.131  | .040  | -.295 | -.099 | 240 | 2872 | -.100  | .030  | -.069 | -.208   |
| 240 | 2633 | -.137  | .035  | -.041 | -.366 | 240 | 2823 | -.104  | .033  | -.080 | -.220 | 240 | 2873 | -.115  | .037  | -.051 | -.364   |
| 240 | 2634 | -.133  | .031  | -.045 | -.286 | 240 | 2824 | -.092  | .035  | -.222 | -.125 | 240 | 2874 | -.097  | .043  | -.121 | -.355   |
| 240 | 2635 | -.140  | .034  | -.048 | -.341 | 240 | 2825 | -.091  | .054  | -.269 | -.298 | 240 | 2875 | -.259  | .095  | -.072 | -.605   |
| 240 | 2701 | -.100  | .034  | -.467 | -.054 | 240 | 2826 | -.164  | .063  | -.114 | -.434 | 240 | 2876 | -.101  | .063  | -.126 | -.347   |
| 240 | 2702 | -.132  | .030  | -.017 | -.291 | 240 | 2827 | -.120  | .029  | -.010 | -.244 | 240 | 2877 | -.064  | .065  | -.119 | -.285   |
| 240 | 2703 | -.116  | .031  | -.024 | -.577 | 240 | 2828 | -.113  | .031  | -.288 | -.052 | 240 | 2878 | -.331  | .081  | -.062 | -.702   |
| 240 | 2704 | -.101  | .047  | -.084 | -.388 | 240 | 2829 | -.139  | .040  | -.117 | -.279 | 240 | 2879 | -.263  | .152  | -.012 | -.137   |
| 240 | 2705 | -.095  | .045  | -.330 | -.132 | 240 | 2830 | -.107  | .039  | -.133 | -.248 | 240 | 2880 | -.204  | .100  | -.079 | -.821   |
| 240 | 2706 | -.115  | .050  | -.329 | -.291 | 240 | 2831 | -.102  | .033  | -.070 | -.215 | 240 | 2881 | -.620  | .212  | -.023 | -.1.449 |
| 240 | 2707 | -.146  | .047  | -.075 | -.314 | 240 | 2832 | -.092  | .032  | -.196 | -.061 | 240 | 2882 | -.534  | .143  | -.106 | -.1.211 |
| 240 | 2708 | -.149  | .041  | -.024 | -.319 | 240 | 2833 | -.101  | .036  | -.052 | -.279 | 240 | 2883 | -.434  | .120  | -.042 | -.1.155 |
| 240 | 2709 | -.176  | .031  | -.089 | -.376 | 240 | 2834 | -.179  | .068  | -.012 | -.555 | 240 | 2884 | -.341  | .115  | -.012 | -.823   |
| 240 | 2710 | -.143  | .030  | -.031 | -.262 | 240 | 2835 | -.124  | .027  | -.031 | -.244 | 240 | 2885 | -.238  | .057  | -.065 | -.523   |
| 240 | 2711 | -.084  | .053  | -.378 | -.198 | 240 | 2836 | -.138  | .034  | -.245 | -.031 | 240 | 2886 | -.133  | .050  | -.021 | -.393   |
| 240 | 2712 | -.096  | .044  | -.105 | -.286 | 240 | 2837 | -.086  | .032  | -.060 | -.185 | 240 | 2887 | -.351  | .159  | -.106 | -.1.000 |
| 240 | 2713 | -.101  | .064  | -.262 | -.465 | 240 | 2838 | -.166  | .063  | -.000 | -.512 | 240 | 2888 | -.286  | .192  | -.239 | -.962   |
| 240 | 2714 | -.183  | .044  | -.039 | -.434 | 240 | 2839 | -.120  | .029  | -.019 | -.335 | 240 | 2889 | -.120  | .176  | -.580 | -.850   |
| 240 | 2715 | -.174  | .037  | -.361 | -.076 | 240 | 2840 | -.112  | .033  | -.236 | -.017 | 240 | 2890 | -.106  | .119  | -.279 | -.434   |
| 240 | 2716 | -.102  | .060  | -.167 | -.391 | 240 | 2841 | -.094  | .036  | -.067 | -.227 | 240 | 2891 | -.166  | .059  | -.035 | -.430   |
| 240 | 2717 | -.073  | .053  | -.291 | -.227 | 240 | 2842 | -.117  | .037  | -.041 | -.267 | 240 | 2892 | -.146  | .052  | -.058 | -.337   |
| 240 | 2718 | -.065  | .051  | -.317 | -.245 | 240 | 2843 | -.113  | .025  | -.007 | -.203 | 240 | 2893 | -.096  | .055  | -.084 | -.334   |
| 240 | 2719 | -.091  | .051  | -.261 | -.280 | 240 | 2844 | -.095  | .039  | -.210 | -.059 | 240 | 2894 | -.101  | .064  | -.086 | -.472   |
| 240 | 2720 | -.092  | .050  | -.300 | -.234 | 240 | 2845 | -.081  | .032  | -.069 | -.205 | 240 | 2895 | -.252  | .093  | -.069 | -.623   |
| 240 | 2721 | -.120  | .068  | -.196 | -.501 | 240 | 2846 | -.100  | .035  | -.026 | -.217 | 240 | 2896 | -.139  | .076  | -.135 | -.567   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|
| 2555 | 211  | .114   | .078  | .111  | .440  |
| 2555 | 212  | .148   | .076  | .090  | .494  |
| 2555 | 1101 | .320   | .065  | .140  | .613  |
| 2555 | 1102 | .319   | .069  | .126  | .631  |
| 2555 | 1103 | .310   | .080  | .107  | .673  |
| 2555 | 1104 | .317   | .083  | .099  | .829  |
| 2555 | 1105 | .313   | .089  | .079  | .795  |
| 2555 | 1106 | .327   | .065  | .079  | .632  |
| 2555 | 1107 | .321   | .073  | .070  | .702  |
| 2555 | 1108 | .322   | .056  | .095  | .534  |
| 2555 | 1109 | .321   | .078  | .113  | .816  |
| 2555 | 1110 | .327   | .087  | .105  | .788  |
| 2555 | 1111 | .341   | .089  | .110  | .831  |
| 2555 | 1112 | .342   | .093  | .104  | .889  |
| 2555 | 1113 | .340   | .109  | .125  | .959  |
| 2555 | 1114 | .415   | .177  | .077  | .397  |
| 2555 | 1115 | .422   | .167  | .035  | .426  |
| 2555 | 1116 | .358   | .150  | .014  | .167  |
| 2555 | 1117 | .344   | .121  | .037  | .026  |
| 2555 | 1118 | .333   | .127  | .028  | .266  |
| 2555 | 1119 | .338   | .098  | .007  | .894  |
| 2555 | 1120 | .335   | .082  | .016  | .693  |
| 2555 | 1121 | .340   | .087  | .013  | .809  |
| 2555 | 1122 | .341   | .075  | .002  | .195  |
| 2555 | 1123 | .327   | .061  | .038  | .539  |
| 2555 | 1124 | .343   | .062  | .032  | .514  |
| 2555 | 1125 | .349   | .076  | .046  | .611  |
| 2555 | 1126 | .349   | .070  | .005  | .569  |
| 2555 | 1127 | .341   | .066  | .042  | .586  |
| 2555 | 1128 | .340   | .064  | .035  | .541  |
| 2555 | 1129 | .344   | .067  | .028  | .495  |
| 2555 | 1130 | .341   | .085  | .040  | .592  |
| 2555 | 1201 | .340   | .065  | .065  | .602  |
| 2555 | 1202 | .340   | .056  | .062  | .494  |
| 2555 | 1203 | .348   | .046  | .065  | .506  |
| 2555 | 1204 | .355   | .041  | .096  | .441  |
| 2555 | 1205 | .344   | .040  | .126  | .390  |
| 2555 | 1206 | .343   | .040  | .097  | .400  |
| 2555 | 1207 | .345   | .056  | .088  | .511  |
| 2555 | 1208 | .326   | .043  | .124  | .466  |
| 2555 | 1209 | .328   | .070  | .107  | .635  |
| 2555 | 1210 | .292   | .049  | .132  | .487  |
| 2555 | 1211 | .278   | .036  | .118  | .388  |
| 2555 | 1212 | .273   | .036  | .126  | .417  |
| 2555 | 1213 | .286   | .041  | .159  | .513  |
| 2555 | 1214 | .310   | .094  | .085  | .889  |
| 2555 | 1215 | .277   | .057  | .055  | .531  |
| 2555 | 1216 | .264   | .045  | .091  | .427  |
| 2555 | 1217 | .265   | .046  | .082  | .471  |
| 2555 | 1218 | .267   | .062  | .067  | .550  |

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|
| 2555 | 1219 | .223   | .058  | .055  | .557  |
| 2555 | 1220 | .215   | .044  | .054  | .387  |
| 2555 | 1221 | .229   | .043  | .098  | .443  |
| 2555 | 1222 | .231   | .053  | .083  | .571  |
| 2555 | 1223 | .254   | .067  | .025  | .557  |
| 2555 | 1224 | .214   | .053  | .047  | .422  |
| 2555 | 1225 | .190   | .038  | .035  | .331  |
| 2555 | 1226 | .165   | .033  | .025  | .266  |
| 2555 | 1227 | .189   | .050  | .049  | .393  |
| 2555 | 1228 | .226   | .057  | .005  | .550  |
| 2555 | 1229 | .210   | .056  | .042  | .455  |
| 2555 | 1230 | .164   | .041  | .044  | .310  |
| 2555 | 1231 | .139   | .043  | .025  | .273  |
| 2555 | 1232 | .109   | .056  | .168  | .266  |
| 2555 | 1233 | .191   | .042  | .061  | .359  |
| 2555 | 1234 | .166   | .045  | .058  | .337  |
| 2555 | 1235 | .076   | .048  | .159  | .208  |
| 2555 | 1236 | .108   | .047  | .095  | .252  |
| 2555 | 1237 | .082   | .066  | .357  | .262  |
| 2555 | 1238 | .146   | .041  | .009  | .297  |
| 2555 | 1239 | .106   | .040  | .031  | .302  |
| 2555 | 1240 | .107   | .048  | .088  | .308  |
| 2555 | 1241 | .134   | .041  | .005  | .313  |
| 2555 | 1242 | .172   | .047  | .039  | .447  |
| 2555 | 1301 | .232   | .042  | .103  | .382  |
| 2555 | 1302 | .260   | .045  | .132  | .463  |
| 2555 | 1303 | .308   | .057  | .107  | .505  |
| 2555 | 1304 | .285   | .051  | .107  | .449  |
| 2555 | 1305 | .372   | .086  | .065  | .699  |
| 2555 | 1306 | .264   | .045  | .125  | .467  |
| 2555 | 1307 | .315   | .059  | .109  | .563  |
| 2555 | 1308 | .274   | .043  | .130  | .493  |
| 2555 | 1309 | .250   | .046  | .092  | .420  |
| 2555 | 1310 | .283   | .051  | .120  | .514  |
| 2555 | 1311 | .283   | .047  | .144  | .519  |
| 2555 | 1312 | .272   | .046  | .134  | .470  |
| 2555 | 1313 | .231   | .047  | .083  | .427  |
| 2555 | 1314 | .303   | .085  | .090  | .837  |
| 2555 | 1315 | .300   | .090  | .067  | .871  |
| 2555 | 1316 | .291   | .106  | .014  | .244  |
| 2555 | 1317 | .253   | .114  | .049  | .233  |
| 2555 | 1318 | .287   | .087  | .058  | .749  |
| 2555 | 1319 | .288   | .091  | .023  | .719  |
| 2555 | 1320 | .288   | .115  | .063  | .001  |
| 2555 | 1321 | .271   | .135  | .047  | .479  |
| 2555 | 1322 | .242   | .069  | .104  | .650  |
| 2555 | 1323 | .258   | .075  | .037  | .732  |
| 2555 | 1324 | .268   | .090  | .042  | .985  |
| 2555 | 1325 | .254   | .136  | .040  | .524  |
| 2555 | 1326 | .202   | .078  | .157  | .532  |

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|
| 2555 | 1327 | .223   | .072  | .188  | .547  |
| 2555 | 1328 | .223   | .061  | .035  | .616  |
| 2555 | 1329 | .207   | .081  | .013  | .006  |
| 2555 | 1330 | .154   | .062  | .222  | .340  |
| 2555 | 1331 | .187   | .057  | .032  | .450  |
| 2555 | 1332 | .123   | .062  | .273  | .294  |
| 2555 | 1401 | .045   | .066  | .235  | .313  |
| 2555 | 1402 | .002   | .087  | .289  | .361  |
| 2555 | 1403 | .009   | .095  | .283  | .387  |
| 2555 | 1404 | .018   | .105  | .320  | .433  |
| 2555 | 1405 | .044   | .107  | .358  | .366  |
| 2555 | 1406 | .059   | .189  | .442  | .967  |
| 2555 | 1407 | .109   | .066  | .178  | .389  |
| 2555 | 1408 | .104   | .218  | .503  | .931  |
| 2555 | 1409 | .106   | .073  | .221  | .396  |
| 2555 | 1410 | .060   | .102  | .338  | .615  |
| 2555 | 1411 | .064   | .123  | .424  | .628  |
| 2555 | 1412 | .113   | .160  | .417  | .871  |
| 2555 | 1413 | .226   | .204  | .447  | .131  |
| 2555 | 1414 | .204   | .081  | .227  | .588  |
| 2555 | 1415 | .183   | .070  | .167  | .424  |
| 2555 | 1416 | .187   | .072  | .104  | .475  |
| 2555 | 1417 | .228   | .111  | .074  | .800  |
| 2555 | 1418 | .313   | .128  | .035  | .844  |
| 2555 | 1419 | .233   | .063  | .051  | .519  |
| 2555 | 1420 | .206   | .062  | .002  | .547  |
| 2555 | 1421 | .186   | .080  | .078  | .572  |
| 2555 | 1422 | .226   | .089  | .056  | .645  |
| 2555 | 1423 | .263   | .097  | .021  | .735  |
| 2555 | 1424 | .206   | .055  | .002  | .609  |
| 2555 | 1425 | .156   | .057  | .054  | .532  |
| 2555 | 1426 | .188   | .067  | .067  | .629  |
| 2555 | 1427 | .225   | .090  | .042  | .890  |
| 2555 | 1428 | .268   | .131  | .007  | .936  |
| 2555 | 1429 | .143   | .055  | .056  | .371  |
| 2555 | 1430 | .260   | .154  | .083  | .013  |
| 2555 | 1431 | .162   | .058  | .139  | .387  |
| 2555 | 1432 | .165   | .057  | .039  | .475  |
| 2555 | 1433 | .132   | .072  | .230  | .503  |
| 2555 | 1434 | .170   | .096  | .173  | .671  |
| 2555 | 1435 | .212   | .114  | .107  | .691  |
| 2555 | 1501 | .233   | .218  | .818  | .433  |
| 2555 | 1502 | .321   | .237  | .009  | .408  |
| 2555 | 1503 | .121   | .186  | .477  | .941  |
| 2555 | 1504 | .078   | .253  | .868  | .792  |
| 2555 | 1505 | .360   | .134  | .146  | .973  |
| 2555 | 1506 | .218   | .205  | .868  | .350  |
| 2555 | 1507 | .293   | .244  | .944  | .572  |
| 2555 | 1508 | .315   | .243  | .966  | .379  |
| 2555 | 1509 | .273   | .231  | .882  | .311  |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|
| 2555 | 1510 | .152   | .212  | .977  | -.400 | 2555 | 1628 | -.112  | .113  | .403  | -.587 | 2555 | 1818 | -.213  | .034  | -.007 | -.419 |
| 2555 | 1511 | .312   | .263  | .069  | -.631 | 2555 | 1629 | -.005  | .138  | .553  | -.414 | 2555 | 1819 | -.275  | .089  | -.679 | -.051 |
| 2555 | 1512 | -.136  | .133  | .480  | -.530 | 2555 | 1630 | -.044  | .143  | .648  | -.496 | 2555 | 1820 | -.178  | .030  | -.011 | -.445 |
| 2555 | 1513 | -.003  | .117  | .523  | -.327 | 2555 | 1631 | -.156  | .106  | .577  | -.175 | 2555 | 1821 | -.195  | .034  | -.043 | -.463 |
| 2555 | 1514 | -.004  | .118  | .541  | -.361 | 2555 | 1632 | -.064  | .129  | .475  | -.329 | 2555 | 1822 | -.223  | .069  | -.588 | -.004 |
| 2555 | 1515 | -.011  | .160  | .583  | -.682 | 2555 | 1633 | -.028  | .136  | .459  | -.388 | 2555 | 1823 | -.184  | .055  | -.007 | -.477 |
| 2555 | 1516 | -.261  | .085  | .035  | -.550 | 2555 | 1634 | -.006  | .116  | .496  | -.415 | 2555 | 1824 | -.188  | .056  | -.411 | -.029 |
| 2555 | 1517 | -.151  | .083  | .281  | -.512 | 2555 | 1635 | -.065  | .101  | .311  | -.561 | 2555 | 1825 | -.220  | .056  | -.022 | -.407 |
| 2555 | 1518 | -.178  | .099  | .171  | -.534 | 2555 | 1701 | -.149  | .038  | .272  | -.040 | 2555 | 1826 | -.187  | .065  | -.118 | -.449 |
| 2555 | 1519 | -.261  | .168  | .173  | -.138 | 2555 | 1702 | -.165  | .041  | .067  | -.309 | 2555 | 1827 | -.374  | .102  | -.049 | -.789 |
| 2555 | 1520 | -.216  | .078  | .063  | -.595 | 2555 | 1703 | -.172  | .042  | .054  | -.322 | 2555 | 1828 | -.175  | .049  | -.383 | -.018 |
| 2555 | 1521 | -.148  | .078  | .170  | -.481 | 2555 | 1704 | -.225  | .053  | -.085 | -.470 | 2555 | 1829 | -.192  | .048  | -.027 | -.385 |
| 2555 | 1522 | -.159  | .102  | .207  | -.690 | 2555 | 1705 | -.225  | .054  | .491  | .071  | 2555 | 1830 | -.230  | .066  | -.023 | -.463 |
| 2555 | 1523 | -.222  | .158  | .309  | -.907 | 2555 | 1706 | -.224  | .069  | .031  | -.586 | 2555 | 1831 | -.181  | .050  | -.038 | -.356 |
| 2555 | 1524 | -.201  | .096  | .239  | -.541 | 2555 | 1707 | -.194  | .045  | -.043 | -.421 | 2555 | 1832 | -.184  | .052  | -.436 | -.009 |
| 2555 | 1525 | -.107  | .117  | .318  | -.494 | 2555 | 1708 | -.181  | .063  | .297  | -.452 | 2555 | 1833 | -.204  | .049  | -.002 | -.420 |
| 2555 | 1526 | -.077  | .123  | .466  | -.466 | 2555 | 1709 | -.110  | .097  | .399  | -.775 | 2555 | 1834 | -.190  | .054  | -.016 | -.427 |
| 2555 | 1527 | -.079  | .135  | .369  | -.872 | 2555 | 1710 | -.111  | .094  | .449  | -.443 | 2555 | 1835 | -.278  | .065  | -.074 | -.551 |
| 2555 | 1528 | -.098  | .103  | .495  | -.427 | 2555 | 1711 | -.217  | .060  | .522  | -.066 | 2555 | 1836 | -.189  | .048  | -.361 | -.035 |
| 2555 | 1529 | -.016  | .140  | .475  | -.505 | 2555 | 1712 | -.215  | .067  | -.054 | -.935 | 2555 | 1837 | -.119  | .046  | -.110 | -.332 |
| 2555 | 1530 | -.097  | .093  | .278  | -.323 | 2555 | 1713 | -.203  | .071  | .014  | -.597 | 2555 | 1838 | -.193  | .059  | -.089 | -.613 |
| 2555 | 1531 | -.018  | .099  | .565  | -.232 | 2555 | 1714 | -.163  | .057  | .137  | -.365 | 2555 | 1839 | -.255  | .057  | -.058 | -.712 |
| 2555 | 1532 | -.087  | .121  | .574  | -.587 | 2555 | 1715 | -.231  | .100  | .577  | -.210 | 2555 | 1840 | -.166  | .042  | -.365 | -.009 |
| 2555 | 1600 | -.298  | .211  | .856  | -.496 | 2555 | 1716 | -.231  | .063  | .027  | -.488 | 2555 | 1841 | -.188  | .054  | -.036 | -.501 |
| 2555 | 1601 | -.233  | .169  | .742  | -.313 | 2555 | 1717 | -.236  | .057  | -.040 | -.528 | 2555 | 1842 | -.234  | .045  | -.064 | -.558 |
| 2555 | 1602 | -.199  | .158  | .678  | -.313 | 2555 | 1718 | -.229  | .058  | .052  | -.540 | 2555 | 1843 | -.234  | .052  | -.058 | -.403 |
| 2555 | 1603 | -.157  | .145  | .608  | -.325 | 2555 | 1719 | -.231  | .060  | -.045 | -.535 | 2555 | 1844 | -.164  | .046  | -.327 | -.033 |
| 2555 | 1604 | -.110  | .134  | .533  | -.377 | 2555 | 1720 | -.226  | .086  | .767  | -.044 | 2555 | 1845 | -.173  | .052  | -.013 | -.425 |
| 2555 | 1605 | -.209  | .053  | .049  | -.434 | 2555 | 1721 | -.168  | .082  | .159  | -.751 | 2555 | 1846 | -.183  | .056  | -.034 | -.445 |
| 2555 | 1606 | -.368  | .235  | .188  | -.590 | 2555 | 1722 | -.151  | .081  | .070  | -.735 | 2555 | 1847 | -.208  | .072  | -.188 | -.522 |
| 2555 | 1607 | -.031  | .099  | .388  | -.336 | 2555 | 1723 | -.132  | .063  | .197  | -.598 | 2555 | 1848 | -.156  | .075  | -.409 | -.179 |
| 2555 | 1608 | -.100  | .151  | .710  | -.507 | 2555 | 1724 | -.187  | .111  | .533  | -.347 | 2555 | 1849 | -.267  | .060  | -.004 | -.539 |
| 2555 | 1609 | -.188  | .151  | .778  | -.227 | 2555 | 1725 | -.187  | .098  | .235  | -.626 | 2555 | 1850 | -.183  | .052  | -.011 | -.365 |
| 2555 | 1610 | -.195  | .132  | .680  | -.229 | 2555 | 1801 | -.266  | .072  | -.014 | -.540 | 2555 | 1851 | -.092  | .032  | -.021 | -.221 |
| 2555 | 1611 | -.144  | .117  | .595  | -.297 | 2555 | 1802 | -.262  | .072  | .002  | -.531 | 2555 | 1852 | -.092  | .032  | -.021 | -.221 |
| 2555 | 1612 | -.020  | .088  | .318  | -.379 | 2555 | 1803 | -.268  | .083  | .621  | -.024 | 2555 | 1853 | -.114  | .037  | -.002 | -.268 |
| 2555 | 1613 | -.068  | .124  | .412  | -.440 | 2555 | 1804 | -.219  | .078  | .036  | -.570 | 2555 | 1854 | -.102  | .041  | -.047 | -.291 |
| 2555 | 1614 | -.027  | .137  | .672  | -.423 | 2555 | 1805 | -.209  | .062  | -.005 | -.481 | 2555 | 1855 | -.105  | .039  | -.056 | -.316 |
| 2555 | 1615 | -.062  | .138  | .637  | -.382 | 2555 | 1806 | -.249  | .082  | -.060 | -.724 | 2555 | 1856 | -.107  | .038  | -.044 | -.271 |
| 2555 | 1616 | -.060  | .128  | .627  | -.422 | 2555 | 1807 | -.240  | .080  | .958  | -.029 | 2555 | 1857 | -.103  | .045  | -.124 | -.287 |
| 2555 | 1617 | -.044  | .108  | .348  | -.543 | 2555 | 1808 | -.286  | .098  | -.051 | -.159 | 2555 | 1858 | -.090  | .116  | -.474 | -.655 |
| 2555 | 1618 | -.104  | .118  | .447  | -.499 | 2555 | 1809 | -.296  | .081  | -.064 | -.769 | 2555 | 1859 | -.132  | .053  | -.269 | -.353 |
| 2555 | 1619 | -.033  | .127  | .519  | -.469 | 2555 | 1810 | -.299  | .063  | .018  | -.609 | 2555 | 1860 | -.109  | .042  | -.131 | -.289 |
| 2555 | 1620 | -.001  | .139  | .590  | -.429 | 2555 | 1811 | -.292  | .082  | .646  | -.015 | 2555 | 1861 | -.121  | .033  | -.005 | -.261 |
| 2555 | 1621 | -.007  | .128  | .573  | -.425 | 2555 | 1812 | -.207  | .058  | .009  | -.490 | 2555 | 1862 | -.117  | .030  | -.021 | -.241 |
| 2555 | 1622 | -.075  | .112  | .453  | -.581 | 2555 | 1813 | -.241  | .049  | -.057 | -.701 | 2555 | 1863 | -.113  | .077  | -.136 | -.411 |
| 2555 | 1623 | -.057  | .106  | .460  | -.515 | 2555 | 1814 | -.200  | .054  | .518  | -.033 | 2555 | 1864 | -.114  | .041  | -.068 | -.280 |
| 2555 | 1624 | -.016  | .103  | .494  | -.414 | 2555 | 1815 | -.227  | .062  | -.027 | -.626 | 2555 | 1865 | -.090  | .040  | -.092 | -.258 |
| 2555 | 1625 | -.012  | .116  | .485  | -.466 | 2555 | 1816 | -.241  | .063  | -.027 | -.611 | 2555 | 1866 | -.107  | .034  | -.028 | -.262 |
| 2555 | 1626 | -.042  | .128  | .531  | -.499 | 2555 | 1817 | -.112  | .113  | .403  | -.587 |      |      |        |       |       |       |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|--------|
| 2555 | 1867 | .086   | .082  | .391  | .519  | 2555 | 2214 | .209   | .173  | .834  | .312  | 2555 | 2322 | .266   | .142  | .054  | -1.117 |
| 2555 | 1868 | .095   | .038  | .084  | .217  | 2555 | 2215 | .105   | .146  | .590  | .341  | 2555 | 2323 | .186   | .074  | .050  | -1.484 |
| 2555 | 1869 | .076   | .037  | .066  | .209  | 2555 | 2216 | .022   | .115  | .510  | .343  | 2555 | 2324 | .175   | .061  | .022  | -1.441 |
| 2555 | 1870 | .064   | .044  | .108  | .196  | 2555 | 2217 | .093   | .078  | .266  | .350  | 2555 | 2325 | .228   | .060  | .007  | -1.500 |
| 2555 | 1871 | .083   | .032  | .039  | .223  | 2555 | 2218 | .155   | .099  | .182  | .481  | 2555 | 2326 | .209   | .101  | .246  | -1.591 |
| 2555 | 1872 | .099   | .039  | .005  | .226  | 2555 | 2219 | .062   | .120  | .508  | .355  | 2555 | 2327 | .166   | .071  | .337  | -1.514 |
| 2555 | 1873 | .103   | .028  | .019  | .228  | 2555 | 2220 | .036   | .102  | .490  | .364  | 2555 | 2328 | .165   | .052  | .011  | -1.406 |
| 2555 | 2101 | .042   | .050  | .125  | .206  | 2555 | 2221 | .058   | .068  | .317  | .301  | 2555 | 2329 | .214   | .055  | .018  | -1.424 |
| 2555 | 2102 | .079   | .104  | .465  | .288  | 2555 | 2222 | .092   | .057  | .222  | .292  | 2555 | 2330 | .153   | .047  | .013  | -1.349 |
| 2555 | 2103 | .088   | .106  | .435  | .308  | 2555 | 2223 | .180   | .068  | .093  | .414  | 2555 | 2331 | .166   | .053  | .014  | -1.376 |
| 2555 | 2104 | .118   | .078  | .349  | .138  | 2555 | 2224 | .045   | .093  | .476  | .242  | 2555 | 2332 | .111   | .048  | .118  | -1.274 |
| 2555 | 2105 | .015   | .111  | .375  | .468  | 2555 | 2225 | .016   | .081  | .414  | .215  | 2555 | 2401 | .321   | .116  | .042  | -1.213 |
| 2555 | 2106 | .109   | .100  | .450  | .299  | 2555 | 2226 | .000   | .071  | .334  | .202  | 2555 | 2402 | .303   | .113  | .025  | -1.960 |
| 2555 | 2107 | .143   | .111  | .500  | .292  | 2555 | 2227 | .039   | .053  | .235  | .213  | 2555 | 2403 | .303   | .118  | .002  | -1.966 |
| 2555 | 2108 | .018   | .054  | .178  | .228  | 2555 | 2228 | .104   | .049  | .095  | .295  | 2555 | 2404 | .266   | .095  | .007  | -1.778 |
| 2555 | 2109 | .125   | .196  | .904  | .738  | 2555 | 2229 | .020   | .090  | .376  | .312  | 2555 | 2405 | .256   | .082  | .047  | -1.632 |
| 2555 | 2110 | .066   | .065  | .222  | .332  | 2555 | 2230 | .004   | .078  | .338  | .312  | 2555 | 2406 | .245   | .081  | .029  | -1.625 |
| 2555 | 2111 | .190   | .136  | .679  | .261  | 2555 | 2231 | .010   | .073  | .375  | .250  | 2555 | 2407 | .312   | .102  | .018  | -1.871 |
| 2555 | 2112 | .196   | .139  | .702  | .266  | 2555 | 2232 | .022   | .069  | .324  | .182  | 2555 | 2408 | .227   | .079  | .013  | -1.624 |
| 2555 | 2113 | .233   | .181  | .769  | .299  | 2555 | 2233 | .055   | .080  | .392  | .168  | 2555 | 2409 | .305   | .097  | .087  | -1.858 |
| 2555 | 2114 | .069   | .061  | .191  | .288  | 2555 | 2234 | .041   | .074  | .362  | .169  | 2555 | 2410 | .281   | .099  | .038  | -1.768 |
| 2555 | 2115 | .132   | .117  | .553  | .252  | 2555 | 2235 | .021   | .126  | .581  | .681  | 2555 | 2411 | .259   | .070  | .002  | -1.634 |
| 2555 | 2116 | .145   | .126  | .680  | .252  | 2555 | 2236 | .044   | .107  | .501  | .441  | 2555 | 2412 | .243   | .063  | .016  | -1.519 |
| 2555 | 2117 | .182   | .152  | .718  | .250  | 2555 | 2237 | .090   | .102  | .615  | .143  | 2555 | 2413 | .256   | .068  | .029  | -1.576 |
| 2555 | 2118 | .110   | .054  | .177  | .286  | 2555 | 2238 | .110   | .107  | .573  | .138  | 2555 | 2414 | .290   | .094  | .038  | -1.965 |
| 2555 | 2119 | .010   | .090  | .394  | .237  | 2555 | 2239 | .158   | .124  | .679  | .150  | 2555 | 2415 | .285   | .088  | .048  | -1.873 |
| 2555 | 2120 | .016   | .091  | .369  | .228  | 2555 | 2240 | .046   | .131  | .501  | .490  | 2555 | 2416 | .270   | .078  | .025  | -1.716 |
| 2555 | 2121 | .029   | .094  | .428  | .232  | 2555 | 2241 | .028   | .075  | .312  | .224  | 2555 | 2417 | .263   | .062  | .071  | -1.529 |
| 2555 | 2122 | .147   | .124  | .124  | .311  | 2555 | 2242 | .151   | .117  | .626  | .129  | 2555 | 2418 | .254   | .062  | .085  | -1.557 |
| 2555 | 2123 | .031   | .067  | .222  | .245  | 2555 | 2301 | .017   | .230  | .704  | .891  | 2555 | 2419 | .303   | .083  | .102  | -1.778 |
| 2555 | 2124 | .011   | .032  | .105  | .103  | 2555 | 2302 | .001   | .185  | .636  | .513  | 2555 | 2420 | .286   | .080  | .082  | -1.780 |
| 2555 | 2125 | .008   | .036  | .135  | .102  | 2555 | 2303 | .011   | .181  | .588  | .645  | 2555 | 2421 | .268   | .062  | .040  | -1.643 |
| 2555 | 2126 | .174   | .043  | .033  | .379  | 2555 | 2304 | .047   | .153  | .524  | .546  | 2555 | 2422 | .244   | .053  | .054  | -1.548 |
| 2555 | 2127 | .101   | .052  | .108  | .274  | 2555 | 2305 | .029   | .193  | .655  | .579  | 2555 | 2423 | .241   | .047  | .084  | -1.557 |
| 2555 | 2128 | .070   | .101  | .505  | .239  | 2555 | 2306 | .062   | .172  | .560  | .799  | 2555 | 2424 | .302   | .095  | .089  | -1.927 |
| 2555 | 2129 | .097   | .113  | .592  | .281  | 2555 | 2307 | .059   | .158  | .591  | .688  | 2555 | 2425 | .266   | .059  | .114  | -1.610 |
| 2555 | 2130 | .190   | .064  | .029  | .525  | 2555 | 2308 | .173   | .221  | .495  | .099  | 2555 | 2426 | .230   | .046  | .107  | -1.535 |
| 2555 | 2201 | .359   | .206  | .919  | .184  | 2555 | 2309 | .131   | .125  | .413  | .529  | 2555 | 2427 | .212   | .036  | .095  | -1.371 |
| 2555 | 2202 | .355   | .247  | .064  | .393  | 2555 | 2310 | .271   | .204  | .284  | .209  | 2555 | 2428 | .200   | .031  | .107  | -1.334 |
| 2555 | 2203 | .302   | .241  | .926  | .295  | 2555 | 2311 | .205   | .180  | .362  | .163  | 2555 | 2429 | .233   | .065  | .060  | -1.695 |
| 2555 | 2204 | .249   | .244  | .946  | .503  | 2555 | 2312 | .139   | .137  | .511  | .803  | 2555 | 2430 | .167   | .028  | .020  | -1.296 |
| 2555 | 2205 | .177   | .223  | .896  | .485  | 2555 | 2313 | .178   | .111  | .281  | .668  | 2555 | 2431 | .197   | .037  | .066  | -1.434 |
| 2555 | 2206 | .108   | .210  | .790  | .463  | 2555 | 2314 | .281   | .153  | .195  | .900  | 2555 | 2432 | .168   | .028  | .036  | -1.263 |
| 2555 | 2207 | .325   | .201  | .933  | .330  | 2555 | 2315 | .249   | .167  | .188  | .986  | 2555 | 2433 | .172   | .031  | .045  | -1.306 |
| 2555 | 2208 | .051   | .151  | .519  | .532  | 2555 | 2316 | .175   | .152  | .337  | .696  | 2555 | 2434 | .182   | .030  | .043  | -1.296 |
| 2555 | 2209 | .249   | .194  | .843  | .241  | 2555 | 2317 | .184   | .119  | .337  | .664  | 2555 | 2435 | .152   | .033  | .016  | -1.267 |
| 2555 | 2210 | .150   | .152  | .766  | .287  | 2555 | 2318 | .289   | .112  | .034  | .902  | 2555 | 2501 | .278   | .103  | .020  | -1.787 |
| 2555 | 2211 | .028   | .093  | .381  | .339  | 2555 | 2319 | .255   | .113  | .081  | .788  | 2555 | 2502 | .341   | .142  | .044  | -1.958 |
| 2555 | 2212 | .073   | .078  | .270  | .361  | 2555 | 2320 | .204   | .103  | .129  | .885  | 2555 | 2503 | .319   | .118  | .061  | -1.930 |
| 2555 | 2213 | .160   | .107  | .328  | .604  | 2555 | 2321 | .229   | .079  | .150  | .994  | 2555 | 2504 | .355   | .099  | .076  | -1.809 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|
| 2555 | 2229 | .060   | .049  | .049  | .426  | 2555 | 2623 | .191   | .064  | .028  | .944  | 2555 | 2813 | .200   | .049  | .024  | .424  |
| 2555 | 2230 | .184   | .042  | .039  | .377  | 2555 | 2624 | .211   | .039  | .087  | .513  | 2555 | 2814 | .172   | .039  | .017  | .311  |
| 2555 | 2233 | .187   | .043  | .045  | .429  | 2555 | 2625 | .202   | .041  | .077  | .732  | 2555 | 2815 | .114   | .040  | .293  | .138  |
| 2555 | 2235 | .345   | .136  | .061  | .493  | 2555 | 2626 | .193   | .041  | .083  | .377  | 2555 | 2816 | .093   | .046  | .142  | .339  |
| 2555 | 2236 | .189   | .038  | .075  | .577  | 2555 | 2627 | .196   | .044  | .075  | .393  | 2555 | 2817 | .073   | .055  | .215  | .273  |
| 2555 | 2238 | .256   | .079  | .060  | .576  | 2555 | 2628 | .199   | .024  | .121  | .331  | 2555 | 2818 | .107   | .048  | .103  | .258  |
| 2555 | 2240 | .193   | .040  | .061  | .354  | 2555 | 2629 | .175   | .038  | .042  | .383  | 2555 | 2819 | .153   | .045  | .324  | .009  |
| 2555 | 2242 | .051   | .087  | .087  | .471  | 2555 | 2630 | .218   | .069  | .074  | .666  | 2555 | 2820 | .132   | .044  | .050  | .327  |
| 2555 | 2243 | .040   | .082  | .082  | .421  | 2555 | 2631 | .157   | .032  | .054  | .351  | 2555 | 2821 | .169   | .054  | .019  | .429  |
| 2555 | 2244 | .040   | .079  | .079  | .364  | 2555 | 2632 | .181   | .038  | .085  | .364  | 2555 | 2822 | .134   | .042  | .270  | .047  |
| 2555 | 2245 | .041   | .091  | .091  | .361  | 2555 | 2633 | .186   | .046  | .061  | .393  | 2555 | 2823 | .088   | .050  | .165  | .225  |
| 2555 | 2246 | .050   | .104  | .104  | .456  | 2555 | 2634 | .179   | .041  | .062  | .365  | 2555 | 2824 | .066   | .053  | .225  | .284  |
| 2555 | 2247 | .037   | .117  | .117  | .459  | 2555 | 2635 | .194   | .048  | .056  | .450  | 2555 | 2825 | .059   | .061  | .256  | .284  |
| 2555 | 2248 | .038   | .083  | .083  | .410  | 2555 | 2701 | .038   | .069  | .141  | .389  | 2555 | 2826 | .059   | .051  | .125  | .250  |
| 2555 | 2249 | .040   | .088  | .088  | .410  | 2555 | 2702 | .073   | .043  | .116  | .220  | 2555 | 2827 | .160   | .038  | .036  | .340  |
| 2555 | 2250 | .040   | .121  | .121  | .404  | 2555 | 2703 | .044   | .041  | .111  | .170  | 2555 | 2828 | .129   | .040  | .291  | .014  |
| 2555 | 2251 | .032   | .138  | .138  | .448  | 2555 | 2704 | .001   | .093  | .414  | .294  | 2555 | 2829 | .164   | .039  | .038  | .360  |
| 2555 | 2252 | .035   | .106  | .106  | .388  | 2555 | 2705 | .015   | .085  | .293  | .387  | 2555 | 2830 | .123   | .034  | .033  | .314  |
| 2555 | 2253 | .035   | .084  | .084  | .360  | 2555 | 2706 | .051   | .074  | .367  | .343  | 2555 | 2831 | .102   | .039  | .100  | .230  |
| 2555 | 2254 | .034   | .076  | .076  | .363  | 2555 | 2707 | .056   | .078  | .287  | .297  | 2555 | 2832 | .068   | .049  | .206  | .155  |
| 2555 | 2255 | .031   | .117  | .117  | .360  | 2555 | 2708 | .055   | .068  | .405  | .311  | 2555 | 2833 | .065   | .053  | .161  | .270  |
| 2555 | 2256 | .034   | .090  | .090  | .370  | 2555 | 2709 | .146   | .047  | .060  | .430  | 2555 | 2834 | .059   | .052  | .106  | .335  |
| 2555 | 2257 | .035   | .073  | .073  | .354  | 2555 | 2710 | .117   | .047  | .045  | .339  | 2555 | 2835 | .153   | .042  | .014  | .371  |
| 2555 | 2258 | .036   | .092  | .092  | .377  | 2555 | 2711 | .041   | .108  | .371  | .483  | 2555 | 2836 | .156   | .039  | .314  | .171  |
| 2555 | 2259 | .035   | .124  | .124  | .381  | 2555 | 2712 | .019   | .085  | .355  | .275  | 2555 | 2837 | .078   | .038  | .069  | .196  |
| 2555 | 2260 | .033   | .081  | .081  | .388  | 2555 | 2713 | .015   | .083  | .382  | .297  | 2555 | 2838 | .053   | .050  | .144  | .231  |
| 2555 | 2261 | .036   | .096  | .096  | .193  | 2555 | 2714 | .114   | .070  | .426  | .375  | 2555 | 2839 | .135   | .040  | .010  | .299  |
| 2555 | 2262 | .036   | .071  | .071  | .338  | 2555 | 2715 | .119   | .069  | .464  | .298  | 2555 | 2840 | .150   | .033  | .288  | .030  |
| 2555 | 2263 | .027   | .077  | .077  | .297  | 2555 | 2716 | .140   | .126  | .616  | .244  | 2555 | 2841 | .079   | .043  | .133  | .208  |
| 2555 | 2264 | .043   | .023  | .023  | .402  | 2555 | 2717 | .137   | .126  | .634  | .178  | 2555 | 2842 | .058   | .050  | .217  | .212  |
| 2555 | 2265 | .045   | .023  | .023  | .401  | 2555 | 2718 | .139   | .121  | .634  | .184  | 2555 | 2843 | .121   | .036  | .005  | .263  |
| 2555 | 2266 | .046   | .038  | .038  | .634  | 2555 | 2719 | .100   | .117  | .552  | .208  | 2555 | 2844 | .135   | .034  | .265  | .002  |
| 2555 | 2267 | .020   | .131  | .131  | .289  | 2555 | 2720 | .022   | .080  | .274  | .413  | 2555 | 2845 | .067   | .042  | .144  | .182  |
| 2555 | 2268 | .049   | .009  | .009  | .356  | 2555 | 2721 | .047   | .078  | .353  | .452  | 2555 | 2846 | .040   | .050  | .264  | .189  |
| 2555 | 2269 | .040   | .066  | .066  | .351  | 2555 | 2722 | .042   | .077  | .349  | .453  | 2555 | 2847 | .134   | .040  | .055  | .254  |
| 2555 | 2270 | .038   | .066  | .066  | .331  | 2555 | 2723 | .104   | .103  | .347  | .653  | 2555 | 2848 | .135   | .043  | .296  | .059  |
| 2555 | 2271 | .029   | .117  | .117  | .311  | 2555 | 2724 | .159   | .084  | .783  | .251  | 2555 | 2849 | .119   | .039  | .071  | .261  |
| 2555 | 2272 | .032   | .093  | .093  | .310  | 2555 | 2725 | .134   | .072  | .208  | .696  | 2555 | 2850 | .113   | .037  | .012  | .252  |
| 2555 | 2273 | .035   | .063  | .063  | .344  | 2555 | 2801 | .208   | .094  | .066  | .688  | 2555 | 2851 | .116   | .029  | .042  | .242  |
| 2555 | 2274 | .035   | .078  | .078  | .359  | 2555 | 2802 | .234   | .091  | .022  | .890  | 2555 | 2852 | .116   | .029  | .042  | .242  |
| 2555 | 2275 | .035   | .084  | .084  | .360  | 2555 | 2803 | .224   | .079  | .694  | .019  | 2555 | 2853 | .102   | .032  | .079  | .186  |
| 2555 | 2276 | .034   | .081  | .081  | .377  | 2555 | 2804 | .243   | .086  | .038  | .635  | 2555 | 2854 | .075   | .031  | .070  | .168  |
| 2555 | 2277 | .034   | .089  | .089  | .377  | 2555 | 2805 | .252   | .095  | .021  | .771  | 2555 | 2855 | .074   | .035  | .126  | .172  |
| 2555 | 2278 | .036   | .106  | .106  | .374  | 2555 | 2806 | .198   | .080  | .050  | .806  | 2555 | 2856 | .065   | .037  | .077  | .176  |
| 2555 | 2279 | .048   | .051  | .051  | .531  | 2555 | 2807 | .113   | .075  | .561  | .328  | 2555 | 2857 | .069   | .039  | .117  | .186  |
| 2555 | 2280 | .046   | .042  | .042  | .451  | 2555 | 2808 | .091   | .071  | .324  | .419  | 2555 | 2858 | .100   | .026  | .026  | .197  |
| 2555 | 2281 | .032   | .084  | .084  | .384  | 2555 | 2809 | .070   | .079  | .443  | .448  | 2555 | 2859 | .104   | .032  | .019  | .231  |
| 2555 | 2282 | .030   | .111  | .111  | .338  | 2555 | 2810 | .131   | .050  | .167  | .344  | 2555 | 2860 | .117   | .060  | .066  | .556  |
| 2555 | 2283 | .043   | .042  | .042  | .428  | 2555 | 2811 | .179   | .053  | .422  | .016  | 2555 | 2861 | .141   | .071  | .036  | .654  |
| 2555 | 2284 | .061   | .042  | .042  | .050  | 2555 | 2812 | .170   | .047  | .031  | .391  | 2555 | 2862 | .140   | .073  | .065  | .523  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 2555 | 2862 | .147   | .102  | .100  | .747  | 270 | 1115 | .399   | .187  | .019  | -1.533 | 270 | 1235 | .019   | .082  | .364  | .273  |
| 2555 | 2863 | .111   | .027  | .026  | .223  | 270 | 1116 | .352   | .146  | .019  | -1.120 | 270 | 1236 | .022   | .083  | .360  | .330  |
| 2555 | 2864 | .098   | .030  | .005  | .222  | 270 | 1117 | .334   | .110  | .073  | -.868  | 270 | 1237 | .063   | .100  | .539  | .297  |
| 2555 | 2865 | .043   | .040  | .096  | .240  | 270 | 1118 | .272   | .118  | .017  | -1.064 | 270 | 1238 | .107   | .062  | .127  | .366  |
| 2555 | 2866 | .101   | .045  | .031  | .286  | 270 | 1119 | .254   | .084  | .009  | -.900  | 270 | 1239 | .050   | .070  | .216  | .362  |
| 2555 | 2867 | .089   | .028  | .023  | .200  | 270 | 1120 | .247   | .076  | .143  | -.646  | 270 | 1240 | .032   | .078  | .273  | .273  |
| 2555 | 2868 | .059   | .033  | .067  | .181  | 270 | 1121 | .277   | .089  | .107  | -.777  | 270 | 1241 | .082   | .058  | .155  | .287  |
| 2555 | 2869 | .031   | .063  | .302  | .158  | 270 | 1122 | .264   | .086  | .021  | -1.125 | 270 | 1242 | .194   | .095  | .073  | .620  |
| 2555 | 2870 | .019   | .044  | .184  | .162  | 270 | 1123 | .241   | .058  | .084  | -.764  | 270 | 1301 | .272   | .069  | .055  | .759  |
| 2555 | 2871 | .054   | .041  | .139  | .164  | 270 | 1124 | .236   | .054  | .050  | -.700  | 270 | 1302 | .296   | .065  | .092  | .617  |
| 2555 | 2872 | .126   | .072  | .131  | .501  | 270 | 1125 | .249   | .062  | .039  | -.736  | 270 | 1303 | .299   | .062  | .094  | .662  |
| 2555 | 2873 | .054   | .071  | .187  | .410  | 270 | 1126 | .244   | .074  | .021  | -.742  | 270 | 1304 | .291   | .056  | .087  | .597  |
| 270  | 101  | .012   | .072  | .175  | .346  | 270 | 1127 | .242   | .057  | .046  | -.553  | 270 | 1305 | .297   | .073  | .048  | .741  |
| 270  | 102  | .028   | .050  | .111  | .262  | 270 | 1128 | .223   | .051  | .042  | -.417  | 270 | 1306 | .297   | .059  | .104  | .704  |
| 270  | 103  | .090   | .105  | .198  | .444  | 270 | 1129 | .218   | .048  | .068  | -.454  | 270 | 1307 | .288   | .053  | .104  | .662  |
| 270  | 104  | .379   | .090  | .063  | .899  | 270 | 1130 | .249   | .074  | .037  | -.766  | 270 | 1308 | .312   | .062  | .120  | .774  |
| 270  | 105  | .609   | .132  | .051  | 1.102 | 270 | 1201 | .260   | .063  | .073  | -.576  | 270 | 1309 | .325   | .047  | .059  | .434  |
| 270  | 106  | .597   | .229  | .128  | 1.260 | 270 | 1202 | .235   | .055  | .073  | -.499  | 270 | 1310 | .325   | .076  | .120  | .851  |
| 270  | 107  | .386   | .191  | .078  | 1.219 | 270 | 1203 | .233   | .046  | .080  | -.393  | 270 | 1311 | .318   | .068  | .108  | .968  |
| 270  | 108  | .490   | .214  | .007  | 1.403 | 270 | 1204 | .238   | .047  | .054  | -.381  | 270 | 1312 | .302   | .061  | .104  | .693  |
| 270  | 109  | .342   | .112  | .023  | .774  | 270 | 1205 | .260   | .049  | .104  | -.446  | 270 | 1313 | .253   | .057  | .005  | .587  |
| 270  | 110  | .112   | .062  | .040  | .660  | 270 | 1206 | .259   | .054  | .068  | -.532  | 270 | 1314 | .394   | .133  | .007  | 1.195 |
| 270  | 111  | .181   | .052  | .021  | .472  | 270 | 1207 | .261   | .051  | .086  | -.482  | 270 | 1315 | .377   | .134  | .033  | 1.387 |
| 270  | 112  | .187   | .108  | .040  | .740  | 270 | 1208 | .277   | .050  | .106  | -.520  | 270 | 1316 | .362   | .134  | .024  | 1.366 |
| 270  | 201  | .593   | .135  | .178  | 1.164 | 270 | 1209 | .328   | .066  | .134  | -.697  | 270 | 1317 | .315   | .137  | .007  | 1.269 |
| 270  | 202  | .497   | .141  | .021  | 1.164 | 270 | 1210 | .292   | .045  | .150  | -.513  | 270 | 1318 | .424   | .165  | .019  | 1.190 |
| 270  | 203  | .432   | .235  | .274  | 1.407 | 270 | 1211 | .281   | .039  | .166  | -.433  | 270 | 1319 | .442   | .171  | .024  | 1.413 |
| 270  | 204  | .104   | .112  | .322  | .655  | 270 | 1212 | .285   | .044  | .144  | -.428  | 270 | 1320 | .459   | .180  | .005  | 1.766 |
| 270  | 205  | .218   | .095  | .130  | .618  | 270 | 1213 | .308   | .055  | .128  | -.546  | 270 | 1321 | .433   | .172  | .066  | 1.790 |
| 270  | 206  | .212   | .080  | .121  | .630  | 270 | 1214 | .305   | .074  | .136  | -.768  | 270 | 1322 | .258   | .112  | .113  | .808  |
| 270  | 207  | .236   | .089  | .050  | .690  | 270 | 1215 | .291   | .053  | .124  | -.545  | 270 | 1323 | .298   | .129  | .080  | .984  |
| 270  | 208  | .299   | .099  | .012  | .930  | 270 | 1216 | .293   | .051  | .102  | -.556  | 270 | 1324 | .342   | .142  | .017  | 1.120 |
| 270  | 209  | .323   | .064  | .133  | .590  | 270 | 1217 | .320   | .064  | .125  | -.746  | 270 | 1325 | .340   | .167  | .041  | 1.392 |
| 270  | 210  | .375   | .096  | .030  | .799  | 270 | 1218 | .338   | .089  | .098  | -.757  | 270 | 1326 | .054   | .124  | .488  | .455  |
| 270  | 211  | .386   | .133  | .010  | .871  | 270 | 1219 | .241   | .055  | .000  | -.468  | 270 | 1327 | .122   | .113  | .502  | .542  |
| 270  | 212  | .286   | .133  | .051  | .810  | 270 | 1220 | .250   | .049  | .071  | -.437  | 270 | 1328 | .207   | .094  | .262  | .745  |
| 270  | 1101 | .288   | .076  | .073  | .572  | 270 | 1221 | .323   | .081  | .106  | -.638  | 270 | 1329 | .254   | .122  | .005  | 1.030 |
| 270  | 1102 | .309   | .085  | .078  | .659  | 270 | 1222 | .350   | .108  | .103  | -.974  | 270 | 1330 | .050   | .102  | .445  | .358  |
| 270  | 1103 | .281   | .079  | .077  | .716  | 270 | 1223 | .399   | .145  | .007  | -1.217 | 270 | 1331 | .147   | .072  | .073  | .721  |
| 270  | 1104 | .285   | .087  | .066  | .854  | 270 | 1224 | .225   | .049  | .087  | -.459  | 270 | 1332 | .014   | .091  | .441  | .241  |
| 270  | 1105 | .265   | .116  | .042  | .868  | 270 | 1225 | .199   | .043  | .028  | -.399  | 270 | 1401 | .106   | .072  | .380  | .164  |
| 270  | 1106 | .303   | .081  | .080  | .881  | 270 | 1226 | .159   | .048  | .045  | -.377  | 270 | 1402 | .186   | .087  | .528  | .132  |
| 270  | 1107 | .289   | .070  | .102  | .598  | 270 | 1227 | .271   | .097  | .012  | -.692  | 270 | 1403 | .219   | .090  | .570  | .113  |
| 270  | 1108 | .274   | .062  | .101  | .557  | 270 | 1228 | .266   | .100  | .026  | -.889  | 270 | 1404 | .254   | .094  | .587  | .170  |
| 270  | 1109 | .299   | .077  | .096  | .772  | 270 | 1229 | .192   | .042  | .052  | -.335  | 270 | 1405 | .290   | .091  | .575  | .093  |
| 270  | 1110 | .358   | .111  | .092  | .064  | 270 | 1230 | .136   | .048  | .047  | -.321  | 270 | 1406 | .320   | .109  | .643  | .231  |
| 270  | 1111 | .375   | .111  | .109  | .942  | 270 | 1231 | .095   | .054  | .154  | -.264  | 270 | 1407 | .051   | .072  | .308  | .233  |
| 270  | 1112 | .368   | .104  | .117  | .813  | 270 | 1232 | .007   | .088  | .376  | -.265  | 270 | 1408 | .388   | .123  | .776  | .377  |
| 270  | 1113 | .377   | .105  | .103  | .866  | 270 | 1233 | .239   | .075  | .040  | -.576  | 270 | 1409 | .022   | .073  | .389  | .246  |
| 270  | 1114 | .444   | .239  | .054  | .875  | 270 | 1234 | .075   | .064  | .187  | -.274  | 270 | 1410 | .140   | .093  | .511  | .196  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAH | CPRHS | CPHAX | CPMIN | WD  | TAP  | CPNEAH | CPRHS | CPHAX | CPMIN  | WD  | TAP  | CPNEAH | CPRHS | CPHAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 270 | 1411 | .214   | .104  | .577  | -.214 | 270 | 1526 | -.111  | .092  | .289  | -.612  | 270 | 1709 | .020   | .130  | .490  | -.882 |
| 270 | 1412 | .230   | .114  | .618  | -.193 | 270 | 1527 | -.134  | .088  | .284  | -.538  | 270 | 1710 | .050   | .140  | .744  | -.423 |
| 270 | 1413 | .235   | .139  | .632  | -.309 | 270 | 1528 | -.066  | .075  | .207  | -.333  | 270 | 1711 | .213   | .045  | .416  | -.058 |
| 270 | 1414 | -.133  | .103  | .262  | -.587 | 270 | 1529 | -.114  | .086  | .222  | -.428  | 270 | 1712 | -.222  | .046  | -.077 | -.459 |
| 270 | 1415 | -.057  | .090  | .445  | -.325 | 270 | 1530 | -.071  | .088  | .303  | -.375  | 270 | 1713 | -.220  | .055  | -.062 | -.466 |
| 270 | 1416 | -.056  | .084  | .361  | -.290 | 270 | 1531 | -.004  | .061  | .220  | -.165  | 270 | 1714 | -.147  | .058  | .079  | -.397 |
| 270 | 1417 | -.075  | .078  | .273  | -.377 | 270 | 1532 | -.005  | .086  | .264  | -.399  | 270 | 1715 | -.299  | .124  | .804  | -.181 |
| 270 | 1418 | -.139  | .090  | .148  | -.561 | 270 | 1601 | .150   | .190  | .704  | -.885  | 270 | 1716 | -.219  | .046  | -.075 | -.423 |
| 270 | 1419 | -.214  | .087  | .130  | -.565 | 270 | 1602 | .120   | .139  | .576  | -.407  | 270 | 1717 | -.216  | .047  | .005  | -.448 |
| 270 | 1420 | -.151  | .078  | .172  | -.479 | 270 | 1603 | .108   | .140  | .577  | -.423  | 270 | 1718 | -.224  | .047  | .000  | -.432 |
| 270 | 1421 | -.123  | .063  | .177  | -.368 | 270 | 1604 | .088   | .134  | .533  | -.353  | 270 | 1719 | -.225  | .048  | .007  | -.435 |
| 270 | 1422 | -.169  | .061  | .097  | -.372 | 270 | 1605 | .049   | .130  | .588  | -.391  | 270 | 1720 | -.214  | .053  | .541  | -.027 |
| 270 | 1423 | -.206  | .065  | .024  | -.560 | 270 | 1606 | -.189  | .064  | .007  | -.489  | 270 | 1721 | -.146  | .046  | .095  | -.324 |
| 270 | 1424 | -.200  | .074  | .038  | -.762 | 270 | 1607 | -.025  | .302  | .777  | -.1395 | 270 | 1722 | -.157  | .044  | .028  | -.347 |
| 270 | 1425 | -.148  | .065  | .130  | -.462 | 270 | 1608 | -.085  | .092  | .389  | -.380  | 270 | 1723 | -.094  | .077  | .215  | -.354 |
| 270 | 1426 | -.178  | .061  | .080  | -.518 | 270 | 1609 | -.330  | .264  | .377  | -.1269 | 270 | 1724 | -.040  | .167  | .523  | -.634 |
| 270 | 1427 | -.175  | .055  | .028  | -.450 | 270 | 1610 | -.088  | .155  | .472  | -.766  | 270 | 1725 | -.205  | .124  | .328  | -.661 |
| 270 | 1428 | -.168  | .061  | .040  | -.474 | 270 | 1611 | -.064  | .132  | .616  | -.427  | 270 | 1801 | -.248  | .061  | .005  | -.639 |
| 270 | 1429 | -.009  | .079  | .312  | -.302 | 270 | 1612 | -.082  | .124  | .481  | -.456  | 270 | 1802 | -.245  | .067  | .041  | -.741 |
| 270 | 1430 | -.019  | .077  | .257  | -.273 | 270 | 1613 | -.190  | .111  | .304  | -.567  | 270 | 1803 | -.232  | .067  | .563  | -.038 |
| 270 | 1431 | .038   | .103  | .584  | -.207 | 270 | 1614 | -.318  | .159  | .194  | -.019  | 270 | 1804 | -.204  | .049  | .005  | -.514 |
| 270 | 1432 | .056   | .089  | .380  | -.217 | 270 | 1615 | -.230  | .131  | .413  | .727   | 270 | 1805 | -.214  | .060  | .048  | -.533 |
| 270 | 1433 | .114   | .099  | .612  | -.207 | 270 | 1616 | -.188  | .123  | .519  | -.578  | 270 | 1806 | -.259  | .092  | .048  | -.769 |
| 270 | 1434 | .107   | .104  | .532  | -.156 | 270 | 1617 | -.174  | .135  | .515  | -.588  | 270 | 1807 | -.370  | .147  | .168  | -.069 |
| 270 | 1435 | .077   | .096  | .426  | -.170 | 270 | 1618 | -.228  | .150  | .398  | -.856  | 270 | 1808 | -.342  | .134  | .079  | -.215 |
| 270 | 1501 | .549   | .149  | .962  | -.083 | 270 | 1619 | -.265  | .094  | .102  | -.666  | 270 | 1809 | -.270  | .090  | .053  | -.940 |
| 270 | 1502 | .498   | .172  | .008  | -.355 | 270 | 1620 | -.245  | .083  | .116  | -.649  | 270 | 1810 | -.237  | .060  | .002  | -.512 |
| 270 | 1503 | .337   | .150  | .134  | -.970 | 270 | 1621 | -.245  | .085  | .165  | -.615  | 270 | 1811 | -.227  | .073  | .887  | -.034 |
| 270 | 1504 | .224   | .296  | .761  | -.884 | 270 | 1622 | -.240  | .088  | .244  | -.574  | 270 | 1812 | -.200  | .046  | .036  | -.421 |
| 270 | 1505 | .326   | .164  | .181  | -.833 | 270 | 1623 | -.248  | .100  | .268  | -.729  | 270 | 1813 | -.204  | .045  | -.055 | -.450 |
| 270 | 1506 | .442   | .199  | .924  | -.296 | 270 | 1624 | -.202  | .089  | .096  | -.663  | 270 | 1814 | -.229  | .062  | .068  | -.535 |
| 270 | 1507 | .414   | .214  | .950  | -.332 | 270 | 1625 | -.187  | .081  | .153  | -.711  | 270 | 1815 | -.259  | .087  | .760  | -.058 |
| 270 | 1508 | .557   | .199  | .034  | -.264 | 270 | 1626 | -.183  | .077  | .095  | -.956  | 270 | 1816 | -.335  | .101  | .063  | -.889 |
| 270 | 1509 | .511   | .229  | .036  | -.233 | 270 | 1627 | -.196  | .077  | .061  | -.688  | 270 | 1817 | -.305  | .083  | -.131 | -.813 |
| 270 | 1510 | .624   | .184  | .195  | -.151 | 270 | 1628 | -.216  | .079  | .093  | -.681  | 270 | 1818 | -.237  | .056  | .029  | -.506 |
| 270 | 1511 | .430   | .226  | .054  | -.384 | 270 | 1629 | -.153  | .082  | .183  | -.565  | 270 | 1819 | -.207  | .066  | .617  | -.022 |
| 270 | 1512 | .258   | .184  | .770  | -.355 | 270 | 1630 | -.171  | .077  | .260  | -.538  | 270 | 1820 | -.186  | .042  | .000  | -.405 |
| 270 | 1513 | .205   | .197  | .878  | -.439 | 270 | 1631 | -.075  | .061  | .413  | -.132  | 270 | 1821 | -.195  | .041  | .051  | -.466 |
| 270 | 1514 | .170   | .173  | .673  | -.316 | 270 | 1632 | -.074  | .071  | .198  | -.355  | 270 | 1822 | -.204  | .053  | .594  | -.063 |
| 270 | 1515 | -.009  | .153  | .513  | -.448 | 270 | 1633 | -.105  | .077  | .146  | -.453  | 270 | 1823 | -.230  | .067  | -.063 | -.590 |
| 270 | 1516 | -.207  | .085  | .046  | -.572 | 270 | 1634 | -.116  | .074  | .131  | -.447  | 270 | 1824 | -.284  | .065  | .550  | -.063 |
| 270 | 1517 | -.225  | .084  | .027  | -.599 | 270 | 1635 | -.120  | .078  | .291  | -.611  | 270 | 1825 | -.286  | .057  | .109  | -.520 |
| 270 | 1518 | -.227  | .083  | .038  | -.603 | 270 | 1701 | -.094  | .052  | .299  | -.076  | 270 | 1826 | -.227  | .064  | .011  | -.526 |
| 270 | 1519 | -.263  | .101  | .102  | -.682 | 270 | 1702 | -.119  | .048  | .068  | -.276  | 270 | 1827 | -.223  | .061  | -.041 | -.499 |
| 270 | 1520 | -.224  | .077  | .084  | -.679 | 270 | 1703 | -.136  | .056  | .087  | -.340  | 270 | 1828 | -.179  | .042  | .413  | -.027 |
| 270 | 1521 | -.218  | .071  | .091  | -.598 | 270 | 1704 | -.224  | .049  | -.079 | -.463  | 270 | 1829 | -.187  | .040  | -.034 | -.434 |
| 270 | 1522 | -.207  | .077  | .167  | -.594 | 270 | 1705 | -.227  | .058  | -.552 | -.042  | 270 | 1830 | -.209  | .052  | -.044 | -.476 |
| 270 | 1523 | -.234  | .086  | .123  | -.668 | 270 | 1706 | -.244  | .075  | -.007 | -.591  | 270 | 1831 | -.230  | .070  | -.020 | -.556 |
| 270 | 1524 | -.138  | .075  | .237  | -.428 | 270 | 1707 | -.224  | .058  | -.057 | -.488  | 270 | 1832 | -.275  | .074  | -.802 | -.085 |
| 270 | 1525 | -.118  | .087  | .279  | -.979 | 270 | 1708 | -.211  | .090  | -.087 | -.648  | 270 | 1833 | -.284  | .059  | -.118 | -.572 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| UD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 270 | 1834 | -.209  | .064  | -.090 | -.457 |
| 270 | 1835 | -.207  | .058  | -.011 | -.506 |
| 270 | 1836 | -.186  | .042  | -.384 | -.038 |
| 270 | 1837 | -.192  | .059  | -.042 | -.448 |
| 270 | 1838 | -.244  | .063  | -.009 | -.515 |
| 270 | 1839 | -.213  | .058  | -.016 | -.483 |
| 270 | 1840 | -.172  | .037  | -.340 | -.036 |
| 270 | 1841 | -.234  | .059  | -.018 | -.652 |
| 270 | 1842 | -.261  | .037  | -.039 | -.517 |
| 270 | 1843 | -.189  | .049  | -.002 | -.483 |
| 270 | 1844 | -.161  | .035  | -.306 | -.000 |
| 270 | 1845 | -.193  | .048  | -.036 | -.328 |
| 270 | 1846 | -.208  | .050  | -.025 | -.400 |
| 270 | 1847 | -.171  | .074  | -.195 | -.447 |
| 270 | 1848 | -.148  | .072  | -.418 | -.295 |
| 270 | 1849 | -.214  | .059  | -.136 | -.516 |
| 270 | 1850 | -.183  | .043  | -.025 | -.335 |
| 270 | 1851 | -.099  | .031  | -.002 | -.231 |
| 270 | 1852 | -.099  | .031  | -.002 | -.231 |
| 270 | 1853 | -.101  | .034  | -.072 | -.247 |
| 270 | 1854 | -.094  | .039  | -.105 | -.206 |
| 270 | 1855 | -.122  | .043  | -.107 | -.278 |
| 270 | 1856 | -.127  | .039  | -.119 | -.248 |
| 270 | 1857 | -.029  | .047  | -.109 | -.284 |
| 270 | 1858 | -.057  | .158  | -.796 | -.873 |
| 270 | 1859 | -.000  | .096  | -.348 | -.346 |
| 270 | 1860 | -.116  | .064  | -.000 | -.000 |
| 270 | 1861 | -.139  | .049  | -.059 | -.421 |
| 270 | 1862 | -.114  | .044  | -.019 | -.462 |
| 270 | 1863 | -.016  | .117  | -.461 | -.387 |
| 270 | 1864 | -.089  | .062  | -.205 | -.426 |
| 270 | 1865 | -.082  | .068  | -.157 | -.445 |
| 270 | 1866 | -.121  | .035  | -.040 | -.430 |
| 270 | 1867 | -.009  | .123  | -.470 | -.635 |
| 270 | 1868 | -.045  | .057  | -.247 | -.216 |
| 270 | 1869 | -.039  | .057  | -.318 | -.356 |
| 270 | 1870 | -.009  | .065  | -.399 | -.208 |
| 270 | 1871 | -.065  | .047  | -.101 | -.245 |
| 270 | 1872 | -.093  | .044  | -.091 | -.293 |
| 270 | 1873 | -.091  | .045  | -.068 | -.377 |
| 270 | 2101 | -.056  | .051  | -.122 | -.263 |
| 270 | 2102 | -.125  | .082  | -.417 | -.130 |
| 270 | 2103 | -.076  | .079  | -.350 | -.224 |
| 270 | 2104 | -.152  | .097  | -.491 | -.376 |
| 270 | 2105 | -.264  | .105  | -.183 | -.771 |
| 270 | 2106 | -.158  | .089  | -.487 | -.140 |
| 270 | 2107 | -.196  | .095  | -.517 | -.079 |
| 270 | 2108 | -.020  | .051  | -.222 | -.197 |
| 270 | 2109 | -.337  | .136  | -.746 | -.229 |

| UD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 270 | 2110 | -.051  | .045  | -.121 | -.203 |
| 270 | 2111 | -.288  | .102  | -.643 | -.012 |
| 270 | 2112 | -.273  | .105  | -.641 | -.030 |
| 270 | 2113 | -.409  | .142  | -.927 | -.078 |
| 270 | 2114 | -.073  | .052  | -.130 | -.245 |
| 270 | 2115 | -.249  | .105  | -.614 | -.043 |
| 270 | 2116 | -.247  | .112  | -.657 | -.039 |
| 270 | 2117 | -.327  | .137  | -.741 | -.199 |
| 270 | 2118 | -.113  | .051  | -.135 | -.275 |
| 270 | 2119 | -.115  | .099  | -.540 | -.155 |
| 270 | 2120 | -.106  | .097  | -.504 | -.150 |
| 270 | 2121 | -.161  | .133  | -.620 | -.266 |
| 270 | 2122 | -.210  | .055  | -.019 | -.445 |
| 270 | 2123 | -.011  | .084  | -.340 | -.303 |
| 270 | 2124 | -.009  | .082  | -.383 | -.242 |
| 270 | 2125 | -.042  | .106  | -.562 | -.261 |
| 270 | 2126 | -.255  | .066  | -.012 | -.308 |
| 270 | 2127 | -.100  | .074  | -.159 | -.421 |
| 270 | 2128 | -.146  | .108  | -.625 | -.146 |
| 270 | 2129 | -.195  | .112  | -.814 | -.206 |
| 270 | 2130 | -.240  | .077  | -.144 | -.643 |
| 270 | 2131 | -.419  | .145  | -.966 | -.105 |
| 270 | 2132 | -.385  | .158  | -.935 | -.160 |
| 270 | 2133 | -.387  | .141  | -.702 | -.293 |
| 270 | 2134 | -.210  | .140  | -.706 | -.245 |
| 270 | 2135 | -.132  | .139  | -.795 | -.355 |
| 270 | 2136 | -.002  | .155  | -.602 | -.470 |
| 270 | 2137 | -.601  | .157  | 1.103 | -.034 |
| 270 | 2138 | -.123  | .123  | .359  | -.543 |
| 270 | 2139 | -.591  | .149  | 1.085 | -.117 |
| 270 | 2140 | -.550  | .148  | .062  | -.009 |
| 270 | 2141 | -.353  | .137  | .684  | -.256 |
| 270 | 2142 | -.068  | .123  | .494  | -.375 |
| 270 | 2143 | -.233  | .099  | .074  | -.595 |
| 270 | 2144 | -.459  | .141  | .970  | -.062 |
| 270 | 2145 | -.409  | .135  | .885  | -.183 |
| 270 | 2146 | -.300  | .129  | .787  | -.172 |
| 270 | 2147 | -.022  | .102  | .426  | -.305 |
| 270 | 2148 | -.197  | .080  | .095  | -.477 |
| 270 | 2149 | -.278  | .137  | .826  | -.103 |
| 270 | 2150 | -.247  | .119  | .745  | -.189 |
| 270 | 2151 | -.097  | .087  | .488  | -.159 |
| 270 | 2152 | -.010  | .070  | .278  | -.236 |
| 270 | 2153 | -.209  | .067  | .027  | -.512 |
| 270 | 2154 | -.157  | .114  | .631  | -.196 |
| 270 | 2155 | -.151  | .101  | .657  | -.176 |
| 270 | 2156 | -.132  | .090  | .625  | -.150 |
| 270 | 2157 | -.082  | .068  | .412  | -.160 |
| 270 | 2158 | -.125  | .064  | .116  | -.449 |
| 270 | 2159 | -.176  | .101  | .657  | -.183 |

| UD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 270 | 2230 | -.138  | .090  | -.569 | -.143 |
| 270 | 2231 | -.135  | .085  | -.542 | -.215 |
| 270 | 2232 | -.161  | .080  | -.503 | -.107 |
| 270 | 2233 | -.198  | .084  | -.531 | -.040 |
| 270 | 2234 | -.140  | .091  | -.588 | -.116 |
| 270 | 2235 | -.209  | .117  | -.807 | -.316 |
| 270 | 2236 | -.209  | .098  | -.749 | -.104 |
| 270 | 2237 | -.233  | .096  | -.674 | -.018 |
| 270 | 2238 | -.260  | .101  | -.695 | -.011 |
| 270 | 2239 | -.314  | .132  | 1.101 | -.036 |
| 270 | 2240 | -.224  | .115  | -.764 | -.212 |
| 270 | 2241 | -.148  | .078  | -.555 | -.153 |
| 270 | 2242 | -.301  | .126  | 1.001 | -.027 |
| 270 | 2301 | -.455  | .378  | -.461 | 1.686 |
| 270 | 2302 | -.168  | .186  | -.372 | 1.075 |
| 270 | 2303 | -.057  | .140  | -.553 | .539  |
| 270 | 2304 | -.080  | .113  | -.582 | .497  |
| 270 | 2305 | -.054  | .155  | -.420 | .664  |
| 270 | 2306 | -.358  | .285  | -.264 | 1.493 |
| 270 | 2307 | -.102  | .122  | -.409 | .690  |
| 270 | 2308 | -.761  | .316  | -.239 | 1.806 |
| 270 | 2309 | -.170  | .089  | -.282 | .628  |
| 270 | 2310 | -.586  | .170  | 1.124 | 1.504 |
| 270 | 2311 | -.599  | .201  | .082  | 1.590 |
| 270 | 2312 | -.428  | .202  | -.479 | 1.120 |
| 270 | 2313 | -.305  | .139  | -.158 | .954  |
| 270 | 2314 | -.437  | .134  | -.038 | 1.112 |
| 270 | 2315 | -.459  | .151  | -.053 | 1.421 |
| 270 | 2316 | -.419  | .157  | -.187 | 1.071 |
| 270 | 2317 | -.393  | .154  | -.136 | 1.141 |
| 270 | 2318 | -.458  | .125  | -.119 | .997  |
| 270 | 2319 | -.456  | .123  | -.050 | 1.007 |
| 270 | 2320 | -.401  | .125  | -.088 | 1.014 |
| 270 | 2321 | -.365  | .111  | -.011 | .818  |
| 270 | 2322 | -.568  | .194  | -.063 | 1.416 |
| 270 | 2323 | -.253  | .100  | -.079 | .720  |
| 270 | 2324 | -.225  | .080  | -.079 | .565  |
| 270 | 2325 | -.330  | .075  | -.140 | .673  |
| 270 | 2326 | -.290  | .105  | -.104 | .706  |
| 270 | 2327 | -.206  | .073  | -.169 | .439  |
| 270 | 2328 | -.193  | .065  | -.045 | .436  |
| 270 | 2329 | -.279  | .089  | -.045 | .603  |
| 270 | 2330 | -.190  | .055  | -.011 | .410  |
| 270 | 2331 | -.214  | .064  | -.000 | .601  |
| 270 | 2332 | -.120  | .072  | -.479 | .346  |
| 270 | 2401 | -.258  | .056  | -.088 | .527  |
| 270 | 2402 | -.243  | .060  | -.016 | .537  |
| 270 | 2403 | -.259  | .069  | -.032 | .653  |
| 270 | 2404 | -.256  | .071  | -.007 | .648  |
| 270 | 2405 | -.269  | .067  | -.061 | .682  |

## APPENDIX A -- PRESSURE DATA

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 270 | 2406 | .259   | .072  | .043  | .683  | 270 | 2521 | .257   | .043  | .073  | .424  | 270 | 2704 | .062   | .107  | .591  | .367  |
| 270 | 2407 | .246   | .059  | .066  | .585  | 270 | 2522 | .245   | .044  | .075  | .413  | 270 | 2705 | .018   | .109  | .446  | .446  |
| 270 | 2408 | .224   | .032  | .061  | .466  | 270 | 2523 | .263   | .042  | .092  | .414  | 270 | 2706 | .052   | .085  | .378  | .342  |
| 270 | 2409 | .267   | .078  | .054  | .621  | 270 | 2524 | .310   | .061  | .139  | .605  | 270 | 2707 | .041   | .087  | .314  | .306  |
| 270 | 2410 | .246   | .065  | .029  | .631  | 270 | 2525 | .299   | .053  | .125  | .523  | 270 | 2708 | .047   | .116  | .496  | .412  |
| 270 | 2411 | .255   | .053  | .094  | .459  | 270 | 2526 | .289   | .051  | .138  | .468  | 270 | 2709 | .172   | .084  | .092  | .640  |
| 270 | 2412 | .251   | .050  | .101  | .450  | 270 | 2527 | .313   | .050  | .122  | .515  | 270 | 2710 | .151   | .077  | .129  | .685  |
| 270 | 2413 | .280   | .056  | .129  | .547  | 270 | 2528 | .305   | .075  | .122  | .684  | 270 | 2711 | .126   | .122  | .317  | .660  |
| 270 | 2414 | .294   | .088  | .011  | .703  | 270 | 2529 | .252   | .058  | .045  | .546  | 270 | 2712 | .001   | .107  | .450  | .433  |
| 270 | 2415 | .281   | .068  | .073  | .688  | 270 | 2530 | .260   | .063  | .100  | .648  | 270 | 2713 | .014   | .093  | .472  | .374  |
| 270 | 2416 | .272   | .059  | .110  | .695  | 270 | 2531 | .116   | .048  | .111  | .282  | 270 | 2714 | .037   | .095  | .316  | .392  |
| 270 | 2417 | .279   | .050  | .113  | .493  | 270 | 2532 | .242   | .060  | .077  | .529  | 270 | 2715 | .048   | .119  | .522  | .472  |
| 270 | 2418 | .268   | .054  | .124  | .568  | 270 | 2601 | .262   | .083  | .005  | .817  | 270 | 2716 | .223   | .130  | .748  | .084  |
| 270 | 2419 | .328   | .087  | .053  | .708  | 270 | 2602 | .250   | .071  | .033  | .716  | 270 | 2717 | .250   | .130  | .880  | .079  |
| 270 | 2420 | .312   | .073  | .117  | .643  | 270 | 2603 | .249   | .063  | .061  | .614  | 270 | 2718 | .252   | .124  | .858  | .062  |
| 270 | 2421 | .312   | .059  | .147  | .565  | 270 | 2604 | .262   | .053  | .103  | .483  | 270 | 2719 | .211   | .120  | .863  | .124  |
| 270 | 2422 | .323   | .052  | .138  | .478  | 270 | 2605 | .249   | .046  | .097  | .422  | 270 | 2720 | .009   | .090  | .319  | .341  |
| 270 | 2423 | .284   | .052  | .132  | .544  | 270 | 2606 | .238   | .047  | .056  | .445  | 270 | 2721 | .044   | .093  | .368  | .474  |
| 270 | 2424 | .480   | .184  | .155  | .502  | 270 | 2607 | .231   | .054  | .066  | .505  | 270 | 2722 | .051   | .085  | .328  | .477  |
| 270 | 2425 | .380   | .087  | .160  | .841  | 270 | 2608 | .229   | .040  | .089  | .388  | 270 | 2723 | .030   | .137  | .664  | .559  |
| 270 | 2426 | .322   | .067  | .144  | .609  | 270 | 2609 | .241   | .036  | .137  | .410  | 270 | 2724 | .186   | .129  | .103  | .341  |
| 270 | 2427 | .294   | .054  | .146  | .521  | 270 | 2610 | .230   | .029  | .145  | .343  | 270 | 2725 | .111   | .119  | .298  | .755  |
| 270 | 2428 | .288   | .051  | .126  | .497  | 270 | 2611 | .220   | .030  | .115  | .339  | 270 | 2801 | .269   | .112  | .007  | .855  |
| 270 | 2429 | .265   | .111  | .111  | .985  | 270 | 2612 | .231   | .031  | .122  | .345  | 270 | 2802 | .303   | .101  | .056  | .895  |
| 270 | 2430 | .233   | .046  | .063  | .392  | 270 | 2613 | .221   | .031  | .111  | .327  | 270 | 2803 | .296   | .107  | .917  | .029  |
| 270 | 2431 | .254   | .067  | .073  | .626  | 270 | 2614 | .250   | .034  | .156  | .399  | 270 | 2804 | .262   | .106  | .070  | .765  |
| 270 | 2432 | .217   | .054  | .027  | .394  | 270 | 2615 | .237   | .030  | .155  | .348  | 270 | 2805 | .261   | .116  | .187  | .980  |
| 270 | 2433 | .221   | .052  | .014  | .423  | 270 | 2616 | .249   | .031  | .163  | .359  | 270 | 2806 | .187   | .097  | .238  | .625  |
| 270 | 2434 | .234   | .050  | .014  | .415  | 270 | 2617 | .233   | .032  | .127  | .358  | 270 | 2807 | .114   | .090  | .531  | .284  |
| 270 | 2435 | .181   | .059  | .144  | .397  | 270 | 2618 | .219   | .034  | .110  | .357  | 270 | 2808 | .066   | .101  | .445  | .476  |
| 270 | 2501 | .246   | .070  | .052  | .621  | 270 | 2619 | .291   | .050  | .143  | .477  | 270 | 2809 | .026   | .132  | .625  | .405  |
| 270 | 2502 | .249   | .083  | .037  | .771  | 270 | 2620 | .283   | .040  | .153  | .428  | 270 | 2810 | .098   | .089  | .375  | .409  |
| 270 | 2503 | .238   | .070  | .049  | .618  | 270 | 2621 | .255   | .037  | .139  | .405  | 270 | 2811 | .234   | .067  | .538  | .043  |
| 270 | 2504 | .264   | .071  | .029  | .581  | 270 | 2622 | .242   | .050  | .014  | .515  | 270 | 2812 | .188   | .060  | .060  | .483  |
| 270 | 2505 | .254   | .068  | .045  | .690  | 270 | 2623 | .233   | .052  | .009  | .496  | 270 | 2813 | .254   | .087  | .113  | .630  |
| 270 | 2506 | .234   | .069  | .068  | .697  | 270 | 2624 | .285   | .080  | .158  | .785  | 270 | 2814 | .208   | .067  | .117  | .430  |
| 270 | 2507 | .228   | .070  | .033  | .959  | 270 | 2625 | .176   | .079  | .160  | .775  | 270 | 2815 | .127   | .058  | .395  | .195  |
| 270 | 2508 | .244   | .061  | .084  | .550  | 270 | 2626 | .400   | .095  | .186  | .091  | 270 | 2816 | .091   | .064  | .166  | .327  |
| 270 | 2509 | .227   | .051  | .085  | .535  | 270 | 2627 | .364   | .082  | .174  | .795  | 270 | 2817 | .020   | .080  | .319  | .244  |
| 270 | 2510 | .237   | .055  | .091  | .475  | 270 | 2628 | .349   | .070  | .165  | .677  | 270 | 2818 | .057   | .075  | .258  | .304  |
| 270 | 2511 | .221   | .049  | .082  | .632  | 270 | 2629 | .259   | .061  | .097  | .641  | 270 | 2819 | .188   | .053  | .500  | .012  |
| 270 | 2512 | .254   | .047  | .105  | .443  | 270 | 2630 | .338   | .073  | .175  | .678  | 270 | 2820 | .142   | .058  | .077  | .354  |
| 270 | 2513 | .234   | .038  | .125  | .367  | 270 | 2631 | .220   | .046  | .078  | .407  | 270 | 2821 | .212   | .082  | .105  | .709  |
| 270 | 2514 | .232   | .036  | .084  | .371  | 270 | 2632 | .304   | .072  | .100  | .708  | 270 | 2822 | .158   | .059  | .362  | .098  |
| 270 | 2515 | .229   | .034  | .108  | .360  | 270 | 2633 | .300   | .050  | .139  | .634  | 270 | 2823 | .085   | .067  | .260  | .299  |
| 270 | 2516 | .265   | .044  | .112  | .445  | 270 | 2634 | .281   | .056  | .114  | .601  | 270 | 2824 | .035   | .079  | .253  | .298  |
| 270 | 2517 | .244   | .037  | .115  | .367  | 270 | 2635 | .292   | .068  | .038  | .585  | 270 | 2825 | .012   | .103  | .438  | .291  |
| 270 | 2518 | .234   | .033  | .091  | .357  | 270 | 2701 | .141   | .079  | .081  | .450  | 270 | 2826 | .011   | .082  | .299  | .280  |
| 270 | 2519 | .236   | .034  | .134  | .374  | 270 | 2702 | .057   | .057  | .156  | .255  | 270 | 2827 | .216   | .048  | .041  | .457  |
| 270 | 2520 | .271   | .046  | .074  | .431  | 270 | 2703 | .028   | .049  | .206  | .199  | 270 | 2828 | .153   | .056  | .419  | .026  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|-------|
| 2870 | 28229 | -.224  | .064  | .048  | .493  | 285 | 105  | -.358  | .124  | -.182 | -1.093 | 285 | 1201 | -.293  | .046  | -.090 | -.505 |
| 2870 | 28230 | -.158  | .055  | .067  | .460  | 285 | 106  | -.658  | .189  | -.083 | -1.485 | 285 | 1202 | -.284  | .048  | -.092 | -.483 |
| 2870 | 28231 | -.098  | .055  | .112  | .360  | 285 | 107  | -.273  | .117  | -.020 | -1.253 | 285 | 1203 | -.297  | .048  | -.091 | -.497 |
| 2870 | 28232 | -.047  | .064  | .219  | .326  | 285 | 108  | -.241  | .152  | -.029 | -1.171 | 285 | 1204 | -.320  | .054  | -.092 | -.588 |
| 2870 | 28233 | -.012  | .080  | .368  | .303  | 285 | 109  | -.324  | .076  | -.077 | -1.716 | 285 | 1205 | -.356  | .063  | -.117 | -.614 |
| 2870 | 28234 | -.009  | .078  | .295  | .383  | 285 | 110  | -.162  | .048  | -.032 | -.398  | 285 | 1206 | -.341  | .066  | -.135 | -.642 |
| 2870 | 28235 | -.189  | .048  | .005  | .463  | 285 | 111  | -.335  | .088  | -.124 | -.722  | 285 | 1207 | -.301  | .042  | -.161 | -.432 |
| 2870 | 28236 | -.201  | .054  | .419  | .107  | 285 | 112  | -.303  | .112  | -.113 | -.951  | 285 | 1208 | -.355  | .055  | -.170 | -.586 |
| 2870 | 28237 | -.055  | .050  | .214  | .195  | 285 | 201  | -.309  | .157  | -.174 | -1.494 | 285 | 1209 | -.337  | .044  | -.185 | -.641 |
| 2870 | 28238 | -.009  | .076  | .276  | .331  | 285 | 202  | -.422  | .100  | -.163 | -.998  | 285 | 1210 | -.327  | .040  | -.193 | -.538 |
| 2870 | 28239 | -.174  | .048  | .012  | .516  | 285 | 203  | -.447  | .123  | -.133 | -1.111 | 285 | 1211 | -.344  | .045  | -.190 | -.519 |
| 2870 | 28240 | -.187  | .052  | .538  | .005  | 285 | 204  | -.381  | .135  | -.165 | -1.021 | 285 | 1212 | -.356  | .050  | -.187 | -.559 |
| 2870 | 28241 | -.081  | .051  | .219  | .341  | 285 | 205  | -.391  | .109  | -.099 | -.912  | 285 | 1213 | -.381  | .059  | -.195 | -.644 |
| 2870 | 28242 | -.008  | .074  | .283  | .314  | 285 | 206  | -.372  | .104  | -.011 | -.787  | 285 | 1214 | -.342  | .062  | -.152 | -.637 |
| 2870 | 28243 | -.157  | .043  | .019  | .326  | 285 | 207  | -.378  | .103  | -.032 | -.841  | 285 | 1215 | -.347  | .053  | -.187 | -.574 |
| 2870 | 28244 | -.167  | .053  | .381  | .081  | 285 | 208  | -.409  | .099  | -.009 | -.836  | 285 | 1216 | -.373  | .059  | -.192 | -.636 |
| 2870 | 28245 | -.055  | .058  | .278  | .226  | 285 | 209  | -.395  | .078  | -.198 | -.855  | 285 | 1217 | -.423  | .082  | -.158 | -.885 |
| 2870 | 28246 | -.032  | .054  | .424  | .201  | 285 | 210  | -.454  | .094  | -.170 | -.884  | 285 | 1218 | -.428  | .100  | -.150 | -.866 |
| 2870 | 28247 | -.199  | .052  | .007  | .406  | 285 | 211  | -.455  | .102  | -.163 | -.934  | 285 | 1219 | -.354  | .062  | -.173 | -.586 |
| 2870 | 28248 | -.197  | .052  | .419  | .055  | 285 | 212  | -.447  | .123  | -.053 | -.985  | 285 | 1220 | -.356  | .057  | -.185 | -.538 |
| 2870 | 28249 | -.159  | .042  | .014  | .339  | 285 | 1101 | -.284  | .059  | -.101 | -.545  | 285 | 1221 | -.447  | .096  | -.178 | -.873 |
| 2870 | 28250 | -.129  | .050  | .048  | .332  | 285 | 1102 | -.310  | .066  | -.121 | -.650  | 285 | 1222 | -.472  | .108  | -.164 | -.954 |
| 2870 | 28251 | -.147  | .049  | .111  | .334  | 285 | 1103 | -.320  | .076  | -.124 | -.813  | 285 | 1223 | -.507  | .136  | -.139 | -.964 |
| 2870 | 28252 | -.147  | .049  | .111  | .334  | 285 | 1104 | -.335  | .056  | -.085 | -.560  | 285 | 1224 | -.349  | .071  | -.163 | -.666 |
| 2870 | 28253 | -.108  | .046  | .222  | .234  | 285 | 1105 | -.348  | .074  | -.146 | -.656  | 285 | 1225 | -.286  | .053  | -.124 | -.485 |
| 2870 | 28254 | -.059  | .039  | .111  | .169  | 285 | 1106 | -.391  | .056  | -.119 | -.595  | 285 | 1226 | -.226  | .057  | -.043 | -.444 |
| 2870 | 28255 | -.051  | .043  | .171  | .159  | 285 | 1107 | -.307  | .054  | -.115 | -.546  | 285 | 1227 | -.413  | .129  | -.034 | -.888 |
| 2870 | 28256 | -.010  | .055  | .334  | .132  | 285 | 1108 | -.283  | .047  | -.123 | -.478  | 285 | 1228 | -.331  | .098  | -.044 | -.782 |
| 2870 | 28257 | -.015  | .065  | .301  | .166  | 285 | 1109 | -.296  | .045  | -.134 | -.451  | 285 | 1229 | -.283  | .063  | -.051 | -.614 |
| 2870 | 28258 | -.091  | .054  | .092  | .385  | 285 | 1110 | -.304  | .050  | -.163 | -.527  | 285 | 1230 | -.182  | .056  | -.005 | -.374 |
| 2870 | 28259 | -.201  | .143  | .114  | .075  | 285 | 1111 | -.323  | .050  | -.168 | -.563  | 285 | 1231 | -.133  | .063  | -.110 | -.348 |
| 2870 | 28260 | -.233  | .159  | .087  | .316  | 285 | 1112 | -.319  | .050  | -.176 | -.572  | 285 | 1232 | -.021  | .106  | -.476 | -.309 |
| 2870 | 28261 | -.113  | .107  | .230  | .643  | 285 | 1113 | -.326  | .056  | -.173 | -.701  | 285 | 1233 | -.387  | .094  | -.085 | -.839 |
| 2870 | 28262 | -.050  | .109  | .270  | .604  | 285 | 1114 | -.323  | .128  | -.036 | -1.470 | 285 | 1234 | -.158  | .059  | -.080 | -.336 |
| 2870 | 28263 | -.148  | .041  | .028  | .310  | 285 | 1115 | -.341  | .101  | -.095 | -1.019 | 285 | 1235 | -.064  | .099  | -.447 | -.261 |
| 2870 | 28264 | -.107  | .044  | .024  | .400  | 285 | 1116 | -.360  | .086  | -.135 | -.879  | 285 | 1236 | -.019  | .101  | -.433 | -.322 |
| 2870 | 28265 | -.012  | .060  | .242  | .276  | 285 | 1117 | -.354  | .085  | -.154 | -.872  | 285 | 1237 | -.146  | .118  | -.794 | -.172 |
| 2870 | 28266 | -.070  | .069  | .210  | .371  | 285 | 1118 | -.368  | .136  | -.012 | -1.395 | 285 | 1238 | -.149  | .075  | -.102 | -.424 |
| 2870 | 28267 | -.107  | .043  | .069  | .327  | 285 | 1119 | -.382  | .102  | -.098 | -1.146 | 285 | 1239 | -.065  | .098  | -.363 | -.442 |
| 2870 | 28268 | -.032  | .041  | .121  | .190  | 285 | 1120 | -.425  | .088  | -.012 | -.739  | 285 | 1240 | -.000  | .096  | -.353 | -.380 |
| 2870 | 28269 | -.117  | .070  | .501  | .099  | 285 | 1121 | -.338  | .100  | -.130 | -.864  | 285 | 1241 | -.094  | .065  | -.143 | -.416 |
| 2870 | 28270 | -.044  | .051  | .277  | .135  | 285 | 1122 | -.344  | .095  | -.076 | -1.035 | 285 | 1242 | -.302  | .134  | -.044 | -.855 |
| 2870 | 28271 | -.001  | .053  | .244  | .188  | 285 | 1123 | -.355  | .079  | -.124 | -.794  | 285 | 1301 | -.345  | .078  | -.075 | -.732 |
| 2870 | 28272 | -.093  | .098  | .309  | .475  | 285 | 1124 | -.355  | .083  | -.148 | -.819  | 285 | 1302 | -.383  | .076  | -.107 | -.724 |
| 2870 | 28273 | -.053  | .075  | .353  | .353  | 285 | 1125 | -.396  | .107  | -.160 | -.935  | 285 | 1303 | -.358  | .065  | -.150 | -.721 |
| 285  | 101   | -.082  | .053  | .091  | .348  | 285 | 1126 | -.334  | .089  | -.073 | -.933  | 285 | 1304 | -.351  | .059  | -.155 | -.661 |
| 285  | 102   | -.213  | .110  | .104  | .620  | 285 | 1127 | -.334  | .076  | -.161 | -.834  | 285 | 1305 | -.380  | .079  | -.107 | -.692 |
| 285  | 103   | -.425  | .098  | .041  | .753  | 285 | 1128 | -.338  | .071  | -.152 | -.674  | 285 | 1306 | -.377  | .063  | -.196 | -.714 |
| 285  | 104   | -.467  | .099  | .196  | .123  | 285 | 1129 | -.330  | .069  | -.062 | -.718  | 285 | 1307 | -.342  | .054  | -.167 | -.590 |
| 285  |       |        |       |       |       | 285 | 1130 | -.395  | .115  | -.097 | -1.130 | 285 | 1308 | -.383  | .066  | -.203 | -.690 |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRNS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRNS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRNS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 285 | 1309 | -.290  | .051  | -.109 | -.510  | 285 | 1427 | -.133  | .069  | .106  | -.431  | 285 | 1610 | -.094  | .189  | .375  | -1.143 |
| 285 | 1310 | -.385  | .076  | -.140 | -.946  | 285 | 1428 | -.101  | .076  | .189  | -.400  | 285 | 1611 | -.054  | .092  | .360  | -.534  |
| 285 | 1311 | -.373  | .063  | -.143 | -.830  | 285 | 1429 | -.077  | .058  | .142  | -.442  | 285 | 1612 | -.085  | .082  | .295  | -.323  |
| 285 | 1312 | -.349  | .061  | -.126 | -.852  | 285 | 1430 | -.060  | .081  | .312  | -.518  | 285 | 1613 | -.201  | .064  | .076  | -.415  |
| 285 | 1313 | -.302  | .054  | -.086 | -.596  | 285 | 1431 | -.044  | .073  | .288  | -.240  | 285 | 1614 | -.473  | .180  | .059  | -1.115 |
| 285 | 1314 | -.466  | .131  | -.000 | -1.329 | 285 | 1432 | -.005  | .080  | .370  | -.235  | 285 | 1615 | -.297  | .160  | .228  | -.946  |
| 285 | 1315 | -.449  | .118  | -.034 | -1.343 | 285 | 1433 | -.060  | .077  | .387  | -.156  | 285 | 1616 | -.218  | .109  | .224  | -.750  |
| 285 | 1316 | -.434  | .113  | -.182 | -1.506 | 285 | 1434 | -.045  | .079  | .349  | -.208  | 285 | 1617 | -.206  | .090  | .306  | -.577  |
| 285 | 1317 | -.376  | .098  | -.156 | -.929  | 285 | 1435 | .016   | .073  | .305  | -.230  | 285 | 1618 | -.251  | .104  | .274  | -.864  |
| 285 | 1318 | -.506  | .133  | -.131 | -1.184 | 285 | 1501 | .380   | .177  | .894  | -.601  | 285 | 1619 | -.315  | .122  | .075  | -.878  |
| 285 | 1319 | -.523  | .123  | -.138 | -1.224 | 285 | 1502 | .278   | .168  | .771  | -.422  | 285 | 1620 | -.242  | .113  | .104  | -.802  |
| 285 | 1320 | -.537  | .122  | -.162 | -1.233 | 285 | 1503 | .496   | .153  | .082  | -1.162 | 285 | 1621 | -.205  | .090  | .145  | -.669  |
| 285 | 1321 | -.498  | .104  | -.161 | -1.255 | 285 | 1504 | .178   | .347  | .802  | -.963  | 285 | 1622 | -.215  | .084  | .108  | -.583  |
| 285 | 1322 | -.303  | .104  | -.027 | -.755  | 285 | 1505 | -.269  | .201  | .290  | -.897  | 285 | 1623 | -.263  | .084  | .056  | -.694  |
| 285 | 1323 | -.373  | .137  | -.017 | -.982  | 285 | 1506 | .415   | .159  | .871  | -.201  | 285 | 1624 | -.186  | .126  | .276  | -.739  |
| 285 | 1324 | -.482  | .174  | -.085 | -1.218 | 285 | 1507 | .281   | .148  | .736  | -.306  | 285 | 1625 | -.117  | .085  | .249  | -.503  |
| 285 | 1325 | -.529  | .217  | -.093 | -1.597 | 285 | 1508 | .403   | .177  | .994  | -.217  | 285 | 1626 | -.110  | .075  | .176  | -.480  |
| 285 | 1326 | -.208  | .083  | -.167 | -.564  | 285 | 1509 | .474   | .176  | .982  | -.183  | 285 | 1627 | -.146  | .067  | .160  | -.452  |
| 285 | 1327 | -.231  | .088  | -.090 | -.560  | 285 | 1510 | .371   | .215  | 1.159 | -.520  | 285 | 1628 | -.215  | .063  | .045  | -.578  |
| 285 | 1328 | -.263  | .108  | -.111 | -.765  | 285 | 1511 | .327   | .171  | .859  | -.341  | 285 | 1629 | -.085  | .095  | .335  | -.408  |
| 285 | 1329 | -.382  | .176  | -.035 | -1.433 | 285 | 1512 | .257   | .222  | .755  | -.916  | 285 | 1630 | -.187  | .077  | .274  | -.417  |
| 285 | 1330 | -.094  | .081  | -.276 | -.505  | 285 | 1513 | .273   | .167  | .823  | -.434  | 285 | 1631 | -.121  | .069  | .381  | -.085  |
| 285 | 1331 | -.194  | .061  | -.063 | -.503  | 285 | 1514 | -.280  | .159  | .888  | -.260  | 285 | 1632 | -.028  | .079  | .262  | -.229  |
| 285 | 1332 | -.107  | .053  | -.109 | -.286  | 285 | 1515 | -.065  | .182  | .685  | -.440  | 285 | 1633 | -.069  | .079  | .280  | -.413  |
| 285 | 1401 | -.136  | .090  | -.473 | -.221  | 285 | 1516 | -.221  | .209  | .248  | -1.265 | 285 | 1634 | -.075  | .078  | .309  | -.288  |
| 285 | 1402 | .211   | .111  | -.598 | -.220  | 285 | 1517 | -.110  | .088  | .223  | -.520  | 285 | 1635 | -.097  | .087  | .384  | -.332  |
| 285 | 1403 | .244   | .118  | -.653 | -.235  | 285 | 1518 | -.080  | .077  | .251  | -.382  | 285 | 1701 | -.116  | .058  | .414  | -.055  |
| 285 | 1404 | .301   | .128  | -.695 | -.150  | 285 | 1519 | -.255  | .107  | .125  | -.652  | 285 | 1702 | -.173  | .052  | .021  | -.351  |
| 285 | 1405 | .403   | .133  | -.813 | -.128  | 285 | 1520 | -.236  | .160  | .179  | -.965  | 285 | 1703 | -.219  | .058  | -.026 | -.460  |
| 285 | 1406 | .460   | .156  | -.959 | -.261  | 285 | 1521 | -.140  | .095  | .157  | -.603  | 285 | 1704 | -.316  | .069  | -.142 | -.658  |
| 285 | 1407 | .187   | .102  | -.506 | -.058  | 285 | 1522 | -.081  | .095  | .286  | -.504  | 285 | 1705 | -.306  | .060  | -.604 | -.117  |
| 285 | 1408 | .536   | .160  | -.990 | -.235  | 285 | 1523 | -.194  | .093  | .186  | -.600  | 285 | 1706 | -.312  | .078  | -.046 | -.641  |
| 285 | 1409 | .198   | .109  | -.584 | -.058  | 285 | 1524 | -.050  | .112  | .418  | -.512  | 285 | 1707 | -.282  | .075  | .100  | -.638  |
| 285 | 1410 | .389   | .149  | -.847 | -.169  | 285 | 1525 | -.013  | .117  | .498  | -.638  | 285 | 1708 | -.247  | .104  | .130  | -.825  |
| 285 | 1411 | .455   | .159  | -.970 | -.058  | 285 | 1526 | -.003  | .115  | .557  | -.335  | 285 | 1709 | -.192  | .123  | .616  | -.161  |
| 285 | 1412 | .436   | .154  | -.923 | .012   | 285 | 1527 | -.053  | .102  | .358  | -.386  | 285 | 1710 | -.196  | .157  | .835  | -.290  |
| 285 | 1413 | .399   | .149  | -.908 | .086   | 285 | 1528 | -.074  | .082  | .375  | -.444  | 285 | 1711 | -.303  | .065  | .620  | -.117  |
| 285 | 1414 | .132   | .138  | -.583 | .404   | 285 | 1529 | -.056  | .105  | .439  | -.361  | 285 | 1712 | -.321  | .066  | -.121 | -.850  |
| 285 | 1415 | .302   | .170  | -.871 | .218   | 285 | 1530 | -.058  | .093  | .431  | -.344  | 285 | 1713 | -.270  | .069  | -.064 | -.674  |
| 285 | 1416 | .320   | .176  | -.049 | .174   | 285 | 1531 | -.001  | .060  | .322  | -.234  | 285 | 1714 | -.184  | .084  | .126  | -.486  |
| 285 | 1417 | .227   | .140  | -.743 | .196   | 285 | 1532 | .016   | .094  | .491  | -.342  | 285 | 1715 | -.328  | .135  | .961  | -.167  |
| 285 | 1418 | .060   | .109  | -.506 | .327   | 285 | 1601 | -.337  | .253  | .223  | -1.405 | 285 | 1716 | -.332  | .073  | .151  | -.625  |
| 285 | 1419 | -.018  | .141  | -.552 | .513   | 285 | 1602 | -.029  | .071  | .237  | -.309  | 285 | 1717 | -.319  | .065  | -.128 | -.636  |
| 285 | 1420 | .112   | .165  | -.688 | .458   | 285 | 1603 | -.006  | .065  | .238  | -.259  | 285 | 1718 | -.333  | .067  | -.142 | -.667  |
| 285 | 1421 | .099   | .157  | -.713 | .331   | 285 | 1604 | -.006  | .060  | .276  | -.255  | 285 | 1719 | -.337  | .071  | -.137 | -.807  |
| 285 | 1422 | .028   | .142  | -.639 | .334   | 285 | 1605 | -.036  | .055  | .335  | -.282  | 285 | 1720 | -.332  | .091  | .938  | -.053  |
| 285 | 1423 | .073   | .111  | -.542 | .302   | 285 | 1606 | -.178  | .041  | .057  | -.362  | 285 | 1721 | -.184  | .066  | .039  | -.741  |
| 285 | 1424 | -.185  | .066  | -.024 | -.506  | 285 | 1607 | -.372  | .264  | .482  | -1.285 | 285 | 1722 | -.198  | .063  | .033  | -.873  |
| 285 | 1425 | -.123  | .068  | -.098 | .435   | 285 | 1608 | -.150  | .047  | .031  | -.385  | 285 | 1723 | -.118  | .091  | .286  | -.416  |
| 285 | 1426 | -.152  | .069  | -.070 | .453   | 285 | 1609 | -.426  | .242  | .351  | -1.165 | 285 | 1724 | -.084  | .215  | .553  | -.704  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|-------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 285 | 1725 | .237   | .143  | .339  | .076  | 285 | 1830  | .200   | .058  | .026  | .391  | 285 | 2126 | .329   | .098  | .051  | .693  |
| 285 | 1801 | .378   | .094  | .125  | .755  | 285 | 1851  | .103   | .033  | .002  | .238  | 285 | 2127 | .082   | .079  | .229  | .433  |
| 285 | 1802 | .382   | .104  | .035  | .912  | 285 | 1851  | .103   | .033  | .002  | .238  | 285 | 2128 | .225   | .113  | .700  | .076  |
| 285 | 1803 | .380   | .111  | .974  | .027  | 285 | 1852  | .131   | .042  | .012  | .310  | 285 | 2129 | .295   | .123  | .760  | .198  |
| 285 | 1804 | .275   | .074  | .028  | .671  | 285 | 1853  | .116   | .041  | .048  | .279  | 285 | 2130 | .214   | .129  | .264  | .723  |
| 285 | 1805 | .213   | .054  | .028  | .502  | 285 | 1854  | .142   | .046  | .012  | .328  | 285 | 2201 | .340   | .123  | .728  | .048  |
| 285 | 1806 | .246   | .075  | .060  | .835  | 285 | 1855  | .159   | .044  | .000  | .320  | 285 | 2202 | .283   | .122  | .651  | .129  |
| 285 | 1807 | .424   | .225  | .944  | .016  | 285 | 1856  | .137   | .053  | .090  | .308  | 285 | 2203 | .259   | .117  | .626  | .094  |
| 285 | 1808 | .334   | .212  | .107  | .763  | 285 | 1857  | .153   | .169  | .663  | .555  | 285 | 2204 | .212   | .111  | .564  | .170  |
| 285 | 1809 | .381   | .150  | .113  | .120  | 285 | 1858  | .190   | .091  | .261  | .502  | 285 | 2205 | .143   | .103  | .490  | .231  |
| 285 | 1810 | .292   | .078  | .070  | .677  | 285 | 1859  | .000   | .000  | .000  | .000  | 285 | 2206 | .047   | .087  | .240  | .400  |
| 285 | 1811 | .317   | .092  | .805  | .014  | 285 | 1860  | .210   | .061  | .071  | .466  | 285 | 2207 | .586   | .151  | 1.189 | .193  |
| 285 | 1812 | .227   | .058  | .014  | .632  | 285 | 1861  | .214   | .052  | .048  | .486  | 285 | 2208 | .049   | .096  | .313  | .432  |
| 285 | 1813 | .223   | .048  | .080  | .429  | 285 | 1862  | .171   | .050  | .040  | .452  | 285 | 2209 | .602   | .153  | 1.088 | .172  |
| 285 | 1814 | .246   | .064  | .088  | .540  | 285 | 1863  | .079   | .113  | .399  | .444  | 285 | 2210 | .619   | .146  | 1.056 | .253  |
| 285 | 1815 | .239   | .076  | .602  | .005  | 285 | 1864  | .175   | .055  | .012  | .402  | 285 | 2211 | .440   | .134  | .892  | .064  |
| 285 | 1816 | .403   | .131  | .042  | .101  | 285 | 1865  | .155   | .074  | .045  | .575  | 285 | 2212 | .266   | .115  | .638  | .105  |
| 285 | 1817 | .403   | .123  | .138  | .061  | 285 | 1866  | .193   | .060  | .019  | .499  | 285 | 2213 | .073   | .087  | .197  | .399  |
| 285 | 1818 | .276   | .073  | .028  | .582  | 285 | 1867  | .000   | .131  | .418  | .511  | 285 | 2214 | .530   | .151  | 1.014 | .140  |
| 285 | 1819 | .285   | .105  | .661  | .142  | 285 | 1868  | .098   | .051  | .104  | .303  | 285 | 2215 | .572   | .143  | 1.008 | .196  |
| 285 | 1820 | .205   | .054  | .023  | .420  | 285 | 1869  | .057   | .062  | .157  | .334  | 285 | 2216 | .499   | .134  | .890  | .134  |
| 285 | 1821 | .223   | .050  | .052  | .389  | 285 | 1870  | .023   | .080  | .281  | .311  | 285 | 2217 | .222   | .100  | .582  | .050  |
| 285 | 1822 | .239   | .063  | .551  | .062  | 285 | 1871  | .089   | .053  | .068  | .318  | 285 | 2218 | .081   | .081  | .180  | .369  |
| 285 | 1823 | .222   | .062  | .007  | .475  | 285 | 1872  | .147   | .051  | .012  | .381  | 285 | 2219 | .439   | .130  | .861  | .066  |
| 285 | 1824 | .292   | .091  | .702  | .037  | 285 | 1873  | .138   | .053  | .045  | .401  | 285 | 2220 | .440   | .126  | .863  | .110  |
| 285 | 1825 | .331   | .075  | .058  | .653  | 285 | 21101 | .067   | .066  | .178  | .274  | 285 | 2221 | .283   | .103  | .632  | .014  |
| 285 | 1826 | .248   | .081  | .104  | .575  | 285 | 21102 | .131   | .095  | .420  | .148  | 285 | 2222 | .147   | .085  | .498  | .111  |
| 285 | 1827 | .315   | .092  | .030  | .709  | 285 | 21103 | .093   | .096  | .403  | .197  | 285 | 2223 | .124   | .074  | .116  | .395  |
| 285 | 1828 | .198   | .058  | .453  | .014  | 285 | 21104 | .173   | .117  | .550  | .208  | 285 | 2224 | .308   | .139  | .796  | .132  |
| 285 | 1829 | .212   | .047  | .065  | .400  | 285 | 21105 | .262   | .122  | .279  | .896  | 285 | 2225 | .282   | .132  | .802  | .140  |
| 285 | 1830 | .242   | .057  | .099  | .594  | 285 | 21106 | .161   | .090  | .564  | .094  | 285 | 2226 | .252   | .125  | .754  | .116  |
| 285 | 1831 | .219   | .054  | .005  | .423  | 285 | 21107 | .199   | .104  | .605  | .103  | 285 | 2227 | .205   | .097  | .571  | .059  |
| 285 | 1832 | .272   | .075  | .684  | .034  | 285 | 21108 | .049   | .050  | .182  | .209  | 285 | 2228 | .072   | .071  | .179  | .371  |
| 285 | 1833 | .315   | .085  | .070  | .590  | 285 | 21109 | .325   | .165  | .765  | .365  | 285 | 2229 | .279   | .133  | .788  | .158  |
| 285 | 1834 | .250   | .068  | .042  | .498  | 285 | 21110 | .116   | .043  | .072  | .262  | 285 | 2230 | .246   | .127  | .789  | .142  |
| 285 | 1835 | .263   | .081  | .074  | .707  | 285 | 21111 | .272   | .099  | .591  | .005  | 285 | 2231 | .260   | .122  | .727  | .062  |
| 285 | 1836 | .213   | .048  | .430  | .055  | 285 | 21112 | .252   | .104  | .623  | .016  | 285 | 2232 | .295   | .117  | .725  | .029  |
| 285 | 1837 | .194   | .065  | .062  | .483  | 285 | 21113 | .346   | .164  | .813  | .437  | 285 | 2233 | .346   | .120  | .760  | .046  |
| 285 | 1838 | .273   | .073  | .059  | .561  | 285 | 21114 | .159   | .046  | .060  | .322  | 285 | 2234 | .273   | .116  | .696  | .013  |
| 285 | 1839 | .235   | .070  | .035  | .523  | 285 | 21115 | .221   | .094  | .582  | .027  | 285 | 2235 | .343   | .160  | .965  | .212  |
| 285 | 1840 | .190   | .046  | .416  | .000  | 285 | 21116 | .202   | .100  | .583  | .053  | 285 | 2236 | .342   | .141  | .923  | .137  |
| 285 | 1841 | .247   | .080  | .023  | .530  | 285 | 21117 | .299   | .153  | .817  | .264  | 285 | 2237 | .389   | .139  | .973  | .052  |
| 285 | 1842 | .316   | .063  | .101  | .564  | 285 | 21118 | .170   | .053  | .096  | .342  | 285 | 2238 | .425   | .149  | 1.018 | .079  |
| 285 | 1843 | .208   | .066  | .060  | .402  | 285 | 21119 | .169   | .092  | .561  | .082  | 285 | 2239 | .515   | .173  | 1.139 | .009  |
| 285 | 1844 | .178   | .043  | .366  | .037  | 285 | 21120 | .150   | .093  | .565  | .089  | 285 | 2240 | .390   | .170  | .955  | .174  |
| 285 | 1845 | .213   | .057  | .049  | .490  | 285 | 21121 | .251   | .138  | .778  | .217  | 285 | 2241 | .314   | .123  | .815  | .023  |
| 285 | 1846 | .239   | .067  | .101  | .488  | 285 | 21122 | .238   | .080  | .012  | .573  | 285 | 2242 | .501   | .169  | 1.154 | .002  |
| 285 | 1847 | .192   | .086  | .244  | .435  | 285 | 21123 | .122   | .085  | .485  | .190  | 285 | 2301 | .666   | .251  | .026  | .668  |
| 285 | 1848 | .151   | .095  | .380  | .254  | 285 | 21124 | .122   | .088  | .547  | .174  | 285 | 2302 | .502   | .143  | .042  | .027  |
| 285 | 1849 | .244   | .067  | .146  | .618  | 285 | 21125 | .207   | .120  | .647  | .170  | 285 | 2303 | .324   | .147  | .096  | .839  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD   | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|--------|------|-------|--------|-------|-------|--------|------|-------|--------|-------|-------|-------|
| 2855 | 23304 | -.294  | .125  | -.035 | -.795  | 2855 | 24222 | -.324  | .059  | -.153 | -.601  | 2855 | 26005 | -.333  | .054  | -.160 | -.593 |
| 2855 | 23305 | -.460  | .127  | -.093 | -.934  | 2855 | 24223 | -.351  | .060  | -.136 | -.601  | 2855 | 26006 | -.308  | .049  | -.154 | -.487 |
| 2855 | 23306 | -.589  | .178  | -.083 | -1.882 | 2855 | 24224 | -.474  | .162  | -.197 | -1.687 | 2855 | 26007 | -.374  | .080  | -.153 | -.930 |
| 2855 | 23307 | -.342  | .161  | -.136 | -.846  | 2855 | 24225 | -.421  | .097  | -.149 | -.871  | 2855 | 26008 | -.314  | .044  | -.180 | -.444 |
| 2855 | 23308 | -.575  | .183  | -.146 | -1.546 | 2855 | 24226 | -.362  | .079  | -.093 | -.849  | 2855 | 26009 | -.373  | .054  | -.214 | -.619 |
| 2855 | 23309 | -.335  | .138  | -.077 | -.832  | 2855 | 24227 | -.348  | .067  | -.054 | -.608  | 2855 | 26010 | -.343  | .052  | -.190 | -.552 |
| 2855 | 23310 | -.451  | .141  | -.174 | -1.167 | 2855 | 24228 | -.365  | .075  | -.176 | -.672  | 2855 | 26011 | -.322  | .045  | -.194 | -.477 |
| 2855 | 23311 | -.479  | .154  | -.160 | -1.229 | 2855 | 24229 | -.369  | .148  | -.021 | -1.188 | 2855 | 26012 | -.332  | .044  | -.195 | -.464 |
| 2855 | 23312 | -.473  | .155  | -.016 | -1.194 | 2855 | 24230 | -.362  | .079  | -.019 | -.559  | 2855 | 26013 | -.318  | .044  | -.165 | -.454 |
| 2855 | 23313 | -.455  | .162  | -.005 | -1.351 | 2855 | 24231 | -.327  | .090  | -.026 | -.839  | 2855 | 26014 | -.358  | .056  | -.194 | -.624 |
| 2855 | 23314 | -.433  | .140  | -.148 | -1.171 | 2855 | 24232 | -.273  | .068  | -.000 | -.582  | 2855 | 26015 | -.346  | .049  | -.208 | -.564 |
| 2855 | 23315 | -.450  | .140  | -.056 | -1.269 | 2855 | 24233 | -.259  | .067  | -.051 | -.568  | 2855 | 26016 | -.338  | .048  | -.222 | -.548 |
| 2855 | 23316 | -.443  | .137  | -.000 | -1.212 | 2855 | 24234 | -.259  | .067  | -.039 | -.573  | 2855 | 26017 | -.337  | .046  | -.192 | -.512 |
| 2855 | 23317 | -.452  | .145  | -.065 | -1.265 | 2855 | 24235 | -.208  | .073  | -.143 | -.531  | 2855 | 26018 | -.314  | .051  | -.192 | -.588 |
| 2855 | 23318 | -.475  | .133  | -.213 | -1.336 | 2855 | 25001 | -.313  | .087  | -.065 | -.853  | 2855 | 26019 | -.422  | .082  | -.155 | -.872 |
| 2855 | 23319 | -.480  | .124  | -.183 | -1.337 | 2855 | 25002 | -.304  | .079  | -.038 | -.676  | 2855 | 26020 | -.425  | .069  | -.230 | -.797 |
| 2855 | 23320 | -.441  | .111  | -.086 | -.904  | 2855 | 25003 | -.361  | .106  | -.078 | -.848  | 2855 | 26021 | -.398  | .065  | -.216 | -.658 |
| 2855 | 23321 | -.406  | .104  | -.079 | -.850  | 2855 | 25004 | -.337  | .074  | -.077 | -.659  | 2855 | 26022 | -.366  | .062  | -.190 | -.712 |
| 2855 | 23322 | -.707  | .224  | -.132 | -2.055 | 2855 | 25005 | -.346  | .088  | -.090 | -.806  | 2855 | 26023 | -.442  | .060  | -.140 | -.934 |
| 2855 | 23323 | -.239  | .113  | -.106 | -.691  | 2855 | 25006 | -.302  | .072  | -.072 | -.876  | 2855 | 26024 | -.501  | .129  | -.188 | -.121 |
| 2855 | 23324 | -.228  | .091  | -.065 | -.556  | 2855 | 25007 | -.318  | .081  | -.036 | -.807  | 2855 | 26025 | -.524  | .116  | -.243 | -.013 |
| 2855 | 23325 | -.346  | .085  | -.100 | -.699  | 2855 | 25008 | -.316  | .068  | -.099 | -.592  | 2855 | 26026 | -.572  | .144  | -.228 | -.187 |
| 2855 | 23326 | -.284  | .107  | -.009 | -.740  | 2855 | 25009 | -.314  | .063  | -.102 | -.704  | 2855 | 26027 | -.534  | .142  | -.211 | -.323 |
| 2855 | 23327 | -.213  | .077  | -.089 | -.540  | 2855 | 25110 | -.294  | .068  | -.091 | -.775  | 2855 | 26028 | -.517  | .126  | -.205 | -.054 |
| 2855 | 23328 | -.218  | .080  | -.086 | -.542  | 2855 | 25111 | -.320  | .067  | -.039 | -.736  | 2855 | 26029 | -.502  | .089  | -.049 | -.690 |
| 2855 | 23329 | -.290  | .076  | -.068 | -.683  | 2855 | 25112 | -.322  | .056  | -.121 | -.595  | 2855 | 26030 | -.500  | .162  | -.187 | -.437 |
| 2855 | 23330 | -.192  | .065  | -.141 | -.468  | 2855 | 25113 | -.315  | .046  | -.165 | -.508  | 2855 | 26031 | -.501  | .072  | -.036 | -.569 |
| 2855 | 23331 | -.202  | .070  | -.080 | -.479  | 2855 | 25114 | -.294  | .043  | -.113 | -.449  | 2855 | 26032 | -.581  | .113  | -.089 | -.842 |
| 2855 | 23332 | -.131  | .079  | -.223 | -.399  | 2855 | 25115 | -.322  | .046  | -.191 | -.511  | 2855 | 26033 | -.590  | .104  | -.143 | -.962 |
| 2855 | 24001 | -.316  | .097  | -.026 | -.790  | 2855 | 25116 | -.346  | .062  | -.168 | -.713  | 2855 | 26034 | -.538  | .087  | -.050 | -.775 |
| 2855 | 24002 | -.303  | .101  | -.009 | -.763  | 2855 | 25117 | -.332  | .049  | -.141 | -.544  | 2855 | 26035 | -.371  | .098  | -.044 | -.855 |
| 2855 | 24003 | -.320  | .099  | -.031 | -.812  | 2855 | 25118 | -.326  | .050  | -.158 | -.547  | 2855 | 27001 | -.266  | .118  | -.022 | -.818 |
| 2855 | 24004 | -.317  | .095  | -.021 | -.837  | 2855 | 25119 | -.348  | .055  | -.218 | -.603  | 2855 | 27002 | -.041  | .065  | -.243 | -.246 |
| 2855 | 24005 | -.327  | .087  | -.016 | -.715  | 2855 | 25220 | -.396  | .078  | -.178 | -.723  | 2855 | 27003 | -.003  | .056  | -.264 | -.171 |
| 2855 | 24006 | -.308  | .084  | -.023 | -.795  | 2855 | 25221 | -.376  | .065  | -.175 | -.646  | 2855 | 27004 | -.180  | .141  | -.794 | -.296 |
| 2855 | 24007 | -.303  | .091  | -.049 | -.766  | 2855 | 25222 | -.360  | .058  | -.180 | -.633  | 2855 | 27005 | -.013  | .132  | -.563 | -.514 |
| 2855 | 24008 | -.259  | .058  | -.079 | -.542  | 2855 | 25223 | -.390  | .061  | -.155 | -.591  | 2855 | 27006 | -.069  | .101  | -.374 | -.596 |
| 2855 | 24009 | -.342  | .097  | -.061 | -.762  | 2855 | 25224 | -.432  | .108  | -.158 | -.921  | 2855 | 27007 | -.090  | .118  | -.254 | -.595 |
| 2855 | 24110 | -.303  | .077  | -.086 | -.632  | 2855 | 25225 | -.409  | .090  | -.168 | -.726  | 2855 | 27008 | -.069  | .091  | -.318 | -.465 |
| 2855 | 24111 | -.300  | .060  | -.134 | -.554  | 2855 | 25226 | -.391  | .082  | -.151 | -.698  | 2855 | 27009 | -.178  | .058  | -.047 | -.416 |
| 2855 | 24112 | -.293  | .056  | -.090 | -.532  | 2855 | 25227 | -.427  | .094  | -.138 | -.874  | 2855 | 27110 | -.150  | .062  | -.069 | -.487 |
| 2855 | 24113 | -.303  | .050  | -.123 | -.550  | 2855 | 25228 | -.366  | .132  | -.052 | -1.042 | 2855 | 27111 | -.274  | .150  | -.231 | -.943 |
| 2855 | 24114 | -.327  | .086  | -.072 | -.784  | 2855 | 25229 | -.284  | .084  | -.039 | -.663  | 2855 | 27112 | -.039  | .136  | -.499 | -.472 |
| 2855 | 24115 | -.313  | .068  | -.106 | -.810  | 2855 | 25330 | -.282  | .111  | -.010 | -.919  | 2855 | 27113 | -.008  | .129  | -.397 | -.561 |
| 2855 | 24116 | -.302  | .058  | -.109 | -.774  | 2855 | 25331 | -.079  | .069  | -.171 | -.445  | 2855 | 27114 | -.135  | .084  | -.192 | -.451 |
| 2855 | 24117 | -.309  | .049  | -.137 | -.492  | 2855 | 25332 | -.268  | .082  | -.047 | -.750  | 2855 | 27115 | -.121  | .081  | -.387 | -.214 |
| 2855 | 24118 | -.302  | .049  | -.104 | -.471  | 2855 | 26001 | -.393  | .114  | -.095 | -1.034 | 2855 | 27116 | -.397  | .139  | -.905 | -.010 |
| 2855 | 24119 | -.358  | .078  | -.080 | -.702  | 2855 | 26002 | -.368  | .091  | -.072 | -1.156 | 2855 | 27117 | -.360  | .129  | -.929 | -.025 |
| 2855 | 24220 | -.344  | .071  | -.144 | -.807  | 2855 | 26003 | -.348  | .076  | -.119 | -.964  | 2855 | 27118 | -.352  | .124  | -.872 | -.034 |
| 2855 | 24221 | -.343  | .061  | -.133 | -.824  | 2855 | 26004 | -.353  | .062  | -.148 | -.753  | 2855 | 27119 | -.315  | .124  | -.807 | -.010 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 285 | 2720 | -.024  | .121  | .531  | -.365 | 285 | 2845 | -.098  | .044  | .111  | -.251  | 300 | 209  | -.545  | .153  | -.034 | -1.234 |
| 285 | 2721 | -.090  | .126  | .297  | -.755 | 285 | 2846 | -.069  | .058  | .232  | -.238  | 300 | 210  | -.507  | .119  | -.148 | -1.053 |
| 285 | 2722 | -.106  | .116  | .260  | -.713 | 285 | 2847 | -.201  | .070  | .022  | -.553  | 300 | 211  | -.510  | .123  | -.132 | -.967  |
| 285 | 2723 | -.191  | .092  | .209  | -.667 | 285 | 2848 | -.215  | .072  | .570  | -.019  | 300 | 212  | -.486  | .123  | -.129 | -1.163 |
| 285 | 2724 | -.222  | .084  | .658  | -.158 | 285 | 2849 | -.161  | .056  | .187  | -.391  | 300 | 1101 | -.302  | .057  | -.109 | -.507  |
| 285 | 2725 | -.168  | .078  | .172  | -.533 | 285 | 2850 | -.114  | .052  | .081  | -.301  | 300 | 1102 | -.317  | .058  | -.111 | -.527  |
| 285 | 2726 | -.323  | .132  | .120  | -.820 | 285 | 2851 | -.104  | .065  | .271  | -.323  | 300 | 1103 | -.329  | .074  | -.079 | -1.131 |
| 285 | 2801 | -.373  | .124  | .005  | -.814 | 285 | 2852 | -.104  | .065  | .271  | -.323  | 300 | 1104 | -.324  | .071  | -.068 | -.828  |
| 285 | 2802 | -.395  | .161  | .094  | -.037 | 285 | 2853 | -.086  | .066  | .273  | -.241  | 300 | 1105 | -.337  | .069  | -.118 | -.620  |
| 285 | 2803 | -.153  | .116  | .236  | .730  | 285 | 2854 | -.083  | .036  | .052  | -.190  | 300 | 1106 | -.311  | .056  | -.131 | -.526  |
| 285 | 2804 | -.164  | .108  | .235  | .627  | 285 | 2855 | -.092  | .033  | .037  | -.216  | 300 | 1107 | -.332  | .059  | -.153 | -.575  |
| 285 | 2805 | -.111  | .126  | .401  | .508  | 285 | 2856 | -.063  | .038  | .112  | -.210  | 300 | 1108 | -.311  | .055  | -.121 | -.509  |
| 285 | 2806 | -.098  | .117  | .448  | .448  | 285 | 2857 | -.077  | .048  | .127  | -.259  | 300 | 1109 | -.330  | .062  | -.163 | -.757  |
| 285 | 2807 | -.127  | .084  | .366  | .388  | 285 | 2858 | -.123  | .040  | .027  | -.297  | 300 | 1110 | -.368  | .092  | -.126 | -.999  |
| 285 | 2808 | -.098  | .075  | .301  | .311  | 285 | 2859 | -.141  | .067  | .084  | -.417  | 300 | 1111 | -.365  | .067  | -.185 | -.692  |
| 285 | 2809 | -.127  | .073  | .241  | .413  | 285 | 2860 | -.173  | .099  | .064  | -.863  | 300 | 1112 | -.352  | .058  | -.196 | -.647  |
| 285 | 2810 | -.196  | .082  | .572  | .073  | 285 | 2861 | -.258  | .147  | .127  | -1.174 | 300 | 1113 | -.349  | .054  | -.168 | -.653  |
| 285 | 2811 | -.135  | .068  | .084  | .450  | 285 | 2862 | -.155  | .209  | .185  | -1.508 | 300 | 1114 | -.385  | .096  | -.107 | -.781  |
| 285 | 2812 | -.204  | .084  | .093  | .688  | 285 | 2863 | -.201  | .055  | .407  | -1.138 | 300 | 1115 | -.374  | .067  | -.161 | -.631  |
| 285 | 2813 | -.177  | .078  | .324  | .438  | 285 | 2864 | -.136  | .050  | .054  | -.445  | 300 | 1116 | -.369  | .061  | -.152 | -.633  |
| 285 | 2814 | -.133  | .063  | .341  | .175  | 285 | 2865 | -.071  | .070  | .030  | -.358  | 300 | 1117 | -.382  | .061  | -.190 | -.591  |
| 285 | 2815 | -.135  | .058  | .430  | .472  | 285 | 2866 | -.084  | .068  | .362  | -.142  | 300 | 1118 | -.380  | .080  | -.133 | -.684  |
| 285 | 2816 | -.103  | .057  | .171  | .294  | 285 | 2867 | -.133  | .053  | .139  | -.321  | 300 | 1119 | -.408  | .075  | -.200 | -.770  |
| 285 | 2817 | -.128  | .054  | .129  | .321  | 285 | 2868 | -.007  | .053  | .022  | -.413  | 300 | 1120 | -.433  | .079  | -.239 | -.719  |
| 285 | 2818 | -.150  | .070  | .451  | .163  | 285 | 2869 | .218   | .105  | .236  | -.149  | 300 | 1121 | -.477  | .094  | -.224 | -.830  |
| 285 | 2819 | -.122  | .071  | .165  | .430  | 285 | 2870 | .121   | .074  | .657  | -.050  | 300 | 1122 | -.394  | .065  | -.215 | -.626  |
| 285 | 2820 | -.177  | .079  | .193  | .622  | 285 | 2871 | -.054  | .063  | .407  | -.067  | 300 | 1123 | -.421  | .065  | -.224 | -.695  |
| 285 | 2821 | -.156  | .083  | .419  | .258  | 285 | 2872 | -.054  | .111  | .313  | -.100  | 300 | 1124 | -.441  | .075  | -.225 | -.748  |
| 285 | 2822 | -.128  | .064  | .169  | .453  | 285 | 2873 | -.167  | .107  | .338  | -.624  | 300 | 1125 | -.502  | .104  | -.236 | -1.031 |
| 285 | 2823 | -.112  | .051  | .331  | .146  | 300 | 101  | -.362  | .092  | .694  | -.232  | 300 | 1126 | -.406  | .070  | -.247 | -.774  |
| 285 | 2824 | -.099  | .060  | .187  | .352  | 300 | 102  | -.459  | .102  | .002  | -.718  | 300 | 1127 | -.438  | .072  | -.273 | -.731  |
| 285 | 2825 | -.096  | .059  | .110  | .375  | 300 | 103  | -.465  | .094  | -.099 | -.842  | 300 | 1128 | -.423  | .071  | -.270 | -.712  |
| 285 | 2826 | -.218  | .067  | .120  | .479  | 300 | 104  | -.427  | .071  | .166  | -.909  | 300 | 1129 | -.415  | .078  | -.187 | -.733  |
| 285 | 2827 | -.135  | .061  | .365  | .090  | 300 | 105  | -.451  | .076  | -.229 | -1.108 | 300 | 1130 | -.491  | .117  | -.240 | -1.133 |
| 285 | 2828 | -.200  | .070  | .152  | .524  | 300 | 106  | -.455  | .089  | -.252 | -.834  | 300 | 1201 | -.355  | .070  | -.153 | -.865  |
| 285 | 2829 | -.163  | .067  | .127  | .497  | 300 | 107  | -.530  | .165  | -.201 | -.924  | 300 | 1202 | -.360  | .073  | -.087 | -.773  |
| 285 | 2830 | -.135  | .053  | .117  | .378  | 300 | 108  | -.367  | .092  | -.097 | -1.216 | 300 | 1203 | -.378  | .072  | -.096 | -.735  |
| 285 | 2831 | -.116  | .048  | .273  | .076  | 300 | 109  | -.262  | .070  | -.036 | -.867  | 300 | 1204 | -.388  | .073  | -.085 | -.796  |
| 285 | 2832 | -.105  | .055  | .125  | .349  | 300 | 110  | -.426  | .104  | -.036 | -.653  | 300 | 1205 | -.398  | .071  | -.136 | -.677  |
| 285 | 2833 | -.093  | .065  | .127  | .419  | 300 | 111  | -.489  | .098  | -.112 | -.866  | 300 | 1206 | -.370  | .075  | -.111 | -.768  |
| 285 | 2834 | -.170  | .064  | .132  | .413  | 300 | 112  | -.453  | .080  | -.229 | -1.016 | 300 | 1207 | -.347  | .059  | -.159 | -.569  |
| 285 | 2835 | -.193  | .073  | .490  | .212  | 300 | 201  | -.561  | .180  | -.224 | -.864  | 300 | 1208 | -.377  | .063  | -.133 | -.619  |
| 285 | 2836 | -.106  | .037  | .032  | .256  | 300 | 202  | -.492  | .122  | -.174 | -1.598 | 300 | 1209 | -.372  | .049  | -.210 | -.580  |
| 285 | 2837 | -.105  | .066  | .127  | .438  | 300 | 203  | -.491  | .122  | -.168 | -1.055 | 300 | 1210 | -.363  | .045  | -.234 | -.534  |
| 285 | 2838 | -.162  | .058  | .045  | .413  | 300 | 204  | -.457  | .148  | -.193 | -1.171 | 300 | 1211 | -.369  | .047  | -.226 | -.565  |
| 285 | 2839 | -.161  | .056  | .385  | .122  | 300 | 205  | -.460  | .132  | -.093 | -1.073 | 300 | 1212 | -.376  | .053  | -.175 | -.636  |
| 285 | 2840 | -.128  | .048  | .025  | .425  | 300 | 206  | -.418  | .134  | -.036 | -1.021 | 300 | 1213 | -.400  | .065  | -.192 | -.821  |
| 285 | 2841 | -.063  | .063  | .198  | .279  | 300 | 207  | -.418  | .114  | -.043 | -1.146 | 300 | 1214 | -.380  | .054  | -.152 | -.596  |
| 285 | 2842 | -.145  | .052  | .077  | .341  | 300 | 208  | -.466  | .112  | -.084 | -1.029 | 300 | 1215 | -.410  | .058  | -.209 | -.689  |
| 285 | 2843 | -.129  | .066  | .341  | .219  | 300 |      |        |       | -.149 | -.894  | 300 | 1216 | -.433  | .065  | -.206 | -.820  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX  | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX  | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX  | CPMIN  |
|-----|------|--------|-------|--------|--------|-----|------|--------|-------|--------|--------|-----|------|--------|-------|--------|--------|
| 300 | 1217 | - .471 | .080  | - .273 | -1.113 | 300 | 1325 | - .357 | .179  | - .144 | -1.703 | 300 | 1508 | .059   | .106  | .495   | - .288 |
| 300 | 1218 | - .462 | .082  | - .254 | -1.024 | 300 | 1326 | - .255 | .113  | .131   | - .645 | 300 | 1509 | .052   | .113  | .525   | - .303 |
| 300 | 1219 | - .435 | .069  | - .226 | - .733 | 300 | 1327 | - .269 | .125  | .206   | - .773 | 300 | 1510 | .063   | .212  | .688   | - .795 |
| 300 | 1220 | - .451 | .074  | - .235 | - .754 | 300 | 1328 | - .303 | .144  | .194   | - .905 | 300 | 1511 | - .258 | .108  | .202   | - .643 |
| 300 | 1221 | - .530 | .098  | - .273 | - .984 | 300 | 1329 | - .477 | .193  | .021   | -1.710 | 300 | 1512 | - .099 | .189  | .552   | - .731 |
| 300 | 1222 | - .530 | .099  | - .217 | - .942 | 300 | 1330 | - .099 | .124  | .567   | - .274 | 300 | 1513 | .047   | .088  | .338   | - .234 |
| 300 | 1223 | - .559 | .116  | - .276 | -1.396 | 300 | 1331 | - .150 | .093  | .191   | - .628 | 300 | 1514 | .123   | .098  | .422   | - .166 |
| 300 | 1224 | - .430 | .073  | - .235 | - .750 | 300 | 1332 | - .002 | .075  | .330   | - .240 | 300 | 1515 | - .341 | .076  | - .033 | - .624 |
| 300 | 1225 | - .351 | .055  | - .171 | - .607 | 300 | 1401 | .218   | .103  | .587   | - .189 | 300 | 1516 | - .292 | .165  | .248   | - .880 |
| 300 | 1226 | - .282 | .063  | - .024 | - .587 | 300 | 1402 | .262   | .117  | .674   | - .141 | 300 | 1517 | - .058 | .071  | .194   | - .326 |
| 300 | 1227 | - .553 | .136  | - .113 | -1.074 | 300 | 1403 | .267   | .120  | .659   | - .136 | 300 | 1518 | - .024 | .080  | .347   | - .256 |
| 300 | 1228 | - .441 | .116  | - .061 | -1.024 | 300 | 1404 | .310   | .126  | .750   | - .107 | 300 | 1519 | - .365 | .070  | - .136 | - .725 |
| 300 | 1229 | - .363 | .061  | - .171 | - .672 | 300 | 1405 | .361   | .123  | .741   | - .049 | 300 | 1520 | - .139 | .163  | .370   | - .889 |
| 300 | 1230 | - .244 | .058  | - .036 | - .444 | 300 | 1406 | .350   | .135  | .785   | - .145 | 300 | 1521 | - .062 | .068  | .203   | - .350 |
| 300 | 1231 | - .189 | .068  | - .053 | - .480 | 300 | 1407 | .257   | .106  | .594   | - .070 | 300 | 1522 | - .013 | .079  | .329   | - .277 |
| 300 | 1232 | - .036 | .114  | - .429 | - .405 | 300 | 1408 | .427   | .138  | .869   | - .000 | 300 | 1523 | - .363 | .076  | - .150 | - .699 |
| 300 | 1233 | - .484 | .105  | - .202 | - .972 | 300 | 1409 | .261   | .103  | .606   | - .030 | 300 | 1524 | - .131 | .099  | .236   | - .474 |
| 300 | 1234 | - .173 | .077  | - .065 | - .427 | 300 | 1410 | .478   | .138  | .914   | - .051 | 300 | 1525 | - .077 | .095  | .435   | - .355 |
| 300 | 1235 | - .018 | .101  | - .387 | - .273 | 300 | 1411 | .570   | .153  | 1.025  | - .111 | 300 | 1526 | - .025 | .094  | .329   | - .310 |
| 300 | 1236 | - .024 | .103  | - .373 | - .359 | 300 | 1412 | .555   | .152  | 1.002  | - .097 | 300 | 1527 | - .180 | .092  | .120   | - .547 |
| 300 | 1237 | - .102 | .127  | - .679 | - .223 | 300 | 1413 | .443   | .134  | .867   | - .012 | 300 | 1528 | - .043 | .062  | .179   | - .274 |
| 300 | 1238 | - .213 | .090  | - .070 | - .728 | 300 | 1414 | .181   | .101  | .451   | - .095 | 300 | 1529 | - .125 | .108  | .163   | - .671 |
| 300 | 1239 | - .114 | .110  | - .247 | - .617 | 300 | 1415 | .420   | .133  | .814   | - .061 | 300 | 1530 | - .009 | .075  | .263   | - .273 |
| 300 | 1240 | - .054 | .102  | - .310 | - .499 | 300 | 1416 | .499   | .144  | .939   | - .131 | 300 | 1531 | - .024 | .055  | .236   | - .179 |
| 300 | 1241 | - .156 | .077  | - .090 | - .587 | 300 | 1417 | .500   | .142  | 1.016  | - .044 | 300 | 1532 | - .103 | .133  | .439   | - .535 |
| 300 | 1242 | - .392 | .165  | - .027 | -1.019 | 300 | 1418 | .321   | .131  | .746   | - .070 | 300 | 1601 | -1.232 | .262  | - .423 | -2.057 |
| 300 | 1301 | - .387 | .092  | - .026 | - .815 | 300 | 1419 | .040   | .095  | .397   | - .286 | 300 | 1602 | - .495 | .153  | - .098 | -1.101 |
| 300 | 1302 | - .414 | .082  | - .114 | - .875 | 300 | 1420 | .258   | .116  | .750   | - .092 | 300 | 1603 | - .343 | .100  | - .007 | - .852 |
| 300 | 1303 | - .381 | .066  | - .170 | - .919 | 300 | 1421 | .397   | .129  | .797   | - .005 | 300 | 1604 | - .282 | .076  | - .014 | - .748 |
| 300 | 1304 | - .376 | .061  | - .184 | - .750 | 300 | 1422 | .379   | .138  | .897   | - .070 | 300 | 1605 | - .259 | .064  | - .002 | - .396 |
| 300 | 1305 | - .392 | .073  | - .182 | - .948 | 300 | 1423 | .262   | .132  | .805   | - .145 | 300 | 1606 | - .195 | .048  | - .039 | - .390 |
| 300 | 1306 | - .410 | .071  | - .189 | -1.008 | 300 | 1424 | - .108 | .080  | .189   | - .442 | 300 | 1607 | -1.106 | .246  | - .420 | -2.090 |
| 300 | 1307 | - .370 | .057  | - .182 | - .666 | 300 | 1425 | - .044 | .061  | .210   | - .298 | 300 | 1608 | - .282 | .053  | - .134 | - .587 |
| 300 | 1308 | - .423 | .087  | - .150 | -1.267 | 300 | 1426 | - .088 | .054  | .119   | - .279 | 300 | 1609 | - .782 | .144  | - .359 | -1.293 |
| 300 | 1309 | - .309 | .055  | - .144 | - .671 | 300 | 1427 | - .127 | .049  | .068   | - .291 | 300 | 1610 | - .769 | .149  | - .252 | -1.306 |
| 300 | 1310 | - .416 | .090  | - .158 | -1.253 | 300 | 1428 | - .126 | .062  | .083   | - .345 | 300 | 1611 | - .578 | .194  | - .096 | -1.295 |
| 300 | 1311 | - .404 | .068  | - .136 | -1.037 | 300 | 1429 | - .060 | .070  | .331   | - .200 | 300 | 1612 | - .420 | .160  | - .085 | - .991 |
| 300 | 1312 | - .378 | .061  | - .214 | - .782 | 300 | 1430 | - .037 | .066  | .342   | - .228 | 300 | 1613 | - .349 | .107  | - .047 | -1.196 |
| 300 | 1313 | - .322 | .054  | - .135 | - .526 | 300 | 1431 | - .132 | .084  | .427   | - .114 | 300 | 1614 | - .628 | .123  | - .317 | -1.404 |
| 300 | 1314 | - .465 | .087  | - .201 | -1.071 | 300 | 1432 | - .180 | .093  | .546   | - .090 | 300 | 1615 | - .647 | .122  | - .317 | -1.347 |
| 300 | 1315 | - .460 | .070  | - .238 | - .790 | 300 | 1433 | - .214 | .100  | .690   | - .075 | 300 | 1616 | - .643 | .127  | - .158 | -1.139 |
| 300 | 1316 | - .447 | .065  | - .235 | - .682 | 300 | 1434 | - .221 | .104  | .645   | - .191 | 300 | 1617 | - .528 | .153  | - .066 | -1.262 |
| 300 | 1317 | - .394 | .065  | - .193 | - .655 | 300 | 1435 | - .184 | .099  | .601   | - .184 | 300 | 1618 | - .442 | .152  | - .037 | -1.187 |
| 300 | 1318 | - .574 | .123  | - .257 | -1.221 | 300 | 1501 | - .004 | .175  | .393   | - .638 | 300 | 1619 | - .720 | .148  | - .347 | -1.441 |
| 300 | 1319 | - .572 | .111  | - .279 | -1.071 | 300 | 1502 | - .012 | .103  | .338   | - .329 | 300 | 1620 | - .716 | .153  | - .304 | -1.401 |
| 300 | 1320 | - .555 | .101  | - .289 | - .976 | 300 | 1503 | - .505 | .098  | .197   | - .873 | 300 | 1621 | - .515 | .170  | - .057 | -1.177 |
| 300 | 1321 | - .495 | .093  | - .191 | - .983 | 300 | 1504 | - .075 | .144  | .526   | - .642 | 300 | 1622 | - .390 | .129  | - .007 | - .958 |
| 300 | 1322 | - .422 | .126  | - .012 | - .991 | 300 | 1505 | - .050 | .127  | .385   | - .454 | 300 | 1623 | - .346 | .088  | - .063 | - .819 |
| 300 | 1323 | - .511 | .154  | - .024 | -1.071 | 300 | 1506 | - .050 | .113  | .473   | - .308 | 300 | 1624 | - .592 | .211  | - .045 | -1.526 |
| 300 | 1324 | - .635 | .173  | - .053 | -1.447 | 300 | 1507 | - .184 | .099  | .246   | - .521 | 300 | 1625 | - .264 | .082  | - .033 | - .742 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 300 | 1626 | .223   | .060  | .019  | .462  |
| 300 | 1627 | .241   | .058  | .038  | .425  |
| 300 | 1628 | .303   | .058  | .104  | .528  |
| 300 | 1629 | .247   | .080  | .031  | .534  |
| 300 | 1630 | .303   | .066  | .049  | .660  |
| 300 | 1631 | .022   | .050  | .202  | .164  |
| 300 | 1632 | .164   | .058  | .021  | .422  |
| 300 | 1633 | .213   | .046  | .061  | .414  |
| 300 | 1634 | .216   | .044  | .056  | .366  |
| 300 | 1635 | .227   | .047  | .040  | .385  |
| 300 | 1701 | .181   | .064  | .493  | .000  |
| 300 | 1702 | .221   | .059  | .014  | .490  |
| 300 | 1703 | .260   | .065  | .005  | .535  |
| 300 | 1704 | .371   | .077  | .186  | .849  |
| 300 | 1705 | .367   | .085  | .977  | .132  |
| 300 | 1706 | .355   | .105  | .014  | .852  |
| 300 | 1707 | .330   | .094  | .005  | .732  |
| 300 | 1708 | .263   | .141  | .108  | .921  |
| 300 | 1709 | .193   | .135  | .728  | .212  |
| 300 | 1710 | .258   | .158  | 1.065 | .346  |
| 300 | 1711 | .363   | .072  | .792  | .126  |
| 300 | 1712 | .370   | .071  | .084  | .652  |
| 300 | 1713 | .328   | .091  | .054  | .775  |
| 300 | 1714 | .127   | .086  | .133  | .421  |
| 300 | 1715 | .300   | .101  | .877  | .000  |
| 300 | 1716 | .426   | .072  | .239  | .724  |
| 300 | 1717 | .406   | .063  | .225  | .645  |
| 300 | 1718 | .426   | .065  | .238  | .693  |
| 300 | 1719 | .435   | .067  | .253  | .714  |
| 300 | 1720 | .416   | .138  | 1.069 | .064  |
| 300 | 1721 | .191   | .066  | .109  | .508  |
| 300 | 1722 | .205   | .066  | .071  | .483  |
| 300 | 1723 | .004   | .091  | .335  | .312  |
| 300 | 1724 | .141   | .145  | .568  | .514  |
| 300 | 1725 | .273   | .108  | .135  | .731  |
| 300 | 1801 | .493   | .088  | .259  | .867  |
| 300 | 1802 | .503   | .098  | .202  | 1.004 |
| 300 | 1803 | .481   | .115  | 1.039 | .189  |
| 300 | 1804 | .293   | .059  | .079  | .622  |
| 300 | 1805 | .251   | .054  | .101  | .537  |
| 300 | 1806 | .331   | .110  | .091  | .909  |
| 300 | 1807 | .428   | .209  | 1.546 | .112  |
| 300 | 1808 | .305   | .118  | .070  | 1.555 |
| 300 | 1809 | .257   | .056  | .078  | .639  |
| 300 | 1810 | .256   | .061  | .074  | .556  |
| 300 | 1811 | .340   | .086  | .779  | .103  |
| 300 | 1812 | .248   | .042  | .107  | .415  |
| 300 | 1813 | .243   | .045  | .108  | .457  |
| 300 | 1814 | .278   | .071  | .105  | .604  |
| 300 | 1815 | .335   | .086  | .735  | .126  |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 300 | 1816 | .330   | .098  | .139  | .745  |
| 300 | 1817 | .276   | .058  | .108  | .587  |
| 300 | 1818 | .246   | .063  | .053  | .560  |
| 300 | 1819 | .294   | .053  | .550  | .123  |
| 300 | 1820 | .244   | .040  | .053  | .397  |
| 300 | 1821 | .255   | .043  | .113  | .429  |
| 300 | 1822 | .257   | .052  | .477  | .114  |
| 300 | 1823 | .305   | .056  | .114  | .556  |
| 300 | 1824 | .310   | .066  | .721  | .130  |
| 300 | 1825 | .283   | .060  | .128  | .645  |
| 300 | 1826 | .227   | .059  | .026  | .500  |
| 300 | 1827 | .303   | .049  | .142  | .525  |
| 300 | 1828 | .237   | .037  | .368  | .128  |
| 300 | 1829 | .229   | .038  | .121  | .441  |
| 300 | 1830 | .259   | .047  | .108  | .488  |
| 300 | 1831 | .258   | .057  | .135  | .551  |
| 300 | 1832 | .312   | .068  | .721  | .130  |
| 300 | 1833 | .290   | .060  | .118  | .580  |
| 300 | 1834 | .232   | .058  | .052  | .483  |
| 300 | 1835 | .287   | .042  | .146  | .481  |
| 300 | 1836 | .282   | .045  | .420  | .119  |
| 300 | 1837 | .224   | .051  | .053  | .452  |
| 300 | 1838 | .246   | .055  | .057  | .452  |
| 300 | 1839 | .248   | .048  | .123  | .446  |
| 300 | 1840 | .189   | .037  | .338  | .039  |
| 300 | 1841 | .280   | .059  | .086  | .541  |
| 300 | 1842 | .275   | .056  | .021  | .511  |
| 300 | 1843 | .246   | .044  | .046  | .416  |
| 300 | 1844 | .184   | .037  | .320  | .053  |
| 300 | 1845 | .260   | .045  | .084  | .450  |
| 300 | 1846 | .245   | .050  | .080  | .448  |
| 300 | 1847 | .262   | .054  | .072  | .449  |
| 300 | 1848 | .237   | .051  | .413  | .016  |
| 300 | 1849 | .252   | .044  | .023  | .409  |
| 300 | 1850 | .251   | .039  | .113  | .419  |
| 300 | 1851 | .110   | .028  | .010  | .202  |
| 300 | 1852 | .130   | .035  | .031  | .307  |
| 300 | 1853 | .137   | .036  | .010  | .265  |
| 300 | 1854 | .170   | .039  | .041  | .314  |
| 300 | 1855 | .160   | .036  | .021  | .276  |
| 300 | 1856 | .143   | .042  | .097  | .312  |
| 300 | 1857 | .183   | .148  | .621  | .431  |
| 300 | 1858 | .200   | .113  | .209  | .622  |
| 300 | 1859 | .000   | .000  | .000  | .000  |
| 300 | 1860 | .258   | .078  | .090  | .593  |
| 300 | 1861 | .265   | .070  | .051  | .606  |
| 300 | 1862 | .219   | .065  | .051  | .625  |
| 300 | 1863 | .046   | .109  | .407  | .374  |
| 300 | 1864 | .221   | .065  | .031  | .482  |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 300 | 1865 | .219   | .087  | .039  | .633  |
| 300 | 1866 | .261   | .075  | .073  | .608  |
| 300 | 1867 | .041   | .118  | .448  | .381  |
| 300 | 1868 | .113   | .059  | .155  | .307  |
| 300 | 1869 | .101   | .064  | .127  | .356  |
| 300 | 1870 | .017   | .078  | .263  | .306  |
| 300 | 1871 | .154   | .062  | .021  | .388  |
| 300 | 1872 | .214   | .068  | .051  | .528  |
| 300 | 1873 | .185   | .059  | .022  | .460  |
| 300 | 2101 | .031   | .109  | .490  | .381  |
| 300 | 2102 | .197   | .133  | .754  | .230  |
| 300 | 2103 | .181   | .125  | .565  | .502  |
| 300 | 2104 | .280   | .141  | .704  | .645  |
| 300 | 2105 | .154   | .177  | .518  | 1.102 |
| 300 | 2106 | .188   | .119  | .588  | .284  |
| 300 | 2107 | .265   | .125  | .632  | .188  |
| 300 | 2108 | .073   | .067  | .151  | .355  |
| 300 | 2109 | .437   | .159  | .883  | .295  |
| 300 | 2110 | .153   | .056  | .089  | .327  |
| 300 | 2111 | .267   | .095  | .644  | .046  |
| 300 | 2112 | .256   | .103  | .639  | .063  |
| 300 | 2113 | .394   | .167  | .970  | .203  |
| 300 | 2114 | .194   | .077  | .166  | .449  |
| 300 | 2115 | .227   | .096  | .581  | .046  |
| 300 | 2116 | .209   | .103  | .599  | .183  |
| 300 | 2117 | .349   | .155  | .818  | .210  |
| 300 | 2118 | .203   | .101  | .227  | .599  |
| 300 | 2119 | .189   | .105  | .597  | .105  |
| 300 | 2120 | .180   | .109  | .571  | .165  |
| 300 | 2121 | .286   | .153  | .779  | .396  |
| 300 | 2122 | .267   | .106  | .184  | .656  |
| 300 | 2123 | .087   | .101  | .531  | .168  |
| 300 | 2124 | .113   | .102  | .521  | .149  |
| 300 | 2125 | .199   | .140  | .647  | .304  |
| 300 | 2126 | .335   | .116  | .120  | .878  |
| 300 | 2127 | .072   | .084  | .276  | .372  |
| 300 | 2128 | .216   | .118  | .730  | .106  |
| 300 | 2129 | .317   | .138  | .838  | .116  |
| 300 | 2130 | .191   | .152  | .347  | .733  |
| 300 | 2201 | .391   | .141  | .788  | .093  |
| 300 | 2202 | .287   | .127  | .680  | .126  |
| 300 | 2203 | .219   | .103  | .501  | .143  |
| 300 | 2204 | .157   | .094  | .467  | .161  |
| 300 | 2205 | .084   | .087  | .374  | .225  |
| 300 | 2206 | .082   | .077  | .169  | .386  |
| 300 | 2207 | .634   | .156  | 1.044 | .183  |
| 300 | 2208 | .039   | .092  | .279  | .372  |
| 300 | 2209 | .626   | .157  | 1.087 | .209  |
| 300 | 2210 | .624   | .150  | 1.025 | .228  |
| 300 | 2211 | .421   | .129  | .827  | .060  |

## APPENDIX A -- PRESSURE DATA

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 300 | 2212 | .259   | .112  | .665  | -.095  | 300 | 2320 | -.535  | .112  | -.166 | -1.086 | 300 | 2503 | -.414  | .130  | -.068 | -1.105 |
| 300 | 2213 | -.067  | .090  | .276  | -.427  | 300 | 2321 | -.529  | .120  | -.166 | -1.039 | 300 | 2504 | -.393  | .104  | -.032 | -1.399 |
| 300 | 2214 | .553   | .155  | 1.032 | .011   | 300 | 2322 | -.816  | .227  | -.168 | -1.771 | 300 | 2505 | -.394  | .105  | -.113 | -1.078 |
| 300 | 2215 | .568   | .144  | 1.075 | .181   | 300 | 2323 | -.232  | .118  | -.170 | -.755  | 300 | 2506 | -.394  | .124  | -.071 | -1.042 |
| 300 | 2216 | .484   | .131  | .899  | -.125  | 300 | 2324 | -.248  | .103  | -.068 | -.630  | 300 | 2507 | -.390  | .128  | -.039 | -.956  |
| 300 | 2217 | .203   | .099  | .537  | -.098  | 300 | 2325 | -.421  | .113  | -.098 | -.926  | 300 | 2508 | -.372  | .097  | -.117 | -.792  |
| 300 | 2218 | -.096  | .083  | .239  | -.474  | 300 | 2326 | -.295  | .098  | -.002 | -.773  | 300 | 2509 | -.385  | .114  | -.098 | -.904  |
| 300 | 2219 | .465   | .147  | 1.017 | .045   | 300 | 2327 | -.219  | .063  | -.052 | -.438  | 300 | 2510 | -.374  | .096  | -.107 | -.906  |
| 300 | 2220 | .452   | .138  | .924  | .095   | 300 | 2328 | -.233  | .068  | -.002 | -.489  | 300 | 2511 | -.380  | .106  | -.049 | -.858  |
| 300 | 2221 | .276   | .106  | .639  | -.023  | 300 | 2329 | -.290  | .081  | -.047 | -.828  | 300 | 2512 | -.400  | .077  | -.212 | -.734  |
| 300 | 2222 | .129   | .086  | .411  | -.154  | 300 | 2330 | -.184  | .054  | -.012 | -.408  | 300 | 2513 | -.376  | .062  | -.196 | -.703  |
| 300 | 2223 | .154   | .069  | .103  | -.411  | 300 | 2331 | -.194  | .058  | -.009 | -.428  | 300 | 2514 | -.375  | .065  | -.183 | -.643  |
| 300 | 2224 | .235   | .146  | .867  | -.070  | 300 | 2332 | -.188  | .057  | -.094 | -.400  | 300 | 2515 | -.400  | .079  | -.161 | -.746  |
| 300 | 2225 | .299   | .131  | .829  | -.112  | 300 | 2401 | -.371  | .109  | -.066 | -1.081 | 300 | 2516 | -.422  | .078  | -.192 | -.777  |
| 300 | 2226 | .271   | .122  | .763  | -.045  | 300 | 2402 | -.356  | .109  | -.037 | -1.227 | 300 | 2517 | -.401  | .065  | -.211 | -.705  |
| 300 | 2227 | .217   | .091  | .624  | -.016  | 300 | 2403 | -.368  | .100  | -.064 | -.828  | 300 | 2518 | -.396  | .065  | -.195 | -.711  |
| 300 | 2228 | .095   | .067  | .197  | -.361  | 300 | 2404 | -.362  | .096  | -.077 | -.789  | 300 | 2519 | -.428  | .084  | -.183 | -.858  |
| 300 | 2229 | .259   | .119  | .774  | -.160  | 300 | 2405 | -.353  | .095  | -.061 | -.868  | 300 | 2520 | -.439  | .095  | -.159 | -.784  |
| 300 | 2230 | .238   | .117  | .727  | -.147  | 300 | 2406 | -.331  | .092  | -.005 | -.765  | 300 | 2521 | -.422  | .082  | -.127 | -.718  |
| 300 | 2231 | .274   | .129  | .670  | -.020  | 300 | 2407 | -.347  | .104  | -.059 | -.928  | 300 | 2522 | -.440  | .084  | -.190 | -.765  |
| 300 | 2232 | .315   | .127  | .713  | -.005  | 300 | 2408 | -.294  | .060  | -.119 | -.665  | 300 | 2523 | -.484  | .106  | -.147 | -.851  |
| 300 | 2233 | .371   | .132  | .818  | -.021  | 300 | 2409 | -.361  | .100  | -.103 | -1.107 | 300 | 2524 | -.380  | .111  | -.110 | -.818  |
| 300 | 2234 | .289   | .118  | .745  | -.016  | 300 | 2410 | -.318  | .074  | -.093 | -.674  | 300 | 2525 | -.362  | .095  | -.115 | -.867  |
| 300 | 2235 | .308   | .170  | .889  | -.441  | 300 | 2411 | -.322  | .052  | -.144 | -.518  | 300 | 2526 | -.359  | .086  | -.112 | -.796  |
| 300 | 2236 | .317   | .153  | .873  | -.240  | 300 | 2412 | -.329  | .050  | -.157 | -.534  | 300 | 2527 | -.386  | .105  | -.108 | -.904  |
| 300 | 2237 | .388   | .151  | .894  | -.038  | 300 | 2413 | -.357  | .056  | -.127 | -.567  | 300 | 2528 | -.327  | .119  | -.042 | -.821  |
| 300 | 2238 | .439   | .162  | .953  | -.023  | 300 | 2414 | -.353  | .086  | -.114 | -.873  | 300 | 2529 | -.296  | .083  | -.056 | -.674  |
| 300 | 2239 | .528   | .159  | 1.325 | .127   | 300 | 2415 | -.339  | .065  | -.163 | -.752  | 300 | 2530 | -.284  | .103  | -.034 | -.899  |
| 300 | 2240 | .588   | .158  | .849  | -.411  | 300 | 2416 | -.337  | .053  | -.164 | -.658  | 300 | 2531 | -.118  | .086  | -.153 | -.517  |
| 300 | 2241 | .331   | .114  | .745  | -.038  | 300 | 2417 | -.353  | .047  | -.159 | -.530  | 300 | 2532 | -.296  | .086  | -.095 | -.846  |
| 300 | 2242 | .514   | .155  | 1.201 | .131   | 300 | 2418 | -.354  | .050  | -.089 | -.546  | 300 | 2601 | -.451  | .162  | -.012 | -.220  |
| 300 | 2243 | .563   | .175  | .244  | -.672  | 300 | 2419 | -.458  | .108  | -.175 | -.968  | 300 | 2602 | -.457  | .150  | -.019 | -.1210 |
| 300 | 2244 | .514   | .137  | -.159 | -1.171 | 300 | 2420 | -.412  | .083  | -.161 | -.833  | 300 | 2603 | -.438  | .138  | -.015 | -1.171 |
| 300 | 2245 | .433   | .137  | .140  | -.977  | 300 | 2421 | -.373  | .060  | -.188 | -.645  | 300 | 2604 | -.448  | .128  | -.115 | -1.317 |
| 300 | 2246 | .408   | .130  | .049  | -.864  | 300 | 2422 | -.356  | .058  | -.154 | -.649  | 300 | 2605 | -.425  | .111  | -.115 | -.999  |
| 300 | 2247 | .519   | .138  | -.197 | -1.142 | 300 | 2423 | -.390  | .066  | -.154 | -.693  | 300 | 2606 | -.409  | .100  | -.090 | -1.378 |
| 300 | 2248 | .539   | .161  | -.210 | -1.416 | 300 | 2424 | -.555  | .195  | -.094 | -1.411 | 300 | 2607 | -.439  | .152  | -.056 | -1.349 |
| 300 | 2249 | .437   | .133  | .170  | -.897  | 300 | 2425 | -.360  | .085  | -.098 | -.936  | 300 | 2608 | -.391  | .087  | -.152 | -.958  |
| 300 | 2250 | .518   | .161  | -.218 | -1.592 | 300 | 2426 | -.317  | .061  | -.042 | -.567  | 300 | 2609 | -.453  | .104  | -.186 | -.997  |
| 300 | 2251 | .427   | .132  | -.033 | -1.194 | 300 | 2427 | -.329  | .061  | -.118 | -.620  | 300 | 2610 | -.419  | .076  | -.166 | -.745  |
| 300 | 2252 | .420   | .125  | -.098 | -1.090 | 300 | 2428 | -.341  | .075  | -.091 | -.655  | 300 | 2611 | -.383  | .064  | -.164 | -.755  |
| 300 | 2253 | .444   | .135  | -.147 | -1.143 | 300 | 2429 | -.275  | .082  | -.002 | -.675  | 300 | 2612 | -.395  | .061  | -.187 | -.660  |
| 300 | 2254 | .449   | .140  | -.143 | -1.210 | 300 | 2430 | -.283  | .091  | -.026 | -.810  | 300 | 2613 | -.377  | .059  | -.171 | -.576  |
| 300 | 2255 | .468   | .155  | -.038 | -1.201 | 300 | 2431 | -.268  | .067  | -.059 | -.513  | 300 | 2614 | -.498  | .121  | -.178 | -1.081 |
| 300 | 2256 | .430   | .120  | -.203 | -1.171 | 300 | 2432 | -.256  | .058  | -.007 | -.440  | 300 | 2615 | -.455  | .099  | -.156 | -.951  |
| 300 | 2257 | .453   | .125  | -.199 | -1.212 | 300 | 2433 | -.264  | .060  | -.033 | -.492  | 300 | 2616 | -.463  | .101  | -.174 | -1.078 |
| 300 | 2258 | .459   | .129  | -.077 | -1.091 | 300 | 2434 | -.273  | .070  | -.042 | -.651  | 300 | 2617 | -.435  | .095  | -.122 | -1.190 |
| 300 | 2259 | .489   | .140  | -.005 | -1.116 | 300 | 2435 | -.241  | .062  | -.033 | -.528  | 300 | 2618 | -.421  | .089  | -.173 | -.994  |
| 300 | 2260 | .532   | .116  | -.231 | -1.335 | 300 | 2501 | -.383  | .113  | -.068 | -1.053 | 300 | 2619 | -.545  | .149  | -.161 | -1.137 |
| 300 | 2261 | .546   | .114  | -.258 | -1.306 | 300 | 2502 | -.376  | .106  | -.095 | -.935  | 300 | 2620 | -.552  | .135  | -.072 | -1.113 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 300 | 2621 | -.547  | .153  | -.059 | -1.377 | 300 | 2811 | -.177  | .082  | .534  | -.094  | 300 | 2860 | -.320  | .209  | .083  | -1.642 |
| 300 | 2622 | -.520  | .144  | -.041 | -1.430 | 300 | 2812 | -.095  | .060  | .182  | -.324  | 300 | 2861 | -.353  | .188  | .166  | -1.155 |
| 300 | 2623 | -.490  | .132  | -.037 | -1.469 | 300 | 2813 | -.130  | .091  | .286  | -.578  | 300 | 2862 | -.182  | .225  | .281  | -1.264 |
| 300 | 2624 | -.434  | .139  | -.045 | -1.061 | 300 | 2814 | -.125  | .087  | .339  | -.458  | 300 | 2863 | -.266  | .074  | .084  | -1.618 |
| 300 | 2625 | -.506  | .163  | -.069 | -1.168 | 300 | 2815 | -.081  | .066  | .259  | -.257  | 300 | 2864 | -.170  | .056  | .010  | -1.448 |
| 300 | 2626 | -.614  | .171  | -.119 | -1.366 | 300 | 2816 | -.063  | .067  | .309  | -.294  | 300 | 2865 | -.058  | .069  | .340  | -1.161 |
| 300 | 2627 | -.693  | .207  | -.186 | -2.073 | 300 | 2817 | -.022  | .075  | .344  | -.194  | 300 | 2866 | -.098  | .079  | .186  | -1.497 |
| 300 | 2628 | -.689  | .202  | -.241 | -1.932 | 300 | 2818 | -.034  | .087  | .339  | -.218  | 300 | 2867 | -.173  | .063  | .027  | -1.473 |
| 300 | 2629 | -.277  | .075  | -.064 | -.637  | 300 | 2819 | .127   | .073  | .415  | -.143  | 300 | 2868 | -.021  | .057  | .229  | -1.214 |
| 300 | 2630 | -.665  | .248  | -.161 | -1.914 | 300 | 2820 | -.061  | .060  | .254  | -.294  | 300 | 2869 | -.222  | .102  | .691  | -1.086 |
| 300 | 2631 | -.168  | .072  | -.127 | -.535  | 300 | 2821 | -.084  | .080  | .475  | -.381  | 300 | 2870 | .112   | .072  | .422  | -1.095 |
| 300 | 2632 | -.324  | .106  | -.075 | -.929  | 300 | 2822 | -.072  | .076  | .380  | -.336  | 300 | 2871 | -.046  | .057  | .286  | -1.116 |
| 300 | 2633 | -.354  | .123  | -.039 | -1.058 | 300 | 2823 | -.042  | .068  | .316  | -.250  | 300 | 2872 | -.049  | .096  | .304  | -1.460 |
| 300 | 2634 | -.347  | .116  | -.093 | -.933  | 300 | 2824 | -.007  | .068  | .153  | -.400  | 300 | 2873 | .155   | .104  | .487  | -1.212 |
| 300 | 2635 | -.394  | .131  | -.076 | -1.046 | 300 | 2825 | -.090  | .088  | .473  | -.117  | 315 | 101  | -.464  | .122  | .007  | -1.986 |
| 300 | 2701 | -.278  | .111  | -.007 | -.699  | 300 | 2826 | .090   | .082  | .438  | -.149  | 315 | 102  | -.579  | .138  | .168  | -1.282 |
| 300 | 2702 | -.043  | .068  | .286  | -.269  | 300 | 2827 | -.221  | .082  | .051  | -.567  | 315 | 103  | -.625  | .143  | .172  | -1.286 |
| 300 | 2703 | -.023  | .057  | .202  | -.246  | 300 | 2828 | .088   | .050  | .287  | -.111  | 315 | 104  | -.601  | .120  | .277  | -1.103 |
| 300 | 2704 | .154   | .115  | .713  | -.200  | 300 | 2829 | -.136  | .059  | .239  | -.336  | 315 | 105  | -.624  | .153  | .254  | -1.507 |
| 300 | 2705 | -.068  | .097  | .361  | -.351  | 300 | 2830 | -.104  | .054  | .209  | -.291  | 315 | 106  | -.645  | .191  | .242  | -1.740 |
| 300 | 2706 | -.023  | .077  | .274  | -.384  | 300 | 2831 | -.074  | .052  | .192  | -.250  | 315 | 107  | -.655  | .160  | .154  | -1.230 |
| 300 | 2707 | -.002  | .083  | .357  | -.258  | 300 | 2832 | -.033  | .056  | .205  | -.185  | 315 | 108  | -.559  | .150  | .107  | -1.220 |
| 300 | 2708 | -.076  | .097  | .470  | -.232  | 300 | 2833 | -.008  | .069  | .274  | -.194  | 315 | 109  | -.414  | .130  | .012  | -1.957 |
| 300 | 2709 | -.221  | .112  | .142  | -.643  | 300 | 2834 | .017   | .067  | .274  | -.241  | 315 | 110  | -.521  | .129  | .000  | -1.016 |
| 300 | 2710 | -.247  | .108  | .087  | -.742  | 300 | 2835 | -.163  | .069  | .083  | -.453  | 315 | 111  | -.620  | .141  | .250  | -1.230 |
| 300 | 2711 | -.261  | .133  | .319  | -.761  | 300 | 2836 | -.127  | .062  | .296  | -.242  | 315 | 112  | -.622  | .142  | .270  | -1.409 |
| 300 | 2712 | -.089  | .096  | .423  | -.316  | 300 | 2837 | -.044  | .043  | .161  | -.176  | 315 | 201  | -.461  | .372  | .339  | -2.133 |
| 300 | 2713 | -.069  | .106  | .448  | -.229  | 300 | 2838 | -.031  | .071  | .403  | -.227  | 315 | 202  | -.581  | .266  | .184  | -1.566 |
| 300 | 2714 | -.014  | .080  | .263  | -.326  | 300 | 2839 | -.148  | .059  | .111  | -.483  | 315 | 203  | -.459  | .152  | .121  | -1.086 |
| 300 | 2715 | -.036  | .127  | .422  | -.368  | 300 | 2840 | -.141  | .056  | .353  | -.111  | 315 | 204  | -.278  | .121  | .249  | -1.764 |
| 300 | 2716 | .356   | .148  | .809  | -.139  | 300 | 2841 | -.083  | .053  | .172  | -.281  | 315 | 205  | -.177  | .106  | .127  | -1.585 |
| 300 | 2717 | .372   | .142  | .897  | -.030  | 300 | 2842 | -.036  | .067  | .299  | -.182  | 315 | 206  | -.132  | .089  | .118  | -1.502 |
| 300 | 2718 | .359   | .135  | .861  | -.002  | 300 | 2843 | -.137  | .057  | .134  | -.422  | 315 | 207  | -.209  | .088  | .091  | -1.909 |
| 300 | 2719 | .314   | .133  | .804  | -.030  | 300 | 2844 | .111   | .049  | .277  | -.254  | 315 | 208  | -.234  | .107  | .106  | -1.871 |
| 300 | 2720 | -.079  | .087  | .267  | -.410  | 300 | 2845 | -.042  | .048  | .177  | -.177  | 315 | 209  | -.276  | .209  | .270  | -1.106 |
| 300 | 2721 | -.005  | .093  | .381  | -.359  | 300 | 2846 | -.064  | .076  | .431  | -.142  | 315 | 210  | -.262  | .114  | .155  | -1.955 |
| 300 | 2722 | -.016  | .085  | .336  | -.349  | 300 | 2847 | -.206  | .085  | .046  | -.637  | 315 | 211  | -.242  | .136  | .184  | -1.884 |
| 300 | 2723 | -.085  | .095  | .281  | -.460  | 300 | 2848 | -.227  | .091  | .645  | -.040  | 315 | 212  | -.323  | .155  | .066  | -1.929 |
| 300 | 2724 | .355   | .142  | .870  | -.069  | 300 | 2849 | -.156  | .067  | .174  | -.441  | 315 | 1101 | -.395  | .119  | .026  | -1.925 |
| 300 | 2725 | -.221  | .171  | .252  | -.720  | 300 | 2850 | -.082  | .053  | .115  | -.264  | 315 | 1102 | -.399  | .121  | .052  | -1.050 |
| 300 | 2801 | -.314  | .128  | .149  | -.816  | 300 | 2851 | -.102  | .037  | .195  | -.227  | 315 | 1103 | -.416  | .128  | .073  | -1.529 |
| 300 | 2802 | -.372  | .126  | .056  | -.820  | 300 | 2852 | -.102  | .037  | .195  | -.227  | 315 | 1104 | -.422  | .127  | .077  | -1.599 |
| 300 | 2803 | .344   | .164  | .914  | -.158  | 300 | 2853 | -.095  | .039  | .216  | -.224  | 315 | 1105 | -.435  | .111  | .063  | -1.940 |
| 300 | 2804 | -.091  | .105  | .214  | -.615  | 300 | 2854 | -.052  | .039  | .174  | -.159  | 315 | 1106 | -.395  | .114  | .061  | -1.133 |
| 300 | 2805 | -.079  | .112  | .336  | -.620  | 300 | 2855 | -.037  | .041  | .219  | -.153  | 315 | 1107 | -.434  | .123  | .140  | -1.129 |
| 300 | 2806 | -.036  | .125  | .478  | -.390  | 300 | 2856 | -.023  | .051  | .241  | -.101  | 315 | 1108 | -.409  | .112  | .083  | -1.059 |
| 300 | 2807 | .021   | .110  | .311  | -.652  | 300 | 2857 | -.011  | .053  | .264  | -.128  | 315 | 1109 | -.427  | .117  | .153  | -1.057 |
| 300 | 2808 | -.015  | .096  | .493  | -.286  | 300 | 2858 | -.165  | .055  | .008  | -.391  | 315 | 1110 | -.396  | .087  | .134  | -1.754 |
| 300 | 2809 | .135   | .134  | .690  | -.209  | 300 | 2859 | -.091  | .058  | .113  | -.359  | 315 | 1111 | -.378  | .072  | .167  | -1.713 |
| 300 | 2810 | .003   | .130  | .443  | -.405  | 300 |      |        |       | .135  | -1.130 | 315 | 1112 | -.370  | .071  | .168  | -1.731 |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPHEAN | CPRMS | CPHAX | CPHIN | WD  | TAP  | CPHEAN | CPRMS | CPHAX | CPHIN | WD  | TAP  | CPHEAN | CPRMS | CPHAX | CPHIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 315 | 1113 | 398    | 087   | 133   | 841   | 315 | 1233 | 426    | 100   | 167   | 975   | 315 | 1409 | 301    | 126   | 705   | 179   |
| 315 | 1114 | 423    | 100   | 142   | 867   | 315 | 1234 | 271    | 082   | 012   | 571   | 315 | 1410 | 522    | 143   | 958   | 139   |
| 315 | 1115 | 399    | 082   | 184   | 688   | 315 | 1235 | 259    | 100   | 157   | 579   | 315 | 1411 | 549    | 148   | 987   | 129   |
| 315 | 1116 | 389    | 079   | 175   | 688   | 315 | 1236 | 265    | 100   | 088   | 623   | 315 | 1412 | 495    | 146   | 1018  | 099   |
| 315 | 1117 | 422    | 083   | 136   | 020   | 315 | 1237 | 160    | 110   | 235   | 553   | 315 | 1413 | 272    | 146   | 705   | 142   |
| 315 | 1118 | 413    | 098   | 144   | 845   | 315 | 1238 | 298    | 086   | 063   | 688   | 315 | 1414 | 240    | 133   | 654   | 204   |
| 315 | 1119 | 414    | 085   | 179   | 789   | 315 | 1239 | 303    | 085   | 041   | 707   | 315 | 1415 | 459    | 148   | 885   | 032   |
| 315 | 1120 | 414    | 082   | 160   | 736   | 315 | 1240 | 267    | 090   | 034   | 620   | 315 | 1416 | 501    | 150   | 950   | 091   |
| 315 | 1121 | 426    | 097   | 188   | 043   | 315 | 1241 | 318    | 086   | 068   | 897   | 315 | 1417 | 432    | 156   | 925   | 034   |
| 315 | 1122 | 369    | 078   | 142   | 762   | 315 | 1242 | 360    | 109   | 108   | 083   | 315 | 1418 | 227    | 151   | 722   | 185   |
| 315 | 1123 | 365    | 084   | 171   | 792   | 315 | 1301 | 584    | 168   | 007   | 294   | 315 | 1419 | 101    | 147   | 531   | 410   |
| 315 | 1124 | 401    | 098   | 171   | 918   | 315 | 1302 | 581    | 158   | 097   | 330   | 315 | 1420 | 276    | 151   | 811   | 096   |
| 315 | 1125 | 415    | 112   | 193   | 151   | 315 | 1303 | 578    | 130   | 243   | 412   | 315 | 1421 | 279    | 130   | 722   | 041   |
| 315 | 1126 | 373    | 080   | 183   | 808   | 315 | 1304 | 552    | 129   | 243   | 557   | 315 | 1422 | 242    | 127   | 615   | 085   |
| 315 | 1127 | 407    | 088   | 211   | 823   | 315 | 1305 | 626    | 133   | 321   | 282   | 315 | 1423 | 091    | 142   | 587   | 243   |
| 315 | 1128 | 380    | 082   | 095   | 719   | 315 | 1306 | 573    | 143   | 080   | 214   | 315 | 1424 | 039    | 128   | 549   | 301   |
| 315 | 1129 | 381    | 077   | 148   | 664   | 315 | 1307 | 563    | 136   | 279   | 390   | 315 | 1425 | 003    | 105   | 439   | 302   |
| 315 | 1130 | 440    | 107   | 200   | 067   | 315 | 1308 | 578    | 168   | 031   | 302   | 315 | 1426 | 037    | 082   | 314   | 426   |
| 315 | 1201 | 444    | 141   | 157   | 250   | 315 | 1309 | 523    | 121   | 270   | 166   | 315 | 1427 | 126    | 056   | 087   | 366   |
| 315 | 1202 | 497    | 137   | 010   | 247   | 315 | 1310 | 582    | 183   | 046   | 435   | 315 | 1428 | 166    | 078   | 077   | 421   |
| 315 | 1203 | 486    | 141   | 000   | 122   | 315 | 1311 | 546    | 151   | 078   | 462   | 315 | 1429 | 021    | 083   | 391   | 268   |
| 315 | 1204 | 518    | 146   | 022   | 150   | 315 | 1312 | 499    | 131   | 214   | 537   | 315 | 1430 | 002    | 073   | 282   | 250   |
| 315 | 1205 | 533    | 149   | 034   | 116   | 315 | 1313 | 510    | 143   | 169   | 427   | 315 | 1431 | 125    | 093   | 606   | 155   |
| 315 | 1206 | 511    | 148   | 005   | 186   | 315 | 1314 | 661    | 199   | 029   | 627   | 315 | 1432 | 182    | 098   | 659   | 089   |
| 315 | 1207 | 500    | 164   | 095   | 294   | 315 | 1315 | 648    | 184   | 104   | 635   | 315 | 1433 | 217    | 104   | 582   | 249   |
| 315 | 1208 | 472    | 157   | 007   | 460   | 315 | 1316 | 607    | 167   | 058   | 434   | 315 | 1434 | 111    | 111   | 576   | 105   |
| 315 | 1209 | 535    | 130   | 152   | 149   | 315 | 1317 | 595    | 164   | 215   | 577   | 315 | 1435 | 201    | 101   | 541   | 085   |
| 315 | 1210 | 455    | 107   | 143   | 792   | 315 | 1318 | 673    | 183   | 143   | 508   | 315 | 1501 | 451    | 184   | 202   | 311   |
| 315 | 1211 | 455    | 133   | 090   | 408   | 315 | 1319 | 694    | 180   | 012   | 703   | 315 | 1502 | 265    | 100   | 033   | 706   |
| 315 | 1212 | 402    | 151   | 088   | 580   | 315 | 1320 | 691    | 187   | 226   | 927   | 315 | 1503 | 627    | 130   | 204   | 193   |
| 315 | 1213 | 420    | 168   | 059   | 441   | 315 | 1321 | 709    | 186   | 241   | 792   | 315 | 1504 | 370    | 144   | 092   | 114   |
| 315 | 1214 | 459    | 117   | 122   | 113   | 315 | 1322 | 417    | 103   | 131   | 854   | 315 | 1505 | 055    | 132   | 282   | 558   |
| 315 | 1215 | 464    | 098   | 143   | 889   | 315 | 1323 | 334    | 183   | 063   | 089   | 315 | 1506 | 135    | 082   | 174   | 422   |
| 315 | 1216 | 484    | 112   | 115   | 925   | 315 | 1324 | 460    | 256   | 058   | 403   | 315 | 1507 | 271    | 076   | 014   | 535   |
| 315 | 1217 | 585    | 153   | 056   | 399   | 315 | 1325 | 729    | 278   | 123   | 190   | 315 | 1508 | 201    | 103   | 068   | 730   |
| 315 | 1218 | 522    | 171   | 032   | 456   | 315 | 1326 | 230    | 142   | 316   | 941   | 315 | 1509 | 097    | 081   | 185   | 390   |
| 315 | 1219 | 453    | 099   | 184   | 826   | 315 | 1327 | 181    | 134   | 247   | 645   | 315 | 1510 | 444    | 250   | 420   | 275   |
| 315 | 1220 | 455    | 105   | 183   | 847   | 315 | 1328 | 104    | 170   | 351   | 710   | 315 | 1511 | 260    | 080   | 014   | 629   |
| 315 | 1221 | 594    | 149   | 203   | 335   | 315 | 1329 | 378    | 265   | 229   | 668   | 315 | 1512 | 415    | 224   | 365   | 285   |
| 315 | 1222 | 641    | 181   | 197   | 621   | 315 | 1330 | 178    | 128   | 905   | 178   | 315 | 1513 | 061    | 106   | 256   | 729   |
| 315 | 1223 | 655    | 203   | 138   | 578   | 315 | 1331 | 013    | 129   | 492   | 410   | 315 | 1514 | 051    | 098   | 347   | 270   |
| 315 | 1224 | 686    | 082   | 146   | 718   | 315 | 1332 | 080    | 103   | 606   | 173   | 315 | 1515 | 291    | 072   | 047   | 636   |
| 315 | 1225 | 396    | 079   | 186   | 794   | 315 | 1401 | 246    | 119   | 635   | 171   | 315 | 1516 | 394    | 232   | 285   | 092   |
| 315 | 1226 | 393    | 085   | 177   | 688   | 315 | 1402 | 260    | 120   | 664   | 143   | 315 | 1517 | 068    | 096   | 227   | 660   |
| 315 | 1227 | 420    | 102   | 145   | 955   | 315 | 1403 | 231    | 118   | 575   | 177   | 315 | 1518 | 007    | 095   | 408   | 385   |
| 315 | 1228 | 625    | 217   | 188   | 523   | 315 | 1404 | 247    | 120   | 568   | 130   | 315 | 1519 | 342    | 077   | 108   | 664   |
| 315 | 1229 | 363    | 068   | 201   | 649   | 315 | 1405 | 218    | 129   | 541   | 208   | 315 | 1520 | 304    | 252   | 365   | 003   |
| 315 | 1230 | 330    | 065   | 119   | 600   | 315 | 1406 | 146    | 122   | 557   | 297   | 315 | 1521 | 117    | 098   | 232   | 710   |
| 315 | 1231 | 333    | 078   | 132   | 650   | 315 | 1407 | 337    | 144   | 815   | 199   | 315 | 1522 | 052    | 100   | 279   | 352   |
| 315 | 1232 | 270    | 087   | 037   | 574   | 315 | 1408 | 248    | 119   | 587   | 108   | 315 | 1523 | 365    | 080   | 131   | 726   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 315 | 1524 | .273   | .171  | .160  | .892  |
| 315 | 1525 | .157   | .109  | .345  | .771  |
| 315 | 1526 | .084   | .109  | .274  | .408  |
| 315 | 1527 | .257   | .105  | .092  | .587  |
| 315 | 1528 | .070   | .087  | .191  | .480  |
| 315 | 1529 | .103   | .106  | .201  | .478  |
| 315 | 1530 | .043   | .098  | .326  | .488  |
| 315 | 1531 | .002   | .074  | .271  | .313  |
| 315 | 1532 | .073   | .156  | .476  | .563  |
| 315 | 1601 | .613   | .159  | .244  | .628  |
| 315 | 1602 | .579   | .130  | .258  | .154  |
| 315 | 1603 | .532   | .126  | .214  | .052  |
| 315 | 1604 | .532   | .124  | .162  | .977  |
| 315 | 1605 | .490   | .128  | .059  | .143  |
| 315 | 1606 | .276   | .101  | .007  | .350  |
| 315 | 1607 | .539   | .139  | .218  | .390  |
| 315 | 1608 | .490   | .145  | .033  | .147  |
| 315 | 1609 | .490   | .105  | .000  | .119  |
| 315 | 1610 | .486   | .097  | .246  | .125  |
| 315 | 1611 | .510   | .118  | .237  | .237  |
| 315 | 1612 | .507   | .120  | .205  | .085  |
| 315 | 1613 | .507   | .120  | .151  | .479  |
| 315 | 1614 | .507   | .130  | .152  | .283  |
| 315 | 1615 | .507   | .132  | .195  | .489  |
| 315 | 1616 | .507   | .132  | .228  | .766  |
| 315 | 1617 | .507   | .137  | .194  | .249  |
| 315 | 1618 | .507   | .165  | .080  | .234  |
| 315 | 1619 | .507   | .166  | .317  | .529  |
| 315 | 1620 | .507   | .158  | .250  | .333  |
| 315 | 1621 | .507   | .159  | .071  | .474  |
| 315 | 1622 | .507   | .146  | .049  | .048  |
| 315 | 1623 | .507   | .134  | .108  | .998  |
| 315 | 1624 | .507   | .191  | .089  | .439  |
| 315 | 1625 | .507   | .156  | .069  | .053  |
| 315 | 1626 | .507   | .097  | .089  | .835  |
| 315 | 1627 | .507   | .066  | .103  | .634  |
| 315 | 1628 | .507   | .064  | .139  | .659  |
| 315 | 1629 | .507   | .091  | .005  | .634  |
| 315 | 1630 | .507   | .070  | .115  | .647  |
| 315 | 1631 | .507   | .058  | .225  | .190  |
| 315 | 1632 | .507   | .068  | .049  | .430  |
| 315 | 1633 | .507   | .052  | .019  | .452  |
| 315 | 1634 | .507   | .050  | .054  | .450  |
| 315 | 1635 | .507   | .052  | .005  | .437  |
| 315 | 1701 | .223   | .066  | .545  | .040  |
| 315 | 1702 | .265   | .059  | .068  | .528  |
| 315 | 1703 | .294   | .075  | .078  | .694  |
| 315 | 1704 | .379   | .087  | .132  | .902  |
| 315 | 1705 | .341   | .101  | .857  | .031  |
| 315 | 1706 | .393   | .141  | .145  | .107  |

| WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 315 | 1707 | .349   | .109  | .052  | .782  |
| 315 | 1708 | .283   | .108  | .069  | .825  |
| 315 | 1709 | .056   | .146  | .551  | .636  |
| 315 | 1710 | .061   | .172  | .713  | .526  |
| 315 | 1711 | .326   | .090  | .750  | .116  |
| 315 | 1712 | .371   | .104  | .007  | .229  |
| 315 | 1713 | .314   | .096  | .117  | .694  |
| 315 | 1714 | .142   | .085  | .134  | .452  |
| 315 | 1715 | .215   | .086  | .728  | .174  |
| 315 | 1716 | .389   | .084  | .192  | .729  |
| 315 | 1717 | .353   | .068  | .115  | .692  |
| 315 | 1718 | .375   | .070  | .150  | .709  |
| 315 | 1719 | .380   | .073  | .181  | .725  |
| 315 | 1720 | .304   | .131  | .974  | .210  |
| 315 | 1721 | .154   | .077  | .176  | .483  |
| 315 | 1722 | .175   | .076  | .190  | .457  |
| 315 | 1723 | .035   | .098  | .333  | .339  |
| 315 | 1724 | .056   | .111  | .333  | .514  |
| 315 | 1725 | .186   | .101  | .249  | .549  |
| 315 | 1801 | .448   | .119  | .216  | .958  |
| 315 | 1802 | .442   | .120  | .210  | .005  |
| 315 | 1803 | .385   | .123  | .969  | .105  |
| 315 | 1804 | .285   | .083  | .030  | .682  |
| 315 | 1805 | .235   | .064  | .036  | .592  |
| 315 | 1806 | .290   | .097  | .040  | .808  |
| 315 | 1807 | .226   | .108  | .020  | .036  |
| 315 | 1808 | .218   | .062  | .063  | .847  |
| 315 | 1809 | .204   | .041  | .053  | .385  |
| 315 | 1810 | .194   | .046  | .042  | .417  |
| 315 | 1811 | .366   | .112  | .922  | .114  |
| 315 | 1812 | .268   | .080  | .080  | .783  |
| 315 | 1813 | .248   | .056  | .057  | .511  |
| 315 | 1814 | .295   | .085  | .089  | .718  |
| 315 | 1815 | .202   | .065  | .636  | .047  |
| 315 | 1816 | .224   | .052  | .052  | .436  |
| 315 | 1817 | .210   | .043  | .078  | .395  |
| 315 | 1818 | .183   | .044  | .026  | .377  |
| 315 | 1819 | .286   | .091  | .703  | .029  |
| 315 | 1820 | .241   | .059  | .098  | .612  |
| 315 | 1821 | .246   | .055  | .095  | .561  |
| 315 | 1822 | .211   | .064  | .549  | .056  |
| 315 | 1823 | .243   | .055  | .097  | .494  |
| 315 | 1824 | .174   | .044  | .330  | .047  |
| 315 | 1825 | .206   | .041  | .070  | .422  |
| 315 | 1826 | .186   | .042  | .048  | .373  |
| 315 | 1827 | .325   | .074  | .137  | .737  |
| 315 | 1828 | .188   | .054  | .601  | .018  |
| 315 | 1829 | .220   | .044  | .077  | .471  |
| 315 | 1830 | .260   | .056  | .124  | .537  |
| 315 | 1831 | .234   | .046  | .101  | .447  |

| WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 315 | 1832 | .178   | .050  | .462  | .042  |
| 315 | 1833 | .215   | .047  | .089  | .429  |
| 315 | 1834 | .194   | .042  | .010  | .400  |
| 315 | 1835 | .301   | .069  | .125  | .626  |
| 315 | 1836 | .187   | .048  | .440  | .056  |
| 315 | 1837 | .162   | .040  | .042  | .316  |
| 315 | 1838 | .199   | .040  | .067  | .435  |
| 315 | 1839 | .281   | .059  | .106  | .542  |
| 315 | 1840 | .138   | .037  | .377  | .016  |
| 315 | 1841 | .210   | .045  | .087  | .422  |
| 315 | 1842 | .201   | .036  | .064  | .373  |
| 315 | 1843 | .246   | .049  | .111  | .421  |
| 315 | 1844 | .149   | .039  | .353  | .022  |
| 315 | 1845 | .205   | .041  | .068  | .514  |
| 315 | 1846 | .198   | .036  | .052  | .354  |
| 315 | 1847 | .275   | .060  | .068  | .511  |
| 315 | 1848 | .198   | .056  | .424  | .103  |
| 315 | 1849 | .263   | .052  | .038  | .488  |
| 315 | 1850 | .250   | .054  | .040  | .504  |
| 315 | 1851 | .119   | .032  | .012  | .293  |
| 315 | 1852 | .119   | .032  | .012  | .293  |
| 315 | 1853 | .149   | .039  | .022  | .320  |
| 315 | 1854 | .132   | .033  | .040  | .319  |
| 315 | 1855 | .137   | .031  | .047  | .262  |
| 315 | 1856 | .122   | .034  | .007  | .236  |
| 315 | 1857 | .115   | .034  | .074  | .235  |
| 315 | 1858 | .054   | .135  | .534  | .437  |
| 315 | 1859 | .134   | .154  | .503  | .710  |
| 315 | 1860 | .000   | .000  | .000  | .000  |
| 315 | 1861 | .209   | .102  | .462  | .558  |
| 315 | 1862 | .270   | .078  | .195  | .529  |
| 315 | 1863 | .277   | .066  | .060  | .581  |
| 315 | 1864 | .105   | .104  | .220  | .682  |
| 315 | 1865 | .244   | .079  | .005  | .615  |
| 315 | 1866 | .233   | .078  | .037  | .706  |
| 315 | 1867 | .283   | .070  | .095  | .688  |
| 315 | 1868 | .031   | .094  | .352  | .379  |
| 315 | 1869 | .147   | .075  | .251  | .419  |
| 315 | 1870 | .181   | .073  | .105  | .444  |
| 315 | 1871 | .162   | .069  | .072  | .466  |
| 315 | 1872 | .248   | .067  | .071  | .670  |
| 315 | 1873 | .281   | .069  | .102  | .787  |
| 315 | 2101 | .253   | .062  | .087  | .482  |
| 315 | 2102 | .053   | .281  | .960  | .855  |
| 315 | 2103 | .000   | .261  | .975  | .769  |
| 315 | 2104 | .025   | .248  | .833  | .851  |
| 315 | 2105 | .006   | .276  | .923  | .862  |
| 315 | 2106 | .089   | .302  | .097  | .043  |
| 315 | 2107 | .008   | .232  | .811  | .773  |
| 315 |      |        | .226  | .916  | .863  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP   | CPNEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|-----|-------|--------|-------|-------|--------|-----|-------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 315 | 2108  | -.120  | .226  | .758  | -.805  | 315 | 2228  | -.123  | .080  | .198  | -.450  | 315 | 2404 | -.269  | .058  | -.085 | -.587  |
| 315 | 2109  | -.013  | .268  | .954  | -1.492 | 315 | 2229  | .012   | .124  | .416  | -.514  | 315 | 2405 | -.283  | .057  | -.090 | -.602  |
| 315 | 2110  | -.205  | .147  | .796  | -.768  | 315 | 2230  | -.005  | .115  | .355  | -.629  | 315 | 2406 | -.276  | .066  | -.090 | -.611  |
| 315 | 2111  | -.048  | .127  | .514  | -.584  | 315 | 2231  | .003   | .126  | .529  | -.471  | 315 | 2407 | -.283  | .066  | -.048 | -.583  |
| 315 | 2112  | -.070  | .126  | .464  | -.622  | 315 | 2232  | .057   | .132  | .627  | -.473  | 315 | 2408 | -.261  | .059  | -.104 | -.592  |
| 315 | 2113  | -.076  | .198  | .547  | -1.054 | 315 | 2233  | .108   | .141  | .656  | -.386  | 315 | 2409 | -.300  | .071  | -.083 | -.635  |
| 315 | 2114  | -.180  | .169  | .566  | -.898  | 315 | 2234  | .086   | .134  | .518  | -.312  | 315 | 2410 | -.268  | .051  | -.106 | -.542  |
| 315 | 2115  | -.024  | .118  | .521  | -.528  | 315 | 2235  | .028   | .139  | .512  | -.379  | 315 | 2411 | -.281  | .045  | -.139 | -.535  |
| 315 | 2116  | -.037  | .108  | .615  | -.445  | 315 | 2236  | .003   | .179  | .519  | -.863  | 315 | 2412 | -.290  | .050  | -.123 | -.523  |
| 315 | 2117  | -.088  | .186  | .601  | -.972  | 315 | 2237  | .108   | .147  | .683  | -.413  | 315 | 2413 | -.318  | .080  | -.128 | -1.308 |
| 315 | 2118  | -.056  | .194  | .850  | -.634  | 315 | 2238  | .156   | .157  | .705  | -.421  | 315 | 2414 | -.283  | .071  | -.066 | -.710  |
| 315 | 2119  | -.021  | .129  | .516  | -.556  | 315 | 2239  | .242   | .182  | .915  | -.363  | 315 | 2415 | -.282  | .050  | -.124 | -.511  |
| 315 | 2120  | .000   | .109  | .484  | -.427  | 315 | 2240  | .065   | .155  | .585  | -.453  | 315 | 2416 | -.288  | .042  | -.163 | -.471  |
| 315 | 2121  | -.034  | .145  | .596  | -.776  | 315 | 2241  | .051   | .117  | .452  | -.294  | 315 | 2417 | -.304  | .048  | -.164 | -.574  |
| 315 | 2122  | -.119  | .138  | .533  | -.555  | 315 | 2242  | .221   | .172  | .921  | -.260  | 315 | 2418 | -.294  | .060  | -.094 | -.665  |
| 315 | 2123  | -.023  | .093  | .394  | -.433  | 315 | 2243  | .693   | .265  | 2.204 | -1.721 | 315 | 2419 | -.336  | .083  | -.115 | -.760  |
| 315 | 2124  | -.019  | .093  | .344  | -.319  | 315 | 2244  | .459   | .130  | 1.146 | -.988  | 315 | 2420 | -.330  | .066  | -.168 | -.656  |
| 315 | 2125  | -.025  | .110  | .519  | -.536  | 315 | 2245  | .342   | .107  | .043  | -.796  | 315 | 2421 | -.312  | .049  | -.140 | -.514  |
| 315 | 2126  | -.138  | .134  | .530  | -.498  | 315 | 2246  | .318   | .095  | .057  | -.741  | 315 | 2422 | -.293  | .052  | -.127 | -.538  |
| 315 | 2127  | -.071  | .084  | .370  | -.346  | 315 | 2247  | .437   | .128  | 1.100 | -.974  | 315 | 2423 | -.312  | .067  | -.134 | -.722  |
| 315 | 2128  | .000   | .092  | .439  | -.341  | 315 | 2248  | .351   | .220  | 1.146 | -1.530 | 315 | 2424 | -.410  | .151  | -.102 | -1.576 |
| 315 | 2129  | -.035  | .118  | .456  | -.516  | 315 | 2249  | .352   | .119  | .031  | -.908  | 315 | 2425 | -.286  | .060  | -.107 | -.687  |
| 315 | 2130  | -.124  | .104  | .516  | -.500  | 315 | 2250  | .665   | .264  | .199  | -.874  | 315 | 2426 | -.245  | .051  | -.066 | -.465  |
| 315 | 22201 | -.039  | .270  | .746  | -.884  | 315 | 22509 | .338   | .099  | .088  | -.849  | 315 | 2427 | -.240  | .051  | -.079 | -.504  |
| 315 | 22202 | -.050  | .249  | .796  | -1.004 | 315 | 22510 | .641   | .253  | .132  | -.832  | 315 | 2428 | -.242  | .059  | -.066 | -.651  |
| 315 | 22203 | -.041  | .217  | .652  | -.721  | 315 | 22511 | .511   | .195  | .088  | -.446  | 315 | 2429 | -.251  | .081  | -.040 | -.714  |
| 315 | 22204 | -.020  | .201  | .600  | -.736  | 315 | 22512 | .402   | .160  | .009  | -.169  | 315 | 2430 | -.200  | .052  | -.021 | -.434  |
| 315 | 22205 | -.015  | .174  | .491  | -.651  | 315 | 22513 | .359   | .124  | .024  | -.965  | 315 | 2431 | -.220  | .054  | -.081 | -.442  |
| 315 | 22206 | -.150  | .117  | .502  | -.651  | 315 | 22514 | .594   | .225  | .141  | -2.153 | 315 | 2432 | -.215  | .045  | -.069 | -.409  |
| 315 | 22207 | -.084  | .313  | .963  | -1.166 | 315 | 22515 | .501   | .179  | .117  | -1.403 | 315 | 2433 | -.219  | .044  | -.071 | -.446  |
| 315 | 22208 | -.173  | .140  | .439  | -.746  | 315 | 22516 | .466   | .154  | -.045 | -.972  | 315 | 2434 | -.210  | .046  | -.068 | -.457  |
| 315 | 22209 | -.044  | .248  | .744  | -.867  | 315 | 22517 | .361   | .122  | -.019 | -.955  | 315 | 2435 | -.202  | .042  | -.062 | -.401  |
| 315 | 22210 | -.128  | .266  | .837  | -.803  | 315 | 22518 | .634   | .195  | -.174 | -1.665 | 315 | 2501 | -.315  | .085  | -.028 | -.698  |
| 315 | 22211 | -.141  | .242  | .706  | -.491  | 315 | 22519 | .507   | .159  | -.165 | -1.288 | 315 | 2502 | -.320  | .094  | -.054 | -.895  |
| 315 | 22212 | -.058  | .205  | .566  | -.550  | 315 | 22520 | .403   | .142  | -.064 | -.935  | 315 | 2503 | -.285  | .076  | -.029 | -.653  |
| 315 | 22213 | -.205  | .133  | .270  | -.753  | 315 | 22521 | .356   | .105  | .092  | -.879  | 315 | 2504 | -.431  | .133  | -.090 | -1.210 |
| 315 | 22214 | -.037  | .237  | .943  | -.871  | 315 | 22522 | .564   | .223  | .061  | -1.632 | 315 | 2505 | -.409  | .135  | -.108 | -1.250 |
| 315 | 22215 | -.125  | .287  | .052  | -.806  | 315 | 22523 | .230   | .099  | .038  | -.765  | 315 | 2506 | -.359  | .104  | -.061 | -.917  |
| 315 | 22216 | -.130  | .248  | .823  | -.696  | 315 | 22524 | .234   | .084  | .043  | -.530  | 315 | 2507 | -.354  | .107  | -.074 | -.827  |
| 315 | 22217 | -.007  | .188  | .486  | -.560  | 315 | 22525 | .325   | .078  | -.078 | -.680  | 315 | 2508 | -.311  | .076  | -.105 | -.656  |
| 315 | 22218 | -.219  | .121  | .145  | -.678  | 315 | 22526 | .229   | .089  | .139  | -.620  | 315 | 2509 | -.356  | .105  | -.039 | -.978  |
| 315 | 22219 | -.021  | .203  | .755  | -.929  | 315 | 22527 | .169   | .060  | .148  | -.380  | 315 | 2510 | -.309  | .083  | -.051 | -.706  |
| 315 | 22220 | -.063  | .210  | .791  | -.777  | 315 | 22528 | .175   | .050  | .019  | -.424  | 315 | 2511 | -.342  | .102  | -.074 | -.874  |
| 315 | 22221 | -.045  | .184  | .756  | -.444  | 315 | 22529 | .235   | .060  | .033  | -.493  | 315 | 2512 | -.308  | .073  | -.070 | -.718  |
| 315 | 22222 | -.022  | .159  | .516  | -.516  | 315 | 22530 | .166   | .046  | .000  | -.344  | 315 | 2513 | -.307  | .080  | -.049 | -.818  |
| 315 | 22223 | -.220  | .112  | .203  | -.869  | 315 | 22531 | .177   | .049  | -.012 | -.358  | 315 | 2514 | -.320  | .089  | -.020 | -.902  |
| 315 | 22224 | -.034  | .144  | .625  | -.575  | 315 | 22532 | .172   | .047  | -.005 | -.338  | 315 | 2515 | -.331  | .094  | -.076 | -.975  |
| 315 | 22225 | -.042  | .138  | .621  | -.414  | 315 | 22533 | .294   | .072  | -.078 | -.583  | 315 | 2516 | -.324  | .074  | -.105 | -.676  |
| 315 | 22226 | -.048  | .136  | .572  | -.403  | 315 | 22534 | .265   | .066  | -.071 | -.545  | 315 | 2517 | -.318  | .077  | -.098 | -.862  |
| 315 | 22227 | -.053  | .126  | .612  | -.317  | 315 | 22535 | .269   | .061  | -.098 | -.576  | 315 | 2518 | -.318  | .071  | -.115 | -.660  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN | WD  | TAP  | CPHEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|
| 315 | 2519 | 320    | .072  | .115  | .737  | 315 | 2702 | .159   | .069  | .143  | .381  | 315 | 2827 | .116   | .072  | .331  | .448  |
| 315 | 2520 | 334    | .089  | .100  | .838  | 315 | 2703 | .172   | .056  | .035  | .370  | 315 | 2828 | .095   | .051  | .648  | .117  |
| 315 | 2521 | 335    | .084  | .084  | .818  | 315 | 2704 | .055   | .088  | .326  | .427  | 315 | 2829 | .142   | .076  | .128  | .674  |
| 315 | 2522 | 335    | .085  | .110  | .748  | 315 | 2705 | .061   | .088  | .519  | .236  | 315 | 2830 | .089   | .065  | .250  | .398  |
| 315 | 2523 | 333    | .083  | .110  | .808  | 315 | 2706 | .113   | .092  | .218  | .676  | 315 | 2831 | .051   | .078  | .453  | .242  |
| 315 | 2524 | 333    | .080  | .030  | .748  | 315 | 2707 | .078   | .085  | .476  | .374  | 315 | 2832 | .011   | .081  | .231  | .519  |
| 315 | 2525 | 277    | .087  | .074  | .801  | 315 | 2708 | .000   | .096  | .428  | .298  | 315 | 2833 | .014   | .077  | .468  | .220  |
| 315 | 2526 | 276    | .083  | .086  | .618  | 315 | 2709 | .247   | .085  | .140  | .598  | 315 | 2834 | .044   | .080  | .430  | .225  |
| 315 | 2527 | 281    | .087  | .074  | .768  | 315 | 2710 | .263   | .069  | .013  | .515  | 315 | 2835 | .113   | .060  | .203  | .381  |
| 315 | 2528 | 226    | .062  | .067  | .618  | 315 | 2711 | .007   | .122  | .464  | .405  | 315 | 2836 | .141   | .075  | .472  | .092  |
| 315 | 2529 | 243    | .074  | .057  | .722  | 315 | 2712 | .059   | .085  | .260  | .426  | 315 | 2837 | .012   | .090  | .625  | .243  |
| 315 | 2530 | 211    | .061  | .042  | .623  | 315 | 2713 | .025   | .117  | .480  | .558  | 315 | 2838 | .055   | .078  | .320  | .278  |
| 315 | 2531 | 079    | .059  | .216  | .351  | 315 | 2714 | .109   | .091  | .163  | .577  | 315 | 2839 | .108   | .062  | .226  | .448  |
| 315 | 2532 | 338    | .064  | .055  | .564  | 315 | 2715 | .043   | .130  | .459  | .479  | 315 | 2840 | .143   | .059  | .544  | .072  |
| 315 | 2601 | 324    | .134  | .034  | .265  | 315 | 2716 | .032   | .105  | .566  | .298  | 315 | 2841 | .065   | .087  | .521  | .438  |
| 315 | 2602 | 333    | .158  | .012  | .298  | 315 | 2717 | .045   | .134  | .546  | .859  | 315 | 2842 | .032   | .080  | .328  | .295  |
| 315 | 2603 | 343    | .185  | .059  | .313  | 315 | 2718 | .045   | .126  | .500  | .788  | 315 | 2843 | .101   | .050  | .148  | .341  |
| 315 | 2604 | 400    | .270  | .092  | .464  | 315 | 2719 | .005   | .117  | .506  | .735  | 315 | 2844 | .111   | .050  | .363  | .060  |
| 315 | 2605 | 449    | .271  | .118  | .943  | 315 | 2720 | .076   | .079  | .377  | .231  | 315 | 2845 | .028   | .075  | .486  | .248  |
| 315 | 2606 | 507    | .292  | .175  | .373  | 315 | 2721 | .165   | .103  | .178  | .789  | 315 | 2846 | .049   | .079  | .385  | .195  |
| 315 | 2607 | 510    | .111  | .052  | .967  | 315 | 2722 | .171   | .096  | .173  | .780  | 315 | 2847 | .116   | .061  | .196  | .443  |
| 315 | 2608 | 310    | .222  | .384  | .145  | 315 | 2723 | .245   | .120  | .237  | .760  | 315 | 2848 | .105   | .057  | .343  | .176  |
| 315 | 2609 | 301    | .079  | .017  | .941  | 315 | 2724 | .319   | .136  | .026  | .248  | 315 | 2849 | .092   | .060  | .220  | .403  |
| 315 | 2610 | 308    | .113  | .034  | .853  | 315 | 2725 | .106   | .149  | .398  | .814  | 315 | 2850 | .094   | .058  | .183  | .585  |
| 315 | 2611 | 349    | .178  | .191  | .090  | 315 | 2801 | .070   | .106  | .375  | .593  | 315 | 2851 | .100   | .040  | .028  | .296  |
| 315 | 2612 | 404    | .211  | .307  | .347  | 315 | 2802 | .117   | .093  | .262  | .514  | 315 | 2852 | .100   | .040  | .028  | .296  |
| 315 | 2613 | 436    | .234  | .469  | .668  | 315 | 2803 | .111   | .098  | .646  | .291  | 315 | 2853 | .089   | .039  | .090  | .215  |
| 315 | 2614 | 310    | .076  | .076  | .789  | 315 | 2804 | .106   | .070  | .188  | .619  | 315 | 2854 | .034   | .060  | .339  | .172  |
| 315 | 2615 | 288    | .109  | .025  | .913  | 315 | 2805 | .162   | .148  | .225  | .136  | 315 | 2855 | .021   | .061  | .379  | .149  |
| 315 | 2616 | 421    | .143  | .052  | .020  | 315 | 2806 | .055   | .112  | .445  | .344  | 315 | 2856 | .023   | .053  | .258  | .100  |
| 315 | 2617 | 410    | .254  | .155  | .705  | 315 | 2807 | .015   | .128  | .313  | .324  | 315 | 2857 | .010   | .060  | .239  | .302  |
| 315 | 2618 | 457    | .281  | .376  | .166  | 315 | 2808 | .010   | .123  | .516  | .351  | 315 | 2858 | .240   | .055  | .062  | .493  |
| 315 | 2619 | 286    | .070  | .096  | .754  | 315 | 2809 | .084   | .125  | .620  | .355  | 315 | 2859 | .145   | .048  | .041  | .336  |
| 315 | 2620 | 274    | .090  | .017  | .873  | 315 | 2810 | .115   | .134  | .641  | .384  | 315 | 2860 | .204   | .095  | .045  | .993  |
| 315 | 2621 | 306    | .173  | .091  | .486  | 315 | 2811 | .093   | .078  | .507  | .365  | 315 | 2861 | .299   | .158  | .023  | .307  |
| 315 | 2622 | 319    | .215  | .161  | .364  | 315 | 2812 | .105   | .055  | .093  | .376  | 315 | 2862 | .340   | .149  | .018  | .106  |
| 315 | 2623 | 427    | .268  | .346  | .043  | 315 | 2813 | .171   | .131  | .175  | .983  | 315 | 2863 | .314   | .181  | .133  | .439  |
| 315 | 2624 | 249    | .057  | .090  | .446  | 315 | 2814 | .095   | .090  | .437  | .437  | 315 | 2864 | .291   | .065  | .105  | .552  |
| 315 | 2625 | 226    | .061  | .020  | .511  | 315 | 2815 | .015   | .113  | .358  | .576  | 315 | 2865 | .222   | .048  | .074  | .455  |
| 315 | 2626 | 289    | .088  | .161  | .743  | 315 | 2816 | .024   | .110  | .634  | .451  | 315 | 2866 | .103   | .069  | .177  | .344  |
| 315 | 2627 | 368    | .159  | .204  | .205  | 315 | 2817 | .014   | .085  | .473  | .243  | 315 | 2867 | .252   | .080  | .003  | .561  |
| 315 | 2628 | 204    | .192  | .227  | .888  | 315 | 2818 | .061   | .088  | .402  | .229  | 315 | 2868 | .236   | .069  | .005  | .509  |
| 315 | 2629 | 290    | .047  | .015  | .452  | 315 | 2819 | .080   | .057  | .353  | .261  | 315 | 2869 | .116   | .058  | .125  | .307  |
| 315 | 2630 | 142    | .131  | .103  | .973  | 315 | 2820 | .083   | .047  | .133  | .371  | 315 | 2870 | .041   | .097  | .423  | .246  |
| 315 | 2631 | 196    | .058  | .152  | .415  | 315 | 2821 | .119   | .097  | .240  | .638  | 315 | 2871 | .049   | .065  | .187  | .264  |
| 315 | 2632 | 188    | .052  | .022  | .459  | 315 | 2822 | .081   | .080  | .407  | .231  | 315 | 2872 | .113   | .063  | .118  | .381  |
| 315 | 2633 | 186    | .061  | .034  | .484  | 315 | 2823 | .015   | .087  | .376  | .244  | 315 | 2873 | .135   | .102  | .266  | .604  |
| 315 | 2634 | 200    | .059  | .044  | .450  | 315 | 2824 | .014   | .090  | .308  | .531  | 315 | 2874 | .061   | .103  | .346  | .441  |
| 315 | 2635 | 021    | .069  | .152  | .538  | 315 | 2825 | .068   | .086  | .426  | .210  | 315 | 101  | .427   | .111  | .069  | .970  |
| 315 | 2701 | 021    | .097  | .238  | .365  | 315 | 2826 | .112   | .092  | .443  | .163  | 315 | 102  | .620   | .147  | .159  | .232  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD   | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  | WD   | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  | WD   | TAP  | CPNEAN | CPRMS | CPHAX | CPMIN  |
|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|
| 3330 | 103  | -.833  | .164  | -.259 | -1.498 | 3330 | 1129 | -.341  | .055  | -.154 | -.594  | 3330 | 1307 | -1.151 | .282  | -.462 | -2.454 |
| 3330 | 104  | -.883  | .143  | -.439 | -1.450 | 3330 | 1130 | -.353  | .068  | -.130 | -.701  | 3330 | 1308 | -.681  | .197  | -.098 | -1.431 |
| 3330 | 105  | -.819  | .136  | -.411 | -1.397 | 3330 | 1201 | -.493  | .133  | -.198 | -1.266 | 3330 | 1309 | -1.098 | .257  | -.462 | -2.543 |
| 3330 | 106  | -.947  | .191  | -.388 | -1.752 | 3330 | 1202 | -.508  | .161  | -.115 | -1.455 | 3330 | 1310 | -.766  | .289  | -.065 | -1.716 |
| 3330 | 107  | -.732  | .155  | -.222 | -1.360 | 3330 | 1203 | -.564  | .162  | -.150 | -1.307 | 3330 | 1311 | -.936  | .309  | -.156 | -1.835 |
| 3330 | 108  | -.584  | .140  | -.122 | -1.215 | 3330 | 1204 | -.639  | .180  | -.140 | -1.509 | 3330 | 1312 | -1.009 | .246  | -.086 | -1.848 |
| 3330 | 109  | -.447  | .114  | -.062 | -.941  | 3330 | 1205 | -.732  | .188  | -.155 | -1.525 | 3330 | 1313 | -1.030 | .219  | -.390 | -2.033 |
| 3330 | 110  | -.548  | .125  | -.133 | -1.101 | 3330 | 1206 | -.774  | .203  | -.175 | -1.775 | 3330 | 1314 | -.727  | .305  | -.133 | -1.673 |
| 3330 | 111  | -.778  | .137  | -.317 | -1.293 | 3330 | 1207 | -.476  | .141  | -.126 | -1.414 | 3330 | 1315 | -.912  | .335  | -.283 | -2.104 |
| 3330 | 112  | -.887  | .142  | -.375 | -1.314 | 3330 | 1208 | -.770  | .198  | -.280 | -2.331 | 3330 | 1316 | -1.020 | .268  | -.133 | -2.138 |
| 3330 | 201  | -.348  | .179  | -.103 | -1.037 | 3330 | 1209 | -.478  | .117  | -.179 | -.928  | 3330 | 1317 | -.999  | .251  | -.282 | -2.265 |
| 3330 | 202  | -.174  | .074  | -.046 | -.705  | 3330 | 1210 | -.495  | .148  | -.106 | -1.076 | 3330 | 1318 | -.683  | .247  | -.082 | -1.767 |
| 3330 | 203  | -.164  | .083  | -.129 | -.610  | 3330 | 1211 | -.601  | .201  | -.090 | -1.257 | 3330 | 1319 | -.818  | .269  | -.031 | -1.888 |
| 3330 | 204  | -.088  | .065  | -.195 | -.385  | 3330 | 1212 | -.669  | .226  | -.106 | -1.485 | 3330 | 1320 | -.923  | .259  | -.114 | -1.900 |
| 3330 | 205  | -.153  | .039  | -.011 | -.294  | 3330 | 1213 | -.747  | .223  | -.172 | -1.602 | 3330 | 1321 | -.949  | .255  | -.340 | -2.249 |
| 3330 | 206  | -.110  | .047  | -.034 | -.288  | 3330 | 1214 | -.443  | .128  | -.113 | -1.145 | 3330 | 1322 | -.424  | .106  | -.072 | -.993  |
| 3330 | 207  | -.295  | .138  | -.045 | -.751  | 3330 | 1215 | -.447  | .143  | -.007 | -.962  | 3330 | 1323 | -.247  | .134  | -.261 | -.872  |
| 3330 | 208  | -.274  | .101  | -.096 | -.889  | 3330 | 1216 | -.497  | .182  | -.075 | -1.130 | 3330 | 1324 | -.418  | .255  | -.124 | -1.805 |
| 3330 | 209  | -.508  | .166  | -.018 | -1.331 | 3330 | 1217 | -.632  | .247  | -.046 | -1.723 | 3330 | 1325 | -1.065 | .316  | -.105 | -2.490 |
| 3330 | 210  | -.380  | .087  | -.155 | -.717  | 3330 | 1218 | -.685  | .249  | -.007 | -1.688 | 3330 | 1326 | -.490  | .149  | -.024 | -1.152 |
| 3330 | 211  | -.207  | .042  | -.070 | -.378  | 3330 | 1219 | -.685  | .097  | -.128 | -1.027 | 3330 | 1327 | -.307  | .113  | -.103 | -.719  |
| 3330 | 212  | -.184  | .036  | -.052 | -.326  | 3330 | 1220 | -.402  | .100  | -.096 | -1.909 | 3330 | 1328 | -.055  | .188  | -.088 | -.881  |
| 3330 | 1101 | -.461  | .091  | -.204 | -.851  | 3330 | 1221 | -.519  | .165  | -.065 | -1.542 | 3330 | 1329 | -.366  | .226  | -.270 | -1.378 |
| 3330 | 1102 | -.457  | .096  | -.191 | -.824  | 3330 | 1222 | -.577  | .208  | -.072 | -1.698 | 3330 | 1330 | -.348  | .149  | -.976 | -1.166 |
| 3330 | 1103 | -.500  | .153  | -.164 | -1.579 | 3330 | 1223 | -.647  | .215  | -.173 | -1.588 | 3330 | 1331 | -.183  | .139  | -.719 | -.395  |
| 3330 | 1104 | -.491  | .139  | -.151 | -1.174 | 3330 | 1224 | -.376  | .065  | -.164 | -.747  | 3330 | 1332 | -.177  | .129  | -.631 | -.321  |
| 3330 | 1105 | -.457  | .096  | -.128 | -.917  | 3330 | 1225 | -.396  | .066  | -.174 | -.643  | 3330 | 1401 | -.272  | .141  | -.672 | -.206  |
| 3330 | 1106 | -.436  | .089  | -.195 | -.916  | 3330 | 1226 | -.394  | .070  | -.118 | -.696  | 3330 | 1402 | -.209  | .121  | -.554 | -.227  |
| 3330 | 1107 | -.482  | .126  | -.215 | -1.249 | 3330 | 1227 | -.441  | .104  | -.090 | -.903  | 3330 | 1403 | -.145  | .111  | -.465 | -.228  |
| 3330 | 1108 | -.439  | .080  | -.226 | -.917  | 3330 | 1228 | -.398  | .202  | -.166 | -1.774 | 3330 | 1404 | -.136  | .110  | -.467 | -.252  |
| 3330 | 1109 | -.487  | .127  | -.171 | -1.186 | 3330 | 1229 | -.378  | .058  | -.193 | -.631  | 3330 | 1405 | -.086  | .111  | -.421 | -.311  |
| 3330 | 1110 | -.429  | .071  | -.231 | -.877  | 3330 | 1230 | -.381  | .065  | -.166 | -.675  | 3330 | 1406 | -.074  | .099  | -.301 | -.431  |
| 3330 | 1111 | -.442  | .076  | -.239 | -.863  | 3330 | 1231 | -.371  | .076  | -.152 | -.725  | 3330 | 1407 | -.396  | .165  | -.913 | -.161  |
| 3330 | 1112 | -.441  | .085  | -.209 | -.893  | 3330 | 1232 | -.345  | .079  | -.087 | -.699  | 3330 | 1408 | -.050  | .092  | -.393 | -.281  |
| 3330 | 1113 | -.441  | .094  | -.173 | -.879  | 3330 | 1233 | -.397  | .077  | -.162 | -.710  | 3330 | 1409 | -.387  | .167  | -.966 | -.105  |
| 3330 | 1114 | -.375  | .062  | -.190 | -.860  | 3330 | 1234 | -.335  | .089  | -.072 | -.730  | 3330 | 1410 | -.602  | .171  | 1.135 | -.135  |
| 3330 | 1115 | -.393  | .063  | -.208 | -.768  | 3330 | 1235 | -.300  | .084  | -.060 | -.572  | 3330 | 1411 | -.533  | .156  | 1.956 | -.113  |
| 3330 | 1116 | -.389  | .069  | -.188 | -.689  | 3330 | 1236 | -.320  | .082  | -.007 | -.595  | 3330 | 1412 | -.418  | .144  | 1.964 | -.017  |
| 3330 | 1117 | -.407  | .092  | -.128 | -.841  | 3330 | 1237 | -.231  | .089  | -.062 | -.554  | 3330 | 1413 | -.076  | .122  | 1.519 | -.325  |
| 3330 | 1118 | -.357  | .057  | -.200 | -.593  | 3330 | 1238 | -.265  | .071  | -.014 | -.543  | 3330 | 1414 | -.306  | .164  | 1.851 | -.140  |
| 3330 | 1119 | -.364  | .056  | -.205 | -.669  | 3330 | 1239 | -.292  | .072  | -.055 | -.598  | 3330 | 1415 | -.522  | .159  | 1.030 | -.058  |
| 3330 | 1120 | -.361  | .063  | -.199 | -.949  | 3330 | 1240 | -.314  | .084  | -.031 | -.636  | 3330 | 1416 | -.527  | .150  | 1.971 | -.093  |
| 3330 | 1121 | -.399  | .092  | -.125 | -.878  | 3330 | 1241 | -.344  | .082  | -.089 | -.669  | 3330 | 1417 | -.381  | .121  | 1.765 | -.024  |
| 3330 | 1122 | -.369  | .064  | -.180 | -.719  | 3330 | 1242 | -.338  | .075  | -.088 | -.676  | 3330 | 1418 | -.077  | .120  | 1.456 | -.316  |
| 3330 | 1123 | -.357  | .054  | -.190 | -.758  | 3330 | 1301 | -.632  | .171  | -.170 | -1.390 | 3330 | 1419 | -.228  | .151  | 1.767 | -.316  |
| 3330 | 1124 | -.351  | .052  | -.118 | -.663  | 3330 | 1302 | -.626  | .236  | -.036 | -1.564 | 3330 | 1420 | -.414  | .142  | 1.910 | -.005  |
| 3330 | 1125 | -.370  | .060  | -.060 | -.643  | 3330 | 1303 | -.976  | .191  | -.340 | -1.608 | 3330 | 1421 | -.355  | .127  | 1.873 | -.029  |
| 3330 | 1126 | -.351  | .062  | -.135 | -.631  | 3330 | 1304 | 1.171  | .327  | -.500 | -2.486 | 3330 | 1422 | -.275  | .121  | 1.754 | -.014  |
| 3330 | 1127 | -.353  | .053  | -.186 | -.635  | 3330 | 1305 | -.905  | .176  | -.359 | -1.593 | 3330 | 1423 | -.022  | .120  | 1.417 | -.285  |
| 3330 | 1128 | -.339  | .049  | -.132 | -.526  | 3330 | 1306 | -.680  | .267  | -.082 | -1.675 | 3330 | 1424 | -.265  | .125  | 1.852 | -.145  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP   | CPNEAH | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPNEAH | CPRMS | CPMAX | CPMIN |
|------|-------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|-------|
| 3330 | 14225 | .243   | .116  | .703  | .237   | 3330 | 1608 | .494   | .093  | .246  | -.093  | 3330 | 1723 | .068   | .085  | .219  | -.410 |
| 3330 | 14226 | .158   | .095  | .453  | -.260  | 3330 | 1609 | .429   | .061  | .247  | -.681  | 3330 | 1724 | .297   | .099  | .676  | -.090 |
| 3330 | 14227 | .055   | .060  | .139  | .347   | 3330 | 1610 | .428   | .066  | .190  | -.774  | 3330 | 1725 | .329   | .094  | .019  | -.795 |
| 3330 | 14228 | .237   | .062  | .031  | .514   | 3330 | 1611 | .434   | .071  | .206  | -.863  | 3330 | 1801 | .336   | .067  | .166  | -.732 |
| 3330 | 14229 | .204   | .126  | .675  | .242   | 3330 | 1612 | .448   | .074  | .231  | -.901  | 3330 | 1802 | .360   | .073  | .149  | -.756 |
| 3330 | 14330 | .088   | .074  | .270  | .330   | 3330 | 1613 | .467   | .095  | .196  | -1.069 | 3330 | 1803 | .364   | .075  | .791  | .134  |
| 3330 | 14331 | .282   | .125  | .798  | .072   | 3330 | 1614 | .398   | .055  | .241  | -.599  | 3330 | 1804 | .364   | .072  | .035  | -.642 |
| 3330 | 14332 | .302   | .123  | .721  | .169   | 3330 | 1615 | .397   | .056  | .235  | -.630  | 3330 | 1805 | .259   | .080  | .035  | -.663 |
| 3330 | 14333 | .278   | .111  | .708  | .043   | 3330 | 1616 | .408   | .061  | .231  | -.697  | 3330 | 1806 | .251   | .083  | .042  | -.729 |
| 3330 | 14334 | .188   | .105  | .559  | .089   | 3330 | 1617 | .419   | .074  | .252  | -.835  | 3330 | 1807 | .233   | .066  | .548  | .023  |
| 3330 | 14335 | .216   | .092  | .587  | .065   | 3330 | 1618 | .449   | .102  | .179  | -1.225 | 3330 | 1808 | .237   | .061  | .023  | -.626 |
| 3330 | 15001 | .941   | .186  | .340  | -1.226 | 3330 | 1619 | .402   | .063  | .213  | -.741  | 3330 | 1809 | .260   | .063  | .049  | -.554 |
| 3330 | 15002 | .652   | .167  | .268  | -1.276 | 3330 | 1620 | .409   | .065  | .224  | -.744  | 3330 | 1810 | .241   | .063  | .037  | -.491 |
| 3330 | 15003 | .817   | .135  | .344  | -1.376 | 3330 | 1621 | .416   | .078  | .209  | -1.124 | 3330 | 1811 | .373   | .091  | .967  | .127  |
| 3330 | 15004 | .665   | .131  | .298  | -1.230 | 3330 | 1622 | .422   | .073  | .181  | -.902  | 3330 | 1812 | .308   | .067  | .109  | -.370 |
| 3330 | 15005 | .353   | .165  | .036  | -1.116 | 3330 | 1623 | .445   | .103  | .171  | -1.265 | 3330 | 1813 | .263   | .067  | .051  | -.613 |
| 3330 | 15006 | .250   | .064  | .002  | -.575  | 3330 | 1624 | .485   | .100  | .253  | -1.055 | 3330 | 1814 | .263   | .073  | .044  | -.613 |
| 3330 | 15007 | .366   | .061  | .164  | -.577  | 3330 | 1625 | .466   | .092  | .188  | -.924  | 3330 | 1815 | .256   | .055  | .514  | .100  |
| 3330 | 15008 | .591   | .216  | .152  | -1.250 | 3330 | 1626 | .461   | .101  | .214  | -1.017 | 3330 | 1816 | .250   | .051  | .030  | -.356 |
| 3330 | 15009 | .204   | .064  | .078  | -.541  | 3330 | 1627 | .420   | .095  | .064  | -1.001 | 3330 | 1817 | .260   | .047  | .108  | -.454 |
| 3330 | 15110 | .947   | .229  | .133  | -1.550 | 3330 | 1628 | .402   | .087  | .099  | -.903  | 3330 | 1818 | .213   | .055  | .042  | -.396 |
| 3330 | 15111 | .792   | .053  | .113  | -1.555 | 3330 | 1629 | .393   | .091  | .129  | -.848  | 3330 | 1819 | .347   | .091  | .741  | .097  |
| 3330 | 15112 | .378   | .207  | .117  | -1.548 | 3330 | 1630 | .329   | .071  | .106  | -.747  | 3330 | 1820 | .302   | .074  | .100  | -.681 |
| 3330 | 15113 | .378   | .245  | .080  | -1.280 | 3330 | 1631 | .248   | .082  | .044  | -.599  | 3330 | 1821 | .251   | .061  | .087  | -.501 |
| 3330 | 15114 | .152   | .146  | .226  | -.924  | 3330 | 1632 | .165   | .091  | .117  | -.549  | 3330 | 1822 | .264   | .068  | .565  | .065  |
| 3330 | 15115 | .329   | .048  | .166  | -.550  | 3330 | 1633 | .220   | .071  | .085  | -.501  | 3330 | 1823 | .238   | .053  | .044  | -.461 |
| 3330 | 15116 | .205   | .002  | .154  | -.649  | 3330 | 1634 | .215   | .063  | .018  | -.449  | 3330 | 1824 | .232   | .044  | .428  | .093  |
| 3330 | 15117 | .323   | .225  | .105  | -1.214 | 3330 | 1635 | .241   | .059  | .027  | -.439  | 3330 | 1825 | .238   | .047  | .105  | -.446 |
| 3330 | 15118 | .114   | .123  | .237  | -.900  | 3330 | 1701 | .269   | .061  | .544  | -.076  | 3330 | 1826 | .222   | .057  | .005  | -.428 |
| 3330 | 15119 | .312   | .054  | .122  | -.577  | 3330 | 1702 | .284   | .065  | .014  | -.523  | 3330 | 1827 | .333   | .084  | .144  | -.733 |
| 3330 | 15200 | .660   | .218  | .146  | -1.425 | 3330 | 1703 | .238   | .075  | .037  | -.533  | 3330 | 1828 | .294   | .077  | .703  | .102  |
| 3330 | 15201 | .261   | .155  | .038  | -.973  | 3330 | 1704 | .404   | .086  | .119  | -.756  | 3330 | 1829 | .240   | .061  | .065  | -.658 |
| 3330 | 15202 | .129   | .111  | .228  | -.933  | 3330 | 1705 | .419   | .108  | .919  | -.039  | 3330 | 1830 | .246   | .058  | .023  | -.568 |
| 3330 | 15203 | .310   | .056  | .142  | -.608  | 3330 | 1706 | .414   | .163  | .016  | -1.579 | 3330 | 1831 | .236   | .050  | .047  | -.442 |
| 3330 | 15204 | .624   | .164  | .132  | -1.268 | 3330 | 1707 | .344   | .115  | .119  | -.805  | 3330 | 1832 | .264   | .050  | .474  | .032  |
| 3330 | 15205 | .315   | .132  | .000  | -.047  | 3330 | 1708 | .305   | .118  | .073  | -.852  | 3330 | 1833 | .231   | .050  | .098  | -.563 |
| 3330 | 15206 | .202   | .081  | .091  | -.911  | 3330 | 1709 | .186   | .119  | .221  | -.694  | 3330 | 1834 | .236   | .054  | .035  | -.480 |
| 3330 | 15207 | .331   | .069  | .126  | -.746  | 3330 | 1710 | .103   | .127  | .391  | -.770  | 3330 | 1835 | .332   | .077  | .137  | -.691 |
| 3330 | 15208 | .332   | .104  | .007  | -.769  | 3330 | 1711 | .392   | .077  | .803  | -.187  | 3330 | 1836 | .261   | .061  | .650  | .095  |
| 3330 | 15209 | .242   | .083  | .018  | -.779  | 3330 | 1712 | .376   | .107  | .042  | -.907  | 3330 | 1837 | .198   | .041  | .058  | -.344 |
| 3330 | 15210 | .298   | .119  | .161  | -.803  | 3330 | 1713 | .295   | .082  | .070  | -.650  | 3330 | 1838 | .261   | .056  | .051  | -.480 |
| 3330 | 15211 | .149   | .102  | .126  | -.500  | 3330 | 1714 | .157   | .068  | .137  | -.624  | 3330 | 1839 | .343   | .085  | .072  | -.724 |
| 3330 | 15212 | .113   | .113  | .226  | -.659  | 3330 | 1715 | .398   | .100  | .854  | -.120  | 3330 | 1840 | .250   | .068  | .690  | .069  |
| 3330 | 16001 | .527   | .092  | .243  | -.862  | 3330 | 1716 | .355   | .057  | .181  | -.679  | 3330 | 1841 | .244   | .065  | .016  | -.488 |
| 3330 | 16002 | .525   | .094  | .208  | -.882  | 3330 | 1717 | .337   | .055  | .079  | -.591  | 3330 | 1842 | .300   | .067  | .042  | -.580 |
| 3330 | 16003 | .505   | .093  | .206  | -.976  | 3330 | 1718 | .347   | .055  | .173  | -.615  | 3330 | 1843 | .311   | .065  | .119  | -.540 |
| 3330 | 16004 | .500   | .094  | .179  | -1.174 | 3330 | 1719 | .353   | .057  | .191  | -.675  | 3330 | 1844 | .236   | .062  | .576  | .067  |
| 3330 | 16005 | .485   | .098  | .176  | -1.185 | 3330 | 1720 | .318   | .105  | .757  | -.116  | 3330 | 1845 | .212   | .064  | .014  | -.453 |
| 3330 | 16006 | .327   | .081  | .102  | -.669  | 3330 | 1721 | .099   | .104  | .363  | -.430  | 3330 | 1846 | .246   | .055  | .023  | -.437 |
| 3330 | 16007 | .476   | .071  | .251  | -.754  | 3330 | 1722 | .096   | .108  | .442  | -.491  | 3330 | 1847 | .310   | .063  | .135  | -.549 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  | WD   | TAP  | CPNEAN | CPRMS | CPMAX | CPMIN  |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|--------|------|------|--------|-------|-------|--------|
| 3330 | 1848 | .262   | .063  | .488  | .044  | 3330 | 2124 | -.016  | .112  | .506  | -.321  | 3330 | 2302 | -.472  | .140  | -.185 | -1.077 |
| 3330 | 1849 | -.326  | .074  | -.121 | -.570 | 3330 | 2125 | -.301  | .106  | .028  | -.823  | 3330 | 2303 | -.431  | .112  | -.113 | -.977  |
| 3330 | 1850 | -.293  | .081  | -.096 | -.674 | 3330 | 2126 | -.146  | .166  | .787  | -.443  | 3330 | 2304 | -.424  | .109  | -.119 | -.943  |
| 3330 | 1851 | -.177  | .051  | -.025 | -.387 | 3330 | 2127 | -.086  | .139  | .737  | -.291  | 3330 | 2305 | -.593  | .138  | -.241 | -1.084 |
| 3330 | 1852 | -.177  | .051  | -.025 | -.387 | 3330 | 2128 | -.055  | .138  | .403  | -.549  | 3330 | 2306 | -.472  | .126  | -.222 | -1.063 |
| 3330 | 1853 | -.178  | .048  | -.025 | -.360 | 3330 | 2129 | -.220  | .109  | .135  | -.660  | 3330 | 2307 | -.424  | .096  | -.103 | -.890  |
| 3330 | 1854 | -.156  | .052  | -.078 | -.354 | 3330 | 2130 | -.076  | .141  | .625  | -.388  | 3330 | 2308 | -.480  | .136  | -.238 | -1.670 |
| 3330 | 1855 | -.155  | .051  | -.063 | -.314 | 3330 | 2201 | -.568  | .310  | .070  | -1.497 | 3330 | 2309 | -.413  | .096  | -.102 | -1.046 |
| 3330 | 1856 | -.166  | .048  | -.096 | -.205 | 3330 | 2202 | -.177  | .099  | .175  | -.823  | 3330 | 2310 | -.422  | .088  | -.232 | -1.006 |
| 3330 | 1857 | -.154  | .048  | -.090 | -.332 | 3330 | 2203 | -.135  | .078  | .211  | -.545  | 3330 | 2311 | -.428  | .084  | -.206 | -.979  |
| 3330 | 1858 | -.125  | .113  | -.254 | -.676 | 3330 | 2204 | -.138  | .085  | .361  | -.475  | 3330 | 2312 | -.426  | .078  | -.179 | -.779  |
| 3330 | 1859 | -.021  | .133  | -.439 | -.439 | 3330 | 2205 | -.178  | .089  | .244  | -.619  | 3330 | 2313 | -.434  | .085  | -.226 | -.815  |
| 3330 | 1860 | -.000  | .000  | -.000 | -.000 | 3330 | 2206 | -.268  | .099  | .130  | -.727  | 3330 | 2314 | -.467  | .100  | -.227 | -1.029 |
| 3330 | 1861 | -.085  | .135  | -.477 | -.567 | 3330 | 2207 | -.008  | .320  | .162  | -2.210 | 3330 | 2315 | -.447  | .084  | -.214 | -.929  |
| 3330 | 1862 | -.273  | .099  | -.369 | -.648 | 3330 | 2208 | -.331  | .091  | .112  | -.717  | 3330 | 2316 | -.426  | .071  | -.188 | -.820  |
| 3330 | 1863 | -.306  | .067  | -.131 | -.617 | 3330 | 2209 | -.773  | .171  | .110  | -1.527 | 3330 | 2317 | -.421  | .073  | -.203 | -.875  |
| 3330 | 1864 | -.225  | .084  | -.010 | -.615 | 3330 | 2210 | -.721  | .224  | .203  | -1.411 | 3330 | 2318 | -.525  | .110  | -.260 | -1.060 |
| 3330 | 1865 | -.186  | .072  | -.085 | -.450 | 3330 | 2211 | -.284  | .148  | .094  | -1.144 | 3330 | 2319 | -.493  | .100  | -.216 | -.981  |
| 3330 | 1866 | -.176  | .068  | -.111 | -.487 | 3330 | 2212 | -.241  | .085  | .066  | -.794  | 3330 | 2320 | -.453  | .086  | -.205 | -.872  |
| 3330 | 1867 | -.288  | .066  | -.053 | -.600 | 3330 | 2213 | -.324  | .060  | .087  | -.622  | 3330 | 2321 | -.441  | .072  | -.226 | -.889  |
| 3330 | 1868 | -.142  | .065  | -.108 | -.490 | 3330 | 2214 | -.716  | .163  | .219  | -1.372 | 3330 | 2322 | -.459  | .140  | -.109 | -1.361 |
| 3330 | 1869 | .093   | .066  | -.150 | -.380 | 3330 | 2215 | -.657  | .205  | .067  | -1.443 | 3330 | 2323 | -.374  | .109  | -.084 | -.881  |
| 3330 | 1870 | .109   | .071  | -.284 | -.364 | 3330 | 2216 | -.495  | .224  | .226  | -1.280 | 3330 | 2324 | -.337  | .084  | -.093 | -.609  |
| 3330 | 1871 | .122   | .066  | -.258 | -.354 | 3330 | 2217 | -.316  | .122  | .032  | -.953  | 3330 | 2325 | -.373  | .085  | -.102 | -.746  |
| 3330 | 1872 | .225   | .054  | -.049 | -.416 | 3330 | 2218 | -.356  | .074  | .112  | -.820  | 3330 | 2326 | -.327  | .092  | -.035 | -.786  |
| 3330 | 1873 | .292   | .062  | -.090 | -.422 | 3330 | 2219 | -.722  | .206  | .076  | -1.692 | 3330 | 2327 | -.245  | .068  | -.031 | -.523  |
| 3330 | 1874 | .297   | .064  | -.083 | -.478 | 3330 | 2220 | -.612  | .241  | .215  | -1.620 | 3330 | 2328 | -.236  | .062  | -.017 | -.500  |
| 3330 | 2101 | .465   | .179  | -.974 | -.228 | 3330 | 2221 | -.325  | .154  | .124  | -1.107 | 3330 | 2329 | -.285  | .063  | -.079 | -.633  |
| 3330 | 2102 | .312   | .162  | -.831 | -.242 | 3330 | 2222 | -.293  | .101  | .082  | -.846  | 3330 | 2330 | -.212  | .057  | -.012 | -.428  |
| 3330 | 2103 | .197   | .171  | -.788 | -.266 | 3330 | 2223 | -.372  | .077  | .110  | -.716  | 3330 | 2331 | -.236  | .059  | -.036 | -.595  |
| 3330 | 2104 | .012   | .144  | -.540 | -.402 | 3330 | 2224 | -.703  | .285  | .112  | -1.780 | 3330 | 2332 | -.198  | .065  | -.076 | -.403  |
| 3330 | 2105 | .034   | .251  | -.781 | -.711 | 3330 | 2225 | -.371  | .143  | .061  | -1.032 | 3330 | 2401 | -.350  | .060  | -.167 | -.615  |
| 3330 | 2106 | .460   | .165  | -.936 | -.171 | 3330 | 2226 | -.323  | .109  | .041  | -.789  | 3330 | 2402 | -.310  | .047  | -.175 | -.480  |
| 3330 | 2107 | .182   | .143  | -.655 | -.230 | 3330 | 2227 | -.277  | .111  | .206  | -.722  | 3330 | 2403 | -.313  | .042  | -.182 | -.458  |
| 3330 | 2108 | .623   | .181  | 1.042 | -.157 | 3330 | 2228 | -.323  | .096  | .064  | -.737  | 3330 | 2404 | -.319  | .040  | -.193 | -.457  |
| 3330 | 2109 | -.561  | .104  | -.363 | -.561 | 3330 | 2229 | -.329  | .124  | .124  | -.981  | 3330 | 2405 | -.223  | .039  | -.203 | -.486  |
| 3330 | 2110 | .158   | .197  | 1.063 | -.183 | 3330 | 2230 | -.328  | .102  | .036  | -.862  | 3330 | 2406 | -.306  | .040  | -.180 | -.461  |
| 3330 | 2111 | .393   | .162  | -.863 | -.133 | 3330 | 2231 | -.396  | .124  | .020  | -1.088 | 3330 | 2407 | -.334  | .059  | -.161 | -.653  |
| 3330 | 2112 | .283   | .128  | -.634 | -.139 | 3330 | 2232 | -.365  | .124  | .071  | -.860  | 3330 | 2408 | -.285  | .035  | -.198 | -.450  |
| 3330 | 2113 | .327   | .079  | 1.123 | -.385 | 3330 | 2233 | -.279  | .131  | .103  | -.828  | 3330 | 2409 | -.374  | .049  | -.207 | -.734  |
| 3330 | 2114 | .352   | .194  | 1.095 | -.386 | 3330 | 2234 | -.218  | .130  | .182  | -.752  | 3330 | 2410 | -.330  | .038  | -.199 | -.459  |
| 3330 | 2115 | .355   | .158  | 1.055 | -.353 | 3330 | 2235 | -.270  | .086  | .014  | -.572  | 3330 | 2411 | -.330  | .035  | -.214 | -.468  |
| 3330 | 2116 | .257   | .129  | 1.055 | -.338 | 3330 | 2236 | -.299  | .111  | .014  | -.859  | 3330 | 2412 | -.337  | .034  | -.229 | -.446  |
| 3330 | 2117 | .217   | .086  | 1.137 | -.325 | 3330 | 2237 | -.347  | .121  | .168  | -.816  | 3330 | 2413 | -.347  | .037  | -.231 | -.488  |
| 3330 | 2118 | .384   | .190  | 1.004 | -.475 | 3330 | 2238 | -.281  | .133  | .329  | -.700  | 3330 | 2414 | -.361  | .045  | -.218 | -.532  |
| 3330 | 2119 | .235   | .165  | 1.074 | -.427 | 3330 | 2239 | -.194  | .165  | .620  | -.651  | 3330 | 2415 | -.358  | .041  | -.216 | -.510  |
| 3330 | 2120 | .161   | .134  | .593  | -.294 | 3330 | 2240 | -.265  | .082  | .062  | -.566  | 3330 | 2416 | -.358  | .037  | -.257 | -.505  |
| 3330 | 2121 | .250   | .097  | .191  | -.575 | 3330 | 2241 | -.345  | .086  | .026  | -.794  | 3330 | 2417 | -.365  | .038  | -.236 | -.510  |
| 3330 | 2122 | .177   | .178  | 1.031 | -.346 | 3330 | 2242 | -.210  | .154  | .505  | -.643  | 3330 | 2418 | -.341  | .039  | -.194 | -.495  |
| 3330 | 2123 | .075   | .146  | .631  | -.468 | 3330 | 2301 | -.554  | .191  | .224  | -1.358 | 3330 | 2419 | -.433  | .079  | -.218 | -.957  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|-------|------|------|--------|-------|-------|--------|
| 3330 | 2420 | -.424  | .071  | -.264 | -.946 | 3330 | 2603 | -.151  | .039  | -.007 | -.296 | 3330 | 2718 | -.421  | .275  | .366  | -1.549 |
| 3330 | 2421 | -.386  | .049  | -.245 | -.639 | 3330 | 2604 | -.160  | .044  | -.005 | -.374 | 3330 | 2719 | -.458  | .259  | .304  | -1.874 |
| 3330 | 2422 | -.361  | .032  | -.215 | -.696 | 3330 | 2605 | -.125  | .053  | -.064 | -.354 | 3330 | 2720 | -.240  | .095  | .809  | -1.032 |
| 3330 | 2423 | -.372  | .058  | -.226 | -.713 | 3330 | 2606 | -.406  | .155  | -.108 | -.788 | 3330 | 2721 | -.255  | .134  | .078  | -1.197 |
| 3330 | 2424 | -.473  | .129  | -.167 | -.077 | 3330 | 2607 | -.227  | .032  | -.141 | -.350 | 3330 | 2722 | -.304  | .142  | .052  | -1.161 |
| 3330 | 2425 | -.409  | .085  | -.183 | -.820 | 3330 | 2608 | -.376  | .155  | -.304 | -.944 | 3330 | 2723 | -.430  | .117  | .002  | -1.012 |
| 3330 | 2426 | -.360  | .072  | -.109 | -.663 | 3330 | 2609 | -.247  | .030  | -.158 | -.339 | 3330 | 2724 | -.573  | .188  | .506  | .017   |
| 3330 | 2427 | -.365  | .080  | -.103 | -.713 | 3330 | 2610 | -.145  | .033  | -.012 | -.382 | 3330 | 2725 | -.325  | .198  | .363  | -1.280 |
| 3330 | 2428 | -.381  | .087  | -.124 | -.910 | 3330 | 2611 | -.015  | .050  | -.133 | -.306 | 3330 | 2801 | -.140  | .143  | .680  | -1.224 |
| 3330 | 2429 | -.422  | .136  | -.007 | -.115 | 3330 | 2612 | -.040  | .067  | -.236 | -.316 | 3330 | 2802 | -.085  | .140  | .588  | -1.292 |
| 3330 | 2430 | -.332  | .082  | -.083 | -.691 | 3330 | 2613 | -.205  | .182  | -.344 | -.814 | 3330 | 2803 | -.044  | .162  | .519  | -1.668 |
| 3330 | 2431 | -.353  | .100  | -.060 | -.926 | 3330 | 2614 | -.251  | .031  | -.123 | -.389 | 3330 | 2804 | -.207  | .084  | .161  | -1.554 |
| 3330 | 2432 | -.342  | .077  | -.133 | -.808 | 3330 | 2615 | -.140  | .034  | -.005 | -.257 | 3330 | 2805 | -.119  | .100  | .130  | -1.765 |
| 3330 | 2433 | -.321  | .068  | -.091 | -.710 | 3330 | 2616 | -.092  | .041  | -.078 | -.231 | 3330 | 2806 | -.127  | .074  | .244  | -1.391 |
| 3330 | 2434 | -.309  | .072  | -.121 | -.660 | 3330 | 2617 | -.029  | .064  | -.279 | -.265 | 3330 | 2807 | -.037  | .142  | .401  | -1.554 |
| 3330 | 2435 | -.310  | .067  | -.094 | -.602 | 3330 | 2618 | -.130  | .188  | -.426 | -.749 | 3330 | 2808 | -.152  | .170  | .829  | -1.327 |
| 3330 | 2501 | -.340  | .048  | -.207 | -.567 | 3330 | 2619 | -.262  | .040  | -.165 | -.459 | 3330 | 2809 | -.213  | .172  | .917  | -1.394 |
| 3330 | 2502 | -.344  | .055  | -.185 | -.539 | 3330 | 2620 | -.171  | .036  | -.055 | -.321 | 3330 | 2810 | -.202  | .166  | .905  | -1.155 |
| 3330 | 2503 | -.342  | .048  | -.170 | -.521 | 3330 | 2621 | -.058  | .048  | -.116 | -.270 | 3330 | 2811 | -.050  | .145  | .514  | -1.539 |
| 3330 | 2504 | -.435  | .066  | -.249 | -.638 | 3330 | 2622 | -.000  | .063  | -.222 | -.236 | 3330 | 2812 | -.204  | .086  | .137  | -1.558 |
| 3330 | 2505 | -.387  | .054  | -.218 | -.531 | 3330 | 2623 | -.079  | .176  | -.415 | -.696 | 3330 | 2813 | -.121  | .100  | .234  | -1.727 |
| 3330 | 2506 | -.318  | .040  | -.197 | -.471 | 3330 | 2624 | -.303  | .060  | -.098 | -.580 | 3330 | 2814 | -.113  | .075  | .187  | -1.396 |
| 3330 | 2507 | -.299  | .038  | -.175 | -.457 | 3330 | 2625 | -.173  | .044  | -.017 | -.319 | 3330 | 2815 | -.002  | .138  | .391  | -1.739 |
| 3330 | 2508 | -.319  | .039  | -.208 | -.469 | 3330 | 2626 | -.122  | .045  | -.091 | -.269 | 3330 | 2816 | -.143  | .158  | .851  | -1.329 |
| 3330 | 2509 | -.313  | .037  | -.195 | -.457 | 3330 | 2627 | -.051  | .064  | -.168 | -.380 | 3330 | 2817 | -.195  | .144  | .932  | -1.237 |
| 3330 | 2510 | -.327  | .043  | -.185 | -.480 | 3330 | 2628 | -.091  | .150  | -.306 | -.823 | 3330 | 2818 | -.228  | .135  | .780  | -1.130 |
| 3330 | 2511 | -.308  | .040  | -.170 | -.442 | 3330 | 2629 | -.272  | .066  | -.042 | -.509 | 3330 | 2819 | -.040  | .127  | .396  | -1.732 |
| 3330 | 2512 | -.337  | .039  | -.221 | -.480 | 3330 | 2630 | -.129  | .120  | -.261 | -.764 | 3330 | 2820 | -.177  | .088  | .195  | -1.546 |
| 3330 | 2513 | -.326  | .036  | -.215 | -.463 | 3330 | 2631 | -.080  | .053  | -.116 | -.289 | 3330 | 2821 | -.143  | .107  | .130  | -1.889 |
| 3330 | 2514 | -.327  | .038  | -.217 | -.522 | 3330 | 2632 | -.146  | .042  | -.010 | -.324 | 3330 | 2822 | -.108  | .071  | .391  | -1.240 |
| 3330 | 2515 | -.316  | .036  | -.210 | -.452 | 3330 | 2633 | -.073  | .046  | -.064 | -.284 | 3330 | 2823 | -.013  | .131  | .631  | -1.294 |
| 3330 | 2516 | -.350  | .040  | -.228 | -.510 | 3330 | 2634 | -.068  | .051  | -.229 | -.264 | 3330 | 2824 | -.133  | .148  | .205  | -1.769 |
| 3330 | 2517 | -.338  | .037  | -.213 | -.460 | 3330 | 2635 | -.077  | .076  | -.321 | -.390 | 3330 | 2825 | -.220  | .133  | .729  | -1.102 |
| 3330 | 2518 | -.341  | .037  | -.214 | -.475 | 3330 | 2701 | -.215  | .079  | -.495 | -.072 | 3330 | 2826 | -.243  | .136  | .757  | -1.087 |
| 3330 | 2519 | -.329  | .036  | -.197 | -.454 | 3330 | 2702 | -.159  | .075  | -.268 | -.427 | 3330 | 2827 | -.021  | .127  | .511  | -1.451 |
| 3330 | 2520 | -.399  | .075  | -.231 | -.934 | 3330 | 2703 | -.297  | .065  | -.087 | -.583 | 3330 | 2828 | -.202  | .093  | .554  | -1.213 |
| 3330 | 2521 | -.379  | .064  | -.230 | -.771 | 3330 | 2704 | -.103  | .092  | -.242 | -.501 | 3330 | 2829 | -.150  | .082  | .105  | -1.512 |
| 3330 | 2522 | -.358  | .054  | -.192 | -.717 | 3330 | 2705 | -.180  | .085  | -.648 | -.163 | 3330 | 2830 | -.134  | .063  | .115  | -1.506 |
| 3330 | 2523 | -.445  | .052  | -.192 | -.669 | 3330 | 2706 | -.168  | .091  | -.229 | -.707 | 3330 | 2831 | -.021  | .108  | .533  | -1.349 |
| 3330 | 2524 | -.411  | .100  | -.115 | -.881 | 3330 | 2707 | -.178  | .092  | -.197 | -.553 | 3330 | 2832 | -.105  | .131  | .237  | -1.638 |
| 3330 | 2525 | -.433  | .100  | -.111 | -.086 | 3330 | 2708 | -.116  | .130  | -.291 | -.600 | 3330 | 2833 | -.222  | .125  | .697  | -1.055 |
| 3330 | 2526 | -.445  | .094  | -.185 | -.935 | 3330 | 2709 | -.339  | .099  | -.027 | -.855 | 3330 | 2834 | -.237  | .127  | .685  | -1.082 |
| 3330 | 2527 | -.435  | .091  | -.178 | -.856 | 3330 | 2710 | -.322  | .069  | -.070 | -.665 | 3330 | 2835 | -.003  | .120  | .429  | -1.396 |
| 3330 | 2528 | -.459  | .085  | -.141 | -.756 | 3330 | 2711 | -.196  | .086  | -.542 | -.104 | 3330 | 2836 | -.169  | .079  | .547  | -1.116 |
| 3330 | 2529 | -.496  | .128  | -.195 | -.120 | 3330 | 2712 | -.202  | .094  | -.110 | -.710 | 3330 | 2837 | -.071  | .102  | .517  | -1.192 |
| 3330 | 2530 | -.345  | .082  | -.135 | -.874 | 3330 | 2713 | -.180  | .121  | -.239 | -.944 | 3330 | 2838 | -.220  | .125  | .712  | -1.189 |
| 3330 | 2531 | -.443  | .086  | -.094 | -.563 | 3330 | 2714 | -.295  | .148  | -.097 | -.015 | 3330 | 2839 | -.039  | .153  | .531  | -1.489 |
| 3330 | 2532 | -.443  | .101  | -.191 | -.941 | 3330 | 2715 | -.088  | .193  | -.564 | -.665 | 3330 | 2840 | -.193  | .071  | .524  | -1.030 |
| 3330 | 2601 | -.219  | .034  | -.111 | -.341 | 3330 | 2716 | -.154  | .094  | -.210 | -.736 | 3330 | 2841 | -.063  | .123  | .712  | -1.285 |
| 3330 | 2602 | -.169  | .037  | -.030 | -.301 | 3330 | 2717 | -.335  | .289  | -.554 | -.575 | 3330 | 2842 | -.157  | .110  | .635  | -1.194 |



## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER, COLORADO

| WD  | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  | WD  | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  | WD  | TAP  | CPNEAN | CPRMS | CPHAX | CPHIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 330 | 2843 | .025   | .113  | .339  | .426   | 345 | 207  | .724   | .116  | .310  | -.109  | 345 | 1215 | -.374  | .071  | -.149 | -.711  |
| 330 | 2844 | .131   | .064  | .351  | -.119  | 345 | 208  | -.838  | .208  | -.233 | -.1435 | 345 | 1216 | -.408  | .092  | -.084 | -.903  |
| 330 | 2845 | .057   | .099  | .563  | -.185  | 345 | 209  | -1.118 | .231  | -.331 | -2.097 | 345 | 1217 | -.545  | .152  | -.147 | -1.422 |
| 330 | 2846 | .168   | .106  | .697  | -.167  | 345 | 210  | -.589  | .088  | -.361 | -.971  | 345 | 1218 | -.640  | .184  | -.086 | -1.522 |
| 330 | 2847 | .027   | .085  | .337  | -.267  | 345 | 211  | -.312  | .044  | -.164 | -.510  | 345 | 1219 | -.372  | .073  | -.133 | -.767  |
| 330 | 2848 | -.063  | .088  | .334  | -.324  | 345 | 212  | -.260  | .037  | -.123 | -.376  | 345 | 1220 | -.364  | .082  | -.039 | -.881  |
| 330 | 2849 | .032   | .125  | .466  | -.605  | 345 | 1101 | -.405  | .076  | -.182 | -.808  | 345 | 1221 | -.405  | .103  | -.056 | -.852  |
| 330 | 2850 | -.208  | .095  | .346  | -.593  | 345 | 1102 | -.406  | .078  | -.181 | -.881  | 345 | 1222 | -.431  | .120  | -.065 | -.939  |
| 330 | 2851 | .100   | .034  | .117  | -.303  | 345 | 1103 | -.424  | .082  | -.128 | -.790  | 345 | 1223 | -.531  | .180  | -.081 | -1.447 |
| 330 | 2852 | .100   | .054  | .117  | -.303  | 345 | 1104 | -.423  | .088  | -.145 | -.884  | 345 | 1224 | -.353  | .068  | -.135 | -.636  |
| 330 | 2853 | .106   | .048  | .138  | -.280  | 345 | 1105 | -.399  | .073  | -.147 | -.715  | 345 | 1225 | -.377  | .066  | -.123 | -.642  |
| 330 | 2854 | .041   | .071  | .331  | -.250  | 345 | 1106 | -.380  | .064  | -.169 | -.621  | 345 | 1226 | -.387  | .071  | -.146 | -.707  |
| 330 | 2855 | .051   | .081  | .442  | -.177  | 345 | 1107 | -.417  | .079  | -.183 | -.710  | 345 | 1227 | -.403  | .083  | -.102 | -.763  |
| 330 | 2856 | .145   | .086  | .466  | -.064  | 345 | 1108 | -.381  | .059  | -.175 | -.609  | 345 | 1228 | -.469  | .120  | -.161 | -1.228 |
| 330 | 2857 | .151   | .034  | .514  | -.132  | 345 | 1109 | -.407  | .085  | -.192 | -.798  | 345 | 1229 | -.357  | .066  | -.104 | -.623  |
| 330 | 2858 | -.290  | .036  | .110  | -.551  | 345 | 1110 | -.367  | .054  | -.193 | -.650  | 345 | 1230 | -.373  | .068  | -.115 | -.709  |
| 330 | 2859 | -.235  | .036  | .037  | -.509  | 345 | 1111 | -.382  | .057  | -.220 | -.755  | 345 | 1231 | -.384  | .068  | -.097 | -.727  |
| 330 | 2860 | -.252  | .098  | .015  | -.058  | 345 | 1112 | -.377  | .061  | -.199 | -.803  | 345 | 1232 | -.405  | .076  | -.169 | -.809  |
| 330 | 2861 | -.284  | .107  | .016  | -.878  | 345 | 1113 | -.393  | .073  | -.208 | -.865  | 345 | 1233 | -.407  | .070  | -.195 | -.763  |
| 330 | 2862 | -.287  | .091  | .005  | -.942  | 345 | 1114 | -.369  | .057  | -.214 | -.694  | 345 | 1234 | -.390  | .080  | -.127 | -.721  |
| 330 | 2863 | .311   | .082  | .039  | -.688  | 345 | 1115 | -.384  | .057  | -.210 | -.700  | 345 | 1235 | -.355  | .086  | -.033 | -.670  |
| 330 | 2864 | .308   | .057  | .126  | -.519  | 345 | 1116 | -.377  | .059  | -.201 | -.700  | 345 | 1236 | -.368  | .072  | -.144 | -.673  |
| 330 | 2865 | .304   | .064  | .088  | -.693  | 345 | 1117 | -.384  | .067  | -.197 | -.784  | 345 | 1237 | -.385  | .078  | -.134 | -.787  |
| 330 | 2866 | .254   | .037  | .010  | -.426  | 345 | 1118 | -.399  | .056  | -.197 | -.785  | 345 | 1238 | -.356  | .067  | -.145 | -.661  |
| 330 | 2867 | .316   | .069  | .075  | -.631  | 345 | 1119 | -.377  | .073  | -.193 | -.891  | 345 | 1239 | -.371  | .064  | -.105 | -.608  |
| 330 | 2868 | .201   | .067  | .104  | -.468  | 345 | 1120 | -.382  | .082  | -.187 | -.793  | 345 | 1240 | -.354  | .083  | -.108 | -.637  |
| 330 | 2869 | .150   | .054  | .112  | -.345  | 345 | 1121 | -.412  | .088  | -.167 | -.083  | 345 | 1241 | -.390  | .063  | -.160 | -.615  |
| 330 | 2870 | .160   | .059  | .081  | -.384  | 345 | 1122 | -.329  | .056  | -.077 | -.534  | 345 | 1242 | -.368  | .062  | -.112 | -.604  |
| 330 | 2871 | .188   | .049  | .003  | -.361  | 345 | 1123 | -.310  | .051  | -.123 | -.548  | 345 | 1301 | -.489  | .133  | -.038 | -1.016 |
| 330 | 2872 | .164   | .051  | .015  | -.359  | 345 | 1124 | -.311  | .054  | -.130 | -.579  | 345 | 1302 | -.399  | .196  | -.108 | -1.184 |
| 330 | 2873 | .131   | .066  | .114  | -.413  | 345 | 1125 | -.343  | .070  | -.120 | -.885  | 345 | 1303 | -.963  | .222  | -.265 | -1.808 |
| 330 | 2874 | .275   | .075  | .042  | -.712  | 345 | 1126 | -.304  | .058  | -.106 | -.376  | 345 | 1304 | -.124  | .288  | -.347 | -2.524 |
| 345 | 101  | -.302  | .082  | -.024 | -.590  | 345 | 1127 | -.362  | .047  | -.162 | -.521  | 345 | 1305 | -.633  | .241  | -.184 | -1.311 |
| 345 | 102  | -.426  | .106  | -.116 | -.901  | 345 | 1128 | -.294  | .047  | -.110 | -.510  | 345 | 1306 | -.442  | .223  | -.139 | -1.324 |
| 345 | 103  | -.604  | .152  | -.116 | -1.139 | 345 | 1129 | -.306  | .054  | -.064 | -.495  | 345 | 1307 | -.091  | .248  | -.165 | -2.006 |
| 345 | 104  | -.904  | .148  | -.312 | -1.404 | 345 | 1130 | -.301  | .056  | -.099 | -.510  | 345 | 1308 | -.529  | .155  | -.152 | -1.276 |
| 345 | 105  | -.787  | .127  | -.410 | -1.421 | 345 | 1201 | -.429  | .082  | -.200 | -.891  | 345 | 1309 | -.052  | .240  | -.315 | -2.155 |
| 345 | 106  | -.746  | .123  | -.383 | -1.370 | 345 | 1202 | -.420  | .105  | -.122 | -.030  | 345 | 1310 | -.705  | .218  | -.070 | -1.684 |
| 345 | 107  | -.576  | .133  | -.099 | -1.105 | 345 | 1203 | -.432  | .104  | -.126 | -.898  | 345 | 1311 | -.838  | .241  | -.177 | -1.679 |
| 345 | 108  | -.456  | .115  | -.089 | -1.021 | 345 | 1204 | -.487  | .123  | -.116 | -.980  | 345 | 1312 | -.882  | .227  | -.254 | -1.813 |
| 345 | 109  | -.334  | .086  | -.085 | -.685  | 345 | 1205 | -.584  | .156  | -.191 | -1.200 | 345 | 1313 | -.879  | .230  | -.322 | -2.084 |
| 345 | 110  | -.432  | .101  | -.108 | -.638  | 345 | 1206 | -.747  | .217  | -.144 | -.850  | 345 | 1314 | -.661  | .230  | -.053 | -1.946 |
| 345 | 111  | -.667  | .126  | -.157 | -1.158 | 345 | 1207 | -.394  | .078  | -.144 | -.753  | 345 | 1315 | -.745  | .303  | -.363 | -1.846 |
| 345 | 112  | -.858  | .150  | -.259 | -1.359 | 345 | 1208 | -.738  | .217  | -.176 | -1.707 | 345 | 1316 | -.844  | .293  | -.014 | -2.134 |
| 345 | 201  | -.839  | .107  | -.251 | -1.289 | 345 | 1209 | -.399  | .069  | -.188 | -.734  | 345 | 1317 | -.900  | .265  | -.274 | -2.077 |
| 345 | 202  | -.350  | .091  | -.121 | -.832  | 345 | 1210 | -.398  | .084  | -.103 | -.791  | 345 | 1318 | -.497  | .220  | -.276 | -1.398 |
| 345 | 203  | -.324  | .079  | -.094 | -.754  | 345 | 1211 | -.458  | .112  | -.073 | -.971  | 345 | 1319 | -.534  | .282  | -.251 | -1.681 |
| 345 | 204  | -.207  | .036  | -.018 | -.402  | 345 | 1212 | -.524  | .141  | -.104 | -.387  | 345 | 1320 | -.619  | .290  | -.257 | -2.077 |
| 345 | 205  | -.218  | .041  | -.092 | -.436  | 345 | 1213 | -.629  | .170  | -.123 | -.325  | 345 | 1321 | -.705  | .267  | -.324 | -2.041 |
| 345 | 206  | -.253  | .124  | -.002 | -.647  | 345 | 1214 | -.377  | .063  | -.060 | -.659  | 345 | 1322 | -.436  | .110  | -.026 | -.923  |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 345 | 1323 | 434    | 163   | 258   | -1.054 | 345 | 1506 | 382    | 123   | 103   | -902   | 345 | 1624 | 463    | 96    | 216   | -1.092 |
| 345 | 1324 | 593    | 274   | 361   | -1.716 | 345 | 1507 | 403    | 079   | 174   | -820   | 345 | 1625 | 446    | 090   | 199   | -938   |
| 345 | 1325 | 664    | 307   | 324   | -2.236 | 345 | 1508 | 853    | 182   | 343   | -1.931 | 345 | 1626 | 450    | 093   | 154   | -933   |
| 345 | 1326 | 443    | 154   | 046   | -1.201 | 345 | 1509 | 335    | 131   | 018   | -865   | 345 | 1627 | 398    | 089   | 112   | -839   |
| 345 | 1327 | 417    | 151   | 112   | -1.901 | 345 | 1510 | 048    | 174   | 489   | -1.769 | 345 | 1628 | 383    | 097   | 078   | -828   |
| 345 | 1328 | 405    | 175   | 211   | -1.093 | 345 | 1511 | 368    | 073   | 174   | -778   | 345 | 1629 | 420    | 082   | 210   | -797   |
| 345 | 1329 | 505    | 238   | 227   | -1.695 | 345 | 1512 | 028    | 187   | 438   | -1.893 | 345 | 1630 | 313    | 071   | 114   | -709   |
| 345 | 1330 | 338    | 169   | 656   | -1.495 | 345 | 1513 | 704    | 250   | 185   | -1.360 | 345 | 1631 | 320    | 076   | 048   | -681   |
| 345 | 1331 | 285    | 190   | 409   | -1.088 | 345 | 1514 | 401    | 202   | 009   | -1.254 | 345 | 1632 | 258    | 074   | 107   | -596   |
| 345 | 1332 | 051    | 107   | 394   | -1.530 | 345 | 1515 | 357    | 060   | 187   | -727   | 345 | 1633 | 269    | 065   | 051   | -541   |
| 345 | 1401 | 267    | 187   | 837   | -1.508 | 345 | 1516 | 986    | 202   | 296   | -1.904 | 345 | 1634 | 258    | 062   | 042   | -486   |
| 345 | 1402 | 221    | 141   | 754   | -1.406 | 345 | 1517 | 574    | 235   | 108   | -1.336 | 345 | 1635 | 247    | 060   | 044   | -480   |
| 345 | 1403 | 139    | 117   | 576   | -1.323 | 345 | 1518 | 313    | 174   | 077   | -1.056 | 345 | 1701 | 342    | 055   | 576   | -145   |
| 345 | 1404 | 110    | 103   | 506   | -1.250 | 345 | 1519 | 329    | 049   | 192   | -1.624 | 345 | 1702 | 383    | 056   | 226   | -685   |
| 345 | 1405 | 048    | 089   | 353   | -1.336 | 345 | 1520 | 825    | 238   | 105   | -1.655 | 345 | 1703 | 356    | 062   | 117   | -629   |
| 345 | 1406 | 167    | 068   | 123   | -1.413 | 345 | 1521 | 419    | 178   | 104   | -1.227 | 345 | 1704 | 360    | 074   | 083   | -826   |
| 345 | 1407 | 366    | 206   | 978   | -1.481 | 345 | 1522 | 247    | 126   | 022   | -951   | 345 | 1705 | 359    | 089   | 834   | -018   |
| 345 | 1408 | 083    | 056   | 131   | -1.273 | 345 | 1523 | 328    | 050   | 176   | -1.568 | 345 | 1706 | 360    | 103   | 018   | -846   |
| 345 | 1409 | 347    | 176   | 899   | -1.284 | 345 | 1524 | 687    | 194   | 062   | -1.506 | 345 | 1707 | 361    | 093   | 030   | -906   |
| 345 | 1410 | 374    | 171   | 064   | -1.086 | 345 | 1525 | 365    | 156   | 071   | -1.086 | 345 | 1708 | 437    | 101   | 066   | -924   |
| 345 | 1411 | 469    | 125   | 854   | -1.096 | 345 | 1526 | 220    | 095   | 145   | -814   | 345 | 1709 | 476    | 109   | 164   | -936   |
| 345 | 1412 | 315    | 101   | 696   | -1.078 | 345 | 1527 | 332    | 074   | 068   | -670   | 345 | 1710 | 409    | 101   | 068   | -786   |
| 345 | 1413 | 088    | 079   | 167   | -1.339 | 345 | 1528 | 426    | 106   | 082   | -925   | 345 | 1711 | 332    | 065   | 689   | -063   |
| 345 | 1414 | 233    | 192   | 961   | -1.490 | 345 | 1529 | 306    | 074   | 097   | -642   | 345 | 1712 | 311    | 078   | 041   | -701   |
| 345 | 1415 | 460    | 183   | 040   | -1.311 | 345 | 1530 | 376    | 108   | 046   | -834   | 345 | 1713 | 317    | 083   | 023   | -693   |
| 345 | 1416 | 473    | 159   | 979   | -1.147 | 345 | 1531 | 219    | 090   | 059   | -666   | 345 | 1714 | 343    | 082   | 018   | -683   |
| 345 | 1417 | 276    | 163   | 699   | -1.312 | 345 | 1532 | 266    | 084   | 098   | -616   | 345 | 1715 | 579    | 120   | 050   | -263   |
| 345 | 1418 | 093    | 085   | 207   | -1.538 | 345 | 1601 | 452    | 082   | 190   | -777   | 345 | 1716 | 316    | 051   | 106   | -498   |
| 345 | 1419 | 057    | 219   | 782   | -1.574 | 345 | 1602 | 434    | 082   | 147   | -876   | 345 | 1717 | 287    | 052   | 074   | -514   |
| 345 | 1420 | 276    | 208   | 934   | -1.525 | 345 | 1603 | 410    | 079   | 163   | -789   | 345 | 1718 | 300    | 054   | 073   | -571   |
| 345 | 1421 | 282    | 151   | 703   | -1.315 | 345 | 1604 | 402    | 075   | 182   | -750   | 345 | 1719 | 299    | 057   | 060   | -540   |
| 345 | 1422 | 189    | 122   | 581   | -1.353 | 345 | 1605 | 388    | 074   | 172   | -766   | 345 | 1720 | 265    | 083   | 651   | -075   |
| 345 | 1423 | 121    | 093   | 292   | -1.447 | 345 | 1606 | 279    | 065   | 090   | -654   | 345 | 1721 | 235    | 098   | 143   | -784   |
| 345 | 1424 | 047    | 154   | 699   | -1.418 | 345 | 1607 | 402    | 065   | 192   | -681   | 345 | 1722 | 243    | 096   | 066   | -810   |
| 345 | 1425 | 170    | 168   | 818   | -1.384 | 345 | 1608 | 391    | 059   | 180   | -734   | 345 | 1723 | 289    | 090   | 021   | -671   |
| 345 | 1426 | 136    | 156   | 788   | -1.336 | 345 | 1609 | 373    | 053   | 212   | -598   | 345 | 1724 | 488    | 110   | 952   | -190   |
| 345 | 1427 | 090    | 061   | 122   | -1.577 | 345 | 1610 | 371    | 053   | 163   | -662   | 345 | 1725 | 526    | 119   | 226   | -1171  |
| 345 | 1428 | 260    | 071   | 005   | -1.577 | 345 | 1611 | 366    | 052   | 203   | -648   | 345 | 1801 | 318    | 050   | 140   | -529   |
| 345 | 1429 | 075    | 126   | 579   | -1.248 | 345 | 1612 | 372    | 051   | 231   | -632   | 345 | 1802 | 317    | 050   | 150   | -609   |
| 345 | 1430 | 208    | 066   | 017   | -1.483 | 345 | 1613 | 376    | 056   | 234   | -665   | 345 | 1803 | 307    | 057   | 664   | -131   |
| 345 | 1431 | 137    | 119   | 624   | -1.187 | 345 | 1614 | 363    | 047   | 222   | -632   | 345 | 1804 | 285    | 055   | 106   | -530   |
| 345 | 1432 | 194    | 128   | 696   | -1.154 | 345 | 1615 | 352    | 048   | 207   | -582   | 345 | 1805 | 272    | 074   | 007   | -709   |
| 345 | 1433 | 144    | 118   | 589   | -1.184 | 345 | 1616 | 358    | 049   | 194   | -621   | 345 | 1806 | 296    | 092   | 018   | -860   |
| 345 | 1434 | 006    | 086   | 300   | -1.293 | 345 | 1617 | 358    | 052   | 212   | -665   | 345 | 1807 | 309    | 097   | 031   | -007   |
| 345 | 1435 | 047    | 084   | 344   | -1.246 | 345 | 1618 | 374    | 061   | 227   | -920   | 345 | 1808 | 373    | 108   | 154   | -1280  |
| 345 | 1501 | 006    | 186   | 428   | -1.846 | 345 | 1619 | 364    | 056   | 231   | -676   | 345 | 1809 | 412    | 091   | 187   | -1093  |
| 345 | 1502 | 862    | 153   | 374   | -1.406 | 345 | 1620 | 369    | 058   | 225   | -643   | 345 | 1810 | 367    | 071   | 145   | -676   |
| 345 | 1503 | 795    | 147   | 315   | -1.300 | 345 | 1621 | 375    | 069   | 214   | -782   | 345 | 1811 | 303    | 062   | 633   | -134   |
| 345 | 1504 | 724    | 147   | 067   | -1.366 | 345 | 1622 | 390    | 064   | 224   | -825   | 345 | 1812 | 282    | 050   | 118   | -496   |
| 345 | 1505 | 682    | 186   | 117   | -1.294 | 345 | 1623 | 400    | 077   | 216   | -806   | 345 | 1813 | 259    | 051   | 084   | -552   |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD   | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN | WD  | TAP   | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|------|------|--------|-------|-------|-------|-----|-------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 1814 | 1814 | .275   | .063  | .069  | .630  | 345 | 1863  | .310   | .057  | .116  | .533   | 345 | 2210 | -1.001 | .216  | .084  | -1.850 |
| 1815 | 1815 | .275   | .063  | .069  | .630  | 345 | 1864  | .258   | .067  | .067  | .557   | 345 | 2211 | .512   | .245  | .047  | -1.283 |
| 1816 | 1816 | .378   | .070  | .166  | .726  | 345 | 1865  | .227   | .063  | .083  | .421   | 345 | 2212 | .388   | .150  | .194  | -1.140 |
| 1817 | 1817 | .409   | .065  | .236  | .686  | 345 | 1866  | .294   | .055  | .080  | .535   | 345 | 2213 | .437   | .086  | .183  | -.916  |
| 1818 | 1818 | .342   | .062  | .143  | .590  | 345 | 1867  | .280   | .057  | .057  | .491   | 345 | 2214 | .937   | .150  | .333  | -1.497 |
| 1819 | 1819 | .301   | .068  | .610  | .695  | 345 | 1868  | .222   | .073  | .055  | .514   | 345 | 2215 | .926   | .195  | .072  | -1.699 |
| 1820 | 1820 | .287   | .056  | .118  | .599  | 345 | 1869  | .192   | .069  | .140  | .481   | 345 | 2216 | .785   | .255  | .032  | -1.554 |
| 1821 | 1821 | .280   | .051  | .115  | .454  | 345 | 1870  | .206   | .066  | .103  | .404   | 345 | 2217 | .513   | .189  | .028  | -1.187 |
| 1822 | 1822 | .277   | .058  | .553  | .630  | 345 | 1871  | .245   | .049  | .015  | .440   | 345 | 2218 | .494   | .116  | .208  | -1.031 |
| 1823 | 1823 | .315   | .054  | .071  | .630  | 345 | 1872  | .279   | .057  | .070  | .504   | 345 | 2219 | .021   | .198  | .526  | -1.847 |
| 1824 | 1824 | .368   | .063  | .630  | .630  | 345 | 1873  | .286   | .060  | .043  | .539   | 345 | 2220 | .927   | .206  | .299  | -1.691 |
| 1825 | 1825 | .394   | .057  | .219  | .630  | 345 | 2101  | .295   | .144  | .802  | .144   | 345 | 2221 | .502   | .125  | .080  | -1.104 |
| 1826 | 1826 | .308   | .059  | .178  | .630  | 345 | 2102  | .082   | .121  | .546  | .257   | 345 | 2222 | .440   | .075  | .153  | -.874  |
| 1827 | 1827 | .308   | .069  | .122  | .630  | 345 | 2103  | .086   | .121  | .540  | .263   | 345 | 2223 | .479   | .079  | .233  | -.795  |
| 1828 | 1828 | .259   | .060  | .535  | .630  | 345 | 2104  | .171   | .095  | .186  | .457   | 345 | 2224 | .070   | .272  | .382  | -2.267 |
| 1829 | 1829 | .259   | .053  | .014  | .447  | 345 | 2105  | .491   | .189  | .210  | -1.043 | 345 | 2225 | .498   | .118  | .204  | -1.074 |
| 1830 | 1830 | .286   | .062  | .021  | .601  | 345 | 2106  | .298   | .143  | .733  | .210   | 345 | 2226 | .451   | .080  | .212  | -.810  |
| 1831 | 1831 | .315   | .059  | .092  | .588  | 345 | 2107  | .087   | .116  | .505  | .352   | 345 | 2227 | .450   | .088  | .148  | -.783  |
| 1832 | 1832 | .364   | .066  | .701  | .588  | 345 | 2108  | .368   | .169  | .070  | .157   | 345 | 2228 | .504   | .094  | .212  | -.820  |
| 1833 | 1833 | .364   | .066  | .701  | .588  | 345 | 2109  | .263   | .097  | .154  | .694   | 345 | 2229 | .472   | .111  | .113  | -1.066 |
| 1834 | 1834 | .379   | .064  | .190  | .620  | 345 | 2110  | .394   | .166  | .101  | .039   | 345 | 2230 | .406   | .073  | .123  | -.671  |
| 1835 | 1835 | .305   | .059  | .065  | .411  | 345 | 2111  | .402   | .148  | .968  | .028   | 345 | 2231 | .444   | .079  | .192  | -.813  |
| 1836 | 1836 | .272   | .054  | .492  | .116  | 345 | 2112  | .313   | .121  | .798  | .039   | 345 | 2232 | .463   | .088  | .160  | -.868  |
| 1837 | 1837 | .282   | .054  | .098  | .602  | 345 | 2113  | .278   | .086  | .161  | .544   | 345 | 2233 | .454   | .091  | .019  | -.818  |
| 1838 | 1838 | .377   | .056  | .173  | .601  | 345 | 2114  | .323   | .167  | .069  | .087   | 345 | 2234 | .440   | .100  | .043  | -.771  |
| 1839 | 1839 | .306   | .076  | .104  | .678  | 345 | 2115  | .330   | .143  | .874  | .059   | 345 | 2235 | .383   | .070  | .122  | -.756  |
| 1840 | 1840 | .218   | .059  | .496  | .011  | 345 | 2116  | .250   | .122  | .723  | .082   | 345 | 2236 | .367   | .064  | .033  | -.695  |
| 1841 | 1841 | .357   | .073  | .060  | .740  | 345 | 2117  | .285   | .088  | .186  | .595   | 345 | 2237 | .433   | .076  | .140  | -.733  |
| 1842 | 1842 | .429   | .084  | .206  | .640  | 345 | 2118  | .422   | .171  | .971  | .130   | 345 | 2238 | .416   | .084  | .017  | -.862  |
| 1843 | 1843 | .269   | .057  | .101  | .584  | 345 | 2119  | .254   | .147  | .841  | .136   | 345 | 2239 | .420   | .100  | .094  | -.710  |
| 1844 | 1844 | .211   | .054  | .410  | .009  | 345 | 2120  | .179   | .123  | .684  | .171   | 345 | 2240 | .377   | .069  | .131  | -.630  |
| 1845 | 1845 | .333   | .070  | .106  | .641  | 345 | 2121  | .358   | .087  | .030  | .633   | 345 | 2241 | .450   | .066  | .218  | -.703  |
| 1846 | 1846 | .361   | .061  | .168  | .629  | 345 | 2122  | .195   | .169  | .810  | .276   | 345 | 2242 | .414   | .090  | .031  | -.706  |
| 1847 | 1847 | .282   | .059  | .115  | .547  | 345 | 2123  | .120   | .160  | .711  | .238   | 345 | 2301 | .516   | .108  | .322  | -1.389 |
| 1848 | 1848 | .240   | .058  | .472  | .614  | 345 | 2124  | .049   | .135  | .599  | .363   | 345 | 2302 | .497   | .087  | .313  | -.962  |
| 1849 | 1849 | .294   | .069  | .046  | .611  | 345 | 2125  | .372   | .097  | .038  | .746   | 345 | 2303 | .479   | .087  | .280  | -.955  |
| 1850 | 1850 | .292   | .069  | .037  | .620  | 345 | 2126  | .166   | .144  | .708  | .224   | 345 | 2304 | .478   | .090  | .227  | -1.073 |
| 1851 | 1851 | .126   | .050  | .064  | .337  | 345 | 2127  | .141   | .148  | .634  | .244   | 345 | 2305 | .651   | .110  | .362  | -1.142 |
| 1852 | 1852 | .126   | .050  | .064  | .337  | 345 | 2128  | .154   | .154  | .490  | .477   | 345 | 2306 | .516   | .089  | .289  | -.974  |
| 1853 | 1853 | .155   | .063  | .075  | .447  | 345 | 2129  | .253   | .096  | .083  | .607   | 345 | 2307 | .484   | .083  | .280  | -.960  |
| 1854 | 1854 | .181   | .055  | .065  | .351  | 345 | 2130  | .121   | .116  | .628  | .171   | 345 | 2308 | .488   | .084  | .280  | -1.016 |
| 1855 | 1855 | .248   | .061  | .045  | .472  | 345 | 22201 | .266   | .250  | .517  | -1.948 | 345 | 2309 | .503   | .086  | .302  | -.986  |
| 1856 | 1856 | .269   | .052  | .032  | .501  | 345 | 22202 | .393   | .161  | .123  | -1.300 | 345 | 2310 | .513   | .102  | .291  | -1.160 |
| 1857 | 1857 | .243   | .046  | .077  | .433  | 345 | 22203 | .353   | .081  | .087  | .781   | 345 | 2311 | .511   | .099  | .273  | -1.129 |
| 1858 | 1858 | .272   | .081  | .053  | .727  | 345 | 22204 | .288   | .053  | .087  | .599   | 345 | 2312 | .493   | .096  | .211  | -.993  |
| 1859 | 1859 | .182   | .120  | .314  | .821  | 345 | 22205 | .302   | .046  | .096  | .526   | 345 | 2313 | .546   | .118  | .259  | -1.157 |
| 1860 | 1860 | .000   | .000  | .000  | .000  | 345 | 22206 | .351   | .051  | .164  | .575   | 345 | 2314 | .557   | .117  | .258  | -1.143 |
| 1861 | 1861 | .157   | .109  | .287  | .517  | 345 | 22207 | .220   | .270  | .517  | -2.059 | 345 | 2315 | .534   | .109  | .230  | -1.329 |
| 1862 | 1862 | .244   | .089  | .226  | .647  | 345 | 22208 | .392   | .062  | .210  | .850   | 345 | 2316 | .501   | .095  | .223  | -.888  |
| 1863 | 1863 | .301   | .064  | .043  | .635  | 345 | 22209 | .006   | .154  | .397  | -1.570 | 345 | 2317 | .525   | .101  | .262  | -1.121 |

## APPENDIX A -- PRESSURE DATA:

## ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  | WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN  |
|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|-----|------|--------|-------|-------|--------|
| 345 | 2318 | -.555  | .105  | -.284 | -1.100 | 345 | 2501 | -.445  | .059  | -.265 | -.701  | 345 | 2619 | -.297  | .046  | -.097 | -.522  |
| 345 | 2319 | -.562  | .107  | -.280 | -1.271 | 345 | 2502 | -.437  | .057  | -.255 | -.688  | 345 | 2620 | -.139  | .051  | -.096 | -.306  |
| 345 | 2320 | -.564  | .096  | -.294 | -.962  | 345 | 2503 | -.481  | .072  | -.239 | -.790  | 345 | 2621 | -.031  | .072  | .306  | -.182  |
| 345 | 2321 | -.567  | .095  | -.314 | -1.183 | 345 | 2504 | -.518  | .077  | -.238 | -.832  | 345 | 2622 | -.115  | .087  | .419  | -.119  |
| 345 | 2322 | -.566  | .137  | -.263 | -1.656 | 345 | 2505 | -.464  | .064  | -.279 | -.705  | 345 | 2623 | -.141  | .189  | .661  | -.651  |
| 345 | 2323 | -.564  | .118  | -.213 | -1.267 | 345 | 2506 | -.428  | .053  | -.240 | -.607  | 345 | 2624 | -.357  | .068  | -.081 | -.610  |
| 345 | 2324 | -.461  | .095  | -.187 | -.898  | 345 | 2507 | -.416  | .052  | -.253 | -.604  | 345 | 2625 | -.164  | .058  | .092  | -.339  |
| 345 | 2325 | -.466  | .091  | -.230 | -.986  | 345 | 2508 | -.445  | .055  | -.271 | -.683  | 345 | 2626 | -.077  | .059  | .206  | -.305  |
| 345 | 2326 | -.501  | .106  | -.196 | -1.007 | 345 | 2509 | -.431  | .052  | -.272 | -.598  | 345 | 2627 | -.002  | .077  | .273  | -.403  |
| 345 | 2327 | -.375  | .081  | -.039 | -.718  | 345 | 2510 | -.444  | .053  | -.265 | -.669  | 345 | 2628 | -.049  | .155  | .402  | -.741  |
| 345 | 2328 | -.352  | .066  | -.121 | -.625  | 345 | 2511 | -.415  | .049  | -.251 | -.584  | 345 | 2629 | -.306  | .077  | .017  | -.618  |
| 345 | 2329 | -.407  | .078  | -.137 | -.823  | 345 | 2512 | -.456  | .055  | -.311 | -.668  | 345 | 2630 | -.099  | .126  | .220  | -.639  |
| 345 | 2330 | -.336  | .063  | -.100 | -.523  | 345 | 2513 | -.438  | .050  | -.286 | -.640  | 345 | 2631 | -.078  | .051  | .159  | -.253  |
| 345 | 2331 | -.362  | .072  | -.133 | -.602  | 345 | 2514 | -.428  | .050  | -.267 | -.646  | 345 | 2632 | -.115  | .060  | .099  | -.276  |
| 345 | 2332 | -.297  | .056  | -.078 | -.497  | 345 | 2515 | -.415  | .049  | -.266 | -.594  | 345 | 2633 | -.041  | .058  | .242  | -.229  |
| 345 | 2401 | -.452  | .067  | -.286 | -.758  | 345 | 2516 | -.466  | .062  | -.288 | -.805  | 345 | 2634 | -.033  | .063  | .270  | -.280  |
| 345 | 2402 | -.414  | .057  | -.236 | -.628  | 345 | 2517 | -.446  | .055  | -.296 | -.757  | 345 | 2635 | -.053  | .087  | .266  | -.403  |
| 345 | 2403 | -.421  | .053  | -.239 | -.631  | 345 | 2518 | -.437  | .055  | -.272 | -.671  | 345 | 2701 | -.361  | .058  | .583  | -.169  |
| 345 | 2404 | -.408  | .051  | -.256 | -.621  | 345 | 2519 | -.424  | .054  | -.263 | -.636  | 345 | 2702 | -.264  | .072  | .039  | -.506  |
| 345 | 2405 | -.442  | .052  | -.283 | -.638  | 345 | 2520 | -.513  | .084  | -.281 | -1.209 | 345 | 2703 | -.361  | .057  | -.181 | -.598  |
| 345 | 2406 | -.425  | .052  | -.263 | -.637  | 345 | 2521 | -.492  | .072  | -.291 | -.909  | 345 | 2704 | -.237  | .096  | .176  | -.525  |
| 345 | 2407 | -.443  | .067  | -.266 | -.723  | 345 | 2522 | -.494  | .068  | -.315 | -.840  | 345 | 2705 | -.355  | .089  | .693  | -.040  |
| 345 | 2408 | -.374  | .044  | -.249 | -.550  | 345 | 2523 | -.478  | .065  | -.303 | -.773  | 345 | 2706 | -.244  | .109  | .228  | -.658  |
| 345 | 2409 | -.473  | .076  | -.283 | -.842  | 345 | 2524 | -.843  | .120  | -.187 | -1.080 | 345 | 2707 | -.205  | .110  | .349  | -.555  |
| 345 | 2410 | -.427  | .061  | -.189 | -.683  | 345 | 2525 | -.573  | .120  | -.187 | -1.086 | 345 | 2708 | -.224  | .108  | .181  | -.716  |
| 345 | 2411 | -.432  | .053  | -.259 | -.645  | 345 | 2526 | -.593  | .113  | -.285 | -1.330 | 345 | 2709 | -.385  | .103  | .055  | -.842  |
| 345 | 2412 | -.419  | .052  | -.265 | -.618  | 345 | 2527 | -.605  | .110  | -.316 | -1.484 | 345 | 2710 | -.360  | .076  | .098  | -.665  |
| 345 | 2413 | -.459  | .051  | -.298 | -.682  | 345 | 2528 | -.407  | .091  | -.180 | -.767  | 345 | 2711 | -.302  | .090  | .661  | -.007  |
| 345 | 2414 | -.459  | .069  | -.222 | -.752  | 345 | 2529 | -.736  | .152  | -.344 | -1.315 | 345 | 2712 | -.390  | .096  | .012  | -.803  |
| 345 | 2415 | -.452  | .053  | -.256 | -.660  | 345 | 2530 | -.417  | .083  | -.156 | -.738  | 345 | 2713 | -.159  | .162  | .477  | -.716  |
| 345 | 2416 | -.434  | .048  | -.296 | -.640  | 345 | 2531 | -.253  | .079  | -.032 | -.624  | 345 | 2714 | -.345  | .134  | .040  | -.013  |
| 345 | 2417 | -.465  | .052  | -.252 | -.758  | 345 | 2532 | -.587  | .097  | -.309 | -1.025 | 345 | 2715 | -.262  | .198  | .910  | -.616  |
| 345 | 2418 | -.445  | .055  | -.220 | -.795  | 345 | 2601 | -.266  | .046  | -.115 | -.436  | 345 | 2716 | -.208  | .087  | .169  | -.511  |
| 345 | 2419 | -.528  | .091  | -.300 | -.061  | 345 | 2602 | -.194  | .054  | -.007 | -.401  | 345 | 2717 | -.346  | .318  | .543  | -.1539 |
| 345 | 2420 | -.487  | .074  | -.291 | -.827  | 345 | 2603 | -.167  | .060  | -.025 | -.393  | 345 | 2718 | -.466  | .280  | .374  | -.1527 |
| 345 | 2421 | -.504  | .067  | -.312 | -.839  | 345 | 2604 | -.193  | .066  | -.033 | -.460  | 345 | 2719 | -.614  | .256  | .204  | -.654  |
| 345 | 2422 | -.479  | .066  | -.294 | -.776  | 345 | 2605 | -.170  | .071  | -.062 | -.433  | 345 | 2720 | -.408  | .085  | .748  | -.082  |
| 345 | 2423 | -.491  | .069  | -.292 | -.800  | 345 | 2606 | -.058  | .140  | -.258 | -.840  | 345 | 2721 | -.461  | .168  | .123  | -.331  |
| 345 | 2424 | -.539  | .143  | -.213 | -.213  | 345 | 2607 | -.243  | .038  | -.114 | -.437  | 345 | 2722 | -.450  | .169  | .080  | -.1205 |
| 345 | 2425 | -.518  | .096  | -.259 | -.020  | 345 | 2608 | -.103  | .241  | -.645 | -.696  | 345 | 2723 | -.428  | .130  | .045  | -.985  |
| 345 | 2426 | -.478  | .090  | -.222 | -.916  | 345 | 2609 | -.265  | .038  | -.135 | -.411  | 345 | 2724 | -.582  | .198  | .525  | -.095  |
| 345 | 2427 | -.484  | .094  | -.239 | -.928  | 345 | 2610 | -.080  | .051  | -.104 | -.213  | 345 | 2725 | -.429  | .194  | .260  | -.1237 |
| 345 | 2428 | -.480  | .102  | -.223 | -.161  | 345 | 2611 | -.112  | .078  | -.350 | -.094  | 345 | 2801 | -.140  | .144  | .683  | -.178  |
| 345 | 2429 | -.542  | .149  | -.204 | -.277  | 345 | 2612 | -.190  | .096  | -.488 | -.094  | 345 | 2802 | -.065  | .129  | .593  | -.209  |
| 345 | 2430 | -.464  | .084  | -.203 | -.831  | 345 | 2613 | -.186  | .240  | -.740 | -.630  | 345 | 2803 | -.056  | .152  | .394  | -.616  |
| 345 | 2431 | -.463  | .109  | -.104 | -.947  | 345 | 2614 | -.274  | .041  | -.109 | -.414  | 345 | 2804 | -.006  | .135  | .491  | -.385  |
| 345 | 2432 | -.417  | .080  | -.137 | -.820  | 345 | 2615 | -.087  | .052  | -.104 | -.236  | 345 | 2805 | -.087  | .088  | .223  | -.409  |
| 345 | 2433 | -.455  | .088  | -.199 | -.046  | 345 | 2616 | -.002  | .064  | -.238 | -.172  | 345 | 2806 | -.072  | .104  | .259  | -.648  |
| 345 | 2434 | -.457  | .086  | -.232 | -.983  | 345 | 2617 | -.183  | .092  | -.523 | -.062  | 345 | 2807 | -.193  | .079  | .546  | -.100  |
| 345 | 2435 | -.471  | .083  | -.278 | -.897  | 345 | 2618 | -.205  | .217  | -.740 | -.577  | 345 | 2808 | -.134  | .120  | .432  | -.614  |

APPENDIX A -- PRESSURE DATA:

ONE DENVER PLACE -- DENVER , COLORADO

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 345 | 2809 | .100   | .159  | .711  | -.357 |
| 345 | 2810 | .052   | .178  | .819  | -.493 |
| 345 | 2811 | .102   | .092  | .169  | -.573 |
| 345 | 2812 | .122   | .122  | .678  | -.302 |
| 345 | 2813 | .011   | .083  | .339  | -.339 |
| 345 | 2814 | .019   | .108  | .307  | -.736 |
| 345 | 2815 | .119   | .079  | .449  | -.157 |
| 345 | 2816 | .083   | .111  | .486  | -.313 |
| 345 | 2817 | .098   | .134  | .726  | -.266 |
| 345 | 2818 | .106   | .151  | .709  | -.286 |
| 345 | 2819 | .065   | .074  | .140  | -.389 |
| 345 | 2820 | .102   | .093  | .511  | -.153 |
| 345 | 2821 | .016   | .071  | .266  | -.279 |
| 345 | 2822 | .022   | .081  | .406  | -.252 |
| 345 | 2823 | .072   | .064  | .219  | -.327 |
| 345 | 2824 | .058   | .099  | .329  | -.404 |
| 345 | 2825 | .128   | .127  | .658  | -.192 |
| 345 | 2826 | .146   | .147  | .716  | -.294 |
| 345 | 2827 | .062   | .071  | .515  | -.098 |
| 345 | 2828 | .090   | .114  | .476  | -.518 |
| 345 | 2829 | .006   | .063  | .363  | -.216 |
| 345 | 2830 | .010   | .065  | .299  | -.241 |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 345 | 2831 | .074   | .069  | .151  | -.339 |
| 345 | 2832 | .074   | .094  | .332  | -.356 |
| 345 | 2833 | .077   | .116  | .626  | -.312 |
| 345 | 2834 | .118   | .136  | .630  | -.550 |
| 345 | 2835 | .082   | .078  | .581  | -.108 |
| 345 | 2836 | .026   | .064  | .287  | -.229 |
| 345 | 2837 | .051   | .062  | .209  | -.310 |
| 345 | 2838 | .102   | .126  | .783  | -.301 |
| 345 | 2839 | .108   | .104  | .631  | -.103 |
| 345 | 2840 | .067   | .075  | .409  | -.172 |
| 345 | 2841 | .091   | .098  | .356  | -.381 |
| 345 | 2842 | .108   | .116  | .565  | -.223 |
| 345 | 2843 | .068   | .068  | .447  | -.098 |
| 345 | 2844 | .016   | .064  | .202  | -.312 |
| 345 | 2845 | .065   | .061  | .410  | -.339 |
| 345 | 2846 | .035   | .113  | .467  | -.334 |
| 345 | 2847 | .025   | .051  | .231  | -.239 |
| 345 | 2848 | .003   | .051  | .189  | -.199 |
| 345 | 2849 | .060   | .053  | .300  | -.110 |
| 345 | 2850 | .113   | .104  | .522  | -.341 |
| 345 | 2851 | .016   | .047  | .209  | -.206 |
| 345 | 2851 | .016   | .047  | .209  | -.206 |

| WD  | TAP  | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|
| 345 | 2852 | .027   | .049  | .247  | -.181 |
| 345 | 2853 | .026   | .047  | .148  | -.196 |
| 345 | 2854 | .038   | .056  | .265  | -.214 |
| 345 | 2855 | .043   | .070  | .352  | -.143 |
| 345 | 2856 | .062   | .093  | .534  | -.240 |
| 345 | 2857 | .298   | .063  | .094  | -.688 |
| 345 | 2858 | .237   | .059  | .054  | -.647 |
| 345 | 2859 | .248   | .074  | .073  | -.491 |
| 345 | 2860 | .246   | .055  | .049  | -.473 |
| 345 | 2861 | .297   | .058  | .134  | -.832 |
| 345 | 2862 | .323   | .055  | .143  | -.629 |
| 345 | 2863 | .304   | .060  | .114  | -.508 |
| 345 | 2864 | .287   | .053  | .123  | -.512 |
| 345 | 2865 | .274   | .047  | .106  | -.465 |
| 345 | 2866 | .319   | .054  | .140  | -.521 |
| 345 | 2867 | .197   | .068  | .177  | -.386 |
| 345 | 2868 | .189   | .051  | .005  | -.387 |
| 345 | 2869 | .225   | .047  | .082  | -.398 |
| 345 | 2870 | .231   | .046  | .081  | -.403 |
| 345 | 2871 | .226   | .050  | .039  | -.379 |
| 345 | 2872 | .208   | .060  | .083  | -.377 |
| 345 | 2873 | .299   | .051  | .124  | -.530 |