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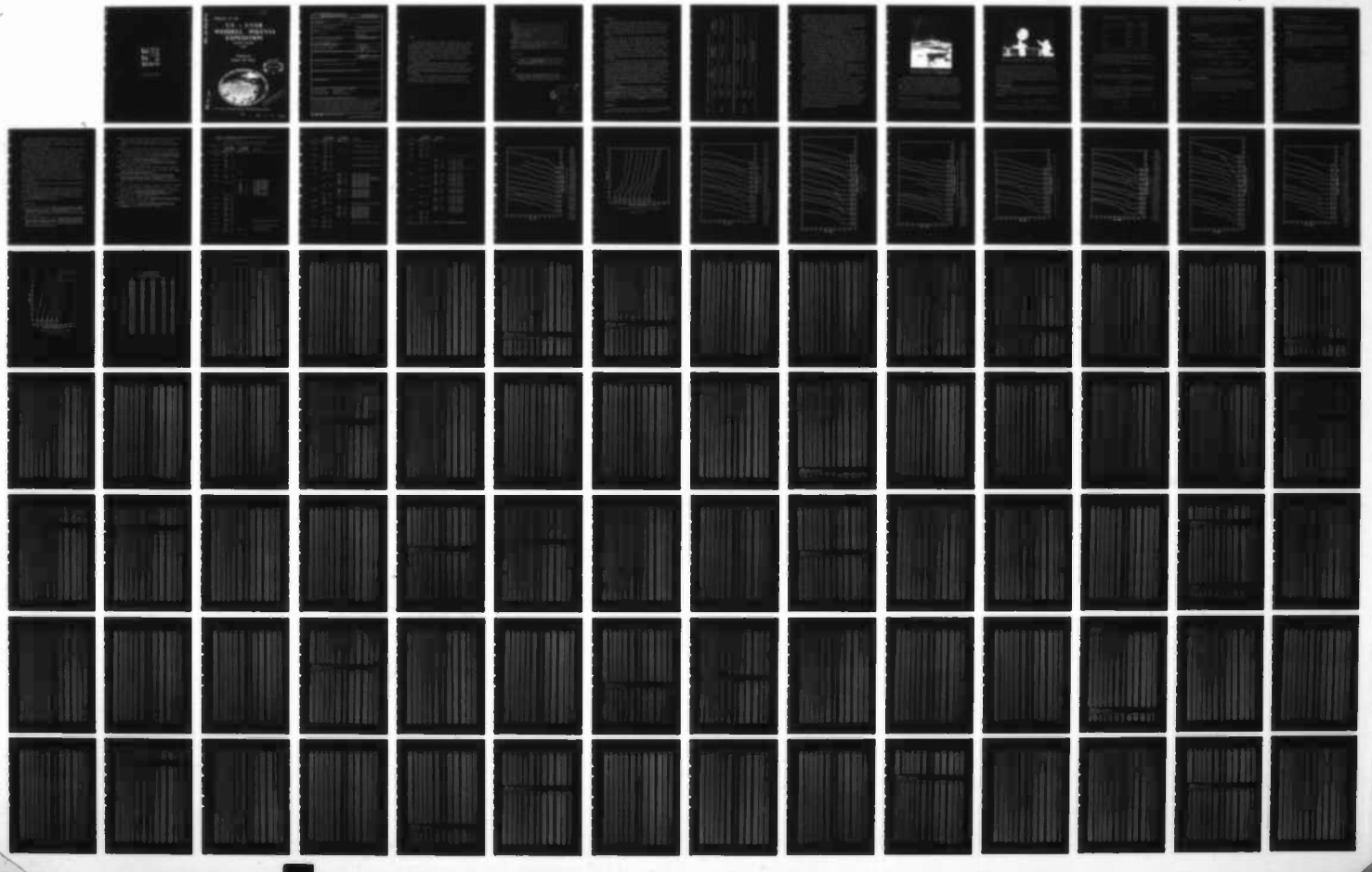

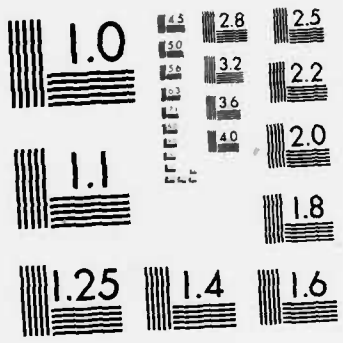

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October - November

1981

Volume 6
Upper-Air Data

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This report summarizes the most extensive set of upper-air data ever collected over Antarctic sea ice in winter, the data that we obtained using radiosondes during the U.S.-U.S.S.R. Weddell Polynya Expedition. The report includes a description of the two radiosonde systems that we used, a chronological listing of all 110 soundings that we made during the expedition, a discussion of measured and derived quantities, listings of all of the sounding data, and plots to 5 km of the potential temperature profile from each sounding.

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PREFACE

This report was prepared by Dr. Edgar L. Andreas, Physicist, Snow and Ice Branch, Research Division, U.S. Army Cold Regions Research and Engineering Laboratory. The author thanks the following: S.F. Ackley and E.P. Lysakov, for help with making the Airsonde soundings; S. Bobrov and V. Posazhennikov, who made all of the MicroCORA soundings; S.J. Smith who did a great deal of the computer work necessary to obtain the data contained in Tables B2 and C2; and S.F. Ackley and M.A. Bilello, for reviewing the manuscript.

The National Science Foundation supported this research with grants DPP 80-06922 and DPP 81-20024. The National Oceanic and Atmospheric Administration, Office of Special Research and Programs, provided funds for the lease of the MicroCORA through the National Science Foundation, grant DPP 82-03489.

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CONTENTS

	Page
Abstract	i
Preface	ii
Introduction	1
Radiosondes	1
Measured and computed variables	4
Humidity variables	5
Temperature variables	7
Geopotential height	7
Velocity	8
Soundings	8
Literature cited	9
Appendix A: Chronology of the Somov upper-air soundings and plots of potential temperature profiles	11
Appendix B: MicroCORA sounding data	25
Appendix C: Airsonde sounding data	237

ILLUSTRATIONS

Figure

1. The launch of a MicroCORA radiosonde from the helicopter deck of the Mikhail Somov---- 4
2. Launching an airsonde over the rail on the downwind side of the helicopter deck---- 5

TABLES

Table

1. Sensors on the two sondes and hardware and software added to improve data quality---- 2
2. Constants used for computation of saturation vapor pressure---- 6

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INTRODUCTION

During the U.S.-U.S.S.R. Weddell Polynya Expedition (Gordon and Sarukhanyan 1982) we collected upper-air data using two radiosonde systems. This report tabulates the data from 110 radiosonde ascents over a 32-day period in October and November 1981 during the cruise. This is the most extensive set of upper-air data ever collected over Antarctic sea ice in winter.

Volume 1 of this set of data reports (Huber and Gordon, in prep.) describes daily events during the expedition and thus contains a map of the cruise track, a chronology of all expedition observations, a discussion of hydrographic station designations (e.g., Super Stations, Table A1), and general remarks on navigation. I, therefore, confine myself here to presenting the upper-air data with enough documentation so that anyone interested can associate it with ice conditions (Ackley and Smith 1983) or surface-level meteorological conditions (Andreas and Makshtas, in press), for example.

In fact, the association of these upper-air data with these two data sets is the primary reason for our collecting them. As more comprehensive data sets from other regions have become available, it is becoming clear that surface-level meteorological processes depend on characteristics of the planetary boundary layer as a whole (Kaimal et al. 1976). Thus, these upper-air data are necessary for interpreting the surface-level data collected during the expedition (Andreas and Makshtas, in press). There is also an obvious interplay between sea-ice conditions and upper-air structure that has already been investigated using this data set (Andreas et al., in review).

In the Radiosondes section of this report, I describe the two radiosonde systems that we used during the expedition. The Measured and Computed Variables section summarizes the equations used to convert the measured variables into the meteorological parameters listed in the data tables (Appendices B and C). And the Soundings section introduces these data tables.

RADIOSONDES

The two radiosondes that we had on board the Soviet icebreaker Mikhail Somov for the Weddell Polynya Expedition were a MicroCORA Automatic

Table 1. Sensors on the two sondes and hardware and software added to improve data quality.

		Pressure	Temperature	Humidity
Airsonde	Sensor	aneroid capacitance	bead thermistor	wet bead thermistor
	Hardware	thermistor attached	radiation shield	radiation shield
	Software	temperature compensation	---	---
MicroCORA	Sensor	aneroid capacitance	bimetal capacitor	polymer thin film capacitor
	Hardware	---	radiation shield	---
	Software	----------	checking, editing, smoothing radiation correction	----------

Sounding System that we leased from Vaisala of Helsinki, Finland, and an Airsonde System made by Atmospheric Instrumentation Research (A.I.R.) of Boulder, Colorado. An earlier report (Andreas and Richter 1982) described the MicroCORA in detail and discussed two comparison soundings during which we launched both MicroCORA and Airsonde sondes on the same helium-filled balloon (soundings M24 and A9, and soundings M65 and A46).

The two systems made comparable measurements of pressure and temperature; the accuracy of the pressure measurements were ± 1 mb, and of the temperature measurement, ± 0.2°C. The Airsonde humidity profiles suggest, however, that the wet-bulb sensor on these radiosondes was often drying out and so recording dew-point temperatures that appear to be too high. The humidity sensor on the MicroCORA radiosondes, the Humicap, had even more severe problems, as discussed earlier (Andreas and Richter 1982). Because of operator errors during the prelaunch calibration of the sondes or simply because of problems inherent in the sensor itself, the Humicap was prone to drift and failure during ascent. In summary then, the pressure, temperature and, thus, the geopotential height data measured by both systems are of high quality. The humidity data, especially the MicroCORA data during the latter two-thirds of the cruise, are dubious.

Table 1 lists the sensors on the Airsonde and MicroCORA sondes and the hardware added to improve the quality of the data. The MicroCORA is a computer-controlled system, so there was extensive checking, editing and smoothing of the raw data before they were stored. Table 1 also shows the role such software played in assuring high quality data.

The MicroCORA stored its data on cassette tapes. After the cruise we sent these tapes to Vaisala, and they transferred the cassette data to magnetic tapes that we could read on our computer here at CRREL. As a result of cassette recorder malfunctions during the initial recording of the data, Vaisala could not read all of the cassettes. Hence, the tape that they sent us did not contain data from all 65 of the MicroCORA soundings. We added these missing soundings (11) to our computer files by hand from the hardcopy printed during the actual ascent of the radiosonde. These hand-entered soundings are conspicuous in the data tables because they contain only about one-quarter of the levels of the tape-derived soundings; that is, for these missing files we entered only the data between the surface and the 200-mb level.

Figure 1. The launch of a MicroCORA radiosonde from the helicopter deck of the Mikhail Somov.

The Airsonde printed its sounding data on paper tape. We checked these data manually and then entered them into computer files by hand.

All of the radiosondes were launched from the helicopter deck of the Somov. Because the MicroCORA sondes were carried aloft by 350-g helium-filled balloons, a balloon launcher was essential for safe launches (Fig. 1). We used only 100-g balloons for the Airsondes and so could fill and release these easily without the aid of the balloon launcher (Fig. 2).

MEASURED AND COMPUTED VARIABLES

The variables that the MicroCORA actually measured were pressure, P, temperature, T, relative humidity, f, wind speed, U, and wind direction, ϕ. The Airsonde also measured pressure and temperature; but its humidity

Figure 2. Launching an Airsonde over the rail on the downwind side of the helicopter deck. (Photo courtesy of Jan Szelag.)

variable was the wet-bulb temperature, T_w, which it converted to dew-point temperature, T_d, using the psychrometer equation (List 1963, p. 365) before printing any of its data. In other words, T_d is, in effect, the Airsonde humidity variable. In the data tables (Tables B2 and C2) I list not only the measured quantities but also useful variables derived from them. This section summarizes the mathematical relations between the tabulated variables.

Humidity variables

The fundamental humidity variable is the vapor pressure, e, since all other humidity variables and some temperature variables depend on it. The saturation vapor pressure at temperature T and pressure P, $e_{sat}(T,P)$, is (Buck 1981)

$$e_{sat}(T,P) = e_0 (p_b + p_a P) \exp\left[\frac{aT}{b + T}\right] \qquad (1)$$

which gives e_{sat} in mb for T in °C and P in mb. Table 2 lists the constants in eq 1. The two sets of constants refer to saturation with respect

Table 2. Constants used in eq 1 for computation of saturation vapor pressure.

	Over water ($T \geq 0°C$)	Over ice ($T < 0°C$)
e_0 (mb)	6.1121	6.1115
p_a	3.46×10^{-6}	4.18×10^{-6}
p_b (mb^{-1})	1.0007	1.0003
a	17.502	22.452
b (°C)	240.97	272.55

to ice and saturation with respect to water. For the computations, I assumed saturation over water if T was 0°C or higher; otherwise, I used the constants for saturation with respect to ice.

Using the dew-point temperature in eq 1 gives the vapor pressure: that is,

$$e = e_{sat}(T_d, P) \quad . \tag{2}$$

The Airsonde provided T_d directly, but the MicroCORA measured the relative humidity. The relative humidity is related to the vapor pressure by

$$f = e/e_{sat}(T, P) \tag{3}$$

where in this case T is the measured temperature. By substituting eq 2 in eq 3, I could solve for T_d and so compute MicroCORA dew-point temperatures from the measured values of f, T and P.

The densities of water vapor, ρ_w, and dry air, ρ_a, come from the ideal gas Law (Schwerdtfeger 1976, p. 47):

$$\rho_w = M_w \, e/R \, T \tag{4}$$

$$\rho_a = M_a \, P/R \, T \quad . \tag{5}$$

In these M_w and M_a are the molecular weights of water and dry air, 18.0160×10^{-3} kg mole^{-1} and 28.9644×10^{-3} kg mole^{-1}, respectively; and R is the universal gas constant, 8.31441 J mole^{-1} °C^{-1}. The density of moist air, ρ, is simply

$$\rho = \rho_a + \rho_w . \tag{6}$$

Temperature variables

I computed the potential temperature, θ, with respect to a reference pressure of 1000 mb (Fleagle and Businger 1980, p. 51):

$$\theta = (T + 273.15\ K)(1000\ mb/P)^{R/c_p M_a} - 273.15\ K \tag{7}$$

where θ is in °C for T in °C. The specific heat of air at constant pressure, c_p, is 1.005×10^3 J kg^{-1} °C^{-1}.

The virtual temperature, T_v, is (Pruppacher and Klett 1978, p. 77)

$$T_v = (T + 273.15\ K)\left(1 - \frac{M_a - M_w}{M_a}\frac{e}{P}\right)^{-1} - 273.15\ K \tag{8}$$

which gives T_v in °C for T in °C. The factor $(M_a - M_w)/M_a = 0.37800$.

The virtual potential temperature, θ_v, which is actually what I list in the tables, was obtained by substituting θ for T in eq 8.

Geopotential height

The heights listed in the data tables (Tables B2 and C2) are geopotential heights--heights obtained by integrating the hydrostatic equation with the ideal gas law used to eliminate density. Since the radiosondes recorded data only at discrete levels, the integration is actually a summation. The height of measurement level k, H_k, is thus

$$H_k = \sum_{i=1}^{k} \Delta H_i \tag{9}$$

where

$$\Delta H_i = H_i - H_{i-1} . \tag{10}$$

I found these height increments from

$$\Delta H_i = -(R/2gM_a)(T_{v_i} + T_{v_{i-1}}) \ln(P_i/P_{i-1}) \quad , \tag{11}$$

where the subscript i denotes a level at which T_v and P were measured, and g is the acceleration of gravity, 9.819 m s^{-2} at this latitude.

Velocity

The MicroCORA measured the wind vector. I list this wind information in Table B2 as a direction, ϕ, and a speed, U. The convention that the MicroCORA used is that ϕ is the direction from which the wind was blowing, with 360° oriented north. The components of the wind vector to the east (V_E) and north (V_N) are therefore

$$V_E = -U \sin\phi \tag{12}$$

$$V_N = -U \cos\phi \quad . \tag{13}$$

SOUNDINGS

Table A1 of Appendix A contains a chronological listing of all of the upper-air soundings that we made during the expedition. MicroCORA soundings were routinely done at roughly 0000 G.M.T. and 1200 G.M.T. We used the Airsonde System for more closely spaced soundings such as when we traversed the marginal ice zone and during Super Stations, extended periods during which all members of the expedition were doing intense sampling. We also used it to obtain upper-air data coincident with our atmospheric surface-layer profiling (Andreas and Makshtas, in press) when there was not a close MicroCORA sounding. Table A1 contains comments showing the correlation of some of these events with the soundings.

MicroCORA sounding 10 (M10; and also Airsonde sounding 2 [A2]) and Airsonde sounding 45 (A45) divide the soundings into three groups. Soundings M10 and A2 were virtually at the ice edge as we entered the Antarctic ice pack on 20 October 1981. All soundings before these two were made over the open ocean. Similarly, A45 was at the ice edge as we left the ice on 14 November; all subsequent soundings were over the open ocean. The soundings between M10/A2 and A45 were consequently made over Antarctic sea ice. The report by Ackley and Smith (1983) describes the ice conditions associated with these soundings.

Appendix B contains the MicroCORA sounding data. Table B1 lists the position, time and number of levels in each sounding. Table B2 lists the data collected during each sounding. Appendix C contains similar information for the Airsonde soundings.

Some of the Airsonde dew-point data were missing. A 99.9 in Table C2 indicates these missing data. To obtain humidity variables when there was no T_d value, I did a linear interpolation of the relative humidity between bracketing levels where there were data. I then used these interpolated f values to obtain the other humidity variables. When the final levels of a sounding had no T_d data--and so an interpolation was not possible--I simply assigned the last measured f value to these levels.

Some of the MicroCORA relative humidity data were also missing. I assigned f values to these levels using the same procedure as for the Airsonde data, linear interpolation or a constant f if the missing data were at the end of a sounding. I then went on to compute T_d as usual for the MicroCORA data; hence, there is no indicator of the missing humidity data in Table B2.

Missing MicroCORA wind data--both speed and direction--are similarly indicated with 99.9.

Figure A1 contains plots from the surface to 5 km of the potential temperature profiles for all of the soundings in the order shown in Table A1. I have grouped these profiles according to the sequence of events shown in the Comments column of Table A1. In other words, there are ice edge groupings and Super Station groupings.

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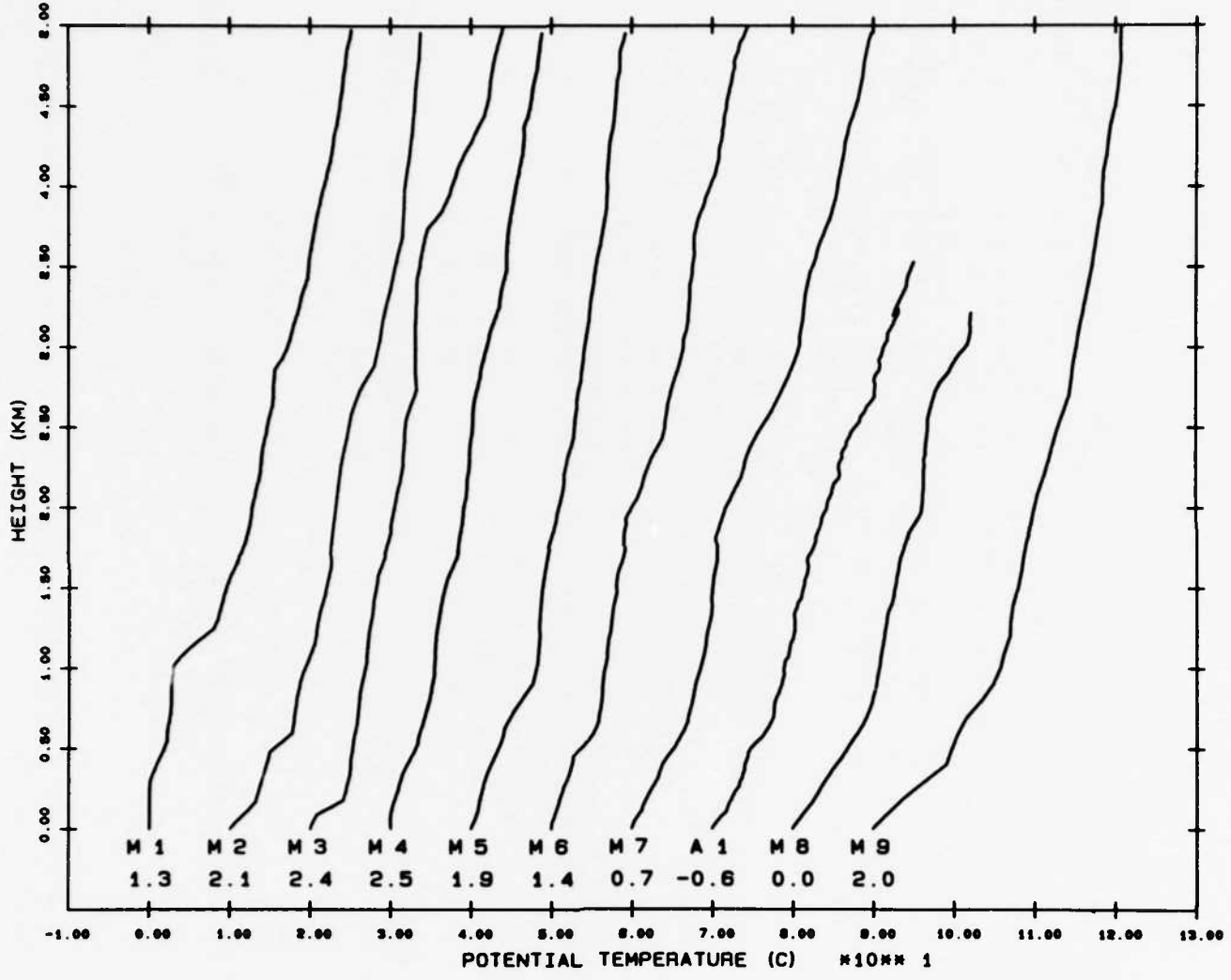
APPENDIX A: CHRONOLOGY OF THE SOMOV UPPER-AIR SOUNDINGS AND PLOTS OF POTENTIAL TEMPERATURE PROFILES

Table A1. Chronology of the upper-air soundings.

Date	MicroCORA Time (G.M.T.)	MicroCORA Number	Airsonde Time (G.M.T.)	Airsonde Number	Comments
15 Oct 81	1157	1			
	2359	2			
16 Oct	1134	3			
	2343	4			
17 Oct	1141	5			
	2341	6			
18 Oct	1142	7			
			1418	1	
19 Oct	0135	8			
	1241	9			
20 Oct			1139	2	Ice edge transect
	1153	10			Ice edge transect
			1304	3	Ice edge transect
			1444	4	Ice edge transect
			1644	5	Ice edge transect
			1756	6	Ice edge transect
			1935	7	Failed
			2110	8	Ice edge transect
	2342	11			Ice edge transect
21 Oct	1143	12			
	2356	13			
22 Oct	1149	14			
	2340	15			
23 Oct	1138	16			
	2339	17			
24 Oct	1151	18			
	2338	19			
25 Oct	1150	20			
	2348	21			Surface-layer profiles 1 and 2
26 Oct	1135	22			
	2339	23			Surface-layer profiles 3 and 4
27 Oct	1150	24	1150	9	Radiosonde comparison
	2337	25			

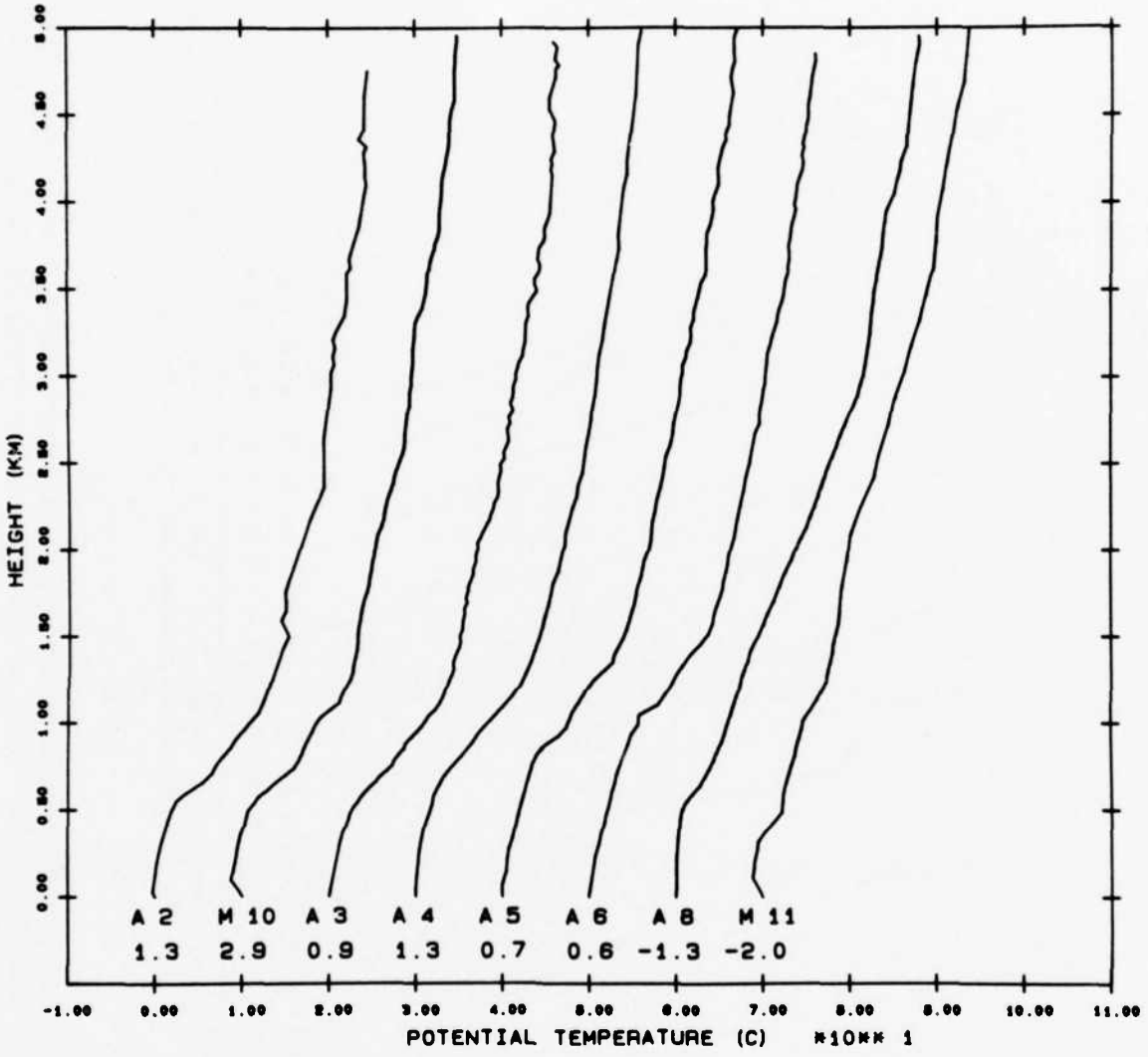
Date	MicroCORA Time (G.M.T.)	MicroCORA Number	Airsonde Time (G.M.T.)	Airsonde Number	Comments
28 Oct	1211	26			
	2335	27			Surface-layer profiles 5 and 6
29 Oct	1134	28			
			2243	10	Surface-layer profiles 7 and 8
	2339	29			
30 Oct	1132	30			
	2335	31			Surface-layer profiles 9 and 10
31 Oct	1151	32			
	1654	33			
	2335	34			Surface-layer profiles 11 and 12
1 Nov	1134	35			
	2338	36			
2 Nov			0600	11	Super Station series
			0853	12	Super Station series
	1136	37			Super Station series, profile 13
			1630	13	Super Station series, profile 14
			1805	14	Super Station series
			2054	15	Super Station series
			2118	16	Super Station series
	2350	38			Super Station series
3 Nov			0316	17	Super Station series
			0604	18	Super Station series
			0857	19	Super Station series
	1133	39			Super Station series
			1454	20	Super Station series
	2347	40			
4 Nov	1137	41			
	2334	42			Surface-layer profiles 15 and 16
5 Nov			0600	21	Super Station series
			0858	22	Super Station series
	1218	43			Super Station series
			1455	23	Super Station series
			1755	24	Super Station series
			2057	25	Super Station series
	2341	44			Super Station series
6 Nov	1135	45			
	2338	46			Surface-layer profiles 17 and 18
7 Nov	1137	47			
	2335	48			

Date	MicroCORA Time (G.M.T.)	MicroCORA Number	Airsonde Time (G.M.T.)	Airsonde Number	Comments
8 Nov	1146	49			
	2347	50			
9 Nov	1132	51			
	2341	52			
10 Nov	1136	53			
	2344	54			Surface-layer profiles 19 and 20
11 Nov			0639	26	Ice edge transect
			0849	27	Ice edge transect
	1135	55			Ice edge transect
			1454	28	Ice edge transect
			1755	29	Ice edge transect
			2056	30	Ice edge transect, profile 21
	2339	56			Ice edge transect
12 Nov			0317	31	Ice edge transect
			0618	32	Ice edge transect
			0911	33	Ice edge transect
	1140	57			Ice edge transect
			1446	34	Ice edge transect
			1752	35	Ice edge transect
			2054	36	Ice edge transect
	2338	58			Ice edge transect
13 Nov			0333	37	Ice edge transect
			0604	38	Ice edge transect
			0857	39	Ice edge transect
	1134	59			Ice edge transect
			1517	40	Ice edge transect
			1807	41	Ice edge transect
			2057	42	Ice edge transect
	2338	60			Ice edge transect
14 Nov			0342	43	Ice edge transect
			0559	44	Ice edge transect
			0847	45	Ice edge transect
	1159	61			Ice edge transect
	2338	62			
15 Nov	1132	63			
	2337	64			
16 Nov	1136	65	1136	46	Radiosonde comparison



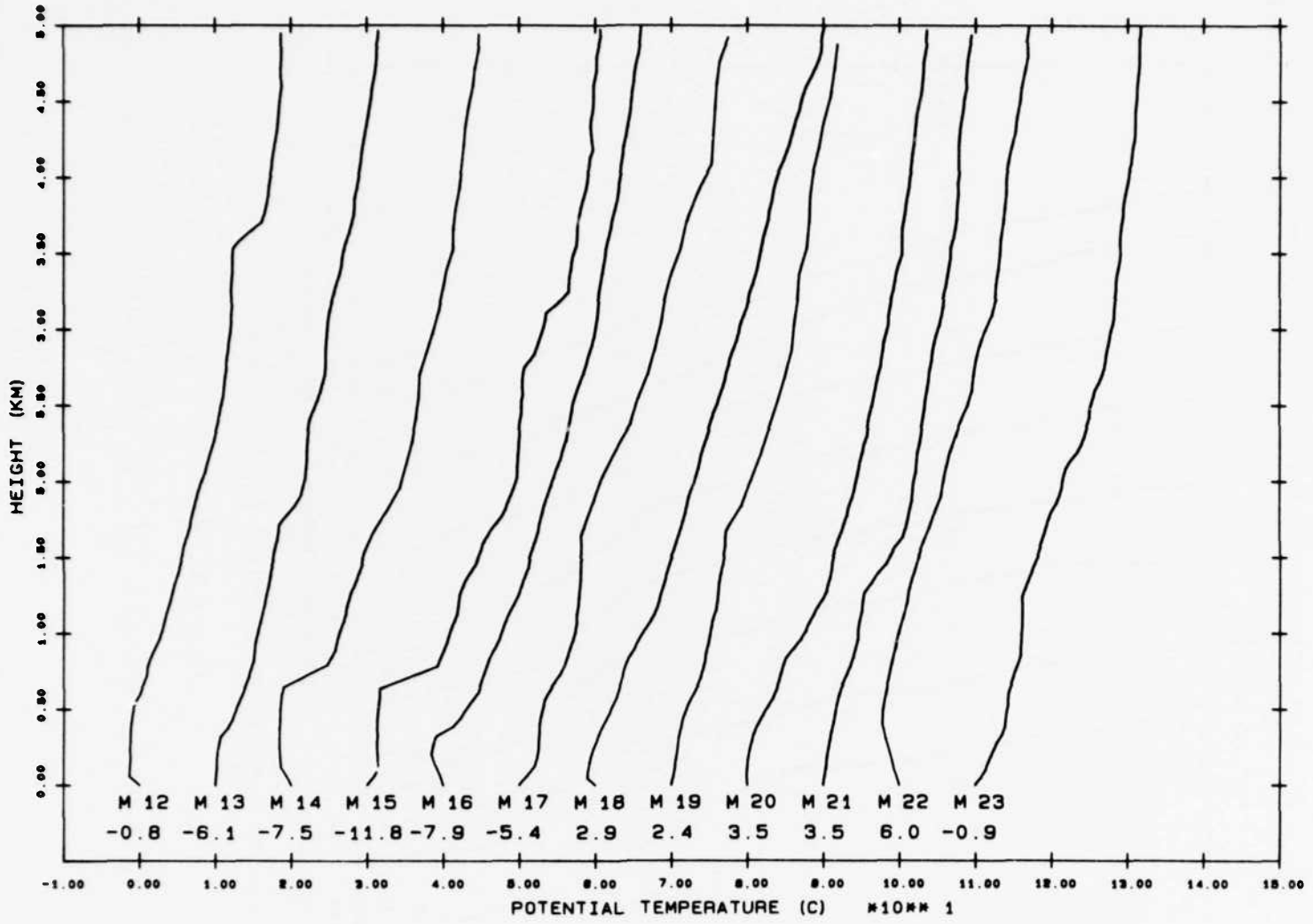
a. 15 October to 19 October 1981.

Figure A1. Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



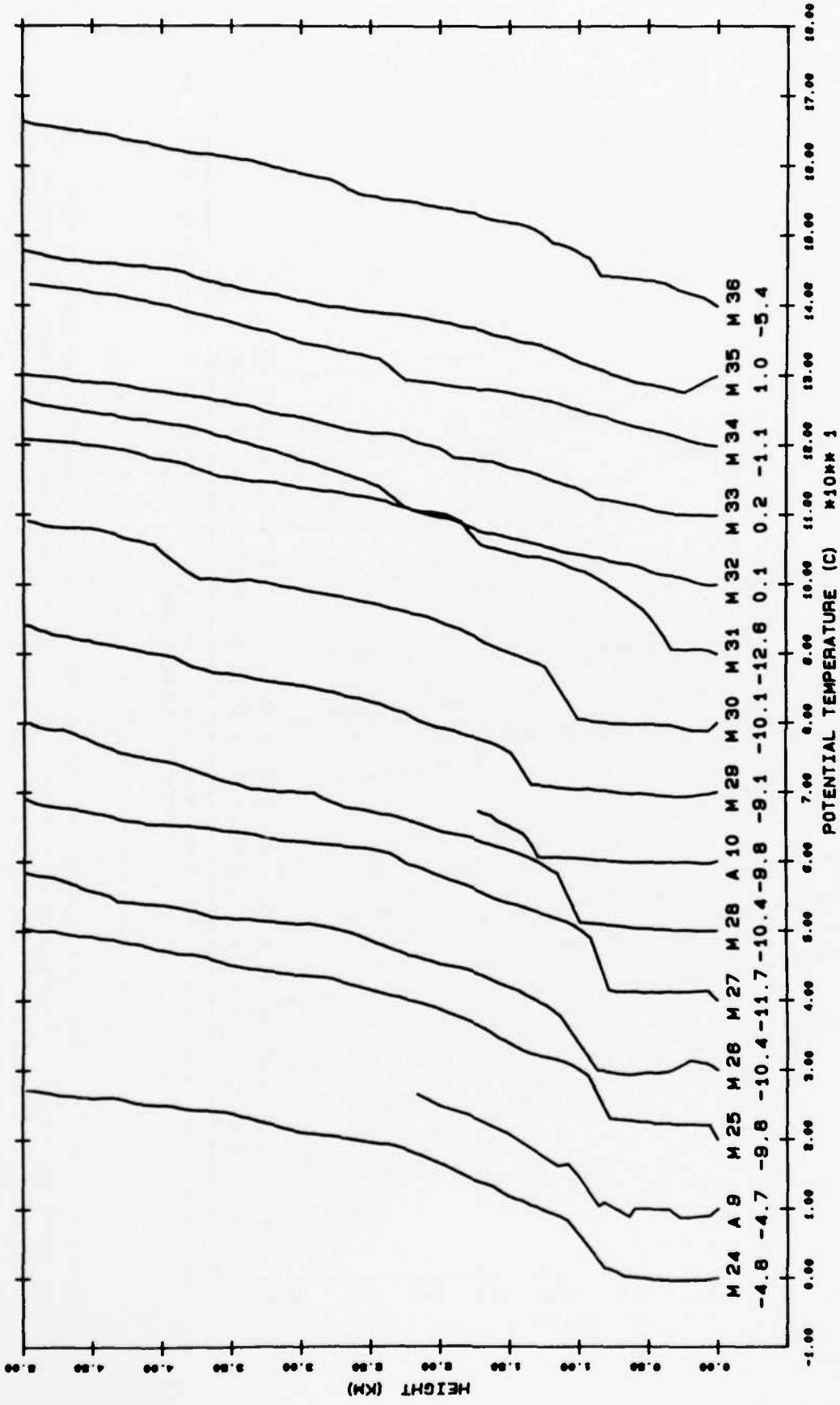
b. Transect of the marginal ice zone on 20 October.

Figure A1 (cont'd).



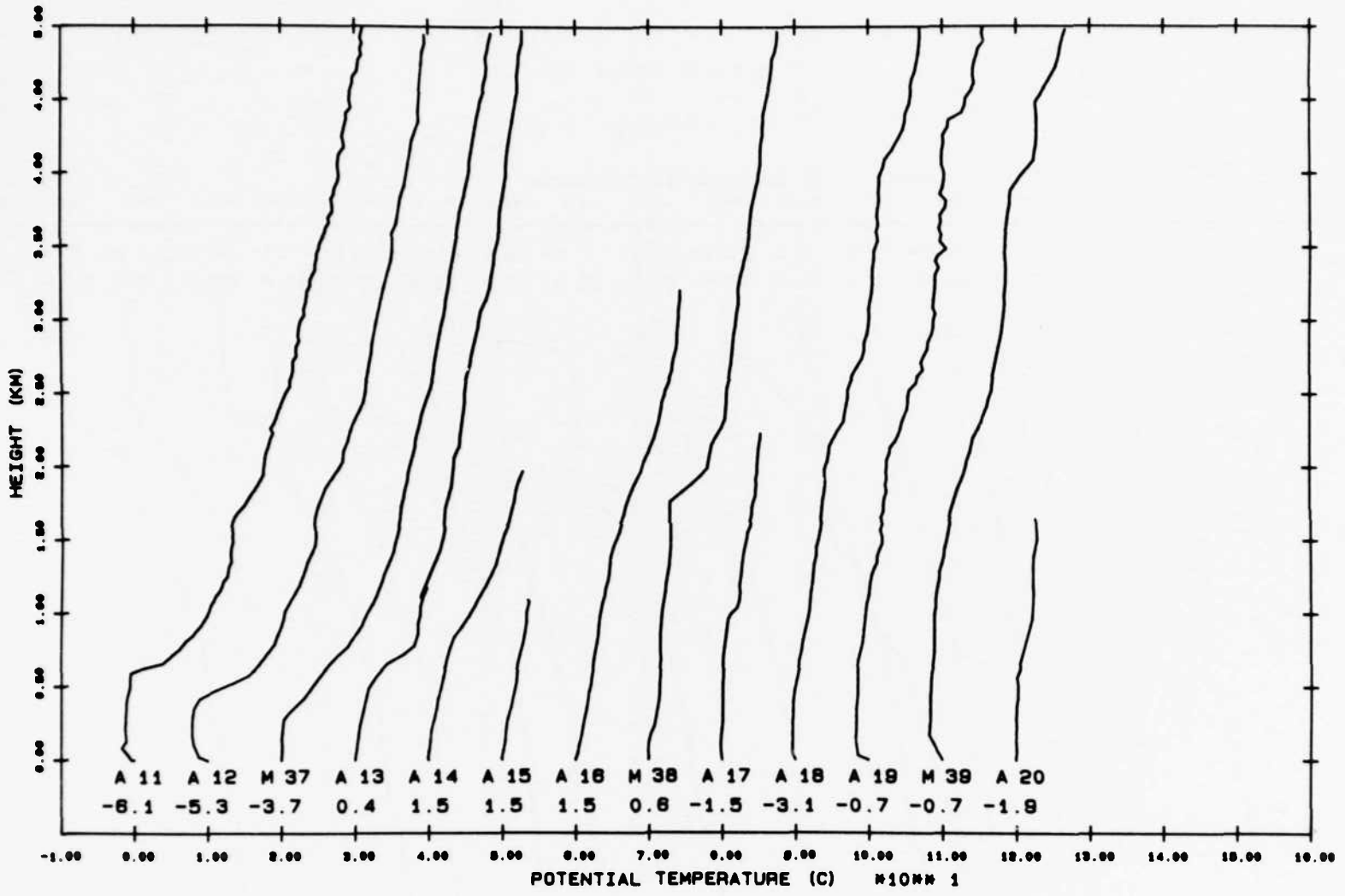
c. 21 to 26 October.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



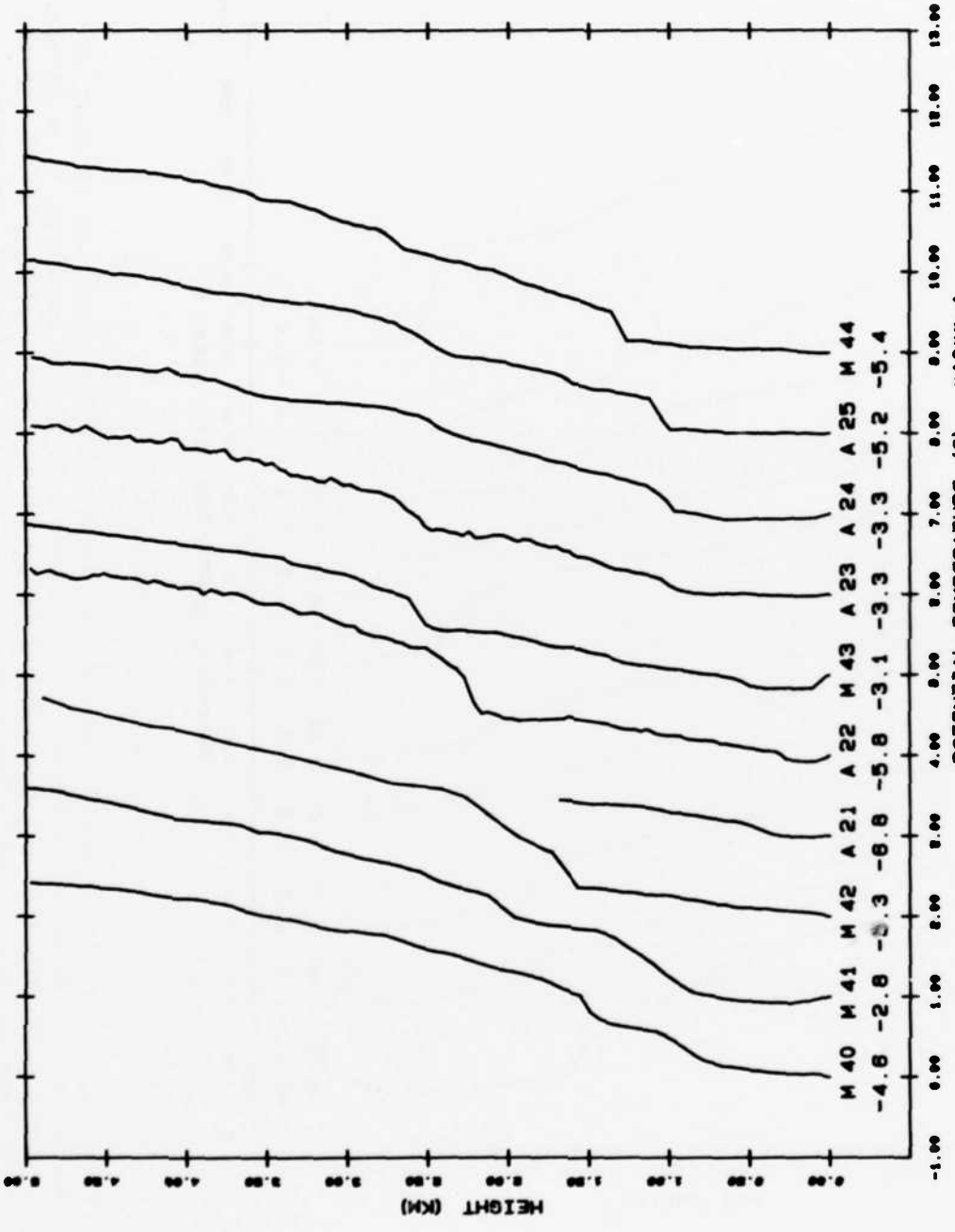
d. 27 October to 1 November.

Figure A1 (cont'd).



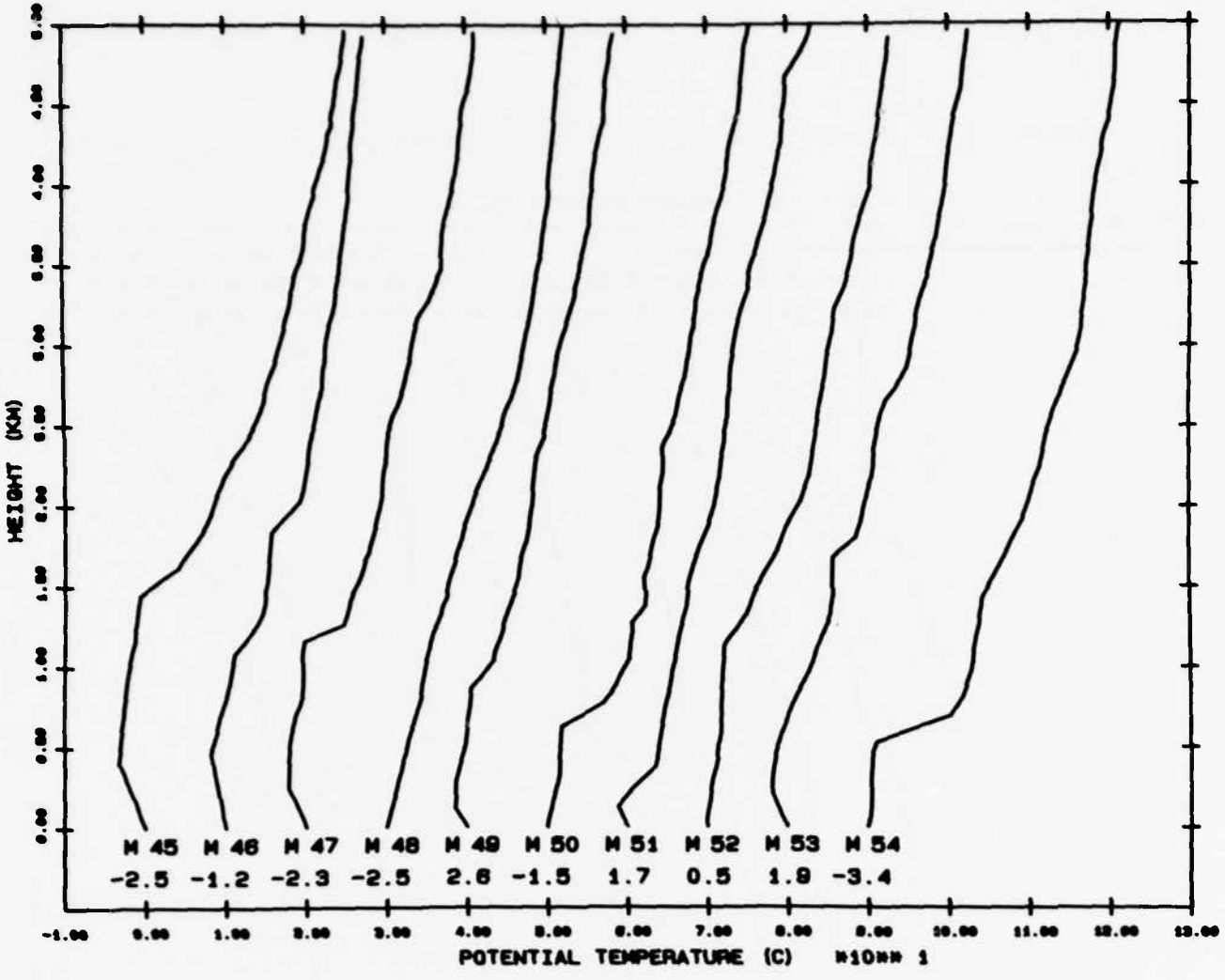
e. These coincide with the Super Station on 2-3 November.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



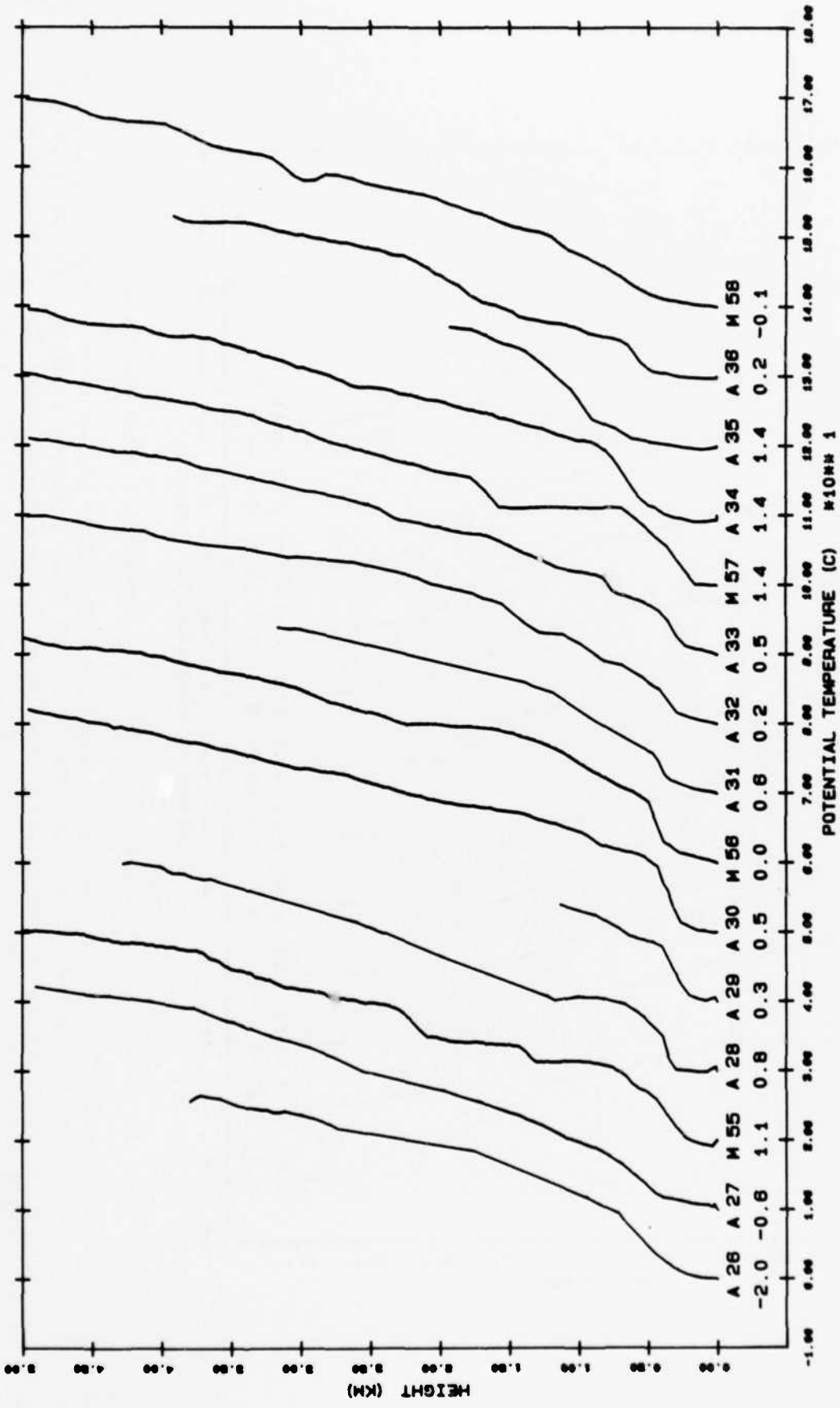
f. Most of these profiles coincide with the Super Station on 5 November.

Figure A1 (cont'd).



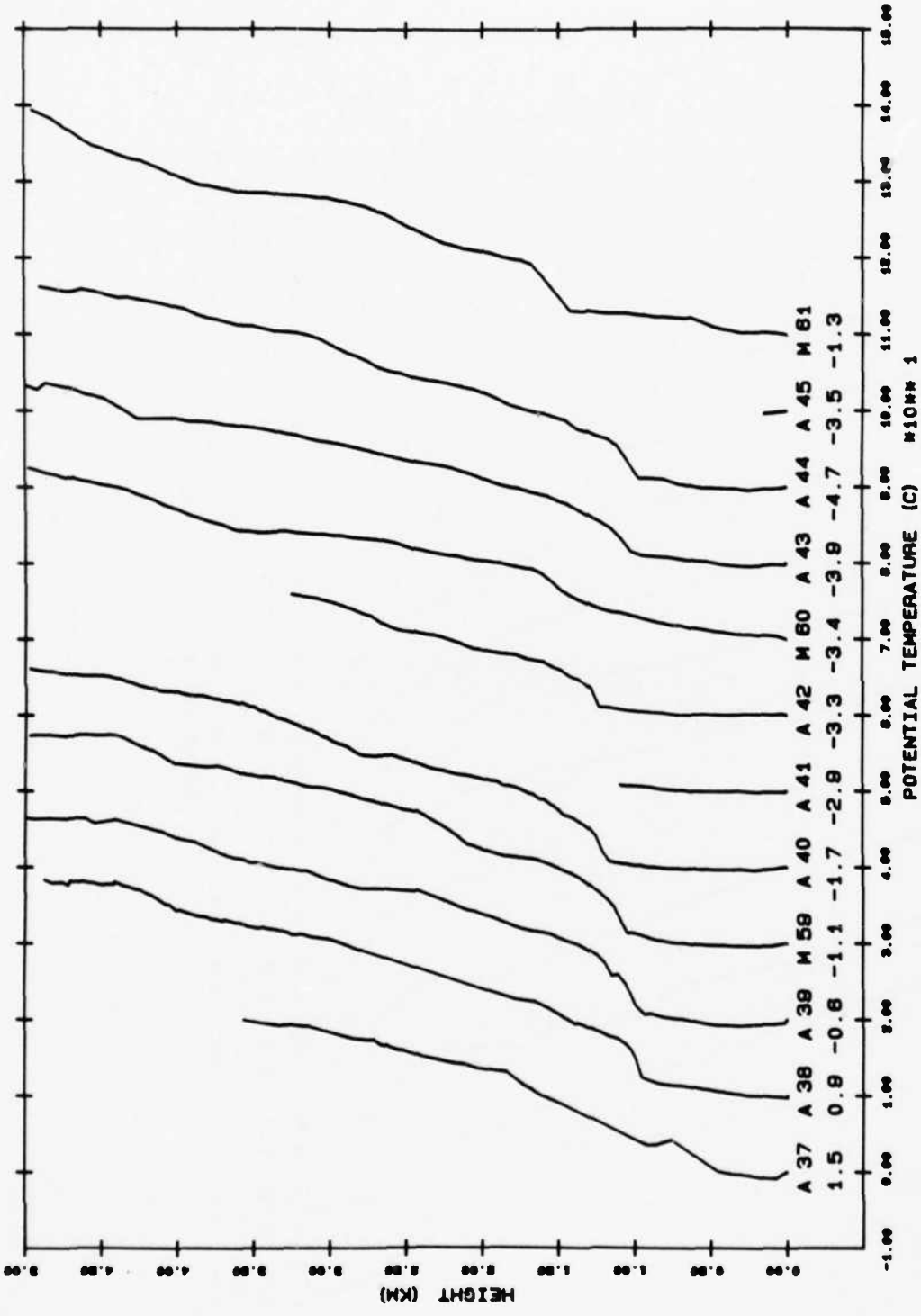
g. 6 to 10 November.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



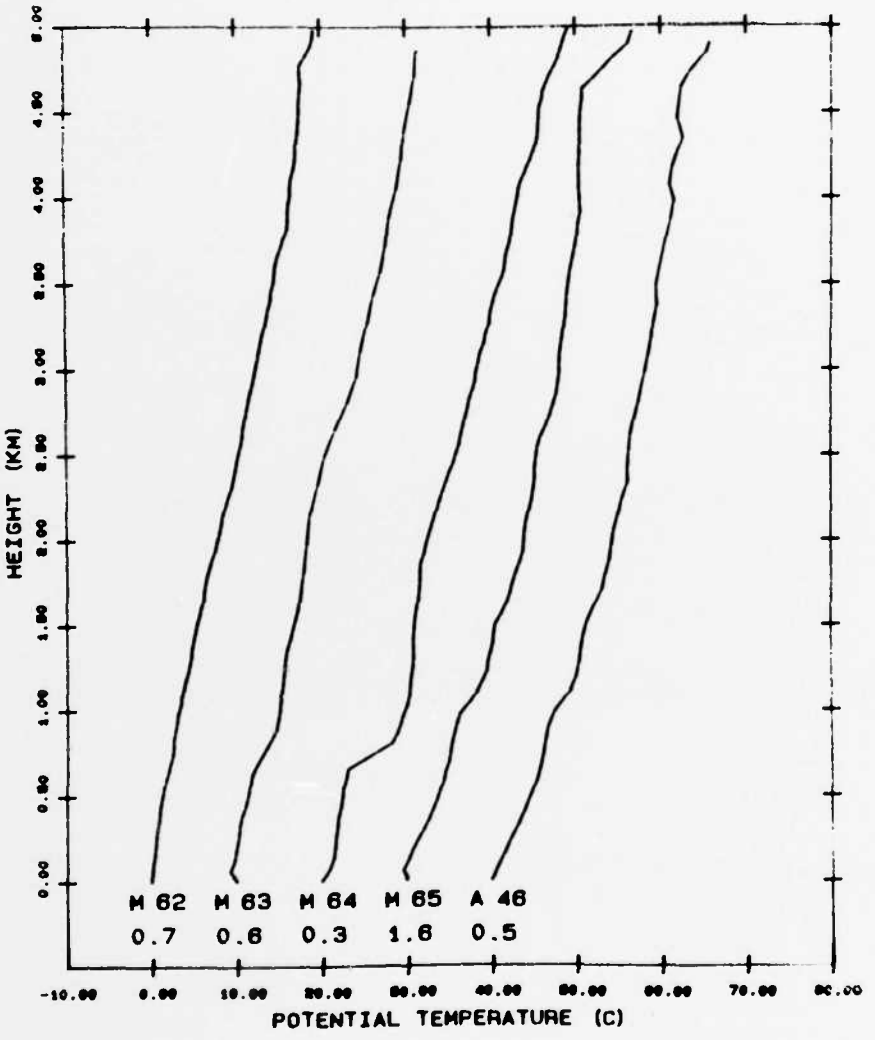
h. Begin the exit traverse of the marginal ice zone on 11-12 November.

Figure A1 (cont'd).



i. Continue the traverse of the marginal ice zone on 13-14 November.

Figure A1 (cont'd). Potential temperature soundings. The upper number under each profile gives the sounding number: M indicates a MicroCORA sounding; A, an Airsonde sounding. The lower of the two numbers is the potential temperature at the lowest level (the surface). The temperature scale is 10°C per horizontal tick mark.



j. 14-16 November, over the open ocean.

Figure A1 (cont'd).

APPENDIX B: MICROCORA SOUNDING DATA

Table B1. Summary of MicroCORA soundings.

SOUNDING	DATE	TIME (GMT)	LATITUDE	LONGITUDE	LEVELS
1	10-15-81	1157	-49.2	-29.3	403
2	10-15-81	2359	-50.2	-26.7	85
3	10-16-81	1134	-51.1	-23.6	432
4	10-16-81	2343	-51.9	-20.6	331
5	10-17-81	1141	-52.5	-17.1	575
6	10-17-81	2341	-53.3	-16.6	594
7	10-18-81	1142	-53.8	-10.0	469
8	10-19-81	135	-54.1	-6.4	82
9	10-19-81	1241	-54.6	-2.9	130
10	10-20-81	1153	-56.2	3.3	342
11	10-20-81	2342	-57.6	5.1	88
12	10-21-81	1143	-58.4	5.1	331
13	10-21-81	2356	-59.2	5.2	390
14	10-22-81	1149	-59.4	5.3	67
15	10-22-81	2340	-59.4	4.8	480
16	10-23-81	1138	-59.5	4.5	339
17	10-23-81	2339	-59.4	3.5	89
18	10-24-81	1151	-59.7	3.6	373
19	10-24-81	2338	-59.9	3.5	87
20	10-25-81	1150	-60.2	3.7	340
21	10-25-81	2348	-60.4	3.6	392
22	10-26-81	1135	-60.9	3.3	51
23	10-26-81	2339	-61.2	3.1	413
24	10-27-81	1150	-61.3	2.9	329
25	10-27-81	2337	-61.4	2.8	455
26	10-28-81	1211	-61.4	2.7	421
27	10-28-81	2335	-61.6	2.5	434
28	10-29-81	1134	-61.8	2.6	404
29	10-29-81	2339	-61.9	2.4	616
30	10-30-81	1132	-61.9	2.4	313
31	10-30-81	2335	-61.9	2.4	250
32	10-31-81	1151	-62.1	2.4	367
33	10-31-81	1654	-62.1	2.4	209
34	10-31-81	2335	-62.1	2.8	411
35	11- 1-81	1134	-62.2	2.9	394
36	11- 1-81	2338	-62.2	2.8	468
37	11- 2-81	1136	-62.2	2.9	404
38	11- 2-81	2350	-62.3	3.1	444
39	11- 3-81	1133	-62.4	3.2	466
40	11- 3-81	2347	-62.4	1.8	325
41	11- 4-81	1137	-62.3	1.7	226
42	11- 4-81	2330	-62.2	1.0	93
43	11- 5-81	1218	-62.2	1.2	404
44	11- 5-81	2341	-62.1	1.2	600
45	11- 6-81	1135	-62.0	1.2	441
46	11- 6-81	2338	-61.9	1.2	156
47	11- 7-81	1137	-61.9	1.2	351
48	11- 7-81	2335	-61.5	1.1	404
49	11- 8-81	1146	-61.3	0.9	454
50	11- 8-81	2347	-60.9	0.8	378
51	11- 9-81	1132	-60.8	0.7	343
52	11- 9-81	2341	-60.7	0.5	97
53	11-10-81	1136	-60.6	0.6	186
54	11-10-81	2344	-60.3	0.3	492
55	11-11-81	1135	-60.1	0.2	641
56	11-11-81	2339	-60.2	0.3	394
57	11-12-81	1143	-59.7	0.5	288
58	11-12-81	2338	-59.1	0.7	162
59	11-13-81	1134	-58.4	0.8	449
60	11-13-81	2338	-58.1	1.1	456
61	11-14-81	1159	-56.3	-0.3	357
62	11-14-81	2338	-54.8	-2.3	557
63	11-15-81	1132	-54.3	-4.3	97
64	11-15-81	2337	-53.5	-6.0	259
65	11-16-81	1136	-52.9	-8.3	451

Table B2. Data collected during each sounding.

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6019.	456.7	-29.8	31.3	31.3	-35.9	52.	0.2323	0.1848	0.6540	245.0	22.6
6076.	453.9	-30.0	31.7	31.8	-36.1	52.	0.1982	0.1812	0.6492	245.0	23.3
6133.	449.4	-30.1	32.3	32.3	-36.4	51.	0.1924	0.1761	0.6443	245.0	23.7
6192.	445.7	-30.2	32.9	32.9	-36.7	50.	0.1866	0.1710	0.6392	244.0	24.2
6253.	441.9	-30.6	33.1	33.2	-37.2	48.	0.1754	0.1611	0.6348	246.0	24.6
6314.	438.1	-31.0	33.4	33.4	-37.6	47.	0.1614	0.1487	0.6304	246.0	25.0
6372.	434.5	-31.5	33.5	33.5	-38.0	45.	0.1466	0.1356	0.6265	247.0	25.4
6429.	431.0	-32.0	33.6	33.6	-39.0	44.	0.1360	0.1261	0.6227	248.0	25.7
6485.	427.6	-32.4	33.7	33.8	-40.3	42.	0.1244	0.1158	0.6188	249.0	26.0
6536.	424.5	-32.7	34.0	34.0	-40.8	41.	0.1176	0.1097	0.6151	249.0	26.2
6593.	421.1	-33.1	34.2	34.2	-41.2	41.	0.1127	0.1053	0.6112	250.0	26.6
6651.	417.6	-33.5	34.4	34.4	-41.5	41.	0.1080	0.1010	0.6071	250.0	26.7
6707.	414.3	-33.8	34.7	34.7	-42.0	40.	0.1021	0.0956	0.6031	251.0	27.1
6761.	411.1	-34.1	35.0	35.0	-42.8	38.	0.0938	0.0883	0.5992	252.0	27.5
6814.	408.0	-34.5	35.4	35.4	-43.2	37.	0.0894	0.0843	0.5951	253.0	27.8
6867.	404.9	-34.7	35.6	35.6	-43.5	37.	0.0856	0.0808	0.5916	99.9	99.9
6922.	401.7	-35.1	35.7	35.8	-43.9	37.	0.0820	0.0775	0.5879	250.0	29.6
6980.	398.4	-35.5	35.9	36.0	-44.3	37.	0.0785	0.0743	0.5841	251.0	30.2
7036.	395.2	-35.9	36.1	36.2	-44.7	37.	0.0752	0.0713	0.5804	250.0	31.0
7090.	392.1	-36.3	36.1	36.1	-45.2	37.	0.0704	0.0669	0.5773	249.0	30.7
7147.	388.9	-37.1	36.0	36.0	-45.8	37.	0.0659	0.0629	0.5740	249.0	31.7
7204.	385.7	-37.6	36.1	36.1	-46.5	36.	0.0606	0.0580	0.5705	247.0	33.6
7259.	382.6	-38.0	36.3	36.3	-47.1	35.	0.0564	0.0541	0.5669	247.0	34.4
7315.	379.5	-38.3	36.6	36.6	-47.6	33.	0.0514	0.0495	0.5630	99.9	99.9
7366.	376.7	-38.5	37.2	37.2	-48.3	32.	0.0488	0.0470	0.5593	241.0	37.5
7419.	373.8	-38.7	37.4	37.4	-48.5	32.	0.0477	0.0460	0.5555	242.0	38.8
7472.	372.9	-39.1	37.7	37.7	-48.7	32.	0.0461	0.0445	0.5519	99.9	99.9
7526.	368.0	-39.4	37.8	37.9	-49.1	32.	0.0441	0.0426	0.5485	237.0	42.5
7578.	365.2	-39.8	38.0	38.0	-49.7	31.	0.0408	0.0396	0.5452	236.0	42.3
7631.	362.4	-40.1	38.3	38.4	-50.0	31.	0.0395	0.0383	0.5417	235.0	43.7
7684.	359.6	-40.4	38.6	38.6	-50.3	31.	0.0381	0.0371	0.5383	234.0	45.2
7739.	356.7	-40.8	38.7	38.8	-50.9	30.	0.0355	0.0344	0.5348	233.0	47.2
7795.	353.7	-41.2	39.0	39.0	-51.3	30.	0.0337	0.0329	0.5312	99.9	99.9
7852.	350.8	-41.5	39.3	39.3	-51.8	29.	0.0319	0.0309	0.5276	231.0	49.9
7910.	347.7	-41.9	39.6	39.6	-52.2	29.	0.0301	0.0295	0.5236	233.0	49.6
7964.	345.0	-42.3	39.7	39.7	-52.5	29.	0.0287	0.0282	0.5206	233.0	49.8
8019.	342.2	-42.7	40.0	40.0	-53.0	28.	0.0277	0.0273	0.5171	233.0	50.6
8073.	339.5	-43.1	40.2	40.2	-53.6	28.	0.0260	0.0256	0.5141	99.9	99.9
8126.	336.8	-43.7	39.9	40.0	-54.1	28.	0.0236	0.0233	0.5114	99.9	99.9
8182.	334.0	-44.2	40.0	40.0	-54.6	28.	0.0222	0.0219	0.5082	99.9	99.9
8235.	331.4	-44.6	40.2	40.2	-54.6	28.	0.0222	0.0218	0.5048	99.9	99.9
8287.	328.8	-44.8	40.5	40.5	-54.8	28.	0.0212	0.0211	0.5014	99.9	99.9
8346.	326.0	-45.4	40.6	40.6	-55.4	28.	0.0200	0.0198	0.4985	242.0	46.8
8400.	323.3	-45.8	40.7	40.7	-55.7	28.	0.0191	0.0190	0.4954	99.9	99.9
8451.	321.0	-46.1	41.0	41.0	-56.3	28.	0.0177	0.0177	0.4922	99.9	99.9
8499.	318.5	-46.6	41.0	41.0	-56.7	28.	0.0167	0.0167	0.4898	99.9	99.9
8547.	316.2	-47.1	40.9	40.9	-57.5	27.	0.0152	0.0152	0.4873	99.9	99.9
8595.	314.0	-47.5	41.0	41.0	-57.8	27.	0.0142	0.0146	0.4848	99.9	99.9
8641.	311.7	-47.9	41.1	41.1	-58.5	26.	0.0133	0.0134	0.4821	254.0	44.5
8686.	309.6	-48.2	41.3	41.3	-58.8	26.	0.0124	0.0129	0.4795	254.0	44.5
8733.	307.4	-48.6	41.4	41.4	-59.1	26.	0.0122	0.0123	0.4769	255.0	44.7
8779.	305.3	-49.0	41.6	41.6	-59.4	26.	0.0117	0.0119	0.4743	255.0	44.9
8822.	303.2	-49.4	41.8	41.8	-60.1	25.	0.0106	0.0109	0.4721	256.0	45.2
8870.	301.0	-49.8	41.8	41.8	-60.8	24.	0.0097	0.0099	0.4695	256.0	45.4
8920.	299.7	-50.1	41.7	41.7	-61.5	24.	0.0091	0.0091	0.4667	256.0	45.4
8969.	298.0	-50.5	41.9	41.9	-61.7	24.	0.0085	0.0087	0.4639	257.0	45.4
9019.	296.4	-50.8	42.1	42.1	-62.4	24.	0.0078	0.0080	0.4611	256.0	45.4
9072.	294.8	-51.2	42.4	42.4	-62.7	24.	0.0075	0.0077	0.4580	254.0	45.3
9121.	293.6	-51.4	42.5	42.5	-63.1	24.	0.0071	0.0073	0.4554	99.9	99.9
9175.	292.3	-51.7	42.6	42.7	-63.4	24.	0.0068	0.0070	0.4526	99.9	99.9
9225.	291.0	-52.0	42.6	42.7	-63.9	24.	0.0064	0.0064	0.4500	99.9	99.9
9278.	289.6	-52.3	42.6	42.6	-64.6	24.	0.0057	0.0059	0.4475	99.9	99.9
9327.	288.3	-52.6	42.7	42.7	-64.4	24.	0.0051	0.0053	0.4449	99.9	99.9
9378.	287.3	-52.9	42.8	42.8	-64.9	24.	0.0048	0.0047	0.4424	99.9	99.9
9429.	286.1	-53.4	42.8	42.8	-65.6	24.	0.0044	0.0043	0.4397	99.9	99.9
9482.	284.6	-53.7	43.1	43.1	-66.1	24.	0.0041	0.0041	0.4366	99.9	99.9
9534.	283.6	-54.1	43.3	43.3	-66.4	24.	0.0039	0.0043	0.4339	99.9	99.9
9585.	282.4	-54.5	43.4	43.4	-67.2	24.	0.0037	0.0041	0.4312	99.9	99.9
9635.	281.3	-54.8	43.5	43.5	-67.6	24.	0.0037	0.0039	0.4286	99.9	99.9
9685.	280.2	-55.2	43.7	43.7	-68.3	19.	0.0034	0.0036	0.4260	99.9	99.9
9736.	279.2	-55.6	43.8	43.8	-68.9	18.	0.0029	0.0031	0.4240	99.9	99.9
9781.	278.2	-55.9	43.9	43.9	-69.4	18.	0.0027	0.0029	0.4217	99.9	99.9
9830.	277.2	-56.3	43.9	43.9	-70.4	17.	0.0025	0.0026	0.4193	99.9	99.9
9878.	276.2	-56.7	44.0	44.0	-70.8	17.	0.0024	0.0025	0.4166	99.9	99.9
9927.	275.2	-57.0	44.1	44.1	-71.8	17.	0.0023	0.0025	0.4138	99.9	99.9
9974.	274.1	-57.4	44.2	44.2	-71.4	17.	0.0021	0.0023	0.4117	99.9	99.9
10051.	272.5	-57.8	44.3	44.3	-72.1	17.	0.0021	0.0021	0.4085	99.9	99.9
10078.	272.1	-58.1	44.4	44.4	-72.8	16.	0.0018	0.0018	0.4073	99.9	99.9
10128.	271.1	-58.5	44.5	44.5	-73.6	16.	0.0016	0.0016	0.4048	99.9	99.9
10174.	270.1	-58.9	44.6	44.6	-73.8	16.	0.0016	0.0016	0.4024	99.9	99.9
10222.	269.1	-59.2	44.7	44.7	-74.2	15.	0.0014	0.0015	0.4001	99.9	99.9
10271.	268.1	-59.6	44.8	44.8	-74.5	15.	0.0013	0.0014	0.3977	99.9	99.9
10317.	267.1	-59.9	44.9	44.9	-74.8	15.	0.0011	0.0014	0.3955	99.9	99.9
10361.	266.2	-60.1	44.9	44.9	-75.4	14.	0.0011	0.0012	0.3928	99.9	99.9
10408.	265.2	-60.4	45.1	45.1	-75.7	14.	0.0011	0.0012	0.3904	99.9	99.9
10454.	264.3	-60.8	45.2	45.2	-75.9	14.	0.0011	0.0012	0.3877	99.9	99.9
10505.	263.3	-61.0	45.3	45.3	-76.1	14.	0.0011	0.0011	0.3852	99.9	99.9
10554.	262.4	-61.3	45.4	45.4	-76.5	14.	0.0010	0.0011	0.3824	99.9	99.9
10601.	261.5	-61.6	45.5	45.5	-76.8	13.	0.0010	0.0011	0.3800	99.9	99.9
10647.	260.7	-61.9	45.6	45.6	-77.0	13.	0.0010	0.0010	0.3773	99.9	99.9
10693.	259.8	-62.2	45.7	45.7	-77.2	13.	0.0009	0.0009	0.3751	253.0	47.4
10738.	258.9	-62.4	45.8	45.8	-77.3	13.	0.0009	0.0010	0.3728	254.0	47.4
10784.	258.1	-62.6	45.9	45.9	-77.3	13.	0.0009	0.0009	0.3703	254.0	47.4
10833.	257.2	-62.9	46.0	46.0	-77.5	13.	0.0009	0.0009	0.3678	254.0	47.4
10881.	256.4	-63.2	46.1	46.1	-77.7	13.	0.0009	0.0009	0.3656	254.0	47.4
10927.	255.7	-63.4	46.2	46.2	-77.8	13.	0.0008	0.0008	0.3634	254.0	47.4
10972.	254.9	-63.7	46.3	46.3	-77.9	13.	0.0008	0.0008	0.3613	254.0	47.4
11019.	254.1	-63.9	46.4	46.4	-77.9	13.	0.0008	0.0008	0.3584	254.0	47.4
11066.	253.4	-64.1	46.5	46.5	-77.9	13.	0.0008	0.0008	0.3559	254.0	47.4
11114.	252.6	-64.3	46.6	46.6	-77.9	13.	0.0008	0.0008	0.3531	254.0	47.4
11161.	251.9	-64.5	46.7	46.7	-77.9	13.	0.0008	0.0008	0.3503	254.0	47.4
11207.	251.3	-64.6	46.8	46.8	-77.9	13.	0.0008	0.0008	0.3481	254.0	47.4
11255.	250.7	-64.7	46.9	46.9	-77.9	13.	0.0008	0.0008	0.3458	254.0	47.4
11300.	250.2	-64.8	47.0	47.0	-77.9	13.	0.0008	0.0008	0.3438	254.0	47.4
11346.	249.7	-64.9	47.1	47.1	-77.9	13.	0.0008	0.0008	0.3416	254.0	47.4
11391.	249.2	-65.0	47.2	47.2	-77.9	13.	0.0008	0.0008	0.3396	254.0	47.4
11440.	248.7	-65.1	47.3	47.3	-78.0	13.	0.0008	0.0008	0.3375	254.0	47.4
11487.	248.2	-65.2	47.4	47.4	-78.0	13.	0.0008	0.0008	0.3354	254.0	47.4
11535.	247.8	-65.3	47.5	47.5	-78.0	13.	0.0008	0.0008	0.3334	254.0	47.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11586.	195.5	-63.	80.	81.	-80.2	8.	0.0005	0.0006	0.3252	257.0	42.2
11614.	194.	-63.	80.	82.	-80.7	7.	0.0005	0.0006	0.3219	257.0	42.3
11650.	192.7	-63.	80.	82.	-80.2	7.	0.0005	0.0006	0.3180	257.0	42.2
11700.	191.	-62.	80.	82.	-79.7	7.	0.0006	0.0006	0.3159	257.0	42.2
11742.	189.6	-61.7	80.	82.	-80.4	6.	0.0005	0.0006	0.3130	257.0	42.1
11784.	188.7	-61.	80.	82.	-81.0	6.	0.0004	0.0006	0.3105	256.0	41.9
11827.	187.4	-61.1	80.	82.	-79.8	6.	0.0006	0.0006	0.3079	255.0	41.7
11874.	186.0	-60.	79.	82.	-80.7	5.	0.0005	0.0005	0.3051	254.0	41.6
11921.	184.6	-60.	79.	81.	-80.4	5.	0.0006	0.0006	0.3024	254.0	41.6
11968.	183.2	-60.	78.	81.	-81.0	4.	0.0004	0.0005	0.3003	251.0	41.1
12015.	181.8	-60.	78.	81.	-81.9	4.	0.0004	0.0004	0.2981	250.0	40.9
12060.	180.	-60.	78.	81.	-80.1	4.	0.0004	0.0004	0.2963	250.0	41.1
12105.	179.	-61.	78.	81.	-84.	5.	0.0003	0.0003	0.2944	99.9	99.9
12154.	177.	-61.	78.	81.	-84.	3.	0.0003	0.0003	0.2925	99.9	99.9
12206.	176.	-61.	78.	81.	-84.	3.	0.0003	0.0003	0.2896	99.9	99.9
12259.	174.	-62.	78.	81.	-86.	3.	0.0002	0.0002	0.2866	99.9	99.9
12315.	173.	-62.	78.	81.	-85.	2.	0.0002	0.0002	0.2835	253.	41.6
12376.	171.	-63.	78.	81.	-85.	1.	0.0002	0.0002	0.2804	253.	42.
12441.	170.	-56.	78.	81.	-84.	2.	0.0003	0.0003	0.2774	254.	42.
12506.	168.	-56.	78.	81.	-84.	2.	0.0003	0.0003	0.2743	254.	42.
12575.	167.	-56.	78.	81.	-84.	1.	0.0003	0.0003	0.2721	99.9	99.
12650.	166.	-56.	78.	81.	-86.	1.	0.0002	0.0002	0.2701	255.	42.
12727.	165.	-56.	78.	81.	-85.	1.	0.0001	0.0002	0.2685	255.	41.
12807.	164.	-56.	78.	81.	-87.	1.	0.0001	0.0002	0.2669	255.	42.
12887.	163.	-56.	78.	81.	-89.	1.	0.0001	0.0002	0.2655	256.	42.
12968.	162.	-56.	78.	81.	-88.	1.	0.0001	0.0002	0.2638	258.	42.
13050.	161.	-56.	78.	81.	-88.	1.	0.0001	0.0002	0.2619	259.	42.
13133.	160.	-56.	78.	81.	-88.	1.	0.0001	0.0002	0.2596	260.	42.
13217.	158.	-56.	78.	81.	-87.	1.	0.0001	0.0002	0.2574	260.	42.
13302.	157.	-56.	78.	81.	-87.	1.	0.0001	0.0002	0.2553	262.	42.
13387.	156.	-57.	78.	81.	-87.	1.	0.0001	0.0002	0.2531	262.	42.
13473.	155.	-57.	78.	81.	-87.	1.	0.0001	0.0002	0.2511	263.	42.
13559.	154.	-57.	78.	81.	-87.	1.	0.0001	0.0002	0.2490	263.	42.
13646.	152.	-57.	78.	81.	-87.	1.	0.0001	0.0002	0.2470	99.9	99.
13733.	151.	-57.	78.	81.	-87.	1.	0.0001	0.0002	0.2454	263.	41.
13820.	150.	-57.	78.	81.	-87.	1.	0.0001	0.0002	0.2440	263.	41.
13908.	149.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2425	262.	41.
13996.	147.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2410	261.	40.
14085.	146.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2393	261.	40.
14174.	145.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2375	261.	40.
14264.	144.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2358	261.	40.
14354.	143.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2339	261.	40.
14445.	142.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2321	261.	39.
14536.	140.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2305	261.	39.
14628.	139.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2288	261.	39.
14720.	138.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2271	261.	39.
14813.	137.	-58.	78.	81.	-88.	1.	0.0001	0.0002	0.2253	262.	39.
14907.	136.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2235	263.	39.
15001.	135.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2219	264.	39.
15095.	134.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2200	265.	39.
15190.	133.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2182	265.	39.
15286.	132.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2166	266.	39.
15382.	131.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2147	266.	39.
15479.	130.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2131	267.	39.
15577.	129.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2116	268.	39.
15675.	128.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2097	269.	39.
15774.	127.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2077	269.	39.
15874.	126.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2058	268.	39.
15974.	125.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2038	269.	39.
16075.	124.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2022	269.	39.
16176.	123.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.2005	270.	39.
16278.	122.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1988	270.	39.
16381.	121.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1976	270.	39.
16484.	120.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1961	270.	39.
16588.	119.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1947	270.	39.
16693.	118.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1931	270.	39.
16798.	117.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1916	271.	38.
16904.	116.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1901	271.	38.
17011.	115.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1884	271.	38.
17118.	114.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1869	271.	38.
17226.	113.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1851	271.	38.
17335.	112.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1836	272.	38.
17444.	111.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1822	273.	38.
17554.	110.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1807	273.	38.
17665.	109.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1793	274.	39.
17776.	108.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1777	275.	39.
17888.	107.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1761	276.	40.
18001.	106.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1745	276.	40.
18115.	105.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1728	276.	40.
18229.	104.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1714	277.	40.
18344.	103.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1700	277.	40.
18460.	102.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1686	278.	41.
18577.	101.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1674	278.	41.
18694.	100.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1660	278.	41.
18812.	99.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1643	278.	41.
18931.	98.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1630	278.	41.
19050.	97.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1615	278.	41.
19170.	96.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1601	279.	41.
19291.	95.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1589	278.	42.
19412.	94.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1576	278.	42.
19534.	93.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1562	277.	41.
19657.	92.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1546	277.	41.
19781.	91.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1530	277.	41.
19905.	90.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1516	277.	42.
20030.	89.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1503	276.	42.
20156.	88.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1491	276.	42.
20283.	87.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1478	276.	42.
20410.	86.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1464	276.	42.
20539.	85.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1454	276.	42.
20668.	84.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1442	275.	42.
20798.	83.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1431	275.	42.
20929.	82.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1420	275.	42.
21061.	81.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1409	274.	42.
21194.	80.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1399	274.	42.
21328.	79.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1386	273.	42.
21463.	78.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1376	273.	42.
21599.	77.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1364	273.	42.
21736.	76.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1353	273.	42.
21874.	75.	-58.	78.	81.	-87.	1.	0.0001	0.0002	0.1340	274.	42.

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
16904.	83.9	-51.[illegible]	175.6	175.6	-84.3	1.	[illegible]	0.0003	0.1324	274.0	42.5
16951.	83.5	-51.[illegible]	176.9	176.9	-84.5	1.	[illegible]	0.0003	0.1319	273.0	41.8
17000.	83.0	-52.[illegible]	175.[illegible]	175.[illegible]	-84.4	1.	[illegible]	0.0003	0.1309	273.0	41.[illegible]
17050.	82.6	-52.[illegible]	176.[illegible]	176.[illegible]	-84.4	1.	0.0003	0.0003	0.1299	273.0	41.[illegible]
17100.	82.1	-52.[illegible]	177.[illegible]	177.[illegible]	-84.3	1.	[illegible]	0.0003	0.1288	273.0	41.[illegible]
17150.	81.7	-52.[illegible]	178.4	178.4	-84.2	1.	[illegible]	0.0003	0.1278	273.0	40.[illegible]
17200.	81.2	-52.[illegible]	179.[illegible]	179.[illegible]	-84.0	1.	[illegible]	0.0003	0.1265	274.0	40.7
17250.	80.8	-52.[illegible]	180.[illegible]	180.[illegible]	-84.0	1.	[illegible]	0.0003	0.1255	274.0	40.5
17300.	80.4	-52.[illegible]	181.[illegible]	181.[illegible]	-84.1	1.	[illegible]	0.0003	0.1247	274.0	39.8
17350.	80.0	-52.[illegible]	181.7	181.7	-84.1	1.	[illegible]	0.0003	0.1240	274.0	39.[illegible]
17365.	79.9	-52.[illegible]	182.[illegible]	182.[illegible]	-84.1	1.	[illegible]	0.0003	0.1234	273.0	39.[illegible]
17411.	79.5	-52.[illegible]	183.[illegible]	183.[illegible]	-84.1	1.	[illegible]	0.0003	0.1222	272.0	38.3
17474.	78.9	-51.[illegible]	184.[illegible]	184.[illegible]	-84.5	1.	[illegible]	0.0003	0.1210	271.0	37.3
17524.	78.5	-51.[illegible]	185.4	185.4	-84.5	1.	[illegible]	0.0004	0.1200	272.0	37.0
17574.	78.1	-51.[illegible]	186.[illegible]	186.[illegible]	-83.[illegible]	1.	[illegible]	0.0004	0.1190	273.0	36.[illegible]
17624.	77.6	-51.[illegible]	187.[illegible]	187.[illegible]	-83.[illegible]	1.	[illegible]	0.0004	0.1181	273.0	36.7
17674.	77.2	-51.[illegible]	188.[illegible]	188.[illegible]	-82.9	1.	[illegible]	0.0004	0.1170	274.0	36.7
17724.	76.8	-51.[illegible]	189.[illegible]	189.[illegible]	-82.[illegible]	1.	[illegible]	0.0004	0.1158	274.0	36.5
17774.	76.3	-50.[illegible]	190.[illegible]	190.[illegible]	-82.[illegible]	1.	[illegible]	0.0004	0.1146	274.0	36.2
17824.	75.9	-50.[illegible]	191.[illegible]	191.[illegible]	-82.[illegible]	1.	[illegible]	0.0004	0.1135	274.0	35.8
17874.	75.4	-50.[illegible]	192.[illegible]	192.[illegible]	-82.[illegible]	1.	[illegible]	0.0004	0.1124	274.0	35.[illegible]
17924.	75.0	-49.[illegible]	193.[illegible]	193.[illegible]	-81.[illegible]	1.	[illegible]	0.0004	0.1114	273.0	34.5
17974.	74.6	-49.[illegible]	194.[illegible]	194.[illegible]	-81.[illegible]	1.	[illegible]	0.0004	0.1103	99.9	99.9
18024.	74.1	-49.[illegible]	195.[illegible]	195.[illegible]	-81.[illegible]	1.	[illegible]	0.0004	0.1096	99.9	99.9
18074.	73.7	-49.[illegible]	196.[illegible]	196.[illegible]	-81.[illegible]	1.	[illegible]	0.0004	0.1086	99.9	99.9
18124.	73.3	-49.[illegible]	197.[illegible]	197.[illegible]	-81.[illegible]	1.	[illegible]	0.0004	0.1079	265.0	36.1
18181.	72.8	-48.[illegible]	198.[illegible]	198.[illegible]	-81.[illegible]	1.	[illegible]	0.0005	0.1070	99.9	99.9
18232.	72.3	-48.7	199.[illegible]	199.[illegible]	-81.[illegible]	1.	[illegible]	0.0005	0.1060	99.9	99.9
18287.	71.8	-48.[illegible]	211.4	211.4	-81.[illegible]	1.	[illegible]	0.0005	0.1051	99.9	99.9
18335.	71.3	-48.[illegible]	213.1	213.1	-81.[illegible]	1.	[illegible]	0.0006	0.1042	99.9	99.9
18384.	70.8	-48.[illegible]	214.[illegible]	214.[illegible]	-81.[illegible]	1.	[illegible]	0.0006	0.1034	99.9	99.9
18434.	70.3	-47.7	216.2	216.2	-81.[illegible]	1.	[illegible]	0.0006	0.1024	99.9	99.9
18484.	69.7	-47.[illegible]	218.4	218.4	-79.[illegible]	1.	[illegible]	0.0006	0.1013	99.9	99.9
18534.	69.2	-46.[illegible]	220.[illegible]	220.[illegible]	-79.7	1.	[illegible]	0.0006	0.1004	99.9	99.9
18585.	68.7	-46.4	222.5	222.5	-79.[illegible]	1.	[illegible]	0.0007	0.0994	99.9	99.9
18647.	68.2	-46.[illegible]	223.6	223.6	-79.[illegible]	1.	[illegible]	0.0007	0.0986	99.9	99.9
18698.	67.7	-46.[illegible]	224.5	224.5	-73.4	1.	[illegible]	0.0007	0.0979	99.9	99.9
18751.	67.2	-46.[illegible]	225.[illegible]	225.[illegible]	-79.4	1.	[illegible]	0.0007	0.0971	99.9	99.9
18814.	66.6	-46.5	227.[illegible]	227.[illegible]	-79.4	1.	[illegible]	0.0007	0.0962	295.0	42.9
18867.	66.1	-46.[illegible]	227.[illegible]	227.[illegible]	-79.4	1.	[illegible]	0.0007	0.0955	296.0	43.1
18921.	65.6	-46.6	229.1	229.1	-79.4	1.	[illegible]	0.0007	0.0947	297.0	43.3
18974.	65.1	-46.6	230.[illegible]	230.[illegible]	-79.4	1.	[illegible]	0.0007	0.0940	298.0	43.6
19029.	64.6	-46.3	232.1	232.1	-79.[illegible]	1.	[illegible]	0.0007	0.0931	298.0	43.8
19084.	64.1	-46.[illegible]	233.[illegible]	233.[illegible]	-79.0	1.	[illegible]	0.0007	0.0922	299.0	44.1
19139.	63.6	-45.6	235.1	235.1	-78.7	1.	[illegible]	0.0007	0.0912	300.0	44.2
19195.	63.1	-45.7	237.1	237.1	-78.[illegible]	1.	[illegible]	0.0007	0.0905	301.0	44.[illegible]
19241.	62.7	-45.[illegible]	237.[illegible]	237.[illegible]	-78.9	1.	[illegible]	0.0007	0.0900	301.0	44.4
19297.	62.2	-45.1	238.4	238.4	-79.1	1.	[illegible]	0.0007	0.0893	99.9	99.9
19343.	61.8	-46.1	239.4	239.4	-79.1	1.	[illegible]	0.0007	0.0887	99.9	99.9
19401.	61.3	-46.1	240.7	240.7	-79.1	1.	[illegible]	0.0007	0.0879	300.0	44.2
19447.	60.9	-46.1	241.7	241.7	-79.1	1.	[illegible]	0.0007	0.0873	99.9	99.9
19506.	60.4	-46.[illegible]	242.[illegible]	242.[illegible]	-79.1	1.	[illegible]	0.0007	0.0866	99.9	99.9
19553.	60.0	-46.5	243.1	243.1	-79.4	1.	[illegible]	0.0007	0.0861	297.0	41.5
19612.	59.5	-46.[illegible]	243.6	243.6	-79.7	1.	[illegible]	0.0008	0.0855	296.0	41.[illegible]
19666.	59.1	-47.3	243.7	243.7	-79.9	1.	[illegible]	0.0008	0.0850	296.0	40.5
19708.	58.7	-47.7	243.9	243.9	-80.2	1.	[illegible]	0.0008	0.0845	295.0	40.0
19757.	58.3	-48.[illegible]	244.3	244.3	-80.[illegible]	1.	[illegible]	0.0008	0.0840	294.0	39.5
19818.	57.8	-48.[illegible]	245.[illegible]	245.[illegible]	-80.[illegible]	1.	[illegible]	0.0008	0.0832	292.0	38.[illegible]
19867.	57.4	-48.[illegible]	246.7	246.7	-80.5	1.	[illegible]	0.0008	0.0826	291.0	38.4
19916.	57.0	-47.[illegible]	248.1	248.1	-80.4	1.	[illegible]	0.0008	0.0820	291.0	38.3
19979.	56.5	-47.[illegible]	249.[illegible]	249.[illegible]	-80.4	1.	[illegible]	0.0008	0.0812	291.0	37.8
20029.	56.1	-48.[illegible]	250.4	250.4	-80.5	1.	[illegible]	0.0008	0.0806	290.0	37.6
20092.	55.6	-47.[illegible]	252.[illegible]	252.[illegible]	-80.2	1.	[illegible]	0.0008	0.0797	290.0	37.4
20144.	55.2	-47.4	254.4	254.4	-80.[illegible]	1.	[illegible]	0.0008	0.0790	289.0	37.2
20209.	54.7	-47.1	256.[illegible]	256.[illegible]	-79.8	1.	[illegible]	0.0008	0.0781	289.0	37.0
20261.	54.3	-46.[illegible]	259.[illegible]	259.[illegible]	-79.4	1.	[illegible]	0.0008	0.0773	289.0	36.8
20327.	53.[illegible]	-46.[illegible]	261.[illegible]	261.[illegible]	-79.0	1.	[illegible]	0.0008	0.0764	289.0	36.6
20384.	53.4	-45.9	263.4	263.4	-78.9	1.	[illegible]	0.0008	0.0757	289.0	36.3
20435.	53.0	-45.9	264.6	264.6	-78.9	1.	[illegible]	0.0008	0.0751	290.0	36.[illegible]
20507.	52.5	-45.[illegible]	267.[illegible]	267.[illegible]	-78.4	1.	[illegible]	0.0008	0.0741	291.0	36.2
20556.	52.1	-44.5	270.[illegible]	270.[illegible]	-77.9	1.	[illegible]	0.0008	0.0733	291.0	36.2
20614.	51.7	-43.[illegible]	273.[illegible]	273.[illegible]	-77.4	1.	0.0009	0.0009	0.0725	292.0	36.4
20671.	51.3	-43.1	276.8	276.8	-76.9	1.	0.0009	0.0010	0.0716	292.0	36.2
20728.	50.9	-43.[illegible]	278.4	278.4	-76.8	1.	0.0009	0.0010	0.0710	293.0	36.[illegible]
20800.	50.4	-42.[illegible]	280.5	280.5	-76.7	1.	0.0009	0.0010	0.0702	293.0	35.7
20844.	50.1	-42.[illegible]	282.[illegible]	282.[illegible]	-76.5	1.	0.0010	0.0011	0.0696	294.0	35.5
20903.	49.7	-42.[illegible]	284.4	284.4	-76.2	1.	0.0010	0.0011	0.0689	294.0	35.2
20962.	49.3	-42.3	285.[illegible]	285.[illegible]	-74.3	1.	0.0010	0.0011	0.0684	294.0	35.[illegible]
21022.	48.9	-42.[illegible]	286.[illegible]	286.[illegible]	-74.[illegible]	1.	0.0010	0.0011	0.0678	294.0	35.1
21082.	48.5	-42.9	286.9	286.9	-76.7	1.	0.0009	0.0010	0.0673	294.0	35.5
21127.	48.2	-43.2	287.3	287.3	-77.0	1.	0.0009	0.0010	0.0670	294.0	35.4

SOUNDING 2.0
LATITUDE -50.2 LONGITUDE -26.7
DATE 10-15-81 TIME 2359 GMT
NUMBER OF LEVELS 85

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	998.7	2.0	2.1	2.7	-0.3	85.	6.0253	4.7841	1.2692	10.0	14.0
55.	991.9	2.5	3.1	3.8	1.0	90.	6.6111	5.2247	1.2588	10.0	13.9
111.	985.1	3.1	4.3	5.1	2.2	94.	7.2051	5.6693	1.2479	357.0	15.8
166.	978.4	3.6	5.3	6.2	3.2	97.	7.7022	6.0398	1.2376	349.0	17.8
219.	972.0	3.3	5.6	6.4	3.0	98.	7.6184	5.9774	1.2308	343.0	18.6
273.	965.9	3.1	5.9	6.7	2.8	98.	7.5112	5.8976	1.2239	338.0	21.0
322.	959.7	2.9	6.2	7.0	2.5	97.	7.3298	5.7623	1.2169	335.0	22.1
372.	953.9	2.8	6.5	7.3	2.2	96.	7.2028	5.6675	1.2099	333.0	22.9
425.	947.6	2.5	6.8	7.6	1.9	96.	7.0507	5.5539	1.2031	331.0	23.4
480.	941.2	2.3	7.1	7.9	1.6	95.	6.8785	5.4250	1.1958	329.0	23.7
537.	934.6	3.1	8.5	9.3	1.9	92.	7.0506	5.5538	1.1841	328.0	23.8
593.	928.1	3.8	9.8	10.6	2.2	89.	7.1660	5.6401	1.1730	327.0	23.8
648.	921.9	3.5	10.0	10.8	1.2	85.	6.7006	5.2918	1.1662	326.0	23.7
703.	915.6	3.1	10.1	10.9	0.3	82.	6.2838	4.9787	1.1596	326.0	23.5
759.	909.3	2.7	10.3	11.0	-0.2	81.	6.0335	4.7902	1.1531	326.0	23.3
814.	903.2	2.3	10.4	11.1	-0.8	80.	5.7917	4.6077	1.1469	325.0	23.4
870.	896.9	2.0	10.7	11.3	-1.4	78.	5.5271	4.4075	1.1399	324.0	23.2
924.	890.9	1.7	10.9	11.5	-3.8	67.	4.6468	3.7377	1.1329	323.0	23.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
991.	884.5	1.[illegible]	11.[illegible]	11.7	-7.[illegible]	57.	5.6274	2.6504	1.1250	3[illegible].0	0[illegible].6
1040.	879.2	1.4	11.[illegible]	12.1	-12.[illegible]	[illegible].	2.4478	2.0278	1.1163	3[illegible].0	0[illegible].1
1295.	872.2	1.3	12.[illegible]	12.4	-21.[illegible]	16.	1.0772	0.9234	1.1080	3[illegible].0	0[illegible].1
1147.	866.5	1.1	12.[illegible]	12.7	-22.7	15.	0.9614	0.8619	1.1015	3[illegible].0	0[illegible].1
1100.	860.5	[illegible]	12.[illegible]	12.[illegible]	-21.[illegible]	17.	1.1151	0.9515	1.0957	3[illegible].0	0[illegible].1
1243.	855.6	[illegible]	12.[illegible]	13.[illegible]	-1[illegible].[illegible]	23.	1.4557	1.2350	1.0908	3[illegible].0	0[illegible].1
1320.	850.6	-0.1	13.1	13.4	-13.[illegible]	[illegible].	0.2245	1.8543	1.0856	3[illegible].0	0[illegible].7
1348.	844.0	-0.[illegible]	13.[illegible]	13.[illegible]	-9.1	47.	0.6363	2.3273	1.0807	3[illegible].0	0[illegible].8
1401.	838.4	-0.4	13.[illegible]	14.[illegible]	-7.5	57.	0.8433	2.7548	1.0748	3[illegible].0	0[illegible].7
1453.	834.0	-0.6	13.[illegible]	14.4	-5.4	67.	3.8116	3.1652	1.0691	3[illegible].0	0[illegible].7
1505.	828.6	-0.8	14.1	14.7	-4.2	76.	4.3260	3.4865	1.0637	3[illegible].0	0[illegible].7
1556.	823.3	-1.0	14.[illegible]	14.[illegible]	-4.6	74.	4.1114	3.3186	1.0579	3[illegible].0	0[illegible].6
1613.	817.4	-1.[illegible]	14.6	15.1	-5.4	72.	3.9[illegible]6	3.1554	1.0514	3[illegible].0	0[illegible].1
1776.	803.8	-0.[illegible]	14.[illegible]	15.[illegible]	-4.7	72.	4.4869	2.8216	1.0351	3[illegible].0	0[illegible].7
1935.	784.6	-4.[illegible]	15.[illegible]	15.[illegible]	-7.[illegible]	73.	3.1776	2.5942	1.0187	3[illegible].0	0[illegible].7
2104.	766.1	-5.[illegible]	15.[illegible]	16.[illegible]	-8.[illegible]	78.	2.5366	2.4866	1.0018	3[illegible].0	0[illegible].7
2272.	751.[illegible]	-6.[illegible]	16.[illegible]	16.[illegible]	-1[illegible]	[illegible].	2.3454	2.3342	0.9849	3[illegible].0	0[illegible].4
2433.	736.4	-7.[illegible]	16.7	17.1	-6.7	83.	2.6770	2.1986	0.9682	3[illegible].0	0[illegible].1
2592.	721.[illegible]	-8.[illegible]	17.[illegible]	17.[illegible]	-10.[illegible]	[illegible].	2.4134	1.9988	0.9521	3[illegible].0	0[illegible].7
2741.	707.7	-8.[illegible]	18.4	18.[illegible]	-11.[illegible]	[illegible].	2.3364	1.9329	0.9358	2[illegible].0	0[illegible].4
2888.	694.7	-9.[illegible]	18.[illegible]	18.[illegible]	-11.1	[illegible].	2.3581	1.9484	0.9178	2[illegible].0	0[illegible].4
3043.	680.6	-9.[illegible]	18.[illegible]	19.[illegible]	-11.[illegible]	84.	2.2386	1.8477	0.9021	2[illegible].0	2[illegible].1
3198.	667.2	-10.[illegible]	19.[illegible]	19.7	-12.7	84.	2.2031	1.8917	0.8876	2[illegible].0	2[illegible].0
3356.	653.4	-11.7	20.1	20.4	-13.4	86.	1.9656	1.6060	0.8722	2[illegible].0	2[illegible].1
3525.	639.1	-12.7	20.[illegible]	20.[illegible]	-14.6	84.	1.7125	1.4403	0.8563	2[illegible].0	2[illegible].1
3684.	625.4	-13.[illegible]	20.[illegible]	20.[illegible]	-15.[illegible]	82.	1.5457	1.3012	0.8414	2[illegible].0	2[illegible].5
3847.	612.6	-15.[illegible]	20.[illegible]	20.[illegible]	-17.[illegible]	77.	1.2764	1.0831	0.8278	2[illegible].0	2[illegible].7
3999.	600.3	-16.[illegible]	20.[illegible]	20.[illegible]	-20.[illegible]	65.	1.0344	0.8654	0.8154	2[illegible].0	2[illegible].7
4157.	587.8	-17.[illegible]	20.[illegible]	20.[illegible]	-21.[illegible]	68.	0.8604	0.7269	0.8317	2[illegible].0	2[illegible].7
4315.	575.5	-18.7	20.[illegible]	20.[illegible]	-22.7	68.	0.7371	0.6894	0.7886	2[illegible].0	2[illegible].7
4473.	563.4	-20.[illegible]	20.[illegible]	20.[illegible]	-23.4	72.	0.7485	0.6467	0.7759	2[illegible].0	2[illegible].8
4629.	551.9	-21.[illegible]	20.[illegible]	20.[illegible]	-24.1	76.	0.6942	0.6039	0.7643	2[illegible].0	2[illegible].8
4783.	539.4	-22.[illegible]	20.[illegible]	20.[illegible]	-25.[illegible]	77.	0.6196	0.5415	0.7505	2[illegible].0	2[illegible].4
4963.	527.0	-24.1	20.[illegible]	20.[illegible]	-26.3	80.	0.5552	0.4874	0.7376	2[illegible].0	2[illegible].7
5139.	514.7	-25.[illegible]	20.[illegible]	20.[illegible]	-28.7	72.	0.4348	0.3853	0.7244	2[illegible].0	2[illegible].6
5322.	502.9	-27.[illegible]	20.[illegible]	20.[illegible]	-30.4	58.	0.1932	0.1768	0.7125	2[illegible].0	2[illegible].0
5457.	493.2	-27.2	20.[illegible]	20.[illegible]	-30.8	59.	0.1474	0.1363	0.6973	2[illegible].0	3[illegible].0
5594.	482.6	-27.5	20.[illegible]	20.4	-30.4	58.	0.1381	0.1280	0.6845	2[illegible].0	3[illegible].1
5736.	473.3	-28.1	20.[illegible]	20.[illegible]	-30.9	58.	0.1287	0.1206	0.6730	2[illegible].0	3[illegible].3
5866.	464.9	-28.[illegible]	20.[illegible]	20.[illegible]	-40.3	29.	0.1239	0.1153	0.6632	2[illegible].0	3[illegible].7
6007.	455.[illegible]	-29.[illegible]	21.4	21.5	-39.3	36.	0.1401	0.1298	0.6526	2[illegible].0	3[illegible].4
6159.	446.1	-31.2	21.5	21.6	-37.0	43.	0.1446	0.1338	0.6424	2[illegible].0	3[illegible].6
6316.	436.3	-32.[illegible]	21.4	21.[illegible]	-35.1	50.	0.1419	0.1314	0.6325	2[illegible].0	3[illegible].7
6465.	427.1	-34.1	21.7	21.7	-38.[illegible]	40.	0.1482	0.1370	0.6225	2[illegible].0	3[illegible].3
6612.	417.2	-34.[illegible]	22.[illegible]	22.[illegible]	-42.[illegible]	25.	0.1038	0.0966	0.6113	2[illegible].0	3[illegible].0
6757.	409.6	-35.[illegible]	23.[illegible]	23.[illegible]	-44.9	26.	0.0751	0.0694	0.6015	2[illegible].0	3[illegible].1
6912.	400.5	-37.[illegible]	23.[illegible]	23.[illegible]	-45.6	28.	0.0685	0.0637	0.5914	2[illegible].0	3[illegible].1
7070.	391.4	-38.4	23.7	23.7	-45.9	42.	0.0447	0.0617	0.5809	2[illegible].0	3[illegible].2
7215.	383.2	-39.[illegible]	24.[illegible]	24.[illegible]	-46.7	44.	0.0593	0.0567	0.5716	2[illegible].0	3[illegible].2
7363.	375.0	-40.[illegible]	24.[illegible]	24.[illegible]	-47.5	44.	0.0554	0.0508	0.5618	2[illegible].0	3[illegible].7
7522.	366.[illegible]	-41.[illegible]	25.1	25.1	-48.4	46.	0.0482	0.0465	0.5516	2[illegible].0	3[illegible].2
7661.	358.[illegible]	-43.[illegible]	25.[illegible]	25.[illegible]	-49.[illegible]	47.	0.0439	0.0415	0.5431	2[illegible].0	3[illegible].9
7813.	350.[illegible]	-44.[illegible]	25.7	25.7	-50.[illegible]	47.	0.0373	0.0363	0.5338	2[illegible].0	3[illegible].1
7984.	341.9	-45.9	25.6	25.6	-53.[illegible]	42.	0.0273	0.0268	0.5241	2[illegible].0	3[illegible].6
8163.	332.[illegible]	-47.[illegible]	25.7	25.7	-54.6	42.	0.0222	0.0221	0.5140	2[illegible].0	3[illegible].1
8325.	324.7	-48.[illegible]	26.1	26.1	-56.[illegible]	41.	0.0185	0.0185	0.5044	2[illegible].0	4[illegible].3
8475.	317.3	-50.1	26.4	26.4	-56.7	43.	0.0166	0.0168	0.4956	2[illegible].0	4[illegible].0
8623.	310.[illegible]	-51.[illegible]	26.8	26.8	-57.[illegible]	43.	0.0144	0.0145	0.4871	2[illegible].0	4[illegible].8
8768.	303.3	-52.[illegible]	27.1	27.1	-59.[illegible]	42.	0.0121	0.0123	0.4789	2[illegible].0	4[illegible].9
8905.	296.9	-53.[illegible]	27.4	27.4	-60.[illegible]	42.	0.0[illegible]5	0.0107	0.4711	2[illegible].0	4[illegible].4
9049.	290.[illegible]	-54.[illegible]	28.[illegible]	28.[illegible]	-61.[illegible]	40.	0.00[illegible]8	0.0090	0.4627	2[illegible].0	4[illegible].2
9191.	283.[illegible]	-55.[illegible]	28.3	28.3	-63.[illegible]	38.	0.0072	0.0074	0.4550	2[illegible].0	4[illegible].7
9336.	277.5	-56.[illegible]	28.7	28.7	-64.2	37.	0.0061	0.0063	0.4479	2[illegible].0	4[illegible].6
9481.	271.[illegible]	-58.1	29.[illegible]	29.[illegible]	-65.7	35.	0.0049	0.0051	0.4393	2[illegible].0	4[illegible].1
9621.	265.2	-59.3	29.3	29.[illegible]	-66.8	35.	0.0042	0.0044	0.4320	2[illegible].0	4[illegible].8
9768.	259.0	-60.6	29.5	29.[illegible]	-68.2	34.	0.0034	0.0036	0.4245	2[illegible].0	4[illegible].0
9911.	253.1	-61.9	29.6	29.6	-69.6	33.	0.0028	0.0029	0.4174	2[illegible].0	4[illegible].1

SOUNDING 3.0
LATITUDE -51.1 LONGITUDE -23.[illegible]
DATE 10-16-81 TIME 1154 GMT
NUMBER OF LEVELS 432

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	995.4	2.4	2.4	3.[illegible]	0.[illegible]	92.	6.5214	5.1574	1.2654	320.0	4.0
45.	989.9	2.0	2.[illegible]	3.4	-0.4	84.	5.9542	4.7305	1.2580	320.0	3.9
90.	984.4	2.1	3.3	3.9	-1.5	77.	5.4970	4.3848	1.2503	299.0	4.7
131.	979.4	3.3	4.[illegible]	5.[illegible]	-2.0	68.	5.2964	4.2250	1.2384	286.0	5.6
175.	974.1	4.4	6.5	7.0	-2.5	61.	5.1237	4.1014	1.2267	278.0	6.5
222.	968.4	4.2	6.[illegible]	7.3	-3.[illegible]	56.	4.6382	3.7311	1.2201	274.0	7.3
270.	962.5	4.[illegible]	7.[illegible]	7.5	-4.[illegible]	54.	4.4101	3.5565	1.2134	271.0	8.1
325.	956.2	3.7	7.3	7.[illegible]	-4.[illegible]	57.	4.5577	3.6696	1.2069	269.0	8.6
376.	950.2	3.3	7.4	7.[illegible]	-3.5	61.	4.7417	3.8102	1.2012	267.0	8.9
424.	944.6	2.[illegible]	7.4	8.0	-3.2	64.	4.8359	3.8821	1.1959	265.0	9.1
470.	939.[illegible]	2.6	7.[illegible]	8.1	-2.9	67.	4.9558	3.9735	1.1906	264.0	9.[illegible]
513.	934.3	2.3	7.7	8.[illegible]	-2.[illegible]	69.	4.9958	4.0040	1.1856	264.0	9.[illegible]
554.	929.5	2.[illegible]	7.[illegible]	8.4	-2.[illegible]	70.	4.9608	3.9773	1.1808	263.0	9.[illegible]
599.	924.[illegible]	1.[illegible]	8.0	8.6	-2.9	71.	4.9602	3.9768	1.1752	263.0	9.[illegible]
647.	918.[illegible]	1.5	8.[illegible]	8.[illegible]	-2.[illegible]	73.	4.9913	4.0006	1.1695	263.0	9.[illegible]
698.	913.3	1.1	8.3	8.[illegible]	-2.[illegible]	75.	4.9427	3.9940	1.1641	266.0	9.5
746.	907.6	0.7	8.4	9.0	-2.9	77.	4.9701	3.9844	1.1585	268.0	9.9
797.	901.[illegible]	0.3	8.5	9.1	-2.7	80.	5.0163	4.0196	1.1529	269.0	10.1
847.	896.2	-0.1	8.6	9.1	-3.7	74.	4.5035	3.6216	1.1470	270.0	10.3
896.	890.7	-0.4	8.8	9.3	-4.6	70.	4.1558	3.3538	1.1410	272.0	10.5
943.	885.5	-0.6	9.0	9.5	-5.2	68.	3.9708	3.2108	1.1350	270.0	10.3
988.	880.5	-0.9	9.2	9.6	-5.5	68.	3.8733	3.1353	1.1298	270.0	10.2
1031.	875.8	-1.1	9.4	9.9	-5.5	69.	3.8655	3.1293	1.1246	270.0	10.2
1076.	870.9	-1.5	9.4	9.9	-5.7	70.	3.7931	3.0732	1.1199	270.0	10.0
1124.	865.6	-1.9	9.5	10.0	-6.1	70.	3.6685	2.9766	1.1146	270.0	9.9
1175.	860.1	-2.3	9.6	10.0	-6.7	69.	3.4970	2.8434	1.1091	270.0	9.8
1227.	854.4	-2.7	9.7	10.[illegible]	-7.0	69.	3.3815	2.7535	1.1033	269.0	9.5
1277.	849.1	-3.0	9.9	10.3	-7.5	68.	3.2494	2.6504	1.0976	269.0	9.5
1325.	843.9	-3.3	10.1	10.5	-7.8	68.	3.1682	2.5870	1.0920	269.0	9.5
1373.	838.8	-3.7	10.2	10.6	-8.0	69.	3.1078	2.5398	1.0870	269.0	9.5
1425.	833.3	-4.1	10.3	10.7	-8.1	71.	3.0912	2.5268	1.0815	269.0	9.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1477.	827.8	-4.4	10.5	10.9	-8.4	71.	3.0133	2.4658	1.0755	270.0	9.7
1530.	822.3	-4.7	10.7	11.1	-8.7	71.	2.9372	2.4062	1.0695	270.0	9.9
1579.	817.1	-5.1	10.8	11.2	-10.4	63.	2.5186	2.0770	1.0640	270.0	10.2
1628.	812.0	-5.2	11.2	11.6	-11.8	56.	2.2196	1.8403	1.0575	271.0	10.5
1683.	806.4	-5.4	11.6	11.8	-13.2	50.	1.9481	1.6241	1.0508	271.0	10.8
1734.	801.1	-5.6	11.9	12.2	-12.8	53.	2.0298	1.6893	1.0448	273.0	11.1
1788.	795.6	-5.8	12.2	12.5	-12.4	56.	2.1081	1.7517	1.0384	273.0	11.3
1839.	790.4	-6.1	12.5	12.8	-12.1	59.	2.1644	1.7964	1.0329	273.0	11.6
1888.	785.5	-6.5	12.5	12.8	-12.3	60.	2.1263	1.7661	1.0280	272.0	11.8
1939.	780.4	-6.8	12.7	13.0	-12.4	61.	2.1063	1.7502	1.0224	271.0	11.8
1986.	775.7	-7.1	12.9	13.2	-12.7	61.	2.0521	1.7071	1.0174	274.0	12.1
2037.	770.6	-7.4	13.1	13.4	-13.1	60.	1.9665	1.6388	1.0118	274.0	12.2
2093.	765.1	-7.8	13.3	13.6	-13.7	59.	1.8674	1.5596	1.0060	274.0	12.4
2149.	759.6	-8.1	13.6	13.8	-14.2	58.	1.7882	1.4962	0.9999	275.0	12.5
2204.	754.2	-8.4	13.8	14.1	-14.8	56.	1.6817	1.4108	0.9938	274.0	12.5
2257.	749.1	-8.7	14.0	14.3	-15.5	54.	1.5795	1.3285	0.9881	274.0	12.7
2307.	744.2	-9.2	14.0	14.3	-16.2	53.	1.4834	1.2510	0.9834	275.0	12.9
2358.	739.3	-9.6	14.1	14.4	-16.0	56.	1.5129	1.2748	0.9785	276.0	13.0
2408.	734.6	-10.0	14.2	14.5	-16.0	58.	1.5123	1.2743	0.9737	276.0	13.2
2455.	730.1	-10.5	14.4	14.7	-16.3	59.	1.4715	1.2413	0.9696	277.0	13.4
2503.	725.5	-10.9	14.5	14.8	-16.3	61.	1.4680	1.2385	0.9650	278.0	13.8
2550.	721.1	-11.2	14.7	14.9	-16.6	61.	1.4291	1.2070	0.9602	279.0	14.1
2596.	716.8	-11.4	14.7	14.9	-17.9	55.	1.2656	1.0743	0.9551	279.0	14.3
2643.	712.4	-11.6	15.0	15.2	-19.7	47.	1.0622	0.9083	0.9498	280.0	14.5
2692.	707.8	-11.7	15.4	15.6	-22.3	37.	0.8287	0.7158	0.9438	280.0	14.8
2739.	703.5	-11.8	15.7	15.8	-25.3	28.	0.6159	0.5385	0.9386	280.0	14.9
2785.	699.3	-12.4	15.6	15.8	-23.2	37.	0.7780	0.6738	0.9349	281.0	15.0
2834.	694.8	-13.0	15.5	15.7	-21.7	44.	0.8762	0.7551	0.9311	281.0	15.1
2882.	690.4	-13.5	15.5	15.6	-21.1	49.	0.9323	0.8015	0.9271	282.0	15.2
2932.	685.9	-14.0	15.5	15.6	-21.2	51.	0.9271	0.7971	0.9228	282.0	15.2
2983.	681.3	-14.5	15.5	15.6	-21.4	52.	0.9028	0.7772	0.9184	282.0	15.3
3036.	676.5	-15.0	15.5	15.6	-21.5	54.	0.8954	0.7710	0.9137	282.0	15.2
3087.	672.0	-15.5	15.5	15.6	-21.4	57.	0.9024	0.7768	0.9094	283.0	15.6
3136.	667.6	-16.0	15.5	15.6	-21.4	60.	0.9068	0.7804	0.9052	284.0	15.8
3188.	663.0	-16.4	15.6	15.7	-21.8	60.	0.8736	0.7530	0.9003	284.0	16.0
3239.	658.5	-16.9	15.6	15.7	-22.1	61.	0.8476	0.7315	0.8959	285.0	16.3
3288.	654.1	-17.3	15.7	15.8	-22.3	62.	0.8298	0.7167	0.8913	285.0	16.5
3343.	649.4	-17.8	15.7	15.8	-22.4	64.	0.8172	0.7063	0.8866	285.0	16.5
3396.	644.8	-18.3	15.7	15.9	-22.6	66.	0.8038	0.6952	0.8821	285.0	16.4
3446.	640.5	-18.7	15.8	16.0	-23.0	66.	0.7739	0.6704	0.8776	285.0	16.8
3502.	635.7	-19.2	16.1	16.2	-23.6	64.	0.7293	0.6333	0.8720	284.0	16.8
3552.	631.4	-19.6	16.2	16.3	-24.1	63.	0.6911	0.6014	0.8674	283.0	16.9
3603.	627.1	-19.7	16.4	16.6	-24.4	63.	0.6715	0.5850	0.8625	281.0	17.0
3650.	623.1	-20.1	16.6	16.7	-24.7	63.	0.6525	0.5691	0.8580	280.0	17.3
3698.	619.1	-20.4	16.8	16.9	-25.0	63.	0.6339	0.5536	0.8535	281.0	17.5
3748.	614.9	-20.8	17.1	17.3	-25.2	63.	0.6218	0.5434	0.8484	280.0	17.8
3800.	610.6	-20.8	18.0	18.1	-25.0	63.	0.6339	0.5535	0.8418	280.0	18.2
3852.	606.5	-20.1	18.5	18.6	-24.7	64.	0.6565	0.5724	0.8355	279.0	18.6
3903.	602.2	-20.1	19.3	19.5	-24.8	65.	0.6667	0.5810	0.8296	280.0	19.4
3956.	597.9	-20.0	19.9	19.9	-24.6	65.	0.6603	0.5757	0.8240	280.0	20.1
4012.	593.4	-20.0	20.1	20.2	-24.9	65.	0.6415	0.5599	0.8188	279.0	20.7
4063.	589.3	-20.7	20.5	20.5	-25.1	65.	0.6293	0.5496	0.8137	280.0	21.4
4116.	585.1	-20.9	20.8	20.9	-25.3	65.	0.6172	0.5395	0.8086	280.0	22.3
4170.	580.8	-21.3	21.4	21.4	-25.4	65.	0.6113	0.5346	0.8029	281.0	23.0
4225.	576.5	-21.1	22.0	22.0	-25.3	66.	0.6147	0.5374	0.7973	281.0	23.9
4281.	572.1	-21.1	22.5	22.6	-25.2	67.	0.6240	0.5452	0.7912	283.0	24.8
4338.	567.7	-21.2	23.0	23.1	-25.3	67.	0.6180	0.5402	0.7855	285.0	25.8
4389.	563.4	-21.4	23.5	23.6	-25.5	66.	0.6028	0.5275	0.7804	284.0	26.2
4443.	559.1	-21.5	24.1	24.2	-25.8	64.	0.5846	0.5121	0.7747	286.0	27.0
4500.	555.4	-21.8	24.4	24.5	-26.3	63.	0.5588	0.4905	0.7696	286.0	27.0
4553.	551.4	-21.9	24.7	24.8	-26.6	62.	0.5428	0.4770	0.7650	284.0	27.4
4609.	547.2	-22.1	24.8	24.9	-27.1	62.	0.5138	0.4524	0.7604	290.0	28.6
4665.	543.0	-22.3	24.8	25.0	-27.7	61.	0.4813	0.4259	0.7560	291.0	29.6
4722.	538.8	-23.2	25.1	25.2	-28.1	61.	0.4628	0.4092	0.7513	294.0	30.6
4782.	534.4	-23.6	25.4	25.4	-28.7	60.	0.4376	0.3878	0.7464	295.0	31.5
4836.	530.3	-23.9	25.6	25.7	-29.1	59.	0.4177	0.3709	0.7415	297.0	32.7
4893.	526.3	-24.2	25.9	26.0	-29.4	59.	0.4054	0.3604	0.7368	298.0	33.8
4947.	522.4	-24.5	26.2	26.3	-30.0	57.	0.3900	0.3478	0.7322	299.0	34.6
4999.	518.7	-24.7	26.5	26.6	-30.1	58.	0.3792	0.3386	0.7276	300.0	35.6
5051.	515.0	-25.0	26.8	26.9	-30.2	59.	0.3744	0.3339	0.7233	301.0	36.2
5105.	511.2	-25.3	27.1	27.1	-30.6	58.	0.3572	0.3191	0.7188	301.0	37.2
5162.	507.3	-25.8	27.4	27.4	-31.1	57.	0.3406	0.3049	0.7142	302.0	38.1
5216.	503.4	-26.1	27.6	27.6	-31.6	57.	0.3259	0.2925	0.7101	301.0	38.2
5270.	499.3	-26.3	27.6	27.7	-31.8	58.	0.3165	0.2842	0.7055	301.0	38.5
5329.	495.5	-26.6	27.9	28.0	-32.1	58.	0.3071	0.2762	0.7010	302.0	38.8
5387.	491.6	-27.1	28.2	28.3	-32.5	57.	0.2997	0.2696	0.6963	303.0	38.6
5446.	487.6	-27.5	28.7	28.7	-32.7	57.	0.2966	0.2668	0.6912	301.0	38.7
5506.	483.5	-27.8	29.1	29.2	-33.0	57.	0.2842	0.2560	0.6862	303.0	40.2
5567.	479.4	-27.9	29.4	29.5	-33.3	57.	0.2698	0.2437	0.6812	304.0	40.6
5629.	475.3	-28.3	29.7	29.8	-33.8	56.	0.2544	0.2303	0.6765	305.0	40.9
5688.	471.4	-28.7	29.9	30.0	-34.4	55.	0.2398	0.2174	0.6720	306.0	41.0
5750.	467.3	-29.2	30.1	30.3	-35.0	54.	0.2264	0.2055	0.6675	306.0	41.4
5813.	463.4	-29.8	30.4	30.6	-35.4	54.	0.2145	0.1955	0.6630	306.0	41.9
5877.	459.7	-30.2	30.4	30.6	-36.1	52.	0.1922	0.1812	0.6588	307.0	42.2
5920.	456.3	-30.4	30.6	30.8	-37.0	49.	0.1791	0.1644	0.6550	307.0	42.3
5976.	452.7	-30.6	30.7	30.9	-37.3	50.	0.1735	0.1594	0.6512	307.0	42.8
6033.	449.1	-31.1	30.8	31.0	-37.7	50.	0.1663	0.1531	0.6470	306.0	43.2
6091.	445.4	-31.7	31.1	31.3	-38.1	50.	0.1598	0.1470	0.6428	306.0	43.7
6147.	441.9	-32.2	31.4	31.6	-38.7	48.	0.1441	0.1371	0.6385	306.0	43.9
6204.	438.3	-32.5	31.4	31.6	-39.4	47.	0.1377	0.1277	0.6346	306.0	44.2
6262.	434.9	-33.1	31.6	31.8	-40.1	46.	0.1278	0.1188	0.6310	306.0	44.4
6319.	431.8	-33.5	31.6	31.8	-40.5	46.	0.1212	0.1129	0.6278	306.0	44.8
6383.	428.5	-33.8	31.6	31.7	-40.8	46.	0.1161	0.1083	0.6240	307.0	45.1
6445.	425.3	-34.3	31.8	31.9	-41.5	45.	0.1091	0.1017	0.6204	307.0	45.4
6477.	422.0	-34.6	31.8	31.9	-42.0	45.	0.1035	0.0966	0.6169	306.0	45.7
6521.	418.9	-35.0	31.8	31.9	-42.4	44.	0.0976	0.0917	0.6136	306.0	46.1
6577.	415.5	-35.4	31.9	32.0	-42.4	45.	0.0924	0.0870	0.6098	305.0	46.5
6634.	412.1	-35.9	31.9	32.0	-43.4	45.	0.0875	0.0825	0.6062	304.0	46.5
6688.	409.0	-36.2	31.9	32.0	-43.9	44.	0.0826	0.0779	0.6025	305.0	47.1
6744.	405.6	-36.7	32.0	32.1	-44.5	43.	0.0768	0.0726	0.5987	300.0	47.5
6802.	402.4	-37.0	32.1	32.2	-45.2	42.	0.0715	0.0677	0.5949	299.0	46.9
6864.	399.0	-37.5	32.2	32.3	-45.9	41.	0.0661	0.0628	0.5906	297.0	46.8
6923.	395.8	-37.9	32.4	32.5	-46.1	41.	0.0632	0.0601	0.5865	295.0	46.2
6977.	392.1	-38.7	32.6	33.0	-46.2	40.	0.0604	0.0568	0.5827	99.9	99.9
7031.	388.5	-39.1	32.8	33.1	-47.0	41.	0.0571	0.0547	0.5795	99.9	99.9
7085.	386.1	-39.4	33.1	33.4	-47.6	40.	0.0527	0.0506	0.5764	99.9	99.9
7132.	383.3	-40.2	33.4	33.8	-48.2	39.	0.0491	0.0473	0.5732	99.9	99.9
7187.	380.2	-40.8	33.6	33.9	-48.5	39.	0.0474	0.0458	0.5693	99.9	99.9
7239.	377.3	-41.2	33.8	34.1	-49.0	38.	0.0448	0.0435	0.5662	99.9	99.9

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7292.	374.4	-41.4	33.7	33.7	-49.6	38.	0.0417	0.0404	0.5628	295.0	46.0
7341.	371.7	-41.9	33.6	33.7	-50.5	36.	0.0373	0.0363	0.5600	296.0	46.9
7390.	369.0	-42.4	33.6	33.6	-51.1	35.	0.0342	0.0334	0.5571	297.0	46.9
7441.	366.2	-42.9	33.6	33.6	-51.8	34.	0.0314	0.0307	0.5541	298.0	47.0
7493.	363.4	-43.4	33.6	33.6	-52.5	33.	0.0288	0.0282	0.5510	298.0	48.0
7545.	360.6	-43.9	33.6	33.6	-52.9	33.	0.0274	0.0270	0.5477	299.0	48.7
7597.	357.8	-44.2	33.9	33.9	-53.5	32.	0.0254	0.0252	0.5444	300.0	48.4
7648.	355.1	-44.6	34.0	34.0	-54.4	30.	0.0227	0.0225	0.5413	300.0	48.7
7697.	352.5	-45.2	33.9	33.9	-55.2	29.	0.0205	0.0203	0.5387	300.0	48.7
7746.	349.9	-45.8	33.7	33.7	-56.0	28.	0.0184	0.0184	0.5362	300.0	48.8
7799.	347.1	-46.3	33.7	33.8	-56.5	28.	0.0173	0.0173	0.5330	300.0	48.8
7845.	344.7	-46.7	33.8	33.8	-56.8	29.	0.0171	0.0171	0.5303	300.0	48.8
7893.	342.2	-47.1	34.1	34.1	-56.8	29.	0.0165	0.0165	0.5271	300.0	49.1
7942.	339.7	-47.4	34.1	34.2	-57.2	29.	0.0158	0.0158	0.5242	300.0	49.0
7989.	337.3	-47.9	34.1	34.1	-57.9	28.	0.0143	0.0144	0.5217	300.0	49.1
8036.	334.9	-48.4	34.0	34.0	-58.7	27.	0.0131	0.0131	0.5191	300.0	49.2
8081.	332.6	-48.9	34.0	34.0	-59.4	26.	0.0117	0.0118	0.5167	300.0	49.5
8128.	330.2	-49.4	33.9	33.9	-59.8	26.	0.0110	0.0112	0.5141	300.0	49.7
8178.	327.7	-49.9	34.0	34.0	-59.9	27.	0.0109	0.0111	0.5111	300.0	51.0
8226.	325.3	-50.3	34.1	34.1	-60.3	27.	0.0104	0.0106	0.5083	300.0	51.4
8280.	322.6	-50.8	34.2	34.2	-60.7	27.	0.0099	0.0101	0.5050	301.0	54.2
8333.	320.0	-51.1	34.3	34.3	-61.1	27.	0.0093	0.0095	0.5020	301.0	54.7
8386.	317.4	-51.6	34.4	34.4	-62.1	25.	0.0081	0.0083	0.4991	301.0	56.1
8435.	315.0	-52.1	34.5	34.5	-62.6	25.	0.0076	0.0078	0.4964	301.0	56.3
8486.	312.5	-52.6	34.5	34.5	-63.0	25.	0.0071	0.0074	0.4936	301.0	57.1
8534.	310.2	-53.1	34.5	34.5	-63.8	24.	0.0064	0.0066	0.4911	301.0	57.4
8588.	307.6	-53.7	34.2	34.2	-64.3	24.	0.0059	0.0062	0.4883	301.0	58.6
8638.	305.2	-54.2	34.1	34.1	-64.8	24.	0.0056	0.0058	0.4856	302.0	59.7
8693.	302.6	-54.8	34.5	34.5	-65.1	24.	0.0054	0.0054	0.4821	302.0	59.9
8733.	300.7	-54.8	34.6	34.6	-65.6	23.	0.0050	0.0052	0.4797	302.0	60.1
8775.	298.7	-55.2	34.6	34.6	-66.0	23.	0.0047	0.0049	0.4774	302.0	60.4
8823.	296.5	-55.8	34.9	34.9	-66.3	23.	0.0045	0.0047	0.4746	302.0	60.7
8872.	294.2	-55.8	35.1	35.1	-66.5	23.	0.0043	0.0046	0.4715	302.0	60.9
8924.	291.8	-55.9	35.7	35.7	-66.6	23.	0.0043	0.0045	0.4679	302.0	61.1
8972.	289.6	-56.1	36.1	36.1	-67.1	22.	0.0040	0.0043	0.4648	302.0	61.4
9020.	287.4	-56.5	36.2	36.2	-67.5	22.	0.0038	0.0040	0.4621	302.0	61.7
9067.	285.3	-56.9	36.4	36.4	-67.7	22.	0.0036	0.0038	0.4594	302.0	62.0
9114.	283.2	-57.1	36.6	36.6	-68.2	22.	0.0035	0.0037	0.4566	302.0	62.1
9158.	281.2	-57.4	36.8	36.8	-68.5	22.	0.0035	0.0037	0.4540	302.0	62.2
9203.	279.2	-57.6	37.0	37.0	-68.5	22.	0.0033	0.0035	0.4512	302.0	62.3
9246.	277.3	-57.9	37.3	37.3	-68.7	22.	0.0032	0.0033	0.4488	302.0	62.3
9292.	275.4	-58.3	37.4	37.4	-69.1	22.	0.0030	0.0032	0.4465	302.0	62.3
9335.	273.4	-58.6	37.6	37.6	-69.4	22.	0.0029	0.0031	0.4439	302.0	62.4
9377.	271.6	-58.8	37.9	37.9	-69.5	22.	0.0028	0.0030	0.4414	302.0	62.4
9423.	269.6	-59.1	38.2	38.2	-69.7	22.	0.0027	0.0029	0.4386	302.0	62.5
9470.	267.6	-59.3	38.5	38.5	-70.0	22.	0.0026	0.0028	0.4359	302.0	62.9
9512.	265.8	-59.7	38.8	38.8	-70.7	21.	0.0024	0.0025	0.4338	302.0	63.0
9556.	263.9	-59.8	39.0	39.0	-71.1	20.	0.0022	0.0024	0.4309	302.0	63.2
9599.	262.1	-59.8	39.2	39.2	-71.8	18.	0.0020	0.0022	0.4280	302.0	63.3
9642.	260.3	-59.8	39.4	39.4	-72.1	17.	0.0019	0.0020	0.4250	302.0	63.4
9685.	258.5	-59.9	39.7	39.7	-72.6	16.	0.0018	0.0019	0.4223	302.0	63.9
9731.	256.6	-60.1	41.2	41.2	-73.1	15.	0.0016	0.0018	0.4194	302.0	64.2
9780.	254.6	-60.3	41.5	41.5	-73.5	14.	0.0015	0.0014	0.4167	303.0	64.4
9827.	252.7	-60.5	41.8	41.8	-74.0	13.	0.0013	0.0014	0.4140	304.0	64.7
9876.	250.7	-60.8	42.1	42.1	-75.7	12.	0.0011	0.0013	0.4113	304.0	64.8
9926.	248.7	-61.1	42.4	42.4	-75.5	12.	0.0011	0.0012	0.4086	304.0	64.9
9971.	246.9	-61.4	42.6	42.6	-76.3	11.	0.0010	0.0011	0.4062	304.0	65.1
10018.	245.0	-61.7	42.9	42.9	-76.6	11.	0.0010	0.0011	0.4036	304.0	65.1
10069.	243.0	-61.9	43.4	43.4	-76.7	11.	0.0010	0.0010	0.4005	304.0	65.4
10115.	241.1	-62.0	43.7	43.7	-77.5	10.	0.0009	0.0009	0.3978	304.0	65.8
10168.	239.2	-62.2	44.0	44.0	-78.3	9.	0.0008	0.0007	0.3950	304.0	66.0
10213.	237.4	-62.4	44.3	44.3	-78.4	9.	0.0008	0.0007	0.3924	304.0	66.4
10262.	235.5	-62.7	44.6	44.6	-79.4	8.	0.0007	0.0007	0.3896	304.0	66.4
10315.	233.6	-62.9	45.0	45.0	-79.6	8.	0.0006	0.0007	0.3869	304.0	66.8
10365.	231.8	-63.2	45.3	45.3	-79.7	8.	0.0006	0.0006	0.3839	304.0	67.1
10418.	229.8	-63.4	45.6	45.6	-79.8	8.	0.0006	0.0006	0.3808	304.0	67.5
10467.	227.9	-63.8	47.0	47.0	-79.8	8.	0.0005	0.0006	0.3782	304.0	67.6
10515.	226.0	-63.9	47.3	47.3	-80.2	8.	0.0005	0.0006	0.3757	304.0	67.9
10564.	224.2	-63.9	47.7	47.7	-81.1	7.	0.0004	0.0005	0.3731	304.0	68.1
10611.	222.5	-63.9	48.0	48.0	-81.2	7.	0.0004	0.0004	0.3704	304.0	68.5
10658.	220.8	-63.9	48.4	48.4	-81.2	7.	0.0004	0.0004	0.3678	304.0	68.7
10702.	219.2	-64.1	48.7	48.7	-81.4	7.	0.0004	0.0005	0.3653	304.0	68.8
10744.	217.7	-64.3	49.0	49.0	-81.6	7.	0.0004	0.0004	0.3631	304.0	68.9
10788.	216.1	-64.4	49.4	49.4	-81.7	7.	0.0004	0.0004	0.3606	304.0	68.7
10835.	214.5	-64.6	49.8	49.8	-81.8	6.	0.0003	0.0004	0.3583	304.0	68.6
10884.	212.9	-64.8	50.1	50.1	-82.0	6.	0.0003	0.0004	0.3560	304.0	68.6
10923.	211.4	-64.9	50.4	50.4	-82.0	6.	0.0003	0.0004	0.3535	304.0	68.6
10969.	209.8	-64.8	50.8	50.8	-82.0	6.	0.0003	0.0004	0.3509	304.0	68.6
11013.	208.3	-64.7	51.1	51.1	-82.0	6.	0.0003	0.0003	0.3491	304.0	68.6
11054.	206.9	-64.8	51.5	51.5	-82.0	6.	0.0003	0.0003	0.3466	304.0	68.6
11099.	205.4	-64.9	51.8	51.8	-82.0	6.	0.0003	0.0003	0.3442	304.0	68.6
11143.	203.9	-64.9	52.4	52.4	-82.0	6.	0.0003	0.0003	0.3420	304.0	68.6
11188.	202.4	-64.8	52.8	52.8	-82.0	6.	0.0003	0.0003	0.3398	304.0	68.6
11237.	200.8	-64.8	53.2	53.2	-82.0	6.	0.0003	0.0003	0.3374	304.0	68.6
11286.	199.2	-64.8	53.6	53.6	-82.0	6.	0.0003	0.0003	0.3351	304.0	68.6
11336.	197.7	-64.8	54.0	54.0	-82.0	6.	0.0003	0.0003	0.3328	304.0	68.6
11387.	196.2	-64.8	54.4	54.4	-82.0	6.	0.0003	0.0003	0.3305	304.0	68.6
11422.	194.8	-64.8	54.8	54.8	-82.0	6.	0.0003	0.0003	0.3283	304.0	68.6
11466.	193.4	-64.7	55.2	55.2	-82.0	6.	0.0003	0.0003	0.3261	304.0	68.6
11511.	192.0	-64.7	55.6	55.6	-82.0	6.	0.0003	0.0003	0.3239	304.0	68.6
11556.	190.6	-64.6	56.0	56.0	-82.0	6.	0.0003	0.0003	0.3218	304.0	68.6
11604.	189.1	-64.4	56.4	56.4	-82.0	6.	0.0003	0.0003	0.3196	304.0	68.6
11653.	187.6	-64.3	56.8	56.8	-82.0	6.	0.0003	0.0003	0.3174	304.0	68.6
11699.	186.2	-64.2	57.2	57.2	-82.0	6.	0.0003	0.0003	0.3153	304.0	68.6
11748.	184.7	-64.1	57.6	57.6	-82.0	6.	0.0003	0.0003	0.3132	304.0	68.6
11795.	183.2	-64.0	58.0	58.0	-82.0	6.	0.0003	0.0003	0.3111	304.0	68.6
11842.	181.7	-63.9	58.4	58.4	-82.0	6.	0.0003	0.0003	0.3090	304.0	68.6
11897.	180.0	-63.7	58.9	58.9	-82.0	6.	0.0003	0.0003	0.3066	304.0	68.6
11941.	178.6	-63.7	59.3	59.3	-82.0	6.	0.0003	0.0003	0.3047	304.0	68.6
11998.	177.0	-63.6	59.7	59.7	-82.0	6.	0.0003	0.0003	0.3026	304.0	68.6
12042.	175.6	-63.5	60.1	60.1	-82.0	6.	0.0003	0.0003	0.3006	304.0	68.6
12073.	174.5	-63.4	60.5	60.5	-82.0	6.	0.0003	0.0003	0.2986	304.0	68.6
12116.	173.0	-63.3	60.9	60.9	-82.0	6.	0.0003	0.0003	0.2966	304.0	68.6
12162.	171.4	-63.2	61.3	61.3	-82.0	6.	0.0003	0.0003	0.2947	304.0	68.6
12209.	169.9	-63.1	61.7	61.7	-82.0	6.	0.0003	0.0003	0.2927	304.0	68.6
12256.	168.4	-63.0	62.1	62.1	-82.0	6.	0.0003	0.0003	0.2907	304.0	68.6
12303.	166.9	-62.9	62.5	62.5	-82.0	6.	0.0003	0.0003	0.2888	304.0	68.6
12351.	165.4	-62.8	62.9	62.9	-82.0	6.	0.0003	0.0003	0.2868	304.0	68.6
12399.	163.9	-62.7	63.3	63.3	-82.0	6.	0.0003	0.0003	0.2849	304.0	68.6
12448.	162.4	-62.6	63.7	63.7	-82.0	6.	0.0003	0.0003	0.2829	304.0	68.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOE (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (KTS)
1940.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2686	2	37.7
1957.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2666	2	37.1
1975.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2645	2	37.1
1992.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2627	2	37.0
2009.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2606	2	36.9
2026.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2585	2	37.6
2043.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2565	2	37.7
2060.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2545	2	37.6
2077.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2525	1	37.5
2094.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2498	1	37.1
2111.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2480	1	36.7
2128.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2454	1	36.6
2145.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2441	1	36.6
2162.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2424	1	36.6
2179.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2402	1	36.5
2196.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2385	1	36.5
2213.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2363	1	36.4
2230.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2344	1	36.4
2247.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2326	1	36.3
2264.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2310	1	36.3
2281.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2293	1	36.2
2298.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2274	1	36.2
2315.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2257	1	36.1
2332.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2239	1	36.1
2349.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2219	1	36.1
2366.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2199	1	36.1
2383.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2181	1	36.1
2400.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2166	1	36.1
2417.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2147	1	36.1
2437.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2130	1	36.1
2454.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2115	1	36.1
2471.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2098	1	36.1
2488.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2081	1	36.1
2505.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2063	1	36.1
2522.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2045	1	36.1
2539.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2029	1	36.1
2556.	1	-1	1	1	-8	1.	0.0004	0.0001	0.2013	1	36.1
2573.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1991	1	36.1
2590.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1969	1	36.1
2607.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1951	1	36.1
2624.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1934	1	36.1
2641.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1918	1	36.1
2658.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1899	1	36.1
2675.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1881	1	36.1
2692.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1864	1	36.1
2709.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1847	1	36.1
2726.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1832	1	36.1
2743.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1816	1	36.1
2760.	1	-1	1	1	-8	1.	0.0004	0.0001	0.1800	1	36.1
2777.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1782	1	36.1
2794.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1766	1	36.1
2811.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1749	1	36.1
2828.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1729	1	36.1
2845.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1712	1	36.1
2862.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1695	1	36.1
2879.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1679	1	36.1
2896.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1661	1	36.1
2913.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1644	1	36.1
2930.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1629	1	36.1
2947.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1616	1	36.1
2964.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1603	1	36.1
2981.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1590	1	36.1
2998.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1578	1	36.1
3015.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1561	1	36.1
3032.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1547	1	36.1
3049.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1533	1	36.1
3066.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1519	1	36.1
3083.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1505	1	36.1
3100.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1492	1	36.1
3117.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1479	1	36.1
3134.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1465	1	36.1
3151.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1452	1	36.1
3168.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1441	1	36.1
3185.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1427	1	36.1
3202.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1414	1	36.1
3219.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1402	1	36.1
3236.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1387	1	36.1
3253.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1374	1	36.1
3270.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1362	1	36.1
3287.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1348	1	36.1
3304.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1336	1	36.1
3321.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1324	1	36.1
3338.	1	-1	1	1	-8	1.	0.0004	0.0002	0.1312	1	36.1
3355.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1299	1	36.1
3372.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1287	1	36.1
3389.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1274	1	36.1
3406.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1262	1	36.1
3423.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1249	1	36.1
3440.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1238	1	36.1
3457.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1227	1	36.1
3474.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1216	1	36.1
3491.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1204	1	36.1
3508.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1194	1	36.1
3525.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1183	1	36.1
3542.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1171	1	36.1
3559.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1161	1	36.1
3576.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1151	1	36.1
3593.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1140	1	36.1
3610.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1129	1	36.1
3627.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1121	1	36.1
3644.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1112	1	36.1
3661.	1	-1	1	1	-8	1.	0.0004	0.0003	0.1104	1	36.1
3678.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1095	1	36.1
3695.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1084	1	36.1
3712.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1075	1	36.1
3729.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1064	1	36.1
3746.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1055	1	36.1
3763.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1045	1	36.1
3780.	1	-1	1	1	-8	1.	0.0004	0.0004	0.1036	1	36.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1456.	827.9	-5.8	9.0	9.5	-6.3	96.	3.6144	2.9346	1.0817	305.0	9.9
1511.	822.1	-6.1	9.3	9.7	-6.6	96.	3.5222	2.8629	1.0753	304.0	9.8
1566.	816.4	-6.3	9.6	10.1	-6.8	96.	3.4618	2.8162	1.0686	303.0	9.9
1621.	810.6	-6.4	10.1	10.5	-6.9	96.	3.4320	2.7927	1.0614	303.0	9.9
1677.	804.9	-6.5	10.6	11.0	-7.0	96.	3.4024	2.7697	1.0543	301.0	9.8
1737.	798.7	-6.7	11.0	11.4	-7.2	96.	3.3439	2.7241	1.0470	301.0	10.0
1793.	793.0	-7.1	11.1	11.6	-7.6	96.	3.2998	2.6351	1.0410	300.0	10.0
1847.	787.5	-7.5	11.3	11.7	-8.0	96.	3.1123	2.5488	1.0352	299.0	10.1
1899.	782.2	-7.8	11.5	11.9	-8.3	96.	3.0347	2.4857	1.0294	299.0	10.2
1951.	777.0	-8.2	11.6	12.0	-8.7	96.	2.9742	2.4039	1.0240	298.0	10.2
2006.	771.5	-8.6	11.7	12.1	-9.1	96.	2.8330	2.3245	1.0182	298.0	10.4
2064.	765.8	-8.9	12.0	12.4	-9.4	96.	2.7542	2.2664	1.0118	298.0	10.5
2121.	760.1	-9.4	12.1	12.5	-9.9	96.	2.6401	2.1727	1.0061	298.0	10.6
2177.	754.6	-9.9	12.1	12.5	-10.4	96.	2.5257	2.0825	1.0006	298.0	10.7
2232.	749.3	-10.3	12.3	12.6	-10.8	96.	2.4375	2.0125	0.9951	298.0	10.8
2290.	743.6	-10.8	12.4	12.7	-11.3	96.	2.3312	1.9287	0.9893	300.0	10.9
2347.	738.1	-11.3	12.4	12.8	-11.8	96.	2.2291	1.8478	0.9838	300.0	11.0
2406.	732.5	-11.8	12.5	12.8	-12.3	96.	2.1311	1.7700	0.9781	300.0	11.1
2462.	727.1	-12.2	12.7	13.0	-12.7	96.	2.0556	1.7099	0.9724	300.0	11.2
2521.	721.5	-12.7	12.8	13.0	-13.1	96.	1.9647	1.6373	0.9667	300.0	11.5
2582.	715.8	-13.2	12.8	13.1	-13.6	96.	1.8774	1.5676	0.9608	301.0	11.6
2636.	710.5	-13.7	12.9	13.2	-14.1	96.	1.7936	1.5006	0.9555	301.0	11.7
2696.	705.1	-14.1	13.1	13.4	-14.5	96.	1.7293	1.4489	0.9496	300.0	11.7
2754.	699.7	-14.4	13.4	13.6	-14.8	96.	1.6823	1.4112	0.9434	299.0	12.0
2812.	694.4	-14.7	13.7	13.9	-15.1	96.	1.6364	1.3744	0.9373	299.0	12.0
2867.	689.3	-15.1	13.8	14.1	-15.5	96.	1.5772	1.3266	0.9319	299.0	12.1
2924.	684.1	-15.4	14.1	14.4	-15.8	96.	1.5341	1.2916	0.9259	298.0	12.2
2982.	678.9	-15.7	14.4	14.7	-16.1	96.	1.4920	1.2579	0.9199	298.0	12.2
3035.	674.1	-16.0	14.7	14.9	-16.4	96.	1.4510	1.2247	0.9144	297.0	12.4
3091.	669.1	-16.3	14.9	15.2	-16.7	96.	1.4110	1.1923	0.9087	297.0	12.4
3148.	664.1	-16.5	15.2	15.5	-16.9	96.	1.3849	1.1712	0.9026	297.0	12.4
3202.	659.3	-16.7	15.7	15.9	-17.1	96.	1.3592	1.1504	0.8967	297.0	12.4
3256.	654.6	-16.9	16.1	16.3	-17.3	96.	1.3340	1.1299	0.8910	296.0	12.5
3311.	649.8	-17.3	16.2	16.4	-17.7	96.	1.2848	1.0900	0.8858	296.0	12.5
3371.	644.6	-17.7	16.4	16.6	-18.1	96.	1.2374	1.0514	0.8801	297.0	12.7
3427.	639.8	-18.0	16.7	16.9	-18.4	96.	1.2028	1.0232	0.8746	297.0	12.7
3484.	635.1	-18.3	17.0	17.2	-18.7	96.	1.1692	0.9957	0.8691	297.0	12.8
3535.	630.5	-18.6	17.2	17.5	-19.0	96.	1.1350	0.9515	0.8645	297.0	12.9
3598.	625.3	-18.9	17.3	17.6	-19.4	96.	1.0970	0.9007	0.8593	300.0	13.0
3663.	619.8	-20.0	17.1	17.5	-20.4	96.	1.0342	0.8524	0.8538	301.0	13.1
3724.	614.7	-20.8	17.2	17.6	-20.9	96.	0.9976	0.8140	0.8484	301.0	13.2
3786.	609.6	-20.9	17.4	17.8	-21.3	96.	0.9117	0.7844	0.8426	302.0	13.5
3845.	604.7	-21.3	17.6	17.9	-21.7	96.	0.8770	0.7558	0.8372	303.0	13.6
3903.	600.0	-21.7	17.8	18.2	-22.1	96.	0.8436	0.7282	0.8320	304.0	13.7
3962.	595.2	-22.1	18.0	18.2	-22.5	96.	0.8113	0.7014	0.8266	305.0	14.7
4021.	590.4	-22.5	18.2	18.4	-22.9	96.	0.7802	0.6756	0.8212	306.0	15.1
4083.	585.4	-22.9	18.5	18.6	-23.3	96.	0.7502	0.6507	0.8156	306.0	15.4
4144.	580.6	-23.3	18.7	18.8	-23.7	96.	0.7213	0.6266	0.8101	306.0	15.7
4203.	575.9	-23.8	19.0	19.1	-24.2	96.	0.7022	0.6092	0.8045	306.0	16.0
4263.	571.2	-24.1	19.2	19.3	-24.6	96.	0.6564	0.5804	0.7995	307.0	16.6
4319.	566.8	-24.6	19.2	19.3	-25.0	96.	0.6341	0.5537	0.7950	308.0	17.2
4377.	562.3	-25.0	19.1	19.3	-25.4	96.	0.5673	0.5228	0.7905	307.0	17.5
4435.	557.8	-25.4	19.4	19.7	-25.8	96.	0.5454	0.5128	0.7848	305.0	18.4
4494.	553.2	-25.7	19.5	19.8	-26.1	96.	0.5180	0.4982	0.7794	304.0	18.4
4550.	548.9	-26.1	20.0	20.3	-26.5	96.	0.4956	0.4743	0.7746	304.0	18.6
4606.	544.8	-26.5	20.2	20.5	-26.8	96.	0.4740	0.4611	0.7699	303.0	18.6
4671.	539.9	-26.9	20.5	20.8	-27.3	96.	0.4532	0.4435	0.7642	301.0	18.6
4734.	535.2	-27.3	20.8	21.0	-27.7	96.	0.4332	0.4265	0.7588	301.0	18.9
4795.	530.8	-27.8	20.9	21.2	-28.2	96.	0.4140	0.4082	0.7541	300.0	19.2
4851.	526.6	-28.2	21.1	21.4	-28.6	96.	0.4037	0.3955	0.7492	299.0	19.7
4937.	522.4	-28.6	21.3	21.6	-29.0	96.	0.3770	0.3754	0.7445	299.0	19.8
4982.	518.4	-29.0	21.4	21.7	-29.4	96.	0.3608	0.3608	0.7400	298.0	20.1
5019.	514.3	-29.2	21.7	21.9	-29.7	96.	0.3515	0.3502	0.7351	299.0	20.4
5080.	509.0	-29.5	22.1	22.3	-30.0	96.	0.3381	0.3394	0.7297	299.0	20.6
5140.	505.6	-30.0	22.4	22.6	-30.4	96.	0.3251	0.3266	0.7247	299.0	21.2
5202.	501.2	-30.6	22.3	22.6	-31.0	96.	0.3058	0.3076	0.7202	298.0	21.4
5268.	496.6	-31.2	22.3	22.6	-31.6	96.	0.2892	0.2896	0.7153	297.0	21.6
5333.	492.0	-31.8	22.4	22.7	-32.2	96.	0.2732	0.2725	0.7104	296.0	22.1
5397.	487.6	-32.4	22.4	22.8	-32.8	96.	0.2584	0.2564	0.7058	295.0	22.6
5465.	483.2	-33.0	22.4	22.8	-33.4	96.	0.2441	0.2411	0.7012	295.0	22.8
5528.	479.0	-33.6	22.5	22.9	-34.0	96.	0.2307	0.2267	0.6965	295.0	23.2
5591.	474.9	-34.2	22.6	23.0	-34.6	96.	0.2180	0.2131	0.6922	295.0	23.7
5653.	470.9	-34.8	22.6	23.0	-35.2	96.	0.2060	0.2008	0.6876	295.0	24.1
5715.	466.9	-35.4	22.6	23.0	-35.8	96.	0.1946	0.1885	0.6829	295.0	24.6
5779.	461.7	-36.0	22.7	23.1	-36.4	96.	0.1811	0.1771	0.6781	295.0	25.2
5843.	457.4	-36.6	22.7	23.1	-37.0	96.	0.1707	0.1676	0.6735	295.0	25.7
5910.	453.0	-37.2	22.8	23.2	-37.5	96.	0.1610	0.1572	0.6687	295.0	26.1
5977.	448.6	-37.7	22.8	23.2	-38.1	96.	0.1517	0.1475	0.6638	295.0	26.6
6045.	444.2	-38.2	23.1	23.5	-38.6	96.	0.1427	0.1384	0.6588	295.0	27.4
6113.	440.0	-38.8	23.4	23.8	-39.1	96.	0.1342	0.1299	0.6536	295.0	27.9
6179.	435.6	-39.3	23.7	24.1	-39.6	96.	0.1264	0.1218	0.6482	295.0	28.3
6247.	431.2	-39.8	24.0	24.4	-40.1	96.	0.1189	0.1142	0.6430	295.0	28.8
6313.	427.1	-40.3	24.3	24.7	-40.6	96.	0.1120	0.1073	0.6380	295.0	29.2
6384.	422.7	-40.8	24.7	25.1	-41.1	96.	0.1054	0.1014	0.6325	295.0	30.0
6449.	418.7	-41.3	25.1	25.5	-41.6	96.	0.1000	0.0978	0.6273	295.0	31.1
6514.	414.7	-41.8	25.4	25.8	-42.1	96.	0.0947	0.0943	0.6221	295.0	31.7
6579.	410.7	-42.3	25.8	26.2	-42.7	96.	0.0896	0.0909	0.6173	295.0	32.3
6644.	406.8	-42.8	26.2	26.6	-43.2	96.	0.0847	0.0877	0.6126	295.0	32.9
6709.	402.9	-43.3	26.5	26.9	-43.7	96.	0.0801	0.0843	0.6078	295.0	33.5
6775.	399.0	-43.7	26.7	27.2	-44.1	96.	0.0758	0.0805	0.6032	295.0	34.1
6845.	395.0	-44.2	26.7	27.2	-44.6	96.	0.0716	0.0768	0.5985	295.0	34.7
6909.	391.1	-44.7	26.9	27.4	-45.0	96.	0.0676	0.0764	0.5939	295.0	35.4
6977.	387.2	-44.1	27.3	27.8	-44.4	96.	0.0771	0.0730	0.5890	295.0	36.0
7044.	383.4	-44.7	27.6	28.1	-45.0	96.	0.0716	0.0682	0.5847	295.0	36.7
7111.	379.6	-45.2	27.7	28.2	-45.5	96.	0.0677	0.0645	0.5803	295.0	37.3
7178.	375.8	-45.7	27.7	28.2	-46.0	96.	0.0638	0.0609	0.5759	295.0	38.0
7247.	371.9	-46.2	27.7	28.2	-46.5	96.	0.0601	0.0573	0.5714	295.0	38.7
7315.	368.0	-46.8	28.0	28.5	-47.1	96.	0.0565	0.0539	0.5664	295.0	39.4
7384.	364.2	-47.3	28.3	28.8	-47.8	96.	0.0530	0.0495	0.5623	295.0	40.1
7449.	360.6	-47.8	28.4	28.9	-48.3	96.	0.0497	0.0467	0.5577	295.0	40.7
7515.	357.0	-48.3	28.7	29.2	-48.7	96.	0.0471	0.0440	0.5534	295.0	41.4
7582.	353.5	-48.8	28.9	29.4	-49.2	96.	0.0445	0.0415	0.5494	295.0	42.1
7647.	349.9	-49.3	28.9	29.4	-49.7	96.	0.0420	0.0391	0.5450	295.0	42.8
7716.	346.2	-49.8	29.1	29.6	-50.2	96.	0.0397	0.0373	0.5422	295.0	43.4
7784.	342.6	-50.3	29.2	29.7	-50.7	96.	0.0374	0.0347	0.5361	295.0	44.1
7852.	339.0	-50.8	29.4	29.9	-51.2	96.	0.0353	0.0327	0.5316	295.0	44.8
7924.	335.4	-51.3	29.7	30.2	-51.7	96.	0.0334	0.0309	0.5270	295.0	45.5
7994.	331.7	-51.9	29.7	30.2	-52.3	96.	0.0314	0.0292	0.5223	295.0	46.2
8069.	327.9	-52.4	29.9	30.4	-52.9	96.	0.0297	0.0274	0.5178	295.0	46.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8132.	324.7	-53.0	30.4	30.4	-53.3	96.	0.0260	0.0256	0.5138	306.0	45.6
8201.	321.2	-53.6	30.5	30.5	-53.9	96.	0.0241	0.0236	0.5097	306.0	46.6
8270.	317.8	-54.2	30.6	30.6	-54.5	96.	0.0223	0.0221	0.5057	99.9	99.9
8342.	314.2	-54.7	30.9	30.9	-55.0	96.	0.0209	0.0208	0.5011	99.9	99.9
8414.	310.7	-55.3	31.0	31.1	-55.6	96.	0.0194	0.0193	0.4969	308.0	48.2
8484.	307.3	-55.9	31.2	31.2	-56.2	96.	0.0179	0.0179	0.4928	308.0	48.5
8552.	304.0	-56.7	31.0	31.0	-57.0	96.	0.0161	0.0162	0.4893	308.0	48.5
8619.	300.8	-57.1	31.3	31.3	-57.4	96.	0.0153	0.0154	0.4850	308.0	48.4
8669.	297.5	-57.5	31.7	31.7	-57.8	96.	0.0145	0.0146	0.4806	307.0	48.3
8759.	294.2	-57.9	32.1	32.1	-58.2	96.	0.0138	0.0139	0.4761	307.0	48.0
8832.	290.8	-58.4	32.4	32.4	-58.7	96.	0.0129	0.0130	0.4717	307.0	47.9
8902.	287.6	-58.8	32.8	32.8	-59.1	96.	0.0122	0.0124	0.4674	306.0	47.6
8972.	284.4	-59.4	33.0	33.0	-59.7	96.	0.0113	0.0114	0.4635	306.0	47.5
9040.	281.3	-59.9	33.2	33.2	-60.2	96.	0.0105	0.0107	0.4595	305.0	47.1
9109.	278.2	-59.9	34.2	34.2	-60.2	96.	0.0105	0.0107	0.4545	304.0	46.9
9181.	275.0	-60.1	34.9	34.9	-60.4	96.	0.0102	0.0104	0.4497	304.0	46.5
9254.	271.8	-60.3	35.6	35.6	-60.6	96.	0.0100	0.0102	0.4449	303.0	46.2
9325.	268.7	-60.5	36.4	36.4	-60.8	96.	0.0097	0.0099	0.4402	303.0	45.8
9397.	265.6	-60.6	37.2	37.2	-60.9	96.	0.0096	0.0098	0.4353	302.0	45.5
9473.	262.4	-60.7	38.2	38.2	-61.0	96.	0.0094	0.0096	0.4303	301.0	45.1
9547.	259.3	-60.8	39.1	39.1	-61.1	96.	0.0093	0.0095	0.4254	301.0	45.0
9619.	256.3	-60.9	40.0	40.0	-61.2	96.	0.0092	0.0094	0.4207	300.0	44.7
9692.	253.3	-61.0	40.9	40.9	-61.3	96.	0.0091	0.0093	0.4159	300.0	44.2
9761.	250.5	-61.2	41.6	41.6	-61.5	96.	0.0088	0.0091	0.4117	299.0	43.5
9830.	247.7	-61.1	42.7	42.8	-61.4	96.	0.0089	0.0092	0.4069	298.0	43.2
9903.	244.8	-61.1	43.8	43.8	-61.4	96.	0.0089	0.0092	0.4022	298.0	42.7
9977.	241.9	-61.3	44.6	44.6	-61.6	96.	0.0087	0.0089	0.3978	297.0	42.7
10052.	239.0	-61.7	45.1	45.1	-62.0	96.	0.0082	0.0085	0.3938	297.0	42.6
10127.	236.1	-61.6	46.3	46.4	-61.9	96.	0.0083	0.0086	0.3888	296.0	42.5
10201.	233.3	-61.5	47.6	47.6	-61.8	96.	0.0085	0.0087	0.3840	296.0	42.5
10276.	230.5	-61.5	48.7	48.7	-61.8	96.	0.0085	0.0087	0.3794	296.0	42.5
10351.	227.7	-61.4	50.0	50.0	-61.7	96.	0.0086	0.0088	0.3746	296.0	42.5
10425.	225.0	-61.3	51.2	51.2	-61.6	96.	0.0087	0.0089	0.3700	296.0	42.3
10500.	222.3	-61.3	52.4	52.4	-61.6	96.	0.0087	0.0089	0.3656	296.0	42.3
10576.	219.6	-61.2	53.6	53.7	-61.5	96.	0.0088	0.0090	0.3609	296.0	42.2
10652.	216.9	-61.0	55.1	55.1	-61.3	96.	0.0091	0.0093	0.3562	296.0	42.2
10733.	214.1	-60.8	56.6	56.6	-61.1	96.	0.0093	0.0095	0.3512	296.0	42.1
10812.	211.4	-60.5	58.3	58.3	-60.8	96.	0.0097	0.0099	0.3463	296.0	42.2
10895.	208.6	-60.4	59.7	59.7	-60.7	96.	0.0098	0.0100	0.3416	296.0	41.8
10979.	205.8	-60.4	61.0	61.0	-60.7	96.	0.0098	0.0100	0.3370	296.0	42.2
11061.	203.1	-60.7	61.8	61.8	-61.0	96.	0.0094	0.0096	0.3330	296.0	42.3
11141.	200.5	-61.0	62.6	62.6	-61.3	96.	0.0091	0.0093	0.3292	296.0	42.4
11222.	197.9	-61.3	63.5	63.5	-61.6	96.	0.0087	0.0089	0.3254	296.0	42.5
11304.	195.3	-61.6	64.1	64.1	-61.9	96.	0.0085	0.0086	0.3216	296.0	42.7
11387.	192.7	-61.9	65.1	65.1	-62.1	96.	0.0081	0.0083	0.3176	296.0	42.6
11470.	190.1	-62.0	65.1	65.1	-62.3	96.	0.0079	0.0081	0.3136	296.0	43.0
11552.	187.6	-62.1	67.2	67.2	-62.4	96.	0.0076	0.0080	0.3097	296.0	43.1
11636.	185.0	-62.1	68.6	68.6	-62.4	96.	0.0078	0.0080	0.3054	296.0	43.2
11722.	182.5	-62.2	70.1	70.1	-62.5	96.	0.0079	0.0081	0.3011	296.0	43.3
11807.	180.0	-61.9	71.6	71.6	-62.2	96.	0.0082	0.0082	0.2968	295.0	43.3
11893.	177.6	-61.9	72.8	72.8	-62.2	96.	0.0080	0.0082	0.2932	295.0	43.2
11983.	175.1	-61.9	73.9	73.9	-62.2	96.	0.0080	0.0082	0.2899	295.0	43.2
12077.	172.7	-61.9	75.1	75.1	-62.2	96.	0.0080	0.0082	0.2864	295.0	43.3
12168.	170.5	-62.0	76.2	76.2	-62.3	96.	0.0079	0.0081	0.2831	294.0	43.4
12260.	168.3	-62.1	77.3	77.3	-62.4	96.	0.0078	0.0080	0.2800	294.0	43.4
12348.	166.2	-62.2	78.3	78.3	-62.4	96.	0.0077	0.0078	0.2769	294.0	43.5
12432.	164.2	-62.3	79.2	79.2	-62.6	96.	0.0074	0.0076	0.2739	294.0	43.7
12513.	162.3	-62.4	79.9	79.9	-62.7	96.	0.0073	0.0075	0.2709	293.0	43.7
12589.	160.7	-62.5	80.5	80.5	-62.8	96.	0.0072	0.0073	0.2679	293.0	43.8
12661.	159.2	-62.6	81.0	81.0	-62.9	96.	0.0069	0.0071	0.2650	293.0	43.8
12729.	157.8	-62.7	81.5	81.5	-63.0	96.	0.0068	0.0070	0.2618	293.0	43.6
12793.	156.5	-62.8	82.0	82.0	-63.1	96.	0.0067	0.0069	0.2585	292.0	43.7
12854.	155.2	-62.8	82.5	82.5	-63.1	96.	0.0067	0.0069	0.2554	292.0	44.0
12913.	154.0	-62.9	82.9	82.9	-63.2	96.	0.0066	0.0068	0.2524	292.0	44.0
12969.	152.9	-62.9	83.3	83.3	-63.2	96.	0.0066	0.0068	0.2493	292.0	44.1
13023.	151.8	-63.0	83.7	83.7	-63.3	96.	0.0065	0.0067	0.2469	292.0	44.1
13074.	150.8	-63.0	84.1	84.1	-63.3	96.	0.0065	0.0067	0.2447	292.0	44.0
13124.	149.8	-63.0	84.4	84.4	-63.3	96.	0.0065	0.0067	0.2424	292.0	44.0
13171.	148.9	-63.0	84.7	84.7	-63.3	96.	0.0065	0.0067	0.2404	292.0	44.0
13217.	148.0	-63.0	85.0	85.0	-63.3	96.	0.0065	0.0067	0.2382	291.0	43.8
13261.	147.1	-63.0	85.3	85.3	-63.3	96.	0.0065	0.0067	0.2362	291.0	43.8
13304.	146.3	-63.0	85.6	85.6	-63.3	96.	0.0065	0.0067	0.2341	291.0	43.7
13345.	145.5	-63.0	85.9	85.9	-63.3	96.	0.0065	0.0067	0.2321	291.0	43.6
13385.	144.8	-63.0	86.2	86.2	-63.3	96.	0.0065	0.0067	0.2301	291.0	43.5
13424.	144.0	-63.0	86.4	86.4	-63.3	96.	0.0065	0.0067	0.2282	290.0	43.4
13462.	143.3	-63.0	86.7	86.7	-63.3	96.	0.0065	0.0067	0.2261	290.0	43.2
13500.	142.6	-63.0	86.9	86.9	-63.3	96.	0.0065	0.0067	0.2240	290.0	43.1
13537.	141.9	-63.0	87.2	87.2	-63.3	96.	0.0065	0.0067	0.2220	290.0	43.0
13573.	141.2	-63.0	87.4	87.4	-63.3	96.	0.0065	0.0067	0.2199	290.0	42.9
13608.	140.5	-63.0	87.7	87.7	-63.3	96.	0.0065	0.0067	0.2183	290.0	42.8
13643.	139.8	-63.0	87.9	87.9	-63.3	96.	0.0065	0.0067	0.2165	290.0	42.8
13677.	139.1	-63.0	88.1	88.1	-63.3	96.	0.0065	0.0067	0.2147	290.0	42.8
13710.	138.4	-63.0	88.4	88.4	-63.3	96.	0.0065	0.0067	0.2125	290.0	42.8
13743.	137.7	-63.0	88.6	88.6	-63.3	96.	0.0065	0.0067	0.2106	290.0	42.8
13775.	137.0	-63.0	88.8	88.8	-63.3	96.	0.0065	0.0067	0.2088	290.0	42.8
13807.	136.4	-63.0	89.0	89.0	-63.3	96.	0.0065	0.0067	0.2069	290.0	42.8
13837.	135.7	-63.0	89.3	89.3	-63.3	96.	0.0065	0.0067	0.2048	290.0	42.8
13868.	135.1	-63.0	89.5	89.5	-63.3	96.	0.0065	0.0067	0.2028	290.0	42.8
13898.	134.4	-63.0	89.7	89.7	-63.3	96.	0.0065	0.0067	0.2011	290.0	42.7
13927.	133.8	-63.0	89.9	89.9	-63.3	96.	0.0065	0.0067	0.1992	290.0	42.6
13956.	133.2	-63.0	90.1	90.1	-63.3	96.	0.0065	0.0067	0.1973	290.0	42.6
13985.	132.6	-63.0	90.3	90.3	-63.3	96.	0.0065	0.0067	0.1955	290.0	42.7
14013.	132.0	-63.0	90.5	90.5	-63.3	96.	0.0065	0.0067	0.1937	290.0	42.6
14041.	131.4	-63.0	90.7	90.7	-63.3	96.	0.0065	0.0067	0.1917	290.0	42.6
14069.	130.8	-63.0	90.9	90.9	-63.3	96.	0.0065	0.0067	0.1899	290.0	42.4
14096.	130.2	-63.0	91.1	91.1	-63.3	96.	0.0065	0.0067	0.1882	290.0	42.3
14123.	129.7	-63.0	91.3	91.3	-63.3	96.	0.0065	0.0067	0.1865	290.0	42.2
14149.	129.1	-63.0	91.5	91.5	-63.3	96.	0.0065	0.0067	0.1848	290.0	42.1
14176.	128.5	-63.0	91.7	91.7	-63.3	96.	0.0065	0.0067	0.1832	290.0	41.9
14202.	128.0	-63.0	91.9	91.9	-63.3	96.	0.0065	0.0067	0.1814	290.0	41.8
14228.	127.4	-63.0	92.1	92.1	-63.3	96.	0.0065	0.0067	0.1796	290.0	41.7
14253.	126.9	-63.0	92.3	92.3	-63.3	96.	0.0065	0.0067	0.1780	290.0	41.6
14279.	126.3	-63.0	92.5	92.5	-63.3	96.	0.0065	0.0067	0.1764	290.0	41.5
14304.	125.8	-63.0	92.7	92.7	-63.3	96.	0.0065	0.0067	0.1748	290.0	41.4
14329.	125.3	-63.0	92.9	92.9	-63.3	96.	0.0065	0.0067	0.1732	290.0	41.3
14354.	124.8	-63.0	93.1	93.1	-63.3	96.	0.0065	0.0067	0.1717	290.0	41.4
14379.	124.2	-63.0	93.3	93.3	-63.3	96.	0.0065	0.0067	0.1701	290.0	41.5
14403.	123.7	-63.0	93.5	93.5	-63.3	96.	0.0065	0.0067	0.1685	290.0	41.5
14428.	123.2	-63.0	93.7	93.7	-63.3	96.	0.0065	0.0067	0.1669	290.0	41.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
15367.	131.1	-59.1	137.6	137.6	-61.2	96.	0.0125	0.0107	0.1652	288.0	41.6
15425.	100.2	-59.7	136.6	136.6	-60.3	96.	0.0121	0.0110	0.1635	288.0	41.4
15467.	93.2	-59.6	140.4	140.4	-60.7	96.	0.0115	0.0114	0.1617	288.0	41.0
15544.	86.2	-59.1	142.1	142.1	-60.4	96.	0.0117	0.0118	0.1600	287.0	40.8
15622.	87.4	-58.6	143.6	143.6	-57.2	86.	0.0162	0.0162	0.1584	287.0	40.6
15654.	86.6	-58.6	145.1	145.1	-58.4	93.	0.0127	0.0127	0.1569	287.0	40.7
15712.	85.7	-58.6	146.4	146.4	-58.4	96.	0.0127	0.0128	0.1553	287.0	40.8
15772.	84.8	-58.6	147.7	147.8	-58.7	96.	0.0133	0.0133	0.1538	287.0	41.0
15851.	83.9	-58.4	148.8	148.8	-58.7	96.	0.0135	0.0135	0.1523	287.0	41.2
15885.	83.1	-58.4	150.1	150.1	-58.5	96.	0.0135	0.0135	0.1510	287.0	41.2
15948.	82.2	-58.4	151.3	151.3	-58.6	96.	0.0132	0.0132	0.1496	287.0	41.3
16021.	81.4	-58.4	152.4	152.4	-58.6	96.	0.0132	0.0132	0.1482	287.0	41.4
16083.	80.6	-58.4	153.8	153.8	-58.6	96.	0.0133	0.0133	0.1467	287.0	41.5
16115.	79.7	-58.1	155.1	155.1	-58.4	96.	0.0134	0.0135	0.1453	287.0	41.6
16175.	78.9	-57.9	156.5	156.6	-58.2	96.	0.0134	0.0136	0.1439	287.0	41.7
16232.	78.1	-57.7	157.8	157.8	-58.0	96.	0.0141	0.0142	0.1425	287.0	42.1
16290.	77.3	-57.5	159.0	159.0	-57.8	96.	0.0145	0.0144	0.1410	287.0	42.2
16344.	76.5	-57.3	160.3	160.3	-57.6	96.	0.0149	0.0150	0.1396	287.0	42.4
16406.	75.7	-57.1	161.7	161.7	-57.3	96.	0.0155	0.0156	0.1381	287.0	42.5
16458.	75.0	-56.9	163.0	163.0	-57.1	96.	0.0161	0.0162	0.1368	287.0	42.6
16518.	74.2	-56.7	164.3	164.3	-56.8	96.	0.0163	0.0164	0.1355	287.0	42.7
16571.	73.5	-56.5	165.7	165.7	-56.6	96.	0.0163	0.0164	0.1343	287.0	42.8
16632.	72.7	-56.3	167.0	167.0	-56.4	96.	0.0165	0.0166	0.1330	287.0	42.9
16688.	72.0	-56.1	168.4	168.4	-56.2	96.	0.0180	0.0180	0.1318	287.0	43.0
16745.	71.3	-56.0	169.7	169.7	-56.0	96.	0.0178	0.0178	0.1307	287.0	43.1
16803.	70.5	-55.8	171.0	171.0	-55.8	96.	0.0177	0.0177	0.1293	287.0	43.2
16858.	69.8	-55.6	172.3	172.3	-55.6	96.	0.0174	0.0174	0.1281	287.0	43.3
16914.	69.1	-55.4	173.7	173.7	-55.4	96.	0.0177	0.0177	0.1269	287.0	43.3
16979.	68.3	-55.2	175.0	175.1	-55.2	96.	0.0179	0.0179	0.1256	287.0	43.4
17035.	67.6	-55.0	176.4	176.4	-55.0	96.	0.0179	0.0179	0.1244	287.0	43.4
17093.	66.9	-54.8	177.7	177.7	-54.8	96.	0.0179	0.0179	0.1233	287.0	43.5
17151.	66.2	-54.6	179.1	179.1	-54.6	96.	0.0181	0.0181	0.1221	287.0	43.5
17216.	65.4	-54.4	180.4	180.5	-54.4	96.	0.0184	0.0183	0.1207	287.0	43.6
17278.	64.7	-54.2	181.8	181.8	-54.2	96.	0.0188	0.0188	0.1195	287.0	43.6
17329.	64.1	-54.1	183.1	183.1	-54.1	96.	0.0193	0.0193	0.1184	287.0	43.6
17380.	63.4	-54.0	184.4	184.4	-54.0	96.	0.0198	0.0198	0.1171	287.0	43.6
17442.	62.8	-53.8	185.8	185.8	-53.8	96.	0.0202	0.0202	0.1161	287.0	43.6
17504.	62.1	-53.6	187.2	187.2	-53.6	96.	0.0207	0.0207	0.1148	287.0	43.7
17566.	61.4	-53.4	188.6	188.7	-53.4	96.	0.0212	0.0212	0.1135	287.0	43.7
17628.	60.7	-53.2	190.0	190.0	-53.2	96.	0.0217	0.0217	0.1123	287.0	43.8
17684.	60.1	-53.0	191.4	191.4	-53.0	96.	0.0222	0.0222	0.1112	287.0	43.8
17746.	59.5	-52.8	192.8	192.8	-52.8	96.	0.0227	0.0227	0.1101	287.0	43.9
17805.	58.8	-52.7	194.2	194.2	-52.7	96.	0.0232	0.0232	0.1089	287.0	44.0
17861.	58.2	-52.5	195.6	195.6	-52.5	96.	0.0238	0.0238	0.1079	287.0	44.0
17918.	57.6	-52.3	197.0	197.0	-52.3	96.	0.0243	0.0243	0.1069	287.0	44.1
17975.	57.0	-52.1	198.4	198.4	-52.1	96.	0.0249	0.0249	0.1059	287.0	44.2
18024.	56.5	-52.0	199.8	199.8	-52.0	96.	0.0254	0.0254	0.1050	287.0	44.2
18082.	55.9	-51.8	201.3	201.4	-51.8	96.	0.0260	0.0260	0.1039	287.0	44.3
18131.	55.4	-51.6	202.7	202.7	-51.6	96.	0.0266	0.0266	0.1030	287.0	44.3
18191.	54.8	-51.4	204.1	204.1	-51.4	96.	0.0272	0.0272	0.1020	287.0	44.4
18251.	54.2	-51.2	205.6	205.6	-51.2	96.	0.0278	0.0278	0.1010	287.0	44.5
18302.	53.7	-51.0	207.0	207.0	-51.0	96.	0.0284	0.0284	0.1001	287.0	44.5
18363.	53.1	-50.8	208.5	208.5	-50.8	96.	0.0290	0.0290	0.0990	287.0	44.6
18415.	52.6	-50.7	209.9	209.9	-50.7	96.	0.0296	0.0296	0.0981	287.0	44.7
18478.	52.0	-50.5	211.4	211.4	-50.5	96.	0.0302	0.0302	0.0970	287.0	44.8
18531.	51.5	-50.3	212.8	212.8	-50.3	96.	0.0308	0.0308	0.0961	287.0	44.8
18595.	50.9	-50.1	214.3	214.3	-50.1	96.	0.0314	0.0314	0.0951	287.0	44.9
18648.	50.4	-49.9	215.8	215.8	-49.9	96.	0.0320	0.0320	0.0942	287.0	45.0
18703.	49.9	-49.7	217.2	217.2	-49.7	96.	0.0327	0.0327	0.0933	287.0	45.0
18758.	49.4	-49.6	218.7	218.7	-49.6	96.	0.0333	0.0333	0.0923	287.0	45.1
18824.	48.8	-49.4	220.1	220.1	-49.4	96.	0.0339	0.0339	0.0912	287.0	45.2
18880.	48.3	-49.2	221.6	221.6	-49.2	96.	0.0345	0.0345	0.0904	287.0	45.3
18937.	47.8	-49.0	223.1	223.1	-49.0	96.	0.0352	0.0352	0.0895	287.0	45.3
18994.	47.3	-48.9	224.5	224.5	-48.9	96.	0.0358	0.0358	0.0887	287.0	45.4
19052.	46.8	-48.7	226.0	226.0	-48.7	96.	0.0365	0.0365	0.0878	287.0	45.5
19110.	46.3	-48.5	227.5	227.5	-48.5	96.	0.0371	0.0371	0.0870	287.0	45.6
19169.	45.8	-48.3	229.0	229.0	-48.3	96.	0.0378	0.0378	0.0862	287.0	45.7
19228.	45.3	-48.2	230.5	230.5	-48.2	96.	0.0385	0.0385	0.0853	287.0	45.8
19288.	44.8	-48.0	232.0	232.0	-48.0	96.	0.0392	0.0392	0.0845	287.0	45.9
19349.	44.3	-47.8	233.5	233.5	-47.8	96.	0.0399	0.0399	0.0837	287.0	46.0
19411.	43.8	-47.6	235.0	235.0	-47.6	96.	0.0406	0.0406	0.0829	287.0	46.1
19471.	43.3	-47.5	236.5	236.5	-47.5	96.	0.0413	0.0413	0.0821	287.0	46.2
19534.	42.8	-47.3	238.0	238.0	-47.3	96.	0.0420	0.0420	0.0813	287.0	46.3
19596.	42.3	-47.1	239.5	239.5	-47.1	96.	0.0427	0.0427	0.0805	287.0	46.4
19659.	41.8	-46.9	241.0	241.0	-46.9	96.	0.0434	0.0434	0.0797	287.0	46.5
19722.	41.3	-46.7	242.5	242.5	-46.7	96.	0.0441	0.0441	0.0789	287.0	46.6
19786.	40.8	-46.5	244.0	244.0	-46.5	96.	0.0448	0.0448	0.0781	287.0	46.7
19850.	40.4	-46.3	245.5	245.5	-46.3	96.	0.0455	0.0455	0.0774	287.0	46.8
19914.	39.9	-46.2	247.0	247.0	-46.2	96.	0.0463	0.0463	0.0767	287.0	46.9
19979.	39.4	-46.0	248.5	248.5	-46.0	96.	0.0470	0.0470	0.0759	287.0	47.0
20044.	38.9	-45.8	250.0	250.0	-45.8	96.	0.0478	0.0478	0.0752	287.0	47.1
20110.	38.4	-45.6	251.5	251.5	-45.6	96.	0.0485	0.0485	0.0745	287.0	47.2
20176.	37.9	-45.4	253.0	253.0	-45.4	96.	0.0493	0.0493	0.0738	287.0	47.3
20243.	37.4	-45.3	254.5	254.5	-45.3	96.	0.0501	0.0501	0.0732	287.0	47.4
20310.	36.9	-45.1	256.0	256.0	-45.1	96.	0.0509	0.0509	0.0724	287.0	47.5
20378.	36.4	-44.9	257.5	257.5	-44.9	96.	0.0517	0.0517	0.0717	287.0	47.6

SOUNDING 5.0
LATITUDE -52.5 LONGITUDE -17.1
DATE 10-17-81 TIME 1141 GMT
NUMBER OF LEVELS 375

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	995.3	1.5	1.9	2.5	0.3	92.	6.2921	4.9850	1.2674	340.0	0.0
54.	989.6	1.5	2.4	3.1	0.5	93.	6.3604	5.0364	1.2590	340.0	8.9
112.	981.6	1.3	2.8	3.4	0.3	93.	6.2645	4.9680	1.2509	334.0	9.2
172.	974.3	1.0	3.0	3.7	-0.0	93.	6.1355	4.8671	1.2429	329.0	9.5
231.	967.1	0.7	3.3	4.0	-0.2	94.	6.0686	4.8167	1.2350	325.0	9.7
293.	959.7	0.4	3.6	4.3	-0.5	94.	5.9382	4.7184	1.2269	322.0	10.0
350.	952.8	0.2	4.0	4.6	-0.7	94.	5.8527	4.6534	1.2189	319.0	10.2
408.	946.0	0.1	4.5	5.1	-0.9	93.	5.7484	4.5752	1.2106	317.0	9.9
461.	939.7	0.1	5.0	5.6	-0.7	94.	5.8101	4.6216	1.2026	315.0	9.9
517.	933.2	0.1	5.5	6.2	-0.9	93.	5.7492	4.5748	1.1943	314.0	9.7
571.	926.9	-0.1	5.9	6.5	-1.1	92.	5.5997	4.4601	1.1870	312.0	9.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+2*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
627.	925.5	-5.4	6.1	6.8	-1.5	81.	5.4122	4.3105	1.1808	311.0	8.4
669.	914.4	-5.4	6.7	7.5	-1.6	81.	5.2144	4.2158	1.1721	312.0	8.2
738.	896.1	-5.5	7.5	8.2	-2.8	79.	5.0288	4.0702	1.1635	310.0	8.1
757.	891.6	-5.1	8.1	8.7	-2.9	79.	4.8779	3.8553	1.1541	311.0	8.0
845.	870.7	-4.1	8.4	8.9	-4.7	72.	4.4426	3.5969	1.1455	307.0	8.0
901.	857.4	-3.5	9.1	9.6	-5.4	68.	4.1287	3.3478	1.1364	306.0	8.1
955.	844.6	-3.0	9.4	10.0	-6.4	62.	3.8837	3.0898	1.1287	303.0	8.1
1320.	765.8	-0.3	10.2	10.7	-5.5	69.	3.5316	2.8703	1.1210	301.0	8.1
1086.	863.1	-0.4	10.4	10.7	-7.6	56.	3.2161	2.6245	1.1143	299.0	8.2
1144.	860.8	-1.4	10.4	10.8	-6.8	61.	3.0928	2.5063	1.1070	298.0	8.3
1200.	858.7	-1.5	10.5	10.8	-6.2	65.	3.1170	2.5477	1.1024	297.0	8.6
1256.	856.7	-2.4	10.4	10.8	-7.4	55.	3.0667	2.6639	1.0972	295.0	8.5
1314.	844.5	-2.4	10.5	10.8	-7.7	54.	3.1804	2.5966	1.0912	294.0	8.5
1376.	837.5	-3.4	10.6	11.0	-7.6	58.	3.1414	2.5661	1.0846	293.0	8.7
1437.	831.2	-3.9	10.7	11.1	-7.4	61.	3.1441	2.5681	1.0780	292.0	8.6
1501.	824.7	-4.4	10.7	11.2	-7.7	60.	2.9284	2.3993	1.0714	291.0	10.1
1562.	818.5	-4.8	10.8	11.3	-7.8	60.	2.8661	2.3482	1.0647	290.0	10.1
1624.	812.1	-5.2	10.8	11.3	-11.2	39.	2.3792	1.9665	1.0578	287.0	8.7
1677.	806.8	-5.8	10.8	11.3	-13.1	32.	2.0916	1.6588	1.0514	287.0	9.8
1735.	800.8	-6.3	10.9	11.4	-12.1	44.	1.9452	1.5390	1.0448	286.0	9.6
1792.	794.7	-6.8	11.0	11.5	-14.7	27.	1.7264	1.4335	1.0385	285.0	9.8
1851.	788.7	-6.4	12.7	12.5	-14.0	31.	1.8431	1.5241	1.0315	284.0	10.1
1911.	782.6	-6.7	12.8	12.9	-13.4	35.	1.9197	1.5948	1.0248	283.0	10.2
1971.	776.6	-7.1	12.8	13.1	-13.0	39.	1.9449	1.6535	1.0185	283.0	10.5
2029.	770.8	-7.4	12.1	13.4	-12.8	42.	2.0320	1.6911	1.0122	282.0	11.0
2086.	765.2	-7.7	13.4	13.7	-12.0	48.	2.1711	1.8018	1.0055	281.0	11.0
2151.	759.0	-8.1	13.8	14.0	-11.6	53.	2.2837	1.8649	0.9992	280.0	11.1
2211.	753.1	-8.7	13.9	14.2	-11.4	59.	2.3118	1.9125	0.9940	279.0	11.2
2267.	747.6	-9.2	13.9	14.2	-11.6	59.	2.2955	1.8648	0.9878	280.0	11.3
2314.	743.6	-9.4	14.1	14.4	-11.9	59.	2.1917	1.8181	0.9823	279.0	11.5
2374.	737.3	-9.8	14.2	14.5	-12.4	57.	2.0697	1.7442	0.9759	280.0	11.8
2434.	731.6	-9.8	14.4	14.7	-12.9	56.	2.0171	1.6798	0.9694	278.0	11.7
2494.	725.9	-10.3	14.5	14.8	-13.2	56.	1.9885	1.6092	0.9637	279.0	12.1
2554.	720.2	-10.8	14.5	14.8	-14.1	53.	1.8711	1.5225	0.9578	281.0	12.1
2614.	714.6	-11.2	14.5	14.8	-14.4	52.	1.7777	1.4713	0.9518	281.0	12.0
2674.	709.4	-11.7	14.6	14.9	-14.3	53.	1.8098	1.4892	0.9466	281.0	11.9
2735.	704.3	-12.1	14.6	15.0	-15.3	48.	1.6624	1.3614	0.9412	282.0	11.9
2796.	699.3	-12.4	14.7	15.0	-15.8	47.	1.6276	1.3265	0.9349	283.0	11.9
2856.	694.1	-12.9	14.8	15.1	-15.9	46.	1.5772	1.2863	0.9290	284.0	12.0
2915.	689.2	-13.4	14.8	15.2	-15.4	48.	1.5483	1.2315	0.9229	285.0	12.1
2975.	684.5	-13.9	14.9	15.2	-16.9	46.	1.3542	1.1787	0.9169	286.0	12.2
3034.	679.9	-14.3	14.9	15.3	-17.7	43.	1.2899	1.0949	0.9107	287.0	12.2
3101.	674.3	-14.8	14.9	15.3	-18.3	42.	1.2160	1.0340	0.9049	288.0	12.0
3161.	669.0	-15.2	14.9	15.3	-18.8	41.	1.1556	0.9847	0.8991	289.0	12.1
3220.	663.8	-15.7	14.9	15.4	-18.3	41.	1.1724	0.9919	0.8937	289.0	12.1
3281.	658.5	-16.2	14.9	15.4	-19.7	38.	1.1261	0.9130	0.8883	290.0	12.1
3342.	653.2	-16.8	15.1	15.5	-20.7	38.	0.9718	0.8340	0.8824	291.0	12.1
3400.	644.2	-17.0	17.2	17.4	-21.5	38.	0.8949	0.7705	0.8769	291.0	12.0
3460.	639.5	-17.4	17.4	17.6	-22.4	37.	0.8220	0.7103	0.8718	291.0	11.9
3519.	634.5	-17.8	17.6	17.8	-23.3	36.	0.7633	0.6532	0.8663	291.0	11.8
3574.	629.4	-18.2	17.8	18.0	-24.2	36.	0.6980	0.5992	0.8606	290.0	11.5
3634.	624.3	-18.6	18.1	18.2	-25.1	35.	0.6274	0.5481	0.8549	290.0	11.2
3695.	619.2	-19.0	18.3	18.4	-26.1	34.	0.5698	0.4997	0.8492	289.0	11.0
3753.	614.4	-19.4	18.5	18.6	-26.9	34.	0.5265	0.4632	0.8439	289.0	11.0
3811.	609.6	-19.9	18.7	18.8	-27.4	37.	0.4962	0.4375	0.8386	289.0	10.9
3869.	604.9	-20.3	18.9	19.0	-27.8	37.	0.4775	0.4217	0.8335	288.0	10.7
3930.	599.9	-20.8	18.9	19.0	-28.4	37.	0.4506	0.3980	0.8285	289.0	10.6
3990.	595.0	-21.3	19.0	19.1	-28.4	36.	0.4476	0.3964	0.8234	287.0	10.1
4049.	590.3	-21.8	19.0	19.1	-28.8	36.	0.4329	0.3821	0.8188	286.0	10.0
4107.	585.6	-22.4	19.0	19.1	-29.1	36.	0.4186	0.3716	0.8139	285.0	9.5
4165.	581.0	-22.9	19.1	19.2	-29.6	36.	0.3989	0.3545	0.8091	284.0	9.5
4226.	576.2	-23.4	19.3	19.4	-30.4	35.	0.3645	0.3254	0.8040	284.0	9.8
4287.	571.4	-23.9	19.4	19.4	-31.1	35.	0.3399	0.3043	0.7989	286.0	10.0
4350.	566.5	-24.5	19.6	19.6	-32.1	35.	0.3162	0.2753	0.7933	285.0	10.3
4410.	561.8	-24.7	19.8	19.8	-32.9	34.	0.2810	0.2536	0.7880	285.0	10.6
4475.	556.6	-25.2	19.9	20.0	-33.8	34.	0.2551	0.2309	0.7825	286.0	10.8
4539.	551.9	-25.8	20.0	20.0	-34.6	34.	0.2343	0.2124	0.7775	285.0	10.5
4602.	547.1	-26.3	20.1	20.0	-35.1	34.	0.2228	0.2028	0.7723	283.0	11.1
4664.	542.4	-26.8	20.2	20.0	-36.0	34.	0.2012	0.1839	0.7672	281.0	11.3
4724.	537.9	-27.2	20.2	20.0	-36.6	34.	0.1881	0.1723	0.7620	278.0	11.1
4783.	533.5	-27.7	20.2	20.0	-37.1	34.	0.1766	0.1641	0.7573	275.0	11.5
4840.	529.3	-28.1	20.3	20.0	-37.8	34.	0.1636	0.1507	0.7532	274.0	12.2
4896.	525.0	-28.5	20.9	21.0	-38.6	34.	0.1514	0.1398	0.7477	274.0	12.6
4956.	520.9	-28.8	21.2	21.2	-40.0	33.	0.1295	0.1203	0.7426	272.0	13.5
5014.	516.6	-29.1	21.6	21.6	-41.5	33.	0.1098	0.1018	0.7375	272.0	13.9
5072.	512.4	-29.5	21.8	21.8	-43.3	32.	0.0883	0.0833	0.7327	269.0	14.3
5135.	507.9	-29.7	22.3	22.3	-44.3	30.	0.0787	0.0745	0.7268	270.0	15.3
5194.	503.7	-29.8	22.5	22.5	-46.3	28.	0.0623	0.0595	0.7211	270.0	16.0
5252.	499.6	-29.8	23.5	23.6	-49.3	24.	0.0428	0.0414	0.7152	270.0	16.7
5310.	495.5	-29.9	24.1	24.1	-53.0	20.	0.0270	0.0265	0.7096	270.0	17.4
5369.	491.4	-30.4	24.2	24.2	-53.5	17.	0.0256	0.0252	0.7052	270.0	18.1
5430.	487.2	-30.8	24.5	24.5	-52.7	18.	0.0281	0.0276	0.7003	270.0	18.9
5489.	483.2	-31.4	24.4	24.4	-52.3	19.	0.0296	0.0291	0.6963	270.0	19.5
5546.	479.3	-32.0	24.4	24.4	-52.8	19.	0.0278	0.0274	0.6924	270.0	19.8
5603.	475.4	-32.4	24.6	24.6	-53.1	19.	0.0267	0.0263	0.6879	270.0	20.3
5661.	471.5	-32.8	24.8	24.8	-54.4	18.	0.0227	0.0225	0.6834	270.0	20.7
5723.	467.4	-33.3	25.3	25.3	-56.8	16.	0.0167	0.0167	0.6780	272.0	21.3
5783.	463.4	-33.2	25.8	25.8	-60.0	14.	0.0109	0.0111	0.6728	273.0	21.3
5845.	459.3	-33.5	26.1	26.1	-62.3	13.	0.0079	0.0081	0.6677	274.0	21.5
5903.	455.5	-33.9	26.3	26.4	-62.6	13.	0.0076	0.0078	0.6632	275.0	21.6
5962.	451.5	-34.4	26.4	26.4	-65.9	12.	0.0048	0.0050	0.6592	275.0	21.5
6016.	448.2	-34.8	26.6	26.6	-66.2	12.	0.0046	0.0048	0.6551	276.0	21.8
6074.	444.5	-35.3	26.7	26.7	-66.5	12.	0.0043	0.0045	0.6510	277.0	21.9
6132.	440.8	-35.8	26.8	26.8	-66.9	12.	0.0041	0.0043	0.6470	278.0	22.2
6190.	437.1	-36.2	26.6	26.6	-67.5	12.	0.0038	0.0040	0.6434	279.0	22.4
6251.	433.3	-37.1	26.6	26.6	-67.9	12.	0.0036	0.0038	0.6395	280.0	22.5
6308.	429.7	-37.5	26.8	26.8	-68.2	12.	0.0034	0.0036	0.6352	282.0	23.0
6366.	426.1	-37.9	27.0	27.0	-68.5	12.	0.0033	0.0035	0.6310	282.0	23.4
6426.	422.4	-38.4	27.1	27.1	-68.9	12.	0.0031	0.0033	0.6268	283.0	23.6
6486.	418.7	-39.0	27.1	27.1	-66.6	3.	0.0043	0.0045	0.6229	283.0	23.9
6547.	415.0	-39.4	27.1	27.1	-65.0	4.	0.0054	0.0056	0.6190	284.0	24.3
6606.	411.4	-40.1	27.2	27.2	-65.4	4.	0.0051	0.0053	0.6150	284.0	24.7
6666.	407.8	-40.7	27.2	27.2	-65.9	4.	0.0048	0.0050	0.6112	284.0	24.9
6728.	404.1	-41.3	27.2	27.2	-66.4	4.	0.0044	0.0047	0.6072	284.0	25.2
6787.	400.6	-41.8	27.3	27.3	-66.8	4.	0.0042	0.0044	0.6032	284.0	25.4
6845.	397.2	-42.3	27.4	27.4	-67.2	4.	0.0040	0.0042	0.5994	284.0	25.5
6906.	393.6	-42.8	27.5	27.5	-66.0	5.	0.0047	0.0049	0.5952	284.0	25.6
6968.	390.0	-43.4	27.5	27.5	-66.5	5.	0.0044	0.0046	0.5913	284.0	26.0
7032.	386.3	-43.9	27.7	27.7	-66.9	5.	0.0041	0.0043	0.5870	284.0	26.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7094.	382.7	-44.3	27.9	27.9	-67.2	5.	0.0039	0.0041	0.5826	284.0	26.2
7159.	379.0	-44.6	28.4	28.4	-67.5	5.	0.0038	0.0040	0.5777	284.0	26.1
7227.	375.2	-45.0	28.7	28.7	-67.8	5.	0.0036	0.0038	0.5729	284.0	26.5
7293.	371.5	-45.3	28.9	28.9	-69.7	4.	0.0027	0.0029	0.5685	283.0	26.5
7359.	367.8	-45.9	29.2	29.2	-70.0	4.	0.0026	0.0028	0.5638	283.0	26.5
7424.	364.2	-46.2	29.6	29.6	-70.4	4.	0.0025	0.0026	0.5593	283.0	26.4
7487.	360.8	-46.7	29.8	29.8	-70.7	4.	0.0024	0.0025	0.5550	283.0	26.2
7547.	357.5	-47.3	29.8	29.8	-71.2	4.	0.0022	0.0024	0.5514	284.0	26.7
7610.	354.1	-47.6	29.9	29.9	-71.6	4.	0.0020	0.0022	0.5476	284.0	26.9
7676.	350.6	-48.0	29.9	29.9	-74.0	3.	0.0014	0.0015	0.5437	284.0	25.9
7738.	347.3	-49.0	30.0	30.0	-74.4	3.	0.0013	0.0015	0.5398	284.0	26.7
7802.	343.9	-49.5	30.2	30.2	-72.9	4.	0.0017	0.0018	0.5357	285.0	26.9
7861.	340.8	-49.9	30.5	30.5	-73.2	4.	0.0016	0.0017	0.5318	285.0	26.7
7925.	337.5	-50.4	30.6	30.6	-73.6	4.	0.0015	0.0016	0.5278	285.0	26.7
7987.	334.3	-50.8	30.6	30.6	-75.8	3.	0.0011	0.0012	0.5238	285.0	26.0
8053.	330.9	-51.3	31.1	31.1	-76.2	3.	0.0010	0.0011	0.5196	286.0	27.1
8118.	327.6	-52.0	31.0	31.0	-76.7	3.	0.0009	0.0010	0.5160	286.0	28.2
8179.	324.5	-52.6	31.0	31.0	-77.2	3.	0.0009	0.0009	0.5126	286.0	28.8
8241.	321.4	-52.9	31.4	31.4	-77.5	3.	0.0006	0.0009	0.5083	286.0	29.1
8298.	318.6	-53.1	31.9	31.9	-77.6	3.	0.0006	0.0009	0.5044	286.0	29.6
8354.	315.8	-53.2	32.6	32.6	-75.9	4.	0.0011	0.0012	0.5002	285.0	29.9
8409.	313.1	-53.3	33.2	33.2	-76.0	4.	0.0010	0.0011	0.4961	285.0	30.6
8465.	310.4	-53.4	33.8	33.8	-76.1	4.	0.0010	0.0011	0.4921	285.0	31.2
8517.	307.9	-53.4	34.5	34.5	-76.1	4.	0.0010	0.0011	0.4881	284.0	31.9
8572.	305.3	-53.4	35.2	35.2	-76.1	4.	0.0010	0.0011	0.4840	284.0	32.7
8631.	302.5	-53.6	35.8	35.8	-78.0	3.	0.0008	0.0008	0.4800	284.0	33.2
8693.	299.6	-53.8	36.3	36.3	-80.6	2.	0.0005	0.0006	0.4758	284.0	33.5
8755.	296.8	-54.0	36.9	36.9	-80.8	2.	0.0005	0.0005	0.4718	284.0	33.8
8811.	294.1	-54.1	37.6	37.6	-80.9	2.	0.0005	0.0005	0.4677	284.0	34.0
8870.	291.4	-54.3	38.1	38.1	-85.1	1.	0.0002	0.0003	0.4638	284.0	34.2
8925.	288.9	-54.5	38.6	38.6	-85.2	1.	0.0002	0.0003	0.4603	284.0	34.5
8981.	286.4	-54.7	39.1	39.1	-85.4	1.	0.0002	0.0003	0.4567	284.0	35.0
9035.	284.0	-54.9	39.5	39.5	-85.5	1.	0.0002	0.0002	0.4533	284.0	35.1
9089.	281.6	-55.2	39.9	39.9	-85.8	1.	0.0002	0.0002	0.4501	285.0	35.5
9141.	279.3	-55.4	40.3	40.3	-85.9	1.	0.0002	0.0002	0.4468	285.0	35.8
9194.	277.0	-55.6	40.8	40.8	-86.0	1.	0.0002	0.0002	0.4436	285.0	35.9
9247.	274.7	-55.4	41.4	41.4	-85.9	1.	0.0002	0.0002	0.4395	286.0	35.1
9302.	272.3	-55.3	42.7	42.7	-85.8	1.	0.0002	0.0002	0.4354	286.0	35.9
9361.	269.8	-55.4	43.4	43.4	-85.9	1.	0.0002	0.0002	0.4316	287.0	36.2
9413.	267.6	-55.6	43.9	43.9	-86.0	1.	0.0002	0.0002	0.4285	288.0	36.6
9468.	265.3	-55.7	44.5	44.5	-86.1	1.	0.0002	0.0002	0.4250	289.0	37.0
9521.	263.1	-55.8	45.1	45.1	-86.2	1.	0.0002	0.0002	0.4217	289.0	37.2
9574.	260.9	-55.9	45.7	45.7	-86.3	1.	0.0002	0.0002	0.4184	290.0	37.1
9631.	258.6	-55.9	46.4	46.4	-86.3	1.	0.0002	0.0002	0.4147	290.0	36.5
9682.	256.5	-55.9	47.3	47.3	-86.3	1.	0.0002	0.0002	0.4113	290.0	36.3
9737.	254.3	-55.9	48.1	48.1	-86.3	1.	0.0002	0.0002	0.4078	290.0	36.6
9792.	252.1	-56.1	48.6	48.6	-86.4	1.	0.0002	0.0002	0.4046	291.0	36.4
9850.	249.8	-56.2	49.1	49.1	-86.6	1.	0.0002	0.0002	0.4013	291.0	36.3
9904.	247.5	-56.4	49.8	49.8	-86.6	1.	0.0002	0.0002	0.3978	291.0	36.5
9963.	245.4	-56.4	50.6	50.6	-86.6	1.	0.0002	0.0002	0.3944	292.0	36.2
10015.	243.4	-56.5	51.2	51.2	-86.7	1.	0.0002	0.0002	0.3914	292.0	36.4
10067.	241.4	-56.7	51.7	51.7	-86.9	1.	0.0002	0.0002	0.3885	292.0	36.4
10122.	239.3	-56.8	52.2	52.2	-87.0	1.	0.0002	0.0002	0.3855	293.0	36.2
10175.	237.3	-56.9	53.0	53.0	-87.0	1.	0.0002	0.0002	0.3823	293.0	36.2
10226.	235.4	-57.0	53.6	53.6	-87.1	1.	0.0002	0.0002	0.3794	293.0	36.1
10277.	233.5	-57.1	54.2	54.2	-87.2	1.	0.0002	0.0002	0.3767	293.0	36.0
10324.	231.8	-57.3	54.6	54.6	-87.3	1.	0.0002	0.0002	0.3741	293.0	36.2
10373.	230.0	-57.4	55.1	55.1	-87.4	1.	0.0002	0.0002	0.3714	293.0	36.2
10422.	228.2	-57.4	55.4	55.4	-87.4	1.	0.0002	0.0002	0.3685	294.0	36.2
10475.	226.3	-57.4	56.7	56.7	-87.4	1.	0.0002	0.0002	0.3654	293.0	36.4
10528.	224.4	-57.4	57.5	57.5	-87.4	1.	0.0002	0.0002	0.3623	293.0	36.2
10562.	223.5	-57.6	56.1	56.1	-87.5	1.	0.0001	0.0002	0.3594	292.0	36.1
10636.	223.5	-57.7	58.0	58.0	-87.6	1.	0.0001	0.0002	0.3565	292.0	35.8
10687.	218.8	-57.8	59.5	59.5	-87.6	1.	0.0001	0.0002	0.3536	292.0	35.2
10740.	217.0	-57.8	60.1	60.1	-87.6	1.	0.0001	0.0002	0.3507	291.0	36.6
10789.	215.4	-57.8	61.1	61.1	-87.6	1.	0.0001	0.0002	0.3480	290.0	37.1
10842.	213.6	-57.8	61.6	61.6	-87.7	1.	0.0001	0.0002	0.3454	291.0	37.4
10892.	211.8	-58.0	62.0	62.0	-87.8	1.	0.0001	0.0002	0.3429	293.0	37.8
10942.	210.2	-58.1	62.6	62.6	-87.8	1.	0.0001	0.0002	0.3405	293.0	37.9
10991.	208.5	-58.2	63.2	63.2	-88.0	1.	0.0001	0.0002	0.3379	294.0	38.3
11038.	206.9	-58.3	63.8	63.8	-88.0	1.	0.0001	0.0002	0.3355	294.0	38.4
11091.	205.2	-58.4	64.4	64.4	-88.0	1.	0.0001	0.0002	0.3326	293.0	38.5
11147.	203.4	-58.6	65.0	65.0	-87.9	1.	0.0001	0.0002	0.3293	293.0	38.7
11196.	201.8	-57.7	67.1	67.1	-87.7	1.	0.0001	0.0002	0.3264	293.0	38.6
11246.	200.2	-57.7	67.8	67.8	-87.6	1.	0.0001	0.0002	0.3237	294.0	38.8
11294.	198.7	-57.7	68.4	68.4	-87.6	1.	0.0001	0.0002	0.3213	294.0	39.2
11345.	197.1	-57.8	69.1	69.1	-87.8	1.	0.0001	0.0002	0.3190	294.0	39.2
11396.	195.5	-58.1	69.6	69.6	-87.9	1.	0.0001	0.0002	0.3167	294.0	39.4
11448.	193.9	-58.3	70.1	70.1	-88.0	1.	0.0001	0.0002	0.3144	294.0	39.7
11496.	192.4	-58.5	70.5	70.5	-88.2	1.	0.0001	0.0002	0.3123	294.0	39.7
11549.	190.9	-58.6	71.0	71.0	-88.3	1.	0.0001	0.0002	0.3100	294.0	39.6
11598.	189.5	-58.7	72.0	72.0	-88.3	1.	0.0001	0.0002	0.3074	294.0	39.9
11646.	187.9	-58.6	72.6	72.6	-88.3	1.	0.0001	0.0002	0.3049	294.0	39.5
11698.	186.3	-58.7	73.4	73.4	-88.4	1.	0.0001	0.0002	0.3026	293.0	39.4
11745.	184.9	-58.8	74.0	74.0	-88.4	1.	0.0001	0.0001	0.3005	293.0	39.7
11793.	183.5	-58.8	74.7	74.7	-88.4	1.	0.0001	0.0001	0.2982	293.0	39.6
11841.	182.1	-58.9	75.3	75.3	-88.5	1.	0.0001	0.0001	0.2961	293.0	39.4
11893.	180.6	-59.1	76.0	76.0	-88.6	1.	0.0001	0.0001	0.2938	292.0	39.4
11940.	179.1	-59.1	76.8	76.8	-88.6	1.	0.0001	0.0001	0.2913	292.0	39.4
11991.	177.8	-59.1	77.4	77.4	-88.6	1.	0.0001	0.0001	0.2894	292.0	39.3
12040.	176.4	-59.1	78.0	78.0	-88.6	1.	0.0001	0.0001	0.2871	291.0	39.2
12090.	175.2	-59.1	78.6	78.6	-88.6	1.	0.0001	0.0001	0.2848	291.0	39.1
12137.	173.7	-59.1	79.2	79.2	-88.7	1.	0.0001	0.0001	0.2828	290.0	38.8
12187.	172.3	-59.1	79.8	79.8	-88.7	1.	0.0001	0.0001	0.2807	290.0	38.6
12238.	170.9	-59.1	80.4	80.4	-88.7	1.	0.0001	0.0001	0.2784	289.0	38.2
12290.	169.5	-59.1	81.0	81.0	-88.7	1.	0.0001	0.0001	0.2760	288.0	37.5
12345.	168.1	-59.1	81.7	81.7	-88.7	1.	0.0001	0.0001	0.2735	287.0	37.4
12394.	166.8	-59.1	82.3	82.3	-88.8	1.	0.0001	0.0001	0.2714	286.0	36.8
12454.	165.1	-59.1	84.0	84.0	-88.8	1.	0.0001	0.0001	0.2689	285.0	36.4
12511.	163.6	-59.1	85.0	85.0	-88.8	1.	0.0001	0.0001	0.2665	284.0	35.9
12580.	162.2	-59.1	86.0	86.0	-88.8	1.	0.0001	0.0001	0.2643	283.0	35.8
12627.	161.1	-59.1	87.1	87.1	-88.9	1.	0.0001	0.0001	0.2618	282.0	34.8
12688.	159.1	-59.2	87.9	87.9	-89.0	1.	0.0001	0.0001	0.2595	281.0	35.0
12745.	157.6	-59.2	88.7	88.7	-89.1	1.	0.0001	0.0001	0.2572	280.0	35.1
12803.	156.0	-59.2	89.5	89.5	-89.1	1.	0.0001	0.0001	0.2549	279.0	34.1
12861.	154.7	-59.2	90.2	90.2	-89.2	1.	0.0001	0.0001	0.2527	280.0	34.5
12917.	153.3	-59.1	90.9	90.9	-89.2	1.	0.0001	0.0001	0.2507	279.0	33.8
12974.	151.9	-59.1	91.6	91.6	-89.3	1.	0.0001	0.0001	0.2485	280.0	34.6
13032.	150.5	-59.1	92.4	92.4	-89.3	1.	0.0001	0.0001	0.2463	281.0	34.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13090.	149.1	-60.4	93.2	93.2	-89.6	1.	0.0001	0.0001	0.2441	281.0	34.9
13145.	147.8	-60.4	94.2	94.2	-89.6	1.	0.0001	0.0001	0.2420	282.0	35.1
13204.	146.4	-60.5	95.0	95.0	-89.7	1.	0.0001	0.0001	0.2398	282.0	34.9
13255.	145.2	-60.5	95.8	95.8	-89.7	1.	0.0001	0.0001	0.2379	283.0	36.4
13311.	143.9	-60.5	96.8	96.8	-89.7	1.	0.0001	0.0001	0.2357	284.0	36.5
13363.	142.7	-60.5	97.7	97.7	-89.7	1.	0.0001	0.0001	0.2338	284.0	36.6
13415.	141.5	-60.5	98.6	98.6	-89.7	1.	0.0001	0.0001	0.2318	286.0	36.2
13466.	140.3	-60.5	99.5	99.5	-89.7	1.	0.0001	0.0001	0.2298	286.0	36.4
13517.	139.2	-60.5	100.3	100.3	-89.7	1.	0.0001	0.0001	0.2280	286.0	36.4
13567.	138.1	-60.6	101.0	101.0	-89.8	1.	0.0001	0.0001	0.2263	286.0	36.5
13616.	137.0	-60.7	101.7	101.7	-89.8	1.	0.0001	0.0001	0.2246	286.0	36.4
13666.	135.9	-60.8	102.4	102.4	-89.9	1.	0.0001	0.0001	0.2229	287.0	36.4
13717.	134.8	-60.6	103.6	103.6	-89.8	1.	0.0001	0.0001	0.2209	287.0	36.6
13768.	133.7	-60.3	105.0	105.0	-89.5	1.	0.0001	0.0001	0.2188	287.0	36.6
13814.	132.7	-60.2	106.0	106.0	-89.5	1.	0.0001	0.0001	0.2171	287.0	36.5
13866.	131.6	-60.3	106.7	106.7	-89.5	1.	0.0001	0.0001	0.2154	287.0	36.4
13914.	130.6	-60.4	107.4	107.4	-89.6	1.	0.0001	0.0001	0.2138	287.0	36.4
13966.	129.5	-60.3	108.5	108.5	-89.5	1.	0.0001	0.0001	0.2119	287.0	36.2
14015.	128.5	-60.2	109.5	109.5	-89.5	1.	0.0001	0.0001	0.2102	287.0	36.2
14068.	127.4	-60.3	110.4	110.4	-89.5	1.	0.0001	0.0001	0.2082	287.0	36.1
14122.	126.3	-59.7	112.3	112.3	-89.1	1.	0.0001	0.0001	0.2061	286.0	36.0
14177.	125.2	-59.6	113.4	113.4	-89.2	1.	0.0001	0.0001	0.2042	286.0	36.1
14232.	124.1	-59.5	114.6	114.6	-89.0	1.	0.0001	0.0001	0.2023	286.0	36.2
14293.	122.9	-59.5	115.7	115.7	-89.0	1.	0.0001	0.0001	0.2004	285.0	35.7
14354.	121.7	-59.4	116.9	116.9	-88.9	1.	0.0001	0.0001	0.1983	285.0	35.7
14411.	120.6	-59.4	118.0	118.0	-88.9	1.	0.0001	0.0001	0.1965	284.0	34.5
14468.	119.5	-59.5	118.8	118.8	-88.9	1.	0.0001	0.0001	0.1948	284.0	35.2
14528.	118.4	-59.7	119.5	119.5	-89.1	1.	0.0001	0.0001	0.1932	284.0	34.5
14584.	117.3	-59.7	120.5	120.5	-89.1	1.	0.0001	0.0001	0.1914	285.0	34.3
14645.	116.2	-59.7	121.6	121.6	-89.1	1.	0.0001	0.0001	0.1896	285.0	32.7
14707.	115.0	-59.7	122.7	122.7	-89.1	1.	0.0001	0.0001	0.1877	285.0	32.6
14762.	114.0	-59.6	123.9	123.9	-89.0	1.	0.0001	0.0001	0.1860	285.0	32.4
14811.	113.1	-59.5	125.0	125.0	-88.9	1.	0.0001	0.0001	0.1844	285.0	32.7
14867.	112.1	-59.5	126.0	126.0	-88.9	1.	0.0001	0.0001	0.1825	284.0	32.7
14923.	111.1	-58.5	126.8	126.8	-88.0	1.	0.0001	0.0001	0.1806	284.0	33.0
14974.	110.2	-58.7	128.0	128.0	-88.3	1.	0.0001	0.0002	0.1790	284.0	33.4
15031.	109.2	-58.5	129.0	129.0	-88.1	1.	0.0001	0.0001	0.1775	284.0	33.6
15083.	108.3	-58.5	129.8	129.8	-88.1	1.	0.0001	0.0001	0.1761	284.0	33.8
15135.	107.4	-59.1	131.1	131.1	-88.6	1.	0.0001	0.0001	0.1748	284.0	33.8
15188.	106.5	-58.9	131.7	131.7	-88.4	1.	0.0001	0.0001	0.1735	284.0	34.0
15241.	105.6	-58.9	132.3	132.3	-88.4	1.	0.0001	0.0001	0.1721	284.0	33.6
15298.	104.6	-58.8	133.1	133.1	-88.3	1.	0.0001	0.0001	0.1707	283.0	34.4
15342.	103.9	-59.1	134.1	134.1	-88.6	1.	0.0001	0.0001	0.1698	283.0	34.8
15391.	103.1	-58.9	134.8	134.8	-88.4	1.	0.0001	0.0001	0.1677	283.0	34.8
15446.	102.2	-58.9	135.7	135.7	-88.4	1.	0.0001	0.0001	0.1661	284.0	34.6
15501.	101.3	-58.7	136.5	136.5	-88.3	1.	0.0001	0.0002	0.1646	284.0	35.1
15563.	100.3	-58.6	137.5	137.5	-88.2	1.	0.0001	0.0002	0.1629	284.0	35.3
15625.	99.4	-58.4	138.5	138.5	-88.1	1.	0.0001	0.0002	0.1613	284.0	35.6
15670.	98.6	-58.4	139.2	139.2	-88.1	1.	0.0001	0.0002	0.1599	284.0	36.2
15728.	97.7	-58.2	140.2	140.2	-88.0	1.	0.0001	0.0002	0.1583	284.0	36.8
15784.	96.8	-58.1	141.0	141.0	-87.9	1.	0.0001	0.0002	0.1567	285.0	37.1
15852.	95.8	-57.9	142.0	142.0	-87.8	1.	0.0001	0.0002	0.1550	285.0	37.6
15911.	94.9	-57.9	142.8	142.8	-87.8	1.	0.0001	0.0002	0.1537	284.0	37.6
15971.	94.0	-57.8	143.6	143.6	-87.8	1.	0.0001	0.0002	0.1522	284.0	37.4
16031.	93.1	-57.8	144.4	144.4	-87.8	1.	0.0001	0.0002	0.1507	284.0	37.7
16093.	92.2	-57.7	145.2	145.2	-87.8	1.	0.0001	0.0002	0.1492	284.0	37.7
16147.	91.4	-57.7	145.9	145.9	-87.8	1.	0.0001	0.0002	0.1478	284.0	37.7
16210.	90.5	-57.6	146.8	146.8	-87.7	1.	0.0001	0.0002	0.1463	284.0	37.8
16266.	89.7	-57.6	147.5	147.5	-87.7	1.	0.0001	0.0002	0.1450	284.0	37.8
16322.	88.9	-57.6	148.3	148.3	-87.7	1.	0.0001	0.0002	0.1437	284.0	38.7
16378.	88.2	-57.5	148.9	148.9	-87.5	1.	0.0001	0.0002	0.1425	284.0	38.7
16428.	87.4	-57.5	149.7	149.7	-87.5	1.	0.0001	0.0002	0.1411	284.0	38.6
16487.	86.6	-57.4	150.4	150.4	-87.4	1.	0.0001	0.0002	0.1396	284.0	38.8
16539.	85.9	-57.4	151.2	151.2	-87.4	1.	0.0001	0.0002	0.1385	284.0	38.8
16596.	85.2	-57.3	151.9	151.9	-87.3	1.	0.0001	0.0002	0.1373	284.0	38.8
16643.	84.6	-56.6	152.8	152.8	-87.0	1.	0.0001	0.0002	0.1361	284.0	38.8
16695.	83.8	-56.4	153.6	153.6	-86.9	1.	0.0001	0.0002	0.1349	284.0	38.8
16755.	83.0	-56.4	154.3	154.3	-86.9	1.	0.0001	0.0002	0.1336	284.0	38.8
16815.	82.3	-56.3	154.9	154.9	-86.8	1.	0.0001	0.0002	0.1326	284.0	38.8
16867.	81.6	-56.3	155.7	155.7	-86.8	1.	0.0001	0.0002	0.1313	284.0	38.8
16914.	80.9	-56.3	156.4	156.4	-86.8	1.	0.0001	0.0002	0.1300	284.0	38.8
16973.	80.2	-56.2	157.1	157.1	-86.7	1.	0.0001	0.0002	0.1286	284.0	38.8
17028.	79.5	-56.2	157.8	157.8	-86.7	1.	0.0001	0.0002	0.1272	284.0	38.8
17085.	78.8	-56.2	158.5	158.5	-86.7	1.	0.0001	0.0002	0.1260	284.0	38.8
17142.	78.1	-56.1	159.2	159.2	-86.6	1.	0.0001	0.0002	0.1247	284.0	38.8
17199.	77.4	-56.1	159.9	159.9	-86.6	1.	0.0001	0.0002	0.1234	284.0	38.8
17258.	76.7	-56.0	160.6	160.6	-86.5	1.	0.0001	0.0002	0.1222	284.0	38.8
17315.	76.0	-56.0	161.3	161.3	-86.5	1.	0.0001	0.0002	0.1209	284.0	38.8
17375.	75.3	-56.0	162.0	162.0	-86.5	1.	0.0001	0.0002	0.1197	284.0	38.8
17432.	74.6	-55.9	162.7	162.7	-86.4	1.	0.0001	0.0002	0.1185	284.0	38.8
17496.	73.9	-55.9	163.4	163.4	-86.4	1.	0.0001	0.0002	0.1173	284.0	38.8
17557.	73.2	-55.8	164.1	164.1	-86.4	1.	0.0001	0.0002	0.1161	284.0	38.8
17619.	72.5	-55.8	164.8	164.8	-86.4	1.	0.0001	0.0002	0.1149	284.0	38.8
17695.	71.7	-55.8	165.7	165.7	-86.4	1.	0.0001	0.0002	0.1136	284.0	38.8
17757.	71.0	-55.8	166.4	166.4	-86.4	1.	0.0001	0.0002	0.1125	284.0	38.8
17817.	70.3	-55.8	167.0	167.0	-86.4	1.	0.0001	0.0002	0.1114	284.0	38.8
17881.	69.6	-55.8	167.7	167.7	-86.4	1.	0.0001	0.0002	0.1103	284.0	38.8
17948.	68.9	-55.8	168.4	168.4	-86.4	1.	0.0001	0.0002	0.1092	284.0	38.8
18002.	68.3	-55.8	169.1	169.1	-86.4	1.	0.0001	0.0002	0.1082	284.0	38.8
18056.	67.7	-55.8	169.7	169.7	-86.4	1.	0.0001	0.0002	0.1074	284.0	38.8
18125.	67.0	-55.8	170.4	170.4	-86.4	1.	0.0001	0.0002	0.1062	284.0	38.8
18194.	66.4	-55.8	171.1	171.1	-86.4	1.	0.0001	0.0002	0.1052	284.0	38.8
18242.	65.8	-55.8	171.8	171.8	-86.4	1.	0.0001	0.0002	0.1042	284.0	38.8
18305.	65.2	-55.8	172.5	172.5	-86.4	1.	0.0001	0.0002	0.1031	284.0	38.8
18366.	64.6	-55.7	173.1	173.1	-86.4	1.	0.0001	0.0002	0.1021	284.0	38.8
18410.	64.1	-55.7	173.8	173.8	-86.4	1.	0.0001	0.0002	0.1013	284.0	38.8
18461.	63.5	-55.7	174.4	174.4	-86.4	1.	0.0001	0.0002	0.1004	284.0	38.8
18525.	62.9	-55.7	175.1	175.1	-86.4	1.	0.0001	0.0002	0.0994	284.0	38.8
18573.	62.5	-55.7	175.6	175.6	-86.4	1.	0.0001	0.0002	0.0986	284.0	38.8
18623.	62.0	-55.7	176.2	176.2	-86.4	1.	0.0001	0.0002	0.0978	284.0	38.8
18678.	61.5	-55.7	176.8	176.8	-86.4	1.	0.0001	0.0002	0.0967	284.0	38.8
18731.	61.0	-55.7	177.4	177.4	-86.4	1.	0.0001	0.0002	0.0957	284.0	38.8
18784.	60.5	-55.7	178.0	178.0	-86.4	1.	0.0001	0.0002	0.0948	284.0	38.8
18848.	60.0	-55.7	178.6	178.6	-86.4	1.	0.0001	0.0002	0.0938	284.0	38.8
18893.	59.6	-55.7	179.1	179.1	-86.4	1.	0.0001	0.0002	0.0930	284.0	38.8
18954.	59.1	-55.7	179.7	179.7	-86.4	1.	0.0001	0.0002	0.0920	284.0	38.8
19031.	58.4	-55.7	180.5	180.5	-86.4	1.	0.0001	0.0002	0.0909	284.0	38.8
19071.	57.9	-55.7	180.9	180.9	-86.4	1.	0.0001	0.0002	0.0902	284.0	38.8
19127.	57.4	-55.7	181.5	181.5	-86.4	1.	0.0001	0.0002	0.0893	284.0	38.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
131[illegible].	[illegible]	-48.6	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.1
1[illegible].	[illegible]	-48.6	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.2
1931[illegible]	[illegible]	-48.7	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.3
1937[illegible]	55.4	-48.1	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.3
1944[illegible]	54.7	-48.1	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.1
1951[illegible]	54.0	-48.1	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1957[illegible]	[illegible]	-48.1	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1964[illegible]	53.1	-48.1	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1971[illegible]	52.5	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1977[illegible]	51.8	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1984[illegible]	51.1	-49.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1991[illegible]	50.4	-49.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	46.0
1998[illegible]	49.8	-49.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.9
2005[illegible]	49.1	-49.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.8
2012[illegible]	48.4	-49.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.7
2019[illegible]	47.8	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.6
2026[illegible]	47.1	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.5
2033[illegible]	46.4	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.4
2040[illegible]	45.7	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.3
2047[illegible]	45.0	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.2
2054[illegible]	44.3	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.1
2061[illegible]	43.7	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	45.0
2068[illegible]	43.0	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.9
2075[illegible]	42.3	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.8
2082[illegible]	41.6	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.7
2089[illegible]	41.0	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.6
2096[illegible]	40.3	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.5
2103[illegible]	39.6	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.4
2110[illegible]	38.9	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.3
2117[illegible]	38.3	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.2
2124[illegible]	37.6	-48.[illegible]	[illegible]	[illegible]	-81.1	1.	[illegible]	[illegible]	[illegible]	[illegible]	44.1

SOUNDING 6.0
LATITUDE -53.3 LONGITUDE -16.6
DATE 16-17-41 TIME 2341 GMT
NUMBER OF LEVELS 594

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	957.7	1.[illegible]	1.4	[illegible]	-0.6	88.	5.8[illegible]	4.6822	1.2715	[illegible]	9.[illegible]
36.	953.[illegible]	1.[illegible]	1.[illegible]	[illegible]	-0.[illegible]	88.	5.6[illegible]	4.6186	1.2668	[illegible]	8.[illegible]
71.	[illegible]	[illegible]	1.[illegible]	[illegible]	-0.[illegible]	88.	5.7642	4.5870	1.2616	[illegible]	8.[illegible]
106.	944.7	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.7227	4.5556	1.2567	[illegible]	11.[illegible]
142.	939.9	[illegible].7	[illegible]	[illegible]	-1.1	88.	5.6815	4.5244	1.2510	[illegible]	11.[illegible]
178.	934.[illegible]	[illegible]	[illegible]	[illegible]	-1.1	88.	5.6409	4.4627	1.2454	[illegible]	12.[illegible]
214.	929.2	[illegible]	[illegible]	[illegible]	-1.4	88.	5.6004	4.4325	1.2400	[illegible]	13.[illegible]
250.	923.[illegible]	[illegible]	[illegible]	[illegible]	-1.5	88.	5.5598	4.4016	1.2345	[illegible]	13.[illegible]
286.	918.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.5193	4.4015	1.2285	[illegible]	13.[illegible]
322.	913.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.4787	4.3712	1.2227	[illegible]	13.[illegible]
358.	907.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.4381	4.3113	1.2181	[illegible]	13.[illegible]
394.	902.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.3977	4.2414	1.2131	[illegible]	13.[illegible]
430.	897.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.3572	4.1748	1.2083	[illegible]	13.[illegible]
466.	892.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.3167	4.3403	1.1997	[illegible]	13.[illegible]
502.	886.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.2762	4.4622	1.1915	[illegible]	13.[illegible]
538.	881.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.2358	4.5238	1.1848	[illegible]	13.[illegible]
574.	876.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.1954	4.5236	1.1792	[illegible]	13.[illegible]
610.	871.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.1550	4.4926	1.1738	[illegible]	13.[illegible]
646.	865.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.1146	4.4008	1.1689	[illegible]	13.[illegible]
682.	860.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.0743	4.3405	1.1636	[illegible]	13.[illegible]
718.	855.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	5.0340	4.2407	1.1585	[illegible]	13.[illegible]
754.	850.[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	88.	4.9938	4.1067	1.1541	[illegible]	13.[illegible]
790.	844.[illegible]	[illegible]	[illegible]	[illegible]	-2.[illegible]	88.	4.9536	3.9605	1.1492	[illegible]	13.[illegible]
826.	839.[illegible]	[illegible]	[illegible]	[illegible]	-2.[illegible]	88.	4.9135	3.8559	1.1448	[illegible]	14.[illegible]
862.	834.[illegible]	[illegible]	[illegible]	[illegible]	-2.[illegible]	88.	4.8735	3.7647	1.1384	[illegible]	14.[illegible]
898.	829.[illegible]	[illegible]	[illegible]	[illegible]	-2.[illegible]	88.	4.8337	3.6756	1.1332	[illegible]	14.[illegible]
934.	823.[illegible]	[illegible]	[illegible]	[illegible]	-2.[illegible]	88.	4.7939	3.6172	1.1277	[illegible]	14.[illegible]
970.	818.[illegible]	[illegible]	[illegible]	[illegible]	-3.[illegible]	88.	4.7543	3.5028	1.1232	[illegible]	14.[illegible]
1006.	813.[illegible]	[illegible]	[illegible]	[illegible]	-3.[illegible]	88.	4.7148	3.4194	1.1187	[illegible]	14.[illegible]
1042.	808.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.6755	3.3377	1.1142	[illegible]	15.[illegible]
1078.	803.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.6363	3.2842	1.1095	[illegible]	15.[illegible]
1114.	797.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.5973	3.2054	1.1048	[illegible]	15.[illegible]
1150.	792.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.5584	3.1283	1.1002	[illegible]	15.[illegible]
1186.	787.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.5196	3.0528	1.0955	[illegible]	15.[illegible]
1222.	782.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.4810	2.9792	1.0911	[illegible]	16.[illegible]
1258.	777.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.4425	2.9309	1.0861	[illegible]	16.[illegible]
1294.	772.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.4042	2.8599	1.0815	[illegible]	16.[illegible]
1330.	767.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.3660	2.7676	1.0775	[illegible]	16.[illegible]
1366.	762.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.3279	2.7001	1.0734	[illegible]	16.[illegible]
1402.	757.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.2899	2.6342	1.0694	[illegible]	17.[illegible]
1438.	752.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.2520	2.6125	1.0651	[illegible]	17.[illegible]
1474.	747.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.2142	2.5910	1.0608	[illegible]	17.[illegible]
1510.	742.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.1765	2.5484	1.0566	[illegible]	17.[illegible]
1546.	737.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.1389	2.5066	1.0520	[illegible]	17.[illegible]
1582.	732.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.1014	2.4647	1.0476	[illegible]	17.[illegible]
1618.	727.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.0640	2.3452	1.0434	[illegible]	17.[illegible]
1654.	722.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	4.0267	2.2872	1.0388	[illegible]	17.[illegible]
1690.	717.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.9895	2.2492	1.0349	[illegible]	17.[illegible]
1726.	712.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.9524	2.1750	1.0314	[illegible]	18.[illegible]
1762.	707.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.9154	2.1750	1.0257	[illegible]	18.[illegible]
1798.	702.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.8785	2.1750	1.0206	[illegible]	18.[illegible]
1834.	697.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.8417	2.1933	1.0151	[illegible]	18.[illegible]
1870.	692.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.8049	2.1749	1.0105	[illegible]	18.[illegible]
1906.	687.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.7683	2.1567	1.0060	[illegible]	18.[illegible]
1942.	682.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.7317	2.1207	1.0017	[illegible]	18.[illegible]
1978.	677.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.6952	2.0852	0.9974	[illegible]	18.[illegible]
2014.	672.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.6588	2.0677	0.9929	[illegible]	19.[illegible]
2050.	667.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.6225	2.0503	0.9884	[illegible]	19.[illegible]
2086.	662.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.5863	2.0503	0.9839	[illegible]	19.[illegible]
2122.	657.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.5501	2.0502	0.9793	[illegible]	19.[illegible]
2158.	652.[illegible]	[illegible]	[illegible]	[illegible]	-4.[illegible]	88.	3.5140	2.0502	0.9748	[illegible]	19.[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
24[illegible]	78[illegible]	-9[illegible]	1[illegible]	1[illegible]	-10.5	9[illegible]	3.4447	2.3502	0.9703	315.0	18.[illegible]
2[illegible]	7[illegible]	-1[illegible]	1[illegible]	1[illegible]	-10.7	9[illegible]	3.4414	2.3156	0.9664	314.0	18.8
2[illegible]	7[illegible]	-1[illegible]	1[illegible]	1[illegible]	-12.[illegible]	8[illegible]	3.3[illegible]	1.9822	0.9623	314.0	18.[illegible]
2524.	724.6	-11.7	15.7	16.1	-11.1	88.	3.3863	1.9486	0.9597	314.0	18.8
2554.	721.[illegible]	-1[illegible]	1[illegible]	1[illegible]	-11.[illegible]	8[illegible]	3.3134	1.9158	0.9567	314.0	18.[illegible]
2[illegible]	7[illegible]	-1[illegible]	1[illegible]	1[illegible]	-11.6	8[illegible]	3.2841	1.8675	0.9535	314.0	18.[illegible]
2[illegible]	7[illegible]	-1[illegible]	1[illegible]	1[illegible]	-11.[illegible]	8[illegible]	3.2142	1.8360	0.9501	314.0	18.[illegible]
2[illegible]	7[illegible]	-1[illegible]	1[illegible]	1[illegible]	-[illegible]	8[illegible]	3.1751	1.8049	0.9466	313.0	18.1
26[illegible]	7[illegible]	-1[illegible]	16.1	16.[illegible]	-12.[illegible]	8[illegible]	3.1366	1.7743	0.9432	313.0	18.[illegible]
2711.	7[illegible]	-1[illegible]	16.4	16.7	-12.4	8[illegible]	3.0987	1.7441	0.9402	313.0	18.[illegible]
2751.	7[illegible]	-11.[illegible]	16.9	17.[illegible]	-11.[illegible]	8[illegible]	3.0611	1.7252	0.9365	313.0	18.[illegible]
2791.	7[illegible]	-11.[illegible]	17.[illegible]	17.1	-12.7	8[illegible]	3.0240	1.6998	0.9331	313.0	19.[illegible]
2[illegible]	6[illegible]	-11.4	17.4	17.4	-13.[illegible]	8[illegible]	2.9874	1.6652	0.9292	313.0	19.[illegible]
2[illegible]	6[illegible]	-11.7	17.7	17.7	-13.[illegible]	8[illegible]	2.9513	1.6708	0.9250	313.0	19.4
2[illegible]	6[illegible]	-11.[illegible]	17.[illegible]	17.[illegible]	-13.1	8[illegible]	2.9157	1.6425	0.9211	313.0	19.[illegible]
2[illegible]	6[illegible]	-11.[illegible]	17.7	17.[illegible]	-13.[illegible]	8[illegible]	2.8807	1.6142	0.9172	313.0	19.7
2[illegible]	6[illegible]	-11.[illegible]	17.[illegible]	17.[illegible]	-13.[illegible]	8[illegible]	2.8461	1.5865	0.9133	313.0	19.7
2[illegible]	6[illegible]	-11.4	17.[illegible]	18.[illegible]	-13.[illegible]	8[illegible]	2.8121	1.5588	0.9100	313.0	19.7
2[illegible]	6[illegible]	-11.7	18.[illegible]	18.[illegible]	-14.1	8[illegible]	2.7785	1.5061	0.9069	313.0	19.8
2[illegible]	6[illegible]	-11.[illegible]	18.[illegible]	18.[illegible]	-14.3	8[illegible]	2.7454	1.4812	0.9035	313.0	19.8
3156.	671.[illegible]	-11.[illegible]	18.[illegible]	18.[illegible]	-14.4	8[illegible]	2.7128	1.4679	0.9004	313.0	19.9
3196.	667.[illegible]	-11.[illegible]	18.[illegible]	18.[illegible]	-14.6	8[illegible]	2.7806	1.4422	0.8973	314.0	19.9
3[illegible]	6[illegible]	-11.[illegible]	18.[illegible]	18.[illegible]	-14.[illegible]	8[illegible]	2.6489	1.4175	0.8945	313.0	20.[illegible]
3281.	6[illegible]	-11.7	18.[illegible]	18.[illegible]	-15.1	8[illegible]	2.6177	1.3934	0.8916	314.0	20.[illegible]
3[illegible]	6[illegible]	-12.[illegible]	18.7	18.[illegible]	-15.4	8[illegible]	2.5869	1.3695	0.8884	313.0	20.[illegible]
3[illegible]	6[illegible]	-12.[illegible]	18.7	18.7	-15.7	8[illegible]	2.5564	1.3461	0.8856	314.0	20.[illegible]
33[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.1	-15.[illegible]	8[illegible]	2.5277	1.2867	0.8824	314.0	21.[illegible]
337[illegible]	6[illegible]	-12.4	19.[illegible]	19.1	-16.[illegible]	8[illegible]	2.4981	1.2551	0.8796	314.0	20.[illegible]
33[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.1	-16.5	8[illegible]	2.4686	1.2209	0.8772	314.0	20.[illegible]
3[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.1	-16.[illegible]	8[illegible]	2.4396	1.1883	0.8748	314.0	20.[illegible]
34[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-17.[illegible]	8[illegible]	2.4112	1.1674	0.8716	314.0	20.[illegible]
34[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-17.2	8[illegible]	2.3832	1.1468	0.8683	314.0	20.[illegible]
3[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-17.[illegible]	8[illegible]	2.3555	1.1165	0.8655	314.0	21.1
3[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-17.[illegible]	8[illegible]	2.3282	1.0872	0.8627	315.0	21.4
3[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-18.[illegible]	8[illegible]	2.3013	1.0677	0.8599	315.0	21.6
35[illegible]	6[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-18.[illegible]	8[illegible]	2.2747	1.0488	0.8572	315.0	21.7
3[illegible]	6[illegible]	-12.7	19.[illegible]	19.[illegible]	-18.[illegible]	8[illegible]	2.2485	1.0209	0.8550	315.0	22.4
3645.	627.[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-18.[illegible]	8[illegible]	2.1666	0.9937	0.8526	314.0	22.[illegible]
3677.	624.4	-12.7	19.[illegible]	19.[illegible]	-18.[illegible]	8[illegible]	2.1342	0.9671	0.8497	314.0	23.[illegible]
3711.	621.[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-19.[illegible]	8[illegible]	2.1095	0.9412	0.8468	314.0	23.[illegible]
3747.	617.[illegible]	-12.[illegible]	19.[illegible]	19.[illegible]	-19.[illegible]	8[illegible]	2.0818	0.9243	0.8434	313.0	24.1
3777.	614.[illegible]	-12.7	19.[illegible]	19.[illegible]	-19.7	8[illegible]	2.0615	0.9077	0.8404	314.0	24.[illegible]
3811.	611.4	-12.[illegible]	19.[illegible]	20.1	-19.[illegible]	8[illegible]	2.0415	0.8995	0.8373	314.0	25.1
3844.	608.[illegible]	-12.[illegible]	20.[illegible]	20.[illegible]	-19.[illegible]	8[illegible]	2.0216	0.8913	0.8342	314.0	24.8
3877.	605.[illegible]	-12.7	20.[illegible]	20.[illegible]	-20.[illegible]	8[illegible]	2.0017	0.8832	0.8312	314.0	24.[illegible]
3911.	602.[illegible]	-12.[illegible]	20.[illegible]	20.[illegible]	-20.1	8[illegible]	1.9820	0.8752	0.8283	314.0	24.1
3944.	599.[illegible]	-12.[illegible]	20.[illegible]	20.[illegible]	-20.3	8[illegible]	1.9627	0.8594	0.8255	313.0	24.0
3984.	595.[illegible]	-12.1	21.1	21.1	-20.4	8[illegible]	1.9432	0.8516	0.8221	313.0	23.9
4021.	592.[illegible]	-12.[illegible]	21.[illegible]	21.[illegible]	-20.5	8[illegible]	1.9237	0.8439	0.8183	313.0	24.1
4058.	589.[illegible]	-12.[illegible]	21.[illegible]	21.7	-20.6	8[illegible]	1.9044	0.9361	0.8150	313.0	24.1
4[illegible]	5[illegible]	-12.4	22.[illegible]	22.[illegible]	-20.7	8[illegible]	0.9451	0.8285	0.8118	312.0	24.1
4[illegible]	5[illegible]	-12.7	22.1	22.[illegible]	-21.[illegible]	8[illegible]	0.9259	0.8208	0.8089	312.0	23.7
41[illegible]	5[illegible]	-13.[illegible]	22.4	22.[illegible]	-21.[illegible]	8[illegible]	0.9178	0.8060	0.8061	312.0	23.7
41[illegible]	5[illegible]	-13.[illegible]	22.4	22.[illegible]	-21.[illegible]	8[illegible]	0.9020	0.7913	0.8032	312.0	23.5
4156.	5[illegible]	-2[illegible]	22.4	22.[illegible]	-21.4	8[illegible]	0.9005	0.7769	0.8002	311.0	23.[illegible]
4226.	5[illegible]	-2[illegible]	22.[illegible]	22.[illegible]	-21.7	8[illegible]	0.8764	0.7557	0.7975	311.0	23.5
4265.	5[illegible]	-2[illegible]	22.[illegible]	22.[illegible]	-21.[illegible]	8[illegible]	0.8591	0.7419	0.7948	311.0	23.7
4287.	5[illegible]	-2[illegible]	22.[illegible]	22.[illegible]	-22.1	8[illegible]	0.8437	0.7282	0.7921	311.0	24.[illegible]
4314.	5[illegible]	-21.[illegible]	22.[illegible]	22.[illegible]	-22.3	8[illegible]	0.8275	0.7148	0.7893	310.0	24.[illegible]
4354.	5[illegible]	-21.[illegible]	22.[illegible]	22.[illegible]	-22.6	8[illegible]	0.8038	0.6952	0.7865	311.0	24.[illegible]
4386.	5[illegible]	-21.[illegible]	23.[illegible]	23.[illegible]	-22.[illegible]	8[illegible]	0.7884	0.6824	0.7835	309.0	24.[illegible]
4423.	5[illegible]	-21.[illegible]	23.[illegible]	23.[illegible]	-22.[illegible]	8[illegible]	0.7697	0.6635	0.7807	309.0	24.6
4456.	5[illegible]	-22.1	23.[illegible]	23.[illegible]	-23.4	8[illegible]	0.7436	0.6452	0.7781	308.0	25.1
4493.	5[illegible]	-22.[illegible]	23.[illegible]	23.[illegible]	-23.[illegible]	8[illegible]	0.7364	0.6392	0.7751	308.0	25.7
4510.	5[illegible]	-22.[illegible]	24.[illegible]	24.[illegible]	-23.[illegible]	8[illegible]	0.7151	0.6214	0.7728	308.0	26.2
4547.	5[illegible]	-22.7	24.[illegible]	24.[illegible]	-24.[illegible]	8[illegible]	0.7312	0.6094	0.7704	307.0	27.0
4586.	5[illegible]	-23.[illegible]	24.[illegible]	24.[illegible]	-24.2	8[illegible]	0.6976	0.5985	0.7672	307.0	27.7
4611.	5[illegible]	-23.1	24.[illegible]	24.[illegible]	-24.4	8[illegible]	0.6747	0.5873	0.7645	306.0	28.2
4647.	5[illegible]	-23.[illegible]	24.[illegible]	24.[illegible]	-24.6	8[illegible]	0.6611	0.5763	0.7617	306.0	28.6
4684.	5[illegible]	-23.4	24.[illegible]	24.1	-24.8	8[illegible]	0.6482	0.5655	0.7588	306.0	29.2
4712.	5[illegible]	-23.[illegible]	24.[illegible]	24.[illegible]	-25.[illegible]	8[illegible]	0.6355	0.5549	0.7561	305.0	29.6
4742.	5[illegible]	-23.[illegible]	24.[illegible]	24.4	-25.2	8[illegible]	0.6231	0.5444	0.7536	305.0	30.1
4772.	5[illegible]	-24.[illegible]	24.[illegible]	24.4	-25.5	8[illegible]	0.6108	0.5291	0.7514	304.0	30.7
4807.	5[illegible]	-24.4	24.[illegible]	24.[illegible]	-25.7	8[illegible]	0.5989	0.5191	0.7484	304.0	30.8
4838.	5[illegible]	-24.4	24.7	24.8	-25.8	8[illegible]	0.5872	0.5142	0.7454	304.0	30.8
4871.	5[illegible]	-24.7	24.[illegible]	24.[illegible]	-25.[illegible]	8[illegible]	0.5757	0.5044	0.7429	304.0	30.9
4901.	5[illegible]	-24.[illegible]	25.[illegible]	25.1	-26.1	8[illegible]	0.5607	0.4996	0.7400	304.0	30.7
4932.	5[illegible]	-24.[illegible]	25.4	25.5	-26.1	8[illegible]	0.5607	0.4996	0.7368	304.0	30.7
4967.	5[illegible]	-24.[illegible]	25.[illegible]	25.6	-26.2	8[illegible]	0.5440	0.4949	0.7340	304.0	30.8
4998.	5[illegible]	-24.[illegible]	25.[illegible]	25.[illegible]	-26.3	8[illegible]	0.5584	0.4901	0.7310	303.0	30.8
5028.	5[illegible]	-25.1	25.[illegible]	25.[illegible]	-26.4	8[illegible]	0.5529	0.4855	0.7280	303.0	30.9
5061.	5[illegible]	-25.[illegible]	26.[illegible]	26.[illegible]	-26.5	8[illegible]	0.5474	0.4808	0.7250	303.0	31.1
5092.	5[illegible]	-25.[illegible]	26.[illegible]	26.[illegible]	-26.5	8[illegible]	0.5474	0.4808	0.7221	304.0	31.5
5123.	5[illegible]	-25.[illegible]	27.[illegible]	27.[illegible]	-26.5	8[illegible]	0.5474	0.4808	0.7188	304.0	31.6
5158.	5[illegible]	-25.4	27.[illegible]	27.[illegible]	-26.7	8[illegible]	0.5365	0.4716	0.7162	304.0	31.9
5193.	5[illegible]	-25.[illegible]	27.[illegible]	27.[illegible]	-26.9	8[illegible]	0.5259	0.4626	0.7131	305.0	32.2
5227.	5[illegible]	-25.[illegible]	27.[illegible]	27.7	-27.2	8[illegible]	0.5102	0.4495	0.7106	305.0	32.4
5260.	5[illegible]	-26.[illegible]	27.[illegible]	27.[illegible]	-27.6	8[illegible]	0.4931	0.4324	0.7084	305.0	32.9
5290.	4[illegible]	-26.[illegible]	27.[illegible]	27.[illegible]	-27.9	8[illegible]	0.4754	0.4200	0.7063	305.0	33.1
5320.	4[illegible]	-26.[illegible]	27.[illegible]	27.7	-28.1	8[illegible]	0.4658	0.4119	0.7038	305.0	33.5
5355.	4[illegible]	-27.[illegible]	27.[illegible]	27.[illegible]	-28.3	8[illegible]	0.4566	0.4039	0.7011	305.0	33.8
5386.	4[illegible]	-27.[illegible]	27.[illegible]	28.[illegible]	-28.5	8[illegible]	0.4474	0.3961	0.6985	305.0	34.0
5423.	4[illegible]	-27.[illegible]	27.[illegible]	28.[illegible]	-28.7	8[illegible]	0.4339	0.3847	0.6960	306.0	34.3
5455.	4[illegible]	-27.[illegible]	27.[illegible]	28.[illegible]	-29.0	8[illegible]	0.4208	0.3735	0.6937	305.0	34.5
5494.	4[illegible]	-28.[illegible]	28.[illegible]	28.[illegible]	-29.2	8[illegible]	0.4123	0.3663	0.6910	306.0	34.8
5522.	4[illegible]	-28.4	28.[illegible]	28.1	-29.6	8[illegible]	0.3957	0.3521	0.6891	305.0	35.1
5552.	4[illegible]	-28.7	28.[illegible]	28.1	-29.9	8[illegible]	0.3837	0.3419	0.6868	305.0	35.2
5583.	4[illegible]	-29.[illegible]	28.[illegible]	28.[illegible]	-30.2	8[illegible]	0.3720	0.3319	0.6841	305.0	35.4
5613.	4[illegible]	-29.[illegible]	28.[illegible]	28.[illegible]	-30.5	8[illegible]	0.3607	0.3221	0.6820	305.0	35.5
5651.	4[illegible]	-29.[illegible]	28.[illegible]	28.[illegible]	-30.8	8[illegible]	0.3496	0.3126	0.6799	305.0	35.7
5682.	4[illegible]	-29.[illegible]	28.[illegible]	28.[illegible]	-31.1	8[illegible]	0.3388	0.3034	0.6777	305.0	35.8
5714.	4[illegible]	-30.2	28.[illegible]	28.[illegible]	-31.4	8[illegible]	0.3285	0.2945	0.6755	305.0	36.0
5744.	4[illegible]	-30.[illegible]	28.[illegible]	28.2	-31.7	8[illegible]	0.3184	0.2857	0.6735	305.0	36.3
5777.	4[illegible]	-30.[illegible]	28.[illegible]	28.[illegible]	-32.[illegible]	8[illegible]	0.3085	0.2773	0.6711	305.0	36.5
5811.	4[illegible]	-31.1	28.[illegible]	28.[illegible]	-32.[illegible]	8[illegible]	0.2990	0.2690	0.6688	305.0	36.6
5844.	4[illegible]	-31.4	28.[illegible]	28.[illegible]	-32.6	8[illegible]	0.2897	0.2610	0.6669	305.0	36.7
5871.	4[illegible]	-31.7	28.[illegible]	28.[illegible]	-32.[illegible]	8[illegible]	0.2857	0.2532	0.6648	304.0	36.8
5904.	4[illegible]	-32.[illegible]	28.[illegible]	28.[illegible]	-33.[illegible]	8[illegible]	0.2714	0.2456	0.6624	304.0	36.9
5937.	456.3	-32.[illegible]	28.[illegible]	28.3	-33.5	8[illegible]	0.2634	0.2382	0.6602	305.0	37.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5971.	454.1	-32.5	28.4	28.4	-33.7	88.	0.2579	0.2334	0.6576	305.0	37.3
6002.	452.1	-32.8	28.4	28.4	-34.0	88.	0.2496	0.2263	0.6555	305.0	37.6
6036.	449.9	-33.1	28.4	28.5	-34.3	88.	0.2419	0.2195	0.6531	304.0	37.7
6069.	447.8	-33.4	28.4	28.5	-34.6	88.	0.2343	0.2128	0.6509	305.0	37.9
6102.	445.7	-33.6	28.6	28.7	-34.8	88.	0.2293	0.2085	0.6484	305.0	38.2
6133.	443.7	-33.9	28.6	28.7	-35.1	88.	0.2221	0.2021	0.6463	304.0	38.5
6162.	441.9	-34.2	28.6	28.6	-35.4	88.	0.2150	0.1959	0.6444	305.0	38.7
6195.	439.8	-34.5	28.6	28.7	-35.7	88.	0.2082	0.1899	0.6422	304.0	38.9
6227.	437.8	-34.8	28.6	28.7	-36.0	88.	0.2015	0.1841	0.6400	304.0	39.0
6260.	435.7	-35.0	28.8	28.8	-36.2	88.	0.1972	0.1803	0.6375	304.0	39.4
6292.	433.7	-35.2	28.9	29.0	-36.4	88.	0.1930	0.1766	0.6351	304.0	39.7
6326.	431.6	-35.3	29.2	29.3	-36.5	88.	0.1909	0.1747	0.6323	303.0	39.9
6360.	429.5	-35.5	29.4	29.4	-36.7	88.	0.1868	0.1711	0.6298	303.0	40.3
6394.	427.4	-35.7	29.6	29.6	-36.9	88.	0.1827	0.1674	0.6272	303.0	40.7
6425.	425.5	-35.9	29.7	29.7	-37.1	88.	0.1788	0.1641	0.6249	303.0	41.1
6454.	423.7	-36.0	29.9	30.0	-37.2	88.	0.1768	0.1624	0.6226	303.0	41.5
6484.	421.9	-36.2	30.0	30.1	-37.4	88.	0.1730	0.1590	0.6204	303.0	41.6
6515.	420.0	-36.4	30.2	30.2	-37.6	88.	0.1693	0.1557	0.6182	302.0	42.0
6545.	418.2	-36.6	30.3	30.3	-37.8	88.	0.1656	0.1524	0.6160	302.0	42.3
6575.	416.4	-36.8	30.4	30.4	-38.0	88.	0.1620	0.1492	0.6139	302.0	42.6
6606.	414.5	-37.1	30.4	30.5	-38.3	88.	0.1567	0.1445	0.6119	302.0	42.8
6636.	412.7	-37.3	30.5	30.6	-38.5	88.	0.1533	0.1415	0.6097	302.0	43.2
6666.	410.9	-37.5	30.7	30.7	-38.6	88.	0.1495	0.1385	0.6076	302.0	43.6
6700.	408.9	-37.8	30.7	30.7	-38.9	88.	0.1458	0.1352	0.6054	302.0	43.8
6734.	406.9	-38.1	30.7	30.8	-39.2	88.	0.1423	0.1320	0.6032	301.0	44.1
6766.	405.0	-38.3	30.8	30.9	-39.4	88.	0.1372	0.1272	0.6009	301.0	44.2
6796.	403.2	-38.6	30.8	30.9	-39.7	88.	0.1326	0.1231	0.5990	300.0	44.4
6829.	401.3	-38.8	31.0	31.1	-39.9	88.	0.1297	0.1205	0.5967	300.0	44.5
6863.	399.2	-39.1	31.1	31.1	-40.2	88.	0.1254	0.1167	0.5943	299.0	44.5
6901.	397.1	-39.4	31.2	31.2	-40.5	88.	0.1213	0.1129	0.5919	299.0	44.8
6942.	394.7	-39.7	31.3	31.3	-40.8	88.	0.1172	0.1093	0.5891	297.0	44.7
6984.	392.3	-40.0	31.4	31.5	-41.1	88.	0.1133	0.1058	0.5863	297.0	45.1
7027.	389.8	-40.2	31.7	31.8	-41.3	88.	0.1108	0.1035	0.5830	296.0	45.5
7071.	387.3	-40.2	32.3	32.3	-41.3	88.	0.1108	0.1035	0.5793	296.0	46.0
7115.	384.6	-40.4	32.9	32.9	-41.3	88.	0.1108	0.1035	0.5755	297.0	46.9
7154.	382.6	-40.4	33.1	33.1	-41.5	88.	0.1093	0.1013	0.5727	297.0	46.0
7193.	380.4	-40.5	33.5	33.5	-41.6	88.	0.1071	0.1000	0.5697	298.0	47.4
7231.	378.3	-40.6	33.6	33.6	-41.9	88.	0.1035	0.0970	0.5673	298.0	50.6
7283.	375.4	-41.0	34.0	34.0	-42.1	88.	0.1011	0.0944	0.5634	298.0	51.8
7332.	372.7	-41.2	34.3	34.4	-42.3	88.	0.0988	0.0922	0.5598	300.0	51.2
7380.	370.1	-41.4	34.7	34.7	-42.5	88.	0.0966	0.0901	0.5564	301.0	50.4
7422.	367.8	-41.7	34.9	34.9	-42.8	88.	0.0933	0.0870	0.5537	301.0	55.7
7462.	365.6	-42.0	35.0	35.0	-43.1	88.	0.0900	0.0840	0.5511	302.0	57.0
7499.	363.6	-42.2	35.2	35.2	-43.3	88.	0.0881	0.0821	0.5485	303.0	58.3
7537.	361.6	-42.4	35.4	35.4	-43.5	88.	0.0861	0.0803	0.5460	303.0	59.2
7572.	359.7	-42.7	35.5	35.5	-43.8	88.	0.0842	0.0786	0.5438	303.0	61.1
7608.	357.8	-43.0	35.6	35.6	-44.1	88.	0.0822	0.0768	0.5416	304.0	60.4
7644.	355.8	-43.3	35.7	35.8	-44.3	88.	0.0785	0.0743	0.5391	304.0	61.7
7685.	353.7	-43.5	35.9	35.9	-44.6	88.	0.0758	0.0718	0.5366	304.0	62.2
7721.	351.8	-43.8	35.9	36.0	-44.9	88.	0.0732	0.0695	0.5344	304.0	62.4
7763.	349.8	-44.0	36.2	36.2	-45.1	88.	0.0715	0.0679	0.5318	304.0	62.8
7800.	347.7	-44.4	36.2	36.2	-45.5	88.	0.0682	0.0649	0.5296	304.0	63.1
7833.	346.0	-44.7	36.2	36.2	-45.8	88.	0.0655	0.0627	0.5277	304.0	63.3
7870.	344.1	-45.0	36.3	36.3	-46.1	88.	0.0633	0.0606	0.5255	304.0	63.4
7903.	342.4	-45.3	36.3	36.3	-46.4	88.	0.0613	0.0588	0.5236	304.0	63.6
7936.	340.6	-45.7	36.4	36.4	-46.8	88.	0.0585	0.0560	0.5217	304.0	63.6
7971.	338.7	-46.0	36.3	36.3	-47.1	88.	0.0564	0.0541	0.5195	304.0	63.7
8016.	336.6	-46.4	36.5	36.5	-47.4	88.	0.0544	0.0522	0.5169	304.0	63.7
8058.	334.5	-46.7	36.5	36.5	-47.8	88.	0.0518	0.0499	0.5146	304.0	63.6
8098.	332.4	-47.1	36.5	36.5	-48.2	88.	0.0495	0.0476	0.5123	304.0	63.6
8143.	330.2	-47.4	36.7	36.7	-48.5	88.	0.0477	0.0460	0.5096	304.0	63.6
8185.	328.1	-47.8	36.7	36.7	-48.9	88.	0.0455	0.0439	0.5072	304.0	63.5
8227.	326.0	-48.1	36.8	36.8	-49.1	88.	0.0438	0.0424	0.5047	304.0	63.4
8271.	323.9	-48.5	36.8	36.8	-49.5	88.	0.0417	0.0405	0.5023	303.0	63.4
8316.	321.9	-49.0	36.7	36.7	-50.0	88.	0.0397	0.0351	0.5003	303.0	63.3
8359.	319.7	-49.4	36.8	36.8	-50.4	88.	0.0374	0.0364	0.4978	303.0	63.4
8394.	317.8	-49.9	36.8	36.8	-50.9	88.	0.0358	0.0343	0.4959	303.0	64.4
8436.	315.7	-50.4	36.8	36.8	-51.4	88.	0.0337	0.0323	0.4938	303.0	65.3
8481.	313.6	-50.8	36.8	36.8	-51.8	88.	0.0314	0.0301	0.4914	303.0	64.3
8523.	311.7	-51.3	36.8	36.8	-52.2	88.	0.0293	0.0281	0.4893	302.0	64.3
8564.	309.6	-51.6	36.8	36.8	-52.6	88.	0.0280	0.0268	0.4868	302.0	64.2
8606.	307.6	-52.0	36.8	36.8	-53.0	88.	0.0271	0.0260	0.4846	301.0	64.2
8646.	305.7	-52.3	36.7	36.7	-53.3	88.	0.0261	0.0250	0.4822	301.0	64.4
8688.	303.7	-52.6	36.8	36.8	-53.6	88.	0.0251	0.0240	0.4797	301.0	64.4
8730.	301.8	-52.9	37.0	37.0	-53.9	88.	0.0242	0.0232	0.4774	301.0	64.5
8772.	299.8	-53.3	37.0	37.0	-54.3	88.	0.0227	0.0218	0.4751	300.0	64.5
8815.	297.8	-53.7	37.0	37.0	-54.7	88.	0.0218	0.0209	0.4728	300.0	64.4
8856.	295.9	-54.1	37.0	37.0	-55.0	88.	0.0209	0.0200	0.4704	299.0	64.4
8897.	294.1	-54.4	37.0	37.0	-55.3	88.	0.0202	0.0193	0.4680	299.0	64.4
8936.	292.2	-54.8	37.0	37.0	-55.8	88.	0.0197	0.0188	0.4656	299.0	64.5
8976.	290.4	-54.9	37.0	37.0	-55.9	88.	0.0186	0.0178	0.4635	298.0	64.7
9014.	288.7	-55.2	37.0	37.0	-56.2	88.	0.0180	0.0172	0.4615	298.0	64.9
9051.	287.0	-55.5	37.0	37.0	-56.5	88.	0.0173	0.0165	0.4594	298.0	65.1
9088.	285.2	-55.8	37.0	37.0	-56.8	88.	0.0167	0.0159	0.4573	297.0	65.2
9126.	283.6	-56.1	37.0	37.0	-57.1	88.	0.0162	0.0154	0.4552	297.0	65.3
9165.	281.9	-56.4	37.0	37.0	-57.4	88.	0.0154	0.0147	0.4531	297.0	65.5
9205.	280.1	-56.7	37.0	37.0	-57.7	88.	0.0147	0.0140	0.4510	297.0	65.4
9244.	278.4	-57.1	37.1	37.1	-58.1	88.	0.0140	0.0141	0.4489	297.0	65.3
9284.	276.6	-57.4	37.1	37.1	-58.4	88.	0.0133	0.0134	0.4472	297.0	65.1
9321.	275.0	-57.7	37.2	37.2	-58.8	88.	0.0128	0.0128	0.4449	296.0	64.9
9362.	273.2	-58.0	37.2	37.2	-59.2	88.	0.0121	0.0122	0.4428	296.0	64.7
9403.	271.4	-58.4	37.4	37.4	-59.5	88.	0.0117	0.0116	0.4405	296.0	64.3
9444.	269.5	-58.8	37.5	37.5	-59.8	88.	0.0117	0.0117	0.4376	296.0	64.2
9485.	267.7	-59.0	37.7	37.7	-60.2	88.	0.0112	0.0112	0.4359	296.0	64.1
9527.	266.2	-59.4	37.9	37.9	-60.6	88.	0.0111	0.0111	0.4336	295.0	64.1
9568.	264.7	-59.8	38.0	38.0	-60.9	88.	0.0111	0.0111	0.4306	295.0	64.1
9609.	263.1	-60.1	38.1	38.1	-61.1	88.	0.0111	0.0111	0.4284	295.0	64.0
9657.	261.5	-60.4	38.3	38.3	-61.4	88.	0.0112	0.0112	0.4262	294.0	63.9
9697.	259.9	-60.8	38.4	38.4	-60.8	88.	0.0111	0.0111	0.4240	294.0	63.8
9741.	258.4	-59.4	40.5	40.5	-60.7	88.	0.0110	0.0110	0.4219	294.0	63.6
9784.	257.0	-61.0	41.2	41.2	-61.2	88.	0.0107	0.0107	0.4198	294.0	63.6
9826.	255.5	-61.3	41.4	41.4	-61.5	88.	0.0104	0.0104	0.4176	294.0	63.5
9866.	254.1	-61.6	41.6	41.6	-61.8	88.	0.0099	0.0099	0.4155	294.0	63.4
9905.	252.7	-61.9	42.0	42.0	-62.1	88.	0.0095	0.0095	0.4134	294.0	63.4
9942.	251.4	-62.2	42.2	42.2	-62.4	88.	0.0091	0.0091	0.4113	294.0	63.3
9979.	250.1	-62.5	42.4	42.4	-62.7	88.	0.0087	0.0087	0.4093	294.0	63.3
10014.	248.9	-62.8	42.7	42.7	-63.0	88.	0.0084	0.0084	0.4069	294.0	63.2
10051.	247.7	-63.0	43.1	43.1	-63.2	88.	0.0080	0.0080	0.4049	294.0	63.2
10092.	246.4	-63.3	43.4	43.4	-63.5	88.	0.0076	0.0076	0.4029	294.0	63.1
10131.	245.1	-63.6	43.7	43.7	-63.8	88.	0.0073	0.0073	0.4009	294.0	63.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10048.	244.8	-60.1	45.3	45.3	-61.0	88.	0.0094	0.0096	0.4003	293.0	59.5
10078.	243.6	-60.1	45.4	45.4	-61.0	88.	0.0094	0.0096	0.3983	293.0	59.1
10112.	242.3	-60.2	46.1	46.1	-61.1	86.	0.0093	0.0095	0.3964	293.0	58.9
10145.	241.0	-60.3	46.4	46.4	-61.2	88.	0.0091	0.0093	0.3944	293.0	58.5
10176.	239.8	-60.5	46.6	46.6	-61.4	88.	0.0089	0.0091	0.3928	293.0	58.2
10207.	238.6	-60.6	46.9	46.9	-61.5	88.	0.0088	0.0090	0.3911	293.0	57.8
10239.	237.4	-60.6	47.4	47.4	-61.5	88.	0.0088	0.0090	0.3891	293.0	57.5
10273.	236.1	-60.6	47.9	47.9	-61.5	88.	0.0088	0.0090	0.3870	293.0	57.1
10302.	235.0	-60.6	48.3	48.3	-61.5	88.	0.0088	0.0090	0.3852	293.0	56.9
10334.	233.8	-60.7	48.6	48.6	-61.6	88.	0.0087	0.0089	0.3834	293.0	56.6
10363.	232.7	-60.9	48.7	48.7	-61.8	88.	0.0084	0.0086	0.3819	293.0	56.3
10390.	231.7	-61.0	49.0	49.0	-61.9	88.	0.0083	0.0085	0.3805	293.0	56.1
10419.	230.6	-61.1	49.3	49.3	-62.0	88.	0.0082	0.0084	0.3788	293.0	55.9
10452.	229.4	-61.1	49.7	49.6	-62.0	86.	0.0082	0.0084	0.3769	293.0	55.7
10480.	228.0	-61.2	50.2	50.2	-62.1	88.	0.0081	0.0083	0.3747	293.0	55.4
10525.	226.7	-61.3	50.5	50.5	-62.2	88.	0.0080	0.0082	0.3728	293.0	55.2
10555.	225.6	-61.3	51.0	51.0	-62.2	88.	0.0080	0.0082	0.3710	293.0	55.1
10585.	224.5	-61.4	51.6	51.6	-62.1	88.	0.0081	0.0083	0.3690	293.0	55.0
10618.	223.3	-61.3	51.9	51.9	-62.2	88.	0.0080	0.0082	0.3672	293.0	54.9
10649.	222.2	-61.4	52.2	52.2	-62.3	88.	0.0079	0.0081	0.3656	293.0	54.7
10680.	221.1	-61.4	52.7	52.7	-62.3	88.	0.0079	0.0081	0.3638	293.0	54.5
10713.	219.9	-61.4	53.2	53.2	-62.3	88.	0.0079	0.0081	0.3618	293.0	54.4
10747.	218.7	-61.5	53.6	53.6	-62.4	88.	0.0078	0.0080	0.3600	293.0	54.4
10781.	217.5	-61.6	53.9	53.9	-62.5	88.	0.0077	0.0079	0.3582	293.0	54.3
10813.	216.4	-61.7	54.2	54.2	-62.6	88.	0.0075	0.0078	0.3565	293.0	54.2
10841.	215.4	-61.8	54.5	54.5	-62.7	88.	0.0074	0.0077	0.3550	293.0	54.1
10870.	214.4	-61.8	55.0	55.0	-62.7	88.	0.0074	0.0077	0.3534	293.0	54.0
10899.	213.4	-61.7	55.6	55.6	-62.6	88.	0.0075	0.0078	0.3516	293.0	54.0
10928.	212.4	-61.8	55.8	55.8	-62.7	88.	0.0074	0.0077	0.3501	293.0	53.9
10963.	211.2	-61.8	56.2	56.2	-62.8	86.	0.0073	0.0076	0.3483	293.0	53.9
10998.	210.0	-62.1	56.4	56.4	-63.0	86.	0.0071	0.0074	0.3466	293.0	53.8
11033.	208.8	-62.2	56.8	56.8	-63.1	86.	0.0070	0.0073	0.3448	293.0	53.7
11066.	207.7	-62.3	57.2	57.2	-63.2	86.	0.0069	0.0072	0.3432	293.0	53.7
11096.	206.7	-62.3	57.6	57.6	-63.2	86.	0.0069	0.0072	0.3415	293.0	53.5
11129.	205.6	-62.3	58.6	58.6	-62.9	86.	0.0072	0.0075	0.3392	293.0	53.6
11159.	204.6	-61.9	59.2	59.2	-62.8	86.	0.0073	0.0076	0.3374	293.0	53.5
11189.	203.6	-61.8	59.7	59.7	-62.8	86.	0.0073	0.0076	0.3358	293.0	53.3
11223.	202.5	-61.8	60.4	60.4	-62.7	86.	0.0074	0.0077	0.3338	293.0	53.2
11256.	201.4	-61.6	61.2	61.2	-62.5	86.	0.0077	0.0079	0.3317	293.0	53.0
11293.	200.2	-61.5	62.2	62.2	-62.2	86.	0.0080	0.0082	0.3292	293.0	52.9
11327.	199.1	-61.1	63.1	63.1	-62.0	86.	0.0082	0.0084	0.3271	293.0	52.6
11365.	197.9	-61.0	63.8	63.8	-61.9	86.	0.0083	0.0085	0.3250	293.0	52.4
11399.	196.9	-60.9	64.5	64.5	-61.8	86.	0.0084	0.0086	0.3230	293.0	52.1
11437.	195.6	-61.0	64.9	65.0	-61.9	86.	0.0083	0.0085	0.3212	293.0	51.8
11469.	194.6	-61.1	65.3	65.3	-62.0	86.	0.0082	0.0084	0.3197	293.0	51.5
11504.	193.5	-61.2	65.7	65.7	-62.1	86.	0.0081	0.0083	0.3180	293.0	51.3
11540.	192.4	-61.2	66.2	66.2	-62.1	86.	0.0081	0.0083	0.3162	293.0	51.0
11575.	191.3	-61.1	66.7	66.7	-62.0	86.	0.0082	0.0084	0.3143	293.0	50.7
11614.	190.1	-61.1	67.7	67.7	-61.9	86.	0.0083	0.0085	0.3122	293.0	50.5
11650.	189.0	-60.8	68.4	68.4	-61.8	86.	0.0084	0.0086	0.3102	293.0	50.3
11686.	187.9	-60.8	69.0	69.0	-61.8	86.	0.0084	0.0086	0.3084	293.0	50.1
11723.	186.8	-61.0	69.4	69.4	-61.9	86.	0.0083	0.0085	0.3067	293.0	50.0
11763.	185.6	-61.1	70.1	70.1	-61.9	86.	0.0083	0.0085	0.3048	291.0	49.9
11800.	184.5	-61.1	70.5	70.5	-62.0	86.	0.0082	0.0084	0.3031	291.0	49.9
11837.	183.4	-61.2	70.9	70.9	-62.1	86.	0.0081	0.0083	0.3014	291.0	49.8
11887.	182.0	-61.3	71.2	71.2	-62.2	86.	0.0080	0.0082	0.3001	292.0	49.7
11919.	181.4	-61.4	71.7	71.7	-62.3	86.	0.0079	0.0081	0.2984	292.0	49.8
11939.	180.4	-61.5	72.0	72.0	-62.4	86.	0.0078	0.0080	0.2969	292.0	49.7
11972.	179.4	-61.5	72.6	72.6	-62.4	86.	0.0078	0.0080	0.2953	292.0	49.9
12008.	178.4	-61.5	73.1	73.1	-62.4	86.	0.0078	0.0080	0.2936	292.0	49.9
12042.	177.4	-61.4	73.6	73.6	-62.3	86.	0.0079	0.0081	0.2919	292.0	49.8
12074.	176.5	-61.2	74.7	74.7	-62.1	86.	0.0081	0.0083	0.2901	292.0	50.1
12106.	175.5	-61.1	75.5	75.5	-61.9	86.	0.0083	0.0085	0.2884	292.0	50.1
12138.	174.7	-60.9	76.2	76.2	-61.8	86.	0.0084	0.0086	0.2867	292.0	50.1
12170.	173.8	-60.7	76.7	76.7	-61.8	86.	0.0084	0.0086	0.2853	291.0	50.2
12202.	172.9	-61.	77.1	77.1	-61.9	86.	0.0083	0.0085	0.2839	291.0	50.2
12234.	172.0	-61.1	77.4	77.4	-62.0	86.	0.0084	0.0086	0.2826	291.0	50.3
12265.	171.2	-61.7	77.6	77.6	-62.2	86.	0.0082	0.0084	0.2815	291.0	50.5
12298.	170.4	-61.4	77.8	77.8	-62.3	86.	0.0081	0.0083	0.2803	291.0	50.5
12325.	169.5	-61.4	78.4	78.4	-62.3	86.	0.0081	0.0083	0.2789	291.0	50.6
12354.	168.7	-61.5	79.1	79.1	-62.2	86.	0.0081	0.0082	0.2774	290.0	50.6
12384.	167.9	-61.6	79.7	79.7	-62.1	86.	0.0081	0.0083	0.2760	290.0	50.6
12415.	167.1	-61.5	80.2	80.2	-62.1	86.	0.0081	0.0083	0.2747	290.0	50.6
12447.	166.2	-61.1	80.9	80.9	-62.0	86.	0.0084	0.0086	0.2730	290.0	50.5
12480.	165.3	-61.0	81.6	81.6	-61.9	86.	0.0085	0.0087	0.2714	289.0	50.5
12514.	164.4	-60.8	82.3	82.3	-61.8	86.	0.0086	0.0088	0.2698	289.0	50.3
12548.	163.5	-60.7	83.1	83.1	-61.7	86.	0.0087	0.0089	0.2682	289.0	50.2
12582.	162.6	-60.7	83.8	83.8	-61.6	86.	0.0088	0.0090	0.2666	289.0	50.0
12613.	161.9	-60.6	84.6	84.6	-61.4	86.	0.0089	0.0091	0.2651	289.0	49.8
12644.	161.1	-60.6	85.1	85.1	-61.4	86.	0.0089	0.0091	0.2638	289.0	49.6
12675.	160.2	-60.7	85.6	85.6	-61.4	86.	0.0089	0.0091	0.2624	289.0	49.3
12706.	159.4	-60.4	86.0	86.0	-61.5	86.	0.0090	0.0092	0.2613	288.0	49.1
12737.	158.6	-60.7	86.3	86.3	-61.6	86.	0.0089	0.0091	0.2601	288.0	48.9
12769.	157.8	-60.7	86.6	86.6	-61.6	86.	0.0089	0.0091	0.2588	288.0	48.7
12801.	157.0	-60.7	87.0	87.0	-61.6	86.	0.0089	0.0090	0.2573	288.0	48.4
12832.	156.2	-60.7	87.4	87.4	-61.6	86.	0.0089	0.0091	0.2561	288.0	48.2
12863.	155.3	-60.7	87.8	87.8	-61.6	86.	0.0089	0.0091	0.2547	288.0	48.0
12896.	154.4	-60.7	88.2	88.2	-61.7	86.	0.0088	0.0090	0.2535	287.0	47.8
12932.	153.4	-60.7	88.4	88.4	-61.7	86.	0.0088	0.0090	0.2522	287.0	47.6
12964.	152.5	-60.7	88.8	88.8	-61.7	86.	0.0088	0.0090	0.2509	287.0	47.5
13001.	151.5	-60.7	89.2	89.2	-61.7	86.	0.0087	0.0089	0.2494	287.0	47.4
13034.	150.7	-60.7	89.5	89.5	-61.7	86.	0.0087	0.0089	0.2481	287.0	47.4
13071.	149.7	-60.7	89.8	89.8	-61.8	86.	0.0086	0.0088	0.2467	287.0	47.4
13104.	148.8	-61.	90.1	90.1	-61.8	86.	0.0085	0.0087	0.2455	287.0	47.2
13137.	148.0	-61.	90.4	90.4	-61.8	86.	0.0085	0.0087	0.2442	287.0	47.2
13167.	147.2	-60.9	90.6	90.6	-61.8	86.	0.0085	0.0086	0.2429	287.0	47.0
13196.	146.4	-60.9	90.8	90.8	-61.8	86.	0.0085	0.0087	0.2417	287.0	47.0
13224.	145.6	-60.7	91.1	91.1	-61.7	86.	0.0086	0.0087	0.2401	287.0	46.9
13252.	144.8	-60.7	91.3	91.3	-61.7	86.	0.0086	0.0087	0.2387	287.0	46.7
13281.	144.0	-60.7	91.5	91.5	-61.7	86.	0.0086	0.0087	0.2374	287.0	46.6
13309.	143.2	-60.7	91.7	91.7	-61.7	86.	0.0086	0.0087	0.2361	287.0	46.5
13341.	142.4	-60.7	91.9	91.9	-61.7	86.	0.0086	0.0087	0.2348	287.0	46.4
13370.	141.6	-60.7	92.1	92.1	-61.7	86.	0.0086	0.0087	0.2336	287.0	46.4
13402.	140.8	-60.7	92.3	92.3	-61.7	86.	0.0085	0.0086	0.2324	287.0	46.3
13432.	140.0	-60.7	92.5	92.5	-61.7	86.	0.0085	0.0086	0.2310	287.0	46.2
13460.	139.2	-60.7	92.7	92.7	-61.7	86.	0.0085	0.0086	0.2298	287.0	46.1
13494.	138.4	-60.7	92.9	92.9	-61.7	86.	0.0084	0.0086	0.2286	287.0	46.0
13524.	137.6	-60.7	93.1	93.1	-61.7	86.	0.0084	0.0086	0.2273	287.0	46.1
13556.	136.8	-60.7	93.3	93.3	-61.7	86.	0.0084	0.0086	0.2261	287.0	46.0

HEIGHT (F)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13642.	137.1	-60.5	111.8	112.1	-61.4	88.	0.0086	0.0091	0.2246	287.0	46.0
13674.	136.4	-60.5	112.5	112.9	-61.2	88.	0.0091	0.0093	0.2232	287.0	46.0
13706.	135.7	-60.5	113.2	113.1	-61.4	88.	0.0089	0.0091	0.2223	287.0	45.9
13738.	135.0	-60.5	113.6	113.6	-61.4	88.	0.0089	0.0091	0.2212	287.0	45.8
13770.	134.3	-60.5	114.2	114.2	-61.4	88.	0.0089	0.0091	0.2200	287.0	45.9
13796.	133.7	-60.4	114.8	114.8	-61.3	88.	0.0090	0.0092	0.2189	287.0	46.0
13826.	133.1	-60.4	115.3	115.3	-61.3	88.	0.0090	0.0092	0.2179	286.0	46.1
13862.	132.3	-60.4	116.1	116.2	-61.2	88.	0.0091	0.0093	0.2165	286.0	46.4
13898.	131.7	-60.4	116.8	116.8	-61.3	88.	0.0090	0.0092	0.2157	286.0	46.5
13926.	131.0	-60.4	117.4	117.4	-61.3	88.	0.0090	0.0092	0.2145	286.0	46.8
13958.	130.3	-60.5	117.4	117.4	-61.4	88.	0.0089	0.0091	0.2135	286.0	46.9
13991.	129.6	-60.5	118.0	118.0	-61.4	88.	0.0089	0.0091	0.2123	286.0	47.0
14026.	128.9	-60.5	118.6	118.6	-61.4	88.	0.0089	0.0091	0.2112	286.0	47.1
14054.	128.3	-60.4	119.2	119.2	-61.3	88.	0.0090	0.0092	0.2101	286.0	47.2
14083.	127.7	-60.5	119.6	119.6	-61.4	88.	0.0089	0.0091	0.2092	286.0	47.2
14117.	127.0	-60.6	110.1	110.1	-61.5	88.	0.0088	0.0090	0.2082	286.0	47.6
14152.	126.3	-60.7	110.5	110.5	-61.6	88.	0.0087	0.0089	0.2071	286.0	47.8
14171.	125.7	-60.8	110.9	110.9	-61.7	88.	0.0085	0.0087	0.2062	286.0	47.9
14216.	125.0	-60.8	111.3	111.3	-61.8	88.	0.0084	0.0086	0.2052	286.0	48.0
14246.	124.4	-60.8	111.8	111.8	-61.8	88.	0.0084	0.0086	0.2042	286.0	48.1
14276.	123.8	-60.8	112.3	112.3	-61.8	88.	0.0084	0.0086	0.2032	286.0	48.2
14306.	123.2	-60.8	112.8	112.8	-61.8	88.	0.0084	0.0086	0.2022	286.0	48.2
14336.	122.6	-60.8	113.6	113.6	-61.7	88.	0.0085	0.0087	0.2011	286.0	48.2
14367.	122.0	-60.7	114.3	114.3	-61.6	88.	0.0087	0.0089	0.2001	286.0	48.2
14397.	121.4	-60.8	114.7	114.7	-61.7	88.	0.0085	0.0087	0.1992	286.0	48.2
14428.	120.8	-60.8	115.2	115.2	-61.7	88.	0.0085	0.0087	0.1982	286.0	48.2
14458.	120.2	-60.8	115.8	115.8	-61.7	88.	0.0085	0.0087	0.1972	286.0	48.2
14495.	119.5	-60.7	116.6	116.6	-61.6	88.	0.0087	0.0089	0.1960	286.0	48.0
14521.	119.0	-60.8	116.9	116.9	-61.7	88.	0.0085	0.0087	0.1952	286.0	48.0
14552.	118.4	-60.8	117.4	117.5	-61.7	88.	0.0085	0.0087	0.1942	286.0	48.0
14584.	117.8	-60.7	118.2	118.2	-61.6	88.	0.0087	0.0089	0.1932	287.0	47.9
14616.	117.2	-60.7	118.6	118.6	-61.7	88.	0.0085	0.0087	0.1923	287.0	47.9
14655.	116.5	-60.9	119.1	119.1	-61.9	88.	0.0084	0.0086	0.1912	288.0	47.8
14685.	115.9	-61.0	119.5	119.5	-61.9	88.	0.0083	0.0085	0.1903	288.0	47.9
14717.	115.3	-61.2	119.7	119.7	-62.1	88.	0.0081	0.0083	0.1895	288.0	47.9
14750.	114.7	-61.4	119.9	119.9	-62.3	88.	0.0079	0.0081	0.1887	288.0	48.0
14782.	114.1	-61.4	120.5	120.5	-62.3	88.	0.0079	0.0081	0.1877	288.0	48.1
14815.	113.5	-61.5	120.9	120.9	-62.4	88.	0.0078	0.0080	0.1868	288.0	48.0
14842.	113.0	-61.5	121.4	121.4	-62.4	88.	0.0078	0.0080	0.1860	288.0	48.0
14875.	112.4	-61.6	121.8	121.8	-62.5	88.	0.0076	0.0079	0.1851	288.0	48.1
14908.	111.8	-61.7	122.2	122.2	-62.6	88.	0.0075	0.0078	0.1842	289.0	48.1
14941.	111.2	-61.7	122.6	122.6	-62.7	88.	0.0074	0.0077	0.1833	287.0	48.2
14970.	110.6	-61.7	123.4	123.4	-62.6	88.	0.0075	0.0078	0.1822	287.0	48.2
15003.	110.1	-61.8	124.1	124.1	-62.5	88.	0.0076	0.0079	0.1813	287.0	48.2
15037.	109.5	-61.8	124.8	124.8	-62.5	88.	0.0076	0.0079	0.1803	287.0	48.2
15065.	109.0	-61.7	125.1	125.1	-62.6	88.	0.0075	0.0078	0.1796	287.0	48.0
15093.	108.5	-61.7	125.6	125.6	-62.6	88.	0.0075	0.0078	0.1788	287.0	48.0
15128.	107.9	-61.8	126.4	126.4	-62.5	88.	0.0076	0.0079	0.1777	287.0	47.7
15156.	107.4	-61.8	127.1	127.2	-62.4	88.	0.0078	0.0080	0.1768	287.0	47.6
15185.	106.9	-61.8	127.7	127.7	-62.4	88.	0.0078	0.0080	0.1760	286.0	47.4
15214.	106.4	-61.8	128.2	128.2	-62.4	88.	0.0078	0.0080	0.1751	286.0	47.3
15243.	105.9	-61.8	128.9	129.0	-62.3	88.	0.0079	0.0081	0.1742	286.0	47.0
15273.	105.3	-61.8	129.6	129.6	-62.3	88.	0.0079	0.0081	0.1732	286.0	46.9
15302.	104.9	-61.8	129.6	129.9	-62.4	88.	0.0078	0.0080	0.1727	286.0	46.7
15338.	104.3	-61.8	130.5	130.5	-62.4	88.	0.0078	0.0080	0.1717	286.0	46.5
15367.	103.8	-61.8	131.1	131.1	-62.4	88.	0.0078	0.0080	0.1709	286.0	46.3
15397.	103.3	-61.8	131.6	131.6	-62.4	88.	0.0078	0.0080	0.1700	285.0	46.1
15427.	102.8	-61.8	132.4	132.4	-62.3	88.	0.0079	0.0081	0.1691	285.0	45.9
15465.	102.2	-61.8	133.1	133.1	-62.3	88.	0.0079	0.0081	0.1681	285.0	45.8
15494.	101.7	-61.8	133.8	133.8	-62.4	88.	0.0078	0.0080	0.1674	286.0	45.8
15536.	101.1	-61.8	134.1	134.1	-62.4	88.	0.0078	0.0080	0.1664	285.0	45.8
15567.	100.5	-61.8	134.8	134.8	-62.4	88.	0.0078	0.0080	0.1654	285.0	45.7
15598.	100.0	-61.8	135.4	135.4	-62.4	88.	0.0078	0.0080	0.1646	285.0	45.8
15635.	99.4	-61.8	136.1	136.1	-62.4	88.	0.0078	0.0080	0.1636	285.0	45.8
15673.	98.8	-61.6	136.6	136.6	-62.5	88.	0.0076	0.0079	0.1627	285.0	45.8
15710.	98.2	-61.8	137.5	137.5	-62.4	88.	0.0078	0.0080	0.1616	285.0	45.8
15749.	97.6	-61.8	138.2	138.3	-62.4	88.	0.0078	0.0080	0.1607	285.0	45.9
15787.	97.0	-61.8	139.0	139.0	-62.4	88.	0.0078	0.0080	0.1597	285.0	45.9
15825.	96.4	-61.4	139.9	139.9	-62.3	88.	0.0079	0.0081	0.1586	285.0	46.0
15864.	95.8	-61.4	140.6	140.6	-62.3	88.	0.0079	0.0081	0.1576	285.0	46.1
15902.	95.2	-61.3	141.6	141.6	-62.2	88.	0.0080	0.0082	0.1566	285.0	46.1
15935.	94.7	-61.2	142.4	142.4	-62.1	88.	0.0081	0.0083	0.1557	285.0	46.1
15974.	94.1	-61.0	143.5	143.5	-61.9	88.	0.0083	0.0085	0.1545	285.0	46.0
16006.	93.6	-60.8	144.4	144.4	-61.8	88.	0.0084	0.0086	0.1536	285.0	46.1
16041.	93.1	-61.0	144.8	144.8	-61.9	88.	0.0083	0.0085	0.1529	285.0	46.1
16074.	92.6	-61.0	145.5	145.5	-61.9	88.	0.0083	0.0085	0.1521	285.0	46.1
16108.	92.1	-61.0	146.1	146.1	-61.9	88.	0.0083	0.0085	0.1512	285.0	46.0
16142.	91.6	-61.0	146.8	146.8	-61.9	88.	0.0083	0.0085	0.1504	285.0	46.0
16175.	91.1	-60.9	147.6	147.6	-61.8	88.	0.0084	0.0086	0.1495	285.0	46.0
16210.	90.6	-60.9	148.3	148.3	-61.8	88.	0.0084	0.0086	0.1487	285.0	45.8
16244.	90.1	-60.8	149.1	149.1	-61.7	88.	0.0085	0.0087	0.1478	285.0	45.7
16272.	89.7	-60.7	149.9	149.9	-61.6	88.	0.0087	0.0089	0.1471	284.0	45.6
16306.	89.2	-60.5	150.9	151.0	-61.4	88.	0.0089	0.0091	0.1461	284.0	45.4
16334.	88.8	-60.3	151.9	151.9	-61.2	88.	0.0091	0.0093	0.1453	284.0	45.3
16362.	88.4	-60.2	152.6	152.7	-61.1	88.	0.0093	0.0095	0.1446	284.0	45.1
16398.	87.9	-60.0	153.7	153.7	-60.9	88.	0.0095	0.0097	0.1437	284.0	44.9
16426.	87.5	-59.9	154.5	154.5	-60.8	88.	0.0096	0.0098	0.1429	284.0	44.7
16455.	87.1	-59.7	155.4	155.5	-60.6	88.	0.0099	0.0101	0.1422	284.0	44.6
16491.	86.6	-59.7	156.2	156.2	-60.6	88.	0.0099	0.0101	0.1413	284.0	44.3
16519.	86.2	-59.7	156.7	156.7	-60.6	88.	0.0099	0.0101	0.1407	284.0	44.2
16556.	85.7	-59.6	157.6	157.7	-60.5	88.	0.0100	0.0102	0.1398	283.0	43.9
16585.	85.3	-59.5	158.4	158.4	-60.4	88.	0.0102	0.0104	0.1391	283.0	43.8
16622.	84.8	-59.3	159.5	159.6	-60.2	88.	0.0105	0.0106	0.1381	283.0	43.6
16651.	84.4	-59.2	160.3	160.4	-60.1	88.	0.0106	0.0108	0.1374	283.0	43.5
16688.	83.9	-59.1	161.3	161.3	-60.0	88.	0.0107	0.0109	0.1366	284.0	43.5
16718.	83.5	-59.1	161.9	161.9	-60.0	88.	0.0107	0.0109	0.1359	284.0	43.4
16756.	83.0	-59.3	162.2	162.2	-60.2	88.	0.0105	0.0106	0.1352	284.0	43.4
16786.	82.6	-59.4	162.6	162.6	-60.3	88.	0.0103	0.0105	0.1346	284.0	43.3
16824.	82.1	-59.4	163.4	163.4	-60.3	88.	0.0103	0.0105	0.1338	284.0	43.1
16855.	81.7	-59.3	164.2	164.2	-60.2	88.	0.0105	0.0106	0.1331	283.0	42.9
16885.	81.3	-59.2	165.0	165.0	-60.1	88.	0.0106	0.0108	0.1324	283.0	42.9
16924.	80.8	-59.1	166.0	166.0	-60.0	88.	0.0107	0.0109	0.1315	283.0	42.7
16955.	80.4	-59.0	166.8	166.8	-59.9	88.	0.0109	0.0111	0.1308	283.0	42.7
16986.	80.0	-58.9	167.6	167.7	-59.8	88.	0.0110	0.0112	0.1301	283.0	42.6
17018.	79.6	-58.7	168.7	168.7	-59.7	88.	0.0113	0.0115	0.1293	282.0	42.5
17049.	79.2	-58.5	169.7	169.7	-59.5	88.	0.0116	0.0118	0.1285	282.0	42.5
17081.	78.8	-58.3	170.8	170.8	-59.3	88.	0.0120	0.0121	0.1278	282.0	42.6
17113.	78.4	-58.1	171.8	171.9	-59.1	88.	0.0123	0.0124	0.1270	282.0	42.6
17153.	77.9	-57.9	173.1	173.1	-58.9	88.	0.0126	0.0128	0.1261	282.0	42.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17188.	77.5	-57.1	174.3	174.4	-58.6	84.	0.0124	0.0129	0.1254	282.0	45.7
17218.	77.1	-57.2	174.6	174.8	-58.8	85.	0.0120	0.0125	0.1247	282.0	45.9
17251.	76.7	-57.4	175.0	175.1	-58.9	88.	0.0126	0.0128	0.1241	282.0	45.9
17292.	76.2	-57.4	175.3	175.5	-58.9	89.	0.0126	0.0128	0.1233	282.0	45.1
17328.	75.8	-57.5	175.5	176.0	-58.9	88.	0.0126	0.0128	0.1227	282.0	45.3
17358.	75.4	-57.7	177.7	177.7	-58.7	88.	0.0129	0.0131	0.1219	282.0	45.4
17392.	75.0	-57.8	178.0	178.0	-58.8	88.	0.0132	0.0134	0.1212	282.0	47.6
17426.	74.6	-57.8	178.1	178.1	-58.8	88.	0.0132	0.0134	0.1204	282.0	47.7
17460.	74.2	-57.8	178.1	178.2	-58.8	88.	0.0132	0.0134	0.1196	282.0	47.5
17494.	73.8	-58.0	182.4	182.4	-57.8	88.	0.0146	0.0147	0.1188	284.0	44.1
17537.	73.3	-58.5	182.3	182.3	-57.5	88.	0.0152	0.0152	0.1179	285.0	44.2
17588.	73.0	-58.6	184.4	184.4	-57.6	88.	0.0156	0.0156	0.1173	285.0	44.3
17598.	72.9	-58.1	185.9	186.0	-57.1	85.	0.0160	0.0160	0.1165	286.0	44.5
17640.	72.1	-58.1	186.6	186.6	-57.1	86.	0.0161	0.0161	0.1157	286.0	44.6
17677.	71.7	-58.2	187.4	187.4	-57.2	86.	0.0156	0.0156	0.1151	287.0	44.7
17712.	71.4	-58.3	187.7	187.8	-57.3	88.	0.0156	0.0156	0.1146	287.0	44.7
17748.	71.0	-58.4	188.5	188.5	-57.4	88.	0.0154	0.0154	0.1140	287.0	44.7
17784.	70.6	-58.5	189.2	189.2	-57.5	88.	0.0152	0.0152	0.1134	287.0	44.6
17820.	70.1	-58.7	188.3	188.3	-57.7	88.	0.0148	0.0148	0.1128	287.0	44.6
17856.	69.7	-58.8	190.9	190.9	-57.8	88.	0.0156	0.0156	0.1120	287.0	44.6
17883.	69.4	-58.8	192.4	192.4	-57.8	86.	0.0164	0.0164	0.1113	287.0	44.6
17926.	69.0	-58.8	193.7	193.7	-57.8	84.	0.0171	0.0171	0.1105	287.0	44.6
17967.	68.6	-58.4	194.4	195.1	-57.4	88.	0.0175	0.0175	0.1098	287.0	44.6
17994.	68.2	-58.5	195.9	195.9	-57.5	88.	0.0173	0.0173	0.1092	287.0	44.6
18032.	67.8	-58.5	196.3	196.3	-57.5	88.	0.0173	0.0173	0.1085	287.0	44.6
18069.	67.4	-58.5	197.1	197.1	-57.5	88.	0.0173	0.0173	0.1079	287.0	44.6
18107.	67.0	-58.5	197.9	197.9	-57.5	88.	0.0173	0.0173	0.1073	287.0	44.7
18145.	66.6	-58.6	198.5	198.5	-57.6	88.	0.0171	0.0171	0.1067	287.0	44.8
18184.	66.2	-58.6	199.3	199.3	-57.6	88.	0.0171	0.0171	0.1060	287.0	44.7
18222.	65.8	-58.5	200.2	200.4	-57.5	88.	0.0173	0.0173	0.1053	287.0	44.6
18261.	65.5	-58.4	201.4	201.4	-57.3	88.	0.0177	0.0177	0.1048	287.0	44.5
18300.	65.1	-58.1	202.5	202.5	-57.1	88.	0.0182	0.0182	0.1039	287.0	44.3
18340.	64.8	-58.0	204.4	204.4	-56.8	88.	0.0184	0.0184	0.1031	287.0	44.1
18379.	64.4	-58.0	205.9	205.9	-56.8	88.	0.0187	0.0186	0.1023	287.0	44.0
18419.	63.8	-58.4	206.9	207.0	-57.0	88.	0.0180	0.0180	0.1016	287.0	43.8
18459.	63.4	-58.4	206.7	206.7	-56.9	88.	0.0187	0.0186	0.1012	287.0	43.6
18500.	63.0	-58.2	206.7	206.7	-56.3	88.	0.0177	0.0177	0.1008	287.0	43.4
18540.	62.6	-58.1	208.0	208.1	-56.1	88.	0.0182	0.0182	0.1000	287.0	43.2
18581.	62.2	-58.0	209.1	209.2	-56.0	88.	0.0184	0.0184	0.0993	287.0	43.0
18622.	61.8	-58.1	209.8	209.8	-56.1	88.	0.0182	0.0182	0.0988	287.0	42.9
18663.	61.5	-58.1	210.4	210.5	-56.1	88.	0.0182	0.0182	0.0983	287.0	42.8
18699.	61.1	-58.1	211.6	211.6	-56.1	88.	0.0184	0.0184	0.0976	287.0	42.8
18726.	60.8	-58.1	212.2	212.3	-56.0	88.	0.0184	0.0184	0.0971	287.0	42.8
18758.	60.5	-58.0	212.9	213.0	-56.0	88.	0.0184	0.0184	0.0966	287.0	42.9
18790.	60.2	-58.0	213.6	213.7	-56.0	88.	0.0184	0.0184	0.0962	287.0	43.0
18852.	59.6	-58.0	214.6	214.6	-56.0	88.	0.0184	0.0184	0.0955	287.0	42.8
18864.	59.5	-58.0	215.3	215.3	-56.0	88.	0.0184	0.0184	0.0950	288.0	43.5
18907.	59.1	-58.1	216.0	216.0	-56.1	88.	0.0182	0.0182	0.0944	288.0	43.4
18940.	58.8	-58.4	216.0	216.1	-56.4	88.	0.0175	0.0175	0.0941	288.0	43.5
18972.	58.5	-58.7	216.3	216.3	-56.7	88.	0.0169	0.0169	0.0937	287.0	43.5
19005.	58.2	-58.9	216.3	216.4	-56.9	88.	0.0164	0.0164	0.0933	288.0	43.7
19038.	57.9	-58.9	217.0	217.1	-56.9	88.	0.0164	0.0164	0.0929	288.0	43.8
19071.	57.6	-58.9	217.8	217.8	-56.9	88.	0.0164	0.0164	0.0924	288.0	44.1
19104.	57.3	-58.8	218.7	218.8	-56.8	88.	0.0166	0.0166	0.0919	288.0	44.2
19137.	57.0	-58.9	219.2	219.3	-56.9	88.	0.0164	0.0164	0.0914	289.0	44.4
19159.	56.8	-58.8	220.4	220.5	-56.6	88.	0.0171	0.0171	0.0910	289.0	44.5
19193.	56.5	-58.2	222.1	222.1	-56.2	88.	0.0181	0.0179	0.0903	290.0	44.7
19227.	56.2	-54.8	223.7	223.8	-55.8	88.	0.0189	0.0189	0.0897	290.0	44.8
19261.	55.9	-54.6	224.9	225.0	-55.6	88.	0.0194	0.0193	0.0891	290.0	44.8
19296.	55.6	-54.5	225.0	225.1	-55.9	88.	0.0187	0.0186	0.0888	290.0	44.9
19339.	55.3	-55.1	225.3	225.4	-56.1	88.	0.0182	0.0182	0.0884	291.0	44.8
19365.	55.0	-55.4	225.4	225.5	-56.4	88.	0.0175	0.0175	0.0880	291.0	44.8
19400.	54.7	-55.6	225.3	225.4	-56.6	88.	0.0166	0.0166	0.0877	291.0	44.8
19446.	54.3	-55.6	226.8	226.9	-56.6	88.	0.0171	0.0171	0.0870	291.0	44.8
19462.	54.0	-55.3	228.3	228.3	-56.3	88.	0.0177	0.0177	0.0864	291.0	44.6
19517.	53.7	-55.1	229.5	229.6	-56.1	88.	0.0182	0.0182	0.0858	291.0	44.7
19553.	53.4	-55.1	230.3	230.4	-56.1	88.	0.0182	0.0182	0.0853	291.0	44.7
19589.	53.1	-55.2	230.9	231.0	-56.2	88.	0.0180	0.0179	0.0849	291.0	44.7
19637.	52.7	-55.4	231.6	231.6	-56.4	88.	0.0175	0.0175	0.0843	291.0	44.8
19673.	52.4	-55.6	231.9	232.0	-56.6	88.	0.0171	0.0171	0.0839	291.0	44.8
19710.	52.1	-55.5	233.0	233.0	-56.5	88.	0.0173	0.0173	0.0834	290.0	44.8
19746.	51.8	-55.3	234.3	234.3	-56.3	88.	0.0177	0.0177	0.0829	290.0	45.1
19783.	51.5	-54.8	236.3	236.4	-55.8	88.	0.0189	0.0189	0.0822	290.0	45.2
19821.	51.2	-54.4	238.1	238.1	-55.4	88.	0.0199	0.0198	0.0816	290.0	45.4
19858.	50.9	-54.3	239.2	239.2	-55.3	88.	0.0202	0.0201	0.0810	289.0	45.7
19909.	50.5	-54.1	240.8	240.9	-55.1	88.	0.0207	0.0206	0.0803	289.0	45.9
19947.	50.2	-53.9	242.1	242.2	-54.9	88.	0.0212	0.0211	0.0798	289.0	46.2
19986.	49.9	-53.7	243.5	243.6	-54.7	88.	0.0218	0.0216	0.0792	289.0	46.4
20011.	49.7	-53.7	244.1	244.2	-54.7	88.	0.0218	0.0216	0.0789	288.0	46.6
20050.	49.4	-53.7	245.0	245.1	-54.7	88.	0.0218	0.0216	0.0784	288.0	46.9
20089.	49.1	-53.6	246.1	246.2	-54.6	88.	0.0221	0.0219	0.0779	288.0	47.2
20129.	48.8	-53.4	247.5	247.6	-54.4	88.	0.0226	0.0224	0.0774	288.0	47.5
20155.	48.6	-53.1	248.8	248.9	-54.1	86.	0.0235	0.0233	0.0770	287.0	47.8
20195.	48.3	-53.0	250.0	250.1	-54.0	88.	0.0238	0.0236	0.0765	287.0	48.1
20222.	48.1	-52.9	250.8	250.9	-53.9	88.	0.0241	0.0238	0.0761	286.0	48.4
20262.	47.8	-52.8	252.0	252.1	-53.8	88.	0.0244	0.0241	0.0756	288.0	48.7
20302.	47.5	-52.6	253.4	253.5	-53.6	88.	0.0251	0.0247	0.0751	288.0	48.8
20350.	47.3	-52.4	254.5	254.7	-53.4	88.	0.0257	0.0253	0.0747	288.0	47.5
20371.	47.0	-52.0	256.5	256.6	-53.0	88.	0.0270	0.0266	0.0741	99.9	99.9
20398.	46.8	-51.7	257.8	258.0	-52.7	88.	0.0281	0.0276	0.0736	99.9	99.9
20440.	46.5	-51.6	259.0	259.2	-52.6	88.	0.0284	0.0279	0.0731	99.9	99.9
20482.	46.2	-51.4	260.5	260.6	-52.4	88.	0.0291	0.0286	0.0726	291.0	44.5
20510.	46.0	-51.1	261.9	262.0	-52.1	88.	0.0303	0.0297	0.0722	292.0	43.2
20553.	45.7	-51.0	263.1	263.3	-52.0	88.	0.0306	0.0300	0.0717	293.0	41.0
20581.	45.5	-50.8	264.3	264.4	-51.8	88.	0.0314	0.0308	0.0713	294.0	38.4
20624.	45.2	-50.6	265.8	265.9	-51.6	88.	0.0322	0.0315	0.0708	296.0	35.0
20653.	45.0	-50.3	267.2	267.4	-51.3	88.	0.0334	0.0326	0.0704	99.9	99.9

SOUNDING 7.0
LATITUDE -53.8 LONGITUDE -10.0
DATE 10-18-81 TIME 1142 GMT
NUMBER OF LEVELS 469

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	991.1	0.0	0.7	1.3	-0.4	97.	5.9532	4.7297	1.2687	310.0	6.0
27.	987.7	-0.1	0.9	1.5	-0.5	97.	5.9055	4.6927	1.2648	310.0	5.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
56.	984.2	0.0	1.2	1.9	-0.4	97.	5.9531	4.7296	1.2599	306.0	6.8
84.	980.8	0.1	1.6	2.3	-0.2	98.	6.0582	4.8089	1.2552	304.0	7.6
112.	977.3	0.2	2.0	2.6	-0.1	98.	6.1022	4.8421	1.2503	302.0	8.2
140.	973.2	0.1	2.2	2.9	-0.2	98.	6.0580	4.8088	1.2455	301.0	8.7
185.	968.4	0.1	2.6	3.3	-0.0	99.	6.1198	4.8553	1.2394	300.0	9.1
226.	963.5	0.1	3.0	3.7	-0.0	99.	6.1197	4.8552	1.2332	299.0	9.3
267.	958.6	0.2	3.5	4.2	0.1	99.	6.1641	4.8887	1.2265	298.0	9.3
311.	953.3	0.2	4.0	4.6	0.2	100.	6.2263	4.9354	1.2198	298.0	9.3
360.	947.5	0.1	4.5	5.0	0.1	100.	6.1811	4.9015	1.2128	297.0	9.2
409.	941.7	0.0	4.7	5.4	-0.0	100.	6.1363	4.8677	1.2059	297.0	9.2
460.	935.8	0.2	5.4	6.1	0.2	100.	6.2255	4.9352	1.1975	296.0	9.0
504.	930.6	0.4	6.1	6.8	0.4	100.	6.3166	5.0034	1.1901	297.0	8.9
550.	925.3	0.5	6.6	7.4	0.5	100.	6.3624	5.0378	1.1830	296.0	8.8
603.	919.2	0.5	7.2	7.9	0.5	100.	6.3623	5.0377	1.1752	296.0	8.8
658.	912.9	0.5	7.7	8.5	0.5	100.	6.3621	5.0376	1.1672	296.0	8.9
712.	906.8	0.2	7.9	8.7	0.2	100.	6.2253	4.9347	1.1606	296.0	8.8
762.	901.2	0.0	8.2	9.0	0.0	100.	6.1354	4.8670	1.1542	295.0	8.7
811.	895.7	-0.3	8.4	9.1	-0.3	100.	5.9863	4.7539	1.1483	295.0	8.7
862.	890.0	-0.6	8.6	9.3	-0.6	100.	5.8395	4.6425	1.1422	293.0	8.6
915.	884.1	-0.9	8.8	9.5	-0.9	100.	5.6961	4.5334	1.1358	292.0	8.5
971.	877.9	-1.1	9.2	9.9	-1.1	100.	5.6022	4.4620	1.1286	291.0	8.6
1026.	871.8	-1.4	9.5	10.1	-1.4	100.	5.4640	4.3567	1.1219	290.0	8.7
1083.	865.6	-1.6	9.8	10.5	-1.6	100.	5.3736	4.2878	1.1147	288.0	8.5
1139.	859.6	-2.0	10.0	10.6	-2.0	100.	5.1970	4.1530	1.1085	286.0	8.5
1192.	853.8	-2.4	10.1	10.7	-2.4	100.	5.0257	4.0221	1.1026	284.0	8.4
1239.	848.8	-2.7	10.3	10.9	-2.7	100.	4.9006	3.9263	1.0972	281.0	8.2
1283.	844.1	-2.9	10.5	11.1	-2.9	100.	4.8188	3.8636	1.0919	283.0	8.7
1329.	839.2	-3.2	10.7	11.3	-3.2	100.	4.6984	3.7713	1.0867	279.0	8.9
1380.	833.6	-3.6	10.8	11.5	-3.6	100.	4.5422	3.6513	1.0812	278.0	9.2
1427.	828.8	-4.1	10.7	11.3	-4.1	100.	4.3537	3.5063	1.0766	277.0	9.3
1476.	823.7	-4.5	10.8	11.4	-4.5	100.	4.2080	3.3940	1.0715	276.0	9.6
1522.	818.9	-4.9	10.9	11.4	-4.9	100.	4.0668	3.2849	1.0667	275.0	9.9
1570.	813.9	-5.2	11.0	11.6	-5.2	100.	3.9637	3.2053	1.0614	274.0	10.0
1619.	808.8	-5.5	11.2	11.7	-5.6	99.	3.8243	3.0974	1.0558	273.0	10.2
1666.	804.0	-5.8	11.4	11.9	-5.9	99.	3.7270	3.0219	1.0506	273.0	10.2
1709.	799.6	-6.2	11.4	11.9	-6.2	100.	3.6371	2.9522	1.0464	271.0	10.0
1757.	794.7	-6.7	11.4	11.8	-6.7	100.	3.4832	2.8326	1.0418	275.0	10.7
1808.	789.5	-7.3	11.3	11.7	-7.3	100.	3.3064	2.6949	1.0372	276.0	11.0
1860.	784.3	-7.4	11.7	12.1	-7.5	99.	3.2449	2.6469	1.0308	277.0	11.0
1909.	779.3	-7.6	12.0	12.4	-7.7	99.	3.1888	2.6031	1.0249	278.0	11.1
1954.	774.8	-7.8	12.3	12.7	-8.0	98.	3.1319	2.5552	1.0197	279.0	11.3
2001.	770.2	-7.9	12.6	13.1	-8.2	97.	3.0435	2.4895	1.0140	280.0	11.6
2045.	765.8	-7.9	13.1	13.5	-8.2	97.	3.0435	2.4894	1.0082	281.0	11.6
2091.	761.3	-8.0	13.5	13.9	-8.5	96.	2.9858	2.4443	1.0027	282.0	11.7
2139.	756.6	-8.0	14.0	14.4	-8.6	95.	2.9547	2.4199	0.9965	283.0	11.9
2188.	751.8	-8.0	14.5	14.9	-8.6	95.	2.9546	2.4198	0.9902	280.0	11.9
2239.	746.9	-8.2	14.8	15.2	-8.9	94.	2.8727	2.3556	0.9844	281.0	12.2
2288.	742.2	-8.5	15.0	15.4	-9.3	93.	2.7683	2.2736	0.9792	282.0	12.6
2335.	737.7	-8.7	15.3	15.7	-9.5	93.	2.7201	2.2357	0.9740	262.0	12.8
2382.	733.2	-8.8	15.7	16.1	-9.7	92.	2.6672	2.1941	0.9684	282.0	13.4
2430.	728.7	-8.8	16.2	16.6	-11.0	82.	2.3773	1.9652	0.9622	282.0	13.8
2467.	725.2	-8.8	16.6	16.9	-12.3	73.	2.1163	1.7582	0.9574	282.0	14.4
2509.	721.3	-8.8	17.1	17.4	-13.1	68.	1.9713	1.6426	0.9522	278.0	14.7
2555.	717.0	-8.7	17.7	18.0	-13.5	65.	1.9010	1.5864	0.9461	277.0	15.4
2603.	712.6	-8.6	18.3	18.6	-12.1	73.	2.1537	1.7879	0.9401	279.0	16.3
2653.	708.0	-8.6	18.8	19.2	-10.8	82.	2.4192	1.9984	0.9343	282.0	17.1
2703.	703.4	-8.7	19.3	19.7	-9.6	92.	2.6905	2.2124	0.9288	284.0	18.2
2756.	698.6	-8.7	19.8	20.3	-9.6	92.	2.6904	2.2123	0.9225	285.0	19.4
2809.	694.0	-8.8	20.3	20.7	-9.7	92.	2.6668	2.1937	0.9167	287.0	20.4
2857.	689.6	-8.9	20.7	21.1	-9.7	92.	2.6721	2.1979	0.9113	289.0	21.3
2907.	685.1	-9.0	21.1	21.6	-9.8	92.	2.6486	2.1794	0.9057	289.0	22.4
2961.	680.4	-9.2	21.5	21.9	-10.0	91.	2.6023	2.1429	0.9001	290.0	23.2
3017.	675.5	-9.5	21.8	22.2	-10.1	91.	2.5342	2.0892	0.8946	290.0	24.0
3068.	671.2	-10.0	21.8	22.2	-10.6	91.	2.4243	2.0024	0.8903	291.0	24.7
3120.	666.5	-10.3	22.0	22.4	-11.1	91.	2.3605	1.9519	0.8853	293.0	25.8
3175.	661.7	-10.7	22.2	22.5	-11.4	91.	2.3223	1.9058	0.8802	293.0	26.3
3234.	656.7	-11.1	22.3	22.7	-11.8	91.	2.2214	1.8416	0.8748	294.0	27.0
3282.	652.6	-11.5	22.4	22.8	-12.2	91.	2.1431	1.7794	0.8706	295.0	27.5
3331.	648.4	-11.9	22.5	22.9	-12.6	91.	2.0873	1.7191	0.8663	295.0	28.0
3377.	644.5	-12.2	22.7	23.0	-12.9	91.	2.0121	1.6751	0.8621	296.0	28.5
3425.	640.6	-12.5	22.9	23.2	-13.1	91.	1.9791	1.6488	0.8578	296.0	29.0
3476.	636.7	-12.7	23.1	23.5	-13.3	91.	1.9435	1.6204	0.8532	296.0	29.6
3514.	633.9	-12.8	23.5	23.9	-13.4	91.	1.9260	1.6064	0.8485	297.0	29.9
3559.	629.3	-13.0	23.8	24.1	-13.6	91.	1.8913	1.5787	0.8443	297.0	29.8
3608.	625.3	-13.3	24.0	24.3	-13.9	91.	1.8404	1.5379	0.8398	297.0	30.1
3654.	621.5	-13.5	24.3	24.6	-14.1	91.	1.8071	1.5113	0.8353	298.0	30.2
3699.	617.8	-13.6	24.7	25.0	-14.2	91.	1.7937	1.4981	0.8307	298.0	30.2
3742.	614.3	-13.7	25.0	25.4	-14.1	92.	1.7930	1.5000	0.8263	297.0	29.8
3788.	610.6	-13.8	25.4	25.8	-14.2	92.	1.7767	1.4869	0.8216	298.0	29.7
3831.	607.2	-14.0	25.7	26.0	-14.4	92.	1.7445	1.4611	0.8177	297.0	29.5
3876.	603.9	-14.2	26.0	26.2	-14.6	92.	1.7128	1.4357	0.8138	297.0	29.7
3921.	600.0	-14.4	26.2	26.6	-14.8	92.	1.6816	1.4106	0.8092	297.0	29.8
3972.	596.0	-14.8	26.4	26.7	-15.2	92.	1.6208	1.3617	0.8050	298.0	30.4
4023.	592.0	-15.2	26.5	26.8	-15.5	92.	1.5784	1.3275	0.8008	298.0	30.6
4072.	588.1	-15.5	26.7	27.0	-15.8	92.	1.5351	1.2927	0.7964	298.0	30.3
4122.	584.2	-15.8	26.9	27.2	-16.1	92.	1.4956	1.2587	0.7921	298.0	31.1
4172.	580.4	-16.1	27.1	27.4	-16.4	92.	1.4619	1.2255	0.7878	298.0	31.6
4225.	576.3	-16.5	27.3	27.5	-16.8	92.	1.3938	1.1824	0.7834	298.0	31.9
4280.	572.1	-16.9	27.4	27.7	-17.1	92.	1.3613	1.1521	0.7789	298.0	32.2
4336.	568.1	-17.2	27.7	27.9	-17.4	92.	1.3335	1.1214	0.7743	298.0	32.6
4394.	564.2	-17.5	27.9	28.2	-17.7	92.	1.2857	1.0915	0.7699	299.0	33.0
4437.	560.2	-17.7	28.1	28.5	-17.9	92.	1.2607	1.0720	0.7650	299.0	33.1
4487.	556.5	-17.9	28.3	28.7	-18.1	92.	1.2331	1.0527	0.7606	299.0	33.1
4545.	552.0	-18.1	28.6	29.0	-18.3	92.	1.2159	1.0338	0.7562	299.0	32.8
4601.	547.9	-18.4	28.8	29.4	-18.6	92.	1.1939	1.0159	0.7524	299.0	32.7
4653.	544.0	-18.7	29.0	29.6	-18.8	92.	1.1694	0.9986	0.7484	299.0	32.6
4677.	542.3	-18.8	29.2	29.8	-19.1	92.	1.1477	0.9819	0.7443	300.0	32.7
4727.	538.4	-19.0	29.4	29.9	-19.2	92.	1.1285	0.9273	0.7406	300.0	32.9
4774.	534.4	-19.4	29.7	30.2	-19.9	92.	1.0948	0.8939	0.7371	300.0	33.1
4825.	531.9	-20.1	29.9	30.1	-20.1	100.	1.0294	0.8786	0.7331	300.0	33.2
4875.	528.5	-20.4	30.1	30.3	-20.4	100.	0.9967	0.8541	0.7293	301.0	33.3
4915.	525.3	-20.7	30.3	30.5	-20.7	100.	0.9678	0.8307	0.7257	301.0	33.4
4960.	522.1	-20.9	30.4	30.6	-20.9	100.	0.9433	0.8154	0.7218	302.0	33.9
5006.	518.9	-21.2	30.7	30.9	-21.3	99.	0.9126	0.7854	0.7182	302.0	34.2
5054.	515.8	-21.6	30.9	31.1	-21.7	99.	0.8792	0.7567	0.7146	302.0	34.5
5094.	513.7	-21.9	31.0	31.2	-21.9	100.	0.8615	0.7432	0.7116	302.0	34.7
5136.	509.8	-22.2	31.1	31.3	-22.2	100.	0.8366	0.7224	0.7084	302.0	35.1
5179.	506.8	-22.5	31.2	31.4	-22.6	99.	0.8043	0.6956	0.7051	303.0	35.4
5226.	504.0	-22.7	31.3	31.5	-23.0	98.	0.7731	0.6697	0.7020	303.0	35.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5260.	501.2	-23.2	31.3	31.5	-23.4	98.	0.7433	0.6449	0.6992	303.0	35.4
5301.	498.4	-23.5	31.4	31.6	-23.7	98.	0.7217	0.6269	0.6961	303.0	35.5
5343.	495.6	-23.7	31.7	31.8	-23.9	98.	0.7075	0.6151	0.6927	303.0	35.6
5382.	492.9	-24.1	31.7	31.8	-24.2	99.	0.6871	0.5980	0.6900	303.0	35.8
5425.	490.0	-24.4	31.8	32.0	-24.5	99.	0.6669	0.5811	0.6868	303.0	36.4
5467.	487.2	-24.6	32.1	32.2	-24.8	98.	0.6471	0.5646	0.6834	303.0	36.6
5510.	484.3	-24.8	32.3	32.5	-25.1	97.	0.6279	0.5485	0.6799	302.0	36.8
5558.	481.1	-25.1	32.6	32.7	-25.6	96.	0.6031	0.5277	0.6762	302.0	37.3
5607.	477.9	-25.6	32.5	32.7	-26.1	95.	0.5676	0.4979	0.6730	302.0	37.6
5654.	474.8	-25.7	33.0	33.1	-26.2	95.	0.5619	0.4931	0.6689	302.0	37.8
5701.	471.7	-26.0	33.2	33.3	-26.6	94.	0.5395	0.4742	0.6655	302.0	37.7
5746.	468.8	-26.3	33.3	33.5	-27.0	93.	0.5179	0.4559	0.6620	301.0	37.6
5801.	465.2	-26.6	33.6	33.6	-27.4	92.	0.4970	0.4382	0.6577	301.0	38.1
5859.	461.5	-27.0	33.8	34.0	-27.9	91.	0.4720	0.4171	0.6535	300.0	38.6
5909.	458.3	-27.4	33.9	34.1	-28.4	90.	0.4485	0.3969	0.6501	300.0	37.6
5956.	455.3	-27.7	34.1	34.3	-28.8	89.	0.4299	0.3813	0.6466	299.0	37.6
6002.	452.4	-28.0	34.3	34.4	-29.1	89.	0.4169	0.3702	0.6432	299.0	37.2
6045.	449.7	-28.2	34.6	34.7	-29.3	89.	0.4085	0.3630	0.6399	298.0	37.2
6090.	446.9	-28.5	34.8	34.9	-29.7	88.	0.3918	0.3486	0.6367	298.0	37.4
6133.	444.2	-28.7	35.1	35.2	-30.0	87.	0.3793	0.3381	0.6334	297.0	37.6
6173.	441.7	-29.0	35.2	35.3	-30.3	87.	0.3677	0.3282	0.6306	297.0	37.6
6214.	439.2	-29.4	35.2	35.3	-30.8	86.	0.3498	0.3119	0.6280	297.0	37.7
6256.	436.6	-29.7	35.3	35.4	-31.3	85.	0.3342	0.2994	0.6250	297.0	38.0
6299.	434.0	-30.1	35.5	35.4	-31.7	85.	0.3206	0.2876	0.6223	297.0	38.1
6343.	431.3	-30.4	35.5	35.6	-31.8	86.	0.3144	0.2823	0.6192	297.0	38.4
6386.	428.7	-30.7	35.7	35.7	-32.1	86.	0.3047	0.2739	0.6162	296.0	38.4
6429.	426.1	-30.9	35.5	36.0	-32.3	86.	0.2985	0.2684	0.6130	296.0	37.9
6471.	423.6	-31.2	36.1	36.2	-32.6	86.	0.2831	0.2604	0.6102	296.0	38.4
6514.	421.0	-31.6	36.1	36.2	-33.2	86.	0.2772	0.2501	0.6074	295.0	38.4
6559.	418.3	-31.9	36.3	36.4	-33.5	86.	0.2695	0.2426	0.6043	295.0	38.6
6607.	415.6	-32.1	36.6	36.7	-33.6	85.	0.2599	0.2351	0.6007	295.0	40.0
6651.	412.9	-32.5	36.7	36.7	-34.2	83.	0.2432	0.2206	0.5979	295.0	40.0
6695.	410.3	-32.9	36.7	36.8	-34.7	82.	0.2302	0.2093	0.5951	295.0	40.1
6738.	407.8	-33.3	36.7	36.8	-35.1	82.	0.2216	0.2009	0.5925	294.0	40.2
6780.	405.4	-33.6	36.9	36.9	-35.4	82.	0.2137	0.1948	0.5897	294.0	40.2
6820.	403.1	-33.9	37.0	37.0	-35.8	81.	0.2044	0.1866	0.5871	293.0	40.2
6858.	400.9	-34.2	37.1	37.1	-36.3	80.	0.1954	0.1788	0.5846	293.0	40.4
6901.	398.4	-34.4	37.4	37.4	-36.6	79.	0.1888	0.1730	0.5815	293.0	40.5
6942.	396.1	-34.7	37.5	37.6	-37.0	78.	0.1815	0.1656	0.5788	293.0	40.5
6981.	393.9	-35.1	37.5	37.5	-37.5	77.	0.1717	0.1569	0.5766	293.0	40.7
7020.	391.7	-35.4	37.6	37.6	-37.8	77.	0.1662	0.1521	0.5741	293.0	40.7
7057.	389.6	-35.8	37.8	37.8	-38.2	77.	0.1581	0.1456	0.5720	293.0	40.7
7102.	387.1	-36.1	37.7	37.9	-38.6	76.	0.1515	0.1395	0.5690	293.0	40.7
7143.	384.8	-36.4	37.8	37.9	-39.1	74.	0.1423	0.1318	0.5663	293.0	40.7
7184.	382.5	-36.7	38.0	38.0	-39.5	73.	0.1358	0.1260	0.5637	293.0	40.4
7228.	380.1	-36.9	38.3	38.3	-39.8	72.	0.1311	0.1217	0.5606	293.0	40.1
7272.	377.7	-37.1	38.6	38.6	-40.1	72.	0.1282	0.1192	0.5575	293.0	40.0
7314.	375.4	-37.3	38.9	38.9	-40.4	71.	0.1248	0.1161	0.5546	293.0	40.0
7354.	373.2	-37.6	39.0	39.0	-40.6	71.	0.1196	0.1115	0.5520	293.0	41.0
7391.	371.2	-37.8	39.1	39.1	-40.9	71.	0.1157	0.1080	0.5498	293.0	41.1
7432.	369.0	-38.0	39.1	39.1	-41.2	72.	0.1122	0.1049	0.5475	293.0	41.4
7475.	366.7	-38.3	39.2	39.3	-41.5	72.	0.1085	0.1015	0.5447	293.0	41.6
7518.	364.4	-38.5	39.4	39.4	-42.0	70.	0.1030	0.0956	0.5420	293.0	41.8
7558.	362.2	-38.7	39.5	39.7	-42.2	70.	0.0997	0.0936	0.5393	293.0	42.0
7599.	360.1	-38.9	39.6	39.7	-42.7	69.	0.0940	0.0884	0.5370	293.0	42.4
7639.	358.0	-40.0	39.6	39.8	-43.4	68.	0.0875	0.0826	0.5350	293.0	42.7
7683.	355.7	-40.2	39.8	39.9	-43.6	68.	0.0858	0.0808	0.5320	293.0	43.0
7726.	353.5	-40.4	39.9	40.0	-43.9	68.	0.0825	0.0773	0.5296	293.0	43.2
7769.	351.4	-40.6	40.0	40.1	-44.4	67.	0.0774	0.0729	0.5272	293.0	43.7
7809.	349.5	-41.1	40.2	40.3	-44.7	66.	0.0750	0.0711	0.5248	293.0	43.7
7845.	347.7	-41.4	40.3	40.4	-45.1	65.	0.0720	0.0685	0.5219	293.0	43.7
7885.	345.7	-41.6	40.7	40.7	-45.4	64.	0.0695	0.0661	0.5193	293.0	43.4
7922.	343.9	-41.7	40.9	41.0	-45.7	64.	0.0675	0.0646	0.5169	293.0	44.1
7961.	341.9	-42.0	41.0	41.1	-45.8	63.	0.0646	0.0618	0.5146	293.0	44.4
7997.	339.9	-42.2	41.1	41.1	-46.2	63.	0.0604	0.0580	0.5125	293.0	44.7
8035.	337.7	-42.7	41.1	41.1	-46.6	62.	0.0569	0.0547	0.5105	293.0	44.7
8077.	335.6	-43.0	41.2	41.2	-46.8	62.	0.0551	0.0530	0.5080	293.0	45.1
8117.	333.6	-43.4	41.2	41.2	-47.4	61.	0.0519	0.0499	0.5059	293.0	45.4
8153.	331.8	-43.7	41.2	41.2	-48.0	61.	0.0497	0.0484	0.5040	293.0	45.7
8192.	329.9	-44.1	41.1	41.1	-48.3	60.	0.0476	0.0459	0.5020	293.0	46.0
8228.	328.1	-44.4	41.1	41.2	-48.8	60.	0.0454	0.0439	0.5001	293.0	46.2
8271.	326.0	-44.7	41.2	41.2	-49.2	61.	0.0446	0.0431	0.4976	293.0	46.4
8314.	323.9	-45.1	41.3	41.3	-49.8	62.	0.0441	0.0434	0.4948	293.0	46.7
8356.	321.9	-45.4	41.4	41.4	-50.4	64.	0.0433	0.0417	0.4928	293.0	46.9
8397.	319.9	-46.1	41.5	41.5	-50.5	66.	0.0418	0.0409	0.4909	293.0	46.9
8441.	317.9	-46.4	41.6	41.6	-50.4	66.	0.0394	0.0393	0.4887	293.0	47.1
8460.	316.9	-46.7	41.6	41.7	-50.1	67.	0.0385	0.0379	0.4860	293.0	47.6
8518.	314.1	-47.0	41.7	41.7	-50.4	66.	0.0375	0.0365	0.4839	293.0	47.6
8559.	312.2	-47.3	41.7	41.8	-50.6	66.	0.0361	0.0357	0.4814	293.0	47.6
8601.	310.2	-47.6	42.1	42.1	-50.8	67.	0.0346	0.0344	0.4789	293.0	47.7
8645.	308.0	-47.8	42.3	42.3	-51.1	67.	0.0340	0.0338	0.4765	293.0	47.7
8688.	306.0	-48.1	42.5	42.5	-51.4	67.	0.0331	0.0330	0.4741	293.0	47.7
8721.	304.5	-48.3	42.7	42.7	-51.6	67.	0.0323	0.0322	0.4717	293.0	47.7
8782.	302.7	-48.6	42.9	42.9	-51.9	66.	0.0315	0.0314	0.4694	293.0	47.7
8823.	300.8	-48.7	43.2	43.2	-52.2	64.	0.0308	0.0291	0.4659	293.0	47.7
8865.	298.9	-48.9	43.4	43.4	-52.6	62.	0.0294	0.0277	0.4641	293.0	47.7
8884.	297.1	-49.0	44.0	44.0	-53.1	60.	0.0281	0.0267	0.4615	293.0	47.7
8924.	295.3	-49.1	44.3	44.3	-53.7	59.	0.0268	0.0256	0.4592	293.0	47.7
8964.	293.6	-49.4	44.6	44.6	-53.9	58.	0.0259	0.0248	0.4568	293.0	47.7
9004.	291.7	-49.4	45.0	45.0	-53.6	57.	0.0247	0.0237	0.4542	293.0	47.7
9045.	289.9	-49.5	45.4	45.4	-53.7	57.	0.0244	0.0234	0.4516	293.0	47.7
9088.	288.1	-49.6	45.8	45.8	-54.1	56.	0.0241	0.0230	0.4494	293.0	47.7
9124.	286.4	-50.0	46.1	46.1	-54.4	56.	0.0233	0.0223	0.4471	293.0	47.7
9161.	284.8	-50.0	46.1	46.1	-54.4	56.	0.0232	0.0221	0.4452	293.0	47.7
9200.	283.1	-50.1	46.1	46.1	-54.4	56.	0.0224	0.0214	0.4430	293.0	47.7
9241.	281.3	-50.7	46.4	46.4	-55.0	56.	0.0211	0.0204	0.4405	293.0	47.7
9285.	279.4	-50.6	46.7	46.7	-55.2	56.	0.0207	0.0200	0.4388	293.0	47.7
9327.	277.6	-51.1	47.0	47.0	-55.4	57.	0.0201	0.0195	0.4353	293.0	47.7
9370.	275.8	-51.4	47.1	47.1	-55.6	57.	0.0181	0.0176	0.4335	293.0	47.7
9407.	274.2	-51.4	47.1	47.1	-55.6	56.	0.0179	0.0174	0.4317	293.0	47.7
9450.	272.4	-51.6	47.1	47.1	-55.8	56.	0.0171	0.0166	0.4297	293.0	47.7
9493.	270.7	-52.7	47.1	47.1	-57.1	54.	0.0161	0.0157	0.4278	293.0	47.7
9528.	269.1	-53.1	47.1	47.1	-57.6	53.	0.0150	0.0145	0.4255	293.0	47.7
9565.	267.4	-53.1	47.4	47.4	-57.6	53.	0.0121	0.0117	0.4235	293.0	47.7
9610.	265.7	-53.4	47.4	47.4	-58.0	53.	0.0121	0.0117	0.4216	293.0	47.7
9654.	263.9	-54.1	47.3	47.3	-58.7	51.	0.0115	0.0111	0.4197	293.0	47.7
9693.	262.3	-54.4	47.4	47.4	-59.1	51.	0.0109	0.0105	0.4177	293.0	47.7
9732.	260.7	-54.7	47.4	47.4	-59.7	51.	0.0101	0.0098	0.4154	293.0	47.7
9771.	259.1	-55.2	47.4	47.4	-61.1	48.	0.0094	0.0090	0.4141	293.0	47.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9813.	257.4	-55.7	47.3	47.3	-61.4	47.	0.0090	0.0092	0.4124	299.0	57.9
9855.	256.7	-55.7	47.9	47.9	-61.4	47.	0.0090	0.0092	0.4096	300.0	58.2
9899.	254.1	-55.8	48.3	48.3	-61.3	48.	0.0091	0.0093	0.4073	300.0	58.7
9940.	252.4	-56.0	48.6	48.7	-61.6	47.	0.0087	0.0089	0.4048	300.0	59.2
9981.	250.6	-56.2	48.6	48.6	-62.2	45.	0.0080	0.0082	0.4026	300.0	59.6
10022.	248.9	-56.4	48.8	48.9	-62.7	44.	0.0075	0.0077	0.4004	300.0	60.1
10067.	247.3	-56.8	49.3	49.3	-63.0	43.	0.0071	0.0074	0.3982	301.0	60.5
10108.	245.7	-57.0	49.6	49.6	-63.2	43.	0.0069	0.0072	0.3960	301.0	61.0
10149.	244.1	-57.3	49.8	49.8	-63.7	42.	0.0065	0.0067	0.3943	301.0	61.4
10193.	242.4	-57.6	50.0	50.0	-64.0	42.	0.0063	0.0065	0.3918	301.0	61.9
10237.	240.7	-58.0	50.0	50.0	-64.7	40.	0.0057	0.0059	0.3897	301.0	62.2
10282.	239.0	-58.3	50.2	50.2	-65.1	39.	0.0053	0.0055	0.3875	301.0	62.4
10324.	237.4	-58.4	50.4	50.4	-65.4	39.	0.0051	0.0053	0.3855	301.0	62.6
10364.	235.8	-59.1	50.2	50.2	-66.1	38.	0.0046	0.0049	0.3839	301.0	62.7
10406.	234.3	-59.5	50.2	50.2	-66.4	38.	0.0044	0.0046	0.3820	301.0	62.8
10448.	232.7	-59.9	50.3	50.3	-67.0	37.	0.0041	0.0043	0.3801	301.0	62.9
10469.	231.2	-60.2	50.4	50.4	-67.3	37.	0.0039	0.0041	0.3782	301.0	63.0
10535.	228.7	-60.6	50.4	50.4	-67.7	37.	0.0037	0.0039	0.3765	301.0	63.0
10571.	227.2	-61.0	50.1	50.1	-68.2	37.	0.0036	0.0038	0.3751	300.0	62.9
10604.	225.8	-61.2	50.7	50.7	-68.5	37.	0.0035	0.0037	0.3728	300.0	62.5
10656.	223.3	-61.4	51.0	51.0	-68.8	39.	0.0035	0.0037	0.3707	300.0	62.0
10688.	222.0	-61.4	51.4	51.4	-68.6	40.	0.0035	0.0037	0.3685	300.0	61.5
10727.	220.5	-61.4	52.1	52.1	-67.7	41.	0.0037	0.0039	0.3660	300.0	60.9
10780.	218.1	-61.3	52.9	52.9	-67.6	41.	0.0037	0.0039	0.3636	299.0	60.3
10836.	215.7	-61.4	53.3	53.3	-67.7	41.	0.0037	0.0039	0.3614	299.0	59.6
10845.	214.2	-61.5	53.8	53.8	-68.0	40.	0.0035	0.0037	0.3591	299.0	59.0
10891.	212.7	-61.5	54.4	54.4	-68.0	40.	0.0035	0.0037	0.3567	298.0	58.4
10931.	211.3	-61.6	54.6	54.6	-67.9	40.	0.0041	0.0043	0.3527	298.0	58.1
10980.	209.4	-61.4	55.0	55.0	-67.6	37.	0.0043	0.0046	0.3481	297.0	57.4
11033.	207.1	-61.2	55.3	55.3	-67.4	33.	0.0040	0.0042	0.3449	297.0	57.1
11076.	205.3	-61.3	55.3	55.3	-67.5	29.	0.0036	0.0038	0.3419	296.0	56.7
11122.	203.4	-61.4	55.5	55.5	-68.5	26.	0.0033	0.0035	0.3395	295.0	56.6
11171.	201.7	-61.5	55.7	55.7	-69.0	24.	0.0030	0.0032	0.3369	295.0	56.4
11221.	200.0	-61.5	55.9	55.9	-70.2	22.	0.0027	0.0029	0.3352	295.0	56.3
11266.	198.3	-61.6	56.1	56.1	-71.2	20.	0.0024	0.0026	0.3333	294.0	56.0
11317.	196.4	-61.8	56.2	56.2	-71.8	19.	0.0022	0.0024	0.3311	294.0	55.7
11366.	194.9	-61.9	56.3	56.3	-72.5	18.	0.0019	0.0021	0.3293	293.0	55.6
11412.	193.4	-61.9	56.1	56.1	-73.2	17.	0.0017	0.0019	0.3274	293.0	55.5
11459.	191.8	-61.9	56.0	56.0	-74.5	15.	0.0013	0.0014	0.3259	292.0	55.2
11507.	190.2	-61.9	56.0	56.0	-74.7	14.	0.0013	0.0014	0.3233	292.0	55.1
11553.	188.6	-61.8	56.1	56.1	-75.0	13.	0.0012	0.0013	0.3208	292.0	54.9
11586.	187.4	-60.8	56.1	56.1	-75.3	12.	0.0011	0.0012	0.3181	292.0	54.6
11626.	186.2	-60.8	57.2	57.2	-75.6	11.	0.0010	0.0012	0.3157	292.0	54.3
11667.	184.9	-60.1	58.5	58.5	-75.8	11.	0.0011	0.0012	0.3128	291.0	53.9
11707.	183.7	-59.7	59.7	59.7	-76.2	9.	0.0010	0.0011	0.3102	291.0	53.6
11756.	182.0	-59.3	60.7	60.7	-76.1	9.	0.0010	0.0011	0.3077	291.0	53.2
11796.	180.7	-59.1	60.6	60.6	-77.2	8.	0.0009	0.0009	0.3063	291.0	52.9
11846.	179.0	-58.9	60.7	60.7	-77.6	8.	0.0009	0.0009	0.3047	291.0	52.6
11889.	177.8	-58.8	60.9	60.9	-77.8	8.	0.0009	0.0009	0.3032	291.0	52.4
11939.	176.3	-58.1	61.1	61.1	-78.1	7.	0.0008	0.0008	0.3016	290.0	51.9
11989.	174.8	-58.1	61.4	61.4	-78.4	7.	0.0007	0.0007	0.3002	290.0	51.6
12040.	173.2	-58.3	61.5	61.5	-78.7	6.	0.0006	0.0006	0.2980	290.0	51.3
12090.	171.8	-58.1	61.7	61.7	-79.1	6.	0.0006	0.0006	0.2960	290.0	51.1
12137.	170.4	-58.1	62.0	62.0	-79.4	5.	0.0005	0.0005	0.2937	290.0	50.8
12187.	168.8	-58.1	62.2	62.2	-79.8	5.	0.0005	0.0005	0.2919	290.0	50.5
12237.	167.3	-58.1	62.5	62.5	-80.1	5.	0.0004	0.0004	0.2901	290.0	50.2
12287.	165.8	-58.1	62.7	62.7	-80.4	4.	0.0004	0.0004	0.2883	289.0	49.9
12337.	164.3	-58.1	62.9	62.9	-80.7	4.	0.0003	0.0003	0.2863	289.0	49.6
12387.	162.8	-58.1	63.2	63.2	-81.1	3.	0.0003	0.0003	0.2842	289.0	49.3
12437.	161.3	-58.1	63.4	63.4	-81.4	3.	0.0002	0.0002	0.2818	288.0	49.0
12487.	159.8	-58.1	63.7	63.7	-81.8	2.	0.0002	0.0002	0.2796	288.0	48.7
12537.	158.3	-58.1	63.9	63.9	-82.1	2.	0.0002	0.0002	0.2774	288.0	48.4
12587.	156.8	-58.1	64.2	64.2	-82.5	2.	0.0001	0.0001	0.2760	288.0	48.1
12637.	155.3	-58.1	64.4	64.4	-82.8	1.	0.0001	0.0001	0.2745	287.0	47.8
12687.	153.8	-58.1	64.7	64.7	-83.2	1.	0.0001	0.0001	0.2731	287.0	47.6
12737.	152.3	-58.1	64.9	64.9	-83.5	1.	0.0001	0.0001	0.2715	287.0	47.3
12787.	150.8	-58.1	65.2	65.2	-83.9	1.	0.0001	0.0001	0.2701	287.0	47.0
12837.	149.3	-58.1	65.4	65.4	-84.2	1.	0.0001	0.0001	0.2684	287.0	46.7
12887.	147.8	-58.1	65.7	65.7	-84.6	1.	0.0001	0.0001	0.2668	287.0	46.4
12937.	146.3	-58.1	65.9	65.9	-84.9	1.	0.0001	0.0001	0.2648	287.0	46.1
12987.	144.8	-58.1	66.2	66.2	-85.3	1.	0.0001	0.0001	0.2632	286.0	45.8
13037.	143.3	-58.1	66.4	66.4	-85.6	1.	0.0001	0.0001	0.2617	286.0	45.5
13087.	141.8	-58.1	66.7	66.7	-86.0	1.	0.0001	0.0001	0.2600	286.0	45.2
13137.	140.3	-58.1	66.9	66.9	-86.3	1.	0.0001	0.0001	0.2580	286.0	44.9
13187.	138.8	-58.1	67.2	67.2	-86.7	1.	0.0001	0.0001	0.2567	286.0	44.6
13237.	137.3	-58.1	67.4	67.4	-87.0	1.	0.0001	0.0001	0.2551	285.0	44.3
13287.	135.8	-58.1	67.7	67.7	-87.4	1.	0.0001	0.0001	0.2533	285.0	44.0
13337.	134.3	-58.1	67.9	67.9	-87.7	1.	0.0001	0.0001	0.2516	285.0	43.7
13387.	132.8	-58.1	68.2	68.2	-88.1	1.	0.0001	0.0001	0.2496	285.0	43.4
13437.	131.3	-58.1	68.4	68.4	-88.4	1.	0.0001	0.0001	0.2476	284.0	43.1
13487.	129.8	-58.1	68.7	68.7	-88.8	1.	0.0001	0.0001	0.2456	284.0	42.8
13537.	128.3	-58.1	68.9	68.9	-89.1	1.	0.0001	0.0001	0.2434	284.0	42.5
13587.	126.8	-58.1	69.2	69.2	-89.5	1.	0.0001	0.0001	0.2411	284.0	42.2
13637.	125.3	-58.1	69.4	69.4	-89.8	1.	0.0001	0.0001	0.2397	284.0	41.9
13687.	123.8	-58.1	69.7	69.7	-90.2	1.	0.0001	0.0001	0.2384	283.0	41.6
13737.	122.3	-58.1	69.9	69.9	-90.5	1.	0.0001	0.0001	0.2368	283.0	41.3
13787.	120.8	-58.1	70.2	70.2	-90.9	1.	0.0001	0.0001	0.2355	283.0	41.0
13837.	119.3	-58.1	70.4	70.4	-91.2	1.	0.0001	0.0001	0.2339	283.0	40.7
13887.	117.8	-58.1	70.7	70.7	-91.6	1.	0.0001	0.0001	0.2324	282.0	40.4
13937.	116.3	-58.1	70.9	70.9	-91.9	1.	0.0001	0.0001	0.2308	282.0	40.1
13987.	114.8	-58.1	71.2	71.2	-92.3	1.	0.0001	0.0001	0.2293	282.0	39.8
14037.	113.3	-58.1	71.4	71.4	-92.6	1.	0.0001	0.0001	0.2276	282.0	39.5
14087.	111.8	-58.1	71.7	71.7	-93.0	1.	0.0001	0.0001	0.2259	281.0	39.2
14137.	110.3	-58.1	71.9	71.9	-93.3	1.	0.0001	0.0001	0.2244	281.0	38.9
14187.	108.8	-58.1	72.2	72.2	-93.7	1.	0.0001	0.0001	0.2229	281.0	38.6
14237.	107.3	-58.1	72.4	72.4	-94.0	1.	0.0001	0.0001	0.2213	281.0	38.3
14287.	105.8	-58.1	72.7	72.7	-94.4	1.	0.0001	0.0001	0.2198	281.0	38.0
14337.	104.3	-58.1	72.9	72.9	-94.7	1.	0.0001	0.0001	0.2186	280.0	37.7
14387.	102.8	-58.1	73.2	73.2	-95.1	1.	0.0001	0.0001	0.2171	280.0	37.4
14437.	101.3	-58.1	73.4	73.4	-95.4	1.	0.0001	0.0001	0.2158	280.0	37.1
14487.	99.8	-58.1	73.7	73.7	-95.8	1.	0.0001	0.0001	0.2145	280.0	36.8
14537.	98.3	-58.1	73.9	73.9	-96.1	1.	0.0001	0.0001	0.2131	279.0	36.5
14587.	96.8	-58.1	74.2	74.2	-96.5	1.	0.0001	0.0001	0.2116	279.0	36.2
14637.	95.3	-58.1	74.4	74.4	-96.8	1.	0.0001	0.0001	0.2103	279.0	35.9
14687.	93.8	-58.1	74.7	74.7	-97.2	1.	0.0001	0.0001	0.2089	279.0	35.6
14737.	92.3	-58.1	74.9	74.9	-97.5	1.	0.0001	0.0001	0.2076	278.0	35.3
14787.	90.8	-58.1	75.2	75.2	-97.9	1.	0.0001	0.0001	0.2062	278.0	35.0
14837.	89.3	-58.1	75.4	75.4	-98.2	1.	0.0001	0.0001	0.2049	278.0	34.7
14887.	87.8	-58.1	75.7	75.7	-98.6	1.	0.0001	0.0001	0.2037	278.0	34.4
14937.	86.3	-58.1	75.9	75.9	-98.9	1.	0.0001	0.0001	0.2024	277.0	34.1
14987.	84.8	-58.1	76.2	76.2	-99.3	1.	0.0001	0.0001	0.2011	277.0	33.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14385.	123.9	-60.6	113.1	113.1	-89.8	1.	0.0001	0.0001	0.2024	281.0	44.2
14426.	122.7	-60.6	113.8	113.8	-89.8	1.	0.0001	0.0001	0.2011	282.0	44.4
14471.	121.4	-60.6	114.7	114.7	-89.8	1.	0.0001	0.0001	0.1996	281.0	44.3
14512.	121.0	-60.6	115.4	115.4	-89.8	1.	0.0001	0.0001	0.1983	282.0	44.0
14553.	120.2	-60.6	116.1	116.1	-89.8	1.	0.0001	0.0001	0.1970	281.0	43.8
14595.	119.4	-60.6	116.9	116.9	-89.8	1.	0.0001	0.0001	0.1957	281.0	43.5
14637.	118.6	-60.6	117.6	117.6	-89.8	1.	0.0001	0.0001	0.1944	281.0	43.1
14674.	117.9	-60.5	118.5	118.5	-89.7	1.	0.0001	0.0001	0.1931	281.0	42.8
14716.	117.1	-60.4	119.4	119.4	-89.6	1.	0.0001	0.0001	0.1917	281.0	42.6
14756.	116.3	-60.3	120.4	120.4	-89.5	1.	0.0001	0.0001	0.1903	280.0	42.1
14801.	115.5	-60.4	121.1	121.1	-89.6	1.	0.0001	0.0001	0.1891	280.0	41.8
14845.	114.7	-60.5	121.8	121.8	-89.7	1.	0.0001	0.0001	0.1879	280.0	41.5
14885.	114.0	-60.5	122.2	122.2	-89.7	1.	0.0001	0.0001	0.1868	280.0	41.3
14926.	113.2	-60.4	123.2	123.2	-89.6	1.	0.0001	0.0001	0.1854	280.0	41.2
14971.	112.4	-60.1	124.1	124.1	-89.4	1.	0.0001	0.0001	0.1838	279.0	41.1
15010.	111.7	-59.8	125.9	125.9	-89.2	1.	0.0001	0.0001	0.1824	279.0	40.8
15054.	110.9	-59.7	126.5	126.5	-89.1	1.	0.0001	0.0001	0.1810	279.0	40.7
15100.	110.1	-59.4	127.5	127.5	-89.2	1.	0.0001	0.0001	0.1798	279.0	40.8
15139.	109.4	-59.7	128.4	128.4	-89.1	1.	0.0001	0.0001	0.1785	279.0	40.8
15185.	108.6	-59.6	129.5	129.5	-89.0	1.	0.0001	0.0001	0.1772	279.0	40.8
15231.	107.8	-59.3	130.4	130.4	-88.8	1.	0.0001	0.0001	0.1756	279.0	40.9
15272.	107.1	-59.1	132.0	132.0	-88.6	1.	0.0001	0.0001	0.1743	279.0	40.9
15319.	106.3	-58.9	133.3	133.3	-88.5	1.	0.0001	0.0001	0.1728	279.0	41.0
15360.	105.6	-58.7	134.4	134.4	-88.3	1.	0.0001	0.0002	0.1715	279.0	41.1
15406.	104.9	-58.4	135.6	135.6	-88.1	1.	0.0001	0.0002	0.1702	279.0	41.4
15450.	104.1	-58.2	137.0	137.0	-88.0	1.	0.0001	0.0002	0.1687	279.0	41.2
15493.	103.4	-58.0	138.2	138.2	-87.8	1.	0.0001	0.0002	0.1674	279.0	41.3
15542.	102.6	-57.8	139.5	139.5	-87.7	1.	0.0001	0.0002	0.1660	279.0	41.2
15585.	101.9	-57.6	140.3	140.3	-87.7	1.	0.0001	0.0002	0.1648	278.0	41.2
15628.	101.2	-57.6	140.9	140.9	-87.8	1.	0.0001	0.0002	0.1638	278.0	41.1
15672.	100.5	-58.1	141.4	141.4	-87.9	1.	0.0001	0.0002	0.1628	278.0	41.1
15719.	99.8	-57.9	142.6	142.6	-87.8	1.	0.0001	0.0002	0.1615	277.0	40.9
15762.	99.1	-57.7	143.6	143.6	-87.7	1.	0.0001	0.0002	0.1603	277.0	40.9
15809.	98.4	-57.7	144.5	144.5	-87.8	1.	0.0001	0.0002	0.1593	276.0	40.8
15849.	97.7	-58.0	144.9	144.9	-87.8	1.	0.0001	0.0002	0.1582	276.0	40.7
15894.	97.0	-58.0	145.8	145.8	-87.8	1.	0.0001	0.0002	0.1571	275.0	40.6
15934.	96.4	-58.1	146.3	146.3	-87.9	1.	0.0001	0.0002	0.1562	274.0	40.5
15979.	95.7	-58.4	147.0	147.0	-88.0	1.	0.0001	0.0002	0.1551	274.0	40.4
16024.	95.1	-58.3	147.6	147.6	-88.0	1.	0.0001	0.0002	0.1542	273.0	40.2
16066.	94.4	-58.4	148.3	148.3	-88.1	1.	0.0001	0.0002	0.1531	273.0	40.2
16112.	93.7	-58.4	149.2	149.2	-88.1	1.	0.0001	0.0002	0.1520	273.0	40.2
16158.	93.1	-58.5	150.1	150.1	-88.0	1.	0.0001	0.0002	0.1510	273.0	40.3
16200.	92.4	-58.5	151.1	151.1	-88.0	1.	0.0001	0.0002	0.1498	272.0	40.2
16241.	91.8	-58.5	151.4	151.4	-88.2	1.	0.0001	0.0002	0.1490	272.0	40.3
16284.	91.2	-58.6	151.8	151.8	-88.4	1.	0.0001	0.0001	0.1482	272.0	40.3
16335.	90.5	-58.7	153.4	153.4	-88.6	1.	0.0001	0.0002	0.1467	272.0	40.3
16374.	89.9	-57.8	155.4	155.4	-87.7	1.	0.0001	0.0002	0.1454	272.0	40.2
16414.	89.3	-57.5	156.2	156.2	-87.5	1.	0.0001	0.0002	0.1443	273.0	40.2
16457.	88.7	-57.5	157.2	157.2	-87.5	1.	0.0001	0.0002	0.1432	273.0	40.1
16497.	88.0	-57.6	158.2	158.2	-87.7	1.	0.0001	0.0002	0.1420	273.0	40.0
16538.	87.4	-57.8	159.2	159.2	-87.9	1.	0.0001	0.0002	0.1410	274.0	39.9
16579.	86.8	-57.1	161.1	161.1	-87.2	1.	0.0001	0.0002	0.1400	274.0	39.9
16637.	86.2	-56.9	162.4	162.4	-87.0	1.	0.0001	0.0002	0.1389	274.0	39.7
16681.	85.5	-56.7	163.8	163.8	-86.9	1.	0.0001	0.0002	0.1376	274.0	39.6
16735.	84.8	-57.1	163.6	163.6	-87.2	1.	0.0001	0.0002	0.1369	275.0	39.5
16778.	84.3	-57.3	163.8	163.8	-87.5	1.	0.0001	0.0002	0.1362	275.0	39.4
16823.	83.7	-57.5	164.2	164.2	-87.7	1.	0.0001	0.0002	0.1354	275.0	39.3
16872.	83.0	-57.8	164.7	164.7	-87.8	1.	0.0001	0.0002	0.1344	275.0	39.2
16922.	82.4	-57.9	165.5	165.5	-87.9	1.	0.0001	0.0002	0.1335	275.0	39.2
16967.	81.9	-58.1	166.3	166.3	-88.0	1.	0.0001	0.0002	0.1326	275.0	39.2
17014.	81.3	-58.1	167.1	167.1	-88.0	1.	0.0001	0.0002	0.1317	275.0	39.2
17059.	80.7	-58.1	167.7	167.7	-88.0	1.	0.0001	0.0002	0.1308	275.0	39.2
17107.	80.1	-58.2	168.7	168.7	-88.2	1.	0.0001	0.0002	0.1299	275.0	39.2
17147.	79.5	-58.4	169.4	169.4	-88.4	1.	0.0001	0.0002	0.1290	274.0	39.3
17194.	79.0	-57.9	170.1	170.1	-87.9	1.	0.0001	0.0002	0.1275	274.0	39.3
17244.	78.5	-57.8	171.0	171.0	-87.9	1.	0.0001	0.0002	0.1261	274.0	39.5
17286.	78.0	-57.8	171.8	171.8	-87.9	1.	0.0001	0.0002	0.1253	273.0	39.5
17334.	77.5	-57.6	172.4	172.4	-87.7	1.	0.0001	0.0002	0.1244	273.0	39.6
17373.	76.7	-57.1	173.7	173.7	-87.2	1.	0.0001	0.0002	0.1237	273.0	39.8
17414.	76.2	-57.4	174.2	174.2	-87.4	1.	0.0001	0.0002	0.1230	273.0	40.0
17454.	75.6	-57.7	174.9	174.9	-87.6	1.	0.0001	0.0002	0.1222	273.0	40.0
17496.	75.1	-57.7	175.6	175.6	-87.8	1.	0.0001	0.0002	0.1215	272.0	40.3
17536.	74.5	-57.6	176.4	176.4	-87.8	1.	0.0001	0.0002	0.1207	272.0	40.5
17578.	74.0	-57.6	176.9	176.9	-87.8	1.	0.0001	0.0002	0.1198	272.0	40.7
17620.	73.4	-57.6	177.7	177.7	-87.8	1.	0.0001	0.0002	0.1188	272.0	40.9
17665.	72.8	-57.7	178.4	178.4	-87.9	1.	0.0001	0.0002	0.1179	272.0	41.0
17709.	72.3	-57.8	179.1	179.1	-87.9	1.	0.0001	0.0002	0.1170	271.0	41.1
17753.	71.8	-57.8	179.8	179.8	-87.9	1.	0.0001	0.0002	0.1160	272.0	41.2
17797.	71.3	-57.8	180.4	180.4	-87.9	1.	0.0001	0.0002	0.1149	272.0	41.2
17841.	70.8	-57.8	181.1	181.1	-87.9	1.	0.0001	0.0002	0.1139	272.0	41.3
17887.	70.3	-57.8	181.9	181.9	-87.9	1.	0.0001	0.0002	0.1129	272.0	41.2
17934.	69.8	-57.8	182.6	182.6	-87.9	1.	0.0001	0.0002	0.1119	272.0	41.1
17981.	69.3	-57.8	183.4	183.4	-87.9	1.	0.0001	0.0002	0.1108	272.0	41.2
18027.	68.8	-57.8	184.1	184.1	-87.9	1.	0.0001	0.0002	0.1102	272.0	41.5
18074.	68.3	-57.8	184.9	184.9	-87.9	1.	0.0001	0.0002	0.1094	273.0	41.7
18121.	67.8	-57.8	185.6	185.6	-87.9	1.	0.0001	0.0002	0.1086	273.0	41.4
18167.	67.3	-57.8	186.4	186.4	-87.9	1.	0.0001	0.0002	0.1081	273.0	41.2
18214.	66.8	-57.8	187.1	187.1	-87.9	1.	0.0001	0.0002	0.1072	273.0	41.0
18261.	66.3	-57.8	187.9	187.9	-87.9	1.	0.0001	0.0002	0.1060	273.0	39.7
18307.	65.8	-57.8	188.6	188.6	-87.9	1.	0.0001	0.0002	0.1051	273.0	39.5
18354.	65.3	-57.8	189.4	189.4	-87.9	1.	0.0001	0.0002	0.1044	273.0	39.4
18401.	64.8	-57.8	190.1	190.1	-87.9	1.	0.0001	0.0002	0.1036	273.0	39.6
18447.	64.3	-57.8	190.9	190.9	-87.9	1.	0.0001	0.0002	0.1032	272.0	39.7
18494.	63.8	-57.8	191.6	191.6	-87.9	1.	0.0001	0.0002	0.1027	272.0	39.9
18541.	63.3	-57.8	192.4	192.4	-87.9	1.	0.0001	0.0002	0.1020	272.0	40.1
18587.	62.8	-57.8	193.1	193.1	-87.9	1.	0.0001	0.0002	0.1015	272.0	40.2
18634.	62.3	-57.8	193.9	193.9	-87.9	1.	0.0001	0.0002	0.1009	271.0	40.3
18681.	61.8	-57.8	194.6	194.6	-87.9	1.	0.0001	0.0002	0.1001	271.0	40.4
18727.	61.3	-57.8	195.4	195.4	-87.9	1.	0.0001	0.0002	0.0992	271.0	40.5
18774.	60.8	-57.8	196.1	196.1	-87.9	1.	0.0001	0.0002	0.0985	271.0	40.5
18821.	60.3	-57.8	196.9	196.9	-87.9	1.	0.0001	0.0002	0.0978	270.0	40.4
18867.	59.8	-57.8	197.6	197.6	-87.9	1.	0.0001	0.0002	0.0969	271.0	40.4
18914.	59.3	-57.8	198.4	198.4	-87.9	1.	0.0001	0.0002	0.0962	271.0	40.4
18961.	58.8	-57.8	199.1	199.1	-87.9	1.	0.0001	0.0002	0.0955	270.0	40.4
19007.	58.3	-57.8	199.9	199.9	-87.9	1.	0.0001	0.0002	0.0946	270.0	40.7
19054.	57.8	-57.8	200.6	200.6	-87.9	1.	0.0001	0.0002	0.0937	270.0	40.8
19101.	57.3	-57.8	201.4	201.4	-87.9	1.	0.0001	0.0002	0.0930	270.0	41.0
19147.	56.8	-57.8	202.1	202.1	-87.9	1.	0.0001	0.0002	0.0921	271.0	40.9
19194.	56.3	-57.8	202.9	202.9	-87.9	1.	0.0001	0.0002	0.0914	271.0	41.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14037.	57.0	-39.-	24.0	24.1	-44.5	1.	.0	0.0001	1.0300	271.	41.
14227.	56.8	-39.-	24.0	24.1	-44.5	1.	.0	0.0001	1.0300	271.	41.
14337.	56.5	-39.-	24.1	24.1	-44.5	1.	.0	0.0001	1.0292	271.	41.
14527.	56.3	-39.-	24.1	24.1	-44.5	1.	.0	0.0001	1.0285	271.	41.
14717.	56.0	-39.-	24.1	24.1	-44.5	1.	.0	0.0001	1.0278	271.	41.
14907.	55.8	-39.-	24.1	24.1	-44.5	1.	.0	0.0001	1.0270	271.	41.
15097.	55.5	-39.-	24.1	24.1	-44.5	1.	.0	0.0001	1.0263	271.	41.
15287.	55.3	-39.-	24.1	24.1	-44.5	1.	.0	0.0001	1.0256	271.	41.
15477.	55.1	-39.1	24.1	24.1	-44.5	1.	.0	0.0001	1.0249	271.	41.
15524.	54.7	-39.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0247	271.	41.
15571.	54.6	-39.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0245	271.	41.
15619.	54.4	-39.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0243	271.	41.
15667.	54.3	-39.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0241	271.	41.
15715.	54.1	-39.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0239	271.	41.
15764.	54.0	-39.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0237	271.	41.
15813.	53.8	-39.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0235	271.	41.
15862.	53.7	-39.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0233	271.	41.
15911.	53.5	-39.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0231	271.	41.
15960.	53.4	-39.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0229	271.	41.
16010.	53.2	-39.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0227	271.	41.
16059.	53.1	-39.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0225	271.	41.
16109.	52.9	-39.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0223	271.	41.
16159.	52.8	-39.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0221	271.	41.
16209.	52.6	-39.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0219	271.	41.
16259.	52.5	-39.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0217	271.	41.
16309.	52.3	-39.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0215	271.	41.
16359.	52.2	-39.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0213	271.	41.
16410.	52.0	-39.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0211	271.	41.
16460.	51.9	-39.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0209	271.	41.
16511.	51.7	-39.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0207	271.	41.
16562.	51.6	-39.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0205	271.	41.
16613.	51.4	-39.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0203	271.	41.
16663.	51.3	-39.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0201	271.	41.
16714.	51.1	-39.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0199	271.	41.
16765.	51.0	-39.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0197	271.	41.
16816.	50.8	-39.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0195	271.	41.
16867.	50.7	-39.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0193	271.	41.
16918.	50.5	-39.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0191	271.	41.
16969.	50.4	-39.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0189	271.	41.
17020.	50.2	-40.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0187	271.	41.
17071.	50.1	-40.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0185	271.	41.
17122.	49.9	-40.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0183	271.	41.
17173.	49.8	-40.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0181	271.	41.
17224.	49.6	-40.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0179	271.	41.
17275.	49.5	-40.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0177	271.	41.
17326.	49.3	-40.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0175	271.	41.
17377.	49.2	-40.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0173	271.	41.
17428.	49.0	-40.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0171	271.	41.
17479.	48.9	-40.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0169	271.	41.
17530.	48.7	-40.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0167	271.	41.
17581.	48.6	-40.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0165	271.	41.
17632.	48.4	-40.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0163	271.	41.
17683.	48.3	-40.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0161	271.	41.
17734.	48.1	-40.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0159	271.	41.
17785.	48.0	-40.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0157	271.	41.
17836.	47.8	-40.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0155	271.	41.
17887.	47.7	-40.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0153	271.	41.
17938.	47.5	-40.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0151	271.	41.
17989.	47.4	-40.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0149	271.	41.
18040.	47.2	-40.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0147	271.	41.
18091.	47.1	-40.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0145	271.	41.
18142.	46.9	-40.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0143	271.	41.
18193.	46.8	-40.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0141	271.	41.
18244.	46.6	-40.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0139	271.	41.
18295.	46.5	-40.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0137	271.	41.
18346.	46.3	-40.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0135	271.	41.
18397.	46.2	-40.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0133	271.	41.
18448.	46.0	-40.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0131	271.	41.
18499.	45.9	-40.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0129	271.	41.
18550.	45.7	-40.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0127	271.	41.
18601.	45.6	-40.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0125	271.	41.
18652.	45.4	-40.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0123	271.	41.
18703.	45.3	-40.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0121	271.	41.
18754.	45.1	-40.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0119	271.	41.
18805.	45.0	-40.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0117	271.	41.
18856.	44.8	-41.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0115	271.	41.
18907.	44.7	-41.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0113	271.	41.
18958.	44.5	-41.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0111	271.	41.
19009.	44.4	-41.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0109	271.	41.
19060.	44.2	-41.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0107	271.	41.
19111.	44.1	-41.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0105	271.	41.
19162.	43.9	-41.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0103	271.	41.
19213.	43.8	-41.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0101	271.	41.
19264.	43.6	-41.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0099	271.	41.
19315.	43.5	-41.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0097	271.	41.
19366.	43.3	-41.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0095	271.	41.
19417.	43.2	-41.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0093	271.	41.
19468.	43.0	-41.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0091	271.	41.
19519.	42.9	-41.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0089	271.	41.
19570.	42.7	-41.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0087	271.	41.
19621.	42.6	-41.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0085	271.	41.
19672.	42.4	-41.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0083	271.	41.
19723.	42.3	-41.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0081	271.	41.
19774.	42.1	-41.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0079	271.	41.
19825.	42.0	-41.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0077	271.	41.
19876.	41.8	-41.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0075	271.	41.
19927.	41.7	-41.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0073	271.	41.
19978.	41.5	-41.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0071	271.	41.
20029.	41.4	-41.5	24.1	24.1	-44.6	1.	.0	0.0001	1.0069	271.	41.
20080.	41.2	-41.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0067	271.	41.
20131.	41.1	-41.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0065	271.	41.
20182.	40.9	-41.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0063	271.	41.
20233.	40.8	-41.6	24.1	24.1	-44.6	1.	.0	0.0001	1.0061	271.	41.
20284.	40.6	-41.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0059	271.	41.
20335.	40.5	-41.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0057	271.	41.
20386.	40.3	-41.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0055	271.	41.
20437.	40.2	-41.7	24.1	24.1	-44.6	1.	.0	0.0001	1.0053	271.	41.
20488.	40.0	-41.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0051	271.	41.
20539.	39.9	-41.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0049	271.	41.
20590.	39.7	-41.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0047	271.	41.
20641.	39.6	-41.8	24.1	24.1	-44.6	1.	.0	0.0001	1.0045	271.	41.
20692.	39.4	-41.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0043	271.	41.
20743.	39.3	-41.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0041	271.	41.
20794.	39.1	-41.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0039	271.	41.
20845.	39.0	-41.9	24.1	24.1	-44.6	1.	.0	0.0001	1.0037	271.	41.
20896.	38.8	-42.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0035	271.	41.
20947.	38.7	-42.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0033	271.	41.
20998.	38.5	-42.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0031	271.	41.
21049.	38.4	-42.0	24.1	24.1	-44.6	1.	.0	0.0001	1.0029	271.	41.
21100.	38.2	-42.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0027	271.	41.
21151.	38.1	-42.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0025	271.	41.
21202.	37.9	-42.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0023	271.	41.
21253.	37.8	-42.1	24.1	24.1	-44.6	1.	.0	0.0001	1.0021	271.	41.
21304.	37.6	-42.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0019	271.	41.
21355.	37.5	-42.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0017	271.	41.
21406.	37.3	-42.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0015	271.	41.
21457.	37.2	-42.2	24.1	24.1	-44.6	1.	.0	0.0001	1.0013	271.	41.
21508.	37.0	-42.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0011	271.	41.
21559.	36.9	-42.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0009	271.	41.
21610.	36.7	-42.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0007	271.	41.
21661.	36.6	-42.3	24.1	24.1	-44.6	1.	.0	0.0001	1.0005	271.	41.
21712.	36.4	-42.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0003	271.	41.
21763.	36.3	-42.4	24.1	24.1	-44.6	1.	.0	0.0001	1.0001	271.	41.
21814.	36.1	-42.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9999	271.	41.
21865.	36.0	-42.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9997	271.	41.
21916.	35.8	-42.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9995	271.	41.
21967.	35.7	-42.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9993	271.	41.
22018.	35.5	-42.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9991	271.	41.
22069.	35.4	-42.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9989	271.	41.
22120.	35.2	-42.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9987	271.	41.
22171.	35.1	-42.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9985	271.	41.
22222.	34.9	-42.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9983	271.	41.
22273.	34.8	-42.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9981	271.	41.
22324.	34.6	-42.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9979	271.	41.
22375.	34.5	-42.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9977	271.	41.
22426.	34.3	-42.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9975	271.	41.
22477.	34.2	-42.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9973	271.	41.
22528.	34.0	-42.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9971	271.	41.
22579.	33.9	-42.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9969	271.	41.
22630.	33.7	-42.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9967	271.	41.
22681.	33.6	-42.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9965	271.	41.
22732.	33.4	-42.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9963	271.	41.
22783.	33.3	-42.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9961	271.	41.
22834.	33.1	-42.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9959	271.	41.
22885.	33.0	-42.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9957	271.	41.
22936.	32.8	-43.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9955	271.	41.
22987.	32.7	-43.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9953	271.	41.
23038.	32.5	-43.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9951	271.	41.
23089.	32.4	-43.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9949	271.	41.
23140.	32.2	-43.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9947	271.	41.
23191.	32.1	-43.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9945	271.	41.
23242.	31.9	-43.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9943	271.	41.
23293.	31.8	-43.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9941	271.	41.
23344.	31.6	-43.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9939	271.	41.
23395.	31.5	-43.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9937	271.	41.
23446.	31.3	-43.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9935	271.	41.
23497.	31.2	-43.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9933	271.	41.
23548.	31.0	-43.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9931	271.	41.
23599.	30.9	-43.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9929	271.	41.
23650.	30.7	-43.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9927	271.	41.
23701.	30.6	-43.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9925	271.	41.
23752.	30.4	-43.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9923	271.	41.
23803.	30.3	-43.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9921	271.	41.
23854.	30.1	-43.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9919	271.	41.
23905.	30.0	-43.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9917	271.	41.
23956.	29.8	-43.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9915	271.	41.
24007.	29.7	-43.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9913	271.	41.
24058.	29.5	-43.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9911	271.	41.
24109.	29.4	-43.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9909	271.	41.
24160.	29.2	-43.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9907	271.	41.
24211.	29.1	-43.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9905	271.	41.
24262.	28.9	-43.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9903	271.	41.
24313.	28.8	-43.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9901	271.	41.
24364.	28.6	-43.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9899	271.	41.
24415.	28.5	-43.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9897	271.	41.
24466.	28.3	-43.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9895	271.	41.
24517.	28.2	-43.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9893	271.	41.
24568.	28.0	-43.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9891	271.	41.
24619.	27.9	-43.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9889	271.	41.
24670.	27.7	-43.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9887	271.	41.
24721.	27.6	-43.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9885	271.	41.
24772.	27.4	-43.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9883	271.	41.
24823.	27.3	-43.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9881	271.	41.
24874.	27.1	-43.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9879	271.	41.
24925.	27.0	-43.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9877	271.	41.
24976.	26.8	-44.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9875	271.	41.
25027.	26.7	-44.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9873	271.	41.
25078.	26.5	-44.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9871	271.	41.
25129.	26.4	-44.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9869	271.	41.
25180.	26.2	-44.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9867	271.	41.
25231.	26.1	-44.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9865	271.	41.
25282.	25.9	-44.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9863	271.	41.
25333.	25.8	-44.1	24.1	24.1	-44.6	1.	.0	0.0001	0.9861	271.	41.
25384.	25.6	-44.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9859	271.	41.
25435.	25.5	-44.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9857	271.	41.
25486.	25.3	-44.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9855	271.	41.
25537.	25.2	-44.2	24.1	24.1	-44.6	1.	.0	0.0001	0.9853	271.	41.
25588.	25.0	-44.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9851	271.	41.
25639.	24.9	-44.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9849	271.	41.
25690.	24.7	-44.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9847	271.	41.
25741.	24.6	-44.3	24.1	24.1	-44.6	1.	.0	0.0001	0.9845	271.	41.
25792.	24.4	-44.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9843	271.	41.
25843.	24.3	-44.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9841	271.	41.
25894.	24.1	-44.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9839	271.	41.
25945.	24.0	-44.4	24.1	24.1	-44.6	1.	.0	0.0001	0.9837	271.	41.
25996.	23.8	-44.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9835	271.	41.
26047.	23.7	-44.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9833	271.	41.
26098.	23.5	-44.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9831	271.	41.
26149.	23.4	-44.5	24.1	24.1	-44.6	1.	.0	0.0001	0.9829	271.	41.
26200.	23.2	-44.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9827	271.	41.
26251.	23.1	-44.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9825	271.	41.
26302.	22.9	-44.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9823	271.	41.
26353.	22.8	-44.6	24.1	24.1	-44.6	1.	.0	0.0001	0.9821	271.	41.
26404.	22.6	-44.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9819	271.	41.
26455.	22.5	-44.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9817	271.	41.
26506.	22.3	-44.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9815	271.	41.
26557.	22.2	-44.7	24.1	24.1	-44.6	1.	.0	0.0001	0.9813	271.	41.
26608.	22.0	-44.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9811	271.	41.
26659.	21.9	-44.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9809	271.	41.
26710.	21.7	-44.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9807	271.	41.
26761.	21.6	-44.8	24.1	24.1	-44.6	1.	.0	0.0001	0.9805	271.	41.
26812.	21.4	-44.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9803	271.	41.
26863.	21.3	-44.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9801	271.	41.
26914.	21.1	-44.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9799	271.	41.
26965.	21.0	-44.9	24.1	24.1	-44.6	1.	.0	0.0001	0.9797	271.	41.
27016.	20.8	-45.0	24.1	24.1	-44.6	1.	.0	0.0001	0.9795	271.	41.
27067.	20.7	-45.0	24.1	24.1	-44.6	1.	.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOv (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2845.	696.7	-5.4	19.6	19.8	-13.6	66.	1.8465	1.5432	0.9200	321.0	12.2
2897.	691.1	-5.8	19.4	19.6	-14.0	66.	1.8456	1.5432	0.9163	321.0	12.5
2904.	690.6	-5.8	19.5	19.7	-13.7	67.	1.8748	1.5656	0.9130	321.0	12.3
2934.	687.8	-5.8	19.6	19.8	-13.5	68.	1.8738	1.5875	0.9093	321.0	12.1
2959.	685.5	-5.8	19.7	19.9	-14.0	65.	1.8479	1.6234	0.9056	321.0	11.9
3004.	681.3	-6.1	19.5	19.8	-13.8	66.	1.8525	1.6515	0.9019	320.0	11.8
3017.	680.1	-6.2	19.5	19.8	-13.9	66.	1.8512	1.6424	0.8985	320.0	11.6
3240.	659.1	-8.4	19.1	19.4	-17.4	47.	1.8455	1.6056	0.8955	320.0	11.4
3072.	673.5	-9.1	18.9	19.2	-18.7	46.	1.8431	1.5562	0.8927	319.0	11.4
3102.	673.3	-9.3	18.9	19.2	-18.9	46.	1.8422	1.5301	0.8905	319.0	11.2
3120.	671.2	-9.5	18.9	19.2	-16.1	66.	1.7964	1.5044	0.8884	319.0	11.1
3140.	669.1	-9.7	18.9	19.2	-16.2	67.	1.7771	1.4878	0.8866	319.0	10.9
3172.	667.0	-10.0	18.9	19.2	-14.4	67.	1.7445	1.4623	0.8844	318.0	10.7
3194.	665.0	-10.2	18.9	19.2	-14.5	66.	1.7414	1.4586	0.8825	316.0	10.8
3210.	663.5	-10.3	18.9	19.2	-14.7	67.	1.7385	1.4258	0.8801	317.0	10.6

SOUNDING 2.
LATITUDE -64.6 LONGITUDE -2.
DATE 13-19-61 TIME 1241 GMT
NUMBER OF LEVELS 155

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOv (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	980.0	2.0	2.0	2.7	-0.2	95.	0.0454	4.7993	1.2534	20.0	8.0
102.	969.7	1.5	4.7	5.3	-2.3	92.	0.0415	4.9846	1.2337	11.0	10.4
165.	963.8	2.0	6.1	6.9	-1.5	93.	0.0577	5.4091	1.2142	4.0	13.0
269.	953.1	4.1	8.6	9.5	3.1	95.	7.6442	5.9996	1.1935	1.0	14.5
431.	936.6	5.7	11.2	12.0	4.6	95.	8.7267	6.7987	1.1730	358.0	15.1
498.	929.8	5.4	11.9	12.8	4.5	94.	8.4846	6.6055	1.1601	358.0	14.8
565.	911.1	5.2	12.7	13.7	4.0	94.	8.5474	6.5187	1.1468	357.0	14.7
698.	900.0	5.1	13.4	14.4	4.4	94.	8.4953	6.5616	1.1325	358.0	15.7
765.	892.5	5.1	15.0	16.7	4.2	94.	8.8840	6.9157	1.1159	358.0	16.6
898.	879.5	4.4	17.5	18.1	5.5	94.	9.0647	7.0525	1.1015	356.0	17.2
998.	869.7	6.3	17.9	19.2	5.1	92.	8.7867	6.8436	1.0885	354.0	17.7
1097.	859.3	5.4	18.4	19.5	4.5	91.	8.4418	6.6181	1.0769	352.0	18.0
1198.	848.8	5.5	19.1	20.1	4.4	90.	8.1459	6.3998	1.0650	348.0	18.1
1298.	838.3	4.7	19.2	20.3	2.3	85.	7.2933	5.7051	1.0545	345.0	18.1
1397.	828.0	4.0	19.5	20.5	1.7	85.	6.9385	5.4698	1.0441	345.0	18.2
1497.	817.7	3.7	20.1	21.1	1.5	86.	6.8488	5.4027	1.0328	344.0	18.5
1596.	807.6	3.1	20.5	21.5	1.2	88.	6.6935	5.2863	1.0222	344.0	19.0
1696.	796.2	2.3	20.7	21.7	0.8	89.	6.5114	5.1429	1.0118	344.0	19.4
1797.	786.5	1.7	21.4	22.1	-0.5	86.	5.9347	4.7155	1.0016	344.0	20.5
1897.	775.8	1.3	21.8	22.7	-0.6	87.	5.8639	4.6599	0.9907	344.0	20.5
1997.	767.2	0.7	22.2	23.1	-1.2	87.	5.6257	4.4821	0.9804	345.0	21.4
2097.	757.7	-0.2	22.7	23.6	-1.5	88.	5.4979	4.3777	0.9700	345.0	21.5
2197.	748.3	-0.9	23.4	24.2	-1.7	88.	5.3583	4.2379	0.9593	345.0	22.4
2297.	738.9	-1.5	24.0	24.8	-2.2	87.	5.0772	4.0613	0.9486	345.0	23.1
2396.	729.8	-2.1	24.5	25.3	-2.8	87.	4.8759	3.9034	0.9385	345.0	23.8
2496.	720.8	-1.8	25.1	25.9	-3.2	87.	4.7113	3.7811	0.9281	345.0	24.2
2596.	711.8	-1.9	25.8	26.6	-4.8	85.	4.4518	3.5817	0.9177	344.0	24.4
2695.	702.9	-2.2	26.5	27.3	-4.4	87.	4.2332	3.4179	0.9071	343.0	24.6
2795.	694.1	-2.3	27.0	27.8	-5.0	84.	4.0356	3.2608	0.8980	342.0	24.9
2896.	685.3	-3.7	27.0	27.7	-5.4	87.	3.8935	3.1509	0.8891	341.0	25.1
2996.	676.7	-4.3	27.4	28.1	-5.9	87.	3.7210	3.0176	0.8798	340.0	25.6
3096.	668.1	-5.1	27.7	28.3	-6.8	86.	3.4459	2.8030	0.8707	339.0	25.7
3196.	659.6	-5.8	28.1	28.7	-7.6	84.	3.2152	2.6236	0.8617	339.0	25.7
3296.	651.3	-6.3	28.5	29.1	-8.2	85.	3.0631	2.5047	0.8527	338.0	26.0
3396.	643.2	-6.9	28.9	29.4	-8.8	85.	2.9180	2.3833	0.8439	338.0	26.1
3496.	635.2	-7.5	29.3	29.8	-9.5	84.	2.7277	2.2416	0.8349	337.0	26.3
3596.	627.7	-8.3	29.6	30.1	-10.2	84.	2.5658	2.1141	0.8261	337.0	26.5
3694.	619.8	-8.9	29.9	30.4	-11.3	83.	2.3841	1.9706	0.8177	337.0	27.0
3795.	612.4	-9.6	30.2	30.7	-12.1	80.	2.1575	1.7908	0.8091	338.0	27.5
3894.	605.0	-11.3	30.1	30.9	-13.4	75.	1.9133	1.5962	0.8008	338.0	27.9
3994.	597.2	-11.6	30.1	31.0	-14.6	72.	1.6682	1.4159	0.7930	338.0	28.1
4095.	589.4	-12.1	30.7	31.5	-16.8	65.	1.4198	1.1899	0.7850	338.0	28.6
4194.	582.0	-12.7	31.1	31.9	-17.7	58.	1.1756	1.0010	0.7768	338.0	29.0
4294.	574.2	-13.6	31.5	32.3	-20.1	53.	1.0026	0.8593	0.7686	338.0	29.4
4393.	566.8	-14.0	31.8	32.6	-20.3	53.	0.9530	0.8530	0.7608	339.0	30.0
4493.	559.4	-14.8	32.1	32.9	-20.7	55.	0.9881	0.5160	0.7521	339.0	30.7
4593.	552.2	-15.6	32.4	33.2	-20.4	54.	0.4520	0.3983	0.7443	340.0	31.4
4694.	545.7	-16.4	32.6	33.4	-29.7	27.	0.3925	0.3498	0.7367	341.0	32.3
4791.	539.7	-17.2	32.8	33.6	-30.4	27.	0.3646	0.3255	0.7294	341.0	33.4
4892.	533.5	-18.2	32.7	33.6	-31.3	27.	0.3343	0.2994	0.7224	343.0	34.0
4993.	527.4	-19.1	32.8	33.6	-32.1	27.	0.3046	0.2739	0.7152	343.0	34.6
5093.	521.4	-19.9	33.1	33.8	-33.8	24.	0.2550	0.2309	0.7078	345.0	34.6
5192.	515.6	-21.0	33.2	34.0	-31.6	37.	0.3441	0.3079	0.7016	346.0	34.9
5291.	509.9	-21.7	33.2	34.0	-29.2	47.	0.4128	0.3667	0.6942	347.0	34.6
5392.	504.2	-22.4	33.6	34.4	-28.7	53.	0.4356	0.3862	0.6865	349.0	34.2
5491.	498.3	-23.2	33.8	34.6	-29.1	55.	0.4172	0.3704	0.6795	350.0	33.8
5592.	492.6	-24.0	34.0	34.8	-29.4	54.	0.4096	0.3639	0.6702	351.0	33.2
5692.	486.9	-24.4	34.2	35.0	-29.4	55.	0.4068	0.3615	0.6617	353.0	32.5
5791.	481.7	-24.8	34.5	35.3	-29.9	54.	0.3836	0.3418	0.6540	354.0	31.8
5892.	476.4	-25.6	34.6	35.4	-30.6	53.	0.3499	0.3129	0.6470	355.0	31.2
5991.	471.3	-26.4	34.7	35.5	-31.6	53.	0.3231	0.2898	0.6401	355.0	30.6
6092.	466.2	-26.1	34.9	35.7	-32.8	50.	0.2841	0.2561	0.6339	356.0	30.0
6191.	461.3	-27.1	35.0	35.8	-33.6	51.	0.2619	0.2368	0.6269	355.0	29.7
6290.	456.5	-27.9	35.2	36.0	-34.5	50.	0.2366	0.2148	0.6202	355.0	29.5
6391.	451.4	-28.8	35.4	36.2	-35.5	48.	0.2119	0.1932	0.6133	355.0	29.2
6490.	446.6	-29.5	35.6	36.3	-36.8	45.	0.1844	0.1690	0.6067	355.0	29.1
6589.	441.8	-30.3	35.7	36.3	-37.9	44.	0.1625	0.1497	0.6006	355.0	29.0
6688.	437.2	-31.0	35.9	36.4	-38.6	44.	0.1510	0.1395	0.5940	355.0	28.7
6790.	432.9	-31.8	36.0	36.5	-39.5	43.	0.1357	0.1258	0.5874	354.0	28.4
6889.	428.2	-32.7	36.2	36.7	-40.4	43.	0.1233	0.1149	0.5814	354.0	28.2
6988.	423.6	-33.5	36.3	36.8	-41.2	43.	0.1119	0.1046	0.5752	355.0	28.0
7088.	419.0	-34.4	36.4	36.9	-42.2	42.	0.1002	0.0940	0.5691	355.0	27.8
7188.	414.4	-35.3	36.5	36.9	-43.3	41.	0.0878	0.0828	0.5636	355.0	27.6
7290.	409.8	-36.2	36.6	36.9	-44.2	41.	0.0797	0.0754	0.5572	356.0	27.4
7389.	405.4	-37.2	36.8	37.1	-45.2	40.	0.0718	0.0673	0.5514	356.0	27.3
7488.	401.1	-37.9	36.9	37.2	-46.4	38.	0.0611	0.0584	0.5461	356.0	27.2
7589.	396.7	-38.7	40.1	40.1	-47.5	36.	0.0535	0.0514	0.5390	356.0	27.1
7688.	392.5	-39.7	40.0	40.0	-48.6	35.	0.0466	0.0450	0.5335	357.0	27.1
7790.	388.2	-40.5	40.3	40.3	-49.2	36.	0.0434	0.0420	0.5274	356.0	27.1
7889.	384.1	-41.3	40.5	40.5	-50.3	34.	0.0378	0.0363	0.5216	356.0	27.0
7987.	380.1	-42.2	40.6	40.6	-51.3	34.	0.0335	0.0328	0.5160	356.0	27.1
8088.	376.0	-43.0	40.9	40.9	-51.0	30.	0.0272	0.0268	0.5101	356.0	27.1
8189.	372.0	-44.1	40.7	40.7	-54.2	29.	0.0233	0.0230	0.5050	356.0	27.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8200.	427.1	-45.0	40.8	40.8	-54.8	30.	0.0217	0.0215	0.4995	357.0	27.3
8386.	422.3	-45.6	41.2	41.2	-55.4	30.	0.0200	0.0199	0.4934	357.0	27.6
8486.	419.5	-46.4	41.2	41.2	-56.6	29.	0.0171	0.0171	0.4878	357.0	27.7
8587.	416.7	-47.4	41.2	41.2	-57.3	29.	0.0156	0.0157	0.4826	356.0	27.8
8687.	413.8	-48.5	41.2	41.2	-58.5	28.	0.0133	0.0134	0.4774	357.0	28.0
8787.	411.0	-49.6	41.2	41.2	-59.8	27.	0.0114	0.0114	0.4726	357.0	28.2
8887.	408.2	-50.8	41.2	41.2	-61.5	27.	0.0094	0.0094	0.4674	356.0	28.4
8987.	405.4	-51.9	41.2	41.2	-61.1	27.	0.0095	0.0095	0.4618	355.0	28.6
9088.	402.7	-52.9	41.2	41.2	-62.8	26.	0.0076	0.0076	0.4572	355.0	31.4
9188.	400.1	-53.9	41.2	41.2	-63.9	24.	0.0065	0.0066	0.4516	351.0	32.4
9288.	397.8	-55.0	41.2	41.2	-65.5	24.	0.0056	0.0056	0.4462	347.0	33.2
9388.	395.5	-55.9	41.2	41.2	-67.1	19.	0.0040	0.0042	0.4387	347.0	33.4
9488.	393.2	-56.1	46.2	46.2	-68.3	13.	0.0033	0.0035	0.4309	346.0	34.2
9588.	390.9	-58.1	47.5	47.5	-68.8	12.	0.0032	0.0034	0.4241	344.0	34.8
9688.	388.8	-59.2	49.2	49.2	-68.9	11.	0.0030	0.0031	0.4172	342.0	35.6
9784.	387.0	-60.3	51.1	51.1	-69.3	10.	0.0029	0.0030	0.4103	342.0	36.2
9886.	385.0	-61.2	53.4	53.4	-69.5	9.	0.0028	0.0030	0.4028	338.0	36.7

SOUNDING 10.0
LATITUDE -56.2 LONGITUDE 5.7
DATE 14-20-01 TIME 1153 GMT
NUMBER OF LEVELS 342

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	973.3	6.9	2.6	3.6	-0.5	81.	5.9178	4.7328	1.2424	312.0	1.6
50.	967.2	-0.4	2.6	3.0	-1.7	90.	5.3444	4.2663	1.2396	312.0	2.6
96.	961.7	-1.5	1.0	2.1	-2.8	90.	4.8787	3.8996	1.2372	307.0	12.0
141.	956.2	-1.7	1.1	2.2	-2.8	91.	4.8512	3.8885	1.2310	306.0	13.1
186.	951.2	-1.9	2.0	2.8	-3.0	91.	4.7739	3.8269	1.2254	305.0	15.2
229.	945.7	-2.6	2.2	2.7	-3.3	91.	4.6555	3.7361	1.2196	304.0	16.2
273.	940.5	-2.5	2.3	2.8	-3.7	90.	4.4877	3.6089	1.2141	304.0	16.9
315.	935.5	-2.7	2.5	3.0	-3.9	90.	4.4122	3.5513	1.2085	303.0	17.5
360.	930.2	-2.9	2.7	3.2	-4.1	90.	4.3385	3.4946	1.2025	303.0	17.6
404.	925.0	-3.0	3.1	3.6	-4.3	90.	4.3020	3.4665	1.1963	302.0	17.7
449.	919.8	-3.2	3.5	3.9	-4.6	89.	4.1830	3.3748	1.1903	302.0	17.7
491.	914.9	-3.4	3.9	4.3	-4.8	89.	4.1125	3.3206	1.1848	302.0	17.6
535.	910.1	-3.7	4.2	4.6	-4.6	86.	4.1829	3.3746	1.1778	302.0	17.4
578.	905.8	-3.9	4.7	5.2	-4.4	88.	4.2534	3.4294	1.1715	302.0	17.3
619.	901.2	-4.2	5.7	6.2	-3.7	90.	4.4863	3.6043	1.1637	302.0	17.1
661.	896.6	-4.6	6.5	7.1	-3.1	91.	4.7329	3.7955	1.1557	302.0	17.0
704.	891.8	-4.8	7.7	8.3	-2.3	92.	5.0693	4.0554	1.1468	302.0	16.9
746.	887.1	-5.0	8.8	9.4	-1.8	91.	5.2721	4.2088	1.1385	302.0	16.8
789.	882.4	-5.2	9.3	9.9	-1.6	90.	5.3554	4.1976	1.1327	302.0	16.8
813.	879.6	-5.3	9.7	10.3	-1.9	90.	5.2553	4.1976	1.1272	302.0	16.8
852.	874.3	-5.7	10.0	10.6	-2.0	88.	5.2119	4.1644	1.1221	302.0	16.5
895.	869.6	-5.7	10.4	11.0	-2.0	90.	5.2118	4.1643	1.1161	302.0	16.3
940.	864.7	-5.7	10.4	11.0	-2.0	90.	5.2117	4.1642	1.1098	302.0	16.3
985.	859.9	-5.7	11.3	12.0	-2.0	90.	5.2116	4.1641	1.1036	302.0	16.2
1029.	855.1	-5.6	11.2	12.0	-1.7	91.	5.3132	4.2417	1.0972	302.0	16.1
1072.	850.5	-5.1	13.0	13.8	-1.0	92.	5.6847	4.5268	1.0888	302.0	15.9
1113.	846.2	-5.7	14.1	14.8	-0.6	91.	5.8725	4.6687	1.0811	302.0	15.8
1159.	841.4	-5.6	14.4	15.2	-0.8	90.	5.7668	4.5863	1.0753	303.0	15.7
1204.	836.7	-5.6	14.9	15.7	-0.6	90.	5.7659	4.5882	1.0693	303.0	15.6
1246.	832.3	-5.6	15.3	16.1	-1.0	89.	5.7318	4.5397	1.0637	303.0	15.6
1288.	827.9	-0.4	15.8	16.3	-1.2	89.	5.6198	4.4777	1.0588	303.0	15.5
1329.	823.7	-0.1	15.7	16.4	-1.6	87.	5.3753	4.2924	1.0544	303.0	15.4
1374.	819.1	-0.1	15.9	16.6	-2.1	85.	5.1713	4.1334	1.0491	302.0	15.3
1418.	814.6	-0.4	16.1	16.7	-2.5	84.	4.9854	3.9912	1.0444	302.0	15.3
1464.	809.9	-0.7	16.2	16.9	-2.9	83.	4.8052	3.8532	1.0394	301.0	14.9
1506.	805.7	-1.1	16.2	16.8	-3.5	82.	4.5924	3.6895	1.0354	300.0	14.4
1549.	801.3	-1.4	16.3	17.0	-3.8	82.	4.4742	3.6028	1.0306	299.0	14.2
1592.	797.0	-1.7	16.5	17.1	-3.9	83.	4.4218	3.5587	1.0264	299.0	14.2
1635.	792.7	-2.0	16.6	17.2	-4.1	84.	4.3843	3.5144	1.0219	298.0	14.0
1675.	788.7	-2.2	16.8	17.4	-4.3	84.	4.2918	3.4585	1.0175	298.0	14.0
1716.	784.7	-2.4	17.0	17.6	-4.7	82.	4.1199	3.3263	1.0130	298.0	13.8
1756.	780.7	-2.6	17.3	17.9	-5.0	81.	4.0356	3.2609	1.0081	297.0	13.7
1795.	776.9	-2.7	17.5	18.1	-5.2	81.	3.9683	3.2088	1.0039	296.0	13.5
1838.	772.7	-3.0	17.8	18.4	-5.5	81.	3.8694	3.1323	0.9995	296.0	13.4
1881.	768.5	-3.3	17.9	18.3	-5.6	82.	3.8192	3.0934	0.9952	296.0	13.2
1921.	764.6	-3.6	17.9	18.4	-5.8	83.	3.7690	3.0545	0.9912	296.0	13.3
1960.	760.8	-3.8	18.1	18.6	-6.0	83.	3.7056	3.0054	0.9870	296.0	13.3
2003.	757.0	-4.1	18.2	18.7	-6.3	83.	3.6129	2.9330	0.9831	296.0	13.2
2043.	752.9	-4.4	18.3	18.8	-6.6	83.	3.5215	2.8623	0.9788	296.0	13.4
2087.	748.7	-4.6	18.5	19.0	-6.9	82.	3.4202	2.7835	0.9746	296.0	13.5
2130.	744.6	-4.7	18.8	19.4	-7.3	80.	3.3084	2.6964	0.9689	296.0	13.6
2175.	740.3	-4.9	19.2	19.8	-7.8	78.	3.1710	2.5892	0.9640	296.0	13.7
2217.	736.4	-5.2	19.3	19.7	-8.2	77.	3.0510	2.4954	0.9589	296.0	13.8
2257.	732.6	-5.4	19.4	19.9	-8.4	77.	2.9842	2.4547	0.9556	296.0	13.9
2297.	728.9	-5.6	19.7	20.1	-8.8	76.	2.9098	2.3847	0.9514	296.0	13.7
2337.	725.2	-5.7	20.0	20.4	-9.2	74.	2.8349	2.3055	0.9469	296.0	14.3
2379.	721.3	-5.8	20.3	20.6	-9.9	70.	2.6343	2.1682	0.9420	296.0	14.3
2426.	717.0	-6.1	20.5	20.9	-10.6	66.	2.4204	1.9993	0.9373	296.0	14.2
2470.	713.0	-6.3	20.8	21.1	-11.5	63.	2.2708	1.8809	0.9327	296.0	14.5
2509.	709.4	-6.4	21.1	21.4	-12.4	59.	2.1083	1.7518	0.9282	296.0	14.8
2549.	705.8	-6.5	21.4	21.7	-13.0	56.	1.9839	1.6527	0.9237	296.0	14.9
2586.	702.4	-6.7	21.6	21.9	-13.4	55.	1.9150	1.5977	0.9199	296.0	15.0
2627.	698.8	-7.0	21.7	22.0	-13.9	54.	1.8319	1.5312	0.9162	296.0	15.1
2664.	695.4	-7.4	21.7	21.9	-14.3	54.	1.7693	1.4810	0.9131	296.0	15.2
2706.	691.7	-7.7	21.8	22.0	-14.6	54.	1.7236	1.4444	0.9092	296.0	15.4
2749.	687.9	-8.0	21.9	22.2	-14.9	54.	1.6790	1.4086	0.9052	296.0	15.4
2788.	684.4	-8.3	22.0	22.3	-15.6	52.	1.5749	1.3248	0.9015	296.0	15.5
2828.	680.9	-8.5	22.2	22.5	-16.0	51.	1.5177	1.2767	0.8976	296.0	15.5
2864.	677.7	-8.9	22.2	22.4	-16.3	51.	1.4653	1.2363	0.8946	296.0	15.6
2903.	674.3	-9.2	22.2	22.5	-16.6	51.	1.4276	1.2053	0.8911	296.0	15.6
2947.	670.5	-9.5	22.4	22.6	-16.9	51.	1.3897	1.1751	0.8871	296.0	15.6
2992.	666.6	-9.9	22.4	22.7	-17.3	51.	1.3413	1.1358	0.8833	296.0	15.5
3035.	662.9	-10.3	22.5	22.7	-17.7	51.	1.2944	1.0978	0.8797	296.0	15.4
3077.	659.3	-10.6	22.6	22.8	-17.9	51.	1.2603	1.0700	0.8759	296.0	15.3
3119.	655.7	-11.0	22.6	22.8	-18.1	52.	1.2395	1.0534	0.8724	296.0	15.3
3155.	652.6	-11.3	22.8	22.9	-18.2	53.	1.2302	1.0455	0.8693	296.0	15.2
3191.	649.5	-11.6	22.7	22.9	-18.7	52.	1.1749	1.0004	0.8661	299.0	15.2
3228.	646.4	-11.9	22.8	23.0	-19.0	52.	1.1436	0.9749	0.8629	299.0	15.2
3268.	643.0	-12.3	22.8	22.9	-20.6	46.	0.9758	0.8373	0.8596	299.0	15.2
3312.	639.3	-12.6	22.9	23.1	-22.1	41.	0.8464	0.7305	0.8555	299.0	15.1
3355.	635.7	-12.7	23.3	23.4	-23.5	36.	0.7365	0.6392	0.8509	299.0	15.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3542.	656.6	-12.7	23.7	23.8	-25.6	31.	0.6342	0.5538	0.8467	293.0	15.1
3632.	648.3	-12.9	23.9	24.1	-21.9	43.	0.8639	0.7449	0.8431	296.0	15.2
3672.	644.0	-13.1	24.1	24.3	-20.1	52.	1.0259	0.8784	0.8395	300.0	15.0
3711.	639.8	-13.4	24.4	24.4	-19.1	59.	1.1326	0.9656	0.8362	301.0	15.2
3748.	635.8	-13.7	24.3	24.5	-18.3	65.	1.2141	1.0324	0.8332	301.0	15.3
3782.	632.1	-14.0	24.5	24.6	-18.6	65.	1.1412	1.0056	0.8304	302.0	15.4
3820.	628.0	-14.2	24.5	24.7	-19.0	64.	1.1419	0.9735	0.8268	302.0	15.6
3857.	624.0	-14.5	24.5	24.9	-19.8	61.	1.0588	0.9054	0.8237	303.0	15.8
3895.	619.9	-14.7	24.4	25.0	-20.7	57.	0.9713	0.8336	0.8202	304.0	15.8
3931.	616.0	-14.9	24.4	25.1	-21.9	51.	0.8611	0.7426	0.8165	305.0	16.1
3966.	612.4	-15.1	24.5	25.4	-23.8	43.	0.7126	0.6195	0.8133	305.0	16.2
4002.	608.3	-15.1	24.6	25.6	-27.0	31.	0.4997	0.4346	0.8095	306.0	16.2
4044.	604.4	-15.4	24.7	25.7	-33.2	17.	0.2716	0.2452	0.8058	307.0	16.2
4085.	600.7	-15.7	24.7	25.7	-34.1	16.	0.2463	0.2233	0.8025	307.0	16.4
4126.	596.4	-16.2	24.5	25.7	-33.9	17.	0.2571	0.2263	0.7993	307.0	16.4
4170.	592.1	-16.5	24.5	25.8	-33.6	18.	0.2596	0.2346	0.7958	307.0	16.4
4214.	587.8	-16.8	24.5	25.8	-32.9	20.	0.2804	0.2529	0.7925	307.0	16.4
4259.	583.5	-17.2	24.5	25.8	-32.4	22.	0.2971	0.2674	0.7890	307.0	16.4
4297.	579.8	-17.6	24.5	25.8	-32.3	23.	0.2992	0.2692	0.7857	308.0	16.5
4341.	575.7	-17.9	24.5	25.8	-33.0	22.	0.2782	0.2510	0.7819	308.0	16.5
4385.	571.5	-18.3	24.5	25.8	-33.3	22.	0.2734	0.2442	0.7784	308.0	16.5
4428.	567.2	-18.6	24.5	25.8	-32.8	23.	0.2774	0.2503	0.7745	308.0	16.5
4469.	563.4	-18.7	24.6	25.8	-33.3	23.	0.2696	0.2435	0.7716	307.0	16.5
4508.	559.3	-18.9	24.6	25.8	-33.9	22.	0.2536	0.2291	0.7679	307.0	16.6
4545.	557.4	-19.2	24.5	25.8	-34.6	21.	0.2347	0.2132	0.7648	307.0	16.7
4583.	554.5	-19.5	24.5	25.8	-34.9	21.	0.2259	0.2055	0.7620	306.0	16.8
4622.	551.6	-20.0	24.5	25.9	-35.3	21.	0.2174	0.1981	0.7593	306.0	16.9
4661.	548.7	-20.4	24.5	25.9	-36.1	20.	0.1993	0.1821	0.7564	306.0	17.1
4699.	545.8	-20.7	24.5	25.9	-37.3	18.	0.1742	0.1601	0.7533	306.0	17.3
4744.	542.6	-20.9	24.5	25.9	-38.5	16.	0.1519	0.1403	0.7495	305.0	17.4
4784.	539.8	-21.1	24.5	25.9	-39.0	15.	0.1414	0.1307	0.7460	305.0	17.5
4825.	536.8	-21.5	24.5	25.9	-38.8	15.	0.1443	0.1324	0.7431	304.0	17.5
4868.	533.8	-21.8	24.5	25.9	-38.0	16.	0.1522	0.1397	0.7401	304.0	17.6
4911.	530.9	-22.3	24.5	25.9	-37.3	17.	0.1626	0.1492	0.7370	304.0	17.7
4955.	527.9	-22.7	24.5	25.9	-36.8	18.	0.1743	0.1600	0.7337	304.0	17.9
4999.	524.8	-23.1	24.5	25.9	-36.6	18.	0.1794	0.1644	0.7304	304.0	18.0
5042.	521.8	-23.5	24.6	25.9	-36.5	18.	0.1810	0.1658	0.7273	304.0	18.0
5082.	518.1	-23.7	24.7	25.9	-36.1	18.	0.1798	0.1648	0.7242	304.0	17.8
5121.	515.4	-24.1	24.8	25.9	-36.3	18.	0.1771	0.1623	0.7212	304.0	17.8
5163.	512.4	-24.5	24.9	25.9	-36.5	18.	0.1802	0.1651	0.7182	304.0	17.6
5202.	509.1	-24.9	24.9	25.9	-36.6	18.	0.1788	0.1636	0.7147	304.0	17.6
5242.	505.9	-25.3	24.9	25.9	-36.6	18.	0.1772	0.1621	0.7114	304.0	17.6
5283.	502.6	-25.7	24.9	25.9	-36.7	18.	0.1755	0.1606	0.7079	305.0	17.5
5324.	499.6	-26.2	24.9	25.9	-37.2	18.	0.1737	0.1589	0.7051	305.0	18.1
5365.	496.6	-26.5	24.9	25.9	-37.7	18.	0.1718	0.1572	0.7020	305.0	16.4
5406.	493.5	-26.7	24.9	25.9	-38.2	18.	0.1702	0.1557	0.6988	305.0	18.6
5447.	490.5	-27.1	24.9	25.9	-38.6	18.	0.1686	0.1542	0.6956	306.0	18.9
5487.	487.6	-27.5	24.9	25.9	-39.0	18.	0.1671	0.1528	0.6932	306.0	19.1
5527.	484.7	-27.8	24.9	25.9	-39.4	18.	0.1656	0.1514	0.6903	306.0	19.1
5567.	481.8	-28.1	24.9	25.9	-39.8	18.	0.1642	0.1501	0.6875	307.0	19.3
5607.	478.9	-28.4	24.9	25.9	-40.2	18.	0.1628	0.1488	0.6844	307.0	19.5
5647.	476.0	-28.7	24.9	25.9	-40.6	18.	0.1614	0.1475	0.6814	307.0	19.7
5687.	473.2	-29.0	24.9	25.9	-41.0	18.	0.1600	0.1462	0.6786	308.0	20.0
5727.	470.3	-29.3	24.9	25.9	-41.4	18.	0.1586	0.1449	0.6752	308.0	20.2
5767.	467.4	-29.6	24.9	25.9	-41.8	18.	0.1572	0.1436	0.6714	309.0	20.4
5807.	464.6	-29.9	24.9	25.9	-42.2	18.	0.1558	0.1423	0.6675	309.0	20.6
5847.	461.7	-30.2	24.9	25.9	-42.6	18.	0.1544	0.1410	0.6643	310.0	20.8
5887.	458.8	-30.5	24.9	25.9	-43.0	18.	0.1530	0.1397	0.6618	310.0	21.0
5927.	456.0	-30.8	24.9	25.9	-43.4	18.	0.1516	0.1384	0.6590	310.0	21.2
5967.	453.1	-31.1	24.9	25.9	-43.8	18.	0.1502	0.1371	0.6562	311.0	21.4
6007.	450.3	-31.4	24.9	25.9	-44.2	18.	0.1488	0.1358	0.6535	311.0	21.6
6047.	447.4	-31.7	24.9	25.9	-44.6	18.	0.1474	0.1345	0.6511	311.0	21.8
6087.	444.6	-32.0	24.9	25.9	-45.0	18.	0.1460	0.1332	0.6485	312.0	22.0
6127.	441.7	-32.3	24.9	25.9	-45.4	18.	0.1446	0.1319	0.6458	312.0	22.2
6167.	438.9	-32.6	24.9	25.9	-45.8	18.	0.1432	0.1306	0.6433	312.0	22.4
6207.	436.0	-32.9	24.9	25.9	-46.2	18.	0.1418	0.1293	0.6406	313.0	22.6
6247.	433.2	-33.2	24.9	25.9	-46.6	18.	0.1404	0.1280	0.6384	313.0	22.8
6287.	430.3	-33.5	24.9	25.9	-47.0	18.	0.1390	0.1267	0.6360	314.0	23.0
6327.	427.5	-33.8	24.9	25.9	-47.4	18.	0.1376	0.1254	0.6334	314.0	23.2
6367.	424.6	-34.1	24.9	25.9	-47.8	18.	0.1362	0.1241	0.6306	315.0	23.4
6407.	421.8	-34.4	24.9	25.9	-48.2	18.	0.1348	0.1228	0.6280	315.0	23.6
6447.	418.9	-34.7	24.9	25.9	-48.6	18.	0.1334	0.1215	0.6252	315.0	23.8
6487.	416.0	-35.0	24.9	25.9	-49.0	18.	0.1320	0.1202	0.6222	315.0	24.0
6527.	413.2	-35.3	24.9	25.9	-49.4	18.	0.1306	0.1189	0.6188	315.0	24.2
6567.	410.3	-35.6	24.9	25.9	-49.8	18.	0.1292	0.1176	0.6161	315.0	24.4
6607.	407.5	-35.9	24.9	25.9	-50.2	18.	0.1278	0.1163	0.6133	315.0	24.6
6647.	404.6	-36.2	24.9	25.9	-50.6	18.	0.1264	0.1150	0.6109	315.0	24.8
6687.	401.8	-36.5	24.9	25.9	-51.0	18.	0.1250	0.1137	0.6083	315.0	25.0
6727.	398.9	-36.8	24.9	25.9	-51.4	18.	0.1236	0.1124	0.6054	315.0	25.2
6767.	396.0	-37.1	24.9	25.9	-51.8	18.	0.1222	0.1111	0.6031	314.0	25.4
6807.	393.2	-37.4	24.9	25.9	-52.2	18.	0.1208	0.1098	0.6010	314.0	25.6
6847.	390.3	-37.7	24.9	25.9	-52.6	18.	0.1194	0.1085	0.5990	314.0	25.8
6887.	387.5	-38.0	24.9	25.9	-53.0	18.	0.1180	0.1072	0.5969	313.0	26.0
6927.	384.6	-38.3	24.9	25.9	-53.4	18.	0.1166	0.1059	0.5948	313.0	26.2
6967.	381.8	-38.6	24.9	25.9	-53.8	18.	0.1152	0.1046	0.5922	313.0	26.4
7007.	378.9	-38.9	24.9	25.9	-54.2	18.	0.1138	0.1033	0.5899	313.0	26.6
7047.	376.0	-39.2	24.9	25.9	-54.6	18.	0.1124	0.1020	0.5871	312.0	26.8
7087.	373.2	-39.5	24.9	25.9	-55.0	18.	0.1110	0.1007	0.5852	312.0	27.0
7127.	370.3	-39.8	24.9	25.9	-55.4	18.	0.1096	0.0994	0.5834	312.0	27.2
7167.	367.5	-40.1	24.9	25.9	-55.8	18.	0.1082	0.0981	0.5812	312.0	27.4
7207.	364.6	-40.4	24.9	25.9	-56.2	18.	0.1068	0.0968	0.5790	311.0	27.6
7247.	361.8	-40.7	24.9	25.9	-56.6	18.	0.1054	0.0955	0.5771	311.0	27.8
7287.	358.9	-41.0	24.9	25.9	-57.0	18.	0.1040	0.0942	0.5754	311.0	28.0
7327.	356.0	-41.3	24.9	25.9	-57.4	18.	0.1026	0.0929	0.5732	310.0	28.2
7367.	353.2	-41.6	24.9	25.9	-57.8	18.	0.1012	0.0916	0.5710	310.0	28.4
7407.	350.3	-41.9	24.9	25.9	-58.2	18.	0.0998	0.0903	0.5687	310.0	28.6
7447.	347.5	-42.2	24.9	25.9	-58.6	18.	0.0984	0.0890	0.5664	309.0	28.8
7487.	344.6	-42.5	24.9	25.9	-59.0	18.	0.0970	0.0877	0.5645	309.0	29.0
7527.	341.8	-42.8	24.9	25.9	-59.4	18.	0.0956	0.0864	0.5627	309.0	29.2
7567.	338.9	-43.1	24.9	25.9	-59.8	18.	0.0942	0.0851	0.5609	309.0	29.4
7607.	336.0	-43.4	24.9	25.9	-60.2	18.	0.0928	0.0838	0.5586	309.0	29.6
7647.	333.2	-43.7	24.9	25.9	-60.6	18.	0.0914	0.0825	0.5565	308.0	29.8
7687.	330.3	-44.0	24.9	25.9	-61.0	18.	0.0900	0.0812	0.5547	308.0	30.0
7727.	327.5	-44.3	24.9	25.9	-61.4	18.	0.0886	0.0799	0.5531	308.0	30.2
7767.	324.6	-44.6	24.9	25.9	-61.8	18.	0.0872	0.0786	0.5514	308.0	30.4
7807.	321.8	-44.9	24.9	25.9	-62.2	18.	0.0858	0.0773	0.5495	308.0	30.6
7847.	318.9	-45.2	24.9	25.9	-62.6	18.	0.0844	0.0760	0.5472	307.0	30.8
7887.	316.0	-45.5	24.9	25.9	-63.0	18.	0.0830	0.0747	0.5450	307.0	31.0
7927.	313.2	-45.8	24.9	25.9	-63.4	18.	0.0816	0.0734	0.5428	307.0	31.2
7967.	310.3	-46.1	24.9	25.9	-63.8	18.	0.0802	0.0721	0.5411	307.0	31.4
8007.	307.5	-46.4	24.9	25.9	-64.2	18.	0.0788	0.0708	0.5391	307.0	31.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOE (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7494.	358.2	-40.8	38.4	38.4	-55.8	16.	0.0188	0.0188	0.5371	307.0	28.5
7532.	356.2	-41.1	38.5	38.5	-55.6	17.	0.0193	0.0192	0.5348	307.0	28.4
7568.	354.3	-41.4	38.5	38.6	-55.9	17.	0.0187	0.0186	0.5326	307.0	28.2
7604.	352.4	-41.8	38.5	38.5	-56.3	17.	0.0178	0.0178	0.5307	307.0	28.0
7645.	350.3	-42.2	38.5	38.5	-56.6	17.	0.0170	0.0170	0.5284	306.0	27.7
7685.	348.2	-42.6	38.5	38.5	-57.0	17.	0.0163	0.0163	0.5261	306.0	27.6
7730.	345.9	-43.0	38.5	38.5	-56.9	18.	0.0164	0.0165	0.5236	305.0	27.3
7773.	343.7	-43.4	38.5	38.6	-57.2	18.	0.0157	0.0157	0.5212	305.0	27.1
7818.	341.4	-43.8	38.6	38.6	-57.6	18.	0.0150	0.0150	0.5186	304.0	27.2
7861.	339.2	-44.2	38.6	38.6	-57.9	18.	0.0143	0.0144	0.5161	304.0	27.0
7905.	337.0	-44.6	38.7	38.7	-57.9	19.	0.0144	0.0145	0.5137	304.0	26.9
7948.	334.8	-45.1	38.6	38.6	-57.9	20.	0.0143	0.0144	0.5114	304.0	26.9
7993.	332.7	-45.5	38.6	38.6	-57.9	21.	0.0143	0.0144	0.5091	303.0	26.8
8032.	330.6	-45.8	38.7	38.7	-58.2	21.	0.0138	0.0139	0.5066	303.0	26.7
8071.	328.7	-46.2	38.7	38.7	-58.2	22.	0.0138	0.0139	0.5046	303.0	26.7
6109.	326.8	-46.7	38.5	38.5	-58.7	22.	0.0130	0.0131	0.5027	302.0	26.7
6150.	324.8	-47.2	38.4	38.4	-58.6	23.	0.0128	0.0129	0.5008	302.0	26.9
8191.	322.6	-47.6	38.4	38.4	-58.6	24.	0.0127	0.0128	0.4986	302.0	27.1
8227.	321.0	-47.9	38.5	38.5	-59.1	24.	0.0122	0.0124	0.4965	301.0	27.2
8262.	319.3	-48.2	38.5	38.5	-59.4	24.	0.0118	0.0120	0.4945	301.0	27.4
8302.	317.4	-48.6	38.5	38.5	-59.4	25.	0.0117	0.0119	0.4924	300.0	27.9
6341.	315.5	-49.1	38.3	38.3	-59.6	26.	0.0115	0.0116	0.4906	301.0	28.4
8380.	313.6	-49.5	38.6	38.6	-59.8	26.	0.0112	0.0114	0.4880	301.0	29.0
8418.	311.8	-49.8	38.7	38.7	-59.8	27.	0.0112	0.0114	0.4859	301.0	29.7
8460.	309.8	-49.8	39.0	39.0	-59.7	28.	0.0113	0.0115	0.4832	301.0	30.2
6502.	307.8	-49.9	39.4	39.4	-59.6	28.	0.0112	0.0114	0.4803	301.0	30.9
8545.	305.8	-49.8	40.1	40.2	-60.2	26.	0.0105	0.0107	0.4770	301.0	31.5
8588.	303.8	-49.7	40.9	40.9	-61.0	23.	0.0094	0.0096	0.4736	301.0	32.2
8631.	301.8	-49.4	41.2	41.2	-62.2	20.	0.0080	0.0082	0.4709	300.0	32.7
8674.	299.8	-50.0	41.6	41.6	-63.5	17.	0.0067	0.0069	0.4680	300.0	33.2
8716.	297.8	-50.1	42.1	42.1	-64.5	15.	0.0058	0.0061	0.4651	300.0	33.6
6753.	296.2	-52.2	42.4	42.4	-66.1	12.	0.0046	0.0048	0.4628	300.0	34.1
8791.	294.5	-56.2	43.0	43.0	-67.4	10.	0.0038	0.0041	0.4602	300.0	34.6
8828.	292.8	-59.3	43.3	43.3	-68.2	9.	0.0034	0.0036	0.4577	301.0	35.0
8866.	291.1	-59.5	43.6	43.6	-68.9	7.	0.0027	0.0028	0.4551	301.0	35.2
8903.	289.6	-59.8	44.1	44.1	-71.1	6.	0.0022	0.0024	0.4531	301.0	35.6
8934.	288.1	-56.6	44.4	44.4	-72.4	5.	0.0018	0.0020	0.4510	301.0	35.8
8970.	286.5	-50.7	44.7	44.7	-73.9	4.	0.0014	0.0016	0.4487	301.0	36.0
9006.	284.9	-50.7	45.3	45.3	-73.9	4.	0.0014	0.0016	0.4462	301.0	36.1
9041.	283.4	-50.7	45.7	45.7	-75.7	3.	0.0011	0.0012	0.4438	302.0	36.3
9077.	281.8	-50.7	46.3	46.3	-78.3	2.	0.0007	0.0008	0.4413	302.0	36.3
9110.	280.4	-50.7	46.7	46.7	-78.3	2.	0.0007	0.0008	0.4391	302.0	36.4
9142.	279.0	-50.6	47.3	47.3	-82.4	1.	0.0004	0.0004	0.4367	302.0	36.5
9177.	277.5	-50.5	47.6	47.6	-82.3	1.	0.0004	0.0004	0.4342	303.0	36.6
9215.	275.9	-50.3	48.0	48.0	-82.3	1.	0.0004	0.0004	0.4317	303.0	36.7
9253.	274.3	-50.5	48.3	48.3	-82.3	1.	0.0004	0.0004	0.4292	303.0	36.6
9289.	272.8	-50.5	48.8	48.8	-82.3	1.	0.0004	0.0004	0.4268	303.0	36.6
9322.	271.4	-50.6	49.0	49.0	-82.4	1.	0.0004	0.0004	0.4248	304.0	36.7
9356.	270.0	-50.6	49.3	49.3	-82.4	1.	0.0004	0.0004	0.4226	304.0	36.6
9387.	268.7	-50.5	49.7	49.7	-82.3	1.	0.0004	0.0004	0.4204	304.0	36.5
9424.	267.2	-50.4	50.1	50.1	-82.4	1.	0.0004	0.0004	0.4183	304.0	36.4
9458.	265.8	-50.4	50.4	50.4	-82.4	1.	0.0004	0.0004	0.4161	304.0	36.4
9497.	264.2	-50.3	50.8	50.8	-82.3	1.	0.0004	0.0004	0.4134	304.0	36.3
9537.	262.6	-50.3	51.2	51.2	-82.1	1.	0.0004	0.0004	0.4105	304.0	36.3
9576.	261.0	-50.2	51.6	51.6	-82.1	1.	0.0004	0.0004	0.4078	304.0	36.2
9614.	259.5	-50.3	51.9	51.9	-82.1	1.	0.0004	0.0004	0.4057	304.0	36.2
9644.	258.1	-50.3	52.2	52.2	-82.2	1.	0.0004	0.0004	0.4038	304.0	36.2
9680.	256.5	-50.5	52.6	52.6	-82.3	1.	0.0004	0.0004	0.4019	305.0	36.2
9715.	255.0	-50.5	52.9	52.9	-82.3	1.	0.0004	0.0004	0.3998	305.0	36.3
9751.	253.4	-50.4	53.3	53.3	-82.2	1.	0.0004	0.0004	0.3974	305.0	36.1
9784.	252.0	-50.4	53.6	53.6	-82.2	1.	0.0004	0.0004	0.3954	305.0	36.0
9820.	251.4	-50.4	53.7	53.7	-82.2	1.	0.0004	0.0004	0.3932	305.0	36.0
9854.	250.1	-50.4	53.9	53.9	-82.2	1.	0.0004	0.0004	0.3911	305.0	36.1
9891.	248.7	-50.3	54.2	54.2	-82.1	1.	0.0004	0.0004	0.3888	305.0	36.0
9930.	247.2	-50.2	54.5	54.5	-82.1	1.	0.0004	0.0004	0.3863	305.0	36.1
9962.	246.0	-50.2	54.8	54.8	-82.1	1.	0.0004	0.0004	0.3844	305.0	36.1
9994.	244.8	-50.4	55.0	55.0	-82.2	1.	0.0004	0.0004	0.3828	305.0	36.2
10026.	243.6	-50.2	55.3	55.3	-82.3	1.	0.0004	0.0004	0.3811	306.0	36.2
10063.	242.2	-50.5	55.6	55.6	-82.4	1.	0.0004	0.0004	0.3791	306.0	36.4
10096.	241.0	-50.6	55.9	55.9	-82.4	1.	0.0004	0.0004	0.3771	306.0	36.5
10133.	239.6	-50.7	56.2	56.2	-82.3	1.	0.0004	0.0004	0.3749	307.0	36.6
10174.	238.1	-50.8	56.6	56.6	-82.1	1.	0.0004	0.0004	0.3722	307.0	37.0
10212.	236.7	-50.9	56.9	56.9	-82.1	1.	0.0004	0.0004	0.3698	307.0	37.3
10251.	235.3	-50.9	57.2	57.2	-82.1	1.	0.0004	0.0004	0.3678	307.0	37.6
10288.	234.0	-50.9	57.5	57.5	-82.0	1.	0.0004	0.0004	0.3655	308.0	38.0
10324.	232.7	-50.8	57.8	57.8	-81.9	1.	0.0004	0.0004	0.3633	308.0	38.3
10360.	231.4	-50.8	58.1	58.1	-81.9	1.	0.0004	0.0004	0.3612	308.0	38.7
10397.	230.1	-50.1	58.4	58.4	-82.0	1.	0.0004	0.0004	0.3594	308.0	39.2
10434.	228.8	-50.1	58.8	58.8	-82.0	1.	0.0004	0.0004	0.3573	309.0	39.5
10471.	227.5	-50.1	59.1	59.1	-82.0	1.	0.0004	0.0004	0.3553	309.0	40.0
10514.	226.0	-50.1	59.5	59.5	-82.0	1.	0.0004	0.0004	0.3530	309.0	39.8
10550.	224.8	-50.1	59.8	59.8	-81.9	1.	0.0004	0.0004	0.3506	309.0	40.0
10594.	223.3	-49.9	60.2	60.2	-81.8	1.	0.0004	0.0005	0.3484	309.0	40.0
10631.	222.0	-49.9	60.5	60.5	-81.8	1.	0.0004	0.0005	0.3463	309.0	40.0
10672.	220.6	-49.8	60.9	60.9	-81.8	1.	0.0004	0.0005	0.3441	309.0	40.1
10711.	219.3	-49.7	61.2	61.2	-81.8	1.	0.0004	0.0005	0.3420	309.0	39.8
10747.	218.1	-49.6	61.6	61.6	-81.8	1.	0.0004	0.0005	0.3402	309.0	39.6
10786.	216.8	-49.6	61.9	61.9	-81.8	1.	0.0004	0.0005	0.3381	309.0	39.3
10814.	215.7	-49.6	62.3	62.3	-81.8	1.	0.0004	0.0005	0.3364	309.0	39.0
10859.	214.5	-49.6	62.6	62.6	-81.8	1.	0.0004	0.0005	0.3347	309.0	38.6
10892.	213.4	-49.6	62.9	62.9	-81.8	1.	0.0004	0.0005	0.3327	309.0	38.7
10926.	212.3	-49.6	63.3	63.3	-81.8	1.	0.0004	0.0005	0.3307	309.0	38.8
10966.	211.0	-49.6	63.6	63.6	-81.8	1.	0.0004	0.0005	0.3289	309.0	40.2
11003.	209.7	-50.0	63.9	63.9	-82.1	1.	0.0004	0.0004	0.3274	309.0	40.2
11037.	208.6	-50.0	64.3	64.3	-82.1	1.	0.0004	0.0004	0.3261	309.0	40.4
11070.	207.4	-50.0	64.6	64.6	-82.2	1.	0.0004	0.0004	0.3245	309.0	40.6
11113.	206.2	-50.0	64.9	64.9	-82.2	1.	0.0004	0.0004	0.3231	309.0	40.6
11147.	205.1	-51.1	65.3	65.3	-83.7	1.	0.0004	0.0004	0.3218	309.0	40.8
11182.	203.9	-51.2	65.6	65.6	-83.8	1.	0.0004	0.0004	0.3203	310.0	40.8
11217.	202.8	-51.4	66.0	66.0	-83.9	1.	0.0004	0.0004	0.3187	310.0	41.2
11252.	201.6	-51.5	66.3	66.3	-83.9	1.	0.0004	0.0004	0.3172	310.0	41.3
11291.	200.4	-51.7	66.7	66.7	-84.0	1.	0.0004	0.0004	0.3153	310.0	41.5
11327.	199.3	-51.8	67.0	67.0	-84.0	1.	0.0004	0.0004	0.3134	310.0	41.7
11365.	198.2	-51.9	67.4	67.4	-84.0	1.	0.0004	0.0004	0.3115	310.0	41.8
11402.	197.1	-51.9	67.7	67.7	-84.1	1.	0.0004	0.0004	0.3099	310.0	42.0
11441.	196.0	-51.9	68.1	68.1	-84.2	1.	0.0004	0.0004	0.3085	310.0	42.1
11478.	194.9	-51.9	68.4	68.4	-84.3	1.	0.0004	0.0004	0.3069	310.0	42.4
11519.	193.7	-51.9	68.8	68.8	-84.3	1.	0.0004	0.0004	0.3050	310.0	42.5
11555.	192.6	-51.9	69.1	69.1	-84.3	1.	0.0004	0.0004	0.3031	310.0	42.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11595.	191.4	-51.7	82.0	82.0	-83.2	1.	0.0003	0.0004	0.3011	309.0	42.9
11639.	190.1	-51.6	82.6	82.6	-83.1	1.	0.0003	0.0004	0.2989	309.0	43.0
11680.	188.9	-51.6	83.5	83.5	-83.1	1.	0.0003	0.0004	0.2970	309.0	43.2
11718.	187.8	-51.8	83.7	83.7	-83.2	1.	0.0003	0.0004	0.2956	308.0	43.3
11759.	186.6	-52.0	84.1	84.1	-83.4	1.	0.0003	0.0004	0.2939	308.0	43.5
11801.	185.4	-52.2	84.2	84.2	-83.6	1.	0.0003	0.0003	0.2924	308.0	43.5
11843.	184.2	-52.6	84.4	84.4	-83.8	1.	0.0003	0.0003	0.2909	308.0	43.7
11885.	183.0	-52.9	84.6	84.6	-84.1	1.	0.0003	0.0003	0.2894	308.0	43.9
11928.	182.0	-53.1	84.8	84.8	-84.2	1.	0.0003	0.0003	0.2881	307.0	43.8
11959.	180.9	-53.2	85.3	85.3	-84.3	1.	0.0003	0.0003	0.2865	307.0	44.1
11995.	179.9	-53.2	85.9	85.9	-84.3	1.	0.0003	0.0003	0.2849	307.0	44.1
12027.	179.0	-53.1	86.5	86.5	-84.2	1.	0.0003	0.0003	0.2834	307.0	44.5
12063.	178.0	-53.0	87.3	87.3	-84.1	1.	0.0003	0.0003	0.2817	307.0	44.8
12100.	177.0	-53.1	87.7	87.7	-84.2	1.	0.0003	0.0003	0.2802	307.0	45.1
12140.	175.9	-53.1	88.3	88.3	-84.2	1.	0.0003	0.0003	0.2785	306.0	45.1
12176.	174.9	-53.1	88.9	88.9	-84.2	1.	0.0003	0.0003	0.2769	306.0	45.2
12213.	173.9	-53.1	89.5	89.5	-84.2	1.	0.0003	0.0003	0.2753	306.0	45.3
12258.	172.7	-53.1	90.2	90.2	-84.2	1.	0.0003	0.0003	0.2734	306.0	45.4
12303.	171.5	-53.0	91.1	91.1	-84.1	1.	0.0003	0.0003	0.2714	306.0	45.6
12344.	170.4	-53.0	91.8	91.8	-84.1	1.	0.0003	0.0003	0.2696	306.0	45.7
12386.	169.3	-53.1	92.3	92.3	-84.2	1.	0.0003	0.0003	0.2680	305.0	45.8
12424.	168.3	-53.3	92.6	92.6	-84.4	1.	0.0003	0.0003	0.2667	305.0	45.0
12466.	167.2	-53.5	92.9	92.9	-84.5	1.	0.0003	0.0003	0.2652	305.0	45.8
12504.	166.2	-53.6	93.4	93.4	-84.6	1.	0.0003	0.0003	0.2637	305.0	45.7
12543.	165.2	-53.8	93.7	93.7	-84.7	1.	0.0002	0.0003	0.2624	304.0	45.6
12582.	164.2	-53.9	94.2	94.2	-84.8	1.	0.0002	0.0003	0.2609	304.0	45.4
12621.	163.2	-53.9	94.8	94.8	-84.8	1.	0.0002	0.0003	0.2593	304.0	45.4
12661.	162.2	-53.8	95.6	95.6	-84.7	1.	0.0002	0.0003	0.2576	304.0	45.2
12696.	161.3	-53.6	96.0	96.0	-84.8	1.	0.0002	0.0003	0.2563	304.0	45.2
12736.	160.3	-54.0	96.5	96.5	-84.9	1.	0.0002	0.0003	0.2548	303.0	45.2
12779.	159.3	-54.1	97.0	97.0	-84.9	1.	0.0002	0.0003	0.2533	303.0	44.9
12817.	158.3	-54.1	97.7	97.7	-84.9	1.	0.0002	0.0003	0.2517	303.0	44.6
12853.	157.4	-54.0	98.5	98.5	-84.9	1.	0.0002	0.0003	0.2502	303.0	44.6
12894.	156.4	-54.0	99.1	99.1	-84.9	1.	0.0002	0.0003	0.2486	303.0	44.5
12931.	155.5	-54.0	99.8	99.8	-84.9	1.	0.0002	0.0003	0.2472	303.0	44.5
12968.	154.6	-53.9	100.5	100.5	-84.8	1.	0.0002	0.0003	0.2456	303.0	44.4
13005.	153.7	-54.0	101.0	101.0	-84.9	1.	0.0002	0.0003	0.2443	303.0	44.3
13047.	152.7	-54.0	101.7	101.7	-84.9	1.	0.0002	0.0003	0.2427	303.0	44.1
13085.	151.8	-54.0	102.3	102.3	-84.9	1.	0.0002	0.0003	0.2413	303.0	43.9
13123.	150.9	-54.0	102.8	102.8	-85.0	1.	0.0002	0.0003	0.2401	304.0	43.8
13166.	149.9	-54.3	103.2	103.2	-85.1	1.	0.0002	0.0003	0.2386	304.0	43.8
13204.	149.0	-54.4	103.6	103.6	-85.2	1.	0.0002	0.0003	0.2373	304.0	43.9
13247.	148.1	-54.3	104.5	104.5	-85.1	1.	0.0002	0.0003	0.2357	304.0	44.3

SOUNDING 11.0
LATITUDE -57.6 LONGITUDE 5.1
DATE 10-20-81 TIME 2342 GMT
NUMBER OF LEVELS 59

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	976.6	-3.7	-2.8	-1.6	-4.3	95.	4.2813	3.4506	1.2686	210.0	7.0
57.	971.5	-4.8	-2.6	-2.3	-5.2	88.	3.9915	3.2918	1.2634	210.0	6.4
110.	965.0	-5.9	-3.4	-2.7	-10.3	68.	2.5227	2.0937	1.2600	209.0	8.2
162.	958.6	-6.2	-3.4	-2.7	-10.4	69.	2.5112	2.0712	1.2555	209.0	9.4
213.	952.3	-6.6	-3.8	-2.8	-10.8	69.	2.4203	2.0037	1.2466	157.0	10.5
268.	945.7	-6.9	-3.8	-2.8	-11.0	70.	2.3978	1.9816	1.2393	146.0	11.0
321.	939.2	-7.2	-3.9	-2.7	-11.2	71.	2.3458	1.9429	1.2320	137.0	11.0
368.	933.6	-7.5	-4.1	-2.8	-11.0	70.	2.2775	1.8851	1.2221	131.0	11.0
432.	925.9	-6.6	-3.7	-2.4	-10.7	70.	2.4628	2.0317	1.2121	131.0	12.1
486.	919.7	-6.3	-3.4	-2.4	-10.7	69.	2.4933	2.0253	1.2027	131.0	12.1
539.	913.3	-6.7	-3.8	-2.6	-11.4	66.	2.3111	1.9041	1.1960	130.0	12.2
596.	906.7	-7.1	-4.4	-2.7	-11.8	66.	2.2216	1.8419	1.1891	129.0	12.2
656.	899.7	-7.4	-4.7	-2.7	-12.1	66.	2.1643	1.7964	1.1812	129.0	12.3
704.	894.2	-7.6	-5.1	-2.7	-12.1	67.	2.1501	1.7922	1.1748	128.0	11.9
759.	888.0	-7.8	-5.3	-2.8	-12.3	67.	2.1217	1.7655	1.1680	127.0	11.6
813.	882.0	-8.0	-5.5	-2.7	-12.5	67.	2.0945	1.7332	1.1606	126.0	11.6
864.	876.3	-8.2	-5.8	-2.8	-12.6	68.	2.0611	1.7143	1.1538	126.0	11.4
914.	870.3	-8.5	-6.1	-2.8	-12.8	68.	2.0055	1.6697	1.1473	127.0	11.3
965.	864.4	-8.7	-6.4	-2.8	-13.0	68.	1.9535	1.6357	1.1406	129.0	11.1
1019.	858.6	-9.1	-6.7	-2.8	-13.2	69.	1.9033	1.6251	1.1344	201.0	10.7
1075.	852.4	-9.8	-7.3	-2.8	-13.1	68.	1.8734	1.6036	1.1249	204.0	10.7
1130.	846.3	-9.7	-7.2	-2.8	-13.2	68.	1.8444	1.5874	1.1165	204.0	10.4
1182.	840.6	-9.7	-7.2	-2.8	-13.2	68.	1.8437	1.5874	1.1090	204.0	10.2
1232.	835.1	-9.8	-7.3	-2.8	-13.1	68.	1.8123	1.5634	1.1021	210.0	10.0
1277.	830.3	-9.8	-7.3	-2.8	-13.4	67.	1.8021	1.5523	1.0957	217.0	10.0
1344.	823.2	-9.9	-7.4	-2.8	-13.6	67.	1.7667	1.5251	1.0868	216.0	10.0
1403.	816.9	-9.9	-7.4	-2.8	-13.8	66.	1.7479	1.4880	1.0817	216.0	10.0
1457.	811.0	-10.1	-7.6	-2.8	-14.1	64.	1.7224	1.4636	1.0754	217.0	10.0
1516.	804.7	-10.4	-7.9	-2.8	-14.5	65.	1.6661	1.4241	1.0687	221.0	10.1
1572.	798.8	-10.7	-8.2	-2.8	-14.4	66.	1.6502	1.4134	1.0621	219.0	10.3
1628.	793.0	-11.1	-8.6	-2.8	-14.6	66.	1.6324	1.3994	1.0567	219.0	10.3
1686.	787.1	-11.5	-9.0	-2.8	-14.9	66.	1.6144	1.3847	1.0509	219.0	10.3
1736.	782.0	-11.8	-9.3	-2.8	-15.1	66.	1.5984	1.3726	1.0463	219.0	10.3
1788.	776.8	-12.2	-9.7	-2.8	-15.4	66.	1.5821	1.3597	1.0417	219.0	10.3
1838.	772.0	-12.6	-10.1	-2.8	-15.7	66.	1.5667	1.3467	1.0367	219.0	10.3
1885.	767.4	-13.0	-10.5	-2.8	-16.0	66.	1.5513	1.3334	1.0317	219.0	10.3
1934.	762.6	-13.4	-10.9	-2.8	-16.3	66.	1.5361	1.3203	1.0267	219.0	10.3
1982.	757.9	-13.8	-11.3	-2.8	-16.6	66.	1.5211	1.3073	1.0217	219.0	10.3
2032.	753.1	-14.2	-11.7	-2.8	-16.9	66.	1.5062	1.2945	1.0167	219.0	10.3
2082.	748.4	-14.6	-12.1	-2.8	-17.2	66.	1.4915	1.2817	1.0117	219.0	10.3
2132.	743.7	-15.0	-12.5	-2.8	-17.5	66.	1.4768	1.2691	1.0067	219.0	10.3
2181.	739.1	-15.4	-12.9	-2.8	-17.8	66.	1.4624	1.2566	1.0018	219.0	10.3
2231.	734.4	-15.8	-13.3	-2.8	-18.1	66.	1.4480	1.2442	0.9968	219.0	10.3
2281.	729.8	-16.2	-13.7	-2.8	-18.4	66.	1.4338	1.2319	0.9918	219.0	10.3
2331.	725.2	-16.6	-14.1	-2.8	-18.7	66.	1.4197	1.2197	0.9868	219.0	10.3
2381.	720.6	-17.0	-14.5	-2.8	-19.0	66.	1.4057	1.2076	0.9819	219.0	10.3
2431.	716.0	-17.4	-14.9	-2.8	-19.3	66.	1.3918	1.1956	0.9769	219.0	10.3
2481.	711.5	-17.8	-15.3	-2.8	-19.6	66.	1.3780	1.1837	0.9719	219.0	10.3
2531.	706.9	-18.2	-15.7	-2.8	-19.9	66.	1.3643	1.1719	0.9669	219.0	10.3
2581.	702.4	-18.6	-16.1	-2.8	-20.2	66.	1.3507	1.1602	0.9620	219.0	10.3
2631.	697.9	-19.0	-16.5	-2.8	-20.5	66.	1.3372	1.1486	0.9570	219.0	10.3
2681.	693.4	-19.4	-16.9	-2.8	-20.8	66.	1.3238	1.1371	0.9520	219.0	10.3
2731.	688.9	-19.8	-17.3	-2.8	-21.1	66.	1.3105	1.1257	0.9470	219.0	10.3
2781.	684.4	-20.2	-17.7	-2.8	-21.4	66.	1.2973	1.1143	0.9421	219.0	10.3
2831.	680.0	-20.6	-18.1	-2.8	-21.7	66.	1.2842	1.1030	0.9371	219.0	10.3
2881.	675.5	-21.0	-18.5	-2.8	-22.0	66.	1.2712	1.0918	0.9321	219.0	10.3
2931.	671.1	-21.4	-18.9	-2.8	-22.3	66.	1.2583	1.0807	0.9272	219.0	10.3
2981.	666.7	-21.8	-19.3	-2.8	-22.6	66.	1.2455	1.0697	0.9222	219.0	10.3
3031.	662.3	-22.2	-19.7	-2.8	-22.9	66.	1.2328	1.0587	0.9172	219.0	10.3
3081.	657.9	-22.6	-20.1	-2.8	-23.2	66.	1.2202	1.0478	0.9122	219.0	10.3
3131.	653.5	-23.0	-20.5	-2.8	-23.5	66.	1.2077	1.0370	0.9073	219.0	10.3
3181.	649.2	-23.4	-20.9	-2.8	-23.8	66.	1.1953	1.0263	0.9023	219.0	10.3
3231.	644.8	-23.8	-21.3	-2.8	-24.1	66.	1.1830	1.0156	0.8973	219.0	10.3
3281.	640.5	-24.2	-21.7	-2.8	-24.4	66.	1.1708	1.0050	0.8923	219.0	10.3
3331.	636.2	-24.6	-22.1	-2.8	-24.7	66.	1.1587	0.9945	0.8874	219.0	10.3
3381.	631.9	-25.0	-22.5	-2.8	-25.0	66.	1.1467	0.9841	0.8824	219.0	10.3
3431.	627.6	-25.4	-22.9	-2.8	-25.3	66.	1.1348	0.9737	0.8774	219.0	10.3
3481.	623.3	-25.8	-23.3	-2.8	-25.6	66.	1.1230	0.9634	0.8725	219.0	10.3
3531.	619.0	-26.2	-23.7	-2.8	-25.9	66.	1.1113	0.9532	0.8675	219.0	10.3
3581.	614.8	-26.6	-24.1	-2.8	-26.2	66.	1.0997	0.9430	0.8625	219.0	10.3
3631.	610.5	-27.0	-24.5	-2.8	-26.5	66.	1.0882	0.9329	0.8576	219.0	10.3
3681.	606.3	-27.4	-24.9	-2.8	-26.8	66.	1.0767	0.9229	0.8526	219.0	10.3
3731.	602.1	-27.8	-25.3	-2.8	-27.1	66.	1.0654	0.9129	0.8477	219.0	10.3
3781.	597.9	-28.2	-25.7	-2.8	-27.4	66.	1.0541	0.9030	0.8427	219.0	10.3
3831.	593.7	-28.6	-26.1	-2.8	-27.7	66.	1.0429	0.8931	0.8378	219.0	10.3
3881.	589.5	-29.0	-26.5	-2.8	-28.0	66.	1.0317	0.8833	0.8328	219.0	10.3
3931.	585.3	-29.4	-26.9	-2.8	-28.3	66.	1.0207	0.8735	0.8279	219.0	10.3
3981.	581.2	-29.8	-27.3	-2.8	-28.6	66.	1.0097	0.8638	0.8230	219.0	10.3
4031.	577.0	-30.2	-27.7	-2.8	-28.9	66.	0.9988	0.8542	0.8180	219.0	10.3
4081.	572.9	-30.6	-28.1	-2.8	-29.2	66.	0.9879	0.8446	0.8131	219.0	10.3
4131.	568.8	-31.0	-28.5	-2.8	-29.5	66.	0.9772	0.8350	0.8082	219.0	10.3
4181.	564.7	-31.4	-28.9	-2.8	-29.8	66.	0.9665	0.8255	0.8033	219.0	10.3
4231.	560.6	-31.8	-29.3	-2.8	-30.1	66.	0.9558	0.8161	0.7984	219.0	10.3
4281.	556.5	-32.2	-29.7	-2.8	-30.4	66.	0.9453	0.8067	0.7935	219.0	10.3
4331.	552.4	-32.6	-30.1	-2.8	-30.7	66.	0.9348	0.7974	0.7886	219.0	10.3
4381.	548.3	-33.0	-30.5	-2.8	-31.0	66.	0.9244	0.7881	0.7837	219.0	10.3
4431.	544.2	-33.4	-30.9	-2.8	-31.3	66.	0.9140	0.7789	0.7788	219.0	10.3
4481.	540.2	-33.8	-31.3	-2.8	-31.6	66.	0.9037	0.7697	0.7739	219.0	10.3
4531.	536.1	-34.2	-31.7	-2.8	-31.9	66.	0.8935	0.7606	0.7691	219.0	10.3
4581.	532.1	-34.6	-32.1	-2.8	-32.2	66.	0.8833	0.7515	0.7642	219.0	10.3
4631.	528.1	-35.0	-32.5	-2.8	-32.5	66.	0.8732	0.7425	0.7593	219.0	10.3
4681.	524.1	-35.4	-32.9	-2.8	-32.8	66.	0.8631	0.7335	0.7545	219.0	10.3
4731.	520.1	-35.8	-33.3	-2.8	-33.1	66.	0.8531	0.7246	0.7496	219.0	10.3
4781.	516.1	-36.2	-33.7	-2.8	-33.4	66.	0.8431	0.7157	0.7448	219.0	10.3
4831.	512.1	-36.6	-34.1	-2.8	-33.7	66.	0.8332	0.7068	0.7399	219.0	10.3
4881.	508.1	-37.0	-34.5	-2.8	-34.0	66.	0.8233	0.6980	0.7351	219.0	10.3
4931.	504.2	-37.4	-34.9	-2.8	-34.3	66.	0.8135	0.6893	0.7303	219.0	10.3
4981.	500.2	-37.8	-35.3	-2.8	-34.6	66.	0.8037	0.6806	0.7254	219.0	10.3
5031.	496.3	-38.2	-35.7	-2.8	-34.9	66.	0.7940	0.6719	0.7206	219.0	10.3
5081.	492.3	-38.6	-36.1	-2.8	-35.2	66.	0.7843	0.6633	0.7158	219.0	10.3
5131.	488.4	-39.0	-36.5	-2.8	-35.5	66.	0.7747	0.6547	0.7110	219.0	10.3
5181.	484.5	-39.4	-36.9	-2.8	-35.8	66.	0.7651	0.6462	0.7062	219.0	10.3
5231.	480.6	-39.8	-37.3	-2.8	-36.1	66.	0.7556	0.6377	0.7014	219.0	10.3
5281.	476.7	-40.2	-37.7	-2.8	-36.4	66.	0.7461	0.6293	0.6966	219.0	10.3
5331.	472.8	-40.6	-38.1	-2.8	-36.7	66.	0.7367	0.6209	0.6918	219.0	10.3
5381.	469.0	-41.0	-38.5	-2.8	-37.0	66.	0.7273	0.6125	0.6870	219.0	10.3
5431.	465.1	-41.4	-38.9	-2.8	-37.3	66.	0.7180	0.6042	0.6822	219.0	10.3
5481.	461.3	-41.8	-39.3	-2.8	-37.6	66.	0.7087	0.5959	0.6775	219.0	10.3
5531.	457.4	-42.2	-39.7	-2.8	-37.9	66.	0.6995	0.5877	0.6727	219.0	10.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2459.	476.6	-34.	[illegible]	[illegible]	-41.6	49.	[illegible]	0.1046	0.6876	284.0	11.7
2653.	461.4	-35.4	[illegible]	[illegible]	-42.7	47.	[illegible]	0.0964	0.6761	284.0	11.4
2729.	455.2	-35.7	[illegible]	[illegible]	-44.1	44.	[illegible]	0.0756	0.6642	284.0	11.1
2967.	435.5	-36.1	[illegible]	[illegible]	-46.7	44.	[illegible]	0.0573	0.6535	284.0	10.8
3114.	423.2	-41.3	[illegible]	[illegible]	-46.7	41.	[illegible]	0.0345	0.6426	284.0	10.7
3278.	410.1	-41.1	[illegible]	[illegible]	-51.2	41.	[illegible]	0.0237	0.6316	284.0	10.6
3401.	401.0	-44.	[illegible]	[illegible]	-51.6	40.	[illegible]	0.0211	0.6212	284.0	10.6
3552.	388.6	-43.1	[illegible]	[illegible]	-54.3	40.	[illegible]	0.0126	0.6099	284.0	10.6
3704.	376.2	-46.7	[illegible]	[illegible]	-54.3	44.	[illegible]	0.0096	0.5989	284.0	10.6
3911.	360.1	-44.4	[illegible]	[illegible]	-56.2	36.	[illegible]	0.0104	0.5892	284.0	11.
4081.	347.4	-44.4	[illegible]	[illegible]	-61.5	31.	[illegible]	0.0086	0.5783	284.0	10.7
4246.	334.1	-44.4	[illegible]	[illegible]	-61.5	31.	[illegible]	0.0086	0.5674	284.0	10.7
4424.	321.1	-44.7	[illegible]	[illegible]	-66.4	28.	[illegible]	0.0067	0.5568	284.0	10.7
4588.	308.7	-44.7	[illegible]	[illegible]	-66.4	28.	[illegible]	0.0067	0.5443	284.0	10.7
4751.	296.6	-45.1	[illegible]	[illegible]	-73.1	24.	[illegible]	0.0051	0.5327	284.0	10.7
4914.	284.8	-45.4	[illegible]	[illegible]	-75.3	23.	[illegible]	0.0042	0.5214	284.0	10.7
5119.	269.4	-47.2	[illegible]	[illegible]	-77.4	20.	[illegible]	0.0029	0.5090	284.0	10.7
5286.	258.0	-47.4	[illegible]	[illegible]	-81.4	19.	[illegible]	0.0024	0.4974	284.0	10.7
5457.	246.8	-47.7	[illegible]	[illegible]	-82.4	18.	[illegible]	0.0021	0.4858	284.0	10.7
5617.	236.4	-48.1	[illegible]	[illegible]	-84.5	17.	[illegible]	0.0019	0.4735	284.0	10.7
5813.	223.5	-48.4	[illegible]	[illegible]	-85.1	16.	[illegible]	0.0014	0.4609	284.0	21.1
5986.	213.7	-48.7	[illegible]	[illegible]	-86.2	15.	[illegible]	0.0014	0.4487	284.0	22.7
6161.	203.8	-48.7	[illegible]	[illegible]	-86.2	15.	[illegible]	0.0013	0.4338	284.0	22.7
6337.	194.2	-49.1	[illegible]	[illegible]	-84.7	14.	[illegible]	0.0009	0.4197	284.0	22.7
6567.	182.4	-49.4	[illegible]	[illegible]	-83.5	13.	[illegible]	0.0008	0.4049	284.0	22.1
6744.	173.7	-49.4	[illegible]	[illegible]	-87.5	13.	[illegible]	0.0007	0.3925	285.0	31.0
6928.	164.6	-49.7	[illegible]	[illegible]	-87.6	13.	[illegible]	0.0007	0.3816	286.0	33.6
10112.	163.4	-49.7	[illegible]	[illegible]	-87.6	13.	[illegible]	0.0007	0.3709	286.0	34.6
10296.	155.6	-49.7	[illegible]	[illegible]	-87.1	13.	[illegible]	0.0006	0.3586	287.0	36.2
10487.	146.8	-50.1	[illegible]	[illegible]	-86.7	13.	[illegible]	0.0006	0.3473	287.0	37.0
10685.	138.3	-50.1	[illegible]	[illegible]	-86.7	13.	[illegible]	0.0005	0.3377	287.0	37.0
10790.	133.7	-50.1	[illegible]	[illegible]	-86.7	13.	[illegible]	0.0005	0.3308	287.0	37.0
10921.	128.4	-50.7	[illegible]	[illegible]	-86.9	12.	[illegible]	0.0005	0.3241	287.0	38.0

SOUNDING 12:
LATITUDE -55.4 LONGITUDE 5.1
DATE 10-21-81 TIME 1145 GMT
NUMBER OF LEVELS 321

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	985.1	-6.1	-6.1	-6.4	-8.1	83.	4.3158	5.4771	1.2691	310.0	7.0
94.	977.4	-6.1	-6.1	-6.4	-13.0	45.	1.9975	1.6607	1.2668	309.0	6.8
110.	975.4	-6.4	-6.1	-6.4	-13.0	45.	1.9975	1.6962	1.2596	310.0	7.6
170.	967.8	-6.4	-6.1	-6.4	-14.6	40.	2.0348	1.6932	1.2527	310.0	8.4
254.	956.2	-6.1	-6.1	-6.4	-15.7	38.	2.0466	1.7041	1.2462	310.0	8.7
265.	954.1	-6.	-6.1	-6.4	-15.6	36.	2.0775	1.7341	1.2393	310.0	9.1
356.	941.9	-6.	-6.1	-6.4	-16.1	34.	2.0461	1.6967	1.2327	310.0	9.1
412.	934.7	-7.1	-6.9	-7.2	-15.4	36.	2.0198	1.6814	1.2256	310.0	9.2
472.	927.5	-7.	-6.7	-7.1	-13.1	41.	1.9532	1.6520	1.2179	310.0	9.2
525.	921.3	-7.	-6.7	-7.1	-13.3	42.	1.9466	1.6224	1.2099	310.0	9.0
597.	912.7	-7.	-6.7	-7.1	-13.2	42.	1.9456	1.6365	1.1999	310.0	9.0
669.	904.3	-7.	-6.7	-7.1	-13.6	40.	1.8817	1.5727	1.1905	310.0	8.8
722.	898.1	-7.1	-6.7	-7.1	-13.8	40.	1.8550	1.5465	1.1819	310.0	8.7
781.	891.3	-7.1	-6.7	-7.1	-14.2	39.	1.7971	1.4954	1.1747	310.0	8.5
839.	884.6	-6.7	-6.7	-7.1	-14.5	38.	1.8145	1.5175	1.1668	310.0	8.4
898.	878.2	-6.7	-6.7	-7.1	-17.6	28.	1.8866	1.5742	1.1589	310.0	8.3
956.	871.5	-6.7	-6.7	-7.1	-17.6	28.	2.0216	1.6662	1.1499	310.0	8.2
1016.	864.6	-6.7	-6.7	-7.1	-12.6	71.	2.0234	1.6844	1.1419	307.0	7.7
1078.	857.7	-6.7	-6.7	-7.1	-12.6	73.	2.0262	1.6864	1.1341	306.0	10.0
1139.	851.6	-6.7	-6.7	-7.1	-13.1	74.	2.0321	1.6857	1.1264	305.0	10.4
1201.	844.1	-6.7	-6.7	-7.1	-13.1	76.	1.9778	1.6448	1.1186	305.0	10.4
1262.	837.6	-10.2	-6.7	-7.1	-13.5	76.	1.9476	1.6237	1.1112	304.0	10.6
1324.	830.7	-10.2	-6.7	-7.1	-13.5	76.	1.8862	1.5827	1.1034	304.0	11.1
1385.	824.2	-10.7	-6.7	-7.1	-14.1	74.	1.8337	1.5186	1.0955	303.0	11.1
1448.	817.4	-10.7	-6.7	-7.1	-14.5	72.	1.7714	1.4522	1.0872	302.0	11.1
1511.	810.7	-11.3	-6.7	-7.1	-15.2	70.	1.6956	1.3658	1.0799	302.0	12.1
1572.	804.3	-11.7	-6.7	-7.1	-15.8	69.	1.6481	1.3015	1.0730	301.0	12.1
1634.	797.6	-11.7	-6.7	-7.1	-16.1	68.	1.6464	1.2615	1.0651	300.0	11.1
1715.	789.9	-12.1	-6.7	-7.1	-16.6	67.	1.6450	1.2118	1.0570	299.0	12.0
1764.	784.5	-12.1	-6.7	-7.1	-16.9	67.	1.5940	1.1705	1.0498	298.0	11.9
1820.	778.6	-12.1	-6.7	-7.1	-17.2	67.	1.5464	1.1404	1.0433	297.0	11.5
1881.	772.4	-12.1	-6.7	-7.1	-17.7	66.	1.4910	1.0950	1.0362	297.0	12.0
1940.	766.4	-12.1	-6.7	-7.1	-18.0	66.	1.4562	1.0667	1.0293	296.0	12.0
2000.	760.4	-13.7	-7.4	-7.8	-18.5	64.	1.4061	1.0177	1.0220	295.0	11.9
2063.	754.1	-14.1	-7.4	-7.8	-19.9	63.	1.3561	0.9850	1.0143	295.0	12.0
2128.	747.6	-14.1	-8.2	-8.4	-19.1	63.	1.3047	0.9594	1.0067	294.0	12.1
2193.	741.3	-14.5	-8.6	-8.7	-19.3	64.	1.3115	0.9486	0.9994	294.0	12.0
2258.	734.9	-14.9	-9.1	-9.1	-19.6	64.	1.0812	0.9238	0.9919	293.0	12.1
2322.	728.7	-15.1	-9.2	-9.4	-19.8	64.	1.0717	0.8996	0.9849	293.0	12.1
2385.	723.1	-15.4	-9.6	-9.8	-20.1	64.	1.0229	0.8760	0.9782	293.0	12.1
2445.	717.4	-15.1	-9.8	-10.0	-20.4	63.	1.0010	0.8582	0.9720	293.0	12.1
2496.	712.1	-16.2	-10.1	-10.1	-21.1	63.	0.9548	0.8035	0.9662	292.0	12.1
2556.	706.4	-16.5	-10.1	-10.4	-21.7	61.	0.8801	0.7584	0.9596	292.0	12.0
2616.	700.8	-17.0	-10.4	-10.8	-22.5	59.	0.8124	0.7023	0.9538	292.0	12.0
2677.	695.1	-17.4	-10.6	-10.8	-23.2	58.	0.7619	0.6604	0.9478	293.0	11.9
2739.	689.7	-17.9	-10.7	-10.8	-23.9	56.	0.7084	0.6159	0.9419	293.0	11.8
2793.	684.4	-18.4	-10.7	-10.8	-24.6	55.	0.6677	0.5785	0.9365	292.0	11.8
2855.	678.7	-18.8	-10.6	-11.0	-25.0	55.	0.6329	0.5527	0.9305	292.0	11.8
2916.	673.1	-19.4	-11.0	-11.1	-25.7	54.	0.5924	0.5188	0.9246	293.0	11.7
2976.	667.7	-19.8	-11.2	-11.3	-26.3	53.	0.5596	0.4912	0.9186	292.0	11.8
3034.	662.5	-20.2	-11.3	-11.3	-26.7	53.	0.5334	0.4692	0.9132	293.0	11.8
3090.	657.5	-20.8	-11.4	-11.4	-27.0	54.	0.5179	0.4559	0.9081	293.0	11.8
3145.	652.6	-21.3	-11.4	-11.4	-27.1	54.	0.5117	0.4507	0.9031	292.0	11.8
3201.	647.7	-21.8	-11.4	-11.5	-27.3	54.	0.5064	0.4449	0.8981	293.0	11.9
3256.	642.8	-22.4	-11.3	-11.4	-27.5	60.	0.4925	0.4345	0.8935	293.0	12.1
3315.	637.7	-22.8	-11.4	-11.5	-27.8	61.	0.4768	0.4211	0.8881	293.0	12.3
3371.	632.8	-23.4	-11.5	-11.5	-28.5	60.	0.4455	0.3954	0.8830	293.0	12.5
3427.	627.8	-23.9	-11.5	-11.6	-28.6	62.	0.4341	0.3891	0.8781	293.0	12.7
3479.	623.5	-24.4	-11.5	-11.6	-29.0	63.	0.4206	0.3768	0.8736	293.0	12.8
3536.	618.6	-24.7	-11.6	-11.7	-29.5	64.	0.4124	0.3684	0.8684	294.0	13.0
3592.	613.9	-24.8	-12.0	-12.0	-29.2	63.	0.4166	0.3696	0.8608	294.0	13.4
3648.	609.2	-24.8	-13.0	-14.6	-28.9	61.	0.4277	0.3794	0.8522	294.0	13.7
3705.	604.6	-25.0	-15.2	-15.4	-28.4	57.	0.4283	0.3799	0.8434	294.0	14.0
3760.	600.0	-25.1	-15.7	-15.8	-30.0	52.	0.3841	0.3413	0.8376	294.0	14.2
3821.	594.9	-25.9	-16.0	-16.0	-31.3	47.	0.3358	0.2982	0.8317	294.0	14.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3861.	666.1	-24.2	16.2	16.2	-32.5	43.	0.2927	0.2635	0.8262	294.0	14.7
3964.	665.1	-24.	16.2	16.2	-33.4	35.	0.2625	0.2367	0.8209	295.0	14.
4067.	664.1	-24.2	16.2	16.2	-32.4	36.	0.2178	0.1934	0.8156	295.0	15.1
4170.	663.1	-24.3	16.2	16.2	-34.6	29.	0.2331	0.2118	0.8104	295.0	15.3
4274.	662.1	-24.4	16.2	16.2	-34.2	44.	0.2521	0.2266	0.8052	295.0	15.4
4377.	661.1	-24.5	16.2	16.2	-33.7	47.	0.2566	0.2322	0.7998	296.0	15.6
4480.	660.1	-24.6	16.2	16.2	-33.9	48.	0.2510	0.2279	0.7946	296.0	15.7
4584.	659.2	-24.7	16.2	16.2	-34.5	47.	0.2364	0.2148	0.7893	296.0	15.8
4687.	658.2	-24.8	16.2	16.2	-35.6	44.	0.2125	0.1929	0.7847	296.0	15.9
4791.	657.2	-24.9	16.2	16.2	-36.7	41.	0.1868	0.1707	0.7797	296.0	16.0
4894.	656.2	-25.0	16.2	16.2	-37.2	41.	0.1775	0.1625	0.7746	296.0	16.1
4998.	655.3	-25.1	16.2	16.2	-38.1	39.	0.1586	0.1474	0.7697	297.0	16.1
5101.	654.3	-25.2	16.2	16.2	-38.6	37.	0.1440	0.1353	0.7644	297.0	16.1
5205.	653.3	-25.3	16.2	16.2	-39.0	36.	0.1333	0.1210	0.7602	297.0	16.1
5308.	652.4	-25.4	16.2	16.2	-40.7	35.	0.1189	0.1109	0.7557	297.0	16.1
5412.	651.4	-25.5	16.2	16.2	-40.8	36.	0.1161	0.1083	0.7512	296.0	16.1
5516.	650.4	-25.6	16.2	16.2	-41.5	36.	0.1088	0.1019	0.7467	297.0	16.0
5619.	649.5	-25.7	16.2	16.2	-41.7	37.	0.1062	0.0994	0.7420	297.0	16.0
5723.	648.5	-25.8	16.2	16.2	-41.8	38.	0.1050	0.0983	0.7378	296.0	15.9
5827.	647.5	-25.9	16.2	16.2	-41.7	42.	0.1060	0.0992	0.7331	296.0	15.8
5931.	646.6	-26.0	16.2	16.2	-42.1	43.	0.1017	0.0954	0.7285	296.0	15.6
6034.	645.6	-26.1	16.2	16.2	-42.6	43.	0.0964	0.0906	0.7240	296.0	15.5
6138.	644.6	-26.2	16.2	16.2	-43.4	41.	0.0870	0.0821	0.7195	296.0	15.4
6242.	643.7	-26.3	16.2	16.2	-44.3	38.	0.0749	0.0747	0.7145	296.0	15.4
6346.	642.7	-26.4	16.2	16.2	-44.6	33.	0.0467	0.0451	0.7097	297.0	15.3
6450.	641.8	-26.5	16.2	16.2	-45.0	31.	0.0161	0.0161	0.7045	296.0	15.2
6554.	640.8	-26.6	16.2	16.2	-45.7	31.	0.0161	0.0161	0.6994	297.0	15.1
6658.	639.9	-26.7	16.2	16.2	-46.1	31.	0.0141	0.0142	0.6536	297.0	15.0
6762.	638.9	-26.8	16.2	16.2	-46.1	31.	0.0139	0.0140	0.6881	297.0	14.9
6866.	638.0	-26.9	16.2	16.2	-46.4	31.	0.0117	0.0118	0.6829	297.0	14.8
6970.	637.0	-27.0	16.2	16.2	-46.4	31.	0.0119	0.0120	0.6770	297.0	14.8
7074.	636.1	-27.1	16.2	16.2	-46.6	31.	0.0114	0.0116	0.6726	297.0	14.9
7178.	635.1	-27.2	16.2	16.2	-47.1	31.	0.0093	0.0095	0.6680	297.0	14.8
7282.	634.2	-27.3	16.2	16.2	-47.4	31.	0.0090	0.0092	0.6628	297.0	14.8
7386.	633.2	-27.4	16.2	16.2	-47.6	31.	0.0070	0.0072	0.6576	297.0	14.8
7490.	632.3	-27.5	16.2	16.2	-47.8	31.	0.0067	0.0069	0.6525	297.0	14.8
7594.	631.3	-27.6	16.2	16.2	-48.1	31.	0.0048	0.0051	0.6475	297.0	14.8
7698.	630.4	-27.7	16.2	16.2	-48.4	31.	0.0047	0.0049	0.6424	297.0	14.8
7802.	629.4	-27.8	16.2	16.2	-48.6	31.	0.0029	0.0031	0.6382	297.0	14.9
7906.	628.5	-27.9	16.2	16.2	-48.8	31.	0.0028	0.0030	0.6339	296.0	14.8
8010.	627.5	-28.0	16.2	16.2	-49.0	31.	0.0013	0.0015	0.6295	296.0	14.8
8114.	626.6	-28.1	16.2	16.2	-49.2	31.	0.0013	0.0014	0.6250	296.0	14.8
8218.	625.6	-28.2	16.2	16.2	-49.4	31.	0.0012	0.0014	0.6203	296.0	14.8
8322.	624.7	-28.3	16.2	16.2	-49.6	31.	0.0024	0.0026	0.6158	295.0	14.7
8426.	623.7	-28.4	16.2	16.2	-49.8	31.	0.0034	0.0036	0.6116	295.0	14.7
8530.	622.8	-28.5	16.2	16.2	-50.0	31.	0.0043	0.0045	0.6080	294.0	14.6
8634.	621.8	-28.6	16.2	16.2	-50.2	31.	0.0051	0.0053	0.6038	294.0	14.6
8738.	620.9	-28.7	16.2	16.2	-50.4	31.	0.0067	0.0069	0.5997	294.0	14.5
8842.	619.9	-28.8	16.2	16.2	-50.6	31.	0.0073	0.0075	0.5956	293.0	14.5
8946.	619.0	-28.9	16.2	16.2	-50.8	31.	0.0068	0.0070	0.5922	293.0	14.4
9050.	618.0	-29.0	16.2	16.2	-51.0	31.	0.0063	0.0066	0.5885	293.0	14.2
9154.	617.1	-29.1	16.2	16.2	-51.2	31.	0.0067	0.0070	0.5848	293.0	14.2
9258.	616.1	-29.2	16.2	16.2	-51.4	31.	0.0063	0.0066	0.5813	293.0	14.2
9362.	615.2	-29.3	16.2	16.2	-51.6	31.	0.0060	0.0062	0.5777	293.0	14.1
9466.	614.2	-29.4	16.2	16.2	-51.8	31.	0.0056	0.0059	0.5741	293.0	14.1
9570.	613.3	-29.5	16.2	16.2	-52.0	31.	0.0053	0.0055	0.5703	293.0	14.1
9674.	612.3	-29.6	16.2	16.2	-52.2	31.	0.0050	0.0052	0.5666	293.0	14.1
9778.	611.4	-29.7	16.2	16.2	-52.4	31.	0.0042	0.0044	0.5626	294.0	14.2
9882.	610.4	-29.8	16.2	16.2	-52.6	31.	0.0034	0.0036	0.5584	294.0	14.2
9986.	609.5	-29.9	16.2	16.2	-52.8	31.	0.0032	0.0034	0.5542	294.0	14.2
10090.	608.5	-30.0	16.2	16.2	-53.0	31.	0.0030	0.0032	0.5502	294.0	14.2
10194.	607.6	-30.1	16.2	16.2	-53.2	31.	0.0029	0.0030	0.5461	294.0	14.4
10298.	606.6	-30.2	16.2	16.2	-53.4	31.	0.0027	0.0029	0.5422	294.0	14.4
10402.	605.7	-30.3	16.2	16.2	-53.6	31.	0.0026	0.0027	0.5382	294.0	14.4
10506.	604.7	-30.4	16.2	16.2	-53.8	31.	0.0021	0.0022	0.5341	294.0	14.5
10610.	603.8	-30.5	16.2	16.2	-54.0	31.	0.0021	0.0022	0.5295	294.0	14.6
10714.	602.8	-30.6	16.2	16.2	-54.2	31.	0.0017	0.0018	0.5253	295.0	14.8
10818.	601.9	-30.7	16.2	16.2	-54.4	31.	0.0013	0.0014	0.5216	295.0	14.8
10922.	600.9	-30.8	16.2	16.2	-54.7	31.	0.0010	0.0010	0.5175	295.0	14.9
11026.	600.0	-30.9	16.2	16.2	-55.0	31.	0.0010	0.0010	0.5134	295.0	15.2
11130.	599.0	-31.0	16.2	16.2	-55.3	31.	0.0006	0.0006	0.5093	295.0	15.3
11234.	598.1	-31.1	16.2	16.2	-55.6	31.	0.0003	0.0003	0.5050	296.0	15.4
11338.	597.1	-31.2	16.2	16.2	-55.9	31.	0.0003	0.0003	0.5012	295.0	15.5
11442.	596.2	-31.3	16.2	16.2	-56.2	31.	0.0003	0.0003	0.4972	295.0	15.7
11546.	595.2	-31.4	16.2	16.2	-56.5	31.	0.0002	0.0003	0.4934	295.0	15.8
11650.	594.3	-31.5	16.2	16.2	-56.8	31.	0.0002	0.0003	0.4894	295.0	15.9
11754.	593.3	-31.6	16.2	16.2	-57.1	31.	0.0002	0.0003	0.4853	295.0	16.0
11858.	592.4	-31.7	16.2	16.2	-57.4	31.	0.0002	0.0002	0.4810	295.0	16.1
11962.	591.4	-31.8	16.2	16.2	-57.7	31.	0.0002	0.0002	0.4766	295.0	16.3
12066.	590.5	-31.9	16.2	16.2	-58.0	31.	0.0002	0.0002	0.4731	295.0	16.5
12170.	589.5	-32.0	16.2	16.2	-58.3	31.	0.0002	0.0002	0.4698	295.0	16.6
12274.	588.6	-32.1	16.2	16.2	-58.6	31.	0.0002	0.0002	0.4665	295.0	16.9
12378.	587.6	-32.2	16.2	16.2	-58.9	31.	0.0002	0.0002	0.4627	294.0	17.1
12482.	586.7	-32.3	16.2	16.2	-59.2	31.	0.0002	0.0002	0.4592	294.0	17.4
12586.	585.7	-32.4	16.2	16.2	-59.5	31.	0.0001	0.0002	0.4558	294.0	17.7
12690.	584.8	-32.5	16.2	16.2	-59.8	31.	0.0002	0.0002	0.4523	293.0	18.1
12794.	583.8	-32.6	16.2	16.2	-60.1	31.	0.0002	0.0002	0.4472	293.0	18.5
12898.	582.9	-32.7	16.2	16.2	-60.4	31.	0.0002	0.0002	0.4430	293.0	19.1
13002.	581.9	-32.8	16.2	16.2	-60.7	31.	0.0002	0.0002	0.4387	293.0	19.6
13106.	581.0	-32.9	16.2	16.2	-61.0	31.	0.0002	0.0002	0.4347	292.0	20.1
13210.	580.0	-33.0	16.2	16.2	-61.3	31.	0.0002	0.0002	0.4304	292.0	20.8
13314.	579.1	-33.1	16.2	16.2	-61.6	31.	0.0002	0.0002	0.4262	292.0	21.3
13418.	578.1	-33.2	16.2	16.2	-61.9	31.	0.0002	0.0002	0.4221	292.0	21.9
13522.	577.2	-33.3	16.2	16.2	-62.2	31.	0.0002	0.0002	0.4182	291.0	22.5
13626.	576.2	-33.4	16.2	16.2	-62.5	31.	0.0002	0.0002	0.4149	291.0	23.1
13730.	575.3	-33.5	16.2	16.2	-62.8	31.	0.0002	0.0002	0.4114	291.0	23.6
13834.	574.3	-33.6	16.2	16.2	-63.1	31.	0.0002	0.0002	0.4070	291.0	24.1
13938.	573.4	-33.7	16.2	16.2	-63.4	31.	0.0002	0.0002	0.4031	290.0	24.6
14042.	572.4	-33.8	16.2	16.2	-63.7	31.	0.0002	0.0002	0.3987	290.0	24.9
14146.	571.5	-33.9	16.2	16.2	-64.0	31.	0.0002	0.0003	0.3953	290.0	25.3
14250.	570.5	-34.0	16.2	16.2	-64.3	31.	0.0002	0.0003	0.3919	290.0	25.7
14354.	569.6	-34.1	16.2	16.2	-64.6	31.	0.0002	0.0003	0.3880	290.0	25.9
14458.	568.6	-34.2	16.2	16.2	-64.9	31.	0.0002	0.0003	0.3842	289.0	26.1
14562.	567.7	-34.3	16.2	16.2	-65.2	31.	0.0002	0.0003	0.3808	289.0	26.3
14666.	566.7	-34.4	16.2	16.2	-65.5	31.	0.0002	0.0003	0.3773	288.0	26.5
14770.	565.8	-34.5	16.2	16.2	-65.8	31.	0.0002	0.0003	0.3738	288.0	26.7
14874.	564.8	-34.6	16.2	16.2	-66.1	31.	0.0002	0.0003	0.3703	288.0	26.9
14978.	563.9	-34.7	16.2	16.2	-66.4	31.	0.0002	0.0003	0.3670	288.0	27.1
15082.	562.9	-34.8	16.2	16.2	-66.7	31.	0.0002	0.0003	0.3636	287.0	27.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10236.	227.6	-53.2	62.5	62.5	-84.3	1.	0.0000	0.0003	0.3605	287.0	27.0
10293.	225.6	-53.2	63.4	63.4	-84.3	1.	0.0000	0.0003	0.3573	287.0	27.2
10350.	223.6	-53.2	64.2	64.2	-84.3	1.	0.0000	0.0003	0.3541	287.0	27.3
10408.	221.7	-53.1	65.2	65.2	-84.2	1.	0.0000	0.0003	0.3510	287.0	27.6
10458.	219.9	-53.2	65.8	65.8	-84.3	1.	0.0000	0.0003	0.3483	287.0	27.8
10507.	218.2	-53.0	66.9	66.9	-84.1	1.	0.0000	0.0003	0.3453	287.0	28.0
10561.	216.4	-52.7	68.2	68.2	-83.9	1.	0.0000	0.0003	0.3420	287.0	28.1
10615.	214.6	-52.3	69.6	69.6	-83.6	1.	0.0000	0.0003	0.3385	287.0	28.4
10669.	212.8	-51.8	71.2	71.2	-83.2	1.	0.0000	0.0004	0.3349	287.0	28.7
10724.	211.0	-51.4	72.7	72.7	-83.0	1.	0.0000	0.0004	0.3315	287.0	28.9
10777.	209.3	-51.2	73.8	73.8	-82.8	1.	0.0000	0.0004	0.3285	287.0	29.0
10830.	207.6	-51.0	74.9	74.9	-82.7	1.	0.0000	0.0004	0.3255	287.0	29.2
10883.	206.0	-51.0	75.7	75.7	-82.7	1.	0.0000	0.0004	0.3230	287.0	29.3
10934.	204.3	-50.8	76.8	76.8	-82.5	1.	0.0000	0.0004	0.3201	287.0	29.5
10988.	202.6	-50.6	78.0	78.0	-82.4	1.	0.0000	0.0004	0.3171	287.0	29.6
11040.	201.0	-50.2	79.4	79.4	-82.1	1.	0.0000	0.0004	0.3141	287.0	29.8
11092.	199.4	-49.9	80.7	80.7	-81.9	1.	0.0000	0.0004	0.3111	287.0	30.0
11144.	197.8	-49.7	81.8	81.8	-81.7	1.	0.0000	0.0004	0.3084	287.0	30.1
11201.	196.1	-49.7	82.7	82.7	-81.7	1.	0.0000	0.0004	0.3057	287.0	30.3
11254.	194.5	-49.7	83.5	83.5	-81.7	1.	0.0000	0.0004	0.3032	287.0	30.4
11309.	192.9	-49.7	84.4	84.4	-81.7	1.	0.0000	0.0004	0.3007	287.0	30.5
11363.	191.3	-49.1	86.2	86.2	-81.3	1.	0.0000	0.0004	0.2974	287.0	30.7
11418.	189.7	-49.2	86.9	86.9	-81.3	1.	0.0000	0.0004	0.2951	287.0	30.8
11480.	187.9	-49.3	87.7	87.7	-81.4	1.	0.0000	0.0004	0.2924	287.0	30.9
11543.	186.1	-49.3	88.7	88.7	-81.4	1.	0.0000	0.0004	0.2896	287.0	31.0
11598.	184.7	-49.2	89.6	89.6	-81.3	1.	0.0000	0.0004	0.2877	287.0	31.0
11642.	183.3	-49.2	90.4	90.4	-81.3	1.	0.0000	0.0004	0.2851	287.0	31.1
11696.	181.8	-49.3	91.1	91.1	-81.4	1.	0.0000	0.0004	0.2829	287.0	31.2
11754.	180.2	-49.5	91.7	91.7	-81.6	1.	0.0000	0.0004	0.2807	287.0	31.2
11812.	178.6	-49.5	92.7	92.7	-81.6	1.	0.0000	0.0004	0.2782	287.0	31.3
11867.	177.1	-49.6	93.5	93.5	-81.6	1.	0.0000	0.0004	0.2759	286.9	31.4
11923.	175.6	-49.4	94.4	94.4	-81.5	1.	0.0000	0.0004	0.2734	286.9	31.5
11979.	174.1	-49.2	95.2	95.2	-81.3	1.	0.0000	0.0004	0.2708	286.9	31.6
12032.	172.7	-48.9	97.2	97.2	-81.1	1.	0.0000	0.0004	0.2683	286.9	31.6
12085.	171.3	-48.7	98.4	98.4	-81.0	1.	0.0000	0.0004	0.2659	286.9	31.7
12139.	169.9	-48.7	99.2	99.2	-81.0	1.	0.0000	0.0004	0.2637	287.0	31.7
12193.	168.5	-48.6	99.9	99.9	-81.0	1.	0.0000	0.0004	0.2616	287.0	31.8
12248.	167.1	-49.1	100.3	100.3	-81.3	1.	0.0000	0.0004	0.2598	287.0	31.9
12303.	165.7	-49.4	100.7	100.7	-81.5	1.	0.0000	0.0004	0.2580	287.0	31.9
12359.	164.3	-49.6	101.3	101.3	-81.6	1.	0.0000	0.0004	0.2560	287.0	31.9
12411.	163.0	-49.7	102.0	102.0	-81.7	1.	0.0000	0.0004	0.2541	287.0	32.0
12467.	161.6	-49.7	102.9	102.9	-81.7	1.	0.0000	0.0004	0.2519	287.0	32.0
12524.	160.2	-49.6	104.0	104.0	-81.6	1.	0.0000	0.0004	0.2496	287.0	32.0
12581.	158.8	-49.7	104.8	104.8	-81.7	1.	0.0000	0.0004	0.2476	287.0	32.0
12639.	157.4	-49.8	105.6	105.6	-81.8	1.	0.0000	0.0004	0.2455	287.0	32.0
12693.	156.1	-49.8	106.5	106.5	-81.8	1.	0.0000	0.0004	0.2435	287.0	32.0
12748.	154.8	-49.8	107.4	107.4	-81.8	1.	0.0000	0.0004	0.2414	287.0	32.0
12803.	153.5	-49.8	108.3	108.3	-81.8	1.	0.0000	0.0004	0.2394	287.0	32.0
12858.	152.2	-49.8	109.2	109.2	-81.8	1.	0.0000	0.0004	0.2374	287.0	32.0
12914.	150.9	-50.1	109.7	109.7	-82.0	1.	0.0000	0.0004	0.2357	286.9	32.0
12975.	149.5	-50.4	110.2	110.2	-82.2	1.	0.0000	0.0004	0.2338	286.9	32.0
13032.	148.2	-50.6	110.8	110.8	-82.4	1.	0.0000	0.0004	0.2320	286.9	32.0
13089.	146.9	-50.8	111.4	111.4	-82.5	1.	0.0000	0.0004	0.2302	286.9	32.0
13147.	145.6	-51.2	111.7	111.7	-82.8	1.	0.0000	0.0004	0.2285	286.9	32.0
13201.	144.4	-51.5	112.1	112.1	-83.0	1.	0.0000	0.0004	0.2269	286.9	32.0
13259.	143.1	-51.7	112.7	112.7	-83.2	1.	0.0000	0.0004	0.2251	286.9	32.0
13314.	141.9	-52.0	113.1	113.1	-83.4	1.	0.0000	0.0004	0.2235	286.9	32.0
13373.	140.6	-52.3	113.6	113.6	-83.6	1.	0.0000	0.0003	0.2219	286.9	32.0
13433.	139.3	-52.1	114.3	114.3	-83.5	1.	0.0000	0.0003	0.2196	286.9	32.0
13494.	138.0	-51.9	114.9	114.9	-83.3	1.	0.0000	0.0004	0.2173	286.9	32.0
13555.	136.8	-51.7	115.7	115.7	-83.2	1.	0.0000	0.0004	0.2152	286.9	32.0
13618.	135.5	-51.4	116.3	116.3	-83.0	1.	0.0000	0.0004	0.2129	286.9	32.0
13675.	134.2	-51.1	117.1	117.1	-82.7	1.	0.0000	0.0004	0.2104	286.9	32.0
13738.	132.9	-50.8	117.9	117.9	-82.4	1.	0.0000	0.0004	0.2080	286.9	32.0
13797.	131.7	-50.6	118.7	118.7	-82.1	1.	0.0000	0.0004	0.2059	286.9	32.0
13857.	130.5	-50.3	119.5	119.5	-82.1	1.	0.0000	0.0004	0.2040	286.9	32.0
13922.	129.2	-50.4	120.5	120.5	-82.2	1.	0.0000	0.0004	0.2021	286.9	32.0
13986.	127.9	-50.6	121.3	121.3	-82.4	1.	0.0000	0.0004	0.2002	286.9	32.0
14049.	126.7	-50.8	122.0	122.0	-82.5	1.	0.0000	0.0004	0.1985	286.9	32.0
14111.	125.5	-50.9	122.9	122.9	-82.6	1.	0.0000	0.0004	0.1967	286.9	32.0
14178.	124.2	-51.2	123.6	123.6	-82.8	1.	0.0000	0.0004	0.1949	286.9	32.0
14241.	123.0	-51.3	124.3	124.3	-83.1	1.	0.0000	0.0004	0.1934	286.9	32.0
14310.	121.7	-51.6	125.0	125.0	-83.3	1.	0.0000	0.0004	0.1916	286.9	32.0
14374.	120.5	-51.6	125.8	125.8	-83.2	1.	0.0000	0.0004	0.1896	286.9	32.0
14444.	119.2	-51.8	126.6	126.6	-83.4	1.	0.0000	0.0004	0.1876	286.9	32.0
14510.	118.0	-52.0	127.4	127.4	-83.4	1.	0.0000	0.0004	0.1859	286.9	32.0
14577.	116.8	-52.0	128.2	128.2	-83.5	1.	0.0000	0.0004	0.1844	286.9	32.0
14651.	115.6	-52.0	129.0	129.0	-83.4	1.	0.0000	0.0004	0.1824	286.9	32.0
14723.	114.4	-51.9	129.7	129.7	-83.3	1.	0.0000	0.0004	0.1805	286.9	32.0
14791.	113.3	-51.8	130.3	130.3	-83.1	1.	0.0000	0.0004	0.1785	286.9	32.0
14824.	112.4	-51.8	130.6	130.6	-83.1	1.	0.0000	0.0004	0.1767	286.9	32.0
14886.	111.3	-51.8	131.2	131.2	-83.0	1.	0.0000	0.0004	0.1748	286.9	32.0
14959.	110.2	-51.8	131.7	131.7	-82.9	1.	0.0000	0.0004	0.1729	286.9	32.0
15012.	109.2	-51.8	132.4	132.4	-82.9	1.	0.0000	0.0004	0.1711	286.9	32.0
15072.	108.2	-51.8	133.1	133.1	-82.9	1.	0.0000	0.0004	0.1693	286.9	32.0
15132.	107.2	-51.8	133.8	133.8	-82.9	1.	0.0000	0.0004	0.1677	286.9	32.0
15193.	106.2	-51.8	134.5	134.5	-82.9	1.	0.0000	0.0004	0.1661	286.9	32.0
15259.	105.2	-51.8	135.2	135.2	-82.9	1.	0.0000	0.0004	0.1646	286.9	32.0
15317.	104.2	-51.7	135.8	135.8	-82.8	1.	0.0000	0.0004	0.1632	286.9	32.0
15377.	103.2	-51.6	136.4	136.4	-82.7	1.	0.0000	0.0004	0.1614	286.9	32.0
15443.	102.2	-51.6	137.1	137.1	-82.7	1.	0.0000	0.0004	0.1601	286.9	32.0
15506.	101.2	-51.6	137.8	137.8	-82.7	1.	0.0000	0.0004	0.1588	286.9	32.0
15571.	100.2	-51.6	138.4	138.4	-82.6	1.	0.0000	0.0004	0.1571	286.9	32.0
15636.	99.2	-51.7	139.2	139.2	-82.7	1.	0.0000	0.0004	0.1553	286.9	32.0
15698.	98.2	-51.8	139.7	139.7	-82.8	1.	0.0000	0.0004	0.1538	286.9	32.0
15755.	97.4	-51.8	140.1	140.1	-82.8	1.	0.0000	0.0004	0.1525	286.9	32.0
15816.	96.5	-51.8	140.7	140.7	-82.8	1.	0.0000	0.0004	0.1509	286.9	32.0
15877.	95.6	-51.8	141.4	141.4	-82.8	1.	0.0000	0.0004	0.1495	286.9	32.0
15934.	94.7	-51.8	142.0	142.0	-82.8	1.	0.0000	0.0004	0.1482	286.9	32.0
16000.	93.8	-51.7	142.7	142.7	-82.8	1.	0.0000	0.0004	0.1469	286.9	32.0
16059.	92.9	-51.8	143.4	143.4	-82.8	1.	0.0000	0.0004	0.1458	286.9	32.0
16119.	92.1	-51.8	143.9	143.9	-82.8	1.	0.0000	0.0004	0.1445	286.9	32.0
16178.	91.3	-51.8	144.5	144.5	-82.8	1.	0.0000	0.0004	0.1436	286.9	32.0
16240.	90.4	-51.8	145.2	145.2	-82.8	1.	0.0000	0.0004	0.1422	286.9	32.0
16298.	89.5	-51.8	145.8	145.8	-82.8	1.	0.0000	0.0004	0.1409	286.9	32.0
16356.	88.8	-51.8	146.4	146.4	-82.8	1.	0.0000	0.0004	0.1399	286.9	32.0
16415.	88.0	-51.8	147.0	147.0	-82.8	1.	0.0000	0.0004	0.1386	286.9	32.0
16482.	87.1	-51.8	147.7	147.7	-82.8	1.	0.0000	0.0004	0.1374	286.9	32.0
16542.	86.3	-51.8	148.3	148.3	-82.8	1.	0.0000	0.0004	0.1360	286.9	32.0
									0.1349	286.9	32.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
16611.	85.4	-59.1	177.5	177.3	-82.0	1.	0.0004	0.0004	0.1334	283.0	51.6
16672.	84.6	-59.1	178.5	178.5	-82.0	1.	0.0004	0.0004	0.1321	283.0	51.9
16734.	83.8	-59.0	179.9	179.9	-81.9	1.	0.0004	0.0004	0.1308	283.0	52.0
16739.	83.1	-59.0	181.0	181.0	-81.9	1.	0.0004	0.0004	0.1297	283.0	52.2
16852.	82.3	-59.1	182.6	182.5	-82.0	1.	0.0004	0.0004	0.1285	283.0	52.5
16915.	81.5	-59.3	182.9	182.9	-82.1	1.	0.0004	0.0004	0.1274	283.0	52.5
16980.	80.7	-59.6	183.6	183.6	-82.4	1.	0.0004	0.0004	0.1263	283.0	52.6
17044.	79.9	-59.8	184.5	184.5	-82.5	1.	0.0004	0.0004	0.1252	283.0	52.8
17110.	79.1	-59.9	185.4	185.4	-82.7	1.	0.0003	0.0004	0.1240	283.0	52.7
17167.	78.4	-59.9	186.3	186.3	-82.7	1.	0.0003	0.0004	0.1230	283.0	52.7
17226.	77.7	-59.9	187.7	187.7	-82.7	1.	0.0003	0.0004	0.1218	282.0	52.8
17293.	76.9	-59.9	188.9	188.9	-82.7	1.	0.0003	0.0004	0.1206	282.0	52.7
17352.	76.2	-59.9	189.7	189.7	-82.5	1.	0.0003	0.0004	0.1197	282.0	52.7
17421.	75.4	-59.8	191.3	191.3	-82.6	1.	0.0003	0.0004	0.1183	282.0	52.7
17481.	74.7	-59.9	192.7	192.7	-82.7	1.	0.0003	0.0004	0.1172	282.0	52.6
17542.	74.0	-59.9	194.4	194.4	-82.6	1.	0.0004	0.0004	0.1160	281.0	52.6
17604.	73.3	-59.6	196.3	196.3	-82.4	1.	0.0004	0.0004	0.1147	281.0	52.5
17667.	72.6	-59.4	198.4	198.4	-82.1	1.	0.0004	0.0004	0.1134	281.0	52.6
17721.	72.0	-49.8	200.4	200.4	-61.8	1.	0.0004	0.0005	0.1123	281.0	52.5
17785.	71.3	-49.7	201.9	201.9	-61.7	1.	0.0004	0.0005	0.1112	281.0	52.4
17845.	70.7	-49.7	203.1	203.1	-81.7	1.	0.0004	0.0005	0.1102	280.0	52.5
17905.	70.0	-49.8	204.8	204.8	-81.8	1.	0.0004	0.0005	0.1092	280.0	52.4
17961.	69.4	-49.8	205.2	205.2	-81.9	1.	0.0004	0.0005	0.1083	280.0	52.5
18027.	68.7	-49.5	207.4	207.4	-81.6	1.	0.0004	0.0005	0.1070	280.0	52.5
18085.	68.1	-49.9	209.9	209.9	-81.1	1.	0.0005	0.0005	0.1058	280.0	52.6
18152.	67.4	-49.2	212.9	212.9	-80.6	1.	0.0005	0.0006	0.1044	280.0	52.6
18211.	66.8	-47.3	216.1	216.1	-79.9	1.	0.0005	0.0006	0.1030	280.0	52.7
18271.	66.2	-47.2	217.5	217.5	-79.8	1.	0.0005	0.0006	0.1021	280.0	52.7
18331.	65.6	-47.3	218.6	218.6	-79.9	1.	0.0005	0.0006	0.1012	280.0	52.8
18402.	64.9	-47.6	219.4	219.4	-80.2	1.	0.0005	0.0006	0.1002	280.0	52.9
18469.	64.3	-48.0	219.9	219.9	-80.6	1.	0.0005	0.0006	0.0995	280.0	52.9
18525.	63.7	-48.5	220.1	220.1	-80.8	1.	0.0005	0.0005	0.0988	280.0	53.1
18587.	63.1	-47.9	220.3	220.3	-81.2	1.	0.0004	0.0005	0.0981	280.0	53.1
18660.	62.4	-48.7	222.6	222.6	-81.0	1.	0.0004	0.0005	0.0968	280.0	53.2
18723.	61.8	-48.5	224.4	224.4	-80.8	1.	0.0004	0.0005	0.0958	280.0	53.2
18787.	61.2	-48.5	225.8	225.8	-80.8	1.	0.0004	0.0005	0.0949	280.0	53.4
18852.	60.6	-48.6	227.0	227.0	-80.9	1.	0.0004	0.0005	0.0940	280.0	53.5
18917.	60.0	-48.7	228.2	228.2	-81.0	1.	0.0004	0.0005	0.0931	279.0	53.6
18972.	59.5	-48.6	229.6	229.6	-80.9	1.	0.0004	0.0005	0.0923	279.0	53.8
19039.	58.9	-48.5	231.3	231.3	-80.8	1.	0.0004	0.0005	0.0913	279.0	53.9
19095.	58.4	-48.3	232.9	232.9	-80.7	1.	0.0004	0.0005	0.0905	279.0	54.0
19163.	57.8	-48.3	234.4	234.4	-80.7	1.	0.0004	0.0005	0.0896	277.0	54.2
19220.	57.3	-48.5	235.2	235.2	-80.8	1.	0.0004	0.0005	0.0889	276.0	54.6
19284.	56.7	-48.5	236.4	236.4	-80.8	1.	0.0004	0.0005	0.0879	276.0	54.8
19347.	56.2	-48.5	238.1	238.1	-80.8	1.	0.0004	0.0005	0.0871	276.0	54.9
19406.	55.7	-48.4	239.6	239.6	-80.8	1.	0.0004	0.0005	0.0863	276.0	54.9
19468.	55.2	-48.2	241.4	241.4	-80.6	1.	0.0004	0.0005	0.0855	276.0	54.9
19525.	54.7	-48.2	243.2	243.2	-80.5	1.	0.0004	0.0006	0.0846	99.9	99.9

SOUNDING 13.2
LATITUDE -59.2 LONGITUDE 9.2
DATE 10-21-81 TIME 2356 GMT
NUMBER OF LEVELS 390

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	982.1	-7.9	-6.1	-5.8	-9.6	83.	2.6991	2.2193	1.2901	270.0	7.0
56.	975.1	-7.9	-6.0	-5.7	-10.9	83.	2.6065	2.1463	1.2828	270.0	7.0
111.	968.2	-8.4	-5.9	-5.7	-10.6	82.	2.4047	2.0345	1.2760	269.0	8.0
165.	961.4	-8.9	-5.9	-5.7	-11.1	82.	2.3587	1.9586	1.2694	268.0	8.9
218.	954.9	-9.3	-5.8	-5.6	-11.4	82.	2.3147	1.9078	1.2627	267.0	9.5
271.	948.3	-9.8	-5.8	-5.6	-11.6	84.	2.2714	1.8814	1.2553	266.0	9.9
324.	942.0	-9.9	-5.4	-5.2	-13.7	71.	1.8894	1.5613	1.2481	266.0	10.2
374.	936.7	-9.6	-4.9	-4.8	-15.6	57.	1.5412	1.2976	1.2381	266.0	10.4
426.	931.4	-9.5	-3.9	-3.8	-19.7	43.	1.1736	0.9959	1.2290	266.0	10.4
477.	926.3	-9.6	-3.6	-3.4	-23.6	27.	0.7390	0.6339	1.2211	265.0	10.4
531.	921.0	-9.7	-3.1	-3.0	-25.3	23.	0.6164	0.5389	1.2130	265.0	10.3
584.	915.8	-9.8	-2.6	-2.6	-26.8	20.	0.5312	0.4672	1.2043	265.0	10.1
643.	910.2	-9.9	-2.1	-2.1	-24.5	17.	0.4475	0.3963	1.1952	265.0	10.0
701.	894.8	-10.0	-1.7	-1.6	-22.1	16.	0.4175	0.3707	1.1876	266.0	9.9
757.	890.3	-10.3	-1.4	-1.3	-22.5	22.	0.8150	0.7028	1.1806	266.0	9.8
817.	883.4	-10.5	-1.1	-0.9	-23.0	31.	0.7775	0.6702	1.1723	266.0	10.0
879.	876.7	-10.9	-0.9	-0.6	-23.4	31.	0.7465	0.6476	1.1652	266.0	10.1
935.	869.9	-11.4	-0.8	-0.7	-23.5	32.	0.7366	0.6396	1.1584	267.0	10.1
998.	862.8	-11.8	-0.8	-0.8	-23.6	33.	0.7330	0.6363	1.1507	268.0	10.2
1061.	855.7	-12.1	-0.7	-0.8	-23.6	33.	0.7134	0.6252	1.1425	268.0	10.2
1124.	848.6	-12.4	0.1	0.2	-25.1	30.	0.6512	0.5513	1.1343	269.0	10.3
1186.	841.8	-12.7	0.4	0.5	-26.8	28.	0.5304	0.4682	1.1264	269.0	10.3
1247.	835.1	-13.1	0.8	0.7	-27.1	26.	0.5134	0.4561	1.1191	269.0	10.3
1308.	828.4	-13.4	0.9	1.0	-27.4	26.	0.4984	0.4434	1.1114	270.0	10.3
1368.	821.9	-13.8	1.1	1.2	-28.2	25.	0.5746	0.5035	1.1045	270.0	10.3
1426.	815.6	-14.2	1.3	1.4	-25.2	35.	0.6255	0.5461	1.0976	270.0	10.3
1486.	809.2	-14.5	1.6	1.7	-24.1	40.	0.6846	0.6046	1.0905	270.0	10.2
1546.	802.7	-14.9	1.8	1.9	-23.5	44.	0.7367	0.6394	1.0834	271.0	10.2
1604.	796.6	-15.2	2.1	2.2	-22.7	44.	0.7380	0.6404	1.0765	272.0	10.2
1660.	790.7	-15.6	2.3	2.4	-22.3	53.	0.8418	0.7184	1.0702	272.0	10.1
1717.	784.7	-16.0	2.4	2.5	-21.9	57.	0.8816	0.7433	1.0638	273.0	10.1
1775.	778.5	-16.3	2.4	2.5	-22.1	60.	0.9646	0.8276	1.0580	274.0	10.0
1834.	772.2	-16.4	4.4	4.5	-16.7	67.	1.0710	0.9155	1.0516	274.0	10.0
1901.	765.6	-16.2	5.2	5.4	-18.7	72.	1.1724	0.9984	1.0452	274.0	10.0
1961.	759.7	-15.8	5.5	5.7	-18.3	77.	1.2195	1.0366	1.0382	275.0	10.0
2017.	754.1	-15.6	5.8	6.0	-17.9	82.	1.2636	1.0743	1.0219	276.0	10.0
2076.	748.2	-16.2	5.8	6.1	-17.9	84.	1.2844	1.0934	1.0159	276.0	10.1
2140.	741.9	-16.8	5.8	6.0	-18.2	84.	1.2734	1.0890	1.0092	276.0	10.1
2202.	735.7	-17.4	6.0	6.2	-18.4	81.	1.2570	1.0751	1.0031	277.0	10.2
2264.	729.2	-18.0	6.1	6.3	-18.7	84.	1.1792	1.0031	0.9966	278.0	10.3
2325.	722.9	-18.5	6.4	6.6	-19.0	87.	1.1196	0.9479	0.9909	279.0	10.4
2401.	715.4	-19.2	6.4	6.6	-19.8	93.	1.0622	0.9066	0.9829	279.0	10.6
2465.	709.2	-19.8	6.8	7.0	-20.4	98.	1.0234	0.8834	0.9751	279.0	10.7
2526.	703.4	-19.5	7.4	7.6	-21.1	94.	0.9775	0.8509	0.9675	279.0	10.8
2584.	698.9	-19.5	7.8	8.0	-21.9	94.	0.9506	0.8406	0.9606	279.0	11.0
2641.	693.6	-19.8	8.1	8.3	-22.6	94.	0.9215	0.8165	0.9544	279.0	11.1
2695.	688.5	-20.1	8.4	8.6	-23.4	93.	0.8931	0.7878	0.9485	280.0	11.2
2752.	683.0	-20.4	8.6	8.8	-23.6	94.	0.8711	0.7711	0.9428	280.0	11.3
2812.	677.7	-21.1	8.6	8.8	-24.6	92.	0.8384	0.7381	0.9373	281.0	11.4
2869.	672.5	-21.7	8.5	8.8	-25.8	91.	0.8125	0.7184	0.9323	281.0	11.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOE (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2932.	666.9	-22.2	5.6	5.7	-24.1	66.	0.6545	0.6045	0.9264	281.0	11.5
2992.	661.3	-22.7	5.7	5.8	-24.2	66.	0.6366	0.5968	0.9204	281.0	11.6
3056.	655.6	-23.2	5.8	5.9	-24.4	66.	0.6755	0.5884	0.9143	282.0	11.6
3119.	650.3	-23.8	5.8	6.1	-26.1	78.	0.5601	0.4991	0.9083	282.0	11.6
3173.	646.1	-23.7	9.2	9.4	-27.7	66.	0.4316	0.4252	0.9220	283.0	11.7
3230.	640.1	-24.2	9.6	9.7	-28.4	59.	0.4077	0.3606	0.9361	283.0	11.7
3287.	635.1	-24.5	10.1	10.3	-30.3	52.	0.3471	0.3104	0.9501	283.0	11.8
3346.	629.6	-24.1	10.8	11.0	-32.8	44.	0.2869	0.2569	0.9657	283.0	11.8
3406.	624.8	-25.1	10.8	10.9	-34.7	37.	0.2392	0.2113	0.9777	282.0	11.7
3462.	620.5	-25.5	10.7	10.9	-34.3	40.	0.2415	0.2191	0.9723	282.0	11.7
3517.	615.5	-25.8	10.8	10.9	-34.3	40.	0.2476	0.2211	0.9671	282.0	11.8
3572.	610.8	-26.2	11.2	11.3	-34.7	41.	0.2397	0.2097	0.9616	281.0	11.8
3629.	606.8	-26.4	11.4	11.6	-35.4	39.	0.2151	0.1969	0.9555	281.0	11.8
3686.	601.8	-26.7	11.6	11.8	-35.8	38.	0.2033	0.1857	0.9497	281.0	11.9
3744.	596.2	-27.0	12.0	12.2	-36.2	37.	0.1872	0.1703	0.9439	280.0	12.0
3802.	591.4	-27.2	12.3	12.5	-36.4	37.	0.1804	0.1761	0.9388	279.0	12.1
3860.	586.7	-28.1	12.4	12.6	-36.4	41.	0.1822	0.1758	0.9339	278.0	12.2
3921.	581.7	-28.4	12.8	13.0	-36.4	41.	0.1744	0.1770	0.9281	277.0	12.3
3981.	576.8	-28.8	13.1	13.3	-36.7	40.	0.1712	0.1891	0.9225	277.0	12.5
4041.	572.0	-29.1	13.3	13.6	-36.2	39.	0.1744	0.1993	0.8170	276.0	12.6
4101.	567.2	-29.5	13.7	13.9	-34.7	38.	0.2345	0.2095	0.8115	276.0	12.7
4158.	562.7	-30.1	13.7	13.9	-34.6	42.	0.2741	0.2129	0.8067	275.0	12.9
4219.	557.9	-30.5	13.8	14.0	-34.7	44.	0.2216	0.2105	0.8012	275.0	13.0
4277.	553.3	-30.9	13.7	13.9	-34.9	45.	0.2096	0.2052	0.7959	274.0	13.1
4336.	548.7	-31.3	13.8	14.0	-35.5	44.	0.2136	0.1942	0.7905	273.0	13.1
4396.	543.9	-31.7	14.1	14.3	-36.1	43.	0.1918	0.1811	0.7852	273.0	13.1
4461.	539.1	-32.2	14.3	14.5	-36.8	41.	0.1845	0.1692	0.7796	273.0	13.0
4520.	534.6	-32.6	14.5	14.8	-37.8	37.	0.1665	0.1522	0.7743	273.0	13.0
4577.	530.3	-33.1	14.6	14.9	-38.6	35.	0.1513	0.1397	0.7697	272.0	13.0
4632.	526.1	-33.6	14.7	15.0	-39.2	33.	0.1397	0.1294	0.7649	273.0	12.9
4686.	522.1	-34.0	14.8	15.0	-39.6	33.	0.1362	0.1254	0.7600	273.0	12.8
4737.	518.3	-34.5	14.8	15.0	-40.2	32.	0.1295	0.1204	0.7557	273.0	12.7
4791.	514.3	-34.7	15.0	15.2	-40.3	31.	0.1260	0.1163	0.7515	273.0	12.6
4848.	510.1	-35.2	15.2	15.4	-40.6	30.	0.1216	0.1124	0.7469	274.0	12.4
4906.	505.7	-35.7	15.4	15.6	-41.1	29.	0.1142	0.1067	0.7420	274.0	12.2
4969.	501.3	-36.2	15.5	15.7	-41.4	28.	0.1101	0.1030	0.7371	275.0	12.1
5031.	496.8	-36.8	15.7	15.7	-41.6	28.	0.1054	0.0987	0.7317	275.0	11.9
5093.	492.4	-37.2	15.7	15.7	-42.3	26.	0.0987	0.0926	0.7271	276.0	11.8
5153.	488.1	-37.7	15.8	15.8	-43.2	25.	0.0917	0.0863	0.7223	276.0	11.8
5213.	483.9	-38.1	16.1	16.1	-43.5	24.	0.0861	0.0812	0.7173	277.0	11.7
5270.	479.9	-38.4	16.4	16.4	-44.3	23.	0.0817	0.0773	0.7122	277.0	11.8
5330.	475.7	-38.8	16.6	16.9	-44.3	22.	0.0784	0.0742	0.7066	278.0	11.8
5388.	471.7	-38.8	17.3	17.3	-44.5	22.	0.0767	0.0727	0.7013	278.0	11.7
5445.	467.8	-39.1	17.6	17.6	-44.8	22.	0.0741	0.0703	0.6963	278.0	11.7
5502.	463.9	-39.5	17.8	17.8	-45.2	22.	0.0729	0.0674	0.6917	278.0	11.7
5558.	460.1	-39.8	18.0	18.1	-45.7	21.	0.0664	0.0633	0.6872	279.0	11.8
5613.	456.4	-40.2	18.3	18.3	-46.0	21.	0.0642	0.0613	0.6826	279.0	11.8
5667.	452.8	-40.4	18.7	18.7	-46.0	21.	0.0640	0.0611	0.6778	280.0	11.8
5723.	449.1	-40.7	19.0	19.0	-46.1	21.	0.0630	0.0602	0.6731	280.0	11.9
5776.	445.6	-41.1	19.2	19.2	-46.4	21.	0.0614	0.0586	0.6690	281.0	11.9
5831.	442.1	-41.5	19.5	19.4	-46.8	21.	0.0596	0.0561	0.6647	281.0	11.9
5888.	438.5	-41.9	19.5	19.5	-47.0	21.	0.0570	0.0546	0.6603	281.0	12.0
5942.	434.8	-42.3	19.7	19.7	-47.4	21.	0.0545	0.0523	0.6562	281.0	12.0
5998.	431.2	-42.7	19.8	19.8	-47.7	21.	0.0523	0.0503	0.6522	282.0	12.1
6054.	427.6	-43.1	19.8	19.8	-48.2	21.	0.0494	0.0476	0.6481	283.0	12.1
6111.	424.1	-43.7	20.0	20.0	-48.9	21.	0.0454	0.0439	0.6438	283.0	12.2
6165.	420.6	-44.1	20.2	20.2	-49.5	21.	0.0418	0.0405	0.6397	284.0	12.2
6221.	417.1	-44.5	20.4	20.4	-50.1	21.	0.0391	0.0380	0.6355	284.0	12.2
6279.	413.5	-44.9	20.6	20.6	-50.5	21.	0.0373	0.0363	0.6311	285.0	12.3
6334.	410.1	-45.2	20.9	20.9	-50.7	21.	0.0360	0.0351	0.6268	285.0	12.3
6391.	406.6	-45.9	20.7	20.7	-51.4	21.	0.0331	0.0324	0.6233	286.0	12.5
6450.	403.0	-46.5	20.7	20.7	-52.0	21.	0.0309	0.0302	0.6194	286.0	12.6
6508.	399.5	-47.0	20.8	20.8	-52.3	22.	0.0296	0.0290	0.6154	286.0	12.7
6562.	396.2	-47.1	21.3	21.3	-53.5	45.	0.0333	0.0326	0.6106	287.0	12.8
6618.	392.9	-47.3	21.5	21.5	-55.0	38.	0.0229	0.0207	0.6060	287.0	12.8
6672.	389.8	-47.6	22.0	22.0	-56.9	31.	0.0164	0.0164	0.6021	287.0	13.1
6724.	386.6	-47.9	22.3	22.3	-58.5	26.	0.0133	0.0134	0.5979	287.0	13.2
6777.	383.5	-48.2	22.6	22.6	-60.3	21.	0.0105	0.0105	0.5939	287.0	13.5
6831.	380.4	-48.5	22.9	22.9	-61.7	18.	0.0086	0.0086	0.5899	287.0	13.6
6886.	377.2	-48.9	23.1	23.1	-62.9	16.	0.0073	0.0073	0.5860	286.0	13.7
6942.	374.0	-49.2	23.4	23.4	-64.2	14.	0.0061	0.0063	0.5818	286.0	13.9
7000.	370.7	-49.6	23.8	23.8	-64.9	13.	0.0055	0.0057	0.5772	284.0	14.0
7053.	367.7	-49.7	24.2	24.2	-65.7	12.	0.0049	0.0051	0.5733	284.0	14.1
7106.	364.7	-50.2	24.5	24.5	-66.9	12.	0.0047	0.0050	0.5693	285.0	14.3
7160.	361.7	-50.4	24.7	24.7	-67.5	11.	0.0038	0.0040	0.5657	286.0	14.6
7216.	358.6	-50.7	25.0	25.0	-67.8	10.	0.0036	0.0038	0.5616	285.0	14.8
7273.	355.5	-50.9	25.2	25.2	-68.7	9.	0.0032	0.0034	0.5572	286.0	15.0
7328.	352.5	-51.4	25.5	25.5	-69.1	8.	0.0030	0.0032	0.5538	285.0	15.2
7378.	349.8	-51.8	25.6	25.6	-69.4	9.	0.0028	0.0030	0.5505	286.0	15.5
7429.	347.0	-52.1	25.9	25.9	-70.5	8.	0.0024	0.0026	0.5469	286.0	15.7
7480.	344.3	-52.3	26.3	26.3	-71.5	7.	0.0021	0.0022	0.5431	285.0	15.9
7531.	341.6	-52.5	26.7	26.7	-71.7	7.	0.0020	0.0022	0.5393	286.0	16.1
7580.	339.0	-52.7	27.1	27.1	-71.9	7.	0.0020	0.0021	0.5357	286.0	16.3
7628.	336.5	-52.9	27.5	27.5	-72.0	7.	0.0019	0.0021	0.5322	287.0	16.7
7680.	333.8	-53.1	27.9	27.9	-73.2	6.	0.0016	0.0017	0.5284	287.0	16.9
7733.	331.2	-53.2	28.4	28.4	-73.3	6.	0.0016	0.0017	0.5246	287.0	17.2
7782.	328.8	-53.3	28.8	28.8	-73.4	6.	0.0016	0.0017	0.5205	286.0	17.4
7835.	326.2	-53.5	29.4	29.4	-74.7	5.	0.0013	0.0014	0.5167	284.0	17.7
7889.	323.1	-53.6	30.0	30.0	-74.8	5.	0.0013	0.0014	0.5127	284.0	17.9
7943.	320.4	-53.7	30.6	30.6	-74.4	5.	0.0012	0.0014	0.5086	284.0	18.2
7995.	317.8	-53.9	31.0	31.0	-76.4	4.	0.0010	0.0011	0.5049	284.0	18.4
8048.	315.2	-54.0	31.6	31.6	-76.3	3.	0.0007	0.0008	0.5010	290.0	18.7
8101.	312.6	-54.1	32.3	32.3	-78.1	3.	0.0007	0.0008	0.4969	290.0	18.9
8148.	310.3	-54.3	33.0	33.0	-80.0	2.	0.0005	0.0005	0.4933	290.0	19.1
8204.	307.6	-54.1	33.6	33.6	-80.9	2.	0.0005	0.0005	0.4892	290.0	19.3
8254.	305.2	-54.3	34.2	34.2	-81.0	2.	0.0005	0.0005	0.4858	291.0	19.5
8302.	302.9	-54.4	34.5	34.5	-81.1	2.	0.0005	0.0005	0.4824	291.0	19.7
8353.	300.5	-54.6	34.9	34.9	-81.3	2.	0.0004	0.0005	0.4790	291.0	19.9
8405.	298.1	-54.7	35.5	35.5	-85.4	1.	0.0002	0.0003	0.4754	291.0	20.0
8460.	295.5	-54.9	36.0	36.0	-85.5	1.	0.0002	0.0002	0.4717	291.0	20.2
8515.	293.0	-55.0	36.6	36.6	-85.6	1.	0.0002	0.0002	0.4679	291.0	20.3
8567.	290.6	-55.1	37.2	37.2	-85.7	1.	0.0002	0.0002	0.4643	292.0	20.5
8620.	288.2	-55.2	37.8	37.8	-85.8	1.	0.0002	0.0002	0.4606	291.0	20.4
8671.	285.9	-55.2	38.5	38.5	-85.8	1.	0.0002	0.0002	0.4570	291.0	20.4
8725.	283.5	-55.4	39.1	39.1	-85.8	1.	0.0002	0.0002	0.4533	291.0	20.5
8773.	281.5	-55.3	39.7	39.7	-85.8	1.	0.0002	0.0002	0.4501	291.0	20.6
8815.	279.5	-55.3	40.4	40.4	-85.8	1.	0.0002	0.0002	0.4469	291.0	20.7
8861.	277.5	-55.3	41.0	41.0	-85.8	1.	0.0002	0.0002	0.4437	291.0	20.9
8909.	275.4	-55.2	41.9	41.9	-85.8	1.	0.0002	0.0002	0.4402	291.0	21.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8958.	276.3	-55.1	42.7	42.7	-85.7	1.	0.0002	0.0002	0.4366	242.0	21.2
9003.	271.4	-55.1	43.0	43.0	-85.6	1.	0.0002	0.0002	0.4334	242.0	21.3
9050.	266.4	-55.1	44.3	44.3	-85.7	1.	0.0002	0.0002	0.4304	242.0	21.7
9100.	261.3	-55.1	44.7	44.7	-85.7	1.	0.0002	0.0002	0.4270	242.0	22.0
9147.	256.3	-55.1	45.4	45.4	-85.7	1.	0.0002	0.0002	0.4238	242.0	22.2
9196.	251.4	-55.1	46.1	46.1	-85.7	1.	0.0002	0.0002	0.4207	242.0	22.5
9244.	246.3	-55.1	46.8	46.8	-85.7	1.	0.0002	0.0002	0.4175	242.0	22.7
9293.	241.3	-55.1	47.5	47.5	-85.7	1.	0.0002	0.0002	0.4143	242.0	23.0
9341.	236.4	-55.1	48.1	48.1	-85.7	1.	0.0002	0.0002	0.4112	242.0	23.4
9390.	231.4	-55.2	48.7	48.7	-85.7	1.	0.0002	0.0002	0.4082	242.0	23.6
9442.	226.3	-55.2	49.5	49.5	-85.8	1.	0.0002	0.0002	0.4049	242.0	23.9
9493.	221.3	-55.3	50.2	50.2	-85.8	1.	0.0002	0.0002	0.4011	242.0	24.2
9539.	216.9	-54.7	51.6	51.6	-86.4	1.	0.0002	0.0002	0.3979	242.0	24.5
9593.	211.4	-54.7	52.4	52.4	-85.4	1.	0.0002	0.0003	0.3945	242.0	24.7
9645.	206.4	-54.8	53.2	53.2	-85.6	1.	0.0002	0.0002	0.3915	242.0	25.0
9697.	201.4	-54.8	54.0	54.0	-85.5	1.	0.0002	0.0002	0.3883	242.0	25.2
9747.	196.5	-54.7	54.6	54.6	-85.4	1.	0.0002	0.0003	0.3851	242.0	25.5
9798.	191.7	-54.5	55.6	55.6	-85.2	1.	0.0002	0.0003	0.3819	242.0	25.9
9848.	186.8	-54.6	56.6	56.6	-85.1	1.	0.0002	0.0003	0.3788	242.0	26.1
9898.	182.4	-54.7	57.7	57.7	-84.9	1.	0.0002	0.0003	0.3758	243.0	26.4
9930.	179.7	-53.8	58.7	58.7	-84.7	1.	0.0002	0.0003	0.3737	243.0	26.7
9979.	175.9	-53.8	59.4	59.4	-84.7	1.	0.0002	0.0003	0.3699	244.0	26.9
10029.	172.1	-53.9	60.0	60.0	-84.8	1.	0.0002	0.0003	0.3672	244.0	27.2
10079.	168.3	-54.0	60.6	60.6	-84.9	1.	0.0002	0.0003	0.3645	245.0	27.5
10127.	164.6	-54.1	61.2	61.2	-84.9	1.	0.0002	0.0003	0.3620	246.0	27.8
10172.	161.1	-54.1	61.8	61.8	-84.9	1.	0.0002	0.0003	0.3594	246.0	28.0
10217.	157.4	-54.2	62.7	62.7	-84.9	1.	0.0002	0.0003	0.3567	247.0	28.3
10260.	153.9	-54.3	63.3	63.3	-84.9	1.	0.0002	0.0003	0.3537	247.0	28.4
10304.	150.2	-54.4	64.0	64.0	-84.9	1.	0.0002	0.0003	0.3507	247.0	28.6
10350.	146.5	-54.5	64.8	64.8	-84.9	1.	0.0002	0.0003	0.3476	248.0	28.8
10396.	142.9	-54.6	65.6	65.6	-84.9	1.	0.0002	0.0003	0.3444	248.0	29.1
10441.	139.4	-54.7	66.3	66.3	-84.9	1.	0.0002	0.0003	0.3413	248.0	29.4
10485.	136.0	-54.8	66.9	66.9	-84.9	1.	0.0002	0.0003	0.3383	248.0	29.6
10530.	132.5	-54.9	67.6	67.6	-84.9	1.	0.0002	0.0003	0.3352	248.0	29.9
10574.	129.1	-55.0	68.2	68.2	-84.9	1.	0.0002	0.0003	0.3321	248.0	30.2
10619.	125.7	-55.1	68.9	68.9	-84.9	1.	0.0002	0.0003	0.3290	248.0	30.4
10664.	122.3	-55.2	69.5	69.5	-84.9	1.	0.0002	0.0003	0.3259	248.0	30.7
10709.	118.9	-55.3	70.2	70.2	-84.9	1.	0.0002	0.0003	0.3228	248.0	31.0
10754.	115.5	-55.4	70.8	70.8	-84.9	1.	0.0002	0.0003	0.3197	248.0	31.3
10799.	112.1	-55.5	71.5	71.5	-84.9	1.	0.0002	0.0003	0.3166	248.0	31.6
10844.	108.7	-55.6	72.2	72.2	-84.9	1.	0.0002	0.0003	0.3135	248.0	31.9
10889.	105.3	-55.7	72.9	72.9	-84.9	1.	0.0002	0.0003	0.3104	248.0	32.2
10934.	101.9	-55.8	73.6	73.6	-84.9	1.	0.0002	0.0003	0.3073	248.0	32.5
10979.	98.5	-55.9	74.3	74.3	-84.9	1.	0.0002	0.0003	0.3042	248.0	32.8
11024.	95.1	-56.0	75.0	75.0	-84.9	1.	0.0002	0.0003	0.3011	248.0	33.1
11069.	91.7	-56.1	75.7	75.7	-84.9	1.	0.0002	0.0003	0.2980	248.0	33.4
11114.	88.3	-56.2	76.4	76.4	-84.9	1.	0.0002	0.0003	0.2949	248.0	33.7
11159.	84.9	-56.3	77.1	77.1	-84.9	1.	0.0002	0.0003	0.2918	248.0	34.0
11204.	81.5	-56.4	77.8	77.8	-84.9	1.	0.0002	0.0003	0.2887	248.0	34.3
11249.	78.1	-56.5	78.5	78.5	-84.9	1.	0.0002	0.0003	0.2856	248.0	34.6
11294.	74.7	-56.6	79.2	79.2	-84.9	1.	0.0002	0.0003	0.2825	248.0	34.9
11339.	71.3	-56.7	79.9	79.9	-84.9	1.	0.0002	0.0003	0.2794	248.0	35.2
11384.	67.9	-56.8	80.6	80.6	-84.9	1.	0.0002	0.0003	0.2763	248.0	35.5
11429.	64.5	-56.9	81.3	81.3	-84.9	1.	0.0002	0.0003	0.2732	248.0	35.8
11474.	61.1	-57.0	82.0	82.0	-84.9	1.	0.0002	0.0003	0.2701	248.0	36.1
11519.	57.7	-57.1	82.7	82.7	-84.9	1.	0.0002	0.0003	0.2670	248.0	36.4
11564.	54.3	-57.2	83.4	83.4	-84.9	1.	0.0002	0.0003	0.2639	248.0	36.7
11609.	50.9	-57.3	84.1	84.1	-84.9	1.	0.0002	0.0003	0.2608	248.0	37.0
11654.	47.5	-57.4	84.8	84.8	-84.9	1.	0.0002	0.0003	0.2577	248.0	37.3
11699.	44.1	-57.5	85.5	85.5	-84.9	1.	0.0002	0.0003	0.2546	248.0	37.6
11744.	40.7	-57.6	86.2	86.2	-84.9	1.	0.0002	0.0003	0.2515	248.0	37.9
11789.	37.3	-57.7	86.9	86.9	-84.9	1.	0.0002	0.0003	0.2484	248.0	38.2
11834.	33.9	-57.8	87.6	87.6	-84.9	1.	0.0002	0.0003	0.2453	248.0	38.5
11879.	30.5	-57.9	88.3	88.3	-84.9	1.	0.0002	0.0003	0.2422	248.0	38.8
11924.	27.1	-58.0	89.0	89.0	-84.9	1.	0.0002	0.0003	0.2391	248.0	39.1
11969.	23.7	-58.1	89.7	89.7	-84.9	1.	0.0002	0.0003	0.2360	248.0	39.4
12014.	20.3	-58.2	90.4	90.4	-84.9	1.	0.0002	0.0003	0.2329	248.0	39.7
12059.	16.9	-58.3	91.1	91.1	-84.9	1.	0.0002	0.0003	0.2298	248.0	40.0
12104.	13.5	-58.4	91.8	91.8	-84.9	1.	0.0002	0.0003	0.2267	248.0	40.3
12149.	10.1	-58.5	92.5	92.5	-84.9	1.	0.0002	0.0003	0.2236	248.0	40.6
12194.	6.7	-58.6	93.2	93.2	-84.9	1.	0.0002	0.0003	0.2205	248.0	40.9
12239.	3.3	-58.7	93.9	93.9	-84.9	1.	0.0002	0.0003	0.2174	248.0	41.2
12284.	-0.1	-58.8	94.6	94.6	-84.9	1.	0.0002	0.0003	0.2143	248.0	41.5
12329.	-3.5	-58.9	95.3	95.3	-84.9	1.	0.0002	0.0003	0.2112	248.0	41.8
12374.	-6.9	-59.0	96.0	96.0	-84.9	1.	0.0002	0.0003	0.2081	248.0	42.1
12419.	-10.3	-59.1	96.7	96.7	-84.9	1.	0.0002	0.0003	0.2050	248.0	42.4
12464.	-13.7	-59.2	97.4	97.4	-84.9	1.	0.0002	0.0003	0.2019	248.0	42.7
12509.	-17.1	-59.3	98.1	98.1	-84.9	1.	0.0002	0.0003	0.1988	248.0	43.0
12554.	-20.5	-59.4	98.8	98.8	-84.9	1.	0.0002	0.0003	0.1957	248.0	43.3
12599.	-23.9	-59.5	99.5	99.5	-84.9	1.	0.0002	0.0003	0.1926	248.0	43.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14170.	121.8	-51.0	132.2	132.2	-82.7	1.	0.0003	0.0004	0.1910	294.0	48.2
14218.	120.9	-50.7	133.6	133.6	-82.4	1.	0.0004	0.0004	0.1893	294.0	48.2
14267.	120.0	-50.3	135.2	135.2	-82.1	1.	0.0004	0.0004	0.1876	294.0	48.0
14316.	119.1	-49.9	136.8	136.8	-81.9	1.	0.0004	0.0005	0.1858	294.0	48.0
14366.	118.2	-49.9	137.7	137.7	-81.9	1.	0.0004	0.0005	0.1844	294.0	48.0
14416.	117.3	-50.0	138.4	138.4	-81.9	1.	0.0004	0.0004	0.1831	295.0	48.0
14460.	116.5	-50.1	139.0	139.0	-82.0	1.	0.0004	0.0004	0.1820	295.0	48.0
14505.	115.7	-50.2	139.6	139.6	-82.1	1.	0.0004	0.0004	0.1808	295.0	48.0
14556.	114.8	-50.3	140.4	140.4	-82.1	1.	0.0004	0.0004	0.1795	295.0	48.0
14602.	114.0	-50.4	141.0	141.0	-82.2	1.	0.0004	0.0004	0.1783	295.0	48.0
14653.	113.1	-50.5	141.8	141.8	-82.3	1.	0.0004	0.0004	0.1770	295.0	48.2
14705.	112.2	-50.5	142.7	142.7	-82.3	1.	0.0004	0.0004	0.1755	295.0	48.2
14746.	111.5	-50.4	143.7	143.7	-82.2	1.	0.0004	0.0004	0.1744	295.0	48.3
14793.	110.7	-50.3	144.7	144.7	-82.1	1.	0.0004	0.0004	0.1730	295.0	48.4
14846.	109.8	-50.3	145.7	145.7	-82.1	1.	0.0004	0.0004	0.1716	295.0	48.5
14894.	109.0	-50.3	146.6	146.6	-82.1	1.	0.0004	0.0004	0.1704	295.0	48.6
14942.	108.2	-50.3	147.4	147.4	-82.1	1.	0.0004	0.0004	0.1691	295.0	48.6
14998.	107.3	-50.3	148.4	148.4	-82.1	1.	0.0004	0.0004	0.1677	294.0	48.8
15045.	106.5	-50.2	149.5	149.5	-82.1	1.	0.0004	0.0004	0.1664	294.0	48.9
15094.	105.7	-50.0	150.8	150.8	-81.9	1.	0.0004	0.0004	0.1650	294.0	48.9
15143.	104.9	-49.8	152.1	152.1	-81.8	1.	0.0004	0.0005	0.1636	294.0	49.0
15193.	104.1	-49.8	153.1	153.1	-81.8	1.	0.0004	0.0005	0.1624	294.0	49.1
15238.	103.4	-49.9	153.7	153.7	-81.9	1.	0.0004	0.0005	0.1613	294.0	49.2
15288.	102.6	-50.0	154.4	154.4	-81.9	1.	0.0004	0.0004	0.1602	294.0	49.2
15339.	101.8	-49.9	155.6	155.6	-81.9	1.	0.0004	0.0005	0.1588	294.0	49.3
15384.	101.1	-49.8	156.6	156.6	-81.8	1.	0.0004	0.0005	0.1577	294.0	49.4
15436.	100.3	-49.6	158.0	158.0	-81.6	1.	0.0004	0.0005	0.1563	294.0	49.6
15482.	99.6	-49.6	158.9	158.9	-81.6	1.	0.0004	0.0005	0.1552	294.0	49.6
15528.	98.9	-49.6	159.7	159.7	-81.6	1.	0.0004	0.0005	0.1541	294.0	49.8
15574.	98.2	-49.6	160.6	160.6	-81.6	1.	0.0004	0.0005	0.1530	294.0	49.8
15628.	97.4	-49.6	161.6	161.6	-81.6	1.	0.0004	0.0005	0.1518	294.0	50.0
15675.	96.7	-49.7	162.3	162.3	-81.7	1.	0.0004	0.0005	0.1508	294.0	50.1
15722.	96.0	-49.9	162.8	162.8	-81.9	1.	0.0004	0.0005	0.1498	294.0	50.3
15770.	95.3	-50.0	163.6	163.6	-81.9	1.	0.0004	0.0004	0.1488	294.0	50.4
15818.	94.6	-50.2	164.1	164.1	-82.1	1.	0.0004	0.0004	0.1478	294.0	50.6
15874.	93.8	-50.4	164.8	164.8	-82.2	1.	0.0004	0.0004	0.1467	294.0	50.7
15922.	93.1	-50.5	165.5	165.5	-82.3	1.	0.0004	0.0004	0.1457	294.0	51.0
15972.	92.4	-50.5	166.4	166.4	-82.3	1.	0.0004	0.0004	0.1446	294.0	51.2
16021.	91.7	-50.4	167.6	167.6	-82.2	1.	0.0004	0.0004	0.1434	294.0	51.3
16071.	91.0	-50.3	168.8	168.8	-82.1	1.	0.0004	0.0004	0.1423	293.0	51.5
16121.	90.3	-50.2	169.9	169.9	-82.1	1.	0.0004	0.0004	0.1411	293.0	51.7
16179.	89.5	-50.0	171.5	171.5	-81.9	1.	0.0004	0.0004	0.1397	293.0	51.9
16231.	88.8	-49.8	172.9	172.9	-81.8	1.	0.0004	0.0005	0.1385	293.0	52.1
16282.	88.1	-49.9	173.7	173.7	-81.9	1.	0.0004	0.0005	0.1375	292.0	52.1
16334.	87.4	-49.9	174.7	174.7	-81.9	1.	0.0004	0.0005	0.1364	292.0	52.2
16379.	86.8	-49.8	175.8	175.8	-81.8	1.	0.0004	0.0005	0.1354	292.0	52.4
16432.	86.1	-49.7	177.0	177.0	-81.7	1.	0.0004	0.0005	0.1342	291.0	52.5
16485.	85.4	-49.7	178.1	178.1	-81.7	1.	0.0004	0.0005	0.1331	291.0	52.6
16539.	84.7	-49.9	178.7	178.7	-81.9	1.	0.0004	0.0005	0.1322	291.0	52.7
16593.	84.0	-50.1	179.4	179.4	-82.0	1.	0.0004	0.0004	0.1312	290.0	52.8
16642.	83.4	-50.2	180.1	180.1	-82.1	1.	0.0004	0.0004	0.1303	290.0	53.0
16695.	82.7	-50.3	181.0	181.0	-82.1	1.	0.0004	0.0004	0.1293	290.0	53.1
16742.	82.1	-50.2	182.1	182.1	-82.1	1.	0.0004	0.0004	0.1283	290.0	53.3
16795.	81.5	-50.1	183.3	183.3	-82.0	1.	0.0004	0.0004	0.1273	290.0	53.5
16848.	80.8	-50.1	184.4	184.4	-82.0	1.	0.0004	0.0004	0.1262	290.0	53.5
16895.	80.2	-50.1	185.4	185.4	-82.0	1.	0.0004	0.0004	0.1253	289.0	53.7
16952.	79.5	-49.9	186.7	186.7	-81.9	1.	0.0004	0.0005	0.1241	289.0	53.8
17002.	78.9	-49.7	188.4	188.4	-81.7	1.	0.0004	0.0005	0.1230	289.0	53.9
17052.	78.3	-49.5	189.8	189.8	-81.6	1.	0.0004	0.0005	0.1220	289.0	54.0
17102.	77.7	-49.4	191.0	191.0	-81.5	1.	0.0004	0.0005	0.1210	289.0	54.1
17155.	77.1	-49.2	192.5	192.5	-81.3	1.	0.0004	0.0005	0.1199	289.0	54.2
17204.	76.5	-49.2	193.5	193.5	-81.3	1.	0.0004	0.0005	0.1190	289.0	54.3
17255.	75.9	-49.2	194.6	194.6	-81.3	1.	0.0004	0.0005	0.1181	289.0	54.4
17299.	75.4	-49.2	195.4	195.4	-81.3	1.	0.0004	0.0005	0.1173	289.0	54.4
17351.	74.8	-49.1	196.7	196.7	-81.3	1.	0.0004	0.0005	0.1163	289.0	54.4
17395.	74.3	-49.0	197.6	197.6	-81.2	1.	0.0004	0.0005	0.1155	289.0	54.4
17439.	73.8	-49.1	198.5	198.5	-81.3	1.	0.0004	0.0005	0.1147	289.0	54.4
17492.	73.2	-49.2	199.4	199.4	-81.3	1.	0.0004	0.0005	0.1139	289.0	54.2
17537.	72.7	-49.3	200.1	200.1	-81.4	1.	0.0004	0.0005	0.1131	289.0	54.1
17592.	72.1	-49.1	201.7	201.7	-81.3	1.	0.0004	0.0005	0.1121	288.0	53.9
17642.	71.5	-48.9	203.2	203.2	-81.1	1.	0.0005	0.0005	0.1111	288.0	53.7
17702.	70.9	-48.8	204.6	204.6	-81.0	1.	0.0005	0.0005	0.1101	288.0	53.5
17757.	70.3	-48.1	205.1	205.1	-81.3	1.	0.0004	0.0005	0.1093	288.0	53.4
17804.	69.8	-48.4	205.5	205.5	-81.5	1.	0.0004	0.0005	0.1087	287.0	53.2
17860.	69.2	-48.5	206.4	206.4	-81.6	1.	0.0004	0.0005	0.1078	287.0	53.1
17906.	68.7	-48.5	207.4	207.4	-81.6	1.	0.0004	0.0005	0.1070	287.0	53.0
17956.	68.2	-48.4	208.6	208.6	-81.5	1.	0.0004	0.0005	0.1062	287.0	53.1
18004.	67.7	-48.1	210.3	210.3	-81.3	1.	0.0004	0.0005	0.1053	287.0	53.1
18052.	67.2	-48.0	211.8	211.8	-81.1	1.	0.0005	0.0005	0.1044	288.0	53.3
18101.	66.7	-48.0	213.0	213.0	-81.0	1.	0.0005	0.0005	0.1036	288.0	53.5
18151.	66.2	-48.0	214.1	214.1	-81.0	1.	0.0005	0.0005	0.1028	288.0	53.7
18200.	65.7	-48.0	215.3	215.3	-81.0	1.	0.0005	0.0005	0.1020	288.0	53.9
18261.	65.1	-48.0	216.8	216.8	-80.9	1.	0.0005	0.0005	0.1010	288.0	54.2
18311.	64.6	-48.0	218.1	218.1	-80.8	1.	0.0006	0.0005	0.1002	289.0	54.5
18362.	64.1	-48.2	219.9	219.9	-80.6	1.	0.0006	0.0006	0.0993	289.0	54.9
18414.	63.6	-47.8	221.9	221.9	-80.3	1.	0.0006	0.0006	0.0983	289.0	55.2
18466.	63.1	-47.5	223.6	223.6	-80.1	1.	0.0006	0.0006	0.0974	290.0	55.5
18518.	62.6	-47.3	225.2	225.2	-79.9	1.	0.0006	0.0006	0.0966	290.0	55.8
18571.	62.1	-47.4	226.1	226.1	-80.0	1.	0.0006	0.0006	0.0958	290.0	56.0
18614.	61.7	-47.5	226.8	226.8	-80.2	1.	0.0006	0.0006	0.0953	290.0	56.1
18666.	61.2	-47.6	227.8	227.8	-80.3	1.	0.0006	0.0006	0.0946	290.0	56.4
18722.	60.7	-47.7	228.8	228.8	-80.4	1.	0.0006	0.0006	0.0939	290.0	56.4
18776.	60.2	-48.1	229.8	229.8	-80.8	1.	0.0006	0.0006	0.0932	290.0	56.5
18828.	59.8	-48.2	229.8	229.8	-80.8	1.	0.0006	0.0006	0.0926	290.0	56.7
18864.	59.4	-48.4	230.3	230.3	-80.9	1.	0.0006	0.0006	0.0921	289.0	56.7
18923.	58.9	-48.5	230.8	230.8	-81.0	1.	0.0006	0.0006	0.0915	289.0	56.8
18976.	58.4	-48.5	231.8	231.8	-81.0	1.	0.0006	0.0006	0.0907	289.0	56.7
19026.	58.0	-48.7	232.5	232.5	-81.2	1.	0.0006	0.0006	0.0900	288.0	56.7
19066.	57.6	-48.8	234.0	234.0	-81.3	1.	0.0006	0.0006	0.0894	287.0	56.6
19123.	57.1	-48.9	235.8	235.8	-81.4	1.	0.0006	0.0006	0.0885	287.0	56.6
19169.	56.7	-48.9	236.8	236.8	-81.4	1.	0.0006	0.0006	0.0879	286.0	56.5
19216.	56.3	-48.4	238.0	238.0	-80.9	1.	0.0006	0.0006	0.0873	286.0	56.4
19274.	55.8	-48.3	239.6	239.6	-80.7	1.	0.0006	0.0006	0.0865	286.0	56.4
19316.	55.5	-48.4	240.8	240.8	-80.8	1.	0.0006	0.0006	0.0859	285.0	56.3
19357.	55.1	-48.1	241.9	241.9	-80.6	1.	0.0006	0.0006	0.0853	285.0	56.2
19407.	54.7	-48.1	243.0	243.0	-80.5	1.	0.0006	0.0006	0.0847	284.0	56.2
19460.	54.2	-48.1	244.3	244.3	-80.5	1.	0.0006	0.0006	0.0839	284.0	56.1
19514.	53.8	-48.1	245.4	245.4	-80.5	1.	0.0006	0.0006	0.0833	284.0	56.0
19564.	53.4	-48.1	246.5	246.5	-80.5	1.	0.0006	0.0006	0.0827	283.0	55.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
19613.	53.0	-48.1	247.6	247.6	-80.5	1.	0.0005	0.0006	0.0820	283.0	56.0
19663.	52.6	-48.1	248.8	248.8	-80.5	1.	0.0005	0.0006	0.0814	283.0	55.8
19713.	52.2	-47.7	250.8	250.8	-80.2	1.	0.0005	0.0006	0.0807	283.0	55.6
19777.	51.7	-47.5	252.7	252.7	-80.1	1.	0.0005	0.0006	0.0798	283.0	55.5
19828.	51.3	-47.3	254.4	254.4	-79.9	1.	0.0005	0.0006	0.0791	283.0	55.4
19880.	50.9	-47.2	255.8	255.8	-79.9	1.	0.0006	0.0006	0.0785	283.0	55.3
19932.	50.5	-47.3	256.7	256.7	-79.9	1.	0.0005	0.0006	0.0779	283.0	55.3
19984.	50.1	-47.4	257.7	257.7	-80.0	1.	0.0005	0.0006	0.0773	283.0	55.2
20037.	49.7	-47.5	258.7	258.7	-80.1	1.	0.0005	0.0006	0.0767	283.0	55.2
20090.	49.3	-47.5	259.9	259.9	-80.1	1.	0.0005	0.0006	0.0761	284.0	55.2
20144.	48.9	-47.5	261.2	261.2	-80.1	1.	0.0005	0.0006	0.0755	284.0	55.3
20196.	48.5	-47.5	262.4	262.4	-80.1	1.	0.0005	0.0006	0.0749	284.0	55.5
20253.	48.1	-47.4	263.9	263.9	-80.0	1.	0.0005	0.0006	0.0742	285.0	55.5

SOUNDING 14.0
LATITUDE -59.4 LONGITUDE 5.3
DATE 10-22-81 TIME 1149 GMT
NUMBER OF LEVELS 67

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	985.3	-8.6	-7.5	-7.2	-11.0	61.	2.3925	1.9773	1.2994	270.0	10.0
55.	976.3	-9.5	-8.1	-7.9	-12.2	61.	2.1520	1.7867	1.2959	270.0	10.0
117.	970.4	-11.2	-8.9	-8.7	-13.4	62.	1.9235	1.6041	1.2921	269.0	11.0
182.	962.3	-11.9	-9.0	-8.8	-14.1	62.	1.8058	1.5103	1.2847	266.0	11.8
244.	954.4	-12.6	-9.1	-8.9	-14.6	63.	1.7158	1.4381	1.2775	264.0	12.4
306.	946.7	-13.2	-9.1	-8.9	-15.2	63.	1.6248	1.3650	1.2700	262.0	12.9
367.	939.2	-13.8	-9.1	-8.9	-15.7	64.	1.5567	1.3102	1.2628	260.0	13.3
427.	931.7	-14.3	-9.0	-8.9	-16.2	64.	1.4870	1.2539	1.2551	261.0	13.5
486.	924.5	-14.9	-9.0	-8.9	-16.7	65.	1.4234	1.2020	1.2483	262.0	13.1
542.	917.7	-15.3	-8.9	-8.7	-17.0	65.	1.3722	1.1610	1.2410	262.0	12.9
595.	911.2	-15.7	-8.8	-8.6	-17.3	66.	1.3379	1.1331	1.2341	262.0	12.7
647.	904.9	-15.9	-8.8	-8.5	-17.5	66.	1.3132	1.1131	1.2265	262.0	12.5
695.	899.2	-14.6	-6.6	-6.5	-16.1	67.	1.4351	1.2624	1.2128	262.0	12.3
745.	893.3	-13.2	-4.7	-4.5	-14.7	67.	1.5727	1.4276	1.1985	262.0	12.1
794.	887.6	-11.8	-2.7	-2.5	-13.2	68.	1.9548	1.6295	1.1847	262.0	12.0
841.	882.2	-11.7	-2.2	-1.7	-13.1	68.	1.9794	1.6436	1.1771	262.0	12.4
885.	877.1	-11.7	-1.7	-1.0	-13.1	68.	1.9724	1.6435	1.1703	262.0	12.7
931.	871.8	-11.9	-1.5	-1.0	-13.2	69.	1.9592	1.6339	1.1641	262.0	12.7
977.	866.6	-12.2	-1.3	-1.1	-13.5	69.	1.9268	1.5912	1.1585	262.0	13.1
1025.	861.4	-12.4	-1.0	-0.8	-13.7	69.	1.8727	1.5634	1.1524	262.0	14.2
1074.	855.7	-12.5	-0.8	-0.4	-13.7	69.	1.8766	1.5672	1.1452	262.0	14.4
1124.	850.1	-12.7	-0.3	-0.1	-13.9	69.	1.8429	1.5407	1.1386	262.0	14.6
1171.	844.8	-13.0	-0.2	0.1	-14.0	69.	1.8133	1.5162	1.1328	262.0	14.8
1219.	839.5	-13.2	0.1	0.3	-14.2	71.	1.7806	1.4901	1.1265	262.0	15.2
1262.	834.8	-13.4	0.2	0.6	-14.4	71.	1.7484	1.4643	1.1210	262.0	15.5
1314.	830.2	-13.5	0.7	0.8	-14.4	72.	1.7515	1.4668	1.1153	262.0	15.8
1351.	825.1	-13.6	1.1	1.3	-14.5	72.	1.7356	1.4547	1.1089	262.0	16.0
1397.	820.1	-13.7	1.4	1.6	-14.6	72.	1.7198	1.4413	1.1026	262.0	16.1
1445.	815.1	-13.8	1.8	2.0	-14.6	73.	1.7226	1.4436	1.0963	262.0	16.1
1492.	809.9	-14.1	2.0	2.2	-14.9	73.	1.6766	1.4061	1.0905	262.0	16.2
1539.	804.9	-14.3	2.3	2.5	-15.1	73.	1.6455	1.3816	1.0846	262.0	16.2
1671.	790.9	-14.4	3.5	3.7	-16.3	84.	1.4726	1.2422	1.0660	262.0	16.2
1807.	776.5	-14.2	5.1	5.4	-17.4	74.	1.3212	1.1196	1.0463	262.0	16.2
1957.	761.6	-14.1	6.9	7.1	-15.1	41.	1.6328	1.3764	1.0255	262.0	16.4
2122.	746.9	-14.4	7.7	7.9	-13.4	95.	1.6778	1.3495	1.0085	262.0	17.1
2254.	732.5	-15.5	8.5	8.7	-16.1	95.	1.5744	1.2673	0.9914	262.0	17.3
2347.	718.5	-16.4	9.3	9.6	-16.9	95.	1.3838	1.1702	0.9760	262.0	17.3
2545.	704.6	-17.5	9.4	9.6	-17.9	96.	1.2612	1.0708	0.9612	262.0	17.1
2697.	691.2	-18.9	9.5	9.7	-18.3	96.	1.1047	0.9431	0.9466	262.0	17.2
2842.	678.9	-19.9	10.4	10.6	-20.0	96.	1.0324	0.8838	0.9305	262.0	17.3
2972.	665.1	-20.1	11.2	11.4	-21.7	86.	0.9823	0.7852	0.9164	262.0	17.3
3118.	652.1	-20.8	12.0	12.1	-22.8	82.	0.7864	0.6807	0.9009	262.0	17.1
3265.	639.2	-21.7	12.6	12.7	-24.1	79.	0.6943	0.6041	0.8862	262.0	17.1
3395.	626.8	-22.6	13.1	13.1	-25.7	73.	0.5934	0.5196	0.8733	262.0	17.0
3523.	617.1	-23.1	13.9	13.9	-27.5	62.	0.4751	0.4147	0.8601	262.0	16.5
3653.	606.2	-24.5	13.9	14.0	-27.8	70.	0.4764	0.4209	0.8490	262.0	16.4
3765.	594.9	-25.4	14.5	14.5	-28.5	73.	0.4452	0.3943	0.8368	262.0	16.4
3925.	583.9	-26.3	14.7	14.8	-29.4	77.	0.4187	0.3715	0.8244	262.0	16.4
4156.	568.3	-28.4	15.3	15.4	-32.4	66.	0.2969	0.2672	0.8026	262.0	16.4
4329.	557.9	-29.6	15.5	15.6	-37.7	42.	0.1696	0.1536	0.7696	262.0	16.5
4460.	541.8	-30.9	15.4	15.5	-40.9	32.	0.1138	0.1041	0.7779	262.0	16.7
4606.	530.6	-31.4	16.5	16.6	-42.3	30.	0.0959	0.0927	0.7659	262.0	16.7
4715.	522.6	-32.1	16.7	16.8	-44.7	25.	0.0745	0.0710	0.7559	262.0	16.6
4835.	513.8	-32.1	17.2	17.3	-44.8	27.	0.0742	0.0704	0.7457	262.0	16.4
4944.	505.6	-34.1	17.3	17.4	-47.2	20.	0.0494	0.0478	0.7368	262.0	16.2
5088.	495.7	-35.3	17.5	17.6	-48.2	24.	0.0429	0.0401	0.7261	262.0	16.1
5238.	484.9	-36.7	17.6	17.6	-49.5	24.	0.0447	0.0432	0.7144	262.0	16.0
5375.	475.7	-37.4	18.3	18.4	-50.2	22.	0.0398	0.0385	0.7030	262.0	15.7
5496.	467.1	-38.4	18.6	18.6	-51.2	22.	0.0331	0.0321	0.6932	262.0	15.6
5611.	457.3	-39.4	18.8	18.8	-52.1	22.	0.0302	0.0297	0.6845	262.0	15.5
5740.	450.7	-40.4	19.1	19.1	-51.7	16.	0.0220	0.0212	0.6746	262.0	15.4
5851.	443.4	-41.2	19.5	19.6	-53.2	24.	0.0275	0.0265	0.6663	262.0	15.3
5986.	435.9	-42.1	19.7	19.7	-54.5	22.	0.0231	0.0221	0.6572	262.0	15.2
6046.	428.1	-43.1	20.1	20.2	-54.6	24.	0.0217	0.0215	0.6481	262.0	15.1
6246.	419.4	-44.1	20.4	20.5	-54.8	27.	0.0214	0.0213	0.6382	262.0	14.7
6384.	413.5	-44.8	21.0	21.0	-56.4	23.	0.0174	0.0174	0.6262	262.0	14.4
6600.	396.5	-46.8	21.6	21.7	-58.8	17.	0.0044	0.0044	0.6097	260.0	13.6

SOUNDING 15.0
LATITUDE -59.4 LONGITUDE 4.6
DATE 10-22-81 TIME 1343 GMT
NUMBER OF LEVELS 44

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6.	989.8	-12.2	-11.1	-11.0	-15.0	78.	1.6986	1.3934	1.2311	251.0	7.2
52.	982.9	-11.7	-10.6	-10.5	-14.6	71.	1.5961	1.3367	1.2203	241.0	6.8
102.	974.4	-11.4	-10.3	-10.2	-15.5	70.	1.5778	1.3322	1.2111	244.0	7.3
147.	967.8	-12.1	-10.9	-10.8	-16.0	70.	1.5131	1.2758	1.2061	244.0	8.7
195.	962.2	-12.7	-11.4	-11.3	-14.2	71.	1.4816	1.2490	1.2007	243.0	9.4
234.	956.7	-13.4	-12.0	-11.9	-16.4	72.	1.4557	1.2264	1.1957	242.0	10.1
276.	951.4	-13.4	-12.0	-11.9	-16.7	74.	1.4773	1.2015	1.2906	241.0	10.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3811.	651.7	-14.2	-10.4	-10.4	-17.0	71.	1.3405	1.1691	1.2751	236.0	10.6
4000.	643.1	-14.7	-10.4	-10.4	-17.6	61.	1.1902	1.1691	1.2751	236.0	10.6
4189.	634.6	-15.1	-10.4	-10.4	-17.2	62.	1.3456	1.1418	1.2692	236.0	10.6
4378.	626.0	-15.4	-10.4	-10.4	-17.4	57.	1.3277	1.1248	1.2629	231.0	10.5
4568.	617.4	-15.7	-10.4	-10.4	-17.7	53.	1.2915	1.0992	1.2573	231.0	10.3
4758.	608.8	-16.1	-10.4	-10.4	-18.1	48.	1.2441	1.0668	1.2517	231.0	10.2
4948.	600.2	-16.4	-10.4	-10.4	-18.4	44.	1.1875	1.0307	1.2460	231.0	10.1
5138.	591.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
5328.	583.2	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
5518.	574.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
5708.	566.2	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
5898.	557.8	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
6088.	549.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
6278.	540.8	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
6468.	532.4	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
6658.	523.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
6848.	515.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
7038.	507.0	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
7228.	498.6	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
7418.	490.2	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
7608.	481.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
7798.	473.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
7988.	464.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
8178.	456.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
8368.	448.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
8558.	439.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
8748.	431.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
8938.	422.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
9128.	414.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
9318.	406.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
9508.	397.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
9698.	389.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
9888.	380.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
10078.	372.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
10268.	364.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
10458.	355.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
10648.	347.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
10838.	338.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
11028.	330.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
11218.	322.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
11408.	313.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
11598.	305.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
11788.	296.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
11978.	288.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
12168.	280.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
12358.	271.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
12548.	263.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
12738.	254.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
12928.	246.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
13118.	238.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
13308.	229.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
13498.	221.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
13688.	212.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
13878.	204.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
14068.	196.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
14258.	187.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
14448.	179.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
14638.	170.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
14828.	162.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
15018.	154.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
15208.	145.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
15398.	137.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
15588.	128.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
15778.	120.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
15968.	112.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
16158.	103.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
16348.	95.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
16538.	86.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
16728.	78.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
16918.	70.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
17108.	61.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
17298.	53.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
17488.	44.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
17678.	36.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
17868.	28.1	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
18058.	19.7	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
18248.	11.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
18438.	2.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
18628.	-5.5	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
18818.	-13.9	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2
19008.	-22.3	-16.7	-7.6	-7.6	-21.0	22.	0.8411	0.7426	1.2278	231.0	10.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5404.	473.	-55.	19.	19.	-61.8	17.	0.0457	0.0348	0.7032	228.0	12.1
5471.	476.	-56.	19.	19.	-61.6	16.	0.0426	0.0331	0.6994	228.0	12.2
5513.	478.	-56.	19.	19.	-61.5	16.	0.0411	0.0320	0.6957	228.0	12.3
5554.	480.	-56.	19.	19.	-62.8	15.	0.0396	0.0275	0.6923	228.0	12.4
5607.	483.	-57.	19.	19.	-63.0	15.	0.0384	0.0266	0.6895	228.0	12.5
5656.	485.	-57.	19.	19.	-63.2	15.	0.0247	0.0247	0.6861	228.0	12.6
5720.	488.	-58.	19.	19.	-64.3	14.	0.0221	0.0221	0.6827	228.0	13.0
5756.	490.	-58.	19.	19.	-63.2	14.	0.0211	0.0210	0.6794	227.0	13.2
5796.	492.	-58.	19.	19.	-63.2	14.	0.0204	0.0203	0.6756	227.0	13.7
5845.	495.	-59.	19.	19.	-63.0	13.	0.0183	0.0183	0.6714	226.0	14.0
5896.	497.	-59.	20.	20.	-63.4	13.	0.0175	0.0175	0.6677	226.0	14.5
5947.	500.	-60.	20.	20.	-64.8	13.	0.0166	0.0166	0.6643	225.0	14.8
5995.	502.	-60.	20.	20.	-64.7	12.	0.0144	0.0145	0.6606	225.0	15.1
6048.	505.	-61.	20.	20.	-64.3	12.	0.0136	0.0136	0.6573	224.0	15.2
6101.	508.	-61.	20.	20.	-63.3	11.	0.0119	0.0121	0.6533	224.0	15.5
6153.	511.	-61.	20.	20.	-63.6	11.	0.0114	0.0111	0.6494	223.0	15.7
6220.	515.	-62.	20.	20.	-63.4	11.	0.0112	0.0109	0.6462	223.0	15.8
6245.	516.	-62.	21.	21.	-63.4	11.	0.0104	0.0105	0.6427	223.0	15.8
6294.	519.	-63.	21.	21.	-63.6	11.	0.0099	0.0101	0.6393	223.0	16.1
6336.	521.	-63.	21.	21.	-63.1	11.	0.0097	0.0097	0.6362	222.0	16.2
6386.	524.	-64.	21.	21.	-63.3	11.	0.0095	0.0097	0.6329	222.0	16.3
6435.	527.	-64.	21.	21.	-63.3	10.	0.0078	0.0082	0.6290	224.0	16.0
6488.	530.	-64.	21.	21.	-63.3	9.	0.0069	0.0071	0.6248	226.0	15.8
6542.	533.	-64.	22.	22.	-63.6	9.	0.0066	0.0066	0.6209	226.0	15.6
6597.	536.	-65.	22.	22.	-64.0	9.	0.0063	0.0065	0.6169	226.0	15.5
6646.	539.	-65.	22.	22.	-64.2	8.	0.0061	0.0063	0.6131	226.0	15.3
6698.	542.	-66.	22.	22.	-64.6	8.	0.0057	0.0060	0.6097	227.0	15.2
6747.	545.	-66.	22.	22.	-65.0	8.	0.0048	0.0051	0.6063	227.0	15.1
6794.	547.	-66.	22.	22.	-64.7	8.	0.0047	0.0049	0.6028	227.0	14.9
6834.	549.	-67.	22.	22.	-65.3	8.	0.0045	0.0047	0.5995	228.0	14.8
6882.	552.	-67.	23.	23.	-66.5	8.	0.0043	0.0045	0.5964	229.0	14.6
6926.	555.	-67.	23.	23.	-67.3	8.	0.0041	0.0043	0.5936	230.0	14.5
6973.	558.	-68.	23.	23.	-67.3	8.	0.0039	0.0041	0.5906	231.0	14.5
7021.	561.	-68.	23.	23.	-67.7	8.	0.0037	0.0039	0.5876	230.0	14.3
7070.	564.	-69.	23.	23.	-68.0	7.	0.0030	0.0032	0.5841	230.0	14.2
7121.	567.	-69.	23.	23.	-67.2	7.	0.0029	0.0031	0.5805	231.0	14.2
7168.	570.	-69.	23.	23.	-75.6	6.	0.0026	0.0026	0.5775	231.0	14.2
7209.	573.	-70.	23.	23.	-73.9	6.	0.0024	0.0024	0.5748	231.0	14.2
7253.	575.	-70.	23.	23.	-71.2	6.	0.0024	0.0024	0.5717	230.0	14.2
7301.	578.	-71.	23.	23.	-71.6	6.	0.0021	0.0022	0.5687	231.0	14.1
7350.	581.	-71.	23.	23.	-71.9	6.	0.0020	0.0021	0.5655	231.0	14.1
7399.	584.	-72.	23.	23.	-72.3	6.	0.0018	0.0020	0.5625	231.0	14.1
7446.	587.	-72.	23.	23.	-72.6	6.	0.0018	0.0019	0.5592	230.0	14.1
7492.	590.	-72.	24.	24.	-74.1	5.	0.0014	0.0015	0.5562	230.0	14.2
7538.	593.	-73.	24.	24.	-74.3	5.	0.0014	0.0015	0.5532	230.0	14.2
7586.	596.	-73.	24.	24.	-73.5	6.	0.0015	0.0017	0.5499	230.0	14.2
7636.	599.	-73.	24.	24.	-73.8	6.	0.0015	0.0016	0.5466	230.0	14.2
7684.	602.	-74.	24.	24.	-75.3	5.	0.0012	0.0013	0.5435	230.0	14.2
7733.	605.	-74.	24.	24.	-75.6	5.	0.0011	0.0013	0.5404	230.0	14.1
7782.	608.	-75.	24.	24.	-75.9	5.	0.0010	0.0012	0.5372	230.0	14.1
7832.	611.	-75.	24.	24.	-77.7	4.	0.0008	0.0009	0.5340	230.0	14.1
7878.	614.	-75.	24.	24.	-77.9	4.	0.0008	0.0009	0.5309	230.0	14.0
7926.	617.	-76.	24.	24.	-75.9	5.	0.0009	0.0010	0.5281	231.0	13.9
7976.	620.	-76.	25.	25.	-77.2	5.	0.0009	0.0009	0.5249	231.0	14.0
8025.	623.	-76.	25.	25.	-77.4	5.	0.0008	0.0009	0.5214	231.0	13.9
8070.	626.	-77.	25.	25.	-79.1	4.	0.0007	0.0007	0.5184	232.0	13.9
8115.	629.	-77.	25.	25.	-79.2	4.	0.0006	0.0007	0.5152	232.0	14.0
8161.	632.	-77.	25.	25.	-79.4	4.	0.0007	0.0007	0.5119	234.0	13.9
8204.	634.	-77.	26.	26.	-79.5	4.	0.0007	0.0007	0.5088	234.0	14.0
8247.	637.	-78.	26.	26.	-79.8	4.	0.0006	0.0006	0.5061	235.0	14.0
8291.	640.	-78.	26.	26.	-80.2	4.	0.0006	0.0006	0.5038	235.0	14.1
8336.	643.	-78.	26.	26.	-80.5	4.	0.0005	0.0006	0.5011	236.0	14.1
8382.	646.	-79.	26.	26.	-82.7	4.	0.0005	0.0005	0.4981	237.0	14.2
8430.	649.	-79.	27.	27.	-82.8	3.	0.0004	0.0004	0.4953	237.0	14.3
8477.	652.	-79.	27.	27.	-83.0	3.	0.0004	0.0004	0.4922	238.0	14.4
8525.	655.	-80.	27.	27.	-81.5	4.	0.0004	0.0005	0.4891	239.0	14.5
8571.	658.	-80.	27.	27.	-83.5	3.	0.0003	0.0003	0.4862	239.0	14.6
8621.	661.	-80.	28.	28.	-83.7	3.	0.0003	0.0003	0.4830	241.0	14.7
8674.	664.	-81.	28.	28.	-84.0	3.	0.0003	0.0003	0.4795	241.0	14.8
8725.	667.	-81.	28.	28.	-84.1	3.	0.0003	0.0003	0.4760	242.0	14.9
8775.	670.	-81.	28.	28.	-84.4	3.	0.0003	0.0003	0.4732	243.0	15.0
8826.	673.	-82.	28.	28.	-84.8	3.	0.0003	0.0003	0.4703	243.0	15.0
8881.	676.	-82.	28.	28.	-85.2	3.	0.0003	0.0003	0.4673	243.0	15.1
8929.	679.	-83.	29.	29.	-85.5	3.	0.0002	0.0002	0.4645	244.0	15.2
8979.	682.	-83.	29.	29.	-85.8	3.	0.0002	0.0002	0.4614	244.0	15.2
9024.	685.	-83.	29.	29.	-86.0	3.	0.0002	0.0002	0.4587	244.0	15.2
9068.	688.	-84.	29.	29.	-88.5	2.	0.0001	0.0001	0.4560	244.0	15.3
9111.	691.	-84.	30.	30.	-88.7	2.	0.0001	0.0001	0.4533	244.0	15.3
9154.	694.	-84.	30.	30.	-88.9	2.	0.0001	0.0001	0.4508	244.0	15.2
9199.	697.	-84.	30.	30.	-89.2	2.	0.0001	0.0001	0.4481	245.0	15.3
9242.	700.	-85.	30.	30.	-89.3	2.	0.0001	0.0001	0.4453	245.0	15.4
9288.	703.	-85.	30.	30.	-89.6	2.	0.0001	0.0001	0.4428	245.0	15.4
9329.	706.	-85.	30.	30.	-89.9	2.	0.0001	0.0001	0.4407	246.0	15.4
9383.	710.	-85.	31.	31.	-90.2	2.	0.0001	0.0001	0.4370	247.0	15.5
9432.	713.	-86.	31.	31.	-93.9	1.	0.0000	0.0001	0.4341	248.0	15.7
9479.	716.	-86.	32.	32.	-94.1	1.	0.0000	0.0001	0.4312	248.0	15.7
9524.	719.	-86.	32.	32.	-94.3	1.	0.0000	0.0001	0.4286	250.0	15.8
9567.	722.	-86.	32.	32.	-94.5	1.	0.0000	0.0000	0.4260	251.0	16.1
9610.	725.	-87.	33.	33.	-94.5	1.	0.0000	0.0000	0.4231	252.0	16.3
9656.	728.	-87.	33.	33.	-94.5	1.	0.0000	0.0000	0.4199	254.0	16.5
9702.	731.	-86.	34.	34.	-94.5	1.	0.0000	0.0000	0.4165	256.0	16.7
9748.	734.	-86.	35.	35.	-90.7	2.	0.0001	0.0001	0.4131	257.0	16.9
9796.	737.	-86.	36.	36.	-94.4	1.	0.0000	0.0001	0.4097	259.0	17.1
9846.	740.	-86.	36.	36.	-94.5	1.	0.0000	0.0000	0.4067	241.0	17.3
9891.	743.	-87.	37.	37.	-94.6	1.	0.0000	0.0000	0.4041	242.0	17.6
9939.	746.	-87.	37.	37.	-94.7	1.	0.0000	0.0000	0.4010	244.0	17.8
9982.	749.	-87.	38.	38.	-94.8	1.	0.0000	0.0000	0.3984	245.0	18.2
10029.	752.	-87.	39.	39.	-94.6	1.	0.0000	0.0000	0.3949	247.0	18.4
10078.	755.	-87.	39.	39.	-94.6	1.	0.0000	0.0000	0.3919	248.0	18.6
10120.	758.	-87.	40.	40.	-94.5	1.	0.0000	0.0000	0.3888	249.0	18.9
10167.	761.	-88.	41.	41.	-94.4	1.	0.0000	0.0001	0.3854	250.0	19.0
10209.	764.	-88.	42.	42.	-94.2	1.	0.0000	0.0001	0.3822	250.0	19.2
10252.	767.	-88.	43.	43.	-93.9	1.	0.0000	0.0001	0.3789	251.0	19.4
10294.	770.	-88.	44.	44.	-93.8	1.	0.0000	0.0001	0.3760	251.0	19.5
10336.	773.	-88.	45.	45.	-93.8	1.	0.0000	0.0001	0.3733	252.0	19.6
10377.	776.	-89.	46.	46.	-93.7	1.	0.0000	0.0001	0.3706	252.0	19.7
10418.	779.	-89.	46.	46.	-93.6	1.	0.0000	0.0001	0.3679	252.0	19.8
10463.	782.	-89.	47.	47.	-93.7	1.	0.0000	0.0001	0.3654	252.0	19.9
10511.	785.	-89.	48.	48.	-93.7	1.	0.0000	0.0001	0.3626	253.0	20.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10559.	214.0	-65.9	48.6	48.8	-93.7	1.	0.0000	0.0001	0.3597	253.0	20.1
10607.	212.3	-65.9	49.5	49.5	-93.7	1.	0.0000	0.0001	0.3568	253.0	20.3
10656.	210.6	-65.9	50.2	50.2	-93.7	1.	0.0000	0.0001	0.3540	253.0	20.4
10702.	209.0	-65.8	51.1	51.1	-93.6	1.	0.0000	0.0001	0.3511	253.0	20.6
10745.	207.5	-65.6	52.1	52.1	-93.5	1.	0.0000	0.0001	0.3483	252.0	20.8
10789.	206.0	-65.3	53.2	53.2	-93.3	1.	0.0001	0.0001	0.3453	252.0	21.0
10831.	204.6	-64.9	54.5	54.5	-89.2	2.	0.0001	0.0001	0.3423	253.0	21.2
10870.	203.3	-64.7	55.4	55.4	-89.1	2.	0.0001	0.0001	0.3398	253.0	21.3
10912.	201.9	-64.7	56.1	56.1	-89.1	2.	0.0001	0.0001	0.3374	253.0	21.4
10954.	200.5	-64.6	56.9	56.9	-92.7	1.	0.0001	0.0001	0.3349	254.0	21.5
10997.	199.1	-64.5	57.7	57.7	-92.7	1.	0.0001	0.0001	0.3324	254.0	21.5
11037.	197.8	-64.3	58.6	58.6	-92.5	1.	0.0001	0.0001	0.3299	255.0	21.6
11077.	196.5	-64.3	59.3	59.3	-92.5	1.	0.0001	0.0001	0.3278	255.0	21.7
11118.	195.2	-64.2	60.0	60.0	-92.4	1.	0.0001	0.0001	0.3254	256.0	21.7
11159.	193.9	-64.1	60.8	60.8	-92.4	1.	0.0001	0.0001	0.3231	256.0	21.8
11203.	192.5	-64.1	61.5	61.5	-68.6	2.	0.0001	0.0001	0.3208	257.0	21.8
11244.	191.2	-64.1	62.2	62.2	-92.4	1.	0.0001	0.0001	0.3186	258.0	21.9
11286.	189.9	-64.0	63.0	63.0	-92.3	1.	0.0001	0.0001	0.3163	259.0	21.9
11328.	188.6	-63.9	63.6	63.8	-92.2	1.	0.0001	0.0001	0.3140	259.0	22.0
11370.	187.3	-63.7	64.5	64.5	-66.3	2.	0.0001	0.0002	0.3115	260.0	22.1
11413.	186.0	-63.4	66.0	66.0	-88.1	2.	0.0001	0.0002	0.3089	260.0	22.1
11456.	184.7	-63.3	66.8	66.8	-88.0	2.	0.0001	0.0002	0.3066	261.0	22.2
11503.	183.3	-63.3	67.5	67.5	-91.6	1.	0.0001	0.0001	0.3043	261.0	22.2
11543.	182.1	-63.0	68.7	68.7	-91.5	1.	0.0001	0.0001	0.3019	262.0	22.4
11590.	180.7	-62.6	69.8	69.8	-91.4	1.	0.0001	0.0001	0.2993	263.0	22.5
11636.	179.3	-62.7	70.7	70.7	-87.5	2.	0.0001	0.0002	0.2968	263.0	22.7
11687.	177.9	-62.6	71.6	71.6	-91.2	1.	0.0001	0.0001	0.2943	264.0	22.9
11732.	176.6	-62.6	72.3	72.3	-91.2	1.	0.0001	0.0001	0.2922	265.0	23.2
11774.	175.4	-62.7	72.8	72.8	-91.3	1.	0.0001	0.0001	0.2903	265.0	23.5
11819.	174.1	-62.8	73.4	73.4	-91.4	1.	0.0001	0.0001	0.2883	266.0	23.7
11862.	172.9	-62.8	74.1	74.1	-91.4	1.	0.0001	0.0001	0.2863	266.0	24.0
11905.	171.7	-62.8	74.8	74.8	-91.4	1.	0.0001	0.0001	0.2844	266.0	24.3
11944.	170.6	-62.7	75.6	75.6	-91.3	1.	0.0001	0.0001	0.2824	266.0	24.6
11984.	169.5	-62.6	76.4	76.4	-91.2	1.	0.0001	0.0001	0.2804	265.0	24.9
12024.	168.4	-62.5	77.2	77.2	-91.2	1.	0.0001	0.0001	0.2785	265.0	25.1
12068.	167.2	-62.3	78.3	78.3	-91.0	1.	0.0001	0.0001	0.2762	265.0	25.5
12113.	166.0	-62.1	79.3	79.3	-90.9	1.	0.0001	0.0001	0.2740	265.0	25.8
12161.	164.7	-61.9	80.5	80.5	-90.7	1.	0.0001	0.0001	0.2716	265.0	26.2
12206.	163.5	-61.7	81.5	81.5	-90.6	1.	0.0001	0.0001	0.2694	265.0	26.5
12252.	162.3	-61.6	82.4	82.4	-90.5	1.	0.0001	0.0001	0.2673	265.0	26.5
12298.	161.1	-61.5	83.4	83.4	-90.4	1.	0.0001	0.0001	0.2652	265.0	26.7
12348.	159.8	-61.4	84.4	84.4	-90.4	1.	0.0001	0.0001	0.2629	266.0	26.8
12399.	158.5	-61.2	85.5	85.5	-90.2	1.	0.0001	0.0001	0.2605	266.0	26.9
12450.	157.2	-61.0	86.7	86.7	-90.1	1.	0.0001	0.0001	0.2581	266.0	27.1
12497.	156.0	-60.9	87.7	87.7	-90.0	1.	0.0001	0.0001	0.2560	266.0	27.1
12545.	154.8	-60.8	88.7	88.7	-89.9	1.	0.0001	0.0001	0.2539	267.0	27.2
12593.	153.6	-60.8	89.5	89.5	-89.9	1.	0.0001	0.0001	0.2520	267.0	27.3
12642.	152.4	-60.8	90.3	90.3	-89.9	1.	0.0001	0.0001	0.2500	268.0	27.3
12687.	151.3	-60.8	91.0	91.0	-89.9	1.	0.0001	0.0001	0.2482	268.0	27.3
12732.	150.2	-60.7	92.0	92.0	-89.8	1.	0.0001	0.0001	0.2463	269.0	27.4
12776.	149.1	-60.5	93.1	93.1	-89.7	1.	0.0001	0.0001	0.2443	269.0	27.4
12820.	148.1	-60.2	94.3	94.3	-89.5	1.	0.0001	0.0001	0.2423	269.0	27.4
12866.	147.0	-60.1	95.2	95.2	-89.4	1.	0.0001	0.0001	0.2404	270.0	27.5
12913.	145.9	-60.1	96.1	96.1	-89.4	1.	0.0001	0.0001	0.2386	270.0	27.5
12956.	144.9	-60.0	96.9	96.9	-89.3	1.	0.0001	0.0001	0.2368	270.0	27.6
12999.	143.9	-59.9	97.8	97.8	-89.2	1.	0.0001	0.0001	0.2351	270.0	27.6
13043.	142.9	-59.7	98.6	98.6	-89.1	1.	0.0001	0.0001	0.2332	270.0	27.6
13086.	141.9	-59.4	100.2	100.2	-88.9	1.	0.0001	0.0001	0.2313	270.0	27.9
13131.	140.9	-59.2	101.1	101.1	-88.7	1.	0.0001	0.0001	0.2294	270.0	28.2
13175.	139.9	-58.9	102.2	102.2	-88.5	1.	0.0001	0.0001	0.2275	270.0	28.4
13220.	138.9	-58.7	103.7	103.7	-88.3	1.	0.0001	0.0002	0.2256	270.0	28.7
13264.	137.8	-58.5	104.8	104.8	-88.2	1.	0.0001	0.0002	0.2240	270.0	28.9
13307.	137.0	-58.4	105.7	105.7	-88.1	1.	0.0001	0.0002	0.2222	270.0	29.0
13348.	136.1	-58.3	106.6	106.6	-88.0	1.	0.0001	0.0002	0.2207	271.0	29.0
13390.	135.2	-58.3	107.3	107.3	-88.0	1.	0.0001	0.0002	0.2192	271.0	29.0
13432.	134.3	-58.2	108.2	108.2	-88.0	1.	0.0001	0.0002	0.2177	271.0	29.1
13469.	133.5	-58.2	108.9	108.9	-88.0	1.	0.0001	0.0002	0.2164	272.0	29.0
13512.	132.6	-58.1	109.8	109.8	-87.9	1.	0.0001	0.0002	0.2148	272.0	29.0
13559.	131.6	-57.9	111.0	111.0	-87.8	1.	0.0001	0.0002	0.2133	272.0	31.1
13607.	130.6	-57.7	112.2	112.2	-87.6	1.	0.0001	0.0002	0.2112	273.0	31.4
13651.	129.7	-57.7	113.0	113.0	-87.6	1.	0.0001	0.0002	0.2097	274.0	31.6
13700.	128.7	-57.7	113.8	113.8	-87.6	1.	0.0001	0.0002	0.2081	274.0	31.8
13744.	127.8	-57.6	114.8	114.8	-87.5	1.	0.0001	0.0002	0.2065	275.0	32.3
13783.	127.0	-57.6	115.5	115.5	-87.5	1.	0.0001	0.0002	0.2053	275.0	32.6
13826.	126.1	-57.5	116.3	116.3	-87.5	1.	0.0001	0.0002	0.2038	276.0	32.9
13873.	125.2	-57.5	117.1	117.1	-87.5	1.	0.0001	0.0002	0.2023	277.0	33.3
13919.	124.3	-57.5	118.0	118.0	-87.5	1.	0.0001	0.0002	0.2008	277.0	33.7
13959.	123.5	-57.5	119.1	119.1	-87.7	1.	0.0001	0.0002	0.1993	277.0	34.3
14006.	122.6	-57.4	120.0	120.0	-87.1	1.	0.0001	0.0002	0.1976	278.0	34.8
14047.	121.8	-56.6	121.0	121.0	-86.5	1.	0.0001	0.0002	0.1961	279.0	35.2
14089.	121.0	-56.7	122.0	122.0	-86.9	1.	0.0001	0.0002	0.1947	279.0	35.7
14131.	120.2	-56.7	123.3	123.3	-86.9	1.	0.0001	0.0002	0.1935	279.0	36.2
14168.	119.5	-56.6	124.1	124.1	-86.8	1.	0.0001	0.0002	0.1922	279.0	36.6
14215.	118.6	-56.5	125.2	125.2	-86.7	1.	0.0001	0.0002	0.1907	279.0	37.2
14258.	117.8	-56.4	126.1	126.1	-86.6	1.	0.0001	0.0002	0.1893	279.0	37.7
14317.	116.9	-56.2	127.2	127.2	-86.6	1.	0.0001	0.0002	0.1879	279.0	38.3
14345.	116.2	-56.2	128.0	128.0	-86.5	1.	0.0001	0.0002	0.1866	279.0	38.8
14394.	115.3	-56.1	129.1	129.1	-86.4	1.	0.0001	0.0002	0.1851	279.0	39.4
14439.	114.5	-56.0	130.1	130.1	-86.3	1.	0.0001	0.0002	0.1837	279.0	39.9
14483.	113.7	-55.9	131.3	131.3	-86.2	1.	0.0001	0.0002	0.1822	279.0	40.5
14534.	112.8	-55.8	132.6	132.6	-86.0	1.	0.0001	0.0002	0.1806	279.0	41.2
14585.	111.9	-55.7	133.7	133.7	-85.9	1.	0.0001	0.0002	0.1791	279.0	41.8
14636.	111.1	-55.5	134.9	134.9	-85.8	1.	0.0001	0.0002	0.1777	279.0	42.5
14676.	110.5	-55.4	135.7	135.7	-85.7	1.	0.0001	0.0002	0.1761	279.0	43.0
14723.	109.6	-55.4	136.8	136.8	-85.6	1.	0.0001	0.0002	0.1747	279.0	43.7
14776.	108.7	-55.4	138.0	138.0	-85.6	1.	0.0001	0.0002	0.1733	279.0	44.4
14817.	107.9	-55.3	139.0	139.0	-85.5	1.	0.0001	0.0002	0.1719	279.0	45.0
14864.	107.1	-55.4	140.0	140.0	-85.2	1.	0.0001	0.0002	0.1706	279.0	45.6
14912.	106.3	-55.3	141.0	141.0	-85.1	1.	0.0001	0.0002	0.1692	279.0	46.2
14961.	105.5	-55.3	142.0	142.0	-85.1	1.	0.0001	0.0002	0.1679	279.0	46.8
15009.	104.7	-55.3	143.0	143.0	-85.1	1.	0.0001	0.0002	0.1667	279.0	47.4
15058.	103.9	-55.2	144.1	144.1	-85.1	1.	0.0001	0.0002	0.1654	279.0	48.0
15106.	103.1	-55.2	145.1	145.1	-85.1	1.	0.0001	0.0002	0.1641	279.0	48.6
15156.	102.3	-55.2	146.1	146.1	-85.1	1.	0.0001	0.0002	0.1628	279.0	49.2
15208.	101.5	-55.2	147.2	147.2	-85.1	1.	0.0001	0.0002	0.1616	279.0	49.8
15258.	100.7	-55.2	148.2	148.2	-85.1	1.	0.0001	0.0002	0.1603	279.0	50.4
15306.	100.0	-55.1	149.2	149.2	-85.0	1.	0.0001	0.0002	0.1590	279.0	51.0
15350.	99.2	-55.0	150.1	150.1	-84.9	1.	0.0001	0.0002	0.1578	279.0	51.6
15400.	98.5	-55.0	151.2	151.2	-84.8	1.	0.0001	0.0002	0.1565	279.0	52.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+5*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
15446.	97.8	-53.2	154.1	154.1	-84.3	1.	0.0003	0.0003	0.1549	283.0	42.5
15492.	97.1	-52.9	155.6	155.6	-84.1	1.	0.0003	0.0003	0.1536	283.0	42.8
15539.	96.4	-52.5	157.2	157.2	-83.8	1.	0.0003	0.0003	0.1522	283.0	43.1
15586.	95.7	-52.3	158.5	158.5	-83.6	1.	0.0003	0.0003	0.1510	283.0	43.4
15633.	95.0	-52.2	159.6	159.6	-83.5	1.	0.0003	0.0003	0.1498	284.0	43.8
15674.	94.4	-52.2	160.4	160.4	-83.5	1.	0.0003	0.0003	0.1488	284.0	44.1
15722.	93.7	-52.4	161.0	161.0	-83.7	1.	0.0003	0.0003	0.1479	284.0	44.5
15764.	93.1	-52.3	161.9	161.9	-83.6	1.	0.0003	0.0003	0.1469	283.0	44.6
15812.	92.4	-52.2	163.5	163.5	-83.4	1.	0.0003	0.0004	0.1456	283.0	44.8
15862.	91.7	-51.6	165.2	165.2	-83.1	1.	0.0003	0.0004	0.1442	282.0	45.1
15904.	91.1	-51.4	166.4	166.4	-83.0	1.	0.0003	0.0004	0.1431	282.0	45.4
15954.	90.4	-51.3	167.6	167.6	-82.9	1.	0.0003	0.0004	0.1420	282.0	45.6
16005.	89.7	-51.2	168.8	168.8	-82.8	1.	0.0003	0.0004	0.1408	281.0	45.8
16055.	89.0	-51.1	170.0	170.0	-82.7	1.	0.0003	0.0004	0.1396	282.0	46.2
16107.	88.3	-50.9	171.4	171.4	-82.6	1.	0.0004	0.0004	0.1384	282.0	46.6
16151.	87.7	-50.7	172.6	172.6	-82.4	1.	0.0004	0.0004	0.1373	282.0	47.0
16203.	87.0	-50.4	174.3	174.3	-82.2	1.	0.0004	0.0004	0.1361	282.0	47.5
16256.	86.3	-50.2	175.7	175.7	-82.1	1.	0.0004	0.0004	0.1348	282.0	47.9
16304.	85.6	-50.0	177.2	177.2	-81.9	1.	0.0004	0.0004	0.1336	282.0	48.4
16350.	85.0	-49.8	178.5	178.5	-81.8	1.	0.0004	0.0005	0.1326	282.0	48.9
16409.	84.3	-49.6	179.9	179.9	-81.6	1.	0.0004	0.0005	0.1314	283.0	49.4
16463.	83.6	-49.3	181.6	181.6	-81.4	1.	0.0004	0.0005	0.1301	283.0	49.8
16511.	83.0	-49.1	183.0	183.0	-81.3	1.	0.0004	0.0005	0.1291	283.0	50.2
16566.	82.3	-49.3	183.7	183.7	-81.4	1.	0.0004	0.0005	0.1281	284.0	50.6
16614.	81.7	-49.4	184.4	184.4	-81.5	1.	0.0004	0.0005	0.1272	284.0	50.9
16662.	81.1	-49.4	185.4	185.4	-81.5	1.	0.0004	0.0005	0.1263	284.0	51.2
16711.	80.5	-49.4	186.4	186.4	-81.5	1.	0.0004	0.0005	0.1253	284.0	51.5
16751.	80.0	-49.2	187.6	187.6	-81.3	1.	0.0004	0.0005	0.1244	284.0	51.6
16792.	79.5	-49.2	188.8	188.8	-81.2	1.	0.0004	0.0005	0.1236	284.0	51.7
16842.	78.9	-48.8	190.2	190.2	-81.0	1.	0.0005	0.0005	0.1225	284.0	51.8
16892.	78.3	-48.8	191.2	191.2	-81.0	1.	0.0005	0.0005	0.1216	284.0	51.9
16934.	77.8	-48.8	192.1	192.1	-81.0	1.	0.0005	0.0005	0.1208	284.0	51.9
16985.	77.2	-48.8	193.1	193.1	-81.0	1.	0.0005	0.0005	0.1199	284.0	52.0
17036.	76.6	-48.7	194.4	194.4	-81.0	1.	0.0005	0.0005	0.1189	284.0	52.1
17079.	76.1	-48.6	195.5	195.5	-80.9	1.	0.0005	0.0005	0.1181	284.0	52.1
17131.	75.5	-48.6	196.5	196.5	-80.9	1.	0.0005	0.0005	0.1171	284.0	52.1
17183.	74.9	-48.5	197.8	197.8	-80.8	1.	0.0005	0.0005	0.1161	284.0	52.1
17236.	74.3	-48.4	199.1	199.1	-80.8	1.	0.0005	0.0005	0.1152	284.0	52.1
17290.	73.7	-48.3	200.4	200.4	-80.7	1.	0.0005	0.0005	0.1142	283.0	52.3
17342.	73.0	-48.3	201.7	201.7	-80.7	1.	0.0005	0.0005	0.1131	283.0	52.2
17397.	72.5	-48.4	202.4	202.4	-80.8	1.	0.0005	0.0005	0.1124	283.0	52.4
17452.	71.9	-48.6	203.1	203.1	-80.9	1.	0.0005	0.0005	0.1115	283.0	52.6
17507.	71.3	-48.7	204.1	204.1	-81.0	1.	0.0005	0.0005	0.1107	283.0	52.6
17563.	70.8	-49.7	205.0	205.0	-81.6	1.	0.0005	0.0005	0.1099	283.0	53.0
17609.	70.2	-48.7	206.2	206.2	-81.0	1.	0.0005	0.0005	0.1090	283.0	53.3
17656.	69.7	-48.8	206.9	206.9	-81.0	1.	0.0005	0.0005	0.1082	284.0	53.8
17713.	69.1	-48.1	207.5	207.5	-81.3	1.	0.0004	0.0005	0.1074	284.0	54.2
17760.	68.6	-48.7	208.3	208.3	-81.0	1.	0.0005	0.0005	0.1065	285.0	54.7
17799.	68.2	-48.4	210.8	210.8	-80.8	1.	0.0005	0.0005	0.1057	285.0	54.7
17857.	67.6	-48.0	212.9	212.9	-80.5	1.	0.0005	0.0006	0.1046	286.0	55.6
17906.	67.1	-47.9	215.0	215.0	-80.1	1.	0.0005	0.0006	0.1036	286.0	55.9
17955.	66.6	-47.2	216.7	216.7	-79.9	1.	0.0006	0.0006	0.1027	286.0	56.1
18015.	66.0	-47.0	218.4	218.4	-79.7	1.	0.0006	0.0006	0.1017	286.0	56.7
18065.	65.5	-47.1	219.2	219.2	-79.8	1.	0.0006	0.0006	0.1009	287.0	57.2
18116.	65.0	-46.8	220.6	220.6	-79.7	1.	0.0006	0.0006	0.1001	287.0	57.4
18167.	64.4	-47.0	221.8	221.8	-79.7	1.	0.0006	0.0006	0.0994	288.0	58.3
18218.	64.0	-47.0	222.7	222.7	-79.7	1.	0.0006	0.0006	0.0986	288.0	58.7
18270.	63.5	-46.9	224.1	224.1	-79.7	1.	0.0006	0.0006	0.0978	288.0	59.0
18322.	62.9	-46.9	225.2	225.2	-79.7	1.	0.0006	0.0006	0.0970	288.0	59.4
18375.	62.5	-47.0	226.1	226.1	-79.7	1.	0.0006	0.0006	0.0963	288.0	59.6
18428.	62.0	-47.0	226.8	226.8	-79.9	1.	0.0006	0.0006	0.0956	288.0	60.1
18482.	61.5	-47.3	227.7	227.7	-79.9	1.	0.0006	0.0006	0.0949	288.0	60.3
18535.	61.0	-47.4	228.7	228.7	-80.0	1.	0.0005	0.0006	0.0941	289.0	60.7
18590.	60.5	-47.5	230.1	230.1	-79.8	1.	0.0005	0.0006	0.0933	289.0	60.8
18645.	60.0	-47.5	231.5	231.5	-79.9	1.	0.0005	0.0006	0.0925	289.0	61.0
18689.	59.6	-47.6	232.5	232.5	-79.9	1.	0.0005	0.0006	0.0919	289.0	61.1
18744.	59.1	-47.6	233.7	233.7	-79.9	1.	0.0005	0.0006	0.0911	289.0	61.2
18789.	58.7	-47.6	234.7	234.7	-79.9	1.	0.0005	0.0006	0.0905	289.0	61.3
18846.	58.2	-47.6	235.7	235.7	-79.9	1.	0.0005	0.0006	0.0898	289.0	61.3
18891.	57.8	-47.6	236.6	236.6	-80.0	1.	0.0005	0.0006	0.0892	289.0	61.3
18949.	57.3	-47.6	237.7	237.7	-80.0	1.	0.0005	0.0006	0.0884	288.0	61.2
18999.	56.9	-47.6	238.6	238.6	-80.0	1.	0.0005	0.0006	0.0878	288.0	61.0
19053.	56.4	-47.6	240.0	240.0	-79.9	1.	0.0005	0.0006	0.0870	288.0	60.7
19112.	55.9	-47.6	241.6	241.6	-79.9	1.	0.0005	0.0006	0.0862	288.0	60.5
19159.	55.5	-47.6	242.6	242.6	-80.1	1.	0.0005	0.0006	0.0857	288.0	60.5
19214.	55.0	-47.6	243.7	243.7	-80.0	1.	0.0005	0.0006	0.0849	288.0	60.4
19267.	54.6	-47.6	245.0	245.0	-79.9	1.	0.0005	0.0006	0.0842	288.0	60.5
19316.	54.2	-47.6	246.0	246.0	-79.7	1.	0.0005	0.0006	0.0835	288.0	60.5
19365.	53.8	-47.7	246.8	246.8	-79.8	1.	0.0005	0.0007	0.0828	288.0	60.5
19417.	53.3	-47.7	248.1	248.1	-79.8	1.	0.0005	0.0007	0.0819	288.0	61.7
19477.	52.8	-47.7	249.4	249.4	-79.8	1.	0.0005	0.0007	0.0813	288.0	61.8
19527.	52.5	-47.6	250.1	250.1	-79.6	1.	0.0005	0.0007	0.0806	288.0	61.0
19577.	52.1	-47.7	250.7	250.7	-79.7	1.	0.0005	0.0007	0.0803	288.0	61.3
19628.	51.7	-47.7	251.7	251.7	-79.7	1.	0.0005	0.0007	0.0797	288.0	61.5
19680.	51.3	-47.8	252.4	252.4	-79.8	1.	0.0005	0.0007	0.0791	288.0	61.7
19731.	50.9	-47.8	253.2	253.2	-80.0	1.	0.0005	0.0007	0.0785	288.0	61.7
19783.	50.5	-47.9	254.2	254.2	-80.1	1.	0.0005	0.0007	0.0780	288.0	62.1
19836.	50.1	-47.9	255.1	255.1	-80.1	1.	0.0005	0.0007	0.0773	288.0	62.1
19889.	49.7	-47.8	256.0	256.0	-80.0	1.	0.0005	0.0007	0.0768	288.0	62.4
19942.	49.3	-47.9	256.9	256.9	-80.0	1.	0.0005	0.0007	0.0762	288.0	62.6
19995.	48.9	-47.9	257.8	257.8	-80.0	1.	0.0005	0.0006	0.0756	288.0	62.8
20048.	48.5	-47.9	258.7	258.7	-80.0	1.	0.0005	0.0006	0.0750	288.0	63.0
20101.	48.2	-47.9	259.4	259.4	-80.0	1.	0.0005	0.0006	0.0745	288.0	63.3
20154.	47.8	-47.9	260.4	260.4	-80.0	1.	0.0005	0.0006	0.0740	288.0	63.4
20207.	47.4	-48.0	261.3	261.3	-80.0	1.	0.0005	0.0006	0.0735	288.0	63.6
20261.	47.1	-48.0	262.2	262.2	-80.0	1.	0.0005	0.0006	0.0729	288.0	63.8
20314.	46.7	-48.1	263.1	263.1	-80.1	1.	0.0005	0.0006	0.0723	288.0	64.0
20367.	46.4	-48.2	263.9	263.9	-80.2	1.	0.0005	0.0005	0.0719	288.0	64.2
20420.	46.0	-48.2	264.8	264.8	-80.2	1.	0.0005	0.0005	0.0713	288.0	64.4
20473.	45.7	-48.3	265.7	265.7	-80.3	1.	0.0005	0.0005	0.0708	288.0	64.6
20526.	45.3	-48.4	266.6	266.6	-80.4	1.	0.0005	0.0005	0.0702	288.0	64.8
20579.	45.0	-48.4	267.4	267.4	-80.4	1.	0.0005	0.0005	0.0698	288.0	65.0
20632.	44.6	-48.5	268.4	268.4	-80.5	1.	0.0005	0.0005	0.0689	288.0	65.2
20685.	44.3	-48.6	269.1	269.1	-80.6	1.	0.0005	0.0005	0.0684	288.0	65.3
20737.	43.9	-48.7	270.1	270.1	-80.7	1.	0.0005	0.0005	0.0678	288.0	65.5
20789.	43.6	-48.8	271.0	271.0	-80.8	1.	0.0005	0.0005	0.0671	288.0	65.6
20842.	43.1	-47.9	272.0	272.0	-80.0	1.	0.0005	0.0006	0.0666	288.0	64.7
20894.	42.7	-48.1	272.9	272.9	-80.2	1.	0.0005	0.0006	0.0661	288.0	65.7
20934.	42.4	-48.2	273.7	273.7	-80.4	1.	0.0005	0.0006	0.0657	288.0	65.9

HEIGHT (F)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
20996.	42.0	-48.2	283.2	283.2	-60.6	1.	0.0005	0.0006	0.0650	288.0	7.0
21043.	41.7	-48.2	284.5	284.5	-60.6	1.	0.0005	0.0006	0.0646	289.0	7.0
21091.	41.4	-48.1	285.7	285.7	-60.5	1.	0.0005	0.0006	0.0641	289.0	7.2
21139.	41.0	-48.1	287.0	287.0	-60.5	1.	0.0005	0.0006	0.0634	288.0	7.4
21203.	40.7	-48.1	288.4	288.4	-60.5	1.	0.0005	0.0006	0.0630	288.0	7.5
21252.	40.4	-47.9	290.1	290.1	-60.4	1.	0.0005	0.0006	0.0625	288.0	7.7
21317.	40.0	-47.7	292.2	292.2	-60.2	1.	0.0005	0.0006	0.0618	288.0	7.5
21367.	39.7	-47.4	294.2	294.2	-80.0	1.	0.0005	0.0006	0.0613	288.0	7.4
21417.	39.4	-47.1	296.2	296.2	-79.8	1.	0.0006	0.0006	0.0607	288.0	7.3
21484.	39.0	-46.8	298.6	298.6	-79.6	1.	0.0006	0.0007	0.0600	288.0	7.3
21535.	38.7	-46.4	300.5	300.5	-79.3	1.	0.0006	0.0007	0.0595	288.0	7.1
21587.	38.4	-46.1	302.5	302.5	-79.1	1.	0.0006	0.0007	0.0589	288.0	6.8
21639.	38.1	-45.8	304.5	304.5	-78.9	1.	0.0007	0.0007	0.0584	288.0	6.6
21692.	37.8	-45.5	306.5	306.5	-78.7	1.	0.0007	0.0007	0.0579	288.0	6.4
21745.	37.5	-45.3	308.5	308.5	-78.5	1.	0.0007	0.0008	0.0573	288.0	6.1
21798.	37.2	-45.1	310.7	310.7	-78.3	1.	0.0007	0.0008	0.0568	288.0	5.9
21852.	36.9	-45.0	312.8	312.8	-78.3	1.	0.0007	0.0008	0.0563	289.0	5.8
21869.	36.7	-44.9	313.5	313.5	-78.2	1.	0.0007	0.0008	0.0560	289.0	5.8
21943.	36.4	-44.6	314.9	314.9	-75.2	1.	0.0007	0.0008	0.0556	289.0	6.1
21999.	36.1	-44.8	317.2	317.2	-78.0	1.	0.0008	0.0008	0.0550	290.0	6.1
22036.	35.9	-44.8	318.7	318.7	-77.8	1.	0.0008	0.0008	0.0546	291.0	6.3
22092.	35.6	-43.8	321.5	321.5	-77.4	1.	0.0008	0.0009	0.0541	291.0	6.3
22130.	35.4	-43.5	323.2	323.2	-77.2	1.	0.0009	0.0010	0.0537	291.0	6.3
22187.	35.1	-43.4	324.9	324.9	-77.1	1.	0.0009	0.0010	0.0532	292.0	6.3
22225.	34.9	-43.5	325.6	325.6	-77.2	1.	0.0009	0.0010	0.0529	292.0	6.6
22283.	34.6	-43.6	326.8	326.8	-77.3	1.	0.0009	0.0009	0.0525	293.0	6.7
22322.	34.4	-43.7	327.6	327.6	-77.3	1.	0.0008	0.0009	0.0522	293.0	6.8
22381.	34.1	-43.8	328.8	328.8	-77.5	1.	0.0008	0.0009	0.0518	293.0	6.7
22440.	33.8	-44.0	329.3	329.3	-77.7	1.	0.0008	0.0009	0.0514	293.0	6.7
22480.	33.6	-44.0	329.3	329.3	-78.0	1.	0.0008	0.0009	0.0512	294.0	6.9
22540.	33.3	-44.0	330.0	330.0	-78.2	1.	0.0007	0.0008	0.0508	294.0	6.8
22560.	33.1	-44.2	330.3	330.3	-78.4	1.	0.0007	0.0008	0.0506	294.0	6.8
22640.	32.8	-45.4	331.3	331.3	-78.6	1.	0.0007	0.0008	0.0502	294.0	6.6
22681.	32.6	-45.5	332.1	332.1	-78.6	1.	0.0007	0.0008	0.0499	294.0	6.6
22743.	32.3	-45.6	332.4	332.4	-78.8	1.	0.0007	0.0007	0.0495	294.0	6.7
22805.	32.0	-45.6	334.5	334.5	-78.9	1.	0.0007	0.0007	0.0493	294.0	6.7
22846.	31.8	-45.7	335.9	335.9	-78.8	1.	0.0007	0.0007	0.0487	293.0	6.7

SOUNDING 16.2
LATITUDE -55.5 LONGITUDE 4.5
DATE 10-23-81 TIME 1138 GMT
NUMBER OF LEVELS 339

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1005.0	-7.5	-7.5	-7.6	-10.6	76.	2.4717	2.0400	1.3199	260.0	7.0
70.	996.0	-8.7	-8.4	-8.6	-11.2	80.	2.3424	1.9377	1.3140	260.0	6.8
135.	987.6	-9.8	-9.1	-9.7	-12.0	83.	2.2156	1.8135	1.3087	259.0	6.3
202.	979.1	-11.1	-9.5	-9.3	-12.6	87.	2.0587	1.7124	1.3033	257.0	6.7
265.	971.0	-11.4	-9.2	-9.0	-12.6	90.	2.0731	1.7239	1.2940	256.0	10.8
325.	963.5	-11.6	-8.8	-8.6	-12.3	94.	2.1267	1.7665	1.2851	255.0	11.6
385.	956.0	-10.3	-6.6	-6.3	-10.3	97.	2.5316	2.0873	1.2676	255.0	12.1
440.	949.1	-9.6	-5.6	-5.3	-9.6	100.	2.7040	2.2231	1.2567	254.0	12.5
496.	942.0	-9.4	-4.9	-4.6	-9.6	98.	2.6971	2.2177	1.2464	254.0	12.8
554.	935.2	-9.2	-4.1	-3.8	-9.8	95.	2.6611	2.1893	1.2365	254.0	12.4
613.	928.1	-8.9	-3.6	-2.3	-9.8	92.	2.6460	2.1775	1.2257	254.0	12.8
669.	921.4	-9.1	-2.9	-2.6	-10.3	90.	2.5432	2.0964	1.2177	254.0	12.7
726.	914.7	-9.3	-2.5	-2.2	-10.6	89.	2.4739	2.0397	1.2097	253.0	12.6
784.	907.8	-9.5	-2.1	-1.8	-10.9	88.	2.4003	1.9835	1.2015	253.0	12.5
840.	901.2	-9.6	-1.7	-1.4	-11.0	88.	2.3790	1.9667	1.1932	254.0	12.4
895.	894.8	-9.6	-1.1	-0.8	-11.3	86.	2.3249	1.9238	1.1847	253.0	12.5
954.	888.0	-9.6	-0.5	-0.2	-11.6	84.	2.2708	1.8809	1.1756	253.0	12.6
1012.	881.4	-9.8	-0.1	0.1	-11.8	84.	2.2305	1.8492	1.1678	253.0	12.6
1070.	874.7	-10.0	0.3	0.5	-11.7	86.	2.2437	1.8594	1.1598	254.0	12.7
1130.	868.0	-10.1	0.8	1.0	-14.1	70.	1.8101	1.5138	1.1510	254.0	12.7
1186.	861.4	-10.1	1.4	1.5	-16.7	55.	1.4222	1.2015	1.1420	254.0	12.7
1247.	854.8	-10.1	2.0	2.1	-20.0	40.	1.0343	0.8854	1.1329	254.0	12.7
1305.	848.4	-10.2	2.4	2.5	-22.1	33.	0.8457	0.7299	1.1247	254.0	12.6
1365.	841.8	-10.4	2.8	2.9	-24.0	28.	0.7049	0.6129	1.1167	255.0	12.6
1426.	835.2	-10.6	3.3	3.3	-25.7	24.	0.5935	0.5197	1.1087	255.0	12.7
1485.	828.6	-10.9	3.6	3.6	-26.8	22.	0.5297	0.4659	1.1014	256.0	12.7
1545.	822.3	-11.2	3.9	3.9	-28.0	20.	0.4687	0.4143	1.0940	257.0	12.6
1604.	816.0	-11.4	4.3	4.3	-29.6	17.	0.3913	0.3464	1.0864	258.0	12.4
1665.	809.5	-11.6	4.7	4.7	-31.8	14.	0.3165	0.2842	1.0785	258.0	12.5
1725.	803.2	-12.0	4.9	4.9	-34.4	11.	0.2399	0.2177	1.0716	259.0	12.5
1784.	797.0	-12.3	5.2	5.2	-36.5	9.	0.1910	0.1749	1.0646	260.0	12.4
1844.	790.8	-12.6	5.5	5.5	-36.7	9.	0.1859	0.1704	1.0575	262.0	12.5
1905.	784.4	-12.8	5.9	5.9	-36.9	9.	0.1826	0.1674	1.0497	262.0	12.4
1965.	778.3	-13.0	6.3	6.3	-36.1	10.	0.1992	0.1821	1.0424	264.0	12.4
2024.	772.3	-13.2	6.7	6.7	-34.6	12.	0.2347	0.2132	1.0352	264.0	12.5
2085.	766.1	-13.4	7.1	7.2	-34.8	12.	0.2305	0.2095	1.0277	265.0	12.5
2146.	760.0	-13.6	7.6	7.6	-31.7	17.	0.3206	0.2877	1.0203	265.0	12.5
2205.	754.1	-13.7	7.9	7.9	-28.6	24.	0.4404	0.3902	1.0137	266.0	12.5
2266.	748.0	-14.1	8.3	8.4	-26.3	31.	0.5585	0.4902	1.0064	266.0	12.6
2329.	741.8	-14.4	8.6	8.7	-24.6	40.	0.7011	0.6097	0.9993	266.0	12.7
2392.	735.7	-14.8	8.9	9.0	-22.5	48.	0.8109	0.7011	0.9927	267.0	12.8
2455.	729.6	-15.2	9.1	9.2	-22.7	49.	0.7978	0.6902	0.9860	267.0	12.8
2517.	723.6	-15.6	9.3	9.4	-23.1	49.	0.7688	0.6661	0.9794	267.0	12.9
2579.	717.6	-15.9	9.7	9.8	-23.6	48.	0.7324	0.6358	0.9724	267.0	13.0
2640.	711.8	-16.1	10.1	10.2	-23.6	48.	0.7189	0.6246	0.9653	267.0	13.1
2704.	705.8	-16.3	10.6	10.7	-23.9	48.	0.7056	0.6135	0.9579	268.0	13.1
2766.	700.0	-16.5	11.0	11.1	-23.7	50.	0.7214	0.6267	0.9508	268.0	13.2
2826.	694.4	-16.8	11.3	11.5	-24.0	50.	0.7014	0.6100	0.9442	268.0	13.3
2886.	688.9	-17.1	11.7	11.8	-24.1	51.	0.6956	0.6052	0.9379	269.0	13.3
2946.	683.4	-17.4	12.0	12.1	-24.4	51.	0.6763	0.5890	0.9315	269.0	13.4
3004.	678.1	-17.8	12.2	12.3	-25.1	49.	0.6257	0.5467	0.9256	270.0	13.5
3063.	672.8	-18.2	12.4	12.4	-25.9	47.	0.5779	0.5066	0.9198	270.0	13.5
3119.	667.7	-18.6	12.5	12.6	-26.7	45.	0.5328	0.4685	0.9142	270.0	13.6
3179.	662.4	-19.1	12.6	12.7	-27.4	44.	0.4967	0.4380	0.9087	270.0	13.7
3240.	656.9	-19.6	12.7	12.8	-27.9	44.	0.4736	0.4184	0.9030	271.0	13.7
3300.	651.6	-20.0	12.9	13.0	-28.3	44.	0.4557	0.4033	0.8971	271.0	13.7
3360.	646.4	-20.4	13.1	13.2	-28.7	44.	0.4386	0.3887	0.8913	272.0	13.8
3418.	641.3	-20.8	13.3	13.4	-29.2	43.	0.4124	0.3663	0.8857	272.0	13.9
3475.	636.4	-21.2	13.5	13.6	-30.1	41.	0.3783	0.3372	0.8803	273.0	13.9
3535.	631.2	-21.7	13.6	13.7	-31.0	39.	0.3426	0.3067	0.8748	273.0	13.9
3597.	625.9	-22.1	13.9	13.9	-31.9	37.	0.3127	0.2809	0.8688	274.0	14.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3658.	620.7	-22.4	14.2	14.2	-32.7	35.	0.2873	0.2589	0.8626	274.0	14.1
3719.	615.6	-22.[illegible]	14.4	14.5	-33.6	32.	0.2526	0.2287	0.8568	274.0	14.1
3778.	610.6	-23.1	14.7	14.8	-35.1	29.	0.2222	0.2023	0.8509	274.0	14.2
3838.	605.6	-23.[illegible]	15.[illegible]	15.[illegible]	-36.1	27.	0.1989	0.1818	0.8452	274.0	14.3
3899.	600.6	-23.[illegible]	15.2	15.2	-36.8	26.	0.1841	0.1688	0.8396	274.0	14.5
3960.	595.6	-24.4	15.3	15.3	-36.9	24.	0.1617	0.1490	0.8343	274.0	14.6
4022.	590.7	-24.[illegible]	15.5	15.5	-38.7	23.	0.1489	0.1377	0.8287	274.0	14.8
4080.	585.8	-25.[illegible]	15.6	15.6	-39.6	22.	0.1355	0.1257	0.8235	274.0	14.9
4138.	581.1	-25.7	15.8	15.8	-40.3	21.	0.1243	0.1157	0.8182	274.0	15.0
4200.	576.2	-26.[illegible]	15.9	15.9	-40.5	21.	0.1182	0.1102	0.8129	274.0	15.2
4265.	571.2	-26.[illegible]	16.2	16.2	-40.7	22.	0.1166	0.1108	0.8072	273.0	15.3
4323.	566.4	-27.[illegible]	16.4	16.4	-40.7	23.	0.1194	0.1113	0.8017	273.0	15.4
4382.	561.4	-27.4	16.6	16.6	-41.0	23.	0.1146	0.1070	0.7965	272.0	15.3
4442.	557.1	-27.[illegible]	16.8	16.8	-41.4	23.	0.1100	0.1029	0.7911	271.0	15.4
4502.	552.0	-28.[illegible]	16.9	16.9	-42.2	22.	0.1006	0.0938	0.7862	270.0	15.3
4564.	547.7	-28.[illegible]	17.[illegible]	17.1	-43.7	22.	0.0950	0.0893	0.7809	270.0	15.4
4620.	543.0	-29.[illegible]	17.2	17.2	-44.1	22.	0.0902	0.0850	0.7758	270.0	15.3
4686.	538.4	-29.[illegible]	17.4	17.4	-43.5	22.	0.0856	0.0808	0.7708	270.0	15.2
4746.	533.4	-30.[illegible]	17.5	17.5	-43.5	23.	0.0859	0.0810	0.7656	267.0	15.1
4806.	529.4	-30.[illegible]	17.8	17.9	-43.4	24.	0.0869	0.0819	0.7601	99.9	99.9
4869.	524.7	-31.[illegible]	18.[illegible]	18.[illegible]	-43.9	24.	0.0824	0.0779	0.7549	99.9	99.9
4929.	520.3	-31.[illegible]	18.1	18.1	-44.3	24.	0.0782	0.0741	0.7501	250.0	15.7
4991.	515.7	-32.[illegible]	18.2	18.2	-45.1	23.	0.0711	0.0676	0.7450	246.0	14.9
5053.	511.2	-32.[illegible]	18.4	18.4	-45.6	23.	0.0674	0.0642	0.7401	242.0	15.1
5115.	506.7	-33.[illegible]	18.5	18.5	-46.4	22.	0.0611	0.0584	0.7351	238.0	15.5
5176.	502.3	-33.[illegible]	18.6	18.6	-46.9	22.	0.0580	0.0555	0.7302	237.0	15.5
5242.	497.6	-34.[illegible]	18.8	18.8	-47.3	22.	0.0548	0.0527	0.7249	234.0	16.4
5304.	493.2	-34.5	18.9	18.9	-47.7	22.	0.0521	0.0500	0.7200	99.9	99.9
5365.	488.9	-35.[illegible]	19.0	19.[illegible]	-48.6	21.	0.0471	0.0454	0.7152	99.9	99.9
5425.	484.7	-35.[illegible]	19.1	19.1	-49.[illegible]	21.	0.0446	0.0431	0.7105	224.0	19.9
5487.	480.4	-36.[illegible]	19.2	19.[illegible]	-49.[illegible]	20.	0.0402	0.0390	0.7057	99.9	99.9
5545.	476.1	-36.[illegible]	19.4	19.4	-50.[illegible]	20.	0.0381	0.0370	0.7009	230.0	21.2
5614.	471.7	-36.[illegible]	19.7	19.7	-50.7	20.	0.0364	0.0355	0.6956	231.0	22.5
5678.	467.3	-37.4	19.8	19.8	-51.[illegible]	19.	0.0327	0.0320	0.6905	232.0	23.8
5742.	463.[illegible]	-37.7	20.[illegible]	20.[illegible]	-51.[illegible]	19.	0.0317	0.0310	0.6851	99.9	99.9
5804.	459.[illegible]	-38.[illegible]	20.4	20.4	-52.[illegible]	18.	0.0284	0.0279	0.6803	254.0	18.[illegible]
5865.	454.6	-38.7	20.5	20.5	-53.5	17.	0.0255	0.0250	0.6758	263.0	18.6
5928.	450.6	-39.[illegible]	20.6	20.6	-54.0	17.	0.0240	0.0237	0.6710	268.0	19.4
5992.	446.4	-39.7	20.8	20.8	-54.4	17.	0.0226	0.0224	0.6662	270.0	19.4
6053.	442.4	-40.[illegible]	20.[illegible]	20.9	-54.8	17.	0.0214	0.0212	0.6616	270.0	19.6
6112.	438.6	-40.[illegible]	20.[illegible]	20.[illegible]	-55.4	17.	0.0200	0.0199	0.6576	283.0	20.5
6173.	434.7	-41.[illegible]	21.[illegible]	21.[illegible]	-55.6	17.	0.0189	0.0188	0.6532	99.9	99.9
6231.	431.0	-41.[illegible]	20.[illegible]	20.9	-55.3	17.	0.0176	0.0176	0.6493	99.9	99.9
6287.	427.4	-42.4	21.[illegible]	21.[illegible]	-56.3	18.	0.0176	0.0176	0.6453	99.9	99.9
6349.	423.5	-42.[illegible]	21.1	21.1	-56.8	18.	0.0166	0.0167	0.6408	99.9	99.9
6411.	419.6	-43.5	21.2	21.2	-57.3	18.	0.0155	0.0156	0.6365	99.9	99.9
6475.	415.6	-44.1	21.[illegible]	21.2	-57.8	16.	0.0145	0.0145	0.6321	99.9	99.9
6537.	411.8	-44.7	21.[illegible]	21.[illegible]	-58.8	17.	0.0127	0.0129	0.6280	99.9	99.9
6599.	408.0	-45.2	21.3	21.3	-59.2	17.	0.0120	0.0121	0.6235	99.9	99.9
6663.	404.1	-45.7	21.5	21.5	-55.3	18.	0.0122	0.0121	0.6189	99.9	99.9
6724.	400.4	-46.1	21.7	21.7	-60.0	17.	0.0108	0.0110	0.6143	256.0	21.6
6785.	396.7	-46.7	21.7	21.7	-60.6	17.	0.0100	0.0102	0.6103	257.0	22.0
6849.	392.9	-47.2	21.9	21.9	-61.0	17.	0.0094	0.0096	0.6058	258.0	22.5
6915.	389.0	-47.[illegible]	22.[illegible]	22.[illegible]	-61.1	18.	0.0093	0.0095	0.6013	259.0	22.8
6974.	385.5	-48.3	22.1	22.1	-61.6	18.	0.0088	0.0090	0.5973	261.0	23.5
7036.	381.9	-48.[illegible]	22.2	22.2	-62.2	18.	0.0082	0.0084	0.5930	262.0	24.0
7098.	378.3	-49.4	22.2	22.2	-62.5	18.	0.0076	0.0079	0.5890	262.0	24.2
7162.	374.6	-50.[illegible]	22.[illegible]	22.[illegible]	-63.1	18.	0.0071	0.0073	0.5848	261.0	24.6
7227.	370.9	-50.[illegible]	22.[illegible]	22.[illegible]	-63.6	18.	0.0066	0.0068	0.5806	261.0	24.8
7290.	367.3	-51.1	22.4	22.4	-64.[illegible]	18.	0.0062	0.0064	0.5762	261.0	25.1
7352.	363.8	-51.4	22.8	22.4	-64.3	18.	0.0060	0.0062	0.5715	261.0	25.3
7415.	360.3	-51.[illegible]	23.1	23.1	-64.7	18.	0.0057	0.0059	0.5670	261.0	25.5
7476.	356.[illegible]	-52.1	23.[illegible]	23.[illegible]	-64.9	18.	0.0055	0.0057	0.5625	261.0	25.8
7538.	353.5	-52.[illegible]	24.1	24.1	-65.1	18.	0.0053	0.0056	0.5576	261.0	25.9
7602.	350.0	-52.5	24.7	24.7	-65.7	17.	0.0049	0.0051	0.5526	261.0	26.1
7665.	346.6	-52.[illegible]	25.1	25.1	-65.[illegible]	17.	0.0047	0.0049	0.5480	262.0	26.3
7729.	343.2	-53.1	25.[illegible]	25.[illegible]	-66.6	16.	0.0043	0.0045	0.5433	262.0	26.4
7791.	339.9	-53.[illegible]	25.7	25.7	-67.1	16.	0.0040	0.0042	0.5393	262.0	26.6
7853.	336.6	-54.[illegible]	25.[illegible]	25.9	-67.9	15.	0.0036	0.0038	0.5351	262.0	26.7
7918.	333.2	-54.[illegible]	26.[illegible]	26.[illegible]	-68.4	15.	0.0033	0.0035	0.5311	262.0	26.7
7984.	329.8	-55.1	26.2	26.2	-67.3	14.	0.0029	0.0031	0.5269	262.0	26.8
8048.	326.5	-55.[illegible]	26.[illegible]	26.3	-69.6	14.	0.0028	0.0029	0.5226	262.0	26.8
8112.	323.3	-56.[illegible]	26.[illegible]	26.[illegible]	-69.9	14.	0.0026	0.0028	0.5182	262.0	26.9
8175.	320.0	-56.2	27.2	27.2	-70.[illegible]	13.	0.0023	0.0025	0.5138	263.0	26.9
8243.	316.6	-56.[illegible]	27.[illegible]	27.[illegible]	-71.1	13.	0.0022	0.0024	0.5093	263.0	26.9
8307.	313.4	-57.1	27.8	27.8	-71.5	13.	0.0021	0.0022	0.5053	263.0	26.8
8372.	310.2	-57.5	28.1	28.1	-72.4	12.	0.0018	0.0020	0.5011	263.0	26.9
8437.	307.0	-57.[illegible]	28.6	28.6	-73.2	11.	0.0016	0.0017	0.4966	263.0	26.8
8501.	303.9	-58.1	29.0	29.0	-73.5	11.	0.0015	0.0017	0.4923	263.0	26.8
8566.	300.8	-58.4	29.5	29.5	-73.8	11.	0.0015	0.0016	0.4879	263.0	26.8
8629.	297.8	-58.[illegible]	29.8	29.[illegible]	-74.7	10.	0.0013	0.0014	0.4840	263.0	26.7
8692.	294.8	-59.1	30.3	30.3	-75.0	10.	0.0012	0.0013	0.4798	263.0	26.7
8756.	291.8	-59.[illegible]	30.9	30.9	-75.1	10.	0.0012	0.0013	0.4753	263.0	26.7
8818.	288.9	-59.5	31.4	31.4	-74.7	11.	0.0013	0.0014	0.4711	263.0	26.7
8879.	286.1	-59.7	32.[illegible]	32.[illegible]	-75.5	10.	0.0011	0.0012	0.4669	264.0	26.7
8943.	283.2	-60.[illegible]	32.5	32.5	-76.4	9.	0.0010	0.0011	0.4628	264.0	26.9
9007.	280.3	-60.5	32.6	32.6	-76.8	9.	0.0009	0.0010	0.4592	264.0	27.2
9073.	277.3	-61.[illegible]	32.9	32.9	-77.3	9.	0.0008	0.0009	0.4553	263.0	27.3
9139.	274.4	-61.2	33.5	33.5	-77.4	9.	0.0008	0.0009	0.4510	263.0	27.6
9200.	271.7	-61.4	34.1	34.1	-77.6	9.	0.0008	0.0009	0.4470	263.0	27.6
9259.	269.1	-61.6	34.6	34.6	-77.8	9.	0.0008	0.0009	0.4431	263.0	28.1
9317.	266.6	-61.7	35.3	35.3	-78.6	8.	0.0007	0.0008	0.4392	263.0	28.4
9375.	264.1	-61.7	36.1	36.1	-78.6	8.	0.0007	0.0008	0.4351	263.0	28.7
9432.	261.7	-61.8	36.8	36.8	-77.9	9.	0.0008	0.0008	0.4314	262.0	29.0
9489.	259.3	-62.0	37.3	37.3	-78.1	9.	0.0007	0.0008	0.4278	262.0	29.4
9544.	257.0	-62.3	37.7	37.7	-79.1	8.	0.0006	0.0007	0.4246	262.0	29.7
9601.	254.6	-62.6	38.1	38.1	-80.2	7.	0.0005	0.0006	0.4212	262.0	30.0
9660.	252.2	-62.8	38.6	38.6	-80.3	7.	0.0005	0.0006	0.4177	262.0	30.3
9721.	249.7	-63.0	39.2	39.2	-80.5	7.	0.0005	0.0006	0.4139	261.0	30.6
9780.	247.3	-63.1	39.9	39.9	-81.5	6.	0.0004	0.0005	0.4101	261.0	30.8
9838.	245.0	-63.3	40.4	40.4	-81.7	6.	0.0004	0.0005	0.4067	261.0	31.1
9850.	242.9	-63.5	40.9	40.9	-81.8	6.	0.0004	0.0005	0.4036	261.0	31.4
9946.	240.7	-63.9	41.1	41.1	-82.2	6.	0.0004	0.0004	0.4007	261.0	31.5
10002.	238.5	-64.3	41.4	41.4	-82.5	6.	0.0004	0.0004	0.3978	261.0	31.7
10059.	236.3	-64.5	41.9	41.9	-82.7	6.	0.0003	0.0004	0.3945	262.0	31.9
10111.	234.3	-64.7	42.4	42.4	-82.8	6.	0.0003	0.0004	0.3916	262.0	32.1
10165.	232.2	-64.9	42.9	42.9	-84.1	5.	0.0003	0.0003	0.3884	262.0	32.2
10218.	230.2	-65.2	43.2	43.2	-84.3	5.	0.0003	0.0003	0.3856	262.0	32.4
10276.	228.0	-65.3	43.9	43.9	-84.4	5.	0.0003	0.0003	0.3821	263.0	32.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10335.	225.8	-65.3	44.8	44.8	-84.4	5.	0.0003	0.0003	0.3784	263.0	32.5
10397.	223.5	-65.3	45.7	45.7	-84.4	5.	0.0003	0.0003	0.3746	263.0	32.6
10458.	221.3	-65.5	46.3	46.3	-84.6	5.	0.0003	0.0003	0.3713	263.0	32.8
10515.	219.2	-65.6	47.0	47.0	-84.6	5.	0.0002	0.0003	0.3679	264.0	32.9
10571.	217.2	-65.6	47.9	47.9	-84.6	5.	0.0002	0.0003	0.3646	264.0	33.0
10627.	215.2	-65.5	48.9	48.9	-84.6	5.	0.0003	0.0003	0.3610	264.0	33.1
10684.	213.2	-65.5	49.7	49.7	-84.6	5.	0.0003	0.0003	0.3577	264.0	33.0
10738.	211.3	-65.5	50.6	50.6	-84.6	5.	0.0003	0.0003	0.3545	264.0	33.2
10793.	209.4	-65.4	51.6	51.6	-85.8	4.	0.0002	0.0002	0.3511	265.0	33.2
10848.	207.5	-65.4	52.4	52.4	-85.8	4.	0.0002	0.0002	0.3479	265.0	33.3
10904.	205.6	-65.3	53.4	53.4	-84.4	5.	0.0003	0.0003	0.3446	265.0	33.3
10958.	203.8	-65.4	54.1	54.1	-84.5	5.	0.0003	0.0003	0.3417	265.0	33.4
11012.	202.0	-65.4	54.9	54.9	-84.5	5.	0.0003	0.0003	0.3387	265.0	33.4
11066.	200.2	-65.3	55.9	55.9	-84.4	5.	0.0003	0.0003	0.3355	265.0	33.5
11118.	198.5	-65.3	56.7	56.7	-84.4	5.	0.0003	0.0003	0.3327	265.0	33.5
11170.	196.8	-65.3	57.5	57.5	-84.4	5.	0.0003	0.0003	0.3298	265.0	33.5
11226.	195.0	-65.3	58.4	58.4	-85.7	4.	0.0002	0.0002	0.3268	265.0	33.6
11279.	193.3	-65.2	59.4	59.4	-85.6	4.	0.0002	0.0002	0.3238	265.0	33.7
11333.	191.6	-65.1	60.4	60.4	-84.2	5.	0.0003	0.0003	0.3208	264.0	33.7
11384.	190.0	-65.0	61.3	61.3	-84.1	5.	0.0003	0.0003	0.3180	264.0	33.9
11435.	188.4	-64.8	62.5	62.5	-84.0	5.	0.0003	0.0003	0.3150	264.0	34.0
11487.	186.8	-64.6	63.6	63.6	-83.8	5.	0.0003	0.0003	0.3120	264.0	34.0
11540.	185.2	-64.5	64.6	64.6	-83.7	5.	0.0003	0.0003	0.3092	264.0	34.1
11589.	183.7	-64.6	65.2	65.2	-83.8	5.	0.0003	0.0003	0.3069	263.0	34.2
11643.	182.1	-64.6	66.1	66.1	-83.8	5.	0.0003	0.0003	0.3042	263.0	34.3
11696.	180.5	-64.5	67.1	67.1	-83.7	5.	0.0003	0.0003	0.3014	263.0	34.5
11747.	179.0	-64.5	67.9	67.9	-83.7	5.	0.0003	0.0003	0.2989	263.0	34.6
11799.	177.5	-64.1	69.4	69.4	-83.4	5.	0.0003	0.0004	0.2958	262.0	34.6
11851.	176.0	-63.9	70.5	70.5	-83.2	5.	0.0003	0.0004	0.2930	262.0	34.9
11903.	174.5	-63.9	71.4	71.4	-83.2	5.	0.0003	0.0004	0.2905	261.0	35.0
11956.	173.0	-64.1	71.9	71.9	-83.4	5.	0.0003	0.0004	0.2883	261.0	35.1
12013.	171.4	-64.2	72.6	72.6	-84.8	4.	0.0002	0.0003	0.2858	261.0	35.2
12066.	169.9	-64.3	73.4	73.4	-84.9	4.	0.0002	0.0003	0.2834	261.0	35.4
12120.	168.4	-64.4	74.1	74.1	-84.9	4.	0.0002	0.0003	0.2810	261.0	35.6
12179.	166.8	-64.5	75.2	75.2	-84.9	4.	0.0002	0.0003	0.2782	261.0	35.7
12237.	165.2	-64.2	76.3	76.3	-84.8	4.	0.0002	0.0003	0.2754	261.0	35.9
12293.	163.7	-64.2	77.2	77.2	-84.8	4.	0.0002	0.0003	0.2729	261.0	36.1
12349.	162.2	-64.3	78.0	78.0	-84.9	4.	0.0002	0.0003	0.2705	261.0	36.3
12406.	160.7	-64.3	78.9	78.9	-83.6	5.	0.0003	0.0003	0.2680	261.0	36.5
12463.	159.2	-64.3	79.9	79.9	-83.6	5.	0.0003	0.0003	0.2655	262.0	36.7
12517.	157.6	-64.3	80.7	80.7	-83.6	5.	0.0003	0.0003	0.2632	262.0	36.8
12576.	156.3	-64.2	81.9	81.9	-84.8	4.	0.0002	0.0003	0.2606	262.0	37.1
12631.	154.9	-64.1	83.0	83.0	-84.7	4.	0.0002	0.0003	0.2581	263.0	37.3
12686.	153.5	-64.0	84.1	84.1	-84.6	4.	0.0002	0.0003	0.2557	263.0	37.4
12738.	152.2	-63.9	85.1	85.1	-83.2	5.	0.0003	0.0004	0.2534	263.0	37.5
12795.	150.8	-64.0	85.9	85.9	-83.3	5.	0.0003	0.0004	0.2512	264.0	37.7
12859.	149.7	-64.2	86.3	86.3	-84.8	4.	0.0002	0.0003	0.2496	264.0	37.8
12869.	148.5	-64.3	86.5	86.5	-84.9	4.	0.0002	0.0003	0.2477	265.0	37.9
12938.	147.3	-64.4	87.6	87.6	-84.9	4.	0.0002	0.0003	0.2458	265.0	38.0
12984.	146.2	-64.1	88.9	88.9	-84.7	4.	0.0002	0.0003	0.2436	266.0	38.1
13034.	145.0	-63.9	90.1	90.1	-84.5	4.	0.0003	0.0003	0.2414	266.0	38.3
13085.	143.8	-63.7	91.3	91.3	-84.4	4.	0.0003	0.0003	0.2392	267.0	38.3
13132.	142.7	-63.5	92.5	92.5	-82.9	5.	0.0003	0.0004	0.2371	267.0	38.5
13184.	141.5	-63.3	93.7	93.7	-82.7	5.	0.0003	0.0004	0.2349	268.0	38.6
13232.	140.4	-63.2	94.7	94.7	-82.7	5.	0.0003	0.0004	0.2330	267.0	38.7
13284.	139.2	-63.2	95.6	95.6	-82.7	5.	0.0003	0.0004	0.2310	269.0	38.9
13335.	138.1	-62.9	96.4	96.4	-83.7	4.	0.0003	0.0003	0.2286	268.0	39.2
13378.	137.1	-62.7	96.1	96.1	-83.6	4.	0.0003	0.0003	0.2269	268.0	39.3
13427.	136.0	-62.5	99.5	99.5	-82.1	5.	0.0004	0.0004	0.2249	268.0	39.5
13482.	134.8	-62.2	100.8	100.8	-81.8	5.	0.0004	0.0005	0.2226	268.0	39.7
13537.	133.6	-61.9	102.2	102.2	-81.6	5.	0.0004	0.0005	0.2203	268.0	39.9
13595.	132.4	-61.7	103.4	103.4	-81.5	5.	0.0004	0.0005	0.2182	267.0	40.0
13645.	131.3	-61.6	104.5	104.5	-81.5	5.	0.0004	0.0005	0.2164	268.0	40.3
13696.	130.2	-61.6	105.2	105.2	-81.5	5.	0.0004	0.0005	0.2146	267.0	40.5
13749.	129.1	-61.6	106.1	106.1	-81.5	5.	0.0004	0.0005	0.2128	268.0	40.9
13807.	127.9	-61.5	106.9	106.9	-81.6	5.	0.0004	0.0005	0.2109	268.0	41.1
13865.	126.7	-62.0	107.8	107.8	-83.0	4.	0.0003	0.0004	0.2090	268.0	41.3
13924.	125.5	-62.2	108.8	108.8	-83.0	4.	0.0003	0.0004	0.2071	268.0	41.5
13983.	124.3	-62.5	109.8	109.8	-83.0	4.	0.0003	0.0004	0.2051	268.0	41.6
14038.	123.2	-61.4	111.2	111.2	-81.5	5.	0.0004	0.0005	0.2031	269.0	41.7
14088.	122.2	-61.3	112.3	112.3	-81.3	5.	0.0004	0.0005	0.2012	267.0	41.9
14144.	121.1	-61.2	113.7	113.7	-81.3	5.	0.0004	0.0005	0.1993	269.0	42.0
14201.	120.0	-61.1	115.0	115.0	-81.1	5.	0.0005	0.0005	0.1973	269.0	42.1
14258.	118.9	-61.1	116.1	116.1	-81.1	5.	0.0005	0.0005	0.1955	269.0	42.1
14315.	117.9	-61.2	117.2	117.2	-82.3	4.	0.0004	0.0004	0.1936	268.0	42.2
14373.	116.7	-61.1	118.5	118.5	-82.3	4.	0.0004	0.0004	0.1917	268.0	42.2
14427.	115.7	-61.1	119.5	119.5	-82.3	4.	0.0004	0.0004	0.1901	269.0	42.2
14489.	114.7	-61.2	120.3	120.3	-81.0	5.	0.0004	0.0005	0.1885	269.0	42.3
14555.	113.7	-60.9	121.8	121.8	-82.1	4.	0.0004	0.0004	0.1866	269.0	42.3
14584.	112.8	-60.8	122.4	122.4	-80.4	5.	0.0005	0.0006	0.1848	270.0	42.5
14638.	111.8	-60.1	123.6	123.6	-80.1	5.	0.0005	0.0006	0.1828	270.0	42.6
14690.	110.9	-59.8	124.7	124.7	-79.8	5.	0.0006	0.0006	0.1811	270.0	42.8
14746.	109.9	-59.6	125.8	125.8	-79.6	5.	0.0006	0.0006	0.1792	270.0	42.9
14798.	109.1	-59.4	126.7	126.7	-79.5	5.	0.0006	0.0007	0.1778	270.0	43.1
14844.	108.2	-59.2	127.6	127.6	-79.2	5.	0.0007	0.0007	0.1762	270.0	43.4
14899.	107.4	-58.9	128.7	128.7	-78.9	5.	0.0008	0.0008	0.1746	270.0	43.7
14937.	106.8	-59.2	128.7	128.7	-78.2	5.	0.0006	0.0007	0.1734	270.0	43.8
14990.	105.7	-59.3	129.8	129.8	-79.5	5.	0.0006	0.0007	0.1722	270.0	44.1
15038.	104.9	-59.4	130.5	130.5	-79.7	5.	0.0006	0.0006	0.1711	270.0	44.7
15081.	104.0	-59.6	131.3	131.3	-79.9	5.	0.0006	0.0007	0.1694	270.0	45.2
15141.	103.2	-59.7	132.7	132.7	-79.1	5.	0.0006	0.0007	0.1678	270.0	45.5
15191.	102.3	-59.8	133.7	133.7	-79.6	5.	0.0007	0.0007	0.1660	270.0	46.0
15250.	101.4	-59.8	134.1	134.1	-78.8	5.	0.0007	0.0008	0.1643	270.0	46.3
15304.	100.5	-59.8	134.4	134.4	-78.5	5.	0.0007	0.0008	0.1628	270.0	46.7
15363.	99.6	-59.8	135.2	135.2	-78.4	5.	0.0007	0.0008	0.1613	270.0	47.2
15415.	98.8	-59.8	135.8	135.8	-79.7	4.	0.0006	0.0006	0.1599	270.0	47.6
15471.	97.9	-59.8	136.7	136.7	-79.8	4.	0.0006	0.0006	0.1585	270.0	47.9
15529.	97.0	-59.8	137.5	137.5	-79.8	4.	0.0006	0.0006	0.1571	270.0	48.3
15588.	96.1	-59.8	138.3	138.3	-79.8	4.	0.0006	0.0006	0.1556	270.0	48.6
15647.	95.2	-59.8	139.2	139.2	-79.8	4.	0.0006	0.0006	0.1541	270.0	49.0
15707.	94.3	-59.8	140.0	140.0	-78.4	4.	0.0007	0.0008	0.1527	270.0	49.3
15767.	93.4	-59.8	140.9	140.9	-78.4	4.	0.0007	0.0008	0.1512	270.0	49.6
15825.	92.4	-59.8	141.8	141.8	-78.6	4.	0.0006	0.0006	0.1496	270.0	49.9
15886.	91.5	-59.8	142.7	142.7	-79.7	4.	0.0006	0.0006	0.1481	270.0	50.2
15945.	90.6	-59.7	143.6	143.6	-79.1	5.	0.0008	0.0008	0.1465	270.0	50.5
16021.	89.7	-59.4	144.4	144.4	-79.2	5.	0.0007	0.0007	0.1446	271.0	50.8
16083.	88.8	-59.1	145.3	145.3	-79.3	5.	0.0007	0.0007	0.1432	271.0	51.0
16142.	88.0	-58.9	146.0	146.0	-78.7	4.	0.0007	0.0007	0.1416	271.0	51.3
16207.	87.1	-58.6	146.9	146.9	-79.4	4.	0.0007	0.0008	0.1399	272.0	51.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
16266.	86.3	-55.8	164.4	164.4	-78.0	4.	0.0008	0.0006	0.1383	272.0	51.6
16325.	85.5	-55.4	166.4	166.4	-77.7	4.	0.0008	0.0009	0.1368	272.0	52.1
16385.	84.7	-55.1	168.2	168.2	-77.4	4.	0.0008	0.0009	0.1353	273.0	52.4
16446.	83.9	-55.0	169.6	169.6	-77.3	4.	0.0008	0.0009	0.1340	273.0	52.8
16507.	83.1	-54.8	171.2	171.2	-77.2	4.	0.0009	0.0010	0.1326	274.0	52.9
16561.	82.4	-54.6	172.7	172.7	-77.0	4.	0.0009	0.0010	0.1313	274.0	53.1
16615.	81.7	-54.2	174.6	174.6	-76.7	4.	0.0009	0.0010	0.1300	275.0	53.5
16670.	81.0	-53.9	176.3	176.3	-76.5	4.	0.0010	0.0011	0.1287	275.0	53.7
16726.	80.3	-53.8	177.6	177.6	-76.4	4.	0.0010	0.0011	0.1275	275.0	54.0
16782.	79.6	-53.6	179.2	179.2	-76.2	4.	0.0010	0.0011	0.1263	276.0	54.4
16839.	78.9	-53.4	180.7	180.7	-76.1	4.	0.0010	0.0011	0.1251	276.0	54.7
16896.	78.2	-53.4	181.9	181.9	-76.1	4.	0.0010	0.0011	0.1240	276.0	54.9
16946.	77.6	-53.3	183.1	183.1	-76.0	4.	0.0010	0.0011	0.1230	277.0	55.4
17004.	76.9	-53.1	184.7	184.7	-75.8	4.	0.0011	0.0012	0.1217	277.0	55.8
17054.	76.3	-52.9	186.1	186.1	-75.6	4.	0.0011	0.0012	0.1207	277.0	56.2
17114.	75.6	-52.9	187.4	187.4	-75.6	4.	0.0011	0.0012	0.1196	277.0	56.8
17165.	75.0	-52.9	188.4	188.4	-75.6	4.	0.0011	0.0012	0.1186	277.0	57.2
17225.	74.3	-52.6	189.9	189.9	-75.6	4.	0.0011	0.0012	0.1175	278.0	57.7
17278.	73.7	-52.7	191.1	191.1	-75.5	4.	0.0011	0.0012	0.1165	278.0	58.3
17330.	73.1	-52.5	192.6	192.6	-77.1	3.	0.0009	0.0010	0.1154	278.0	58.7
17383.	72.5	-52.3	194.2	194.2	-77.0	3.	0.0009	0.0010	0.1144	278.0	59.2
17446.	71.8	-52.3	195.5	195.5	-77.0	3.	0.0009	0.0010	0.1133	278.0	59.7
17509.	71.1	-52.4	196.6	196.6	-77.1	3.	0.0009	0.0010	0.1122	278.0	60.0
17564.	70.5	-52.4	197.7	197.7	-77.1	3.	0.0009	0.0010	0.1113	278.0	60.4
17628.	69.8	-52.6	199.9	199.9	-76.7	3.	0.0009	0.0010	0.1100	278.0	61.7
17694.	69.1	-51.7	201.9	201.9	-76.5	3.	0.0010	0.0011	0.1087	278.0	61.0
17750.	68.5	-51.6	203.3	203.3	-76.4	3.	0.0010	0.0011	0.1077	278.0	61.2
17817.	67.8	-51.5	204.9	204.9	-76.4	3.	0.0010	0.0011	0.1066	278.0	61.5
17884.	67.1	-51.3	206.8	206.8	-76.2	3.	0.0010	0.0011	0.1054	278.0	61.7
17952.	66.4	-51.2	208.4	208.4	-78.6	2.	0.0007	0.0008	0.1042	278.0	61.8
18031.	65.6	-51.2	210.1	210.1	-78.6	2.	0.0007	0.0008	0.1030	278.0	61.8
18100.	64.9	-51.2	211.6	211.6	-78.6	2.	0.0007	0.0008	0.1019	279.0	61.9
18166.	64.3	-51.1	213.1	213.1	-78.6	2.	0.0007	0.0008	0.1009	279.0	61.9
18232.	63.6	-51.1	214.6	214.6	-78.6	2.	0.0007	0.0008	0.0998	279.0	62.1
18303.	62.9	-51.2	216.3	216.3	-78.6	2.	0.0007	0.0008	0.0987	279.0	62.1
18376.	62.2	-51.2	217.5	217.5	-82.8	1.	0.0003	0.0004	0.0976	279.0	62.0
18439.	61.6	-51.1	219.1	219.1	-82.7	1.	0.0003	0.0004	0.0966	279.0	62.1
18502.	61.0	-51.0	220.7	220.7	-82.7	1.	0.0003	0.0004	0.0957	279.0	62.1
18567.	60.4	-50.9	222.3	222.3	-82.6	1.	0.0004	0.0004	0.0947	279.0	62.2
18642.	59.7	-51.0	223.7	223.7	-82.7	1.	0.0003	0.0004	0.0936	279.0	62.4
18708.	59.1	-51.1	224.9	224.9	-82.7	1.	0.0003	0.0004	0.0927	279.0	62.5
18774.	58.5	-51.1	226.4	226.4	-82.7	1.	0.0003	0.0004	0.0918	280.0	62.7
18830.	58.0	-51.2	227.4	227.4	-82.8	1.	0.0003	0.0004	0.0910	280.0	62.8
18897.	57.4	-51.2	228.9	228.9	-82.8	1.	0.0003	0.0004	0.0901	280.0	63.2
18954.	56.9	-51.2	230.1	230.1	-82.8	1.	0.0003	0.0004	0.0893	280.0	63.4
19011.	56.4	-51.1	231.6	231.6	-82.7	1.	0.0003	0.0004	0.0885	280.0	63.9
19069.	55.9	-51.1	232.9	232.9	-82.7	1.	0.0003	0.0004	0.0877	281.0	64.3
19128.	55.4	-51.1	234.2	234.2	-82.7	1.	0.0003	0.0004	0.0869	281.0	64.7
19186.	54.9	-50.9	236.0	236.0	-82.6	1.	0.0004	0.0004	0.0861	281.0	65.1
19246.	54.4	-50.8	237.4	237.4	-82.4	1.	0.0004	0.0004	0.0852	281.0	65.7
19306.	53.9	-50.8	238.8	238.8	-82.4	1.	0.0004	0.0004	0.0844	281.0	66.0
19367.	53.4	-49.4	242.4	242.4	-81.9	1.	0.0004	0.0005	0.0833	281.0	66.6
19416.	53.0	-49.7	243.3	243.3	-81.7	1.	0.0004	0.0005	0.0826	282.0	67.0
19478.	52.5	-49.5	245.0	245.0	-81.6	1.	0.0004	0.0005	0.0818	281.0	67.3
19540.	52.0	-49.2	246.5	246.5	-81.3	1.	0.0004	0.0005	0.0809	282.0	67.3
19604.	51.5	-48.9	248.0	248.0	-81.1	1.	0.0004	0.0005	0.0800	282.0	67.6
19655.	51.1	-48.7	249.3	249.3	-81.0	1.	0.0004	0.0005	0.0793	282.0	67.5
19719.	50.6	-48.4	250.9	250.9	-80.8	1.	0.0004	0.0005	0.0784	282.0	67.4
19779.	50.2	-48.1	252.4	252.4	-80.5	1.	0.0004	0.0006	0.0774	282.0	67.5
19851.	49.6	-47.9	253.1	253.1	-80.4	1.	0.0004	0.0005	0.0767	282.0	67.4

SOUNDING 17.2
LATITUDE -58.4 LONGITUDE 3.5
DATE 10-23-81 TIME 2359 GMT
NUMBER OF LEVELS 89

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1002.9	-0.2	-0.9	-0.1	-2.4	73.	2.8356	2.3738	1.3062	11.0	4.1
61.	995.1	-4.7	-4.7	-4.6	-8.2	74.	2.5084	2.5054	1.2938	10.0	4.3
124.	987.2	-4.6	-3.8	-4.5	-7.8	74.	2.6169	2.6881	1.2817	9.0	4.8
175.	981.4	-4.5	-3.8	-4.5	-7.4	75.	2.8181	2.5792	1.2739	35.0	5.1
230.	974.0	-4.6	-2.8	-4.4	-8.0	76.	3.1193	2.5686	1.2670	351.0	5.6
282.	967.6	-5.3	-2.8	-5.2	-8.5	76.	2.9886	2.4466	1.2609	347.0	5.7
334.	960.7	-5.5	-2.7	-5.4	-8.8	77.	2.9327	2.3776	1.2542	344.0	5.7
392.	953.7	-6.1	-2.7	-6.0	-9.1	78.	2.8143	2.3093	1.2477	342.0	5.9
452.	946.7	-6.7	-2.6	-6.6	-9.5	77.	2.7188	2.2346	1.2408	339.0	6.1
509.	939.8	-7.2	-2.6	-7.1	-9.7	78.	2.6827	2.2064	1.2325	338.0	6.1
564.	933.2	-7.6	-2.6	-7.5	-9.8	77.	2.6467	2.1760	1.2255	336.0	6.3
617.	926.9	-7.9	-1.4	-7.1	-9.7	77.	2.6677	2.1961	1.2163	334.0	6.5
668.	921.8	-7.1	-0.8	-6.5	-9.5	77.	2.7264	2.2403	1.2079	331.0	6.7
725.	914.1	-6.9	0.1	-6.3	-9.2	77.	2.8385	2.3051	1.1988	330.0	6.7
780.	907.2	-6.8	0.4	-6.2	-9.2	77.	2.8945	2.3052	1.1894	331.0	6.9
840.	900.7	-7.1	1.2	-6.6	-9.2	77.	2.7887	2.2935	1.1817	332.0	7.1
896.	894.3	-7.4	1.2	-6.9	-9.3	77.	2.7780	2.2818	1.1741	332.0	7.1
951.	888.0	-7.5	1.7	-6.9	-9.5	77.	2.7455	2.2445	1.1667	332.0	7.1
1003.	882.0	-7.7	2.0	-6.9	-9.5	77.	2.7152	2.2314	1.1597	332.0	7.2
1060.	875.6	-8.1	2.0	-7.3	-9.8	77.	2.6528	2.1824	1.1530	332.0	7.2
1115.	869.1	-8.6	2.0	-7.7	-10.3	77.	2.5380	2.0930	1.1465	332.0	7.2
1174.	862.8	-9.0	2.0	-8.1	-10.6	77.	2.4776	2.0462	1.1396	332.0	7.3
1232.	856.3	-9.4	2.0	-8.5	-10.8	76.	2.4210	1.9994	1.1330	332.0	7.3
1286.	850.9	-9.8	2.0	-8.9	-11.1	76.	2.3181	1.9164	1.1266	332.0	7.3
1347.	844.6	-10.4	2.0	-9.7	-11.7	76.	2.2476	1.8564	1.1203	332.0	7.3
1405.	839.2	-10.9	2.0	-10.1	-12.1	76.	2.1858	1.7944	1.1143	332.0	7.3
1461.	833.2	-11.5	2.0	-10.7	-12.7	76.	2.1334	1.7461	1.1084	332.0	7.3
1514.	828.0	-11.9	2.0	-11.1	-13.1	76.	2.0754	1.6978	1.1028	332.0	7.3
1577.	821.7	-12.4	2.0	-11.6	-13.5	76.	2.0154	1.6474	1.0964	332.0	7.3
1639.	815.4	-12.9	2.0	-12.1	-14.0	76.	1.9598	1.6030	1.0904	332.0	7.3
1698.	809.6	-13.4	2.0	-12.6	-14.5	76.	1.9101	1.5615	1.0847	332.0	7.3
1757.	803.8	-13.9	2.0	-13.1	-14.9	76.	1.8611	1.5215	1.0791	332.0	7.3
1814.	798.1	-14.4	2.0	-13.6	-15.4	76.	1.8144	1.4833	1.0737	332.0	7.3
1873.	792.3	-14.9	2.0	-14.1	-15.9	76.	1.7688	1.4460	1.0684	332.0	7.3
1931.	786.6	-15.4	2.0	-14.6	-16.4	76.	1.7244	1.4097	1.0632	332.0	7.3
1990.	780.8	-15.9	2.0	-15.1	-16.9	76.	1.6811	1.3743	1.0581	332.0	7.3
2047.	775.2	-16.4	2.0	-15.6	-17.4	76.	1.6389	1.3398	1.0531	332.0	7.3
2104.	769.6	-16.9	2.0	-16.1	-17.9	76.	1.5977	1.3062	1.0482	332.0	7.3
2164.	763.8	-17.4	2.0	-16.6	-18.4	76.	1.5576	1.2734	1.0433	332.0	7.3
2224.	758.0	-17.9	2.0	-17.1	-18.9	76.	1.5184	1.2414	1.0385	332.0	7.3
2284.	752.3	-18.4	2.0	-17.6	-19.4	76.	1.4803	1.2103	1.0338	332.0	7.3
2344.	746.6	-18.9	2.0	-18.1	-19.9	76.	1.4431	1.1799	1.0291	332.0	7.3
2404.	741.0	-19.4	2.0	-18.6	-20.4	76.	1.4069	1.1504	1.0245	332.0	7.3
2464.	735.4	-19.9	2.0	-19.1	-20.9	76.	1.3716	1.1216	1.0200	332.0	7.3
2524.	729.8	-20.4	2.0	-19.6	-21.4	76.	1.3373	1.0936	1.0155	332.0	7.3
2584.	724.3	-20.9	2.0	-20.1	-21.9	76.	1.3038	1.0663	1.0111	332.0	7.3
2644.	718.8	-21.4	2.0	-20.6	-22.4	76.	1.2713	1.0398	1.0067	332.0	7.3
2704.	713.4	-21.9	2.0	-21.1	-22.9	76.	1.2396	1.0139	1.0024	332.0	7.3
2764.	708.0	-22.4	2.0	-21.6	-23.4	76.	1.2088	0.9888	0.9981	332.0	7.3
2824.	702.6	-22.9	2.0	-22.1	-23.9	76.	1.1788	0.9643	0.9939	332.0	7.3
2884.	697.3	-23.4	2.0	-22.6	-24.4	76.	1.1497	0.9405	0.9897	332.0	7.3
2944.	692.0	-23.9	2.0	-23.1	-24.9	76.	1.1213	0.9173	0.9856	332.0	7.3
3002.	686.8	-24.4	2.0	-23.6	-25.4	76.	1.0937	0.8948	0.9815	332.0	7.3
3062.	681.5	-24.9	2.0	-24.1	-25.9	76.	1.0669	0.8729	0.9775	332.0	7.3
3122.	676.4	-25.4	2.0	-24.6	-26.4	76.	1.0408	0.8516	0.9735	332.0	7.3
3182.	671.2	-25.9	2.0	-25.1	-26.9	76.	1.0154	0.8309	0.9696	332.0	7.3
3242.	666.1	-26.4	2.0	-25.6	-27.4	76.	0.9907	0.8108	0.9657	332.0	7.3
3302.	661.0	-26.9	2.0	-26.1	-27.9	76.	0.9667	0.7912	0.9618	332.0	7.3
3362.	656.0	-27.4	2.0	-26.6	-28.4	76.	0.9433	0.7721	0.9580	332.0	7.3
3422.	651.0	-27.9	2.0	-27.1	-28.9	76.	0.9206	0.7536	0.9543	332.0	7.3
3482.	646.0	-28.4	2.0	-27.6	-29.4	76.	0.8985	0.7355	0.9506	332.0	7.3
3542.	641.1	-28.9	2.0	-28.1	-29.9	76.	0.8770	0.7179	0.9469	332.0	7.3
3602.	636.2	-29.4	2.0	-28.6	-30.4	76.	0.8561	0.7008	0.9433	332.0	7.3
3662.	631.3	-29.9	2.0	-29.1	-30.9	76.	0.8357	0.6841	0.9397	332.0	7.3
3722.	626.4	-30.4	2.0	-29.6	-31.4	76.	0.8158	0.6678	0.9361	332.0	7.3
3782.	621.6	-30.9	2.0	-30.1	-31.9	76.	0.7965	0.6520	0.9326	332.0	7.3
3842.	616.8	-31.4	2.0	-30.6	-32.4	76.	0.7776	0.6365	0.9291	332.0	7.3
3902.	612.0	-31.9	2.0	-31.1	-32.9	76.	0.7592	0.6215	0.9256	332.0	7.3
3962.	607.3	-32.4	2.0	-31.6	-33.4	76.	0.7413	0.6068	0.9222	332.0	7.3
4022.	602.6	-32.9	2.0	-32.1	-33.9	76.	0.7238	0.5925	0.9188	332.0	7.3
4082.	597.9	-33.4	2.0	-32.6	-34.4	76.	0.7067	0.5785	0.9154	332.0	7.3
4142.	593.3	-33.9	2.0	-33.1	-34.9	76.	0.6901	0.5649	0.9120	332.0	7.3
4202.	588.7	-34.4	2.0	-33.6	-35.4	76.	0.6738	0.5516	0.9087	332.0	7.3
4262.	584.1	-34.9	2.0	-34.1	-35.9	76.	0.6580	0.5387	0.9054	332.0	7.3
4322.	579.5	-35.4	2.0	-34.6	-36.4	76.	0.6425	0.5260	0.9021	332.0	7.3
4382.	575.0	-35.9	2.0	-35.1	-36.9	76.	0.6274	0.5137	0.8989	332.0	7.3
4442.	570.5	-36.4	2.0	-35.6	-37.4	76.	0.6126	0.5016	0.8957	332.0	7.3
4502.	566.0	-36.9	2.0	-36.1	-37.9	76.	0.5982	0.4898	0.8925	332.0	7.3
4562.	561.6	-37.4	2.0	-36.6	-38.4	76.	0.5841	0.4783	0.8893	332.0	7.3
4622.	557.2	-37.9	2.0	-37.1	-38.9	76.	0.5704	0.4671	0.8862	332.0	7.3
4682.	552.8	-38.4	2.0	-37.6	-39.4	76.	0.5569	0.4561	0.8831	332.0	7.3
4742.	548.4	-38.9	2.0	-38.1	-39.9	76.	0.5438	0.4454	0.8800	332.0	7.3
4802.	544.1	-39.4	2.0	-38.6	-40.4	76.	0.5310	0.4349	0.8769	332.0	7.3
4862.	539.8	-39.9	2.0	-39.1	-40.9	76.	0.5184	0.4246	0.8739	332.0	7.3
4922.	535.5	-40.4	2.0	-39.6	-41.4	76.	0.5061	0.4146	0.8709	332.0	7.3
4982.	531.2	-40.9	2.0	-40.1	-41.9	76.	0.4941	0.4048	0.8679	332.0	7.3
5042.	527.0	-41.4	2.0	-40.6	-42.4	76.	0.4824	0.3952	0.8649	332.0	7.3
5102.	522.8	-41.9	2.0	-41.1	-42.9	76.	0.4709	0.3858	0.8620	332.0	7.3
5162.	518.6	-42.4	2.0	-41.6	-43.4	76.	0.4597	0.3766	0.8591	332.0	7.3
5222.	514.4	-42.9	2.0	-42.1	-43.9	76.	0.4488	0.3677	0.8562	332.0	7.3
5282.	510.3	-43.4	2.0	-42.6	-44.4	76.	0.4381	0.3589	0.8533	332.0	7.3
5342.	506.2	-43.9	2.0	-43.1	-44.9	76.	0.4276	0.3503	0.8505	332.0	7.3
5402.	502.1	-44.4	2.0	-43.6	-45.4	76.	0.4174	0.3419	0.8477	332.0	7.3
5462.	498.0	-44.9	2.0	-44.1	-45.9	76.	0.4074	0.3337	0.8449	332.0	7.3
5522.	494.0	-45.4	2.0	-44.6	-46.4	76.	0.3976	0.3257	0.8421	332.0	7.3
5582.	490.0	-45.9	2.0	-45.1	-46.9	76.	0.3880	0.3178	0.8394	332.0	7.3
5642.	486.0	-46.4	2.0	-45.6	-47.4	76.	0.3786	0.3101	0.8367	332.0	7.3
5702.	482.0	-46.9	2.0	-46.1	-47.9	76.	0.3694	0.3026	0.8340	332.0	7.3
5762.	478.1	-47.4	2.0	-46.6	-48.4	76.	0.3604	0.2952	0.8313	332.0	7.3
5822.	474.2	-47.9	2.0	-47.1	-48.9	76.	0.3516	0.2880	0.8287	332.0	7.3
5882.	470.4	-48.4	2.0	-47.6	-49.4	76.	0.3430	0.2809	0.8261	332.0	7.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5106.	[illegible]	[illegible]	13.6	13.9	-14.6	67.	1.1527	1.0149	0.9847	282.0	13.2
5349.	847.5	-19.2	14.6	[illegible]	-19.8	55.	1.0697	0.9252	0.8882	282.0	15.2
5596.	847.1	-19.6	14.6	[illegible]	-20.4	53.	1.0018	0.8579	0.8693	277.0	17.6
5712.	835.4	-21.7	16.7	[illegible]	-21.7	51.	0.9711	0.7591	0.8513	275.0	20.3
5846.	821.5	-21.1	16.1	[illegible]	-22.1	59.	0.8711	0.7029	0.8323	271.0	23.5
6047.	801.4	-21.1	[illegible]	[illegible]	-22.9	57.	0.7745	0.6755	0.8116	270.0	25.5
6278.	778.1	-20.7	[illegible]	[illegible]	-24.4	54.	0.6446	0.5628	0.7965	270.0	27.7
6446.	761.7	-20.7	[illegible]	[illegible]	-24.6	53.	0.5428	0.4763	0.7824	270.0	29.6
6611.	745.8	-20.7	[illegible]	21.7	-26.2	41.	0.4574	0.4072	0.7697	270.0	31.5
6786.	729.1	-21.1	[illegible]	21.1	-27.1	74.	0.3978	0.3537	0.7567	270.0	31.5
6994.	709.7	-20.7	[illegible]	21.4	-26.4	77.	0.3645	0.3254	0.7414	270.0	32.5
7137.	696.5	-20.7	[illegible]	21.4	-31.2	72.	0.2792	0.2792	0.7267	270.0	33.6
7296.	681.1	-34.8	[illegible]	21.7	-34.8	60.	0.2297	0.2079	0.7138	269.0	35.1
7453.	666.2	-34.7	[illegible]	24.7	-34.7	66.	0.2014	0.2103	0.6991	267.0	36.0
7626.	649.7	-34.7	[illegible]	24.7	-34.6	46.	0.1514	0.1399	0.6848	265.0	36.9
7787.	634.6	-34.7	[illegible]	24.7	-34.4	42.	0.1034	0.1148	0.6702	263.0	38.1
7958.	618.7	-34.7	[illegible]	24.7	-43.4	40.	0.0734	0.0756	0.6564	262.0	39.2
8122.	604.1	-34.7	[illegible]	24.7	-43.3	48.	0.1111	0.1036	0.6438	262.0	41.1
8284.	589.2	-36.2	[illegible]	24.7	-34.4	70.	0.1376	0.1276	0.6326	262.0	41.2
8446.	574.4	-37.4	[illegible]	24.7	-40.1	74.	0.1175	0.1185	0.6213	262.0	42.3
8591.	561.8	-38.2	[illegible]	24.1	-43.4	58.	0.0874	0.0824	0.6117	263.0	43.2
8738.	548.8	-38.4	[illegible]	24.4	-44.6	51.	0.0672	0.0640	0.6015	263.0	44.1
8902.	534.8	-41.4	[illegible]	24.4	-43.7	38.	0.0462	0.0446	0.5897	262.0	44.8
9046.	524.1	-41.4	[illegible]	[illegible]	-46.7	35.	0.0363	0.0357	0.5787	262.0	45.7
9247.	507.4	-42.1	[illegible]	[illegible]	-51.9	25.	0.0218	0.0306	0.5688	262.0	46.7
9384.	496.7	-44.7	[illegible]	[illegible]	-51.6	27.	0.0222	0.0319	0.5577	261.0	46.1
9552.	483.1	-46.2	[illegible]	[illegible]	-41.8	50.	0.0319	0.0307	0.5482	261.0	46.2
9705.	471.9	-47.6	[illegible]	[illegible]	-52.2	37.	0.0202	0.0296	0.5389	261.0	46.6
9851.	461.1	-48.2	[illegible]	[illegible]	-52.8	37.	0.0177	0.0272	0.5288	260.0	47.0
9997.	450.3	-49.5	[illegible]	[illegible]	-54.5	33.	0.0122	0.0222	0.5203	260.0	47.3
10140.	439.8	-50.2	[illegible]	42.7	-55.9	27.	0.0104	0.0164	0.5117	260.0	47.0
10283.	429.4	-50.7	[illegible]	43.0	-56.7	23.	0.0092	0.0130	0.5036	260.0	46.4
10436.	418.4	-50.4	[illegible]	43.4	-54.4	40.	0.0122	0.0105	0.4945	259.0	46.6
10584.	408.0	-50.7	[illegible]	43.4	-62.2	26.	0.0063	0.0085	0.4858	260.0	46.9
10745.	397.2	-50.4	[illegible]	44.1	-63.3	27.	0.0059	0.0071	0.4766	260.0	46.1
10911.	386.1	-50.7	[illegible]	44.1	-64.2	27.	0.0061	0.0063	0.4664	260.0	45.1
11074.	375.1	-50.7	[illegible]	44.1	-65.5	26.	0.0050	0.0057	0.4578	260.0	44.3
11238.	364.5	-51.1	[illegible]	44.5	-67.1	27.	0.0041	0.0042	0.4493	260.0	43.9
11400.	354.7	-51.5	[illegible]	44.9	-68.5	27.	0.0033	0.0035	0.4406	260.0	51.1
11559.	345.0	-51.4	[illegible]	45.0	-68.8	27.	0.0027	0.0029	0.4323	260.0	53.1
11719.	335.2	-54.1	[illegible]	45.4	-71.2	27.	0.0022	0.0023	0.4242	261.0	55.4
11879.	325.6	-54.4	[illegible]	47.0	-71.2	27.	0.0022	0.0023	0.4132	261.0	56.2
12039.	316.2	-54.4	[illegible]	46.7	-71.2	27.	0.0022	0.0022	0.4025	261.0	60.7
12196.	306.1	-56.7	[illegible]	46.1	-72.2	26.	0.0015	0.0020	0.3940	261.0	62.7
12361.	296.1	-56.4	[illegible]	46.5	-73.6	24.	0.0013	0.0016	0.3860	261.0	65.8
12495.	288.7	-57.0	[illegible]	46.3	-74.8	23.	0.0012	0.0014	0.3789	259.0	63.3
12650.	279.6	-56.8	[illegible]	46.3	-76.2	21.	0.0010	0.0011	0.3711	259.0	61.5
12828.	269.6	-56.4	[illegible]	46.4	-77.2	21.	0.0010	0.0010	0.3618	258.0	58.0
13011.	259.2	-59.2	[illegible]	47.5	-77.0	20.	0.0009	0.0010	0.3505	257.0	56.3
13194.	249.0	-59.0	[illegible]	47.6	-76.8	20.	0.0009	0.0010	0.3396	258.0	55.3

SOUNDING 1H.6
LATITUDE -59.7 LONGITUDE [illegible].6
DATE 10-24-81 TIME 1151 GMT
NUMBER OF LEVELS 373

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible].	988.7	1.4	2.9	5.6	0.1	81.	6.1784	4.8998	1.2493	70.0	11.9
46.	978.1	-1.2	1.8	2.4	-1.5	91.	5.9045	4.3800	1.2489	71.0	12.9
84.	968.2	-1.5	1.4	2.5	-1.6	91.	5.3545	4.2774	1.2426	55.0	12.6
143.	957.3	-0.6	2.1	2.7	-1.9	91.	5.2283	4.1770	1.2363	44.0	14.7
190.	947.6	-1.1	2.3	2.8	-2.2	91.	5.0937	4.0787	1.2303	37.0	16.6
237.	938.0	-1.2	2.6	3.2	-2.3	91.	5.0873	4.0463	1.2235	33.0	18.2
283.	928.5	-1.3	3.0	3.5	-2.4	91.	5.1154	4.0142	1.2169	30.0	19.5
328.	919.2	-1.4	3.3	3.9	-2.5	91.	4.9737	3.9823	1.2105	27.0	20.4
375.	909.7	-1.5	3.7	4.3	-2.6	91.	4.9523	3.9507	1.2039	25.0	21.0
423.	900.0	-1.5	4.2	4.7	-2.6	91.	4.9322	3.9506	1.1966	23.0	21.6
471.	890.4	-1.5	4.7	5.2	-2.6	91.	4.9321	3.9505	1.1894	22.0	21.7
521.	880.7	-1.6	5.1	5.4	-2.7	91.	4.8911	3.9199	1.1825	21.0	21.8
571.	871.0	-1.6	5.6	6.1	-2.7	91.	4.8809	3.9180	1.1750	21.0	21.8
617.	861.6	-1.7	5.9	6.5	-2.8	91.	4.8512	3.8877	1.1686	20.0	21.7
666.	851.2	-1.9	6.2	6.8	-3.0	91.	4.7698	3.8261	1.1625	20.0	21.6
712.	841.8	-2.1	6.5	7.1	-3.2	91.	4.6936	3.7653	1.1564	20.0	21.5
759.	831.5	-2.3	6.7	7.3	-3.4	91.	4.6126	3.7054	1.1503	21.0	21.6
804.	821.5	-2.5	7.1	7.7	-3.6	91.	4.5558	3.6464	1.1447	21.0	21.5
848.	811.6	-2.5	7.4	8.0	-3.6	91.	4.5357	3.6464	1.1384	21.0	21.4
892.	801.7	-2.4	7.7	8.3	-3.5	91.	4.5738	3.6756	1.1317	21.0	21.3
937.	791.8	-2.4	8.0	8.6	-3.5	91.	4.5738	3.6756	1.1254	22.0	21.2
984.	781.6	-2.4	8.3	8.9	-3.5	91.	4.5737	3.6755	1.1187	23.0	21.1
1031.	771.5	-2.3	8.6	10.1	-3.4	91.	4.6121	3.7050	1.1117	23.0	21.1
1078.	761.4	-2.2	10.1	10.7	-3.2	91.	4.6498	3.7647	1.1048	24.0	21.0
1116.	752.1	-2.1	10.4	11.0	-3.2	91.	4.6498	3.7646	1.0989	24.0	20.8
1164.	741.2	-2.1	11.0	11.6	-3.2	91.	4.6897	3.7645	1.0926	25.0	20.8
1211.	731.2	-2.3	11.3	11.9	-3.4	91.	4.6117	3.7047	1.0869	26.0	20.8
1258.	721.4	-2.6	11.6	12.2	-3.7	91.	4.4970	3.6165	1.0819	27.0	20.7
1304.	711.8	-2.8	11.8	12.5	-3.9	91.	4.4220	3.5588	1.0760	28.0	20.7
1351.	702.4	-2.9	12.1	12.7	-4.0	91.	4.3848	3.5302	1.0701	28.0	20.7
1398.	692.9	-3.2	12.3	12.9	-4.3	91.	4.2753	3.4458	1.0649	29.0	20.7
1444.	683.5	-3.4	12.6	13.1	-4.5	91.	4.2036	3.3906	1.0591	30.0	20.6
1493.	673.5	-3.6	12.9	13.4	-4.7	91.	4.1331	3.3361	1.0534	31.0	20.7
1543.	663.6	-3.7	13.2	13.8	-4.8	91.	4.0982	3.3092	1.0474	31.0	20.5
1591.	654.7	-3.8	13.4	14.2	-4.9	91.	4.0635	3.2824	1.0414	32.0	20.5
1638.	645.9	-4.0	13.6	14.5	-5.1	91.	3.9951	3.2296	1.0359	33.0	20.4
1686.	636.6	-4.2	14.0	14.8	-5.3	91.	3.9278	3.1775	1.0303	33.0	20.4
1737.	626.4	-4.4	14.3	15.1	-5.5	91.	3.8614	3.1261	1.0244	34.0	20.4
1785.	617.0	-4.6	14.6	15.4	-5.7	91.	3.7961	3.0755	1.0188	34.0	20.4
1835.	607.2	-4.9	15.0	15.8	-6.0	91.	3.7301	3.0011	1.0136	35.0	20.3
1882.	597.8	-5.2	15.2	15.7	-6.3	91.	3.6663	2.9283	1.0082	35.0	20.2
1934.	587.4	-5.4	15.5	16.0	-6.5	91.	3.5450	2.8606	1.0026	35.0	20.2
1984.	578.5	-5.5	15.8	16.4	-6.6	91.	3.5146	2.8570	0.9966	35.0	20.2
2034.	568.7	-5.7	16.2	16.7	-6.8	91.	3.4547	2.8104	0.9910	35.0	20.2
2084.	559.8	-6.0	16.5	16.9	-7.1	91.	3.3666	2.7418	0.9857	35.0	20.3
2131.	747.3	-6.2	16.7	17.2	-7.3	91.	3.3090	2.6969	0.9805	35.0	20.3
2179.	744.7	-6.5	16.9	17.4	-7.6	91.	3.2244	2.6308	0.9755	34.0	20.3
2228.	740.1	-6.7	17.2	17.7	-7.8	91.	3.1690	2.5876	0.9702	34.0	20.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2273.	7[illegible]	-6.	17.7	17.9	-5.0	91.	3.1145	2.5450	0.9653	33.0	20.3
2318.	731.6	-7.	17.	17.	-5.1	91.	3.0875	2.5235	0.9601	32.0	20.2
2364.	727.4	-7.	17.	17.	-5.4	91.	3.0250	2.4617	0.9552	31.0	20.3
2411.	723.7	-7.	17.	17.	-5.6	91.	2.9761	2.4210	0.9501	30.0	20.4
2461.	719.1	-7.7	17.	17.	-5.8	91.	2.9349	2.3809	0.9450	28.0	20.4
2507.	714.	-7.	17.	17.	-5.4	91.	2.8796	2.3615	0.9397	27.0	20.5
2554.	709.	-8.	17.	17.	-9.1	91.	2.8297	2.3215	0.9342	26.0	20.5
2614.	703.	-8.	17.	17.	-8.3	91.	2.7806	2.2832	0.9284	25.0	20.6
2668.	697.	-8.	17.	17.	-8.5	91.	2.7322	2.2452	0.9228	23.0	20.6
2713.	693.1	-8.	17.	17.	-8.0	91.	2.6811	2.1893	0.9178	21.0	21.6
2761.	691.	-8.	17.	17.	-10.0	91.	2.6147	2.1527	0.9131	20.0	22.5
2813.	686.	-8.	17.	17.	-10.3	91.	2.5464	2.0988	0.9080	19.0	22.5
2869.	681.	-8.	17.	17.	-10.7	91.	2.4818	2.0636	0.9022	17.0	22.4
2921.	67[illegible]	-8.	17.	17.	-10.7	91.	2.4678	2.0289	0.8966	16.0	22.4
2976.	67[illegible]	-8.	17.	17.	-11.0	91.	2.3933	1.9779	0.8912	14.0	22.3
3034.	667.	-10.	16.	16.	-11.3	91.	2.3734	1.9281	0.8858	13.0	22.1
3090.	662.	-10.	16.	16.	-11.5	91.	2.3232	1.8954	0.8804	11.0	22.1
3136.	658.	-10.	16.	16.	-11.8	91.	2.2895	1.8793	0.8749	10.0	22.2
3191.	653.	-10.	16.	16.	-11.9	91.	2.2585	1.8317	0.8696	8.0	22.1
3243.	648.1	-11.	17.	17.	-12.1	91.	2.1588	1.7852	0.8647	6.0	22.2
3296.	648.	-11.	23.	24.	-12.3	91.	2.1122	1.7548	0.8593	5.0	22.3
3347.	643.	-11.	24.	24.	-12.5	91.	2.0746	1.7248	0.8542	4.0	22.5
3400.	638.	-11.	24.	24.	-12.8	91.	2.0193	1.6809	0.8490	3.0	22.7
3457.	633.	-12.	24.	24.	-13.1	91.	1.9478	1.6238	0.8443	2.0	20.8
3509.	627.	-12.	24.	24.	-13.5	91.	1.8957	1.5822	0.8396	360.0	21.1
3564.	622.	-12.	24.	24.	-13.8	91.	1.8448	1.5415	0.8347	358.0	21.1
3611.	618.	-13.	25.	25.	-14.1	91.	1.7952	1.5018	0.8302	358.0	21.4
3664.	613.	-13.	25.	25.	-14.4	91.	1.7466	1.4630	0.8253	357.0	21.6
3720.	608.	-13.	25.	25.	-14.7	91.	1.6988	1.4251	0.8202	356.0	21.8
3776.	603.	-14.	25.	25.	-15.1	91.	1.6585	1.3760	0.8154	356.0	22.0
3831.	598.	-14.	26.	26.	-15.4	91.	1.5940	1.3402	0.8103	355.0	22.3
3887.	593.	-14.	26.	26.	-15.8	91.	1.5764	1.2937	0.8056	354.0	22.5
3946.	588.	-15.	26.	26.	-16.1	91.	1.4845	1.2593	0.8008	353.0	22.8
3998.	584.	-15.	26.	27.	-16.4	91.	1.4536	1.2268	0.7959	353.0	23.0
4056.	579.	-15.	27.	27.	-16.6	91.	1.4269	1.2052	0.7906	352.0	23.1
4127.	573.	-15.	27.	27.	-16.7	91.	1.4137	1.1945	0.7851	351.0	23.4
4183.	568.	-16.	27.	28.	-16.9	91.	1.3877	1.1734	0.7798	350.0	23.4
4217.	565.	-16.	28.	28.	-17.1	91.	1.3621	1.1527	0.7748	350.0	23.7
4275.	560.	-16.	28.	28.	-17.4	91.	1.3245	1.1222	0.7698	349.0	23.8
4331.	555.	-16.	28.	29.	-17.7	91.	1.2875	1.0924	0.7649	348.0	23.8
4388.	550.	-17.	29.	29.	-18.0	91.	1.2522	1.0634	0.7601	347.0	23.5
4444.	545.	-17.	29.	30.	-18.2	91.	1.2289	1.0445	0.7553	346.0	24.0
4492.	541.	-17.	30.	30.	-18.5	91.	1.1947	1.0166	0.7510	345.0	24.1
4545.	536.	-17.	30.	30.	-18.8	91.	1.1614	0.9894	0.7465	344.0	24.2
4602.	532.	-18.	30.	31.	-19.0	91.	1.1397	0.9717	0.7414	344.0	24.3
4659.	527.	-18.	31.	31.	-19.1	91.	1.1290	0.9629	0.7361	343.0	24.3
4715.	522.	-18.	31.	32.	-19.2	91.	1.1183	0.9542	0.7309	342.0	24.4
4771.	518.	-18.	32.	32.	-19.3	91.	1.1078	0.9455	0.7257	341.0	24.5
4824.	513.	-18.	32.	32.	-19.6	91.	1.0767	0.9201	0.7213	341.0	24.6
4881.	509.	-19.	32.	32.	-20.1	91.	1.0267	0.8791	0.7172	340.0	24.6
4937.	504.	-19.	32.	33.	-20.5	91.	0.9882	0.8475	0.7129	339.0	24.7
4998.	499.	-19.	33.	33.	-21.0	91.	0.9511	0.8169	0.7084	339.0	24.7
5053.	495.	-20.	33.	33.	-21.3	91.	0.9157	0.7874	0.7040	338.0	24.7
5107.	490.	-20.	33.	33.	-21.7	91.	0.8807	0.7588	0.7000	338.0	24.7
5167.	485.	-21.	33.	33.	-22.2	91.	0.8391	0.7244	0.6956	337.0	24.7
5224.	480.	-21.	33.	33.	-22.6	91.	0.8071	0.6979	0.6913	337.0	24.7
5282.	474.	-22.	33.	34.	-23.1	91.	0.7688	0.6661	0.6873	337.0	24.7
5339.	471.	-22.	33.	34.	-23.6	91.	0.7321	0.6356	0.6833	336.0	24.7
5394.	467.	-23.	33.	34.	-24.1	91.	0.6970	0.6063	0.6795	336.0	24.8
5451.	463.	-22.	34.	34.	-24.5	91.	0.6701	0.5838	0.6753	336.0	25.0
5514.	459.	-24.	34.	34.	-24.9	91.	0.6378	0.5568	0.6711	335.0	24.9
5573.	455.	-24.	34.	34.	-25.4	91.	0.6069	0.5309	0.6670	335.0	25.0
5631.	451.	-24.	34.	34.	-25.8	91.	0.5832	0.5109	0.6624	335.0	25.1
5687.	447.	-25.	34.	34.	-26.2	91.	0.5603	0.4917	0.6584	334.0	25.3
5747.	443.	-25.	34.	35.	-26.6	91.	0.5383	0.4731	0.6540	334.0	25.3
5808.	439.	-26.	35.	35.	-27.1	91.	0.5118	0.4508	0.6498	333.0	25.5
5870.	435.	-26.	35.	35.	-27.5	91.	0.4916	0.4336	0.6453	332.0	25.7
5932.	432.	-27.	35.	35.	-27.9	91.	0.4722	0.4171	0.6408	332.0	25.8
5995.	428.	-27.	35.	36.	-28.3	91.	0.4532	0.4011	0.6362	331.0	25.9
6058.	424.	-27.	36.	36.	-28.7	91.	0.4351	0.3857	0.6317	331.0	26.1
6121.	421.	-28.	36.	36.	-29.1	91.	0.4178	0.3708	0.6271	330.0	26.1
6183.	417.	-28.	36.	36.	-29.5	91.	0.4008	0.3565	0.6227	329.0	26.2
6246.	413.	-29.	36.	36.	-30.0	91.	0.3807	0.3393	0.6186	329.0	26.3
6305.	409.	-29.	36.	37.	-30.5	91.	0.3619	0.3228	0.6147	328.0	26.3
6367.	405.	-30.	37.	37.	-30.9	91.	0.3468	0.3102	0.6104	327.0	26.3
6427.	402.	-30.	37.	37.	-31.3	91.	0.3326	0.2980	0.6062	327.0	26.3
6489.	398.	-30.	37.	37.	-31.8	91.	0.3157	0.2834	0.6021	326.0	26.2
6547.	395.	-31.	37.	37.	-32.3	91.	0.2995	0.2695	0.5984	325.0	26.2
6605.	391.	-31.	37.	37.	-32.8	91.	0.2841	0.2561	0.5947	325.0	26.0
6664.	388.	-32.	37.	37.	-33.3	91.	0.2695	0.2434	0.5910	324.0	25.8
6722.	384.	-33.	37.	37.	-33.9	91.	0.2558	0.2289	0.5876	324.0	25.7
6778.	381.	-33.	38.	38.	-34.2	91.	0.2448	0.2220	0.5837	323.0	25.5
6834.	378.	-33.	38.	38.	-34.5	91.	0.2371	0.2153	0.5797	323.0	25.3
6889.	375.	-34.	38.	38.	-34.9	91.	0.2271	0.2065	0.5762	323.0	25.3
6947.	372.	-34.	38.	38.	-35.4	91.	0.2152	0.1961	0.5725	322.0	25.2
7005.	368.	-35.	38.	38.	-36.0	91.	0.2017	0.1842	0.5693	322.0	25.1
7064.	365.	-35.	38.	38.	-36.6	91.	0.1889	0.1730	0.5659	322.0	25.0
7127.	362.	-36.	38.	38.	-37.2	91.	0.1769	0.1624	0.5622	322.0	24.8
7187.	358.	-36.	38.	38.	-37.7	91.	0.1675	0.1541	0.5585	322.0	24.7
7246.	355.	-37.	39.	39.	-38.1	91.	0.1602	0.1477	0.5547	323.0	24.6
7308.	352.	-37.	39.	39.	-38.4	91.	0.1533	0.1415	0.5506	323.0	24.5
7371.	348.	-38.	39.	39.	-38.9	91.	0.1450	0.1342	0.5467	323.0	24.5
7431.	345.	-38.	39.	39.	-39.4	91.	0.1371	0.1272	0.5431	323.0	24.4
7491.	342.	-39.	39.	39.	-39.9	91.	0.1297	0.1205	0.5395	324.0	24.3
7548.	339.	-39.	39.	39.	-40.4	91.	0.1226	0.1141	0.5362	323.0	24.2
7608.	336.	-40.	39.	39.	-40.9	91.	0.1158	0.1081	0.5328	323.0	24.1
7665.	333.	-40.	40.	40.	-41.3	91.	0.1107	0.1035	0.5291	324.0	24.0
7729.	330.	-40.	40.	40.	-41.7	91.	0.1058	0.0990	0.5251	324.0	23.8
7793.	326.	-41.	40.	40.	-42.5	91.	0.0965	0.0907	0.5219	323.0	23.7
7854.	323.	-42.	40.	40.	-43.2	91.	0.0890	0.0839	0.5185	323.0	23.6
7923.	320.	-43.	40.	40.	-43.8	91.	0.0831	0.0785	0.5149	323.0	23.6
7986.	316.	-43.	40.	40.	-44.4	91.	0.0775	0.0734	0.5113	323.0	23.2
8048.	313.	-44.	40.	40.	-45.0	91.	0.0722	0.0686	0.5080	322.0	22.8
8110.	310.	-44.	40.	40.	-45.6	91.	0.0673	0.0641	0.5046	322.0	22.3
8171.	307.	-45.	40.	40.	-46.2	91.	0.0627	0.0598	0.5013	321.0	21.9
8228.	304.	-45.	40.	40.	-46.7	91.	0.0591	0.0565	0.4981	321.0	21.4
8290.	301.	-46.	40.	40.	-47.3	91.	0.0550	0.0527	0.4948	320.0	21.3
8350.	298.	-47.	40.	40.	-47.9	91.	0.0511	0.0492	0.4917	319.0	21.1
8408.	296.	-47.	40.	40.	-48.5	91.	0.0476	0.0459	0.4886	319.0	20.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8466.	313.4	-48.1	40.3	40.3	-48.9	91.	0.0453	0.0438	0.4852	318.0	20.5
8521.	310.8	-48.5	40.5	40.5	-49.3	91.	0.0432	0.0418	0.4820	317.0	20.1
8576.	308.2	-49.0	40.6	40.6	-49.8	91.	0.0406	0.0394	0.4790	317.0	19.8
8632.	305.6	-49.6	40.5	40.5	-50.4	91.	0.0377	0.0367	0.4763	317.0	19.5
8685.	303.1	-50.2	40.4	40.4	-51.0	91.	0.0350	0.0342	0.4736	316.0	19.1
8741.	300.5	-50.9	40.2	40.2	-51.7	91.	0.0321	0.0314	0.4710	316.0	18.7
8793.	298.1	-51.3	40.3	40.3	-52.1	91.	0.0305	0.0299	0.4681	315.0	18.3
8850.	295.5	-51.7	40.5	40.5	-52.4	91.	0.0291	0.0285	0.4649	315.0	18.0
8907.	292.9	-52.1	40.6	40.6	-52.8	91.	0.0276	0.0272	0.4616	315.0	17.9
8965.	290.3	-52.6	40.6	40.9	-53.3	91.	0.0259	0.0256	0.4586	315.0	17.7
9021.	287.8	-53.1	40.9	40.9	-53.8	91.	0.0243	0.0241	0.4556	315.0	17.6
9081.	285.1	-53.6	41.0	41.1	-54.3	91.	0.0228	0.0226	0.4524	315.0	17.3
9138.	282.7	-54.1	41.1	41.1	-54.8	91.	0.0214	0.0213	0.4496	315.0	17.2
9190.	280.3	-54.5	41.3	41.3	-55.2	91.	0.0202	0.0202	0.4466	314.0	17.0
9247.	277.8	-54.9	41.5	41.5	-55.6	91.	0.0193	0.0193	0.4434	314.0	16.9
9305.	275.3	-55.4	41.6	41.6	-56.1	91.	0.0181	0.0181	0.4404	314.0	16.7
9360.	272.9	-56.0	41.6	41.6	-56.7	91.	0.0168	0.0168	0.4378	314.0	16.5
9416.	270.5	-56.5	41.6	41.6	-57.2	91.	0.0157	0.0158	0.4350	314.0	16.4
9470.	268.2	-57.0	41.6	41.6	-57.7	91.	0.0147	0.0148	0.4323	315.0	16.4
9527.	265.8	-57.5	41.7	41.7	-58.2	91.	0.0138	0.0139	0.4294	315.0	16.3
9580.	263.6	-58.0	41.7	41.7	-58.7	91.	0.0129	0.0130	0.4268	315.0	16.2
9635.	261.3	-58.4	41.9	41.9	-59.1	91.	0.0122	0.0124	0.4239	315.0	16.2
9690.	259.0	-58.9	42.0	42.0	-59.6	91.	0.0114	0.0116	0.4211	315.0	16.1
9746.	256.7	-59.4	42.2	42.1	-60.1	91.	0.0107	0.0109	0.4184	315.0	16.1
9802.	254.4	-59.9	42.3	42.3	-60.5	91.	0.0101	0.0103	0.4154	314.0	16.4
9859.	252.1	-60.2	42.5	42.5	-60.9	91.	0.0096	0.0098	0.4124	316.0	16.4
9916.	249.8	-60.6	42.7	42.7	-61.3	91.	0.0091	0.0093	0.4094	317.0	16.4
9971.	247.6	-61.1	42.9	42.9	-61.7	91.	0.0086	0.0088	0.4066	317.0	16.7
10023.	245.5	-61.5	43.0	43.0	-62.2	91.	0.0080	0.0082	0.4041	318.0	16.8
10076.	243.4	-62.0	43.0	43.0	-62.7	91.	0.0075	0.0077	0.4016	318.0	16.8
10125.	241.5	-62.5	42.9	42.9	-63.2	91.	0.0070	0.0072	0.3994	318.0	17.0
10173.	239.6	-63.1	42.8	42.8	-63.8	91.	0.0064	0.0067	0.3974	319.0	17.4
10227.	237.5	-63.6	42.8	42.8	-64.3	91.	0.0060	0.0062	0.3948	320.0	17.9
10282.	235.4	-64.0	43.0	43.0	-64.7	91.	0.0057	0.0059	0.3921	320.0	18.4
10339.	233.2	-64.4	43.2	43.2	-65.1	91.	0.0054	0.0056	0.3892	320.0	18.8
10394.	231.1	-64.7	43.6	43.6	-65.4	91.	0.0051	0.0054	0.3862	320.0	19.3
10447.	229.1	-65.2	43.6	43.6	-65.9	91.	0.0048	0.0050	0.3838	320.0	19.9
10503.	227.0	-65.7	43.7	43.7	-66.4	91.	0.0045	0.0047	0.3812	320.0	20.5
10559.	224.9	-66.1	43.9	43.9	-66.8	91.	0.0042	0.0044	0.3784	320.0	21.0
10613.	222.9	-66.4	44.3	44.3	-67.1	91.	0.0040	0.0042	0.3756	318.0	21.4
10670.	220.8	-66.7	44.7	44.7	-67.4	91.	0.0039	0.0041	0.3726	316.0	22.2
10723.	218.9	-67.2	44.7	44.7	-67.8	91.	0.0036	0.0038	0.3703	319.0	22.6
10778.	216.9	-67.8	44.6	44.6	-68.4	91.	0.0033	0.0035	0.3680	318.0	23.0
10833.	214.9	-68.6	44.2	44.2	-69.2	91.	0.0029	0.0031	0.3660	317.0	23.3
10886.	213.0	-68.7	44.8	44.8	-69.3	91.	0.0029	0.0031	0.3629	316.0	23.4
10943.	211.0	-68.9	45.4	45.4	-69.5	91.	0.0028	0.0030	0.3599	316.0	23.6
10997.	209.1	-69.1	45.9	45.9	-69.7	91.	0.0027	0.0029	0.3570	315.0	23.6
11054.	207.1	-69.3	46.6	46.6	-69.8	91.	0.0027	0.0029	0.3537	314.0	24.0
11110.	205.2	-69.5	47.0	47.0	-70.1	91.	0.0026	0.0027	0.3510	313.0	24.5
11164.	203.3	-69.9	47.2	47.2	-70.5	91.	0.0024	0.0026	0.3484	312.0	24.7
11217.	201.5	-70.4	47.2	47.2	-71.0	91.	0.0022	0.0024	0.3462	311.0	24.7
11267.	199.8	-70.7	47.5	47.5	-71.3	91.	0.0021	0.0023	0.3438	310.0	24.8
11324.	197.9	-71.1	47.6	47.6	-71.7	91.	0.0020	0.0022	0.3412	309.0	24.8
11381.	196.0	-71.4	48.2	48.2	-72.0	91.	0.0019	0.0021	0.3384	308.0	25.0
11429.	194.4	-71.6	48.4	48.4	-72.2	91.	0.0019	0.0020	0.3360	307.0	25.1
11481.	192.7	-71.9	49.1	49.1	-72.4	91.	0.0018	0.0020	0.3334	306.0	25.1
11533.	191.0	-71.2	50.9	50.9	-71.8	91.	0.0020	0.0021	0.3295	304.0	25.5
11586.	189.3	-70.9	52.2	52.2	-71.5	91.	0.0021	0.0022	0.3261	303.0	25.6
11639.	187.6	-70.7	53.4	53.4	-71.3	91.	0.0021	0.0023	0.3228	302.0	26.0
11693.	185.9	-70.5	54.0	54.0	-71.4	91.	0.0021	0.0023	0.3200	301.0	26.3
11744.	184.3	-70.7	55.2	55.2	-71.3	91.	0.0021	0.0023	0.3171	300.0	26.3
11792.	182.8	-70.6	56.1	56.1	-71.1	91.	0.0022	0.0024	0.3142	299.0	26.6
11841.	181.3	-70.2	57.4	57.4	-70.8	91.	0.0023	0.0025	0.3112	298.0	26.7
11891.	179.8	-69.8	58.8	58.8	-70.4	91.	0.0024	0.0026	0.3083	297.0	26.9
11937.	178.4	-69.5	60.2	60.2	-70.1	91.	0.0025	0.0027	0.3052	296.0	27.2
11987.	176.9	-69.2	61.3	61.3	-69.8	91.	0.0027	0.0029	0.3022	294.0	27.3
12041.	175.4	-68.8	62.7	62.7	-69.4	91.	0.0029	0.0031	0.2994	293.0	27.6
12079.	174.2	-68.6	63.8	63.8	-69.2	91.	0.0030	0.0031	0.2967	293.0	27.5
12124.	172.9	-68.1	65.4	65.4	-68.7	91.	0.0031	0.0033	0.2937	291.0	28.2
12164.	171.6	-67.7	66.7	66.7	-68.3	91.	0.0033	0.0035	0.2910	290.0	28.5
12215.	170.3	-67.3	68.1	68.1	-67.9	91.	0.0035	0.0037	0.2882	288.0	28.8
12261.	169.0	-67.2	68.9	68.9	-67.9	91.	0.0035	0.0037	0.2860	287.0	29.1
12311.	167.6	-67.2	69.4	69.4	-67.8	91.	0.0036	0.0038	0.2835	286.0	29.6
12362.	166.2	-67.1	70.8	70.8	-67.7	91.	0.0036	0.0038	0.2810	286.0	30.2
12406.	165.0	-67.1	71.6	71.6	-67.7	91.	0.0035	0.0038	0.2790	286.0	30.8
12457.	163.6	-67.1	72.7	72.7	-67.8	91.	0.0036	0.0038	0.2767	285.0	31.4
12509.	162.2	-67.3	73.5	73.5	-67.9	91.	0.0037	0.0039	0.2745	285.0	32.0
12561.	160.8	-66.7	74.5	74.5	-67.4	91.	0.0039	0.0041	0.2713	284.0	32.6
12613.	159.5	-66.2	76.0	76.0	-66.9	91.	0.0041	0.0044	0.2685	286.0	33.2
12665.	158.1	-65.9	77.2	77.2	-66.6	91.	0.0043	0.0045	0.2657	286.0	34.0
12709.	156.9	-65.6	78.3	78.3	-66.2	91.	0.0046	0.0048	0.2632	287.0	34.7
12769.	155.6	-65.1	80.0	80.0	-65.6	91.	0.0048	0.0051	0.2605	287.0	35.5
12827.	154.4	-65.1	81.0	81.0	-65.6	91.	0.0048	0.0051	0.2585	287.0	36.0
12858.	153.1	-65.4	80.1	80.1	-66.0	91.	0.0047	0.0049	0.2566	288.0	36.6
12926.	151.9	-65.7	82.2	82.2	-66.4	91.	0.0047	0.0047	0.2551	288.0	37.2
12958.	150.6	-65.7	83.1	83.1	-66.4	91.	0.0047	0.0047	0.2528	288.0	37.7
13007.	149.4	-65.6	84.1	84.1	-66.3	91.	0.0047	0.0047	0.2508	288.0	38.2
13060.	148.1	-65.5	85.0	85.0	-66.3	91.	0.0047	0.0047	0.2486	288.0	38.6
13105.	147.0	-65.7	85.6	85.6	-66.4	91.	0.0047	0.0047	0.2469	288.0	39.1
13151.	145.8	-65.8	86.2	86.2	-66.5	91.	0.0046	0.0046	0.2451	288.0	39.4
13201.	144.7	-65.9	86.8	86.8	-66.6	91.	0.0045	0.0045	0.2432	288.0	39.8
13251.	143.5	-66.0	87.6	87.6	-66.9	91.	0.0044	0.0044	0.2416	288.0	40.1
13301.	142.3	-66.4	87.7	87.7	-67.1	91.	0.0043	0.0043	0.2398	288.0	40.3
13353.	141.1	-66.6	88.7	88.7	-67.3	91.	0.0041	0.0041	0.2380	288.0	40.6
13401.	140.0	-66.7	89.3	89.3	-67.4	91.	0.0040	0.0041	0.2362	287.0	40.8
13448.	138.9	-66.7	89.7	89.7	-67.4	91.	0.0040	0.0041	0.2344	287.0	41.0
13500.	137.7	-66.9	90.2	90.2	-67.5	91.	0.0039	0.0039	0.2326	287.0	41.2
13549.	136.6	-67.1	90.7	90.7	-67.7	91.	0.0038	0.0038	0.2309	286.0	41.4
13602.	135.4	-67.2	91.4	91.4	-67.8	91.	0.0037	0.0038	0.2290	286.0	41.7
13651.	134.3	-67.4	91.9	91.9	-68.1	91.	0.0036	0.0037	0.2274	286.0	41.9
13706.	133.2	-67.5	92.6	92.6	-68.1	91.	0.0036	0.0036	0.2256	285.0	42.0
13756.	132.1	-67.6	93.3	93.3	-68.2	91.	0.0036	0.0036	0.2238	285.0	42.2
13800.	131.0	-67.7	94.7	94.7	-67.9	91.	0.0037	0.0037	0.2217	284.0	42.4
13846.	129.9	-67.8	95.7	95.7	-67.8	91.	0.0038	0.0038	0.2199	284.0	42.4
13898.	128.8	-67.8	96.6	96.6	-67.8	91.	0.0038	0.0038	0.2182	284.0	42.5
13948.	127.8	-67.8	97.5	97.5	-67.8	91.	0.0038	0.0038	0.2162	284.0	42.5
14001.	126.7	-67.8	98.4	98.4	-67.8	91.	0.0038	0.0038	0.2143	284.0	42.6
14054.	125.6	-67.8	99.3	99.3	-67.8	91.	0.0038	0.0038	0.2125	284.0	42.6
14102.	124.6	-67.8	100.0	100.0	-67.7	91.	0.0038	0.0038	0.2107	284.0	42.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (KTS)
14150.	123.6	-67.0	101.4	101.4	-67.6	91.	0.0037	0.0039	0.2089	283.0	43.0
14204.	122.5	-66.8	102.7	102.7	-67.5	91.	0.0038	0.0040	0.2068	283.0	43.1
14259.	121.4	-66.5	104.2	104.3	-67.2	91.	0.0040	0.0042	0.2047	283.0	43.3
14314.	120.3	-66.3	105.6	105.6	-67.0	91.	0.0041	0.0043	0.2026	283.0	43.5
14364.	119.3	-66.1	106.9	106.9	-66.8	91.	0.0042	0.0044	0.2007	283.0	43.7
14415.	118.3	-66.1	107.8	107.8	-66.8	91.	0.0042	0.0044	0.1990	283.0	43.9
14467.	117.3	-65.9	109.1	109.1	-66.6	91.	0.0043	0.0045	0.1972	283.0	44.0
14513.	116.4	-65.7	110.3	110.3	-66.4	91.	0.0045	0.0047	0.1955	283.0	44.3
14566.	115.4	-65.4	111.8	111.8	-66.1	91.	0.0046	0.0049	0.1935	283.0	44.7
14613.	114.5	-65.1	113.2	113.2	-65.8	91.	0.0048	0.0051	0.1917	283.0	44.9
14667.	113.5	-65.0	114.4	114.4	-65.7	91.	0.0049	0.0051	0.1900	283.0	45.2
14715.	112.6	-65.0	115.2	115.3	-65.7	91.	0.0049	0.0051	0.1885	283.0	45.4
14769.	111.6	-64.9	116.4	116.4	-65.6	91.	0.0050	0.0052	0.1867	283.0	45.7
14819.	110.7	-64.7	117.7	117.7	-65.4	91.	0.0051	0.0054	0.1850	283.0	46.0
14874.	109.7	-64.5	119.1	119.1	-65.2	91.	0.0053	0.0055	0.1832	283.0	46.2
14919.	108.9	-64.4	120.1	120.1	-65.1	91.	0.0054	0.0056	0.1817	283.0	46.5
14969.	108.0	-64.2	121.4	121.4	-64.9	91.	0.0055	0.0057	0.1801	282.0	46.6
15026.	107.0	-64.1	122.7	122.7	-64.8	91.	0.0056	0.0058	0.1783	282.0	46.8
15078.	106.1	-64.1	123.6	123.6	-64.8	91.	0.0056	0.0058	0.1768	282.0	47.0
15130.	105.2	-64.1	124.6	124.6	-64.8	91.	0.0056	0.0058	0.1753	282.0	47.2
15182.	104.3	-63.9	125.9	125.9	-64.6	91.	0.0057	0.0060	0.1736	282.0	47.3
15235.	103.4	-63.7	127.3	127.3	-64.4	91.	0.0059	0.0061	0.1720	282.0	47.5
15295.	102.4	-63.6	128.6	128.6	-64.3	91.	0.0060	0.0062	0.1702	282.0	47.6
15349.	101.5	-63.5	129.8	129.8	-64.2	91.	0.0061	0.0063	0.1687	282.0	47.6
15404.	100.6	-63.3	131.2	131.2	-64.0	91.	0.0062	0.0065	0.1670	282.0	47.7
15459.	99.7	-63.2	132.5	132.5	-63.9	91.	0.0063	0.0066	0.1654	282.0	47.8
15508.	98.9	-63.2	133.4	133.4	-63.9	91.	0.0063	0.0066	0.1641	282.0	47.9
15564.	98.0	-63.0	134.8	134.8	-63.7	91.	0.0065	0.0067	0.1625	282.0	48.0
15615.	97.2	-62.9	136.0	136.0	-63.6	91.	0.0066	0.0068	0.1611	281.0	48.1
15672.	96.3	-62.9	137.1	137.1	-63.6	91.	0.0066	0.0068	0.1596	282.0	48.2
15723.	95.5	-62.8	138.3	138.3	-63.5	91.	0.0067	0.0069	0.1582	282.0	48.3
15775.	94.7	-62.7	139.4	139.5	-63.4	91.	0.0068	0.0070	0.1568	282.0	48.4
15827.	93.9	-62.5	140.6	140.6	-63.2	91.	0.0070	0.0072	0.1553	282.0	48.5
15880.	93.1	-62.2	142.4	142.5	-62.9	91.	0.0073	0.0075	0.1538	282.0	48.6
15933.	92.3	-62.0	143.9	143.9	-62.7	91.	0.0075	0.0077	0.1523	281.0	48.8
15987.	91.5	-61.8	145.3	145.3	-62.5	91.	0.0077	0.0079	0.1508	281.0	48.8
16041.	90.7	-61.6	146.7	146.8	-62.3	91.	0.0079	0.0081	0.1494	281.0	48.6
16096.	89.9	-61.6	147.8	147.8	-62.3	91.	0.0079	0.0081	0.1480	281.0	48.7
16151.	89.1	-60.9	150.3	150.3	-61.6	91.	0.0087	0.0089	0.1462	281.0	48.9
16207.	88.3	-60.8	152.0	152.0	-61.0	91.	0.0094	0.0096	0.1445	280.0	48.9
16264.	87.5	-60.5	153.5	153.5	-61.2	91.	0.0092	0.0094	0.1434	280.0	49.0
16321.	86.7	-60.7	154.0	154.0	-61.4	91.	0.0089	0.0092	0.1422	280.0	49.1
16379.	85.9	-60.8	154.9	154.9	-61.5	91.	0.0086	0.0090	0.1409	280.0	49.1
16429.	85.2	-60.8	155.9	155.9	-61.5	91.	0.0088	0.0090	0.1398	279.0	49.3
16488.	84.4	-60.7	157.3	157.3	-61.4	91.	0.0089	0.0092	0.1384	279.0	49.5
16540.	83.7	-60.6	158.5	158.5	-61.3	91.	0.0091	0.0093	0.1372	279.0	49.5
16592.	83.0	-60.5	159.8	159.8	-61.2	91.	0.0092	0.0094	0.1360	279.0	49.8
16645.	82.3	-60.3	161.2	161.2	-61.0	91.	0.0094	0.0096	0.1347	279.0	50.1
16698.	81.6	-60.1	162.7	162.7	-60.8	91.	0.0097	0.0099	0.1334	279.0	50.3
16752.	80.9	-59.8	164.4	164.4	-60.5	91.	0.0101	0.0103	0.1321	279.0	50.6
16806.	80.2	-59.5	166.1	166.1	-60.2	91.	0.0105	0.0107	0.1308	278.0	50.9
16853.	79.6	-59.3	167.4	167.5	-60.0	91.	0.0108	0.0110	0.1297	278.0	51.1
16906.	78.9	-59.2	168.8	168.8	-59.9	91.	0.0110	0.0111	0.1285	278.0	51.4
16964.	78.2	-59.0	170.3	170.3	-59.7	91.	0.0113	0.0114	0.1272	278.0	51.6
17020.	77.5	-58.7	172.1	172.1	-59.4	91.	0.0117	0.0118	0.1259	278.0	52.1
17084.	76.8	-58.4	173.7	173.7	-59.1	91.	0.0122	0.0124	0.1248	278.0	52.5
17126.	76.2	-58.1	175.5	175.5	-58.8	91.	0.0127	0.0128	0.1234	277.0	52.5
17176.	75.5	-57.8	177.1	177.1	-58.5	91.	0.0132	0.0133	0.1223	277.0	52.9
17225.	74.9	-57.5	178.4	178.4	-58.2	91.	0.0137	0.0139	0.1210	277.0	53.2
17265.	74.3	-57.4	180.2	180.2	-58.1	91.	0.0139	0.0140	0.1200	276.0	53.4
17349.	73.6	-57.4	181.4	181.4	-58.1	91.	0.0140	0.0142	0.1189	276.0	53.7
17397.	73.0	-57.5	182.7	182.7	-58.0	91.	0.0141	0.0142	0.1178	276.0	53.9
17449.	72.4	-57.1	184.2	184.2	-57.8	91.	0.0145	0.0146	0.1168	276.0	54.1
17501.	71.8	-56.8	185.9	185.9	-57.5	91.	0.0151	0.0152	0.1156	275.0	54.4
17565.	71.1	-56.6	187.6	187.7	-57.3	91.	0.0155	0.0155	0.1144	275.0	54.5
17617.	70.5	-56.5	189.3	189.3	-57.2	91.	0.0157	0.0157	0.1134	275.0	54.7
17671.	69.9	-56.4	190.9	190.9	-57.1	91.	0.0159	0.0159	0.1124	275.0	54.9
17726.	69.3	-56.3	191.7	191.7	-57.0	91.	0.0161	0.0161	0.1113	275.0	55.1
17781.	68.7	-56.2	193.1	193.1	-56.9	91.	0.0163	0.0163	0.1103	275.0	55.4
17837.	68.1	-56.1	194.4	194.4	-56.8	91.	0.0165	0.0166	0.1093	274.0	55.6
17893.	67.5	-56.0	195.9	195.9	-56.8	91.	0.0163	0.0163	0.1084	274.0	55.9
17942.	66.9	-56.1	196.4	196.4	-56.9	91.	0.0161	0.0161	0.1075	274.0	55.9
18006.	66.3	-56.4	197.4	197.4	-57.1	91.	0.0158	0.0159	0.1066	273.0	56.1
18054.	65.8	-56.4	198.4	198.4	-57.1	91.	0.0159	0.0159	0.1058	273.0	56.2
18112.	65.2	-56.2	199.4	199.4	-57.0	91.	0.0161	0.0161	0.1048	273.0	56.3
18161.	64.7	-56.2	201.1	201.1	-56.9	91.	0.0163	0.0163	0.1039	273.0	56.3
18220.	64.1	-56.0	202.8	202.8	-56.7	91.	0.0167	0.0168	0.1028	272.0	56.3
18272.	63.6	-55.9	204.1	204.1	-56.6	91.	0.0170	0.0170	0.1020	272.0	56.4
18331.	63.0	-55.9	205.4	205.4	-56.6	91.	0.0170	0.0170	0.1010	271.0	56.4
18381.	62.5	-55.8	206.8	206.8	-56.6	91.	0.0170	0.0170	0.1002	271.0	56.4
18432.	62.0	-55.7	208.0	208.0	-56.4	91.	0.0174	0.0174	0.0993	271.0	56.4
18485.	61.5	-55.6	209.4	209.4	-56.2	91.	0.0179	0.0179	0.0985	271.0	56.5
18535.	61.0	-55.5	211.0	211.0	-55.9	91.	0.0184	0.0185	0.0975	271.0	56.3
18598.	60.4	-55.1	212.4	212.4	-55.6	91.	0.0188	0.0188	0.0965	270.0	56.3
18651.	59.9	-55.0	214.1	214.1	-55.7	91.	0.0191	0.0190	0.0957	270.0	56.2
18704.	59.5	-54.9	215.7	215.7	-55.5	91.	0.0196	0.0195	0.0949	270.0	56.3
18754.	59.0	-54.8	217.2	217.2	-55.4	91.	0.0203	0.0202	0.0940	270.0	56.2
18805.	58.5	-54.6	218.7	218.7	-54.9	91.	0.0211	0.0210	0.0931	270.0	56.4
18858.	58.0	-53.4	220.4	220.4	-54.6	91.	0.0220	0.0218	0.0922	270.0	56.5
18911.	57.5	-53.7	222.1	222.1	-54.9	91.	0.0224	0.0223	0.0913	270.0	56.7
18969.	57.0	-53.7	223.6	224.4	-54.9	91.	0.0225	0.0223	0.0905	270.0	56.9
19026.	56.5	-53.6	225.7	225.7	-54.8	91.	0.0228	0.0226	0.0897	271.0	57.3
19071.	56.1	-53.6	226.7	226.7	-54.8	91.	0.0228	0.0226	0.0890	271.0	57.6
19129.	55.6	-53.5	228.4	228.4	-54.8	91.	0.0231	0.0229	0.0882	271.0	58.0
19187.	55.1	-53.4	229.4	229.4	-54.1	91.	0.0234	0.0232	0.0874	272.0	58.3
19245.	54.6	-53.1	231.7	231.8	-53.8	91.	0.0238	0.0240	0.0865	272.0	58.7
19304.	54.1	-52.8	233.4	233.4	-53.5	91.	0.0253	0.0248	0.0856	272.0	59.0
19359.	53.7	-52.4	235.0	235.0	-53.1	91.	0.0266	0.0262	0.0848	272.0	59.4
19413.	53.2	-52.4	236.7	236.7	-53.3	91.	0.0255	0.0254	0.0841	272.0	59.4
19474.	52.7	-52.2	237.7	237.7	-53.1	91.	0.0253	0.0249	0.0833	272.0	60.3
19527.	52.3	-52.2	239.5	239.5	-53.1	91.	0.0244	0.0244	0.0827	272.0	60.6
19585.	51.8	-52.0	240.9	240.9	-53.0	91.	0.0249	0.0248	0.0820	272.0	60.8
19632.	51.4	-52.0	241.9	241.9	-52.9	91.	0.0262	0.0259	0.0812	272.0	61.1
19686.	51.0	-52.0	243.4	243.4	-52.9	91.	0.0273	0.0268	0.0804	272.0	61.2
19749.	50.5	-51.9	245.1	246.1	-52.8	91.	0.0277	0.0276	0.0795	272.0	61.2
19800.	50.1	-51.8	246.1	248.1	-52.7	91.	0.0298	0.0290	0.0788	272.0	61.2
19852.	49.7	-51.1	250.2	250.3	-51.9	91.	0.0313	0.0306	0.0780	273.0	61.1

SOUNDING 19.3
LATITUDE -59.9 LONGITUDE 3.5
DATE 10-24-81 TIME 2338 GMT
NUMBER OF LEVELS 47

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	968.5	0.[illegible]	2.4	3.1	-0.6	96.	5.9814	4.6831	1.2411	350.0	11.0
51.	963.3	-0.[illegible]	2.7	3.4	-0.7	96.	5.7961	4.6095	1.2340	350.0	10.9
106.	956.7	-0.[illegible]	2.9	3.6	-1.1	96.	5.6075	4.4661	1.2273	345.0	13.0
161.	950.2	-1.[illegible]	3.0	3.8	-1.5	96.	5.4245	4.3267	1.2206	341.0	14.7
213.	944.3	-1.[illegible]	3.[illegible]	3.[illegible]	-1.8	96.	5.2906	4.2247	1.2139	339.0	16.0
266.	937.7	-1.7	3.[illegible]	3.[illegible]	-2.2	96.	5.1174	4.0922	1.2075	337.0	16.9
318.	931.6	-2.1	3.4	4.0	-2.6	96.	4.9491	3.9635	1.2013	336.0	17.6
374.	925.0	-2.4	3.7	4.[illegible]	-2.9	96.	4.8261	3.8693	1.1940	335.0	18.2
429.	918.7	-2.7	3.9	4.5	-3.2	96.	4.7060	3.7771	1.1871	334.0	18.4
483.	912.4	-2.9	4.[illegible]	4.8	-3.4	96.	4.6274	3.7168	1.1798	333.0	16.[illegible]
537.	906.2	-3.[illegible]	4.7	5.[illegible]	-3.5	96.	4.5885	3.6869	1.1722	333.0	18.4
593.	899.8	-3.[illegible]	5.[illegible]	5.[illegible]	-3.5	96.	4.5843	3.6868	1.1640	333.0	18.2
653.	893.[illegible]	-3.[illegible]	5.[illegible]	6.4	-3.6	96.	4.5862	3.6867	1.1552	332.0	18.1
707.	887.4	-3.1	6.[illegible]	6.[illegible]	-3.6	96.	4.5496	3.6570	1.1484	332.0	17.9
757.	881.4	-3.[illegible]	6.6	7.1	-3.8	96.	4.4734	3.5984	1.1414	332.0	17.8
812.	875.2	-3.[illegible]	6.[illegible]	7.4	-4.1	96.	4.3613	3.5121	1.1346	332.0	17.6
868.	869.0	-4.[illegible]	7.[illegible]	7.[illegible]	-4.5	96.	4.2159	3.4001	1.1281	332.0	17.3
925.	863.0	-4.[illegible]	7.[illegible]	7.[illegible]	-4.6	96.	4.1097	3.3181	1.1215	332.0	17.0
976.	857.6	-4.[illegible]	7.5	[illegible]	-5.1	96.	4.0366	3.2380	1.1149	331.0	16.6
1034.	850.9	-5.[illegible]	7.7	8.1	-5.5	96.	3.8714	3.1339	1.1086	331.0	16.2
1089.	844.9	-5.[illegible]	7.8	8.4	-5.8	96.	3.7732	3.0578	1.1019	331.0	16.1
1149.	838.5	-5.5	[illegible]	8.[illegible]	-6.0	96.	3.7088	3.0079	1.0944	331.0	16.0
1210.	832.0	-5.[illegible]	8.[illegible]	8.[illegible]	-6.4	96.	3.5635	2.9106	1.0874	331.0	15.9
1271.	825.5	-6.4	8.6	9.1	-6.9	96.	3.4322	2.7929	1.0808	331.0	15.7
1332.	819.1	-6.[illegible]	8.7	9.1	-7.4	96.	3.2867	2.6796	1.0744	332.0	15.7
1392.	812.8	-7.[illegible]	8.[illegible]	9.[illegible]	-7.[illegible]	96.	3.1744	2.5919	1.0677	332.0	15.5
1452.	806.6	-7.[illegible]	8.[illegible]	9.[illegible]	-8.1	96.	3.0925	2.5278	1.0607	333.0	15.6
1511.	800.5	-8.[illegible]	9.4	9.[illegible]	-8.5	96.	2.9863	2.4447	1.0542	333.0	15.6
1570.	794.4	-8.4	9.[illegible]	10.[illegible]	-8.9	96.	2.8835	2.3641	1.0476	334.0	15.6
1624.	788.9	-8.[illegible]	9.[illegible]	10.0	-9.4	96.	2.7594	2.2667	1.0423	335.0	15.7
1677.	783.5	-9.[illegible]	9.7	10.1	-9.8	96.	2.6638	2.1914	1.0366	336.0	15.9
1840.	767.1	-9.1	11.7	12.1	-9.6	96.	2.7110	2.2286	1.0143	338.0	16.6
2001.	751.3	-9.[illegible]	12.[illegible]	13.3	-10.[illegible]	96.	2.6168	2.1543	0.9948	340.0	17.1
2171.	734.9	-10.[illegible]	14.2	14.[illegible]	-10.5	96.	2.5032	2.0647	0.9749	342.0	17.8
2342.	718.8	-10.7	15.3	15.6	-11.2	96.	2.3518	1.9451	0.9560	342.0	18.6
2511.	703.1	-11.[illegible]	16.4	16.8	-11.8	96.	2.2288	1.8475	0.9372	343.0	19.2
2683.	687.5	-12.1	17.4	17.7	-12.6	96.	2.0739	1.7244	0.9192	342.0	19.7
2856.	672.1	-13.[illegible]	18.3	18.6	-13.4	96.	1.9115	1.5949	0.9016	342.0	19.9
3029.	656.9	-14.4	18.[illegible]	18.9	-14.6	96.	1.6820	1.4109	0.8858	342.0	20.[illegible]
3199.	642.[illegible]	-15.[illegible]	19.1	19.4	-16.[illegible]	96.	1.5056	1.2689	0.8700	340.0	19.8
3360.	628.7	-17.[illegible]	19.3	19.5	-17.4	96.	1.3214	1.1197	0.8561	338.0	19.7
3532.	614.4	-17.[illegible]	20.[illegible]	20.[illegible]	-18.2	96.	1.2256	1.0418	0.8392	337.0	19.3
3701.	600.6	-19.2	20.[illegible]	20.[illegible]	-19.6	96.	1.0732	0.9172	0.8248	336.0	19.1
3866.	587.4	-20.7	20.7	20.[illegible]	-21.1	96.	0.9294	0.7990	0.8114	336.0	19.1
4024.	574.9	-22.[illegible]	21.1	21.[illegible]	-22.3	96.	0.8273	0.7146	0.7978	336.0	19.5
4192.	561.9	-22.[illegible]	21.[illegible]	22.[illegible]	-23.3	96.	0.7501	0.6506	0.7828	338.0	19.9
4355.	549.2	-24.[illegible]	22.5	22.[illegible]	-24.4	96.	0.6730	0.5863	0.7685	339.0	20.2
4528.	536.6	-24.[illegible]	23.4	23.[illegible]	-25.3	96.	0.6154	0.5380	0.7535	341.0	20.[illegible]
4704.	523.7	-26.2	23.[illegible]	24.[illegible]	-26.6	96.	0.5401	0.4747	0.7392	342.0	20.7
4881.	511.[illegible]	-27.[illegible]	24.3	24.4	-28.0	96.	0.4686	0.4142	0.7254	342.0	20.[illegible]
5063.	498.2	-29.2	24.[illegible]	24.6	-29.6	96.	0.3976	0.3537	0.7118	343.0	20.9
5236.	486.2	-30.7	24.8	24.8	-31.1	96.	0.3402	0.3045	0.6989	342.0	20.7
5415.	474.0	-32.4	24.[illegible]	24.[illegible]	-32.8	96.	0.2844	0.2563	0.6861	342.0	20.9
5591.	462.[illegible]	-34.1	24.[illegible]	24.9	-34.5	96.	0.2371	0.2153	0.6739	342.0	21.3
5768.	451.[illegible]	-35.[illegible]	24.[illegible]	24.[illegible]	-36.2	96.	0.1972	0.1803	0.6626	342.0	21.6
5923.	440.7	-37.[illegible]	24.[illegible]	24.7	-37.9	96.	0.1636	0.1506	0.6516	342.0	22.4
6089.	430.[illegible]	-38.[illegible]	25.0	25.1	-39.2	96.	0.1415	0.1310	0.6396	342.0	23.[illegible]
6264.	419.[illegible]	-40.[illegible]	25.4	25.[illegible]	-40.6	96.	0.1259	0.1126	0.6271	342.0	23.6
6438.	408.7	-41.[illegible]	25.4	25.[illegible]	-42.3	96.	0.0995	0.0934	0.6158	342.0	24.4
6611.	398.3	-43.7	25.3	25.3	-44.0	96.	0.0806	0.0764	0.6048	342.0	24.7
6786.	388.0	-45.4	25.[illegible]	25.3	-45.7	96.	0.0661	0.0630	0.5935	341.0	25.1
6965.	377.7	-46.[illegible]	25.[illegible]	25.[illegible]	-47.1	96.	0.0560	0.0536	0.5813	340.0	25.1
7137.	368.0	-48.1	26.3	26.3	-48.4	96.	0.0478	0.0461	0.5697	339.0	24.6
7317.	356.0	-49.[illegible]	27.0	27.0	-49.6	96.	0.0413	0.0400	0.5572	338.0	23.3
7508.	347.7	-50.4	28.1	28.1	-50.7	96.	0.0361	0.0351	0.5438	338.0	21.[illegible]
7697.	337.7	-51.7	28.[illegible]	28.[illegible]	-52.0	96.	0.0307	0.0300	0.5313	339.0	20.2
7882.	328.2	-53.1	29.3	29.4	-53.4	96.	0.0257	0.0253	0.5196	341.0	19.1
8060.	319.2	-53.6	31.1	31.1	-53.9	96.	0.0241	0.0238	0.5065	342.0	18.5
8223.	311.2	-54.2	32.4	32.[illegible]	-54.5	96.	0.0223	0.0221	0.4952	343.0	18.8
8387.	303.3	-54.4	34.4	34.4	-54.7	96.	0.0218	0.0216	0.4830	343.0	19.7
8571.	294.7	-54.[illegible]	36.4	36.4	-55.1	96.	0.0207	0.0205	0.4702	342.0	20.1
8745.	286.8	-54.[illegible]	38.[illegible]	38.[illegible]	-55.1	96.	0.0207	0.0205	0.4576	340.0	20.5
8902.	279.6	-54.[illegible]	40.[illegible]	40.[illegible]	-55.2	96.	0.0204	0.0203	0.4466	337.0	20.1
9057.	273.1	-55.2	42.6	42.6	-55.5	96.	0.0196	0.0195	0.4365	335.0	19.4
9208.	266.7	-55.5	44.3	44.3	-55.8	96.	0.0189	0.0188	0.4269	333.0	18.4
9360.	260.4	-55.5	46.5	46.5	-55.8	96.	0.0189	0.0188	0.4168	331.0	17.5
9506.	254.5	-55.8	48.1	48.2	-56.1	96.	0.0181	0.0181	0.4079	331.0	17.0
9665.	248.2	-55.9	50.3	50.3	-56.2	96.	0.0179	0.0179	0.3980	331.0	16.8
9839.	241.5	-56.2	52.4	52.4	-56.5	96.	0.0172	0.0172	0.3878	331.0	17.[illegible]
10004.	235.3	-56.6	54.2	54.2	-56.9	96.	0.0163	0.0164	0.3785	332.0	17.8
10164.	229.4	-56.9	56.1	56.2	-57.2	96.	0.0157	0.0158	0.3696	331.0	18.4
10326.	223.6	-57.1	58.3	58.3	-57.4	96.	0.0153	0.0154	0.3605	330.0	19.0
10489.	217.9	-57.5	60.1	60.1	-57.8	96.	0.0145	0.0146	0.3520	328.0	19.5
10650.	212.4	-57.4	62.7	62.7	-57.7	96.	0.0147	0.0148	0.3430	327.0	20.0
10816.	206.9	-57.7	64.7	64.8	-58.0	96.	0.0141	0.0142	0.3345	326.0	20.4
10979.	201.6	-58.4	66.2	66.2	-58.7	96.	0.0129	0.0130	0.3270	326.0	20.7
11146.	196.3	-59.2	67.5	67.5	-59.5	96.	0.0116	0.0117	0.3196	326.0	21.1

SOUNDING 20.0
LATITUDE -60.2 LONGITUDE 3.7
DATE 10-25-81 TIME 1150 GMT
NUMBER OF LEVELS 340

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	965.1	0.7	3.5	4.2	0.1	96.	6.1977	4.9139	1.2326	50.0	9.0
54.	958.6	0.1	3.4	4.1	-0.5	96.	5.9341	4.7153	1.2268	51.0	8.6
109.	952.0	-0.[illegible]	3.5	4.1	-0.9	96.	5.7009	4.5371	1.2204	37.0	9.6
165.	945.4	-0.8	3.6	4.2	-1.3	96.	5.5151	4.3957	1.2136	27.0	10.6
224.	938.4	-1.2	3.8	4.4	-1.7	96.	5.3349	4.2583	1.2063	20.0	11.7
282.	931.6	-1.5	4.1	4.6	-2.0	96.	5.2033	4.1578	1.1988	15.0	12.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+3*RHOF (G/M**3)	RHO (*G/M**3)	DIR (DEG)	SPEED (M/S)
339.	928.0	-1.7	4.4	5.3	-2.2	96.	5.1171	4.0920	1.1912	11.0	13.1
396.	918.3	-1.8	4.4	5.5	-2.3	96.	5.0744	4.0594	1.1830	9.0	13.6
453.	911.8	-1.8	5.5	6.0	-2.3	96.	5.0742	4.0593	1.1746	5.0	14.0
507.	905.6	-1.7	6.1	6.7	-2.2	96.	5.1147	4.0917	1.1663	5.0	14.1
564.	898.2	-1.6	6.8	7.4	-2.1	96.	5.1594	4.1243	1.1577	3.0	14.2
621.	892.7	-1.6	7.3	8.0	-2.1	96.	5.1592	4.1242	1.1493	2.0	14.2
680.	886.1	-1.6	7.7	8.3	-2.3	96.	5.0735	4.0558	1.1416	1.0	14.1
737.	879.8	-2.1	8.2	8.6	-2.6	96.	4.9487	3.9626	1.1347	360.0	14.1
795.	873.9	-2.3	8.5	8.9	-2.8	96.	4.8657	3.8996	1.1279	360.0	14.0
843.	869.1	-2.5	8.7	9.2	-3.1	96.	4.7947	3.8375	1.1212	360.0	14.0
897.	864.2	-2.1	9.6	10.0	-2.6	96.	4.9476	3.9623	1.1121	357.0	15.0
954.	858.1	-1.8	10.2	11.1	-2.3	96.	5.0731	4.0583	1.1031	357.0	15.8
1010.	852.1	-1.7	11.2	11.8	-2.2	96.	5.1150	4.0907	1.0953	355.0	16.7
1062.	846.5	-1.8	11.6	12.3	-2.3	96.	5.0725	4.0581	1.0882	354.0	17.6
1115.	840.9	-1.8	12.2	12.8	-2.3	96.	5.0728	4.0582	1.0810	353.0	18.7
1168.	835.3	-1.8	12.7	13.4	-2.3	96.	5.0726	4.0579	1.0739	352.0	19.1
1221.	829.8	-1.7	13.4	14.1	-2.2	96.	5.1151	4.0903	1.0664	351.0	19.6
1269.	824.8	-1.7	13.9	14.5	-2.2	96.	5.1149	4.0903	1.0600	350.0	20.3
1319.	819.8	-1.9	14.1	14.8	-2.4	96.	5.0301	4.0254	1.0543	350.0	21.1
1365.	815.9	-2.1	14.4	15.1	-2.6	96.	4.9966	3.9615	1.0487	349.0	22.0
1414.	811.7	-2.4	14.6	15.3	-2.9	96.	4.8437	3.8674	1.0434	349.0	22.4
1465.	807.5	-2.8	14.7	15.4	-3.3	96.	4.6643	3.7451	1.0378	348.0	22.5
1519.	797.3	-3.1	14.9	15.6	-3.6	96.	4.5479	3.6557	1.0322	347.0	23.1
1576.	791.6	-3.5	15.3	15.9	-3.8	96.	4.4717	3.5971	1.0255	346.0	23.3
1623.	786.9	-3.5	15.8	16.2	-4.0	96.	4.3967	3.5394	1.0221	346.0	23.5
1670.	782.2	-3.6	16.2	16.6	-4.1	96.	4.3574	3.5109	1.0144	345.0	23.7
1722.	777.3	-3.8	16.3	16.8	-4.3	96.	4.2863	3.4543	1.0088	345.0	23.5
1775.	771.9	-4.0	16.7	17.3	-4.5	96.	4.2142	3.3987	1.0025	345.0	23.6
1831.	766.4	-4.3	16.9	17.5	-4.8	96.	4.1080	3.3168	0.9964	345.0	24.0
1884.	761.3	-4.5	17.3	17.8	-5.0	96.	4.0386	3.2632	0.9904	345.0	24.1
1935.	756.3	-4.7	17.6	18.2	-5.2	96.	3.9703	3.2103	0.9846	345.0	24.2
1987.	751.4	-5.0	17.9	18.4	-5.5	96.	3.8698	3.1326	0.9793	345.0	24.1
2034.	746.9	-5.3	18.0	18.5	-5.8	96.	3.7716	3.0565	0.9745	345.0	24.1
2083.	742.2	-5.6	18.2	18.7	-6.1	96.	3.6757	2.9822	0.9694	345.0	24.0
2137.	737.1	-5.9	18.4	19.0	-6.4	96.	3.5821	2.9094	0.9637	345.0	23.9
2192.	732.0	-6.2	18.7	19.2	-6.7	96.	3.4906	2.8383	0.9581	345.0	23.9
2246.	726.9	-6.5	18.9	19.5	-7.0	96.	3.4013	2.7686	0.9524	345.0	23.9
2298.	722.1	-6.7	19.3	19.8	-7.2	96.	3.3428	2.7233	0.9468	345.0	23.8
2349.	717.4	-7.1	19.4	19.9	-7.6	96.	3.2288	2.6343	0.9420	345.0	23.8
2398.	712.9	-7.5	19.5	19.9	-8.0	96.	3.1184	2.5482	0.9374	345.0	23.9
2448.	708.3	-7.8	19.7	20.1	-8.3	96.	3.0378	2.4855	0.9324	345.0	23.6
2501.	703.5	-8.1	20.0	20.5	-8.5	96.	2.9851	2.4437	0.9267	345.0	23.7
2553.	698.8	-8.3	20.2	20.7	-8.8	96.	2.9277	2.3838	0.9215	345.0	23.7
2604.	694.2	-8.7	20.4	20.8	-9.2	96.	2.8073	2.3042	0.9168	345.0	23.7
2656.	689.6	-9.0	20.6	21.0	-9.5	96.	2.7341	2.2467	0.9117	345.0	23.8
2705.	685.2	-9.3	20.8	21.2	-9.8	96.	2.6627	2.1905	0.9069	345.0	23.8
2754.	680.4	-9.5	21.1	21.5	-10.0	96.	2.6160	2.1537	0.9018	345.0	23.8
2807.	676.2	-9.9	21.2	21.6	-10.4	96.	2.5249	2.0819	0.8969	345.0	23.8
2862.	671.4	-10.3	21.4	21.8	-10.8	96.	2.4367	2.0122	0.8918	345.0	23.8
2917.	666.8	-10.7	21.5	21.9	-11.2	96.	2.3513	1.9446	0.8867	345.0	23.7
2971.	661.9	-11.0	21.8	22.2	-11.5	96.	2.2891	1.8953	0.8815	344.0	23.6
3026.	657.2	-11.3	22.1	22.4	-11.8	96.	2.2284	1.8472	0.8762	344.0	23.6
3083.	652.3	-11.6	22.1	22.5	-12.3	96.	2.1324	1.7694	0.8712	344.0	23.8
3143.	647.2	-12.2	22.3	22.7	-12.7	96.	2.0549	1.7093	0.8657	343.0	23.8
3201.	642.3	-12.6	22.5	22.9	-13.1	96.	1.9819	1.6511	0.8604	343.0	23.7
3256.	637.7	-12.9	22.8	23.1	-13.3	96.	1.9287	1.6086	0.8552	343.0	23.7
3317.	632.6	-13.3	23.1	23.3	-13.7	96.	1.8598	1.5535	0.8496	342.0	23.5
3378.	627.6	-13.7	23.2	23.5	-14.1	96.	1.7951	1.5001	0.8442	342.0	23.3
3432.	623.1	-14.0	23.5	23.8	-14.4	96.	1.7446	1.4612	0.8391	342.0	23.1
3487.	618.6	-14.2	23.9	24.2	-14.6	96.	1.7129	1.4357	0.8336	342.0	23.2
3545.	613.9	-14.7	23.9	24.2	-15.1	96.	1.6560	1.3739	0.8288	341.0	22.7
3599.	609.5	-15.3	23.9	24.2	-15.7	96.	1.5976	1.3029	0.8247	341.0	22.6
3655.	605.0	-15.8	23.9	24.2	-16.2	96.	1.4777	1.2463	0.8202	341.0	22.4
3710.	600.6	-16.2	24.1	24.3	-16.6	96.	1.4238	1.2027	0.8155	341.0	22.2
3768.	596.0	-16.6	24.3	24.5	-17.0	96.	1.3716	1.1604	0.8104	341.0	22.0
3823.	591.6	-17.0	24.4	24.7	-17.4	96.	1.3212	1.1195	0.8057	341.0	21.8
3880.	587.1	-17.4	24.6	24.9	-17.8	96.	1.2725	1.0799	0.8008	340.0	21.6
3934.	582.9	-17.8	24.8	25.0	-18.2	96.	1.2254	1.0416	0.7963	340.0	21.3
3991.	578.5	-18.2	24.9	25.2	-18.6	96.	1.1800	1.0046	0.7915	340.0	21.1
4048.	574.1	-18.6	25.1	25.3	-19.0	96.	1.1361	0.9687	0.7866	340.0	20.9
4105.	569.7	-19.1	25.2	25.4	-19.5	96.	1.0833	0.9255	0.7821	340.0	20.8
4158.	565.6	-19.5	25.3	25.5	-19.9	96.	1.0428	0.8923	0.7777	340.0	20.5
4215.	561.3	-19.9	25.5	25.7	-20.3	96.	1.0036	0.8601	0.7730	340.0	20.3
4273.	556.9	-20.4	25.6	25.8	-20.8	96.	0.9565	0.8214	0.7684	341.0	20.0
4332.	552.5	-20.9	25.7	25.9	-21.3	96.	0.9114	0.7842	0.7638	341.0	19.7
4393.	547.9	-21.4	25.8	26.0	-21.8	96.	0.8684	0.7486	0.7589	341.0	19.4
4454.	543.4	-21.8	26.0	26.2	-22.2	96.	0.8352	0.7212	0.7538	341.0	19.3
4515.	538.9	-22.2	26.3	26.4	-22.6	96.	0.8033	0.6947	0.7488	341.0	19.0
4577.	534.4	-22.6	26.5	26.7	-23.0	96.	0.7725	0.6691	0.7437	342.0	18.8
4635.	530.2	-23.1	26.6	26.7	-23.5	96.	0.7354	0.6384	0.7393	342.0	18.6
4694.	525.9	-23.6	26.7	26.8	-24.0	96.	0.7001	0.6089	0.7347	342.0	18.6
4751.	521.6	-24.1	26.7	26.9	-24.5	96.	0.6663	0.5806	0.7305	342.0	18.4
4807.	517.8	-24.5	26.9	27.1	-24.9	96.	0.6403	0.5589	0.7260	343.0	18.3
4861.	514.0	-24.9	27.1	27.2	-25.3	96.	0.6153	0.5379	0.7218	343.0	18.2
4916.	510.1	-25.4	27.1	27.3	-25.8	96.	0.5853	0.5127	0.7178	343.0	18.2
4974.	506.0	-25.9	27.2	27.3	-26.3	96.	0.5566	0.4886	0.7134	344.0	18.2
5032.	502.0	-26.3	27.4	27.5	-26.7	96.	0.5346	0.4701	0.7089	344.0	18.3
5086.	498.2	-26.7	27.6	27.7	-27.1	96.	0.5134	0.4522	0.7047	344.0	18.4
5142.	494.4	-27.0	27.9	28.0	-27.4	96.	0.4981	0.4391	0.7001	344.0	18.4
5198.	490.5	-27.5	27.9	28.0	-27.9	96.	0.4734	0.4182	0.6960	344.0	18.6
5257.	486.5	-27.7	28.4	28.5	-28.1	96.	0.4638	0.4101	0.6909	344.0	18.7
5314.	482.7	-28.0	28.7	28.8	-28.4	96.	0.4498	0.3982	0.6863	344.0	18.7
5369.	479.0	-28.2	29.1	29.2	-28.6	96.	0.4407	0.3904	0.6816	343.0	18.6
5424.	475.3	-28.6	29.3	29.4	-29.0	96.	0.4229	0.3753	0.6774	343.0	18.7
5485.	471.3	-29.1	29.4	29.5	-29.5	96.	0.4017	0.3572	0.6731	343.0	18.7
5545.	467.3	-29.6	29.5	29.6	-30.0	96.	0.3814	0.3399	0.6687	343.0	18.5
5605.	463.4	-30.1	29.6	29.7	-30.5	96.	0.3621	0.3233	0.6645	342.0	18.7
5667.	459.4	-30.6	29.7	29.8	-31.0	96.	0.3437	0.3075	0.6601	342.0	18.3
5725.	455.6	-31.0	30.0	30.0	-31.4	96.	0.3296	0.2954	0.6557	342.0	18.1
5785.	451.8	-31.4	30.2	30.3	-31.8	96.	0.3160	0.2837	0.6513	341.0	17.8
5841.	448.2	-31.7	30.5	30.6	-32.1	96.	0.3062	0.2752	0.6469	341.0	17.8
5895.	444.8	-32.0	30.8	30.9	-32.4	96.	0.2966	0.2670	0.6428	340.0	17.7
5951.	441.3	-32.3	31.1	31.2	-32.7	96.	0.2874	0.2589	0.6385	340.0	17.5
6007.	437.8	-32.6	31.4	31.5	-33.0	96.	0.2783	0.2511	0.6343	339.0	17.4
6063.	434.3	-32.8	31.8	31.9	-33.2	96.	0.2725	0.2460	0.6297	338.0	17.4
6120.	430.8	-33.2	32.0	32.1	-33.6	96.	0.2611	0.2362	0.6257	338.0	17.4
6177.	427.3	-33.7	32.1	32.2	-34.1	96.	0.2475	0.2243	0.6219	337.0	17.4
6236.	423.7	-34.2	32.2	32.3	-34.6	96.	0.2345	0.2130	0.6179	337.0	17.4
6292.	420.3	-34.7	32.3	32.3	-35.1	96.	0.2222	0.2022	0.6142	336.0	17.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	L (M-1)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6346.	417.1	-35.2	32.3	32.4	-35.6	96.	0.2105	0.1920	0.6108	335.0	17.8
6398.	414.0	-35.6	32.4	32.5	-36.0	96.	0.2015	0.1841	0.6073	335.0	18.0
6451.	410.8	-36.0	32.6	32.7	-36.4	96.	0.1929	0.1765	0.6036	334.0	18.2
6506.	407.6	-36.4	32.8	32.8	-36.8	96.	0.1846	0.1692	0.5999	334.0	18.4
6558.	404.5	-36.9	32.8	32.8	-37.3	96.	0.1768	0.1605	0.5966	333.0	18.6
6610.	401.5	-37.4	32.8	32.8	-37.8	96.	0.1654	0.1522	0.5934	333.0	18.8
6660.	398.6	-37.8	32.9	33.0	-38.2	96.	0.1582	0.1459	0.5901	332.0	19.1
6712.	395.6	-38.2	33.1	33.1	-38.6	96.	0.1513	0.1398	0.5867	332.0	19.5
6762.	392.7	-38.6	33.2	33.2	-39.0	96.	0.1447	0.1339	0.5834	332.0	19.7
6811.	389.9	-39.2	33.0	33.1	-39.6	96.	0.1353	0.1255	0.5807	331.0	20.1
6864.	386.9	-39.7	33.0	33.1	-40.1	96.	0.1279	0.1189	0.5775	331.0	20.4
6919.	383.8	-40.2	33.1	33.1	-40.6	96.	0.1208	0.1126	0.5741	331.0	20.9
6976.	380.6	-40.8	33.0	33.1	-41.2	96.	0.1129	0.1054	0.5707	331.0	21.3
7033.	377.4	-41.3	33.1	33.1	-41.7	96.	0.1066	0.0998	0.5672	330.0	21.6
7089.	374.3	-41.7	33.3	33.3	-42.1	96.	0.1018	0.0955	0.5635	330.0	21.9
7145.	371.2	-42.1	33.5	33.5	-42.5	96.	0.0973	0.0913	0.5598	331.0	22.6
7202.	368.1	-42.7	33.4	33.5	-43.1	96.	0.0907	0.0854	0.5565	331.0	23.1
7260.	364.9	-43.2	33.5	33.6	-43.6	96.	0.0856	0.0808	0.5529	331.0	23.7
7319.	361.7	-43.7	33.6	33.7	-44.0	96.	0.0808	0.0764	0.5492	331.0	24.4
7381.	358.4	-44.2	33.5	33.8	-44.5	96.	0.0762	0.0722	0.5454	331.0	25.0
7439.	355.3	-44.7	33.9	33.9	-45.0	96.	0.0718	0.0682	0.5419	331.0	25.2
7494.	352.4	-45.1	34.0	34.1	-45.4	96.	0.0685	0.0652	0.5384	331.0	26.0
7547.	349.6	-45.6	34.1	34.1	-45.9	96.	0.0646	0.0616	0.5353	331.0	26.3
7602.	346.7	-46.2	34.0	34.0	-46.5	96.	0.0601	0.0575	0.5322	331.0	26.6
7660.	343.7	-46.8	33.9	34.0	-47.1	96.	0.0559	0.0536	0.5290	331.0	27.2
7716.	340.8	-47.4	33.9	33.9	-47.7	96.	0.0520	0.0500	0.5259	331.0	27.7
7772.	337.9	-47.9	33.9	33.9	-48.2	96.	0.0490	0.0472	0.5226	331.0	27.8
7827.	335.1	-48.4	34.0	34.0	-48.7	96.	0.0461	0.0445	0.5194	331.0	28.2
7882.	332.3	-49.0	33.9	33.9	-49.3	96.	0.0428	0.0415	0.5165	331.0	28.4
7939.	329.4	-49.6	33.8	33.9	-49.9	96.	0.0398	0.0386	0.5133	331.0	28.7
7997.	326.5	-50.3	33.7	33.7	-50.6	96.	0.0365	0.0355	0.5104	331.0	29.0
8053.	323.7	-50.7	33.9	33.9	-51.0	96.	0.0347	0.0339	0.5070	331.0	29.1
8107.	321.0	-51.1	34.0	34.0	-51.4	96.	0.0330	0.0323	0.5036	331.0	29.4
8158.	318.5	-51.6	34.0	34.0	-51.9	96.	0.0310	0.0304	0.5008	331.0	29.5
8213.	315.8	-52.1	34.1	34.1	-52.4	96.	0.0292	0.0286	0.4977	331.0	29.7
8269.	313.1	-52.6	34.1	34.2	-52.9	96.	0.0274	0.0269	0.4946	331.0	30.0
8322.	310.6	-53.2	34.0	34.2	-53.5	96.	0.0254	0.0250	0.4918	332.0	30.2
8374.	308.0	-53.7	34.0	34.1	-54.0	96.	0.0238	0.0235	0.4889	332.0	30.3
8424.	305.6	-54.1	34.2	34.2	-54.4	96.	0.0226	0.0224	0.4860	332.0	30.5
8477.	303.1	-54.6	34.2	34.2	-54.9	96.	0.0212	0.0211	0.4832	332.0	30.7
8528.	300.7	-55.1	34.2	34.2	-55.4	96.	0.0199	0.0198	0.4804	332.0	30.9
8579.	298.3	-55.6	34.2	34.2	-55.9	96.	0.0186	0.0186	0.4777	333.0	31.0
8628.	296.0	-56.1	34.2	34.2	-56.4	96.	0.0175	0.0174	0.4751	332.0	31.2
8679.	293.6	-56.5	34.3	34.3	-56.8	96.	0.0166	0.0166	0.4721	333.0	31.3
8733.	291.1	-57.1	34.2	34.2	-57.4	96.	0.0153	0.0154	0.4694	333.0	31.6
8786.	288.7	-57.6	34.2	34.2	-57.9	96.	0.0143	0.0144	0.4666	333.0	31.7
8838.	286.3	-58.0	34.4	34.4	-58.3	96.	0.0136	0.0137	0.4636	333.0	31.8
8893.	283.8	-58.4	34.6	34.6	-58.7	96.	0.0129	0.0130	0.4604	333.0	32.0
8949.	281.3	-59.0	34.5	34.5	-59.3	96.	0.0119	0.0120	0.4576	333.0	32.1
9000.	279.0	-59.6	34.4	34.4	-59.9	96.	0.0110	0.0111	0.4551	333.0	32.0
9054.	276.8	-60.1	34.3	34.3	-60.4	96.	0.0102	0.0104	0.4526	333.0	31.9
9109.	274.5	-60.6	34.4	34.4	-60.9	96.	0.0096	0.0095	0.4496	333.0	31.6
9163.	272.2	-61.1	34.5	34.5	-61.4	96.	0.0089	0.0092	0.4465	333.0	31.4
9215.	269.9	-61.5	34.6	34.6	-61.8	96.	0.0085	0.0087	0.4436	333.0	31.0
9271.	267.1	-62.0	34.7	34.7	-62.3	96.	0.0079	0.0081	0.4407	333.0	30.4
9326.	264.7	-62.4	34.9	34.9	-62.7	96.	0.0075	0.0077	0.4375	333.0	29.8
9380.	262.4	-62.7	35.2	35.2	-63.0	96.	0.0072	0.0074	0.4344	333.0	28.9
9437.	260.0	-63.1	35.5	35.5	-63.4	96.	0.0068	0.0070	0.4312	333.0	28.2
9491.	257.7	-63.5	35.7	35.7	-63.8	96.	0.0064	0.0066	0.4282	332.0	27.4
9546.	255.4	-63.9	35.9	35.9	-64.2	96.	0.0061	0.0063	0.4252	332.0	26.6
9599.	253.2	-64.2	36.2	36.2	-64.5	96.	0.0058	0.0060	0.4221	332.0	25.7
9652.	251.0	-64.4	36.7	36.7	-64.7	96.	0.0057	0.0059	0.4189	332.0	24.9
9708.	248.7	-64.6	37.2	37.2	-64.9	96.	0.0055	0.0057	0.4154	332.0	24.2
9765.	246.4	-64.7	37.9	37.9	-65.0	96.	0.0054	0.0056	0.4118	331.0	23.5
9820.	244.2	-64.8	38.5	38.5	-65.1	96.	0.0053	0.0056	0.4083	331.0	23.0
9875.	242.0	-64.9	39.2	39.2	-65.2	96.	0.0053	0.0055	0.4048	330.0	22.4
9930.	239.8	-65.2	39.5	39.5	-65.5	96.	0.0050	0.0053	0.4017	330.0	22.2
9984.	237.7	-65.1	40.5	40.5	-65.4	96.	0.0051	0.0053	0.3980	330.0	22.0
10040.	235.5	-64.9	41.0	41.6	-65.2	96.	0.0053	0.0055	0.3939	330.0	21.9
10095.	233.4	-64.3	43.3	43.3	-64.6	96.	0.0057	0.0060	0.3693	329.0	21.9
10155.	231.1	-63.6	45.3	45.3	-63.9	96.	0.0063	0.0065	0.3842	329.0	21.7
10214.	228.9	-63.7	46.0	46.3	-64.0	96.	0.0062	0.0065	0.3807	329.0	21.7
10273.	226.7	-63.9	46.6	46.6	-64.2	96.	0.0061	0.0063	0.3774	328.0	21.7
10330.	224.6	-64.2	46.8	46.8	-64.6	96.	0.0057	0.0060	0.3746	328.0	21.7
10385.	222.6	-64.7	47.0	47.0	-65.0	96.	0.0054	0.0056	0.3720	328.0	21.7
10440.	220.6	-65.0	47.4	47.4	-65.3	96.	0.0052	0.0054	0.3692	327.0	21.6
10495.	218.6	-65.3	47.7	47.7	-65.6	96.	0.0050	0.0052	0.3664	327.0	21.7
10551.	216.6	-65.3	48.6	48.6	-65.6	96.	0.0050	0.0052	0.3630	326.0	21.4
10604.	214.7	-65.2	49.6	49.6	-65.5	96.	0.0050	0.0053	0.3597	326.0	21.3
10656.	212.9	-65.0	50.6	50.6	-65.3	96.	0.0052	0.0054	0.3563	326.0	21.2
10707.	211.1	-64.7	51.9	51.9	-65.0	96.	0.0054	0.0056	0.3528	326.0	21.1
10759.	209.3	-64.3	53.3	53.3	-64.6	96.	0.0057	0.0060	0.3491	325.0	20.9
10812.	207.5	-63.8	54.9	54.9	-64.1	96.	0.0061	0.0064	0.3453	326.0	21.1
10863.	205.8	-63.6	56.5	56.5	-63.8	96.	0.0066	0.0068	0.3416	324.0	20.6
10914.	204.1	-63.3	57.2	57.2	-63.6	96.	0.0066	0.0068	0.3388	324.0	21.0
10956.	202.7	-63.4	57.7	57.7	-63.7	96.	0.0065	0.0067	0.3367	324.0	21.5
11009.	201.1	-63.5	58.3	58.3	-63.8	96.	0.0064	0.0066	0.3342	323.0	20.9
11052.	199.6	-63.6	59.0	59.0	-63.8	96.	0.0064	0.0066	0.3317	323.0	20.4
11096.	198.1	-63.5	59.6	59.6	-63.8	96.	0.0064	0.0066	0.3292	322.0	20.0
11146.	196.5	-63.3	60.6	60.6	-63.6	96.	0.0066	0.0068	0.3262	322.0	20.9
11196.	194.9	-63.1	62.1	62.1	-63.3	96.	0.0069	0.0071	0.3231	322.0	20.8
11247.	193.3	-63.2	63.2	63.2	-63.4	96.	0.0071	0.0073	0.3201	322.0	20.8
11298.	191.7	-63.3	64.1	64.1	-63.5	96.	0.0071	0.0073	0.3175	321.0	21.0
11346.	190.2	-63.3	64.5	64.5	-63.5	96.	0.0069	0.0071	0.3153	321.0	21.2
11394.	188.8	-63.3	64.8	64.8	-63.5	96.	0.0067	0.0069	0.3133	321.0	21.4
11441.	187.3	-63.4	65.3	65.3	-63.7	96.	0.0065	0.0067	0.3111	321.0	21.7
11493.	185.8	-63.5	65.4	65.4	-63.8	96.	0.0064	0.0066	0.3087	321.0	21.9
11542.	184.3	-63.5	66.1	66.1	-63.8	96.	0.0064	0.0066	0.3062	321.0	22.4
11590.	182.8	-63.5	67.5	67.5	-63.8	96.	0.0064	0.0066	0.3038	321.0	22.7
11637.	181.4	-63.4	68.1	68.1	-63.5	96.	0.0067	0.0069	0.3010	320.0	23.1
11686.	179.9	-63.1	69.7	69.7	-63.4	96.	0.0068	0.0070	0.2984	320.0	23.5
11736.	178.4	-63.0	70.7	70.7	-63.3	96.	0.0069	0.0071	0.2957	319.0	23.9
11788.	177.0	-62.9	71.6	71.6	-63.2	96.	0.0070	0.0072	0.2933	319.0	24.4
11840.	175.5	-62.6	73.0	73.0	-62.9	96.	0.0073	0.0075	0.2904	318.0	24.9
11888.	174.1	-62.3	74.2	74.2	-62.6	96.	0.0076	0.0079	0.2877	317.0	25.3
11939.	172.7	-62.2	75.2	75.2	-62.5	96.	0.0077	0.0079	0.2852	317.0	25.6
11986.	171.4	-62.0	76.3	76.3	-62.3	96.	0.0079	0.0081	0.2828	316.0	26.0
12033.	170.1	-61.7	77.5	77.6	-62.0	96.	0.0082	0.0084	0.2802	316.0	26.3
12077.	168.8	-61.5	78.8	78.9	-61.8	96.	0.0085	0.0089	0.2777	315.0	26.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12125.	167.6	-60.9	80.4	80.4	-61.2	96.	0.0092	0.0094	0.2751	313.0	27.0
12173.	166.3	-60.6	81.7	81.7	-60.9	96.	0.0096	0.0098	0.2726	312.0	27.4
12222.	165.0	-60.3	83.0	83.0	-60.6	96.	0.0100	0.0102	0.2701	311.0	27.8
12275.	163.6	-60.0	84.3	84.3	-60.3	96.	0.0104	0.0106	0.2674	310.0	28.2
12328.	162.2	-59.9	85.4	85.4	-60.2	96.	0.0105	0.0107	0.2650	309.0	28.4
12378.	160.9	-59.8	86.4	86.4	-60.1	96.	0.0107	0.0108	0.2627	308.0	28.7
12433.	159.5	-59.7	87.4	87.4	-60.0	96.	0.0108	0.0110	0.2603	306.0	28.9
12480.	158.3	-59.5	88.5	88.6	-59.8	96.	0.0111	0.0113	0.2581	307.0	29.0
12528.	157.1	-59.4	89.5	89.5	-59.7	96.	0.0113	0.0114	0.2560	306.0	29.3
12576.	155.9	-59.2	90.6	90.7	-59.5	96.	0.0116	0.0117	0.2539	306.0	29.4
12625.	154.8	-59.2	91.4	91.4	-59.5	96.	0.0116	0.0117	0.2521	306.0	29.7
12669.	153.6	-59.3	92.5	92.5	-59.6	96.	0.0114	0.0116	0.2502	305.0	29.9
12713.	152.5	-59.3	93.8	93.8	-59.6	96.	0.0114	0.0116	0.2484	305.0	30.1
12763.	151.3	-59.2	93.6	93.6	-59.5	96.	0.0116	0.0117	0.2464	305.0	30.4
12809.	150.2	-59.1	94.7	94.7	-59.4	96.	0.0117	0.0119	0.2445	304.0	30.5
12859.	149.0	-59.0	95.7	95.7	-59.3	96.	0.0119	0.0120	0.2424	304.0	30.7
12909.	147.8	-58.9	96.9	96.9	-59.1	96.	0.0122	0.0124	0.2402	304.0	31.0
12960.	146.6	-58.8	98.1	98.1	-59.0	96.	0.0125	0.0127	0.2380	304.0	31.1
13012.	145.4	-58.8	99.0	99.0	-58.9	96.	0.0125	0.0127	0.2361	303.0	31.4
13060.	144.3	-58.8	99.8	99.8	-58.9	96.	0.0125	0.0127	0.2343	303.0	31.6
13112.	143.1	-58.7	100.9	100.9	-58.8	96.	0.0124	0.0125	0.2325	303.0	31.7
13160.	142.0	-58.7	101.8	101.9	-58.8	96.	0.0124	0.0125	0.2307	303.0	32.1
13214.	140.8	-58.8	102.1	102.1	-59.1	96.	0.0122	0.0124	0.2288	302.0	32.2
13258.	139.8	-58.8	102.8	102.9	-59.1	96.	0.0122	0.0124	0.2272	302.0	32.5
13306.	138.7	-58.7	103.9	103.9	-59.0	96.	0.0124	0.0125	0.2253	302.0	32.6
13353.	137.7	-58.7	104.7	104.7	-59.0	96.	0.0124	0.0125	0.2237	302.0	32.9
13403.	136.6	-58.7	105.8	105.8	-59.0	96.	0.0124	0.0125	0.2219	301.0	33.1
13449.	135.6	-58.6	106.8	106.8	-58.9	96.	0.0125	0.0127	0.2202	301.0	33.4
13496.	134.6	-58.5	107.8	107.8	-58.8	96.	0.0127	0.0128	0.2185	301.0	33.8
13547.	133.5	-58.4	108.8	108.8	-58.7	96.	0.0129	0.0130	0.2166	301.0	35.0
13595.	132.5	-58.6	109.8	109.8	-58.9	96.	0.0125	0.0127	0.2151	304.0	36.1
13647.	131.4	-58.7	109.7	109.8	-59.0	96.	0.0124	0.0125	0.2135	304.0	36.7
13695.	130.4	-58.8	110.4	110.4	-59.1	96.	0.0122	0.0124	0.2119	305.0	37.0
13743.	129.4	-58.8	111.2	111.3	-59.1	96.	0.0122	0.0124	0.2103	306.0	36.4
13792.	128.4	-58.7	112.3	112.3	-59.0	96.	0.0124	0.0125	0.2086	99.9	99.9
13841.	127.4	-58.7	113.1	113.1	-59.0	96.	0.0124	0.0125	0.2070	99.9	99.9
13892.	126.3	-58.7	114.1	114.1	-59.0	96.	0.0124	0.0125	0.2052	99.9	99.9
13945.	125.3	-58.6	115.2	115.2	-58.9	96.	0.0125	0.0127	0.2035	99.9	99.9
13995.	124.3	-58.5	116.2	116.2	-58.8	96.	0.0127	0.0128	0.2017	99.9	99.9
14046.	123.3	-58.4	117.3	117.3	-58.7	96.	0.0129	0.0130	0.2000	300.0	35.4
14092.	122.4	-58.4	118.1	118.1	-58.7	96.	0.0129	0.0130	0.1986	297.0	33.6
14143.	121.4	-58.4	119.1	119.1	-58.7	96.	0.0129	0.0130	0.1969	293.0	31.9
14195.	120.4	-58.3	120.2	120.2	-58.6	96.	0.0130	0.0132	0.1952	290.0	30.9
14253.	119.3	-58.1	121.6	121.6	-58.4	96.	0.0134	0.0135	0.1933	287.0	30.1
14311.	118.2	-57.9	123.0	123.0	-58.2	96.	0.0138	0.0139	0.1913	99.9	99.9
14370.	117.1	-57.9	124.0	124.0	-58.2	96.	0.0138	0.0139	0.1895	262.0	25.5
14419.	116.2	-57.8	125.1	125.1	-58.1	96.	0.0139	0.0140	0.1880	99.9	99.9
14473.	115.2	-57.7	126.3	126.3	-58.0	96.	0.0141	0.0142	0.1863	99.9	99.9
14520.	114.2	-57.8	127.1	127.1	-58.1	96.	0.0139	0.0140	0.1847	99.9	99.9
14582.	113.2	-57.9	127.9	127.9	-58.2	96.	0.0137	0.0139	0.1832	99.9	99.9
14639.	112.2	-57.6	129.5	129.5	-57.9	96.	0.0143	0.0144	0.1813	99.9	99.9
14696.	111.2	-57.3	131.1	131.1	-57.6	96.	0.0149	0.0150	0.1795	99.9	99.9
14747.	110.3	-57.0	132.6	132.6	-57.3	96.	0.0155	0.0156	0.1778	263.0	31.8
14799.	109.4	-56.7	134.1	134.1	-57.2	96.	0.0161	0.0162	0.1761	266.0	33.3
14845.	108.6	-56.6	135.1	135.1	-56.8	96.	0.0163	0.0164	0.1747	267.0	34.1
14899.	107.7	-56.5	136.2	136.2	-56.6	96.	0.0165	0.0166	0.1732	268.0	35.1
14945.	106.9	-56.3	137.2	137.2	-56.6	96.	0.0170	0.0170	0.1717	270.0	36.5
14999.	106.0	-56.2	138.2	138.2	-56.5	96.	0.0172	0.0172	0.1702	272.0	37.4
15047.	105.2	-56.1	139.0	139.0	-56.4	96.	0.0174	0.0174	0.1689	274.0	38.0
15095.	104.4	-56.1	140.0	140.0	-56.4	96.	0.0174	0.0174	0.1676	272.0	38.0
15150.	103.5	-56.1	141.0	141.0	-56.4	96.	0.0174	0.0174	0.1661	272.0	38.6
15199.	102.7	-56.1	142.0	142.0	-56.4	96.	0.0174	0.0174	0.1648	272.0	39.2
15255.	101.8	-56.1	143.0	143.0	-56.4	96.	0.0174	0.0174	0.1634	273.0	39.9
15312.	100.9	-56.0	144.0	144.0	-56.3	96.	0.0177	0.0177	0.1619	273.0	39.9
15369.	100.0	-55.8	146.4	146.4	-56.1	96.	0.0181	0.0181	0.1603	274.0	40.5
15420.	99.2	-55.6	147.7	147.8	-55.9	96.	0.0186	0.0186	0.1589	274.0	40.8
15471.	98.4	-55.5	149.0	149.0	-55.8	96.	0.0190	0.0190	0.1573	274.0	40.8
15530.	97.5	-54.9	151.2	151.3	-55.2	96.	0.0204	0.0203	0.1556	274.0	41.0
15582.	96.7	-54.8	152.4	152.4	-55.1	96.	0.0208	0.0208	0.1543	274.0	41.4
15635.	95.9	-54.8	153.4	153.4	-55.1	96.	0.0207	0.0205	0.1530	274.0	41.5
15696.	95.0	-54.7	154.7	154.8	-55.0	96.	0.0209	0.0208	0.1515	274.0	41.7
15750.	94.2	-54.6	156.2	156.2	-54.8	96.	0.0215	0.0213	0.1501	274.0	42.1
15804.	93.4	-54.5	157.0	157.0	-54.6	96.	0.0220	0.0218	0.1487	275.0	42.5
15859.	92.6	-54.4	158.0	158.0	-54.5	96.	0.0223	0.0221	0.1474	275.0	42.9
15908.	91.9	-54.4	158.8	158.8	-54.5	96.	0.0223	0.0221	0.1462	275.0	43.3
15964.	91.1	-54.1	161.1	161.1	-54.4	96.	0.0226	0.0224	0.1449	274.0	43.6
16020.	90.2	-54.0	162.4	162.4	-54.3	96.	0.0229	0.0227	0.1436	274.0	44.0
16070.	89.6	-53.9	163.7	163.7	-54.1	96.	0.0235	0.0232	0.1423	274.0	44.3
16120.	88.9	-53.8	165.1	165.1	-53.9	96.	0.0241	0.0239	0.1411	274.0	44.5
16178.	88.1	-53.8	166.4	166.4	-53.8	96.	0.0244	0.0241	0.1397	274.0	44.3
16237.	87.3	-53.5	167.6	167.7	-53.7	96.	0.0244	0.0241	0.1385	273.0	44.6
16289.	86.6	-53.5	168.4	168.5	-53.7	96.	0.0241	0.0238	0.1374	273.0	44.7
16341.	85.9	-53.5	168.8	168.9	-53.8	96.	0.0232	0.0229	0.1365	273.0	45.1
16393.	85.2	-53.7	170.7	170.7	-54.0	96.	0.0235	0.0232	0.1353	272.0	45.4
16446.	84.5	-53.6	171.5	171.6	-53.9	96.	0.0241	0.0238	0.1341	273.0	46.0
16507.	83.7	-53.4	172.1	172.2	-53.7	96.	0.0247	0.0244	0.1327	273.0	46.2
16561.	83.0	-53.3	174.6	174.7	-53.6	96.	0.0253	0.0250	0.1315	272.0	46.6
16608.	82.4	-53.2	176.1	176.2	-53.5	96.	0.0255	0.0252	0.1304	272.0	46.8
16663.	81.7	-53.2	177.7	177.7	-53.5	96.	0.0269	0.0266	0.1291	272.0	47.2
16718.	81.0	-53.2	179.2	179.3	-53.5	96.	0.0272	0.0269	0.1280	272.0	47.4
16786.	80.4	-53.2	180.0	180.0	-53.5	96.	0.0273	0.0269	0.1270	271.0	47.7
16823.	79.7	-53.2	180.8	180.8	-53.5	96.	0.0270	0.0266	0.1260	271.0	48.0
16883.	79.0	-53.2	181.6	181.6	-53.5	96.	0.0270	0.0266	0.1249	271.0	48.2
16929.	78.4	-53.2	182.3	182.3	-53.5	96.	0.0273	0.0269	0.1239	271.0	48.5
16987.	77.7	-53.3	183.6	183.7	-53.6	96.	0.0277	0.0272	0.1227	271.0	48.8
17037.	77.1	-53.4	184.3	184.3	-53.7	96.	0.0280	0.0275	0.1217	271.0	49.0
17087.	76.5	-53.5	184.9	185.0	-53.8	96.	0.0284	0.0280	0.1206	271.0	49.2
17146.	75.8	-53.6	185.8	185.8	-53.9	96.	0.0288	0.0284	0.1194	271.0	49.1
17198.	75.2	-53.7	186.3	186.3	-53.9	96.	0.0291	0.0287	0.1184	271.0	49.4
17250.	74.6	-53.7	186.9	186.9	-53.9	96.	0.0291	0.0287	0.1174	271.0	49.6
17300.	74.0	-53.8	187.5	187.5	-53.9	96.	0.0294	0.0290	0.1164	271.0	49.7
17350.	73.4	-53.8	188.1	188.1	-53.9	96.	0.0298	0.0294	0.1154	271.0	49.9
17408.	72.8	-53.7	188.7	188.7	-53.8	96.	0.0301	0.0297	0.1143	271.0	50.1
17462.	72.2	-53.6	189.2	189.2	-53.7	96.	0.0305	0.0301	0.1133	271.0	50.3
17518.	71.6	-53.7	189.8	189.8	-53.8	96.	0.0305	0.0301	0.1123	270.0	50.5
17571.	71.0	-53.7	190.4	190.4	-53.8	96.	0.0308	0.0304	0.1113	270.0	50.6
17628.	70.4	-53.6	191.0	191.0	-53.7	96.	0.0312	0.0308	0.1102	270.0	50.8
17682.	69.8	-53.6	191.5	191.5	-53.7	96.	0.0315	0.0311	0.1093	270.0	50.9
17739.	69.2	-53.6	192.1	192.1	-53.7	96.	0.0319	0.0315	0.1082	269.0	51.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1775[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0374	0.0364	0.1072	2[illegible]	51.1
1780[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0374	0.0364	0.1062	2[illegible]	51.[illegible]
1791[illegible]	87.4	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0374	0.0364	0.1053	2[illegible]	51.3
1795[illegible]	86.[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0375	0.0364	0.1043	2[illegible]	51.4
1801[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0376	0.0377	0.1034	2[illegible]	51.2
1807[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0392	0.0391	0.1024	259.0	51.2
1817[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	0.0428	0.0414	0.1014	2[illegible]	50.[illegible]

SOUNDING 21:[illegible]
LATITUDE -[illegible] LONGITUDE [illegible]
DATE [illegible] TIME [illegible] GMT
NUMBER OF LEVELS [illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	4.6276	1.2202	3[illegible]	[illegible]
97.	948.4	-[illegible]	3.7	4.[illegible]	-1.7	92.	[illegible].3293	4.2541	1.2131	3[illegible]	7.9
117.	[illegible]28.4	-1.1	3.6	4.4	-2.[illegible]	89.	4.9872	3.9926	1.2056	27.0	8.3
174.	921.7	-1.[illegible]	4.[illegible]	4.6	-3.[illegible]	[illegible].	4.7697	3.8262	1.1986	24.0	[illegible].6
255.	824.8	-1.[illegible]	4.2	4.7	-3.6	87.	4.[illegible]804	3.6655	1.1914	22.0	8.9
3[illegible]	817.6	-2.[illegible]	4.4	4.8	-4.[illegible]	87.	4.4104	3.5493	1.1840	20.0	9.1
[illegible]	811.2	-2.7	4.[illegible]	[illegible].1	-4.[illegible]	88.	4.3137	3.4758	1.1772	19.0	[illegible].1
411.	804.2	-3.[illegible]	4.[illegible]	[illegible].4	-4.[illegible]	87.	4.1783	3.3556	1.1693	18.0	9.1
471.	797.4	-3.4	[illegible].[illegible]	[illegible].[illegible]	-5.2	86.	4.[illegible]746	3.2133	1.1621	17.0	8.9
532.	790.4	-2.[illegible]	[illegible].[illegible]	[illegible].7	-5.7	86.	3.7970	3.0763	1.1547	16.0	8.7
592.	[illegible]3.7	-4.1	[illegible].[illegible]	[illegible].[illegible]	-6.[illegible]	86.	[illegible].7[illegible]19	3.0022	1.1472	16.0	[illegible].[illegible]
655.	776.7	-4.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-6.2	86.	[illegible].6396	2.9537	1.1389	14.0	8.4
721.	[illegible]69.4	-4.4	[illegible].[illegible]	7.[illegible]	-6.3	85.	3.6[illegible]61	2.9297	1.1299	13.0	[illegible].[illegible]
7[illegible].	762.7	-4.[illegible]	7.1	7.[illegible]	-6.4	86.	3.[illegible]5774	2.9058	1.1216	13.0	8.1
842.	[illegible]55.1	-4.7	7.[illegible]	7.[illegible]	-6.5	86.	3.[illegible]5062	2.8909	1.1138	13.0	7.[illegible]
912.	749.6	-5.[illegible]	7.[illegible]	8.[illegible]	-6.9	85.	3.4278	2.7855	1.1065	15.0	8.1
961.	[illegible]43.[illegible]	-5.[illegible]	[illegible].1	[illegible].[illegible]	-7.2	85.	3.[illegible]40[illegible]	2.7217	1.0994	15.0	8.1
1019.	[illegible]57.[illegible]	-5.[illegible]	[illegible].1	[illegible].[illegible]	-7.7	85.	3.[illegible]264	2.6121	1.0932	17.0	8.1
1079.	[illegible]32.6	-6.[illegible]	8.[illegible]	[illegible].7	-7.9	86.	3.1283	2.5558	1.0865	18.0	8.2
1142.	[illegible]23.[illegible]	-6.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-8.5	86.	3.[illegible]215	2.4726	1.0792	20.0	8.2
1204.	[illegible]17.4	-7.1	[illegible].7	[illegible].[illegible]	-[illegible].[illegible]	85.	2.[illegible]866	2.3457	1.0726	[illegible].0	8.3
1268.	[illegible]10.7	-7.[illegible]	[illegible].7	[illegible].[illegible]	-[illegible].4	85.	2.[illegible]622	2.2686	1.0654	22.0	[illegible].3
1330.	804.[illegible]	-7.3	[illegible].[illegible]	10.1	-9.2	85.	[illegible].8106	2.3069	1.0562	24.0	8.4
1392.	797.[illegible]	-7.1	10.6	11.[illegible]	-8.[illegible]	86.	2.[illegible]83[illegible]	2.3719	1.0471	26.0	8.4
1454.	791.6	-[illegible].7	11.7	12.1	-[illegible].3	87.	3.[illegible]333	2.4792	1.0374	28.0	8.4
1514.	785.5	-6.[illegible]	12.4	12.[illegible]	-8.3	86.	3.[illegible]215	2.4722	1.0291	29.0	8.5
1574.	779.5	-6.[illegible]	13.1	13.5	-8.5	85.	2.[illegible]963	2.4447	1.0212	31.0	8.6
1634.	773.[illegible]	-6.3	14.[illegible]	14.4	-8.4	83.	2.[illegible]942	2.4495	1.0127	33.0	8.6
1693.	768.0	-[illegible].[illegible]	14.[illegible]	14.[illegible]	-9.1	80.	2.[illegible]834[illegible]	2.3250	1.0057	35.0	8.7
1751.	762.[illegible]	-6.[illegible]	14.7	15.1	-9.8	77.	2.[illegible]6586	2.1873	0.9988	36.0	8.7
1810.	756.3	-7.[illegible]	14.[illegible]	15.3	-10.3	76.	2.[illegible]5245	2.0894	0.9927	37.0	8.7
1869.	751.[illegible]	-7.[illegible]	15.[illegible]	15.[illegible]	-10.[illegible]	76.	2.4691	2.0378	0.9862	38.0	8.6
1930.	744.7	-8.[illegible]	15.[illegible]	15.[illegible]	-11.1	76.	2.[illegible]43[illegible]	1.9544	0.9804	[illegible].0	8.8
1993.	738.6	-8.[illegible]	15.4	15.7	-11.[illegible]	74.	2.[illegible]227	1.8268	0.9740	39.[illegible]	8.8
2058.	732.5	-8.[illegible]	15.7	16.[illegible]	-12.[illegible]	72.	2.0691	1.7206	0.9674	39.0	8.[illegible]
2122.	726.4	-9.4	15.[illegible]	16.1	-13.[illegible]	71.	1.[illegible]9[illegible]	1.6274	0.9611	40.[illegible]	[illegible].7
2189.	720.[illegible]	-9.9	15.[illegible]	16.[illegible]	-13.7	71.	1.8677	1.5598	0.9550	41.0	[illegible].[illegible]
2249.	714.8	-10.[illegible]	16.[illegible]	16.[illegible]	-14.1	71.	1.[illegible]8025	1.5076	0.9488	40.0	8.5
2308.	709.3	-10.7	16.[illegible]	16.6	-14.[illegible]	71.	1.7393	1.4579	0.9429	41.0	8.5
2364.	703.9	-11.1	16.[illegible]	16.[illegible]	-14.9	71.	1.6782	1.4079	0.9371	41.0	8.2
2420.	698.8	-11.[illegible]	16.7	17.[illegible]	-15.4	70.	1.[illegible]5942	1.3419	0.9317	42.0	8.1
2477.	693.[illegible]	-11.[illegible]	16.[illegible]	17.1	-15.[illegible]	70.	1.[illegible]5398	1.2964	0.9260	42.0	8.[illegible]
2537.	688.2	-12.4	17.[illegible]	17.2	-16.4	69.	1.[illegible]4505	1.2246	0.9207	42.[illegible]	7.9
2598.	682.7	-12.[illegible]	17.[illegible]	17.4	-16.8	69.	1.3991	1.1828	0.9147	42.0	7.7
2658.	677.3	-13.[illegible]	17.4	17.6	-17.1	70.	1.3687	1.1581	0.9088	42.0	7.6
2722.	671.7	-13.7	17.[illegible]	17.[illegible]	-17.2	72.	1.3451	1.1383	0.9030	43.0	7.5
2788.	665.8	-14.1	17.[illegible]	18.[illegible]	-17.3	74.	1.3326	1.1283	0.8965	43.0	7.4
2843.	661.[illegible]	-14.6	17.[illegible]	18.1	-17.[illegible]	76.	1.3[illegible]74	1.1083	0.8917	43.0	7.4
2904.	655.7	-15.[illegible]	18.1	18.[illegible]	-17.7	78.	1.2932	1.0968	0.8859	43.0	7.4
2964.	650.5	-15.3	18.4	18.[illegible]	-18.[illegible]	79.	1.2576	1.0680	0.8799	43.[illegible]	7.4
3029.	644.9	-15.6	18.[illegible]	19.[illegible]	-18.5	76.	1.1920	1.0144	0.8733	42.0	7.3
3091.	639.6	-15.[illegible]	19.1	19.[illegible]	-19.1	74.	1.1287	0.9627	0.8671	42.0	7.3
3154.	634.3	-16.4	19.3	19.4	-19.[illegible]	72.	1.[illegible]243	0.8968	0.8615	42.0	7.3
3219.	628.8	-16.[illegible]	19.4	19.[illegible]	-20.5	71.	1.[illegible]9865	0.8461	0.8557	42.0	7.3
3283.	623.5	-17.3	19.7	19.[illegible]	-20.9	71.	0.9501	0.8161	0.8498	43.0	7.5
3345.	618.3	-17.7	19.[illegible]	20.1	-21.1	72.	0.9279	0.7978	0.8440	44.0	7.4
3406.	613.3	-18.1	20.1	20.[illegible]	-21.5	72.	0.[illegible]935	0.7695	0.8384	45.0	7.4
3469.	608.1	-18.6	20.3	20.4	-22.[illegible]	72.	0.8502	0.7353	0.8329	45.0	7.4
3535.	602.8	-19.2	20.3	20.[illegible]	-22.7	71.	0.7937	0.6868	0.8276	47.0	7.4
3600.	597.5	-19.[illegible]	20.7	20.[illegible]	-23.3	69.	0.7498	0.6501	0.8212	47.0	7.4
3661.	592.6	-19.[illegible]	20.[illegible]	21.1	-24.2	66.	0.[illegible]900[illegible]	0.6005	0.8158	47.0	7.4
3721.	587.8	-20.3	21.1	21.[illegible]	-24.9	64.	0.6439	0.5619	0.8104	48.0	7.5
3778.	583.3	-20.9	21.1	21.2	-25.6	63.	0.5982	0.5236	0.8061	48.0	7.5
3839.	578.5	-21.4	21.[illegible]	21.[illegible]	-26.2	62.	0.5609	0.4922	0.8010	48.0	7.5
3895.	574.1	-21.[illegible]	21.[illegible]	21.4	-26.7	62.	0.[illegible]343	0.4696	0.7965	49.0	7.6
3954.	569.5	-22.[illegible]	21.2	21.[illegible]	-27.1	63.	0.5120	0.4509	0.7920	49.0	7.6
4017.	564.6	-23.[illegible]	21.4	21.[illegible]	-27.5	64.	0.4952	0.4367	0.7867	49.0	7.5
4081.	559.7	-23.6	21.4	21.[illegible]	-27.7	66.	0.4814	0.4250	0.7817	49.0	7.5
4145.	554.8	-24.2	21.4	21.[illegible]	-28.0	66.	0.4674	0.4131	0.7768	49.0	7.6
4207.	550.1	-24.8	21.4	21.[illegible]	-28.5	69.	0.4467	0.3956	0.7720	49.0	7.6
4267.	545.6	-25.3	21.[illegible]	21.6	-29.0	69.	0.4250	0.3771	0.7672	48.0	7.6
4328.	541.[illegible]	-25.[illegible]	21.[illegible]	21.7	-29.4	69.	0.[illegible]042	0.3593	0.7623	47.0	7.7
4389.	536.1	-26.[illegible]	21.[illegible]	21.[illegible]	-29.[illegible]	69.	0.3843	0.3424	0.7569	47.0	7.6
4450.	531.[illegible]	-26.[illegible]	22.[illegible]	22.[illegible]	-30.5	68.	0.3601	0.3216	0.7516	45.0	7.7
4521.	526.7	-27.[illegible]	22.1	22.2	-31.2	67.	0.[illegible]337[illegible]	0.3022	0.7466	44.0	7.7
4584.	522.1	-27.7	22.4	22.[illegible]	-31.7	66.	0.[illegible]3189	0.2862	0.7413	43.0	7.7
4643.	517.8	-28.[illegible]	22.3	22.4	-32.3	66.	0.[illegible]2999	0.2698	0.7370	42.0	7.7
4702.	513.6	-28.[illegible]	22.4	22.[illegible]	-32.8	66.	0.[illegible]2840	0.2568	0.7325	41.0	7.8
4763.	509.2	-29.[illegible]	22.5	22.6	-33.4	65.	0.[illegible]2664	0.2408	0.7277	39.0	7.9
4823.	504.9	-29.8	22.7	22.7	-34.0	64.	0.2491	0.2257	0.7230	39.0	8.0
4884.	500.6	-30.[illegible]	22.9	22.9	-34.6	63.	0.[illegible]2352	0.2136	0.7180	38.0	8.1
4943.	496.5	-30.[illegible]	23.1	23.[illegible]	-35.[illegible]	60.	0.[illegible]2188	0.1958	0.7133	37.0	8.2
5001.	492.4	-31.[illegible]	23.3	23.[illegible]	-36.4	56.	0.1923	0.1760	0.7085	37.0	8.3
5061.	488.3	-31.5	23.4	23.[illegible]	-37.4	53.	0.1727	0.1587	0.7041	37.0	8.3
5119.	484.3	-32.[illegible]	23.5	23.5	-38.4	50.	0.1545	0.1426	0.6998	36.0	8.4
5180.	480.1	-32.4	23.7	23.[illegible]	-39.1	48.	0.1422	0.1316	0.6948	35.0	8.5
5242.	475.9	-32.9	23.9	23.[illegible]	-40.0	46.	0.1292	0.1201	0.6902	35.0	8.5
5304.	471.7	-33.4	24.[illegible]	24.[illegible]	-40.6	45.	0.1198	0.1117	0.6855	35.0	8.5
536[illegible].	467.4	-33.9	24.2	24.2	-41.5	43.	0.1085	0.1015	0.6807	36.0	8.4
5431.	463.2	-34.5	24.2	24.2	-42.3	42.	0.0994	0.0932	0.6762	37.0	8.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5483.	496.1	-35.[illegible]	[illegible]	[illegible]	-42.9	41.	[illegible]	0.0865	0.6716	37.0	8.4
5559.	493.0	-36.[illegible]	[illegible]	[illegible]	-43.7	40.	[illegible]	0.0793	0.6673	38.0	8.4
5636.	489.[illegible]	-36.1	[illegible]	[illegible]	-44.2	40.	[illegible]	0.0752	0.6627	38.0	8.4
5681.	486.9	-36.7	[illegible]	[illegible]	-45.0	39.	[illegible]	0.0689	0.6585	39.0	8.3
5745.	482.7	-37.[illegible]	[illegible]	[illegible]	-45.5	38.	[illegible]	0.0647	0.6543	39.0	8.3
5800.	480.6	-37.[illegible]	[illegible]	[illegible]	-46.3	38.	[illegible]	0.0592	0.6495	40.0	8.2
5871.	474.7	-38.[illegible]	[illegible]	[illegible]	-46.8	37.	[illegible]	0.0561	0.6451	39.0	8.1
5929.	471.0	-38.[illegible]	[illegible]	[illegible]	-47.4	37.	[illegible]	0.0515	0.6410	40.0	8.0
5987.	467.4	-39.[illegible]	[illegible]	[illegible]	-48.0	36.	[illegible]	0.0483	0.6367	41.0	7.9
6046.	463.7	-39.[illegible]	[illegible]	[illegible]	-48.6	35.	[illegible]	0.0456	0.6328	41.0	7.8
6107.	459.9	-40.[illegible]	[illegible]	[illegible]	-49.7	34.	[illegible]	0.0409	0.6290	39.0	7.9
6171.	456.0	-41.[illegible]	[illegible]	[illegible]	-50.3	34.	[illegible]	0.0382	0.6248	39.0	7.8
6236.	452.2	-41.[illegible]	[illegible]	[illegible]	-50.9	34.	[illegible]	0.0357	0.6207	38.0	7.9
6302.	448.3	-42.[illegible]	[illegible]	[illegible]	-51.6	34.	[illegible]	0.0325	0.6165	37.0	7.8
6367.	444.1	-43.[illegible]	[illegible]	[illegible]	-52.1	34.	[illegible]	0.0297	0.6122	38.0	7.7
6429.	440.4	-43.7	[illegible]	[illegible]	-52.6	34.	[illegible]	0.0281	0.6079	38.0	7.7
6494.	436.6	-44.[illegible]	[illegible]	[illegible]	-53.2	34.	[illegible]	0.0270	0.6033	37.0	7.7
6560.	432.6	-44.[illegible]	[illegible]	[illegible]	-53.9	33.	[illegible]	0.0241	0.5992	36.0	7.6
6625.	428.7	-45.[illegible]	[illegible]	[illegible]	-54.5	33.	[illegible]	0.0225	0.5948	35.0	7.5
6691.	424.8	-46.1	[illegible]	[illegible]	-55.3	32.	[illegible]	0.0202	0.5907	34.0	7.5
6754.	421.3	-46.[illegible]	[illegible]	[illegible]	-55.7	32.	[illegible]	0.0191	0.5863	34.0	7.4
6818.	417.6	-47.[illegible]	[illegible]	[illegible]	-56.5	31.	[illegible]	0.0172	0.5822	33.0	7.3
6882.	413.7	-47.[illegible]	[illegible]	[illegible]	-57.3	31.	[illegible]	0.0156	0.5777	32.0	7.2
6952.	409.8	-48.[illegible]	[illegible]	[illegible]	-58.1	30.	[illegible]	0.0142	0.5740	31.0	7.1
7018.	406.3	-49.1	[illegible]	[illegible]	-58.9	29.	[illegible]	0.0128	0.5701	29.0	7.0
7081.	402.8	-49.7	[illegible]	[illegible]	-59.3	29.	[illegible]	0.0120	0.5656	29.0	7.0
7141.	399.0	-50.[illegible]	[illegible]	[illegible]	-59.8	29.	[illegible]	0.0112	0.5617	27.0	6.9
7205.	395.1	-50.[illegible]	[illegible]	[illegible]	-60.3	29.	[illegible]	0.0104	0.5576	26.0	6.9
7265.	391.7	-51.[illegible]	[illegible]	[illegible]	-60.8	29.	[illegible]	0.0097	0.5538	24.0	6.9
7324.	388.5	-51.[illegible]	[illegible]	[illegible]	-61.0	30.	[illegible]	0.0095	0.0097	23.0	6.9
7389.	384.6	-52.[illegible]	[illegible]	[illegible]	-61.5	30.	[illegible]	0.0090	0.5460	22.0	7.0
7453.	381.6	-53.[illegible]	[illegible]	[illegible]	-62.1	30.	[illegible]	0.0081	0.0083	21.0	6.9
7521.	377.6	-53.7	[illegible]	[illegible]	-62.7	30.	[illegible]	0.0077	0.5381	19.0	6.9
7588.	373.6	-53.[illegible]	[illegible]	[illegible]	-62.[illegible]	30.	[illegible]	0.0070	0.0081	17.0	6.9
7651.	370.2	-52.[illegible]	[illegible]	[illegible]	-61.7	30.	[illegible]	0.0088	0.5247	15.0	7.0
7719.	366.4	-52.1	[illegible]	[illegible]	-61.8	28.	[illegible]	0.0087	0.5183	13.0	6.9
7782.	362.[illegible]	-51.[illegible]	[illegible]	[illegible]	-61.6	27.	[illegible]	0.0087	0.5123	12.0	7.0
7846.	359.2	-51.4	[illegible]	[illegible]	-61.7	26.	[illegible]	0.0088	0.5062	10.0	7.2
7913.	355.4	-51.7	[illegible]	[illegible]	-62.5	24.	[illegible]	0.0079	0.5017	9.0	7.1
7982.	351.9	-51.9	[illegible]	[illegible]	-63.[illegible]	23.	[illegible]	0.0074	0.4971	7.0	7.3
8052.	348.3	-52.1	[illegible]	[illegible]	-63.5	22.	[illegible]	0.0069	0.4922	5.0	7.5
8121.	344.[illegible]	-52.[illegible]	[illegible]	[illegible]	-63.[illegible]	21.	[illegible]	0.0065	0.4878	4.0	7.6
8190.	340.[illegible]	-52.[illegible]	[illegible]	[illegible]	-64.3	20.	[illegible]	0.0062	0.4818	3.0	7.5
8256.	337.[illegible]	-53.[illegible]	[illegible]	[illegible]	-64.7	19.	[illegible]	0.0058	0.4779	1.0	7.6
8323.	333.4	-53.[illegible]	[illegible]	[illegible]	-65.4	18.	[illegible]	0.0054	0.4729	360.0	7.6
8388.	330.4	-53.[illegible]	[illegible]	[illegible]	-66.[illegible]	17.	[illegible]	0.0049	0.4688	358.0	7.5
8451.	327.5	-53.1	[illegible]	[illegible]	-66.2	17.	[illegible]	0.0048	0.4646	357.0	7.4
8515.	324.7	-53.[illegible]	[illegible]	[illegible]	-66.7	16.	[illegible]	0.0044	0.4604	356.0	7.4
8577.	321.8	-53.[illegible]	[illegible]	[illegible]	-67.3	15.	[illegible]	0.0041	0.4560	354.0	7.3
8642.	318.9	-53.[illegible]	[illegible]	[illegible]	-67.7	14.	[illegible]	0.0039	0.4514	353.0	7.1
8706.	316.1	-53.[illegible]	[illegible]	[illegible]	-67.6	14.	[illegible]	0.0037	0.0039	352.0	7.0
8767.	313.4	-53.1	[illegible]	[illegible]	-67.6	14.	[illegible]	0.0037	0.0039	350.0	6.9
8830.	310.7	-53.1	[illegible]	[illegible]	-67.6	14.	[illegible]	0.0037	0.0039	349.0	7.0
8891.	308.1	-53.[illegible]	[illegible]	[illegible]	-68.2	13.	[illegible]	0.0034	0.0036	343.0	6.5
8950.	305.6	-53.[illegible]	[illegible]	[illegible]	-68.2	13.	[illegible]	0.0034	0.0036	346.0	6.9
9007.	303.2	-53.[illegible]	[illegible]	[illegible]	-69.0	12.	[illegible]	0.0031	0.0032	345.0	7.0
9064.	300.8	-53.[illegible]	[illegible]	[illegible]	-69.2	12.	[illegible]	0.0029	0.0031	344.0	6.9
9119.	298.5	-54.[illegible]	[illegible]	[illegible]	-70.1	11.	[illegible]	0.0027	0.4208	343.0	6.8
9180.	295.[illegible]	-54.[illegible]	[illegible]	[illegible]	-71.0	10.	[illegible]	0.0024	0.4174	342.0	6.9
9238.	293.6	-54.7	[illegible]	[illegible]	-71.2	10.	[illegible]	0.0023	0.4140	340.0	6.9
9294.	291.5	-54.[illegible]	[illegible]	[illegible]	-71.4	10.	[illegible]	0.0023	0.4107	339.0	6.9
9351.	289.1	-55.[illegible]	[illegible]	[illegible]	-71.5	10.	[illegible]	0.0023	0.4074	339.0	7.0
9407.	286.8	-55.[illegible]	[illegible]	[illegible]	-72.2	9.	[illegible]	0.0020	0.4037	339.0	7.0
9464.	284.6	-54.[illegible]	[illegible]	[illegible]	-72.1	9.	[illegible]	0.0019	0.0021	0.4000	336.0	7.1
9520.	282.4	-54.9	[illegible]	[illegible]	-72.1	9.	[illegible]	0.0021	0.3965	337.0	7.4
9579.	280.3	-54.8	[illegible]	[illegible]	-72.0	9.	[illegible]	0.0019	0.0021	0.3930	337.0	7.6
9638.	278.2	-54.7	[illegible]	[illegible]	-72.7	8.	[illegible]	0.0017	0.0019	0.3894	337.0	7.8
9694.	276.1	-54.8	[illegible]	[illegible]	-72.8	8.	[illegible]	0.0017	0.0019	0.3863	337.0	8.2
9757.	274.1	-54.9	[illegible]	[illegible]	-72.8	8.	[illegible]	0.0017	0.0018	0.3832	337.0	8.4
9791.	273.1	-55.1	[illegible]	[illegible]	-73.[illegible]	8.	[illegible]	0.0017	0.0018	0.3804	337.0	8.7
9852.	270.9	-55.[illegible]	[illegible]	[illegible]	-74.0	7.	[illegible]	0.0014	0.0015	0.3772	337.0	9.0
9907.	268.8	-55.4	[illegible]	[illegible]	-74.1	7.	[illegible]	0.0014	0.0015	0.3740	337.0	9.3
9961.	266.8	-55.5	[illegible]	[illegible]	-74.0	7.	[illegible]	0.0014	0.0015	0.3707	336.0	9.6
10014.	264.9	-55.[illegible]	[illegible]	[illegible]	-74.[illegible]	7.	[illegible]	0.0014	0.0016	0.3675	337.0	9.9
10072.	262.8	-55.[illegible]	[illegible]	[illegible]	-73.[illegible]	7.	[illegible]	0.0016	0.0016	0.3638	336.0	10.2
10131.	260.7	-54.[illegible]	[illegible]	[illegible]	-74.7	6.	[illegible]	0.0013	0.0014	0.3603	336.0	10.4
10191.	258.6	-54.[illegible]	[illegible]	[illegible]	-74.7	6.	[illegible]	0.0013	0.0014	0.3569	336.0	10.8
10249.	256.6	-55.1	[illegible]	[illegible]	-74.9	6.	[illegible]	0.0012	0.0014	0.3540	335.0	11.0
10308.	254.7	-55.[illegible]	[illegible]	[illegible]	-75.0	6.	[illegible]	0.0012	0.0013	0.3513	335.0	11.4
10361.	252.7	-55.[illegible]	[illegible]	[illegible]	-75.2	6.	[illegible]	0.0012	0.0013	0.3484	334.0	11.7
10414.	250.9	-55.[illegible]	[illegible]	[illegible]	-76.4	5.	[illegible]	0.0010	0.0011	0.3457	334.0	11.9
10467.	249.1	-55.[illegible]	[illegible]	[illegible]	-76.4	5.	[illegible]	0.0010	0.0011	0.3428	333.0	12.1
10518.	247.4	-55.[illegible]	[illegible]	[illegible]	-76.4	5.	[illegible]	0.0010	0.0011	0.3401	332.0	12.4
10569.	245.7	-55.[illegible]	[illegible]	[illegible]	-76.4	5.	[illegible]	0.0010	0.0011	0.3374	332.0	12.8
10621.	244.0	-55.7	[illegible]	[illegible]	-75.4	6.	[illegible]	0.0011	0.0013	0.3348	331.0	13.0
10673.	242.3	-55.[illegible]	[illegible]	[illegible]	-76.6	5.	[illegible]	0.0009	0.0010	0.3323	330.0	13.1
10728.	240.5	-55.[illegible]	[illegible]	[illegible]	-78.0	4.	[illegible]	0.0008	0.0008	0.3294	330.0	13.4
10784.	238.7	-55.9	[illegible]	[illegible]	-78.1	4.	[illegible]	0.0007	0.0008	0.3266	329.0	13.7
10834.	237.1	-55.9	[illegible]	[illegible]	-78.1	4.	[illegible]	0.0007	0.0008	0.3241	329.0	13.9
10888.	235.4	-55.9	[illegible]	[illegible]	-78.1	4.	[illegible]	0.0007	0.0008	0.3213	328.0	14.2
10945.	233.6	-55.[illegible]	[illegible]	[illegible]	-78.0	4.	[illegible]	0.0008	0.0008	0.3183	327.0	14.5
11000.	231.9	-55.[illegible]	[illegible]	[illegible]	-77.8	4.	[illegible]	0.0009	0.0009	0.3153	326.0	14.7
11052.	230.2	-55.5	[illegible]	[illegible]	-77.7	4.	[illegible]	0.0008	0.0009	0.3124	326.0	15.0
11113.	228.5	-55.[illegible]	[illegible]	[illegible]	-77.8	4.	[illegible]	0.0009	0.0009	0.3098	325.0	15.4
11163.	226.9	-55.7	[illegible]	[illegible]	-79.7	3.	[illegible]	0.0006	0.0006	0.3074	324.0	15.7
11213.	225.4	-55.[illegible]	[illegible]	[illegible]	-79.7	3.	[illegible]	0.0006	0.0006	0.3052	323.0	15.8
11265.	223.9	-55.[illegible]	[illegible]	[illegible]	-79.8	3.	[illegible]	0.0006	0.0006	0.3029	322.0	16.2
11314.	222.4	-56.1	[illegible]	[illegible]	-80.0	3.	[illegible]	0.0005	0.0006	0.3008	321.0	16.5
11362.	220.9	-56.3	[illegible]	[illegible]	-80.1	3.	[illegible]	0.0005	0.0006	0.2988	320.0	16.6
11410.	219.4	-56.4	[illegible]	[illegible]	-80.2	3.	[illegible]	0.0005	0.0006	0.2964	319.0	16.7
11460.	217.9	-56.[illegible]	[illegible]	[illegible]	-80.1	3.	[illegible]	0.0005	0.0006	0.2938	319.0	16.8
11520.	216.4	-56.1	[illegible]	[illegible]	-80.0	3.	[illegible]	0.0005	0.0006	0.2911	318.0	16.9
11573.	214.9	-56.[illegible]	[illegible]	[illegible]	-82.3	2.	[illegible]	0.0004	0.0004	0.2886	317.0	17.1
11623.	213.5	-56.[illegible]	[illegible]	[illegible]	-82.3	2.	[illegible]	0.0004	0.0004	0.2864	317.0	17.4
11675.	212.1	-56.[illegible]	[illegible]	[illegible]	-79.9	3.	[illegible]	0.0006	0.0006	0.2841	316.0	17.4
11727.	210.6	-56.[illegible]	[illegible]	[illegible]	-82.3	2.	[illegible]	0.0004	0.0004	0.2817	316.0	17.6
11777.	209.2	-55.[illegible]	[illegible]	[illegible]	-82.3	2.	[illegible]	0.0004	0.0004	0.2793	315.0	17.8
11832.	207.7	-55.7	[illegible]	[illegible]	-82.1	2.	[illegible]	0.0004	0.0004	0.2767	315.0	17.9
11884.	206.3	-55.7	[illegible]	[illegible]	-82.1	2.	[illegible]	0.0004	0.0004	0.2744	315.0	18.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11936.	169.9	-55.8	87.5	87.5	-82.2	2.	0.0004	0.0004	0.2723	315.0	18.4
11989.	168.5	-55.8	88.3	88.3	-82.2	2.	0.0004	0.0004	0.2701	315.0	18.7
12042.	167.1	-55.9	89.0	89.0	-82.3	2.	0.0004	0.0004	0.2679	315.0	19.0
12095.	165.7	-56.0	89.7	89.7	-82.3	2.	0.0004	0.0004	0.2656	315.0	19.3
12145.	164.4	-56.0	90.5	90.5	-82.3	2.	0.0004	0.0004	0.2637	315.0	19.6
12192.	163.2	-56.1	91.1	91.1	-82.4	2.	0.0004	0.0004	0.2619	316.0	19.8
12239.	162.0	-56.0	92.1	92.1	-86.3	1.	0.0002	0.0002	0.2599	315.0	20.2
12286.	160.8	-56.0	92.8	92.8	-86.3	1.	0.0002	0.0002	0.2580	316.0	20.7
12333.	159.6	-56.1	93.4	93.4	-86.4	1.	0.0002	0.0002	0.2562	316.0	21.0
12385.	158.3	-56.1	94.3	94.3	-86.4	1.	0.0002	0.0002	0.2541	316.0	21.3
12437.	157.0	-56.1	95.2	95.2	-86.4	1.	0.0002	0.0002	0.2520	317.0	21.7
12490.	155.7	-56.2	95.9	95.9	-86.5	1.	0.0002	0.0002	0.2500	317.0	22.0
12543.	154.4	-56.3	96.6	96.6	-86.6	1.	0.0002	0.0002	0.2480	316.0	22.4
12601.	153.0	-56.3	97.6	97.6	-86.6	1.	0.0002	0.0002	0.2458	317.0	22.7
12655.	151.7	-56.3	98.5	98.5	-86.6	1.	0.0002	0.0002	0.2437	317.0	23.0
12714.	150.3	-56.3	99.4	99.4	-86.6	1.	0.0002	0.0002	0.2415	316.0	23.4
12765.	149.1	-56.5	100.0	100.0	-86.7	1.	0.0002	0.0002	0.2397	316.0	23.7
12820.	147.8	-56.6	100.7	100.7	-86.8	1.	0.0002	0.0002	0.2378	316.0	24.0
12876.	146.5	-56.7	101.5	101.5	-86.9	1.	0.0002	0.0002	0.2358	316.0	24.1
12924.	145.4	-56.8	101.9	101.9	-87.0	1.	0.0002	0.0002	0.2342	315.0	24.3
12981.	144.1	-57.0	102.7	102.7	-87.1	1.	0.0002	0.0002	0.2322	315.0	24.6
13033.	142.9	-57.0	103.6	103.6	-87.1	1.	0.0002	0.0002	0.2303	314.0	24.8
13082.	141.8	-57.1	104.3	104.3	-87.2	1.	0.0002	0.0002	0.2286	314.0	25.0
13136.	140.6	-57.1	105.2	105.2	-87.2	1.	0.0002	0.0002	0.2267	313.0	25.2
13185.	139.5	-57.2	105.9	105.9	-87.2	1.	0.0002	0.0002	0.2250	313.0	25.5
13235.	138.4	-56.9	107.3	107.3	-87.0	1.	0.0002	0.0002	0.2230	312.0	25.8
13286.	137.3	-56.6	108.7	108.7	-86.8	1.	0.0002	0.0002	0.2209	312.0	26.0
13342.	136.1	-56.5	109.8	109.8	-86.7	1.	0.0002	0.0002	0.2188	311.0	26.2
13398.	134.9	-56.4	111.0	111.0	-86.6	1.	0.0002	0.0002	0.2168	311.0	26.4
13456.	133.8	-56.3	112.0	112.0	-86.6	1.	0.0002	0.0002	0.2149	310.0	26.5
13502.	132.7	-56.3	112.9	112.9	-86.6	1.	0.0002	0.0002	0.2132	309.0	26.7
13550.	131.7	-56.2	114.0	114.0	-86.5	1.	0.0002	0.0002	0.2115	309.0	26.9
13603.	130.6	-56.1	115.1	115.1	-86.4	1.	0.0002	0.0002	0.2096	309.0	27.2
13652.	129.6	-56.0	116.1	116.1	-86.3	1.	0.0002	0.0002	0.2079	308.0	27.4
13701.	128.6	-56.0	117.0	117.0	-86.3	1.	0.0002	0.0002	0.2063	308.0	27.6
13756.	127.5	-55.9	118.1	118.1	-86.3	1.	0.0002	0.0002	0.2044	308.0	27.7
13806.	126.5	-55.8	119.2	119.2	-86.2	1.	0.0002	0.0002	0.2027	307.0	27.8
13856.	125.5	-55.8	120.4	120.4	-86.0	1.	0.0002	0.0002	0.2010	307.0	27.9
13907.	124.5	-55.5	121.5	121.5	-86.3	1.	0.0002	0.0002	0.1993	306.0	28.2
13963.	123.4	-55.5	122.5	122.5	-86.2	1.	0.0002	0.0002	0.1975	305.0	28.5
14020.	122.3	-55.4	123.7	123.7	-85.9	1.	0.0002	0.0002	0.1957	306.0	28.8
14073.	121.3	-55.3	124.8	124.8	-85.8	1.	0.0002	0.0002	0.1940	306.0	29.1
14128.	120.3	-55.4	125.6	125.6	-85.9	1.	0.0002	0.0002	0.1925	305.0	29.3
14184.	119.2	-55.4	126.6	126.6	-85.9	1.	0.0002	0.0002	0.1907	305.0	29.6
14237.	118.2	-55.4	127.6	127.6	-85.9	1.	0.0002	0.0002	0.1891	305.0	29.8
14291.	117.2	-55.4	128.6	128.6	-85.9	1.	0.0002	0.0002	0.1875	304.0	30.2
14346.	116.2	-55.3	129.7	129.7	-85.8	1.	0.0002	0.0002	0.1858	304.0	30.5
14401.	115.2	-55.2	130.9	130.9	-85.8	1.	0.0002	0.0002	0.1841	304.0	30.9
14457.	114.2	-55.1	132.3	132.3	-85.6	1.	0.0002	0.0002	0.1824	303.0	31.2
14507.	113.3	-54.8	133.6	133.6	-85.5	1.	0.0002	0.0002	0.1808	303.0	31.5
14556.	112.4	-54.5	135.1	135.1	-85.2	1.	0.0002	0.0003	0.1791	303.0	31.8
14610.	111.5	-54.3	136.4	136.4	-85.1	1.	0.0002	0.0003	0.1775	303.0	32.1
14667.	110.5	-54.1	137.8	137.8	-84.9	1.	0.0002	0.0003	0.1757	302.0	32.5
14720.	109.6	-54.0	138.9	138.9	-84.9	1.	0.0002	0.0003	0.1742	302.0	32.8
14772.	108.7	-53.9	140.1	140.1	-84.8	1.	0.0002	0.0003	0.1727	302.0	33.2
14826.	107.8	-53.8	141.3	141.3	-84.7	1.	0.0002	0.0003	0.1712	302.0	33.5
14873.	107.0	-53.7	142.3	142.3	-84.6	1.	0.0002	0.0003	0.1699	302.0	33.9
14928.	106.1	-53.6	143.7	143.7	-84.5	1.	0.0003	0.0003	0.1683	302.0	34.3
14976.	105.3	-53.5	145.0	145.0	-84.4	1.	0.0003	0.0003	0.1669	302.0	34.7
15028.	104.5	-53.2	146.1	146.1	-84.3	1.	0.0003	0.0003	0.1655	302.0	35.1
15081.	103.6	-53.1	147.3	147.3	-84.2	1.	0.0003	0.0003	0.1640	302.0	35.5
15137.	102.7	-53.0	148.6	148.6	-84.1	1.	0.0003	0.0003	0.1625	302.0	35.9
15194.	101.8	-53.0	149.6	149.6	-84.1	1.	0.0003	0.0003	0.1611	302.0	36.2
15251.	100.9	-53.0	150.7	150.7	-84.1	1.	0.0003	0.0003	0.1597	301.0	36.4
15302.	100.1	-53.0	151.7	151.7	-84.1	1.	0.0003	0.0003	0.1584	301.0	36.7
15366.	99.2	-53.2	152.8	152.8	-84.1	1.	0.0003	0.0003	0.1570	300.0	36.9
15412.	98.4	-53.2	153.8	153.8	-84.1	1.	0.0003	0.0003	0.1557	300.0	37.2
15471.	97.5	-53.0	154.9	154.9	-84.1	1.	0.0003	0.0003	0.1543	300.0	37.6
15525.	96.7	-52.9	156.1	156.1	-84.1	1.	0.0003	0.0003	0.1529	300.0	37.9
15585.	95.8	-52.8	157.4	157.4	-84.0	1.	0.0003	0.0003	0.1515	299.0	38.1
15639.	95.0	-52.8	158.5	158.5	-84.0	1.	0.0003	0.0003	0.1502	299.0	38.4
15706.	94.1	-52.8	159.8	159.8	-84.0	1.	0.0003	0.0003	0.1488	299.0	38.6
15755.	93.3	-52.7	160.9	160.9	-83.9	1.	0.0003	0.0003	0.1474	298.0	38.9
15811.	92.5	-52.5	162.2	162.2	-83.8	1.	0.0003	0.0003	0.1461	298.0	39.4
15860.	91.8	-52.4	163.1	163.1	-83.8	1.	0.0003	0.0003	0.1450	298.0	39.7
15916.	91.0	-52.6	164.2	164.2	-85.6	1.	0.0003	0.0003	0.1437	298.0	39.9
15973.	90.2	-52.6	165.3	165.3	-85.8	1.	0.0003	0.0003	0.1425	298.0	40.2
16030.	89.4	-52.6	166.6	166.6	-83.8	1.	0.0003	0.0003	0.1411	298.0	40.5
16088.	88.6	-52.6	168.3	168.3	-83.6	1.	0.0003	0.0003	0.1397	298.0	40.7
16142.	87.9	-52.5	169.7	169.7	-83.4	1.	0.0004	0.0004	0.1385	298.0	41.0
16199.	87.1	-51.7	171.5	171.5	-83.2	1.	0.0004	0.0004	0.1370	298.0	41.3
16251.	86.4	-51.4	173.1	173.1	-82.9	1.	0.0004	0.0004	0.1357	298.0	41.5
16311.	85.6	-51.2	174.7	174.7	-82.8	1.	0.0004	0.0004	0.1344	298.0	41.7
16372.	84.8	-51.1	176.1	176.1	-82.7	1.	0.0004	0.0004	0.1330	298.0	41.8
16426.	84.1	-50.9	177.6	177.6	-82.6	1.	0.0004	0.0004	0.1318	298.0	41.8
16482.	83.3	-50.8	179.4	179.4	-82.4	1.	0.0004	0.0004	0.1304	298.0	41.8
16543.	82.6	-50.4	180.8	180.8	-82.2	1.	0.0004	0.0004	0.1292	297.0	41.8
16595.	81.9	-50.3	182.2	182.2	-82.1	1.	0.0004	0.0004	0.1280	297.0	41.8
16655.	81.2	-50.2	183.6	183.6	-82.1	1.	0.0004	0.0004	0.1269	297.0	41.7
16711.	80.5	-50.1	185.1	185.1	-81.9	1.	0.0004	0.0004	0.1257	297.0	41.6
16768.	79.8	-49.9	186.5	186.5	-81.8	1.	0.0004	0.0005	0.1245	297.0	41.4
16817.	79.2	-49.8	187.7	187.7	-81.8	1.	0.0004	0.0005	0.1235	296.0	41.4
16875.	78.5	-49.7	189.2	189.2	-81.7	1.	0.0004	0.0005	0.1224	296.0	41.2
16934.	77.8	-49.6	190.4	190.4	-81.6	1.	0.0004	0.0005	0.1212	296.0	41.1
16983.	77.1	-49.5	191.5	191.5	-81.6	1.	0.0004	0.0005	0.1201	296.0	41.0
17044.	76.5	-49.3	192.9	192.9	-81.4	1.	0.0004	0.0005	0.1191	296.0	40.8
17104.	75.8	-49.1	194.2	194.2	-81.3	1.	0.0004	0.0005	0.1178	297.0	40.6
17156.	75.2	-49.0	195.4	195.4	-81.1	1.	0.0004	0.0005	0.1168	297.0	40.4
17217.	74.5	-49.0	196.7	196.7	-81.0	1.	0.0004	0.0005	0.1157	297.0	40.2
17271.	73.9	-48.9	198.0	198.0	-80.9	1.	0.0004	0.0005	0.1146	297.0	40.0
17335.	73.2	-48.8	199.7	199.7	-80.8	1.	0.0004	0.0005	0.1136	297.0	39.8
17386.	72.6	-48.8	200.8	200.8	-80.8	1.	0.0004	0.0005	0.1125	297.0	39.7
17441.	71.9	-48.8	202.1	202.1	-80.8	1.	0.0004	0.0005	0.1115	297.0	39.5
17511.	71.2	-48.8	203.4	203.4	-80.9	1.	0.0004	0.0005	0.1105	296.0	39.3
17566.	70.6	-48.8	204.4	204.4	-80.9	1.	0.0004	0.0005	0.1096	296.0	39.1
17644.	69.8	-49.1	206.1	206.1	-81.3	1.	0.0004	0.0005	0.1085	296.0	38.9
17716.	69.2	-49.1	207.3	207.3	-81.4	1.	0.0004	0.0005	0.1076	296.0	38.7
17790.	68.6	-49.4	208.7	208.7	-81.2	1.	0.0004	0.0005	0.1066	297.0	38.5
17864.	67.9	-49.4	210.3	210.3	-81.2	1.	0.0004	0.0005	0.1056	297.0	38.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17874.	67.4	-48.7	211.8	211.8	-81.0	1.	0.0005	0.0005	0.1046	297.0	44.9
17933.	66.8	-48.6	213.2	213.2	-80.9	1.	0.0005	0.0005	0.1036	296.0	45.5
17992.	66.2	-48.6	214.5	214.5	-80.9	1.	0.0005	0.0005	0.1027	296.0	45.9
18052.	65.6	-48.7	215.5	215.5	-81.0	1.	0.0005	0.0005	0.1018	296.0	46.4
18112.	65.0	-48.9	216.4	216.4	-81.1	1.	0.0005	0.0005	0.1010	295.0	47.0
18173.	64.4	-49.1	217.3	217.3	-81.3	1.	0.0004	0.0005	0.1001	295.0	47.4
18234.	63.8	-49.2	218.3	218.3	-81.3	1.	0.0004	0.0005	0.0992	294.0	47.8
18286.	63.3	-49.2	219.4	219.5	-81.3	1.	0.0004	0.0005	0.0985	294.0	48.3
18348.	62.7	-49.2	220.8	220.8	-81.3	1.	0.0004	0.0005	0.0975	294.0	48.8
18401.	62.2	-49.0	222.4	222.4	-81.2	1.	0.0004	0.0005	0.0967	294.0	49.2
18464.	61.6	-48.7	224.4	224.4	-81.0	1.	0.0005	0.0005	0.0956	294.0	49.6
18529.	61.0	-48.6	226.0	226.0	-80.9	1.	0.0005	0.0005	0.0946	293.0	50.0
18583.	60.5	-48.5	227.4	227.4	-80.8	1.	0.0005	0.0005	0.0938	293.0	50.4
18637.	60.0	-48.5	228.6	228.6	-80.8	1.	0.0005	0.0005	0.0930	293.0	50.7
18692.	59.5	-48.5	229.8	229.8	-80.8	1.	0.0005	0.0005	0.0923	293.0	51.1
18747.	59.0	-48.7	230.6	230.6	-81.0	1.	0.0005	0.0005	0.0916	293.0	51.5
18803.	58.5	-48.2	232.9	232.9	-80.6	1.	0.0005	0.0006	0.0906	293.0	51.8
18871.	57.9	-47.9	235.1	235.1	-80.4	1.	0.0005	0.0006	0.0895	293.0	52.2
18928.	57.4	-47.7	236.8	236.8	-80.2	1.	0.0005	0.0006	0.0887	293.0	52.6
18986.	56.9	-47.8	237.9	237.9	-80.3	1.	0.0005	0.0006	0.0880	293.0	52.8
19044.	56.4	-47.9	238.9	238.9	-80.4	1.	0.0005	0.0006	0.0872	294.0	53.2
19114.	55.8	-48.0	240.3	240.3	-80.5	1.	0.0005	0.0006	0.0863	294.0	53.5
19162.	55.4	-48.1	241.1	241.1	-80.5	1.	0.0005	0.0006	0.0858	294.0	53.8
19233.	54.8	-48.1	242.7	242.7	-80.5	1.	0.0005	0.0006	0.0848	294.0	54.1
19294.	54.3	-48.0	244.3	244.3	-80.5	1.	0.0005	0.0006	0.0840	294.0	54.3
19355.	53.8	-47.8	246.1	246.1	-80.3	1.	0.0005	0.0006	0.0832	294.0	54.5
19416.	53.3	-47.5	248.2	248.2	-80.1	1.	0.0005	0.0006	0.0823	294.0	54.8
19466.	52.9	-47.3	249.8	249.8	-79.9	1.	0.0005	0.0006	0.0816	294.0	54.9
19529.	52.4	-47.2	251.4	251.4	-79.9	1.	0.0006	0.0006	0.0808	293.0	55.1
19592.	51.9	-47.1	253.1	253.1	-79.8	1.	0.0006	0.0006	0.0800	293.0	55.2
19656.	51.4	-47.2	254.3	254.3	-79.9	1.	0.0006	0.0006	0.0792	293.0	55.4
19700.	51.0	-47.2	255.5	255.5	-79.9	1.	0.0006	0.0006	0.0786	292.0	55.5
19773.	50.5	-47.2	257.0	257.0	-79.9	1.	0.0006	0.0006	0.0779	292.0	55.7
19838.	50.0	-47.2	258.5	258.5	-79.9	1.	0.0006	0.0006	0.0771	291.0	55.8
19905.	49.5	-47.3	259.8	259.8	-79.9	1.	0.0005	0.0006	0.0764	291.0	55.9
19958.	49.1	-47.3	261.0	261.0	-79.9	1.	0.0005	0.0006	0.0757	290.0	56.2
20026.	48.6	-47.3	262.6	262.6	-79.9	1.	0.0005	0.0006	0.0750	290.0	56.4
20085.	48.2	-47.3	263.8	263.8	-79.9	1.	0.0005	0.0006	0.0743	290.0	56.6
20145.	47.7	-47.4	265.2	265.2	-80.0	1.	0.0005	0.0006	0.0736	290.0	56.8
20205.	47.3	-47.4	266.5	266.5	-80.0	1.	0.0005	0.0006	0.0730	289.0	57.0
20261.	46.9	-47.4	267.8	267.8	-80.0	1.	0.0005	0.0006	0.0724	289.0	57.2
20317.	46.5	-47.5	268.9	268.9	-80.1	1.	0.0005	0.0006	0.0718	289.0	57.4
20374.	46.1	-47.6	270.0	270.0	-80.2	1.	0.0005	0.0006	0.0712	289.0	57.6
20432.	45.7	-47.6	271.3	271.4	-80.2	1.	0.0005	0.0006	0.0706	289.0	57.8
20504.	45.2	-47.6	273.1	273.1	-80.2	1.	0.0005	0.0006	0.0698	289.0	58.0
20565.	44.8	-47.5	274.7	274.7	-80.1	1.	0.0005	0.0006	0.0692	289.0	58.2
20622.	44.4	-47.3	276.6	276.6	-79.9	1.	0.0005	0.0006	0.0685	289.0	58.4
20682.	44.0	-47.1	278.5	278.5	-79.8	1.	0.0006	0.0006	0.0678	289.0	58.5
20742.	43.6	-46.7	280.5	280.5	-79.5	1.	0.0006	0.0007	0.0671	289.0	58.7
20803.	43.2	-46.4	283.1	283.1	-79.3	1.	0.0006	0.0007	0.0664	289.0	58.9
20881.	42.7	-46.2	285.5	285.5	-79.1	1.	0.0006	0.0007	0.0655	289.0	59.1
20943.	42.3	-45.9	287.7	287.7	-78.9	1.	0.0006	0.0007	0.0648	289.0	59.2
20990.	42.0	-45.8	289.1	289.1	-78.9	1.	0.0007	0.0007	0.0644	290.0	59.5
21054.	41.6	-45.8	290.6	290.6	-78.9	1.	0.0007	0.0007	0.0637	290.0	59.8
21118.	41.2	-45.9	291.9	291.9	-78.9	1.	0.0006	0.0007	0.0632	289.0	60.2
21183.	40.8	-46.0	293.3	293.3	-79.0	1.	0.0006	0.0007	0.0626	289.0	60.1
21248.	40.4	-46.0	294.9	294.9	-79.0	1.	0.0006	0.0007	0.0620	289.0	60.4
21315.	40.0	-45.9	296.7	296.7	-78.9	1.	0.0006	0.0007	0.0613	289.0	60.5
21385.	39.7	-45.7	298.5	298.5	-78.8	1.	0.0007	0.0007	0.0608	289.0	60.6
21452.	39.3	-45.4	300.2	300.2	-78.6	1.	0.0007	0.0008	0.0601	289.0	61.0
21500.	39.0	-45.1	301.3	301.3	-78.3	1.	0.0007	0.0008	0.0594	288.0	61.2
21552.	38.6	-44.9	302.1	302.1	-78.2	1.	0.0007	0.0008	0.0589	288.0	61.6
21621.	38.2	-45.2	303.1	303.1	-78.4	1.	0.0007	0.0008	0.0584	288.0	61.7
21691.	37.8	-45.5	304.0	304.0	-78.6	1.	0.0007	0.0008	0.0578	287.0	61.9
21744.	37.5	-45.7	304.8	304.8	-78.8	1.	0.0007	0.0007	0.0574	287.0	62.0
21816.	37.1	-45.8	305.4	305.4	-78.9	1.	0.0007	0.0007	0.0568	286.0	62.1
21872.	36.8	-46.0	306.2	306.2	-79.0	1.	0.0006	0.0007	0.0564	285.0	62.1
21924.	36.5	-46.2	307.1	307.1	-79.1	1.	0.0006	0.0007	0.0560	285.0	62.2
21997.	36.1	-45.9	307.7	307.7	-78.9	1.	0.0006	0.0007	0.0553	284.0	62.3
22052.	35.8	-45.6	308.1	308.1	-78.6	1.	0.0007	0.0008	0.0548	284.0	62.5
22127.	35.4	-45.1	308.8	308.8	-78.3	1.	0.0007	0.0008	0.0541	284.0	62.4
22184.	35.1	-44.8	309.3	309.3	-78.2	1.	0.0007	0.0008	0.0536	283.0	62.6
22241.	34.8	-44.7	309.8	309.8	-78.1	1.	0.0007	0.0008	0.0531	283.0	62.8
22313.	34.4	-44.3	310.4	310.4	-77.8	1.	0.0008	0.0009	0.0524	283.0	62.8
22377.	34.1	-43.8	310.8	310.8	-77.4	1.	0.0008	0.0009	0.0518	283.0	62.8
22437.	33.8	-43.5	311.3	311.3	-77.3	1.	0.0008	0.0010	0.0512	283.0	62.9
22497.	33.5	-43.1	311.7	311.7	-76.9	1.	0.0008	0.0010	0.0507	283.0	63.0
22567.	33.2	-42.9	312.2	312.2	-76.7	1.	0.0008	0.0010	0.0502	284.0	63.0
22618.	32.9	-42.6	312.6	312.6	-76.5	1.	0.0008	0.0011	0.0497	284.0	63.0
22731.	32.5	-42.5	313.2	313.2	-76.5	1.	0.0008	0.0011	0.0491	284.0	63.0
22763.	32.2	-42.4	313.6	313.6	-76.4	1.	0.0008	0.0011	0.0486	284.0	63.1
22826.	31.9	-42.3	314.0	314.0	-76.3	1.	0.0008	0.0011	0.0481	284.0	63.7
22890.	31.6	-42.2	314.4	314.4	-76.2	1.	0.0008	0.0011	0.0477	285.0	64.5
22950.	31.3	-42.1	314.8	314.8	-76.2	1.	0.0008	0.0011	0.0472	286.0	65.0

SOUNDING 22.0
LATITUDE -60.0 LONGITUDE 3.6
DATE 10-26-81 1135 GMT
NUMBER OF LEVELS 51

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	950.0	2.0	5.7	5.7	0.2	88.	6.2369	4.9435	1.2980	360.0	4.8
64.	943.4	1.4	5.4	5.6	-0.4	79.	4.9201	3.9463	1.2903	355.0	3.5
128.	937.7	-1.1	4.8	5.2	-6.8	47.	3.7764	3.0635	1.1910	345.0	2.5
192.	931.1	-2.7	4.6	5.2	-9.1	36.	2.8836	2.3171	1.1823	332.0	2.4
256.	924.6	-4.1	4.7	5.2	-12.8	27.	2.2251	1.6856	1.1729	319.0	2.1
320.	918.2	-5.1	4.8	5.2	-16.1	22.	1.7824	1.2582	1.1616	314.0	1.6
384.	911.9	-5.5	4.9	5.2	-20.5	16.	1.4423	0.9503	1.1491	214.0	1.7
448.	905.6	-6.1	4.8	5.2	-24.5	12.	1.1838	0.7148	1.1366	252.0	1.8
512.	899.4	-6.5	5.0	5.2	-27.4	9.	0.9727	0.5567	1.1246	247.0	1.6
576.	893.3	-7.0	5.0	5.2	-30.7	7.	0.8151	0.4113	1.1123	303.0	0.7
640.	887.2	-7.6	5.0	5.2	-31.1	11.	0.7398	0.8035	1.1009	284.0	0.2
704.	881.2	-8.2	4.9	5.2	-27.6	17.	0.5184	0.4562	1.0882	0.0	0.0
768.	875.2	-8.8	4.9	5.2	-27.2	16.	0.4775	0.4472	1.0764	0.0	0.0
1296.	825.0	-9.4	7.3	7.4	-23.8	27.	0.7246	0.6321	1.0056	135.3	0.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1395.	795.7	-8.9	7.9	7.9	-33.5	10.	0.2631	0.2379	1.0532	126.0	0.9
1496.	785.3	-10.3	8.5	8.5	-31.7	13.	0.3220	0.2871	1.0411	125.0	1.2
1596.	775.2	-10.6	9.2	9.3	-25.8	24.	0.5859	0.5133	1.0291	126.0	1.7
1695.	765.2	-10.8	10.0	10.2	-20.7	40.	0.9714	0.8337	1.0169	126.0	2.2
1795.	755.3	-11.2	10.7	10.8	-17.7	55.	1.2840	1.0893	1.0055	126.0	2.7
1895.	745.5	-11.4	11.5	11.6	-13.7	71.	1.6710	1.5625	0.9937	128.0	3.4
1995.	735.8	-12.1	11.8	12.1	-14.4	81.	1.7545	1.4692	0.9834	127.0	3.9
2095.	726.2	-12.7	12.2	12.4	-16.4	71.	1.4592	1.2314	0.9725	126.0	4.5
2195.	716.6	-13.2	12.7	13.0	-16.0	77.	1.5137	1.2754	0.9619	127.0	5.3
2295.	707.4	-13.6	13.4	13.6	-15.6	83.	1.5688	1.3199	0.9508	127.0	6.0
2394.	698.2	-13.9	14.1	14.3	-16.9	76.	1.3851	1.1714	0.9394	128.0	6.6
2495.	688.8	-14.1	15.0	15.2	-17.6	72.	1.2969	1.0998	0.9276	129.0	7.2
2594.	680.0	-14.5	15.6	15.8	-17.9	73.	1.2674	1.0758	0.9169	130.0	7.8
2694.	671.1	-15.3	15.8	16.0	-18.5	74.	1.1950	1.0169	0.9077	131.0	8.4
2793.	662.3	-16.0	16.1	16.3	-19.1	75.	1.1335	0.9666	0.8982	132.0	8.6
2893.	653.6	-16.5	16.6	16.8	-19.3	77.	1.1064	0.9444	0.8881	134.0	8.8
2993.	644.9	-16.9	17.3	17.5	-19.6	78.	1.0769	0.9203	0.8776	137.0	8.9
3093.	636.4	-17.1	18.2	18.4	-19.6	79.	1.0773	0.9206	0.8668	139.0	9.1
3192.	628.0	-17.6	18.7	18.9	-19.9	80.	1.0421	0.8918	0.8570	143.0	9.2
3293.	619.6	-18.5	18.8	19.0	-20.7	81.	0.9679	0.8308	0.8484	144.0	9.1
3392.	611.4	-19.2	19.1	19.3	-21.1	83.	0.9279	0.7978	0.8395	147.0	9.3
3493.	603.1	-20.0	19.3	19.5	-21.8	84.	0.8699	0.7499	0.8307	148.0	9.3
3593.	595.0	-20.5	19.4	19.6	-22.6	85.	0.8062	0.6972	0.8224	150.0	9.3
3692.	587.1	-21.6	19.7	19.9	-23.1	86.	0.7631	0.6613	0.8137	150.0	9.2
3792.	579.1	-22.4	19.9	20.1	-23.7	88.	0.7276	0.6260	0.8052	151.0	8.9
3892.	571.3	-23.2	20.1	20.3	-24.4	89.	0.6730	0.5863	0.7968	152.0	8.8
3991.	563.6	-24.2	20.1	20.2	-25.3	90.	0.6186	0.5407	0.7892	152.0	8.5
4092.	555.8	-24.9	20.4	20.6	-25.8	91.	0.5834	0.5111	0.7804	151.0	8.0
4190.	548.3	-25.6	20.6	20.9	-26.4	92.	0.5522	0.4849	0.7721	151.0	7.7
4291.	540.7	-26.1	21.3	21.4	-26.8	93.	0.5338	0.4669	0.7629	152.0	7.3
4391.	533.3	-26.9	21.5	21.6	-27.4	95.	0.4980	0.4391	0.7549	153.0	6.9
4491.	525.9	-27.6	21.9	22.0	-28.1	95.	0.4623	0.4088	0.7465	155.0	6.6
4591.	518.6	-28.4	22.1	22.2	-29.3	91.	0.4079	0.3626	0.7385	156.0	6.4
4691.	511.4	-29.0	22.5	22.6	-30.5	96.	0.3624	0.3236	0.7300	157.0	6.4
4791.	504.3	-29.7	22.9	22.9	-31.6	92.	0.3225	0.2893	0.7219	158.0	6.3
4890.	497.3	-30.7	22.8	22.9	-32.5	83.	0.2945	0.2651	0.7148	159.0	6.2
4991.	490.3	-31.9	23.1	23.1	-33.1	84.	0.2737	0.2471	0.7071	161.0	6.0

SOUNDING 23.0
LATITUDE -61.2 LONGITUDE 3.1
DATE 10-26-81 TIME 2339 GMT
NUMBER OF LEVELS 413

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	954.2	-4.5	-0.9	-0.4	-5.1	95.	3.9998	3.2332	1.2405	130.0	3.0
46.	948.6	-4.2	-0.1	0.3	-5.6	87.	3.7575	3.0457	1.2317	130.0	2.9
95.	942.8	-4.1	0.5	0.9	-6.3	83.	3.6153	2.9353	1.2237	133.0	3.1
141.	937.3	-4.2	0.8	1.2	-6.4	83.	3.5846	2.9115	1.2170	132.0	3.5
188.	931.7	-4.3	1.2	1.6	-6.2	85.	3.6398	2.9544	1.2102	133.0	3.8
235.	926.1	-4.4	1.6	2.0	-6.3	85.	3.6089	2.9304	1.2034	136.0	4.0
280.	920.8	-4.4	2.0	2.4	-6.7	82.	3.4815	2.8313	1.1964	135.0	4.1
328.	915.3	-4.3	2.6	3.0	-7.2	78.	3.3395	2.7210	1.1887	135.0	4.1
377.	909.6	-4.4	3.0	3.4	-7.3	78.	3.3115	2.6989	1.1817	136.0	4.2
424.	904.1	-4.7	3.1	3.5	-7.4	79.	3.2692	2.6659	1.1759	135.0	4.1
472.	898.6	-5.1	3.2	3.6	-7.7	80.	3.1993	2.6114	1.1704	135.0	4.1
519.	893.4	-5.4	3.4	3.7	-7.7	82.	3.1961	2.6088	1.1650	136.0	4.1
563.	888.3	-5.8	3.4	3.8	-7.8	84.	3.1634	2.5833	1.1600	137.0	3.9
606.	883.4	-6.1	3.5	3.9	-8.0	85.	3.1134	2.5489	1.1549	137.0	3.9
652.	878.2	-6.3	3.8	4.2	-8.2	85.	3.0659	2.5071	1.1490	137.0	3.8
700.	872.8	-6.5	4.1	4.4	-8.8	82.	2.9370	2.3826	1.1426	133.0	3.8
751.	867.1	-6.7	4.4	4.7	-9.7	77.	2.6829	2.2064	1.1359	132.0	3.5
802.	861.5	-6.8	4.8	5.1	-10.4	73.	2.5215	2.0793	1.1288	130.0	3.9
849.	856.3	-7.0	5.1	5.4	-10.9	71.	2.4102	1.9913	1.1228	129.0	4.0
894.	851.4	-7.4	5.1	5.4	-11.4	70.	2.2950	1.9001	1.1180	129.0	4.0
940.	846.3	-7.8	5.2	5.4	-11.7	71.	2.2480	1.8628	1.1129	131.0	4.1
985.	841.4	-8.2	5.2	5.5	-11.9	72.	2.2013	1.8257	1.1081	129.0	4.0
1034.	836.1	-8.6	5.3	5.5	-12.1	73.	2.1548	1.7888	1.1028	131.0	4.1
1085.	830.6	-9.1	5.3	5.5	-12.5	74.	2.0903	1.7375	1.0975	132.0	3.9
1137.	825.1	-9.6	5.3	5.5	-12.2	79.	2.1351	1.7731	1.0924	133.0	3.8
1187.	819.7	-10.1	5.3	5.5	-12.3	82.	2.1250	1.7611	1.0873	136.0	3.6
1235.	814.6	-10.6	5.2	5.5	-12.5	84.	2.0771	1.7270	1.0826	139.0	3.5
1286.	809.2	-10.8	5.6	5.8	-12.7	84.	2.0403	1.6977	1.0762	147.0	3.3
1337.	803.9	-10.9	6.0	6.2	-12.8	84.	2.0221	1.6832	1.0695	152.0	3.4
1388.	798.6	-11.0	6.4	6.7	-13.2	82.	1.9564	1.6307	1.0629	157.0	3.4
1445.	792.6	-11.2	6.8	7.0	-13.7	80.	1.8747	1.5655	1.0556	163.0	3.5
1501.	786.9	-11.3	7.3	7.5	-13.9	79.	1.8347	1.5335	1.0484	170.0	3.6
1552.	781.6	-11.5	7.6	7.8	-14.2	78.	1.7793	1.4890	1.0421	172.0	3.8
1602.	776.6	-11.7	7.9	8.1	-14.6	77.	1.7251	1.4456	1.0362	177.0	4.0
1649.	771.8	-11.9	8.2	8.4	-14.9	76.	1.6723	1.4032	1.0305	180.0	4.1
1700.	766.7	-12.1	8.5	8.7	-15.3	75.	1.6238	1.3617	1.0245	182.0	4.2
1751.	761.6	-12.3	8.8	9.0	-15.4	75.	1.5918	1.3384	1.0184	183.0	4.4
1803.	756.4	-12.4	9.2	9.5	-15.7	74.	1.5564	1.3098	1.0119	186.0	4.4
1853.	751.4	-12.4	9.8	10.0	-16.0	72.	1.5143	1.2759	1.0051	187.0	4.6
1901.	746.7	-12.5	10.2	10.4	-16.2	71.	1.4798	1.2460	0.9992	187.0	4.6
1950.	741.9	-12.7	10.5	10.7	-16.4	71.	1.4532	1.2265	0.9935	187.0	4.6
1997.	737.4	-13.0	10.6	10.9	-16.7	71.	1.4141	1.1949	0.9886	185.0	4.6
2043.	732.9	-13.3	10.8	11.0	-16.9	72.	1.3954	1.1797	0.9837	185.0	4.6
2090.	728.4	-13.5	11.1	11.3	-16.9	73.	1.3892	1.1747	0.9784	184.0	4.5
2139.	723.7	-13.4	11.7	11.9	-17.0	72.	1.3827	1.1695	0.9717	182.0	4.5
2187.	719.2	-13.2	12.5	12.7	-16.9	71.	1.3885	1.1742	0.9650	180.0	4.3
2233.	714.8	-13.2	13.0	13.2	-17.2	69.	1.3494	1.1424	0.9590	177.0	4.2
2282.	710.2	-13.3	13.4	13.6	-17.5	68.	1.3178	1.1168	0.9532	173.0	4.1
2329.	705.9	-13.5	13.7	13.9	-17.8	67.	1.2749	1.0819	0.9482	171.0	3.8
2375.	701.6	-13.7	13.9	14.1	-18.3	65.	1.2145	1.0327	0.9431	167.0	3.6
2419.	697.5	-13.9	14.2	14.4	-18.9	63.	1.1556	0.9848	0.9382	163.0	3.5
2462.	693.6	-14.3	14.2	14.4	-19.6	61.	1.0788	0.9218	0.9344	159.0	3.4
2506.	689.6	-14.6	14.4	14.5	-19.9	61.	1.0495	0.8978	0.9300	154.0	3.3
2554.	685.2	-14.6	14.7	14.8	-20.4	59.	0.9965	0.8543	0.9248	151.0	3.5
2599.	681.1	-15.0	14.9	15.1	-21.1	56.	0.9285	0.7984	0.9199	145.0	3.3
2646.	676.9	-15.0	15.4	15.6	-22.1	51.	0.8456	0.7298	0.9142	142.0	3.6
2692.	672.8	-15.1	15.8	15.9	-23.5	45.	0.7393	0.6416	0.9089	139.0	3.8
2740.	668.5	-15.3	16.1	16.2	-24.8	40.	0.6451	0.5629	0.9037	137.0	3.8
2788.	664.3	-15.6	16.3	16.4	-25.9	37.	0.5804	0.5086	0.8990	135.0	3.9
2836.	660.1	-16.0	16.4	16.5	-27.1	34.	0.5138	0.4525	0.8947	133.0	4.2
2884.	655.9	-16.3	16.6	16.7	-27.7	33.	0.4850	0.4281	0.8900	132.0	4.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2933.	651.6	-16.6	16.8	16.9	-27.9	33.	0.4716	0.4167	0.8852	130.0	4.7
2977.	647.8	-16.9	16.9	17.0	-28.2	33.	0.4585	0.4057	0.8811	130.0	5.0
3023.	643.8	-17.1	17.2	17.3	-29.0	31.	0.4227	0.3752	0.8763	131.0	5.1
3072.	639.6	-17.4	17.4	17.5	-29.6	30.	0.3977	0.3539	0.8716	131.0	5.4
3121.	635.4	-17.9	17.4	17.5	-30.0	30.	0.3794	0.3382	0.8675	131.0	5.5
3168.	631.4	-18.3	17.5	17.5	-30.1	31.	0.3775	0.3366	0.8634	131.0	5.7
3213.	627.6	-18.6	17.6	17.7	-30.4	31.	0.3669	0.3275	0.8592	130.0	5.8
3257.	623.9	-19.0	17.7	17.7	-30.7	31.	0.3533	0.3158	0.8555	131.0	5.8
3304.	620.0	-19.4	17.7	17.8	-31.4	30.	0.3291	0.2950	0.8515	130.0	5.9
3353.	615.9	-19.8	17.8	17.9	-32.8	27.	0.2850	0.2569	0.8471	130.0	5.9
3400.	612.0	-20.1	18.0	18.0	-34.1	24.	0.2462	0.2232	0.8427	130.0	6.0
3450.	607.9	-20.4	18.2	18.2	-35.6	21.	0.2093	0.1909	0.8380	129.0	6.1
3499.	603.9	-20.6	18.3	18.3	-36.4	20.	0.1918	0.1755	0.8338	129.0	6.1
3544.	600.2	-21.3	18.2	18.3	-36.9	20.	0.1827	0.1676	0.8304	127.0	6.2
3596.	596.0	-21.8	18.2	18.3	-36.9	21.	0.1827	0.1676	0.8262	125.0	6.3
3645.	592.0	-22.2	18.3	18.4	-36.8	22.	0.1841	0.1688	0.8220	124.0	6.3
3695.	588.0	-22.6	18.4	18.5	-37.2	22.	0.1771	0.1626	0.8177	123.0	6.4
3746.	583.9	-23.0	18.6	18.6	-37.9	21.	0.1625	0.1497	0.8133	122.0	6.6
3794.	580.1	-23.4	18.6	18.7	-39.2	19.	0.1414	0.1309	0.8093	120.0	6.6
3842.	576.3	-23.8	18.7	18.7	-40.5	17.	0.1216	0.1132	0.8052	118.0	6.8
3891.	572.4	-24.1	18.9	18.9	-41.9	15.	0.1041	0.0976	0.8007	116.0	7.0
3940.	568.6	-24.4	19.1	19.1	-43.4	13.	0.0876	0.0826	0.7964	115.0	7.2
3988.	564.8	-24.7	19.3	19.3	-44.3	12.	0.0785	0.0743	0.7920	112.0	7.4
4039.	560.9	-25.1	19.4	19.5	-45.4	11.	0.0691	0.0658	0.7878	110.0	7.6
4088.	557.1	-25.4	19.7	19.7	-47.3	9.	0.0549	0.0527	0.7834	108.0	8.0
4137.	553.3	-25.8	19.8	19.8	-52.4	5.	0.0293	0.0287	0.7793	107.0	8.2
4187.	549.5	-26.2	19.9	19.9	-56.7	3.	0.0169	0.0169	0.7752	106.0	8.5
4235.	545.9	-26.5	20.1	20.1	-64.9	1.	0.0055	0.0057	0.7710	104.0	8.7
4281.	542.4	-26.8	20.2	20.2	-65.2	1.	0.0053	0.0055	0.7670	103.0	9.0
4329.	538.8	-27.3	20.2	20.2	-65.5	1.	0.0050	0.0053	0.7635	102.0	9.2
4376.	535.1	-27.6	20.2	20.2	-65.9	1.	0.0048	0.0050	0.7598	101.0	9.4
4429.	531.3	-28.3	20.2	20.2	-66.2	1.	0.0045	0.0048	0.7559	101.0	9.7
4478.	527.7	-28.7	20.3	20.3	-66.5	1.	0.0044	0.0046	0.7520	100.0	9.9
4528.	524.0	-29.1	20.4	20.4	-66.8	1.	0.0042	0.0044	0.7480	101.0	10.2
4581.	520.1	-29.6	20.4	20.4	-67.2	1.	0.0040	0.0042	0.7439	100.0	10.4
4632.	516.4	-30.0	20.5	20.5	-67.4	1.	0.0038	0.0040	0.7398	101.0	10.8
4683.	512.7	-30.4	20.6	20.6	-67.7	1.	0.0037	0.0039	0.7358	101.0	11.0
4733.	509.1	-30.8	20.7	20.7	-68.0	1.	0.0035	0.0037	0.7318	102.0	11.1
4785.	505.4	-31.3	20.7	20.7	-68.4	1.	0.0033	0.0035	0.7280	102.0	11.3
4835.	501.8	-31.8	20.7	20.7	-63.9	2.	0.0063	0.0065	0.7243	103.0	11.4
4888.	498.1	-32.3	20.7	20.8	-61.4	3.	0.0090	0.0092	0.7204	103.0	11.7
4941.	494.3	-32.7	20.9	20.9	-57.9	5.	0.0143	0.0144	0.7161	104.0	11.8
4993.	490.7	-33.2	20.9	20.9	-58.3	5.	0.0136	0.0137	0.7124	104.0	12.1
5049.	486.8	-33.7	21.0	21.0	-58.7	5.	0.0129	0.0130	0.7082	105.0	12.2
5101.	483.2	-34.2	21.0	21.0	-59.1	5.	0.0122	0.0124	0.7045	105.0	12.3
5154.	479.5	-34.6	21.1	21.1	-61.1	4.	0.0094	0.0096	0.7002	105.0	12.4
5204.	476.1	-35.1	21.1	21.1	-63.5	3.	0.0067	0.0069	0.6967	105.0	12.5
5254.	472.7	-35.4	21.3	21.3	-66.6	2.	0.0043	0.0045	0.6926	105.0	12.6
5307.	469.1	-35.8	21.5	21.5	-71.6	1.	0.0021	0.0022	0.6885	105.0	12.6
5359.	465.6	-36.3	21.5	21.5	-72.0	1.	0.0019	0.0021	0.6848	105.0	12.7
5414.	461.9	-36.8	21.5	21.5	-72.3	1.	0.0018	0.0020	0.6808	104.0	12.8
5466.	458.4	-37.3	21.6	21.6	-72.7	1.	0.0017	0.0019	0.6771	104.0	12.8
5521.	454.8	-37.7	21.7	21.7	-73.0	1.	0.0017	0.0018	0.6729	104.0	12.8
5574.	451.3	-38.1	21.9	21.9	-73.3	1.	0.0016	0.0017	0.6689	103.0	12.7
5626.	447.9	-38.5	22.0	22.0	-73.6	1.	0.0015	0.0017	0.6650	103.0	12.7
5676.	444.6	-38.9	22.1	22.1	-73.8	1.	0.0015	0.0016	0.6612	103.0	12.7
5727.	441.3	-39.4	22.1	22.1	-74.2	1.	0.0014	0.0015	0.6577	102.0	12.7
5777.	438.1	-39.9	22.1	22.1	-74.6	1.	0.0013	0.0014	0.6543	102.0	12.6
5836.	434.7	-40.4	22.1	22.1	-74.9	1.	0.0012	0.0013	0.6506	102.0	12.7
5887.	431.1	-40.9	22.2	22.2	-75.3	1.	0.0012	0.0013	0.6466	101.0	12.7
5942.	427.6	-41.4	22.2	22.2	-75.7	1.	0.0011	0.0012	0.6428	101.0	12.6
5999.	424.0	-41.9	22.3	22.3	-76.0	1.	0.0010	0.0011	0.6387	101.0	12.6
6053.	420.6	-42.3	22.5	22.5	-76.3	1.	0.0010	0.0011	0.6347	101.0	12.5
6107.	417.3	-42.7	22.6	22.6	-76.6	1.	0.0009	0.0010	0.6308	101.0	12.4
6160.	414.0	-43.0	22.8	22.8	-76.8	1.	0.0009	0.0010	0.6266	101.0	12.3
6211.	410.9	-43.5	22.9	22.9	-77.2	1.	0.0009	0.0010	0.6233	102.0	12.2
6263.	407.7	-43.9	23.1	23.1	-77.5	1.	0.0008	0.0009	0.6195	102.0	12.1
6321.	404.2	-44.4	23.1	23.1	-77.8	1.	0.0008	0.0009	0.6156	103.0	11.9
6375.	400.9	-44.9	23.2	23.2	-78.2	1.	0.0007	0.0008	0.6119	104.0	11.7
6434.	397.4	-45.4	23.3	23.3	-78.6	1.	0.0007	0.0008	0.6079	105.0	11.6
6485.	394.1	-45.9	23.3	23.3	-78.9	1.	0.0006	0.0007	0.6041	106.0	11.3
6542.	390.0	-46.4	23.4	23.4	-79.3	1.	0.0006	0.0007	0.6007	107.0	11.0
6594.	387.9	-46.8	23.4	23.4	-79.7	1.	0.0006	0.0006	0.5973	109.0	10.8
6647.	384.8	-47.3	23.5	23.5	-79.9	1.	0.0005	0.0006	0.5935	109.0	10.5
6703.	381.6	-47.7	23.7	23.7	-80.2	1.	0.0005	0.0006	0.5896	110.0	10.2
6758.	378.4	-48.1	23.9	23.9	-80.5	1.	0.0005	0.0006	0.5857	112.0	10.0
6859.	375.5	-48.5	24.0	24.0	-80.8	1.	0.0005	0.0005	0.5823	113.0	9.9
6861.	372.5	-48.9	24.2	24.2	-81.1	1.	0.0005	0.0005	0.5787	115.0	9.6
6909.	369.8	-49.3	24.3	24.3	-81.4	1.	0.0004	0.0005	0.5755	116.0	9.1
6959.	367.0	-49.7	24.4	24.4	-81.7	1.	0.0004	0.0005	0.5722	118.0	9.0
7014.	363.9	-50.2	24.4	24.4	-82.1	1.	0.0004	0.0004	0.5686	118.0	8.6
7072.	360.8	-50.7	24.5	24.5	-82.4	1.	0.0004	0.0004	0.5650	120.0	8.5
7128.	357.8	-51.2	24.9	24.9	-82.6	1.	0.0004	0.0004	0.5608	120.0	8.2
7182.	354.8	-51.7	25.2	25.2	-82.9	1.	0.0003	0.0004	0.5568	121.0	8.1
7237.	351.6	-52.1	25.4	25.4	-83.1	1.	0.0003	0.0004	0.5528	122.0	8.0
7295.	348.5	-52.6	25.8	25.8	-83.3	1.	0.0003	0.0004	0.5487	124.0	7.8
7347.	345.6	-53.2	26.1	26.1	-83.5	1.	0.0003	0.0003	0.5449	124.0	7.6
7403.	342.7	-53.8	26.3	26.3	-83.8	1.	0.0003	0.0003	0.5413	125.0	7.5
7458.	339.8	-54.3	26.4	26.4	-84.2	1.	0.0003	0.0003	0.5379	125.0	7.3
7515.	336.8	-54.8	26.4	26.4	-84.4	1.	0.0003	0.0003	0.5344	125.0	7.1
7572.	333.8	-54.1	26.5	26.5	-84.9	1.	0.0002	0.0003	0.5308	125.0	7.1
7628.	330.9	-54.6	26.6	26.6	-85.3	1.	0.0002	0.0003	0.5274	125.0	6.9
7686.	327.9	-55.0	26.8	26.8	-85.6	1.	0.0002	0.0002	0.5236	124.0	6.9
7743.	325.0	-55.6	26.7	26.7	-86.0	1.	0.0002	0.0002	0.5204	124.0	6.9
7799.	322.1	-56.2	26.7	26.7	-86.5	1.	0.0002	0.0002	0.5172	123.0	6.8
7857.	319.2	-56.7	26.8	26.8	-86.9	1.	0.0002	0.0002	0.5137	123.0	6.8
7916.	316.2	-57.2	26.9	26.9	-87.2	1.	0.0002	0.0002	0.5101	122.0	6.7
7975.	313.3	-57.5	27.1	27.1	-87.5	1.	0.0002	0.0002	0.5061	122.0	6.7
8024.	310.8	-58.1	27.2	27.2	-87.8	1.	0.0001	0.0002	0.5031	123.0	6.8
8087.	307.8	-58.7	27.1	27.1	-88.3	1.	0.0001	0.0002	0.5000	122.0	6.7
8147.	304.8	-59.2	27.2	27.2	-88.7	1.	0.0001	0.0001	0.4963	122.0	6.7
8207.	301.9	-59.6	27.5	27.5	-89.0	1.	0.0001	0.0001	0.4925	124.0	6.7
8267.	299.0	-60.1	27.6	27.6	-89.3	1.	0.0001	0.0001	0.4887	124.0	6.6
8325.	296.0	-60.4	28.1	28.1	-89.6	1.	0.0001	0.0001	0.4847	124.0	6.4
8381.	293.2	-61.1	28.1	28.1	-90.1	1.	0.0001	0.0001	0.4813	126.0	6.4
8452.	289.2	-61.5	28.2	28.2	-90.4	1.	0.0001	0.0001	0.4776	127.0	6.1
8513.	286.5	-61.8	28.6	28.6	-90.6	1.	0.0001	0.0001	0.4739	129.0	5.8
8571.	284.7	-61.9	29.3	29.3	-90.7	1.	0.0001	0.0001	0.4695	131.0	5.4
8632.	281.9	-61.9	30.1	30.1	-90.7	1.	0.0001	0.0001	0.4649	134.0	5.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8691.	279.2	-61.7	31.3	31.3	-90.6	1.	0.0001	0.0001	0.4600	138.0	4.6
8754.	276.4	-61.4	32.6	32.6	-90.4	1.	0.0001	0.0001	0.4547	141.0	4.2
8815.	273.7	-61.3	33.8	33.8	-90.3	1.	0.0001	0.0001	0.4501	146.0	3.8
8880.	270.8	-61.3	34.5	34.5	-90.3	1.	0.0001	0.0001	0.4453	152.0	3.4
8942.	268.2	-61.3	35.4	35.4	-90.3	1.	0.0001	0.0001	0.4410	156.0	3.1
8998.	265.7	-61.2	36.3	36.3	-90.2	1.	0.0001	0.0001	0.4367	160.0	2.8
9057.	263.2	-61.1	37.3	37.3	-90.1	1.	0.0001	0.0001	0.4324	180.0	2.6
9111.	260.9	-61.1	38.1	38.1	-90.1	1.	0.0001	0.0001	0.4286	187.0	2.5
9171.	258.4	-61.1	39.2	39.2	-90.1	1.	0.0001	0.0001	0.4245	200.0	2.4
9234.	255.8	-61.0	40.3	40.3	-90.1	1.	0.0001	0.0001	0.4200	208.0	2.3
9295.	253.3	-61.0	41.3	41.3	-90.1	1.	0.0001	0.0001	0.4159	219.0	2.4
9354.	250.9	-61.0	41.7	41.7	-90.1	1.	0.0001	0.0001	0.4120	225.0	2.5
9413.	248.5	-60.8	42.9	42.9	-89.9	1.	0.0001	0.0001	0.4077	232.0	2.5
9473.	246.1	-60.8	44.1	44.1	-89.8	1.	0.0001	0.0001	0.4033	239.0	2.6
9529.	243.9	-60.4	45.2	45.2	-89.6	1.	0.0001	0.0001	0.3994	243.0	2.8
9586.	241.7	-60.2	46.3	46.3	-89.5	1.	0.0001	0.0001	0.3954	249.0	3.0
9645.	239.4	-60.3	47.3	47.3	-89.5	1.	0.0001	0.0001	0.3918	251.0	3.0
9706.	237.0	-60.4	47.8	47.8	-89.6	1.	0.0001	0.0001	0.3881	254.0	3.2
9771.	234.6	-60.6	48.4	48.4	-89.8	1.	0.0001	0.0001	0.3845	255.0	3.2
9835.	232.2	-60.7	49.2	49.2	-89.8	1.	0.0001	0.0001	0.3807	259.0	3.3
9900.	229.8	-60.9	49.9	49.9	-90.0	1.	0.0001	0.0001	0.3772	261.0	3.5
9962.	227.5	-60.9	50.8	50.8	-90.0	1.	0.0001	0.0001	0.3734	263.0	3.7
10022.	225.3	-60.9	51.7	51.7	-90.0	1.	0.0001	0.0001	0.3698	265.0	3.9
10078.	223.3	-60.8	52.7	52.7	-89.9	1.	0.0001	0.0001	0.3663	266.0	4.0
10138.	221.5	-60.7	53.6	53.6	-89.8	1.	0.0001	0.0001	0.3632	268.0	4.2
10176.	219.8	-60.8	54.2	54.2	-89.9	1.	0.0001	0.0001	0.3606	268.0	4.4
10224.	218.1	-60.8	54.9	54.9	-89.9	1.	0.0001	0.0001	0.3578	270.0	4.7
10270.	216.5	-60.7	55.7	55.7	-89.8	1.	0.0001	0.0001	0.3550	270.0	4.9
10316.	214.9	-60.6	56.6	56.6	-89.6	1.	0.0001	0.0001	0.3522	270.0	5.2
10365.	213.2	-60.6	57.4	57.4	-89.8	1.	0.0001	0.0001	0.3494	271.0	5.4
10412.	211.6	-60.6	58.1	58.1	-89.8	1.	0.0001	0.0001	0.3468	272.0	5.7
10462.	209.9	-60.6	59.0	59.0	-89.7	1.	0.0001	0.0001	0.3439	272.0	6.0
10506.	208.4	-60.5	59.7	59.7	-89.7	1.	0.0001	0.0001	0.3414	273.0	6.3
10554.	206.8	-60.5	60.4	60.4	-89.7	1.	0.0001	0.0001	0.3388	274.0	6.6
10603.	205.2	-60.5	61.1	61.1	-89.7	1.	0.0001	0.0001	0.3362	276.0	6.8
10654.	203.5	-60.5	61.9	61.9	-89.7	1.	0.0001	0.0001	0.3334	276.0	7.1
10706.	202.0	-60.4	62.8	62.8	-89.6	1.	0.0001	0.0001	0.3308	277.0	7.3
10747.	200.5	-60.2	63.6	63.8	-89.5	1.	0.0001	0.0001	0.3290	279.0	7.5
10797.	198.9	-60.1	64.8	64.8	-89.4	1.	0.0001	0.0001	0.3252	279.0	7.7
10847.	197.3	-60.1	65.5	65.5	-89.4	1.	0.0001	0.0001	0.3226	279.0	7.9
10898.	195.7	-60.2	66.2	66.2	-89.5	1.	0.0001	0.0001	0.3201	279.0	8.1
10949.	194.1	-60.4	66.7	66.7	-89.6	1.	0.0001	0.0001	0.3178	280.0	8.2
11000.	192.5	-60.5	67.3	67.3	-89.7	1.	0.0001	0.0001	0.3154	281.0	8.3
11055.	190.8	-60.6	68.0	68.0	-89.8	1.	0.0001	0.0001	0.3127	280.0	8.4
11098.	189.5	-60.7	68.5	68.5	-89.8	1.	0.0001	0.0001	0.3107	281.0	8.4
11147.	188.0	-60.7	69.3	69.3	-89.8	1.	0.0001	0.0001	0.3083	281.0	8.4
11194.	186.6	-60.6	70.2	70.2	-89.8	1.	0.0001	0.0001	0.3058	281.0	8.5
11244.	185.1	-60.4	71.3	71.3	-89.6	1.	0.0001	0.0001	0.3031	280.0	8.5
11291.	183.7	-60.4	72.0	72.0	-89.6	1.	0.0001	0.0001	0.3008	280.0	8.6
11339.	182.3	-60.4	72.8	72.8	-89.6	1.	0.0001	0.0001	0.2985	280.0	8.7
11390.	180.8	-60.4	73.6	73.6	-89.6	1.	0.0001	0.0001	0.2960	279.0	8.6
11438.	179.4	-60.5	74.2	74.2	-89.7	1.	0.0001	0.0001	0.2939	278.0	9.0
11487.	178.0	-60.5	75.0	75.0	-89.7	1.	0.0001	0.0001	0.2916	278.0	9.1
11536.	176.6	-60.6	75.6	75.6	-89.8	1.	0.0001	0.0001	0.2894	278.0	9.3
11586.	175.2	-60.6	76.4	76.4	-89.8	1.	0.0001	0.0001	0.2871	277.0	9.3
11635.	173.8	-60.6	77.2	77.2	-89.8	1.	0.0001	0.0001	0.2849	277.0	9.5
11686.	172.4	-60.5	78.2	78.2	-89.7	1.	0.0001	0.0001	0.2824	277.0	9.7
11733.	171.1	-60.5	78.9	78.9	-89.7	1.	0.0001	0.0001	0.2803	276.0	9.6
11786.	169.8	-60.6	79.6	79.6	-89.8	1.	0.0001	0.0001	0.2763	277.0	10.1
11828.	168.5	-60.6	80.3	80.3	-89.8	1.	0.0001	0.0001	0.2762	277.0	10.3
11872.	167.3	-60.7	80.9	80.9	-89.8	1.	0.0001	0.0001	0.2743	277.0	10.5
11917.	166.1	-60.8	81.4	81.4	-89.9	1.	0.0001	0.0001	0.2725	277.0	10.8
11966.	164.8	-60.8	82.2	82.2	-89.9	1.	0.0001	0.0001	0.2704	278.0	11.1
12011.	163.6	-60.8	83.0	83.0	-89.9	1.	0.0001	0.0001	0.2684	279.0	11.3
12053.	162.5	-60.9	83.5	83.5	-90.0	1.	0.0001	0.0001	0.2667	279.0	11.5
12099.	161.3	-60.9	84.3	84.3	-90.0	1.	0.0001	0.0001	0.2647	281.0	11.8
12145.	160.1	-60.8	85.2	85.2	-89.9	1.	0.0001	0.0001	0.2626	282.0	12.0
12196.	158.8	-60.7	86.2	86.2	-89.6	1.	0.0001	0.0001	0.2604	283.0	12.2
12243.	157.6	-60.6	87.1	87.1	-89.8	1.	0.0001	0.0001	0.2583	284.0	12.5
12291.	156.4	-60.5	88.1	88.1	-89.7	1.	0.0001	0.0001	0.2562	286.0	12.6
12342.	155.1	-60.5	89.0	89.0	-89.7	1.	0.0001	0.0001	0.2541	287.0	12.8
12391.	153.9	-60.4	89.9	89.9	-89.6	1.	0.0001	0.0001	0.2520	287.0	13.0
12439.	152.7	-60.2	91.1	91.1	-89.5	1.	0.0001	0.0001	0.2498	288.0	13.2
12489.	151.5	-59.9	92.4	92.4	-89.2	1.	0.0001	0.0001	0.2475	290.0	13.4
12542.	150.2	-59.8	93.5	93.5	-89.2	1.	0.0001	0.0001	0.2452	291.0	13.6
12592.	149.0	-59.7	94.5	94.5	-89.1	1.	0.0001	0.0001	0.2432	291.0	13.7
12643.	147.8	-59.7	95.4	95.4	-89.1	1.	0.0001	0.0001	0.2412	292.0	13.9
12694.	146.6	-59.7	96.2	96.2	-89.1	1.	0.0001	0.0001	0.2393	292.0	14.1
12741.	145.5	-59.9	96.7	96.7	-89.2	1.	0.0001	0.0001	0.2377	293.0	14.3
12788.	144.4	-60.0	97.3	97.3	-89.3	1.	0.0001	0.0001	0.2360	293.0	14.5
12831.	143.4	-60.1	97.9	97.9	-89.4	1.	0.0001	0.0001	0.2345	293.0	14.6
12875.	142.4	-60.1	98.6	98.6	-89.4	1.	0.0001	0.0001	0.2328	293.0	14.8
12923.	141.3	-60.1	99.4	99.4	-89.4	1.	0.0001	0.0001	0.2310	293.0	15.0
12972.	140.2	-60.0	100.4	100.4	-89.3	1.	0.0001	0.0001	0.2291	292.0	15.1
13025.	139.0	-60.0	101.4	101.4	-89.3	1.	0.0001	0.0001	0.2272	292.0	15.2
13070.	138.0	-60.0	102.1	102.1	-89.3	1.	0.0001	0.0001	0.2255	292.0	15.4
13120.	136.9	-59.9	103.2	103.2	-89.2	1.	0.0001	0.0001	0.2236	291.0	15.5
13170.	135.8	-60.0	103.9	103.9	-89.3	1.	0.0001	0.0001	0.2219	290.0	15.8
13217.	134.8	-60.0	104.7	104.7	-89.3	1.	0.0001	0.0001	0.2203	289.0	15.9
13268.	133.9	-59.9	105.6	105.6	-89.2	1.	0.0001	0.0001	0.2187	289.0	16.2
13305.	132.9	-59.8	106.5	106.5	-89.2	1.	0.0001	0.0001	0.2170	289.0	16.4
13357.	131.8	-59.6	107.8	107.8	-89.0	1.	0.0001	0.0001	0.2150	288.0	16.7
13404.	130.8	-59.6	108.6	108.6	-89.0	1.	0.0001	0.0001	0.2134	287.0	16.8
13452.	129.8	-59.5	109.6	109.6	-88.9	1.	0.0001	0.0001	0.2116	287.0	17.1
13505.	128.7	-59.4	110.6	110.8	-66.9	1.	0.0001	0.0001	0.2097	286.0	17.4
13549.	127.8	-59.3	111.7	111.7	-88.8	1.	0.0001	0.0001	0.2082	286.0	17.6
13598.	126.8	-59.3	112.6	112.6	-88.8	1.	0.0001	0.0001	0.2066	286.0	17.8
13643.	125.9	-59.3	113.4	113.4	-86.8	1.	0.0001	0.0001	0.2051	285.0	17.9
13698.	124.8	-59.3	114.3	114.3	-88.8	1.	0.0001	0.0001	0.2033	285.0	18.1
13748.	123.8	-59.2	115.4	115.4	-88.7	1.	0.0001	0.0001	0.2016	286.0	18.3
13804.	122.7	-59.0	116.8	116.8	-88.6	1.	0.0001	0.0001	0.1996	287.0	18.5
13855.	121.7	-58.9	117.9	117.9	-88.5	1.	0.0001	0.0001	0.1979	288.0	18.8
13907.	120.7	-58.9	118.8	118.8	-88.5	1.	0.0001	0.0001	0.1963	288.0	19.1
13954.	119.8	-58.9	119.6	119.6	-88.5	1.	0.0001	0.0001	0.1948	289.0	19.3
14006.	118.8	-58.6	120.7	120.7	-86.4	1.	0.0001	0.0001	0.1931	289.0	19.4
14054.	117.9	-58.8	121.6	121.6	-88.4	1.	0.0001	0.0001	0.1916	290.0	19.7
14107.	116.9	-58.7	122.7	122.7	-88.3	1.	0.0001	0.0002	0.1899	291.0	19.9
14156.	116.0	-58.4	124.2	124.2	-88.1	1.	0.0001	0.0002	0.1882	292.0	20.1
14205.	115.1	-58.2	125.4	125.4	-86.0	1.	0.0001	0.0002	0.1865	292.0	20.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14254.	114.2	-58.1	126.5	126.5	-87.9	1.	0.0001	0.0002	0.1850	294.0	21.0
14304.	113.3	-58.0	127.6	127.6	-87.8	1.	0.0001	0.0002	0.1834	294.0	21.3
14354.	112.4	-57.9	128.7	128.7	-87.8	1.	0.0001	0.0002	0.1819	295.0	21.6
14405.	111.5	-57.8	129.8	129.8	-87.7	1.	0.0001	0.0002	0.1804	295.0	21.9
14456.	110.6	-57.7	130.9	130.9	-87.6	1.	0.0001	0.0002	0.1788	295.0	22.2
14507.	109.7	-57.6	132.1	132.1	-87.5	1.	0.0001	0.0002	0.1773	296.0	22.4
14559.	108.8	-57.5	133.2	133.2	-87.5	1.	0.0002	0.0002	0.1758	296.0	22.6
14606.	108.0	-57.4	134.3	134.3	-87.4	1.	0.0002	0.0002	0.1744	296.0	22.8
14652.	107.2	-57.4	135.1	135.1	-87.4	1.	0.0002	0.0002	0.1731	296.0	23.0
14706.	106.3	-57.4	136.1	136.1	-87.4	1.	0.0002	0.0002	0.1716	297.0	23.2
14753.	105.5	-57.4	137.0	137.0	-87.4	1.	0.0002	0.0002	0.1703	296.0	23.4
14807.	104.6	-57.4	138.0	138.0	-87.4	1.	0.0002	0.0002	0.1689	296.0	23.6
14856.	103.8	-57.3	139.1	139.1	-87.3	1.	0.0002	0.0002	0.1675	296.0	23.7
14905.	103.0	-57.1	140.4	140.4	-87.2	1.	0.0002	0.0002	0.1661	296.0	23.9
14954.	102.2	-57.0	141.5	141.5	-87.1	1.	0.0002	0.0002	0.1647	296.0	24.3
14997.	101.5	-56.9	142.5	142.5	-87.0	1.	0.0002	0.0002	0.1635	296.0	24.5
15047.	100.7	-56.8	143.6	143.6	-86.9	1.	0.0002	0.0002	0.1621	296.0	24.7
15098.	99.9	-56.6	145.0	145.0	-86.8	1.	0.0002	0.0002	0.1607	296.0	25.0
15142.	99.2	-56.5	146.0	146.0	-86.7	1.	0.0002	0.0002	0.1595	296.0	25.3
15194.	98.4	-56.4	147.2	147.2	-86.6	1.	0.0002	0.0002	0.1581	296.0	25.7
15245.	97.6	-56.3	148.3	148.3	-86.6	1.	0.0002	0.0002	0.1568	296.0	26.1
15298.	96.8	-56.1	149.7	149.7	-86.4	1.	0.0002	0.0002	0.1554	295.0	26.4
15350.	96.0	-56.1	150.7	150.7	-86.4	1.	0.0002	0.0002	0.1541	296.0	27.0
15397.	95.3	-56.1	151.6	151.6	-86.4	1.	0.0002	0.0002	0.1530	295.0	27.2
15450.	94.5	-56.0	152.8	152.8	-86.3	1.	0.0002	0.0002	0.1516	295.0	27.7
15504.	93.7	-56.0	153.9	153.9	-86.3	1.	0.0002	0.0002	0.1503	296.0	28.4
15559.	92.9	-56.0	154.9	154.9	-86.3	1.	0.0002	0.0002	0.1490	295.0	28.6
15607.	92.2	-55.9	156.0	156.0	-86.3	1.	0.0002	0.0002	0.1478	295.0	29.0
15655.	91.5	-55.8	157.2	157.2	-86.2	1.	0.0002	0.0002	0.1467	295.0	29.4
15711.	90.7	-55.7	158.5	158.5	-86.1	1.	0.0002	0.0002	0.1453	295.0	29.8
15760.	90.0	-55.6	159.6	159.6	-86.0	1.	0.0002	0.0002	0.1441	295.0	30.1
15817.	89.2	-55.4	161.1	161.1	-85.9	1.	0.0002	0.0002	0.1427	294.0	30.4
15867.	88.5	-55.2	162.5	162.5	-85.8	1.	0.0002	0.0002	0.1415	294.0	30.6
15918.	87.8	-55.0	163.9	163.9	-85.6	1.	0.0002	0.0002	0.1402	294.0	30.9
15961.	87.2	-54.8	165.1	165.1	-85.5	1.	0.0002	0.0002	0.1391	294.0	31.1
16013.	86.5	-54.7	166.4	166.4	-85.4	1.	0.0002	0.0003	0.1379	294.0	31.2
16065.	85.8	-54.6	167.6	167.6	-85.3	1.	0.0002	0.0003	0.1368	294.0	31.3
16117.	85.1	-54.5	168.8	168.8	-85.2	1.	0.0002	0.0003	0.1356	293.0	31.3
16170.	84.4	-54.6	169.7	169.7	-85.3	1.	0.0002	0.0003	0.1345	293.0	31.3
16223.	83.7	-54.7	170.5	170.5	-85.4	1.	0.0002	0.0003	0.1335	293.0	31.4
16269.	83.1	-54.8	171.2	171.2	-85.5	1.	0.0002	0.0002	0.1326	293.0	31.4
16323.	82.4	-54.8	172.3	172.3	-85.5	1.	0.0002	0.0002	0.1315	293.0	31.5
16370.	81.6	-54.8	173.2	173.2	-85.5	1.	0.0002	0.0002	0.1305	293.0	31.5
16417.	81.2	-54.8	174.2	174.2	-85.5	1.	0.0002	0.0002	0.1295	293.0	31.5
16472.	80.5	-54.9	175.1	175.1	-85.5	1.	0.0002	0.0002	0.1285	293.0	31.6
16528.	79.8	-55.0	176.0	176.0	-85.6	1.	0.0002	0.0002	0.1274	293.0	31.7
16576.	79.2	-54.9	177.1	177.1	-85.5	1.	0.0002	0.0002	0.1264	293.0	31.6
16624.	78.6	-54.7	178.5	178.5	-85.4	1.	0.0003	0.0003	0.1253	293.0	31.7
16675.	78.0	-54.4	180.2	180.2	-85.2	1.	0.0003	0.0003	0.1242	294.0	31.7
16731.	77.3	-54.2	181.7	181.7	-85.1	1.	0.0003	0.0003	0.1230	294.0	31.7
16781.	76.7	-54.0	183.2	183.2	-84.9	1.	0.0003	0.0003	0.1219	294.0	31.7
16831.	76.1	-53.8	184.6	184.6	-84.7	1.	0.0003	0.0003	0.1209	294.0	31.7
16882.	75.5	-53.8	185.6	185.6	-84.7	1.	0.0003	0.0003	0.1199	295.0	31.7
16942.	74.8	-53.8	186.9	186.9	-84.7	1.	0.0003	0.0003	0.1188	295.0	31.8
16993.	74.2	-53.8	188.0	188.0	-84.7	1.	0.0003	0.0003	0.1176	295.0	31.8
17046.	73.6	-53.8	189.1	189.1	-84.7	1.	0.0003	0.0003	0.1164	295.0	31.9
17098.	73.0	-53.8	190.2	190.2	-84.7	1.	0.0003	0.0003	0.1151	296.0	32.0
17143.	72.5	-53.8	191.0	191.0	-84.7	1.	0.0003	0.0003	0.1144	296.0	32.2
17196.	71.9	-53.8	192.1	192.1	-84.7	1.	0.0003	0.0003	0.1135	296.0	32.4
17250.	71.3	-53.8	193.1	193.1	-84.7	1.	0.0003	0.0003	0.1125	297.0	32.7
17305.	70.7	-53.8	194.2	194.2	-84.7	1.	0.0003	0.0003	0.1115	297.0	33.0
17360.	70.1	-53.8	195.2	195.2	-84.6	1.	0.0003	0.0003	0.1106	297.0	33.4
17415.	69.5	-53.8	196.3	196.3	-84.6	1.	0.0003	0.0003	0.1096	297.0	33.7
17468.	68.9	-53.8	197.3	197.3	-84.6	1.	0.0003	0.0003	0.1087	297.0	34.1
17518.	68.4	-53.8	198.2	198.2	-84.6	1.	0.0003	0.0003	0.1079	297.0	34.4
17568.	67.9	-53.8	199.2	199.2	-84.7	1.	0.0003	0.0003	0.1072	297.0	34.8
17623.	67.3	-53.8	200.3	200.3	-84.7	1.	0.0003	0.0003	0.1062	296.0	35.3
17671.	66.8	-53.8	201.3	201.3	-84.7	1.	0.0003	0.0003	0.1054	297.0	35.8
17729.	66.2	-53.8	202.4	202.4	-84.7	1.	0.0003	0.0003	0.1044	297.0	36.3
17778.	65.6	-53.8	203.4	203.4	-84.7	1.	0.0003	0.0003	0.1034	297.0	36.7
17836.	65.1	-53.8	204.5	204.5	-84.8	1.	0.0003	0.0003	0.1026	297.0	37.1
17898.	64.5	-53.8	205.7	205.7	-84.8	1.	0.0004	0.0004	0.1016	297.0	37.4
17948.	64.0	-53.8	206.6	206.6	-84.8	1.	0.0004	0.0004	0.1008	297.0	37.7
18005.	63.4	-53.8	207.7	207.7	-84.8	1.	0.0004	0.0004	0.0998	297.0	38.1
18060.	62.9	-53.8	208.7	208.7	-84.8	1.	0.0004	0.0004	0.0989	297.0	38.4
18112.	62.4	-53.8	209.7	209.7	-84.8	1.	0.0004	0.0004	0.0980	297.0	38.7
18164.	61.9	-53.8	210.7	210.7	-84.8	1.	0.0004	0.0004	0.0972	297.0	39.1
18217.	61.4	-53.8	211.8	211.8	-84.8	1.	0.0004	0.0004	0.0964	297.0	39.4
18270.	60.9	-53.8	212.8	212.8	-84.8	1.	0.0004	0.0004	0.0956	297.0	39.7
18323.	60.4	-53.8	213.8	213.8	-84.8	1.	0.0004	0.0004	0.0948	298.0	40.1
18378.	59.8	-53.8	214.9	214.9	-84.8	1.	0.0004	0.0004	0.0938	298.0	40.4
18442.	59.3	-53.8	216.1	216.1	-84.8	1.	0.0004	0.0004	0.0930	297.0	40.8
18497.	58.8	-53.8	217.1	217.1	-84.8	1.	0.0004	0.0004	0.0922	297.0	41.1
18540.	58.4	-53.8	218.0	218.0	-84.8	1.	0.0004	0.0004	0.0916	297.0	41.4
18596.	57.9	-53.8	219.0	219.0	-84.8	1.	0.0004	0.0004	0.0907	296.0	41.8
18654.	57.4	-53.8	220.2	220.2	-84.8	1.	0.0004	0.0004	0.0898	296.0	42.1
18711.	56.9	-53.8	221.2	221.2	-84.8	1.	0.0004	0.0004	0.0890	296.0	42.5
18766.	56.4	-53.8	222.3	222.3	-84.8	1.	0.0004	0.0004	0.0882	296.0	42.8
18826.	55.9	-53.8	223.4	223.4	-84.8	1.	0.0004	0.0004	0.0873	296.0	43.2
18873.	55.5	-53.9	224.3	224.3	-84.8	1.	0.0004	0.0004	0.0866	296.0	43.5
18932.	55.0	-53.9	225.4	225.4	-84.8	1.	0.0004	0.0004	0.0858	296.0	43.8
18990.	54.5	-53.9	226.5	226.5	-84.8	1.	0.0005	0.0005	0.0852	296.0	44.2
19046.	54.1	-53.9	227.6	227.6	-84.8	1.	0.0005	0.0005	0.0843	296.0	44.5
19089.	53.7	-53.9	228.4	228.4	-84.8	1.	0.0005	0.0005	0.0837	296.0	44.8
19150.	53.2	-53.9	229.5	229.5	-84.8	1.	0.0005	0.0005	0.0830	296.0	45.2
19211.	52.7	-53.9	230.6	230.6	-84.8	1.	0.0005	0.0005	0.0822	296.0	45.5
19261.	52.3	-53.9	231.5	231.5	-84.8	1.	0.0005	0.0005	0.0815	297.0	45.8
19324.	51.8	-53.9	232.7	232.7	-84.8	1.	0.0005	0.0005	0.0807	297.0	46.2
19374.	51.4	-53.9	233.7	233.7	-84.8	1.	0.0005	0.0005	0.0801	297.0	46.5
19436.	50.9	-53.9	234.8	234.8	-84.8	1.	0.0005	0.0005	0.0793	297.0	46.8
19490.	50.5	-53.9	235.8	235.8	-84.8	1.	0.0005	0.0005	0.0787	297.0	47.2
19542.	50.1	-53.9	236.8	236.8	-84.8	1.	0.0005	0.0005	0.0781	297.0	47.5
19607.	49.6	-53.9	238.0	238.0	-84.8	1.	0.0005	0.0005	0.0773	297.0	47.8
19660.	49.2	-53.9	239.0	239.0	-84.8	1.	0.0005	0.0005	0.0766	297.0	48.2
19727.	48.7	-53.9	240.3	240.3	-84.8	1.	0.0005	0.0005	0.0758	297.0	48.5
19781.	48.3	-53.9	241.3	241.3	-84.8	1.	0.0005	0.0005	0.0751	297.0	48.8
19842.	47.8	-53.9	242.4	242.4	-84.8	1.	0.0005	0.0005	0.0744	297.0	49.2
19896.	47.5	-53.9	243.4	243.4	-84.8	1.	0.0005	0.0005	0.0741	296.0	49.5
19945.	47.1	-53.9	244.3	244.3	-84.8	1.	0.0005	0.0005	0.0735	296.0	49.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
20015.	46.6	-49.6	263.0	263.0	-81.8	1.	0.0004	0.0005	0.0727	296.0	48.7
20071.	46.2	-49.7	264.6	264.6	-81.7	1.	0.0004	0.0005	0.0720	296.0	49.1
20128.	45.8	-49.5	266.4	266.4	-81.6	1.	0.0004	0.0005	0.0713	296.0	49.3
20186.	45.4	-49.2	268.5	268.5	-81.3	1.	0.0004	0.0005	0.0706	296.0	49.7
20244.	45.0	-49.0	270.4	270.4	-81.2	1.	0.0004	0.0005	0.0699	296.0	50.0
20302.	44.6	-48.7	272.5	272.5	-81.0	1.	0.0005	0.0005	0.0692	296.0	50.3
20361.	44.2	-48.5	274.4	274.4	-80.8	1.	0.0005	0.0005	0.0685	297.0	50.6
20406.	43.9	-48.4	275.7	275.7	-80.8	1.	0.0005	0.0005	0.0680	297.0	50.8
20466.	43.5	-48.4	277.1	277.1	-80.8	1.	0.0005	0.0005	0.0674	297.0	51.0
20527.	43.1	-48.5	278.3	278.3	-80.8	1.	0.0005	0.0005	0.0668	297.0	51.2
20588.	42.7	-48.5	279.6	279.8	-80.8	1.	0.0005	0.0005	0.0662	297.0	51.4
20650.	42.3	-48.5	281.3	281.3	-80.8	1.	0.0005	0.0005	0.0656	297.0	51.6
20712.	41.9	-48.5	282.8	282.8	-80.8	1.	0.0005	0.0005	0.0650	297.0	51.9
20775.	41.5	-48.4	284.6	284.6	-80.8	1.	0.0005	0.0005	0.0643	297.0	52.0
20839.	41.1	-48.4	286.1	286.1	-80.8	1.	0.0005	0.0005	0.0637	298.0	52.1
20887.	40.8	-48.5	287.0	287.0	-80.8	1.	0.0005	0.0005	0.0633	297.0	51.6
20952.	40.4	-48.6	288.4	288.4	-80.9	1.	0.0005	0.0005	0.0627	297.0	51.5
21017.	40.0	-48.6	290.0	290.0	-80.9	1.	0.0005	0.0005	0.0621	297.0	50.9
21066.	39.7	-48.5	291.4	291.4	-80.8	1.	0.0005	0.0005	0.0616	297.0	50.5
21133.	39.3	-48.5	293.1	293.1	-80.8	1.	0.0005	0.0005	0.0609	297.0	50.0
21183.	39.0	-48.4	294.6	294.6	-80.8	1.	0.0005	0.0005	0.0605	297.0	49.1
21234.	38.7	-48.3	296.1	296.1	-80.7	1.	0.0005	0.0005	0.0600	297.0	48.8
21302.	38.3	-48.2	298.0	298.0	-80.6	1.	0.0005	0.0006	0.0593	297.0	48.8
21354.	38.0	-48.0	299.8	299.8	-80.5	1.	0.0005	0.0006	0.0588	297.0	47.2
21406.	37.7	-47.9	301.3	301.4	-80.4	1.	0.0005	0.0006	0.0583	99.9	99.9

SOUNDING 24.0
LATITUDE -61.3 LONGITUDE 2.9
DATE 10-27-81 TIME 1150 GMT
NUMBER OF LEVELS 329

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	961.8	-7.8	-4.8	-4.5	-9.5	86.	2.7242	2.2390	1.2649	180.0	12.0
55.	955.0	-8.5	-5.0	-4.7	-9.9	88.	2.6218	2.1584	1.2592	180.0	12.0
107.	948.6	-9.1	-5.1	-4.8	-10.3	90.	2.5435	2.0966	1.2536	182.0	12.3
158.	942.4	-9.6	-5.1	-4.8	-10.5	92.	2.4876	2.0525	1.2477	184.0	12.5
208.	936.3	-10.1	-5.1	-4.8	-10.8	94.	2.4314	2.0081	1.2420	185.0	12.7
258.	930.2	-10.6	-5.1	-4.9	-11.2	95.	2.3502	1.9439	1.2362	186.0	12.5
310.	923.9	-11.1	-5.1	-4.9	-11.8	94.	2.2238	1.8437	1.2300	187.0	12.3
365.	917.3	-11.6	-5.1	-4.8	-12.6	90.	2.0558	1.6941	1.2235	188.0	12.0
419.	910.8	-12.1	-5.0	-4.8	-14.0	84.	1.8164	1.5188	1.2169	186.0	11.8
473.	904.4	-12.6	-5.0	-4.8	-15.0	80.	1.6534	1.3885	1.2106	188.0	11.5
525.	898.3	-12.9	-4.8	-4.6	-15.7	77.	1.5487	1.3037	1.2037	189.0	11.1
575.	892.4	-13.3	-4.7	-4.5	-16.4	75.	1.4545	1.2276	1.1976	190.0	10.8
626.	886.4	-13.7	-4.6	-4.4	-17.0	74.	1.3837	1.1703	1.1913	190.0	10.5
675.	880.7	-14.1	-4.5	-4.4	-17.5	73.	1.3159	1.1153	1.1854	190.0	10.3
725.	874.9	-14.0	-3.9	-3.8	-17.2	74.	1.3462	1.1399	1.1772	190.0	10.2
773.	869.4	-14.1	-3.5	-3.4	-17.2	75.	1.3516	1.1445	1.1703	191.0	10.0
823.	863.7	-14.3	-3.2	-3.1	-17.3	76.	1.3450	1.1389	1.1635	192.0	9.8
876.	857.7	-15.5	-1.6	-1.7	-16.6	75.	1.4281	1.2062	1.1519	192.0	9.8
926.	852.8	-12.7	-0.5	-0.3	-15.8	75.	1.5357	1.2932	1.1406	194.0	9.7
981.	846.9	-11.9	0.9	1.1	-15.1	75.	1.6508	1.3859	1.1293	194.0	9.7
1033.	841.2	-11.2	2.2	2.4	-14.4	75.	1.7579	1.4719	1.1188	195.0	9.7
1083.	835.7	-10.4	3.5	3.6	-13.6	75.	1.8681	1.5762	1.1082	195.0	9.7
1137.	829.9	-10.4	4.1	4.3	-13.6	75.	1.8860	1.5761	1.1006	195.0	9.8
1189.	824.3	-10.5	4.5	4.7	-13.7	75.	1.8712	1.5627	1.0935	196.0	9.9
1242.	818.8	-10.6	4.9	5.2	-13.8	75.	1.8546	1.5494	1.0866	195.0	10.0
1295.	813.0	-10.7	5.4	5.6	-13.9	75.	1.8381	1.5362	1.0793	196.0	10.1
1350.	807.2	-10.9	5.7	6.0	-14.1	75.	1.8055	1.5101	1.0724	196.0	10.5
1402.	801.7	-10.9	6.3	6.5	-14.1	75.	1.8054	1.5100	1.0653	196.0	10.9
1457.	796.1	-11.1	6.6	6.9	-14.3	75.	1.7734	1.4843	1.0585	196.0	11.3
1515.	789.1	-11.2	7.1	7.4	-14.4	75.	1.7575	1.4716	1.0509	196.0	11.7
1566.	783.6	-11.2	7.7	7.9	-14.4	75.	1.7575	1.4716	1.0438	196.0	12.0
1621.	777.2	-11.1	8.4	8.6	-14.3	75.	1.7753	1.4842	1.0360	196.0	12.3
1673.	771.8	-11.2	8.8	9.1	-14.4	75.	1.7574	1.4715	1.0292	196.0	12.7
1727.	766.5	-11.4	9.1	9.4	-14.6	75.	1.7261	1.4454	1.0229	197.0	13.0
1774.	761.2	-11.6	9.5	9.8	-14.8	75.	1.6954	1.4217	1.0161	197.0	13.5
1844.	754.9	-11.7	10.1	10.3	-14.9	75.	1.6802	1.4095	1.0086	198.0	13.7
1904.	750.0	-11.7	10.7	10.8	-14.9	75.	1.6851	1.4095	1.0007	198.0	14.0
1963.	744.2	-11.7	11.3	11.6	-14.9	75.	1.6821	1.4094	0.9930	199.0	14.1
2021.	738.6	-11.6	11.8	12.1	-15.0	75.	1.6655	1.3973	0.9859	201.0	14.2
2081.	732.9	-11.9	12.3	12.6	-15.1	75.	1.6500	1.3853	0.9787	201.0	14.2
2137.	727.5	-12.5	12.8	13.1	-15.2	75.	1.6352	1.3733	0.9718	203.0	14.3
2196.	721.8	-12.2	13.2	13.5	-15.2	75.	1.6259	1.3498	0.9652	203.0	14.4
2254.	716.4	-12.4	13.7	14.0	-15.5	75.	1.5771	1.3266	0.9584	204.0	14.4
2314.	710.8	-12.6	14.1	14.4	-15.7	75.	1.5488	1.3037	0.9517	205.0	14.4
2372.	705.4	-12.8	14.4	14.6	-16.0	75.	1.5072	1.2702	0.9455	206.0	14.4
2427.	700.1	-13.4	14.4	14.7	-16.5	75.	1.4402	1.2160	0.9401	206.0	14.4
2487.	694.8	-13.8	14.8	14.8	-16.9	75.	1.4095	1.1742	0.9344	207.0	14.4
2544.	689.8	-14.2	14.8	15.0	-17.3	75.	1.3886	1.1336	0.9288	207.0	14.3
2604.	684.2	-14.6	15.2	15.2	-17.7	75.	1.3703	1.0944	0.9230	208.0	14.2
2662.	678.7	-15.1	15.4	15.4	-18.1	75.	1.3436	1.0564	0.9172	208.0	14.2
2721.	673.6	-15.4	15.4	15.6	-18.5	75.	1.1894	1.0196	0.9114	209.0	14.1
2781.	668.3	-15.8	15.6	15.8	-18.9	75.	1.1548	0.9843	0.9056	208.0	14.1
2842.	662.9	-16.3	15.7	15.9	-19.4	75.	1.1223	0.9511	0.9000	208.0	14.0
2903.	657.5	-16.7	15.9	16.1	-19.7	75.	1.0918	0.9208	0.8941	208.0	13.9
2967.	652.3	-17.2	16.2	16.2	-20.2	75.	1.0633	0.8881	0.8887	208.0	13.7
3027.	647.2	-17.6	16.5	16.4	-20.6	75.	1.0356	0.8633	0.8831	208.0	13.6
3081.	642.1	-17.7	16.7	16.7	-20.8	75.	1.0084	0.8404	0.8771	208.0	13.5
3142.	637.0	-18.2	16.9	17.0	-21.2	75.	0.9821	0.8191	0.8712	208.0	13.4
3201.	631.8	-18.5	17.2	17.2	-21.5	75.	0.9563	0.7977	0.8651	208.0	13.2
3259.	626.8	-18.8	17.5	17.7	-21.8	75.	0.9311	0.7769	0.8588	208.0	13.1
3321.	621.7	-19.1	17.8	18.0	-22.1	75.	0.9065	0.7566	0.8532	207.0	12.9
3384.	616.6	-19.4	18.2	18.4	-22.4	75.	0.8825	0.7368	0.8475	207.0	12.7
3434.	612.3	-19.7	18.4	18.6	-22.7	75.	0.8590	0.7174	0.8423	207.0	12.7
3497.	607.2	-19.9	18.7	18.9	-22.9	75.	0.8362	0.6984	0.8367	207.0	12.5
3549.	602.9	-20.2	19.1	19.2	-23.2	75.	0.8139	0.6804	0.8313	207.0	12.3
3608.	598.1	-20.7	19.4	19.4	-23.6	75.	0.7921	0.6626	0.8263	207.0	12.2
3669.	593.2	-21.2	19.7	19.8	-24.1	75.	0.7708	0.6453	0.8208	207.0	12.1
3720.	589.4	-21.4	19.9	20.0	-24.4	75.	0.7577	0.6342	0.8161	207.0	11.9
3780.	584.8	-21.7	20.1	20.3	-24.7	75.	0.7401	0.6193	0.8110	207.0	11.7
3850.	579.7	-22.1	20.4	20.6	-25.0	75.	0.7230	0.6049	0.8055	207.0	11.6
3911.	575.4	-22.4	20.6	20.8	-25.3	75.	0.7077	0.5923	0.8002	207.0	11.5
3980.	570.5	-22.7	20.8	21.0	-25.6	75.	0.6927	0.5798	0.7952	207.0	11.4
4022.	567.5	-22.9	20.9	21.1	-25.8	75.	0.6829	0.5716	0.7920	207.0	11.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
4084.	560.5	-24.0	20.2	20.3	-27.4	75.	0.5102	0.4411	0.7857	210.0	11.2
4143.	555.0	-24.4	20.2	20.4	-27.8	75.	0.4766	0.4205	0.7808	211.0	11.1
4204.	549.3	-24.4	20.5	20.6	-28.2	75.	0.4573	0.4046	0.7756	212.0	11.1
4263.	543.8	-25.7	20.8	21.0	-28.5	75.	0.4456	0.3931	0.7702	212.0	11.1
4319.	538.6	-26.0	21.2	21.2	-28.8	75.	0.4336	0.3819	0.7652	212.0	11.0
4375.	533.4	-26.5	21.3	21.3	-29.3	75.	0.4094	0.3638	0.7608	213.0	11.0
4431.	528.2	-27.1	21.2	21.2	-29.9	75.	0.3852	0.3432	0.7567	213.0	10.9
4491.	522.8	-27.7	21.1	21.1	-30.5	75.	0.3624	0.3236	0.7523	214.0	10.9
4553.	517.2	-28.2	21.2	21.2	-31.0	75.	0.3443	0.3081	0.7472	214.0	10.9
4616.	511.6	-28.7	21.4	21.5	-31.5	75.	0.3271	0.2932	0.7422	214.0	10.8
4678.	506.1	-29.2	21.5	21.6	-32.0	75.	0.3106	0.2791	0.7373	215.0	10.8
4734.	501.1	-29.7	21.6	21.7	-32.4	75.	0.2965	0.2655	0.7325	215.0	10.7
4801.	495.3	-30.1	21.9	22.0	-32.8	75.	0.2829	0.2551	0.7274	215.0	10.7
4858.	490.3	-30.4	22.1	22.1	-33.2	75.	0.2714	0.2461	0.7227	216.0	10.7
4915.	485.3	-30.8	22.2	22.3	-33.6	75.	0.2603	0.2354	0.7181	216.0	10.6
4976.	480.1	-31.4	22.4	22.4	-34.1	75.	0.2486	0.2238	0.7134	216.0	10.5
5039.	474.8	-31.9	22.5	22.6	-34.6	75.	0.2343	0.2126	0.7085	216.0	10.5
5101.	469.6	-32.4	22.7	22.7	-35.1	75.	0.2222	0.2022	0.7037	215.0	10.4
5162.	464.6	-32.9	22.9	23.0	-35.6	75.	0.2129	0.1941	0.6988	216.0	10.3
5224.	459.6	-33.4	23.2	23.2	-36.0	75.	0.2041	0.1863	0.6939	217.0	10.3
5285.	454.8	-33.7	23.3	23.3	-36.4	75.	0.1944	0.1770	0.6892	217.0	10.3
5348.	449.9	-34.2	23.5	23.6	-36.8	75.	0.1833	0.1680	0.6845	217.0	10.1
5406.	445.5	-34.6	23.6	23.7	-37.2	75.	0.1755	0.1612	0.6799	218.0	10.1
5469.	441.3	-35.1	23.8	23.8	-37.6	75.	0.1667	0.1499	0.6758	218.0	10.0
5534.	437.0	-35.7	24.0	24.1	-38.5	75.	0.1534	0.1407	0.6712	219.0	9.9
5594.	433.1	-36.2	24.2	24.2	-39.1	75.	0.1427	0.1321	0.6671	219.0	9.8
5655.	429.1	-36.7	24.3	24.3	-39.6	75.	0.1351	0.1253	0.6626	220.0	9.8
5712.	425.4	-37.4	24.4	24.5	-40.0	75.	0.1292	0.1201	0.6583	220.0	9.8
5774.	421.5	-37.9	24.5	24.6	-40.5	75.	0.1222	0.1138	0.6539	220.0	9.8
5833.	417.8	-38.4	24.7	24.7	-41.0	75.	0.1143	0.1067	0.6498	219.0	9.8
5893.	414.2	-38.9	24.8	24.8	-41.6	75.	0.1069	0.1001	0.6458	219.0	9.8
5950.	410.9	-39.4	24.9	24.9	-42.2	75.	0.0999	0.0938	0.6416	219.0	9.9
6019.	407.0	-40.0	25.0	25.1	-42.7	75.	0.0944	0.0888	0.6370	218.0	9.9
6083.	403.4	-40.7	25.2	25.3	-43.2	75.	0.0892	0.0841	0.6324	218.0	9.9
6149.	399.8	-41.2	25.4	25.5	-43.7	75.	0.0843	0.0796	0.6276	218.0	10.0
6211.	396.5	-41.8	25.5	25.5	-44.3	75.	0.0797	0.0745	0.6235	219.0	10.0
6273.	393.2	-42.4	25.6	25.6	-44.9	75.	0.0754	0.0697	0.6193	218.0	10.1
6338.	389.8	-43.0	25.8	25.8	-45.5	75.	0.0685	0.0652	0.6150	218.0	10.0
6398.	386.8	-43.6	25.9	25.9	-45.9	75.	0.0647	0.0615	0.6108	218.0	10.0
6464.	383.7	-44.1	26.1	26.1	-46.5	75.	0.0602	0.0576	0.6064	218.0	10.1
6525.	380.9	-44.7	26.2	26.2	-47.1	75.	0.0561	0.0538	0.6025	218.0	10.1
6586.	378.1	-45.2	26.3	26.3	-47.6	75.	0.0529	0.0508	0.5984	218.0	10.1
6646.	375.4	-45.8	26.4	26.4	-48.2	75.	0.0493	0.0475	0.5946	219.0	10.1
6708.	372.6	-46.4	26.5	26.5	-48.8	75.	0.0459	0.0443	0.5906	219.0	10.1
6768.	369.9	-46.9	26.7	26.7	-49.3	75.	0.0432	0.0418	0.5865	220.0	10.0
6824.	367.7	-47.4	26.8	26.8	-49.8	75.	0.0407	0.0394	0.5829	220.0	10.0
6882.	365.4	-47.8	26.9	26.9	-50.1	75.	0.0387	0.0376	0.5788	220.0	10.0
6942.	363.0	-48.3	27.0	27.0	-50.6	75.	0.0365	0.0355	0.5748	220.0	10.0
6999.	360.8	-48.8	27.1	27.1	-51.2	75.	0.0343	0.0331	0.5714	221.0	9.9
7056.	358.6	-49.4	27.3	27.3	-51.7	75.	0.0319	0.0312	0.5677	221.0	9.8
7117.	356.2	-50.0	27.5	27.5	-52.3	75.	0.0296	0.0290	0.5639	221.0	9.7
7175.	353.8	-50.5	27.6	27.6	-52.8	75.	0.0278	0.0274	0.5602	221.0	9.7
7234.	351.5	-51.0	27.8	27.8	-53.3	75.	0.0261	0.0258	0.5559	221.0	9.6
7302.	349.1	-51.5	27.9	27.9	-53.8	75.	0.0246	0.0243	0.5518	221.0	9.6
7365.	347.7	-52.0	28.0	28.0	-54.3	75.	0.0231	0.0228	0.5477	221.0	9.5
7424.	344.5	-52.5	28.2	28.2	-54.9	75.	0.0214	0.0212	0.5442	220.0	9.4
7484.	341.3	-53.2	28.3	28.3	-55.4	75.	0.0198	0.0197	0.5406	220.0	9.5
7543.	338.2	-53.7	28.5	28.5	-55.9	75.	0.0186	0.0185	0.5369	220.0	9.5
7600.	335.2	-54.1	28.7	28.7	-56.3	75.	0.0177	0.0177	0.5331	219.0	9.6
7661.	332.0	-54.6	28.8	28.8	-56.8	75.	0.0166	0.0166	0.5292	219.0	9.6
7723.	328.8	-55.1	28.9	28.9	-57.3	75.	0.0155	0.0156	0.5253	219.0	9.6
7786.	325.6	-55.7	29.0	29.0	-57.9	75.	0.0144	0.0145	0.5216	218.0	9.6
7848.	322.4	-56.3	29.2	29.2	-58.5	75.	0.0133	0.0134	0.5179	218.0	9.5
7913.	319.1	-56.8	29.3	29.3	-59.1	75.	0.0123	0.0124	0.5141	217.0	9.4
7981.	315.7	-57.5	29.5	29.6	-59.7	75.	0.0113	0.0115	0.5103	216.0	9.4
8047.	312.4	-58.1	29.7	29.7	-60.2	75.	0.0105	0.0107	0.5061	214.0	9.5
8112.	309.2	-58.6	29.9	29.9	-60.7	75.	0.0098	0.0100	0.5021	213.0	9.4
8175.	306.1	-59.2	29.9	29.9	-61.3	75.	0.0090	0.0092	0.4984	212.0	9.3
8241.	302.9	-59.5	27.4	27.4	-61.6	75.	0.0087	0.0089	0.4939	211.0	9.3
8303.	299.9	-59.7	27.8	27.8	-61.6	75.	0.0085	0.0087	0.4895	210.0	9.1
8363.	297.0	-59.9	28.5	28.5	-62.0	75.	0.0082	0.0084	0.4852	209.0	8.9
8422.	294.2	-60.3	28.7	28.7	-62.4	75.	0.0078	0.0080	0.4815	207.0	8.7
8482.	291.4	-60.8	28.8	28.9	-62.9	75.	0.0073	0.0075	0.4780	206.0	8.5
8544.	288.5	-60.6	30.0	30.0	-62.7	75.	0.0075	0.0077	0.4728	205.0	8.3
8604.	285.7	-60.4	31.1	31.1	-62.5	75.	0.0077	0.0079	0.4678	205.0	8.1
8670.	282.7	-60.4	32.0	32.1	-62.5	75.	0.0077	0.0079	0.4629	202.0	7.8
8734.	279.8	-60.5	32.8	32.8	-62.6	75.	0.0076	0.0078	0.4584	202.0	7.5
8799.	276.9	-60.7	33.4	33.4	-62.8	75.	0.0074	0.0076	0.4540	201.0	7.2
8860.	274.2	-61.1	33.7	33.7	-63.2	75.	0.0070	0.0072	0.4505	200.0	6.9
8923.	271.4	-61.4	34.2	34.2	-63.5	75.	0.0067	0.0069	0.4465	199.0	6.7
8985.	268.7	-61.6	34.8	34.8	-63.7	75.	0.0065	0.0067	0.4425	199.0	6.4
9052.	265.8	-61.7	35.6	35.6	-63.8	75.	0.0064	0.0067	0.4379	200.0	6.2
9113.	263.2	-61.6	36.6	36.6	-63.7	75.	0.0065	0.0067	0.4334	201.0	6.0
9177.	260.5	-61.6	37.5	37.5	-63.7	75.	0.0065	0.0067	0.4290	201.0	5.8
9239.	257.9	-61.7	38.2	38.2	-63.8	75.	0.0064	0.0067	0.4249	203.0	5.6
9299.	255.4	-61.5	39.4	39.4	-63.6	75.	0.0066	0.0068	0.4204	206.0	5.6
9362.	252.9	-61.4	40.4	40.4	-63.5	75.	0.0067	0.0069	0.4161	208.0	5.5
9426.	250.2	-61.3	41.5	41.5	-63.4	75.	0.0068	0.0070	0.4114	209.0	5.5
9484.	247.9	-61.3	42.4	42.4	-63.4	75.	0.0068	0.0070	0.4076	212.0	5.6
9541.	245.6	-61.3	43.2	43.2	-63.4	75.	0.0068	0.0070	0.4039	213.0	5.7
9600.	243.3	-61.4	43.9	43.9	-63.5	75.	0.0067	0.0069	0.4003	215.0	5.8
9658.	241.0	-61.7	44.3	44.3	-63.8	75.	0.0064	0.0067	0.3970	217.0	5.9
9716.	238.7	-61.8	45.0	45.1	-63.9	75.	0.0063	0.0066	0.3934	219.0	6.1
9780.	236.3	-61.8	46.0	46.0	-63.9	75.	0.0063	0.0066	0.3895	220.0	6.2
9843.	233.9	-61.6	47.2	47.2	-63.7	75.	0.0065	0.0067	0.3852	222.0	6.3
9904.	231.6	-61.6	48.1	48.1	-63.7	75.	0.0065	0.0067	0.3814	223.0	6.5
9963.	229.4	-61.6	49.0	49.0	-63.7	75.	0.0065	0.0067	0.3778	224.0	6.6
10020.	227.3	-61.6	49.8	49.8	-63.7	75.	0.0065	0.0067	0.3743	225.0	6.7
10076.	225.2	-61.4	51.0	51.0	-63.5	75.	0.0067	0.0069	0.3705	227.0	6.7
10138.	223.0	-61.3	52.1	52.1	-63.4	75.	0.0068	0.0070	0.3667	228.0	6.8
10194.	221.0	-61.2	53.1	53.1	-63.3	75.	0.0069	0.0071	0.3632	231.0	6.7
10251.	219.0	-61.1	54.1	54.1	-63.2	75.	0.0070	0.0072	0.3598	233.0	6.7
10313.	216.8	-61.2	54.8	54.8	-63.3	75.	0.0069	0.0071	0.3563	235.0	6.7
10373.	214.7	-61.2	55.8	55.8	-63.3	75.	0.0069	0.0071	0.3529	237.0	6.7
10437.	212.5	-61.2	56.7	56.7	-63.3	75.	0.0069	0.0071	0.3493	239.0	6.5
10502.	210.3	-61.3	57.6	57.6	-63.4	75.	0.0068	0.0070	0.3458	241.0	6.5
10564.	208.2	-61.3	58.5	58.5	-63.4	75.	0.0068	0.0070	0.3424	244.0	6.4
10624.	206.2	-61.4	59.3	59.3	-63.5	75.	0.0067	0.0069	0.3392	247.0	6.4
10681.	204.3	-61.4	60.1	60.1	-63.5	75.	0.0067	0.0069	0.3361	249.0	6.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10742.	202.3	-61.3	61.2	61.2	-63.4	75.	0.0066	0.0070	0.3327	252.0	6.5
10807.	200.3	-61.2	62.3	62.4	-63.3	75.	0.0066	0.0071	0.3292	254.0	6.7
10862.	198.4	-61.1	63.4	63.4	-63.2	75.	0.0067	0.0072	0.3259	256.0	6.8
10922.	196.5	-61.1	64.5	64.5	-63.2	75.	0.0067	0.0072	0.3228	257.0	6.9
10977.	194.7	-61.2	65.1	65.1	-63.3	75.	0.0067	0.0071	0.3203	257.0	6.9
11037.	192.9	-61.1	66.1	66.1	-63.2	75.	0.0067	0.0072	0.3169	258.0	6.9
11092.	191.2	-61.1	67.0	67.0	-63.2	75.	0.0067	0.0072	0.3141	260.0	6.9
11154.	189.3	-61.0	68.1	68.1	-63.1	75.	0.0067	0.0073	0.3108	261.0	7.0
11209.	187.6	-60.9	69.2	69.2	-63.0	75.	0.0068	0.0074	0.3079	262.0	7.1
11266.	185.9	-60.7	70.4	70.4	-62.8	75.	0.0069	0.0074	0.3048	264.0	7.4
11322.	184.2	-60.6	71.4	71.5	-62.7	75.	0.0069	0.0075	0.3019	265.0	7.7
11377.	182.6	-60.5	72.5	72.5	-62.6	75.	0.0070	0.0076	0.2991	265.0	8.0
11435.	180.9	-60.3	73.4	73.4	-62.4	75.	0.0070	0.0076	0.2964	266.0	8.2
11491.	179.3	-60.2	74.5	74.5	-62.3	75.	0.0071	0.0077	0.2937	266.0	8.5
11550.	177.6	-60.1	75.6	75.6	-62.2	75.	0.0072	0.0078	0.2909	266.0	8.7
11610.	175.9	-60.0	76.7	76.7	-62.1	75.	0.0073	0.0079	0.2880	267.0	9.0
11667.	174.3	-59.9	77.7	77.7	-62.0	75.	0.0074	0.0079	0.2854	267.0	9.2
11724.	172.7	-59.8	78.7	78.7	-61.9	75.	0.0075	0.0080	0.2827	268.0	9.4
11782.	171.1	-59.8	79.8	79.8	-61.9	75.	0.0076	0.0081	0.2800	269.0	9.6
11837.	169.6	-59.8	80.8	80.8	-61.9	75.	0.0076	0.0082	0.2776	270.0	9.7
11892.	168.1	-59.8	81.8	81.8	-61.9	75.	0.0077	0.0082	0.2751	270.0	9.8
11944.	166.7	-59.8	82.8	82.8	-61.9	75.	0.0078	0.0083	0.2728	270.0	9.8
12000.	165.2	-59.8	82.8	82.8	-61.9	75.	0.0078	0.0083	0.2704	271.0	9.8
12057.	163.7	-59.8	83.9	83.9	-61.9	75.	0.0079	0.0084	0.2678	272.0	10.0
12114.	162.2	-59.8	84.9	84.9	-61.9	75.	0.0079	0.0084	0.2653	273.0	10.1
12172.	160.7	-59.8	85.9	85.9	-61.9	75.	0.0080	0.0084	0.2629	273.0	10.1
12230.	159.2	-59.8	86.9	87.0	-61.9	75.	0.0080	0.0085	0.2603	274.0	10.2
12285.	157.8	-59.8	87.9	87.9	-61.9	75.	0.0080	0.0086	0.2580	275.0	10.3
12345.	156.3	-59.8	88.9	88.9	-61.9	75.	0.0081	0.0086	0.2557	276.0	10.3
12405.	154.8	-59.8	89.9	89.9	-61.9	75.	0.0082	0.0087	0.2534	276.0	10.4
12461.	153.4	-59.8	90.9	90.9	-61.9	75.	0.0083	0.0088	0.2512	276.0	10.4
12518.	152.0	-59.8	91.9	91.9	-61.9	75.	0.0083	0.0088	0.2490	276.0	10.4
12576.	150.6	-59.8	92.9	92.9	-61.9	75.	0.0084	0.0089	0.2467	276.0	10.4
12630.	149.3	-59.8	92.9	92.9	-61.9	75.	0.0084	0.0089	0.2446	277.0	10.5
12685.	148.1	-59.8	93.9	93.9	-61.9	75.	0.0085	0.0090	0.2425	277.0	10.5
12735.	146.8	-59.8	94.9	94.9	-61.9	75.	0.0085	0.0090	0.2404	277.0	10.4
12794.	145.4	-59.8	95.7	95.7	-61.9	75.	0.0086	0.0091	0.2382	277.0	10.4
12850.	144.1	-59.8	96.7	96.7	-61.9	75.	0.0086	0.0092	0.2361	278.0	10.3
12907.	142.8	-59.8	97.6	97.6	-61.9	75.	0.0087	0.0092	0.2339	278.0	10.3
12964.	141.5	-59.8	98.6	98.6	-61.9	75.	0.0087	0.0093	0.2318	279.0	10.3
13021.	140.2	-59.8	99.6	99.6	-61.9	75.	0.0088	0.0093	0.2297	279.0	10.3
13079.	138.9	-60.5	100.6	100.6	-62.6	75.	0.0077	0.0078	0.2276	280.0	13.5
13137.	137.6	-60.6	101.4	101.4	-62.7	75.	0.0075	0.0077	0.2255	281.0	13.7
13196.	136.3	-60.7	102.2	102.2	-62.8	75.	0.0074	0.0076	0.2235	281.0	14.1
13256.	135.0	-60.7	103.3	103.3	-62.8	75.	0.0074	0.0076	0.2214	282.0	14.3
13311.	133.8	-60.7	104.2	104.2	-62.8	75.	0.0074	0.0076	0.2194	282.0	14.5
13362.	132.7	-60.7	105.1	105.1	-62.8	75.	0.0074	0.0076	0.2176	282.0	14.8
13419.	131.5	-60.5	106.5	106.5	-62.6	75.	0.0076	0.0078	0.2154	283.0	15.1
13471.	130.4	-60.3	107.7	107.7	-62.4	75.	0.0078	0.0080	0.2134	283.0	15.3
13529.	129.2	-60.1	109.1	109.1	-62.2	75.	0.0080	0.0082	0.2113	283.0	15.6
13587.	128.0	-59.9	110.5	110.5	-62.0	75.	0.0082	0.0084	0.2091	283.0	15.9
13646.	126.8	-59.9	111.5	111.5	-62.0	75.	0.0082	0.0084	0.2071	284.0	16.1
13695.	125.8	-59.8	112.6	112.6	-61.9	75.	0.0083	0.0085	0.2054	284.0	16.2
13750.	124.7	-59.8	113.9	113.9	-61.7	75.	0.0084	0.0088	0.2034	284.0	16.5
13800.	123.6	-59.4	115.2	115.2	-61.5	75.	0.0084	0.0090	0.2014	284.0	16.7
13861.	122.5	-59.3	116.4	116.4	-61.4	75.	0.0089	0.0091	0.1996	285.0	16.9
13917.	121.4	-59.3	117.6	117.6	-61.3	75.	0.0090	0.0092	0.1977	285.0	17.1
13974.	120.3	-59.3	118.4	118.4	-61.4	75.	0.0089	0.0091	0.1960	285.0	17.3
14032.	119.2	-59.3	119.4	119.5	-61.4	75.	0.0089	0.0091	0.1942	284.0	17.3
14093.	118.1	-59.3	120.5	120.5	-61.4	75.	0.0089	0.0091	0.1924	285.0	17.5
14153.	116.9	-59.3	121.6	121.6	-61.4	75.	0.0089	0.0091	0.1904	285.0	17.6
14207.	115.9	-59.3	122.6	122.6	-61.4	75.	0.0089	0.0091	0.1888	285.0	17.7
14267.	114.8	-59.1	124.1	124.1	-61.2	75.	0.0092	0.0094	0.1868	285.0	17.8
14327.	113.7	-58.9	125.5	125.5	-61.0	75.	0.0094	0.0096	0.1849	285.0	17.9
14382.	112.7	-58.7	126.9	126.9	-60.8	75.	0.0097	0.0099	0.1831	284.0	18.1
14444.	111.6	-58.6	128.2	128.2	-60.7	75.	0.0098	0.0100	0.1812	286.0	18.2
14500.	110.6	-58.6	129.2	129.3	-60.7	75.	0.0098	0.0100	0.1796	286.0	18.4
14563.	109.5	-58.6	130.4	130.4	-60.7	75.	0.0098	0.0100	0.1778	286.0	18.6
14626.	108.4	-58.6	131.6	131.6	-60.7	75.	0.0098	0.0100	0.1760	287.0	18.6
14685.	107.4	-58.5	132.8	132.8	-60.6	75.	0.0099	0.0101	0.1743	287.0	18.8
14737.	106.5	-58.3	134.2	134.2	-60.4	75.	0.0102	0.0104	0.1727	288.0	19.0
14803.	105.4	-58.3	135.4	135.4	-60.4	75.	0.0102	0.0104	0.1709	288.0	19.1
14863.	104.4	-58.3	136.5	136.5	-60.4	75.	0.0102	0.0104	0.1693	288.0	19.3
14923.	103.4	-58.2	137.8	137.8	-60.3	75.	0.0103	0.0105	0.1676	289.0	19.5
14984.	102.4	-58.0	139.3	139.4	-60.1	75.	0.0106	0.0108	0.1658	289.0	19.7
15046.	101.4	-57.9	140.7	140.7	-60.0	75.	0.0107	0.0109	0.1641	290.0	19.9
15102.	100.5	-57.9	141.8	141.8	-60.0	75.	0.0107	0.0109	0.1627	290.0	19.9
15165.	99.5	-57.8	143.1	143.1	-59.9	75.	0.0109	0.0111	0.1610	291.0	20.1
15222.	98.6	-57.8	144.2	144.2	-59.9	75.	0.0109	0.0111	0.1595	291.0	20.3
15286.	97.6	-57.8	145.4	145.4	-59.9	75.	0.0109	0.0111	0.1579	292.0	20.5
15345.	96.7	-57.8	146.5	146.6	-59.9	75.	0.0109	0.0111	0.1564	292.0	20.7
15410.	95.7	-57.8	147.8	147.8	-59.9	75.	0.0109	0.0111	0.1548	293.0	20.9
15470.	94.8	-57.7	149.1	149.1	-59.8	75.	0.0110	0.0112	0.1533	293.0	21.2
15530.	93.9	-57.4	150.9	150.9	-59.6	75.	0.0115	0.0116	0.1516	294.0	21.2
15584.	93.1	-57.3	152.1	152.1	-59.5	75.	0.0116	0.0118	0.1503	294.0	21.3
15645.	92.2	-57.3	153.3	153.3	-59.5	75.	0.0116	0.0118	0.1488	294.0	21.6
15707.	91.3	-57.3	154.5	154.5	-59.5	75.	0.0116	0.0118	0.1474	295.0	21.7
15762.	90.5	-57.3	155.6	155.6	-59.5	75.	0.0116	0.0118	0.1461	294.0	21.8
15825.	89.6	-57.3	156.8	156.8	-59.5	75.	0.0116	0.0118	0.1446	295.0	21.9
15882.	88.8	-57.2	158.1	158.1	-59.4	75.	0.0118	0.0120	0.1433	295.0	22.0
15946.	87.9	-57.1	159.5	159.6	-59.3	75.	0.0119	0.0121	0.1417	295.0	22.3
16004.	87.1	-57.0	160.9	160.9	-59.2	75.	0.0121	0.0123	0.1404	295.0	22.5
16070.	86.2	-56.8	162.6	162.6	-59.0	75.	0.0124	0.0126	0.1388	295.0	22.7
16129.	85.4	-56.6	164.1	164.1	-58.8	75.	0.0128	0.0129	0.1374	295.0	23.1
16188.	84.6	-56.3	165.9	165.9	-58.5	75.	0.0133	0.0134	0.1359	295.0	23.4
16256.	83.7	-56.1	167.7	167.7	-58.3	75.	0.0136	0.0137	0.1344	296.0	23.8
16317.	82.9	-56.1	168.9	168.9	-58.3	75.	0.0136	0.0137	0.1331	295.0	24.0
16379.	82.1	-56.1	170.1	170.1	-58.3	75.	0.0136	0.0137	0.1318	295.0	24.2
16449.	81.2	-56.0	171.7	171.7	-58.2	75.	0.0136	0.0139	0.1303	295.0	25.1
16512.	80.4	-55.9	173.2	173.2	-58.1	75.	0.0140	0.0141	0.1289	295.0	25.5
16575.	79.6	-56.2	173.8	173.9	-58.4	75.	0.0134	0.0136	0.1278	295.0	26.0
16639.	78.8	-56.4	174.7	174.7	-58.6	75.	0.0131	0.0132	0.1267	295.0	26.6
16704.	78.0	-56.6	175.6	175.6	-58.8	75.	0.0128	0.0129	0.1255	295.0	27.1
16769.	77.2	-56.7	176.7	176.7	-58.9	75.	0.0126	0.0127	0.1243	295.0	27.5
16827.	76.5	-56.7	177.9	177.9	-58.9	75.	0.0126	0.0127	0.1231	295.0	28.1
16893.	75.7	-56.8	179.0	179.1	-59.0	75.	0.0124	0.0126	0.1219	295.0	28.6
16960.	74.9	-56.2	181.7	181.7	-58.4	75.	0.0134	0.0136	0.1203	295.0	29.1
17020.	74.2	-55.7	183.9	184.0	-57.9	75.	0.0144	0.0144	0.1189	295.0	29.4
17089.	73.4	-55.4	186.0	186.0	-57.6	75.	0.0149	0.0150	0.1174	296.0	29.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17150.	72.7	-55.1	187.9	187.9	-57.3	75.	0.0155	0.0156	0.1162	295.0	30.2
17212.	72.0	-54.8	189.8	189.8	-57.0	75.	0.0161	0.0162	0.1149	295.0	30.5
17274.	71.3	-54.6	191.5	191.5	-56.8	75.	0.0165	0.0166	0.1137	295.0	30.8
17328.	70.7	-54.3	193.3	193.3	-56.5	75.	0.0172	0.0172	0.1126	295.0	30.9
17392.	70.0	-54.0	195.2	195.3	-56.2	75.	0.0179	0.0179	0.1113	295.0	31.0
17456.	69.3	-53.7	197.2	197.3	-55.9	75.	0.0186	0.0185	0.1100	295.0	31.1
17521.	68.6	-53.4	199.2	199.3	-55.6	75.	0.0193	0.0192	0.1088	295.0	31.3
17587.	67.9	-53.2	201.1	201.1	-55.4	75.	0.0198	0.0197	0.1076	295.0	31.3
17644.	67.3	-53.1	202.5	202.5	-55.3	75.	0.0200	0.0199	0.1066	295.0	31.5
17712.	66.6	-53.0	204.1	204.2	-55.2	75.	0.0203	0.0202	0.1054	295.0	31.8
17780.	65.9	-52.8	206.0	206.0	-55.0	75.	0.0208	0.0207	0.1042	296.0	31.9
17849.	65.2	-52.7	207.7	207.7	-54.9	75.	0.0211	0.0209	0.1031	295.0	32.2
17908.	64.6	-52.6	209.2	209.2	-54.9	75.	0.0214	0.0212	0.1021	296.0	32.4
17968.	64.0	-52.5	210.7	210.7	-54.6	75.	0.0216	0.0215	0.1011	296.0	32.6
18039.	63.3	-52.6	212.0	212.0	-54.9	75.	0.0214	0.0212	0.1000	296.0	32.8
18101.	62.7	-52.6	213.3	213.4	-54.9	75.	0.0214	0.0212	0.0991	296.0	33.2
18163.	62.1	-52.6	214.6	214.7	-54.9	75.	0.0214	0.0212	0.0981	296.0	33.5
18236.	61.4	-52.5	216.4	216.5	-54.8	75.	0.0216	0.0215	0.0970	297.0	33.7
18299.	60.8	-52.4	216.0	218.1	-54.7	75.	0.0219	0.0217	0.0960	297.0	34.2
18363.	60.2	-52.3	219.6	219.7	-54.6	75.	0.0222	0.0220	0.0950	298.0	34.5
18439.	59.5	-52.1	221.7	221.6	-54.4	75.	0.0228	0.0225	0.0938	298.0	35.1
18504.	58.9	-51.6	223.9	223.9	-54.1	75.	0.0236	0.0234	0.0927	298.0	35.5
18571.	58.3	-51.6	225.8	225.8	-53.9	75.	0.0242	0.0239	0.0917	298.0	35.9
18626.	57.8	-51.4	227.4	227.5	-53.7	75.	0.0248	0.0245	0.0908	299.0	36.4
18694.	57.2	-51.5	228.7	228.8	-53.8	75.	0.0245	0.0242	0.0899	299.0	36.8
18762.	56.6	-51.5	230.2	230.3	-53.8	75.	0.0245	0.0242	0.0890	299.0	37.1
18820.	56.1	-51.4	231.7	231.8	-53.7	75.	0.0248	0.0245	0.0882	299.0	37.4
18890.	55.5	-51.2	233.7	233.8	-53.5	75.	0.0255	0.0251	0.0871	299.0	37.7
18960.	54.9	-51.1	235.5	235.6	-53.4	75.	0.0258	0.0254	0.0862	299.0	37.9
19032.	54.3	-51.0	237.4	237.5	-53.3	75.	0.0261	0.0257	0.0852	300.0	38.2
19092.	53.8	-50.8	239.2	239.3	-53.1	75.	0.0266	0.0264	0.0843	300.0	38.5
19165.	53.2	-50.7	241.1	241.2	-53.0	75.	0.0271	0.0267	0.0833	300.0	38.7
19226.	52.7	-50.6	242.7	242.8	-52.9	75.	0.0274	0.0270	0.0825	300.0	38.8
19286.	52.2	-50.5	244.3	244.4	-52.8	75.	0.0278	0.0273	0.0817	300.0	38.6
19351.	51.7	-50.5	245.7	245.8	-52.6	75.	0.0278	0.0273	0.0809	300.0	38.4
19414.	51.2	-50.5	247.2	247.3	-52.8	75.	0.0278	0.0273	0.0801	299.0	38.0
19478.	50.7	-50.4	248.9	249.0	-52.7	75.	0.0281	0.0277	0.0793	299.0	37.5
19556.	50.1	-50.3	250.9	251.0	-52.6	75.	0.0285	0.0280	0.0783	299.0	36.9

SOUNDING 25.0
LATITUDE -61.4 LONGITUDE 2.8
DATE 10-27-81 TIME 2337 GMT
NUMBER OF LEVELS 455

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	968.2	-12.0	-9.6	-9.4	-12.6	95.	2.0733	1.7240	1.2933	200.0	9.0
56.	961.2	-10.5	-7.5	-7.3	-14.3	71.	1.7725	1.4836	1.2763	200.0	8.9
113.	954.1	-11.0	-7.5	-7.3	-14.5	73.	1.7428	1.4598	1.2693	199.0	9.5
170.	947.0	-11.5	-7.4	-7.2	-14.8	74.	1.6892	1.4168	1.2622	199.0	10.2
228.	939.6	-12.1	-7.4	-7.3	-15.3	75.	1.6220	1.3627	1.2555	198.0	10.5
283.	933.0	-12.6	-7.4	-7.2	-15.6	76.	1.5709	1.3216	1.2488	198.0	10.8
340.	926.1	-13.1	-7.5	-7.2	-15.9	77.	1.5210	1.2813	1.2419	198.0	10.8
395.	919.4	-13.6	-7.5	-7.1	-16.2	79.	1.4939	1.2571	1.2352	197.0	10.9
451.	912.7	-14.1	-7.5	-7.1	-16.5	80.	1.4423	1.2177	1.2286	197.0	10.7
505.	906.2	-14.6	-7.6	-7.1	-16.8	81.	1.4077	1.1897	1.2217	197.0	10.6
559.	899.7	-15.0	-7.6	-7.1	-17.1	82.	1.3609	1.1518	1.2153	197.0	10.4
616.	893.0	-15.4	-6.9	-6.8	-17.5	82.	1.3115	1.1117	1.2080	196.0	10.1
671.	886.4	-15.8	-6.8	-6.6	-17.9	82.	1.2637	1.0728	1.2009	196.0	9.9
725.	880.1	-16.2	-6.7	-6.5	-18.4	81.	1.2027	1.0231	1.1942	196.0	9.8
777.	874.0	-16.7	-6.6	-6.5	-18.9	81.	1.1479	0.9784	1.1882	196.0	9.7
828.	868.1	-15.3	-4.7	-4.5	-17.4	82.	1.3235	1.1215	1.1739	195.0	10.2
876.	862.4	-13.8	-2.6	-2.4	-16.1	81.	1.5007	1.2649	1.1596	194.0	10.3
932.	856.3	-12.3	-0.5	-0.3	-14.7	80.	1.6985	1.4243	1.1450	192.0	10.6
988.	850.1	-12.1	0.3	0.5	-14.7	79.	1.7078	1.4317	1.1359	192.0	10.9
1043.	843.9	-12.0	1.0	1.2	-14.9	77.	1.6796	1.4091	1.1271	191.0	10.9
1098.	837.9	-12.0	1.5	1.7	-15.0	76.	1.6576	1.3915	1.1191	190.0	11.0
1149.	832.3	-12.2	1.8	2.0	-15.2	76.	1.6281	1.3676	1.1125	190.0	11.1
1206.	826.1	-12.5	2.1	2.3	-15.5	76.	1.5945	1.3325	1.1054	190.0	11.3
1262.	820.1	-12.9	2.3	2.5	-15.7	77.	1.5482	1.3032	1.0991	190.0	11.4
1313.	814.6	-13.2	2.5	2.7	-15.8	79.	1.5456	1.3012	1.0929	190.0	11.4
1365.	809.0	-13.4	2.8	3.0	-16.0	79.	1.5177	1.2786	1.0863	190.0	11.5
1420.	803.2	-13.8	3.3	3.5	-16.1	79.	1.5339	1.2675	1.0789	191.0	11.3
1474.	797.5	-13.4	3.9	4.1	-16.1	78.	1.4984	1.2631	1.0708	192.0	11.1
1527.	792.0	-13.4	4.5	4.7	-16.1	78.	1.4984	1.2630	1.0634	194.0	10.9
1580.	786.5	-13.4	5.0	5.2	-16.1	78.	1.4983	1.2630	1.0561	195.0	10.8
1629.	781.4	-13.5	5.7	5.9	-16.1	77.	1.4926	1.2584	1.0488	197.0	10.7
1677.	776.5	-13.6	6.2	6.5	-16.2	76.	1.4867	1.2536	1.0418	199.0	10.6
1727.	771.4	-13.7	6.8	7.0	-16.3	75.	1.4871	1.2378	1.0350	200.0	10.5
1782.	765.9	-13.3	7.3	7.5	-16.4	75.	1.4536	1.2270	1.0280	201.0	10.3
1832.	760.8	-13.4	7.7	7.9	-16.5	75.	1.4406	1.2163	1.0216	203.0	10.1
1885.	755.5	-13.5	8.1	8.3	-16.6	75.	1.4274	1.2057	1.0148	204.0	10.0
1934.	750.9	-13.7	8.5	8.7	-16.8	75.	1.4016	1.1848	1.0089	205.0	9.8
1986.	746.6	-13.8	8.9	9.1	-16.9	75.	1.3846	1.1744	1.0027	206.0	9.8
2031.	741.1	-13.9	9.3	9.5	-17.2	74.	1.3578	1.1493	0.9970	207.0	9.7
2085.	736.4	-14.1	9.6	9.8	-17.3	74.	1.3332	1.1293	0.9914	208.0	9.6
2126.	731.7	-14.3	9.8	10.1	-17.4	75.	1.3266	1.1239	0.9858	209.0	9.5
2179.	726.8	-14.5	10.2	10.4	-17.7	74.	1.2851	1.0902	0.9800	209.0	9.4
2233.	721.6	-14.8	10.4	10.6	-18.0	74.	1.2501	1.0617	0.9741	210.0	9.4
2287.	716.5	-15.0	10.8	11.0	-18.2	74.	1.2272	1.0431	0.9679	210.0	9.3
2342.	711.3	-15.3	11.0	11.2	-18.5	74.	1.1936	1.0157	0.9620	210.0	9.3
2399.	706.9	-15.6	11.3	11.5	-18.8	74.	1.1709	0.9895	0.9558	210.0	9.3
2453.	702.0	-15.8	11.6	11.8	-19.1	74.	1.1298	0.9629	0.9501	210.0	9.3
2506.	696.0	-16.1	11.9	12.1	-19.4	73.	1.0932	0.9336	0.9442	210.0	9.4
2561.	690.8	-16.4	12.2	12.4	-20.0	71.	1.0334	0.8851	0.9383	209.0	9.3
2615.	685.9	-16.7	12.5	12.6	-20.6	69.	0.9770	0.8383	0.9326	209.0	9.3
2668.	681.1	-16.9	12.8	13.0	-21.0	68.	0.9450	0.8119	0.9267	209.0	9.2
2719.	676.5	-17.1	13.1	13.3	-21.3	67.	0.9138	0.7862	0.9212	208.0	9.3
2772.	671.7	-17.4	13.5	13.6	-22.0	64.	0.8566	0.7390	0.9153	207.0	9.3
2829.	666.6	-17.7	13.7	13.8	-22.5	63.	0.8121	0.7021	0.9098	206.0	9.5
2884.	661.7	-18.1	13.9	14.2	-23.1	62.	0.7698	0.6668	0.9044	205.0	9.6
2936.	657.1	-18.5	13.9	14.1	-23.4	62.	0.7410	0.6432	0.8996	205.0	9.6
2996.	652.4	-19.0	14.0	14.1	-23.8	63.	0.7145	0.6239	0.8949	205.0	9.5
3047.	647.4	-19.5	14.0	14.2	-24.2	63.	0.6845	0.5959	0.8897	204.0	9.4
3102.	642.6	-19.9	14.2	14.3	-24.6	63.	0.6598	0.5744	0.8845	204.0	9.3
3156.	637.9	-20.3	14.3	14.4	-25.0	63.	0.6362	0.5536	0.8794	203.0	9.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3210.	633.3	-20.7	14.5	14.6	-25.2	64.	0.6187	0.5416	0.8744	204.0	8.1
3262.	628.6	-21.1	14.6	14.7	-25.5	65.	0.6055	0.5297	0.8696	203.0	8.0
3318.	624.1	-21.5	14.8	14.9	-25.7	66.	0.5914	0.5179	0.8645	204.0	8.6
3372.	619.5	-21.9	14.9	15.0	-26.2	65.	0.5662	0.4916	0.8594	204.0	8.5
3424.	615.1	-22.3	15.1	15.1	-26.6	65.	0.5548	0.4736	0.8547	205.0	8.2
3476.	610.8	-22.6	15.3	15.4	-26.9	65.	0.5332	0.4604	0.8497	206.0	7.9
3526.	606.6	-22.9	15.6	15.6	-27.2	66.	0.5240	0.4476	0.8449	206.0	7.6
3579.	602.2	-23.1	15.9	16.0	-27.3	66.	0.5158	0.4457	0.8394	207.0	7.3
3632.	597.9	-23.3	16.2	16.3	-27.4	66.	0.4958	0.4373	0.8341	208.0	7.1
3687.	593.4	-23.5	16.5	16.7	-27.5	67.	0.4936	0.4354	0.8285	210.0	6.7
3736.	589.4	-23.6	16.8	16.9	-27.5	66.	0.4720	0.4171	0.8239	211.0	6.6
3788.	585.2	-24.2	17.0	17.1	-28.3	66.	0.4587	0.4015	0.8193	213.0	6.5
3841.	581.0	-24.7	17.1	17.1	-29.2	67.	0.4362	0.3883	0.8150	215.0	6.4
3894.	576.8	-25.1	17.1	17.2	-29.8	67.	0.4210	0.3737	0.8104	217.0	6.2
3945.	572.7	-25.4	17.4	17.4	-29.6	65.	0.3964	0.3527	0.8056	218.0	6.2
3997.	568.6	-25.7	17.6	17.7	-30.2	63.	0.3728	0.3325	0.8008	220.0	6.1
4041.	565.2	-26.0	17.7	17.8	-31.3	61.	0.3532	0.3139	0.7970	220.0	6.1
4084.	561.8	-26.2	18.0	18.1	-31.2	60.	0.3376	0.3023	0.7928	220.0	6.2
4132.	558.1	-26.4	18.3	18.4	-31.4	60.	0.3335	0.2965	0.7882	220.0	6.2
4184.	554.1	-26.8	18.5	18.5	-31.7	60.	0.3177	0.2852	0.7838	221.0	6.3
4236.	550.1	-27.2	18.6	18.6	-32.1	60.	0.3041	0.2743	0.7794	221.0	6.4
4287.	546.2	-27.5	18.8	18.9	-32.6	59.	0.2910	0.2621	0.7746	220.0	6.6
4341.	542.1	-27.8	19.1	19.1	-33.0	58.	0.2774	0.2503	0.7700	219.0	6.6
4398.	537.8	-28.3	19.2	19.2	-33.7	57.	0.2590	0.2344	0.7654	218.0	6.7
4453.	533.7	-28.7	19.3	19.4	-34.2	56.	0.2442	0.2215	0.7608	217.0	7.0
4505.	529.8	-29.0	19.6	19.6	-34.7	55.	0.2326	0.2113	0.7561	217.0	7.0
4558.	525.9	-29.4	19.7	19.8	-35.0	55.	0.2232	0.2031	0.7518	215.0	7.2
4611.	522.0	-29.9	19.7	19.8	-35.4	56.	0.2157	0.1966	0.7478	214.0	7.3
4668.	517.8	-30.3	19.9	20.0	-35.7	56.	0.2068	0.1888	0.7430	214.0	7.5
4723.	513.8	-30.7	20.1	20.1	-36.3	55.	0.1949	0.1783	0.7384	213.0	7.6
4777.	509.9	-31.0	20.4	20.4	-36.6	55.	0.1888	0.1730	0.7337	212.0	7.7
4832.	506.0	-31.5	20.4	20.4	-37.0	55.	0.1732	0.1645	0.7296	211.0	7.8
4885.	502.2	-32.0	20.4	20.5	-37.5	55.	0.1700	0.1563	0.7256	211.0	7.8
4938.	498.4	-32.4	20.6	20.6	-38.1	54.	0.1682	0.1475	0.7213	212.0	7.9
4988.	494.9	-32.7	20.8	20.8	-38.5	53.	0.1521	0.1404	0.7171	211.0	8.0
5036.	491.5	-33.1	20.9	20.9	-39.1	52.	0.1430	0.1324	0.7134	212.0	8.0
5085.	488.1	-33.5	21.0	21.0	-39.6	51.	0.1344	0.1247	0.7096	213.0	8.0
5134.	484.7	-33.9	21.1	21.1	-40.2	50.	0.1262	0.1174	0.7059	213.0	8.0
5183.	481.3	-34.2	21.3	21.3	-40.6	49.	0.1197	0.1116	0.7018	213.0	7.9
5231.	478.0	-34.6	21.4	21.4	-41.2	48.	0.1123	0.1049	0.6981	214.0	7.9
5278.	474.8	-34.9	21.6	21.6	-41.5	48.	0.1088	0.1017	0.6943	215.0	7.9
5327.	471.5	-35.4	21.6	21.6	-42.0	48.	0.1030	0.0965	0.6910	215.0	7.9
5377.	468.1	-35.8	21.7	21.7	-42.3	48.	0.0986	0.0926	0.6871	215.0	7.9
5430.	464.5	-36.2	21.8	21.8	-42.9	47.	0.0924	0.0870	0.6830	214.0	8.0
5481.	461.1	-36.6	21.9	22.0	-43.5	46.	0.0866	0.0817	0.6791	214.0	8.0
5529.	457.9	-37.0	22.0	22.0	-43.8	46.	0.0828	0.0783	0.6756	213.0	7.9
5578.	454.7	-37.5	22.0	22.0	-44.3	46.	0.0784	0.0742	0.6723	213.0	8.0
5628.	451.4	-37.9	22.1	22.1	-44.5	47.	0.0766	0.0726	0.6685	212.0	7.9
5681.	447.9	-38.3	22.3	22.3	-44.9	47.	0.0733	0.0696	0.6645	210.0	7.9
5732.	444.6	-38.6	22.5	22.5	-45.3	46.	0.0693	0.0660	0.6604	209.0	7.8
5788.	441.0	-39.0	22.7	22.7	-46.1	44.	0.0634	0.0605	0.6562	209.0	7.7
5844.	437.4	-39.5	22.7	22.8	-46.8	43.	0.0586	0.0561	0.6522	208.0	7.6
5900.	433.8	-40.1	22.7	22.7	-47.5	42.	0.0535	0.0514	0.6485	206.0	7.5
5951.	430.6	-40.6	22.7	22.7	-48.0	42.	0.0505	0.0486	0.6451	204.0	7.4
6001.	427.4	-41.0	22.8	22.8	-48.6	41.	0.0471	0.0455	0.6414	203.0	7.2
6047.	424.5	-41.4	22.9	22.9	-48.9	41.	0.0450	0.0435	0.6381	203.0	6.9
6095.	421.5	-41.8	22.9	23.0	-49.1	42.	0.0441	0.0426	0.6347	201.0	6.7
6139.	418.8	-42.1	23.1	23.1	-49.0	44.	0.0446	0.0431	0.6315	200.0	6.4
6183.	416.1	-42.5	23.1	23.2	-49.2	45.	0.0435	0.0421	0.6285	199.0	6.2
6226.	413.3	-42.9	23.2	23.2	-49.6	45.	0.0416	0.0403	0.6253	199.0	5.9
6267.	410.9	-43.2	23.3	23.3	-49.7	46.	0.0410	0.0396	0.6225	199.0	5.5
6307.	408.5	-43.5	23.4	23.4	-50.0	46.	0.0396	0.0385	0.6197	198.0	5.3
6349.	405.9	-43.8	23.6	23.6	-50.4	45.	0.0374	0.0364	0.6166	198.0	5.0
6394.	403.2	-44.2	23.6	23.6	-51.0	44.	0.0349	0.0341	0.6135	196.0	4.8
6441.	400.4	-44.5	23.8	23.8	-51.5	43.	0.0329	0.0322	0.6101	195.0	4.6
6488.	397.6	-44.8	24.0	24.0	-52.1	41.	0.0303	0.0297	0.6066	195.0	4.3
6536.	394.7	-45.3	24.0	24.0	-53.0	39.	0.0272	0.0268	0.6035	194.0	4.2
6580.	392.1	-45.7	24.0	24.0	-53.8	37.	0.0246	0.0243	0.6006	191.0	4.3
6625.	389.5	-46.1	24.1	24.1	-54.1	37.	0.0235	0.0232	0.5976	190.0	4.4
6671.	386.8	-46.5	24.1	24.1	-54.5	37.	0.0224	0.0222	0.5945	191.0	3.9
6714.	384.3	-46.9	24.2	24.2	-54.9	37.	0.0213	0.0212	0.5917	189.0	4.1
6755.	381.9	-47.2	24.3	24.3	-55.2	37.	0.0206	0.0204	0.5888	187.0	4.1
6797.	379.5	-47.6	24.4	24.4	-55.4	37.	0.0198	0.0197	0.5859	185.0	4.6
6835.	377.3	-47.9	24.4	24.4	-55.8	37.	0.0189	0.0188	0.5835	183.0	4.7
6879.	374.6	-48.2	24.6	24.6	-56.1	37.	0.0182	0.0182	0.5804	182.0	4.8
6919.	372.5	-48.6	24.6	24.6	-56.5	37.	0.0173	0.0173	0.5779	180.0	4.9
6958.	370.3	-48.9	24.7	24.7	-56.7	37.	0.0167	0.0167	0.5753	178.0	5.0
6997.	368.1	-49.2	24.8	24.8	-57.0	37.	0.0161	0.0162	0.5726	177.0	5.1
7036.	365.9	-49.6	24.8	24.8	-57.4	37.	0.0153	0.0154	0.5702	177.0	5.2
7077.	363.6	-50.0	24.8	24.8	-57.8	37.	0.0146	0.0147	0.5676	176.0	5.2
7117.	361.4	-50.3	24.9	24.9	-58.0	37.	0.0141	0.0142	0.5650	175.0	5.2
7157.	359.2	-50.7	24.9	24.9	-58.4	37.	0.0134	0.0135	0.5625	175.0	5.2
7197.	357.0	-51.0	25.0	25.0	-58.5	38.	0.0132	0.0134	0.5598	174.0	5.3
7237.	354.8	-51.4	25.0	25.0	-58.9	38.	0.0126	0.0127	0.5574	173.0	5.2
7279.	352.5	-51.7	25.1	25.1	-59.2	38.	0.0121	0.0123	0.5545	173.0	5.1
7319.	350.3	-52.0	25.3	25.3	-59.4	38.	0.0117	0.0118	0.5518	172.0	5.0
7362.	348.0	-52.5	25.1	25.1	-59.9	38.	0.0110	0.0111	0.5494	171.0	4.9
7403.	345.8	-52.9	25.1	25.1	-60.3	38.	0.0104	0.0106	0.5469	170.0	4.8
7442.	343.7	-53.2	25.3	25.3	-60.6	38.	0.0100	0.0102	0.5444	168.0	4.6
7485.	341.4	-53.5	25.4	25.4	-60.8	36.	0.0097	0.0099	0.5415	167.0	4.6
7523.	339.4	-53.8	25.5	25.5	-61.1	38.	0.0093	0.0095	0.5390	165.0	4.5
7563.	337.3	-54.0	25.8	25.8	-61.5	37.	0.0088	0.0090	0.5362	164.0	4.4
7608.	334.9	-54.3	26.0	26.0	-62.2	35.	0.0080	0.0083	0.5331	161.0	4.4
7658.	332.3	-54.7	26.1	26.1	-62.8	34.	0.0074	0.0076	0.5299	158.0	4.3
7706.	329.8	-55.1	26.2	26.2	-63.3	33.	0.0068	0.0071	0.5269	154.0	4.2
7757.	327.2	-55.5	26.3	26.3	-63.9	32.	0.0063	0.0065	0.5237	150.0	4.1
7805.	324.7	-56.0	26.3	26.3	-64.6	31.	0.0057	0.0059	0.5209	145.0	4.1
7858.	322.0	-56.4	26.4	26.4	-65.0	31.	0.0054	0.0056	0.5175	140.0	4.1
7908.	319.5	-56.7	26.7	26.7	-65.3	31.	0.0052	0.0054	0.5142	135.0	4.1
7955.	317.1	-57.0	26.9	26.9	-65.5	31.	0.0050	0.0052	0.5111	133.0	4.2
8007.	314.5	-57.5	26.9	26.9	-66.2	30.	0.0045	0.0048	0.5080	128.0	4.3
8056.	312.1	-57.9	27.0	27.0	-66.8	29.	0.0042	0.0044	0.5051	125.0	4.5
8106.	309.6	-58.4	27.0	27.0	-67.3	29.	0.0039	0.0041	0.5022	122.0	4.6
8143.	307.8	-58.8	27.0	27.0	-67.9	28.	0.0036	0.0038	0.5002	120.0	4.7
8182.	305.9	-59.2	26.9	26.9	-68.3	28.	0.0034	0.0036	0.4981	119.0	4.8
8218.	304.1	-59.5	27.0	27.0	-68.5	28.	0.0032	0.0034	0.4958	118.0	4.8
8253.	302.4	-59.9	26.9	26.9	-68.9	28.	0.0031	0.0033	0.4940	117.0	4.9
8295.	300.4	-60.2	27.1	27.1	-69.2	28.	0.0029	0.0031	0.4914	118.0	5.0
8338.	298.3	-60.5	27.3	27.3	-69.5	28.	0.0028	0.0030	0.4887	120.0	4.9

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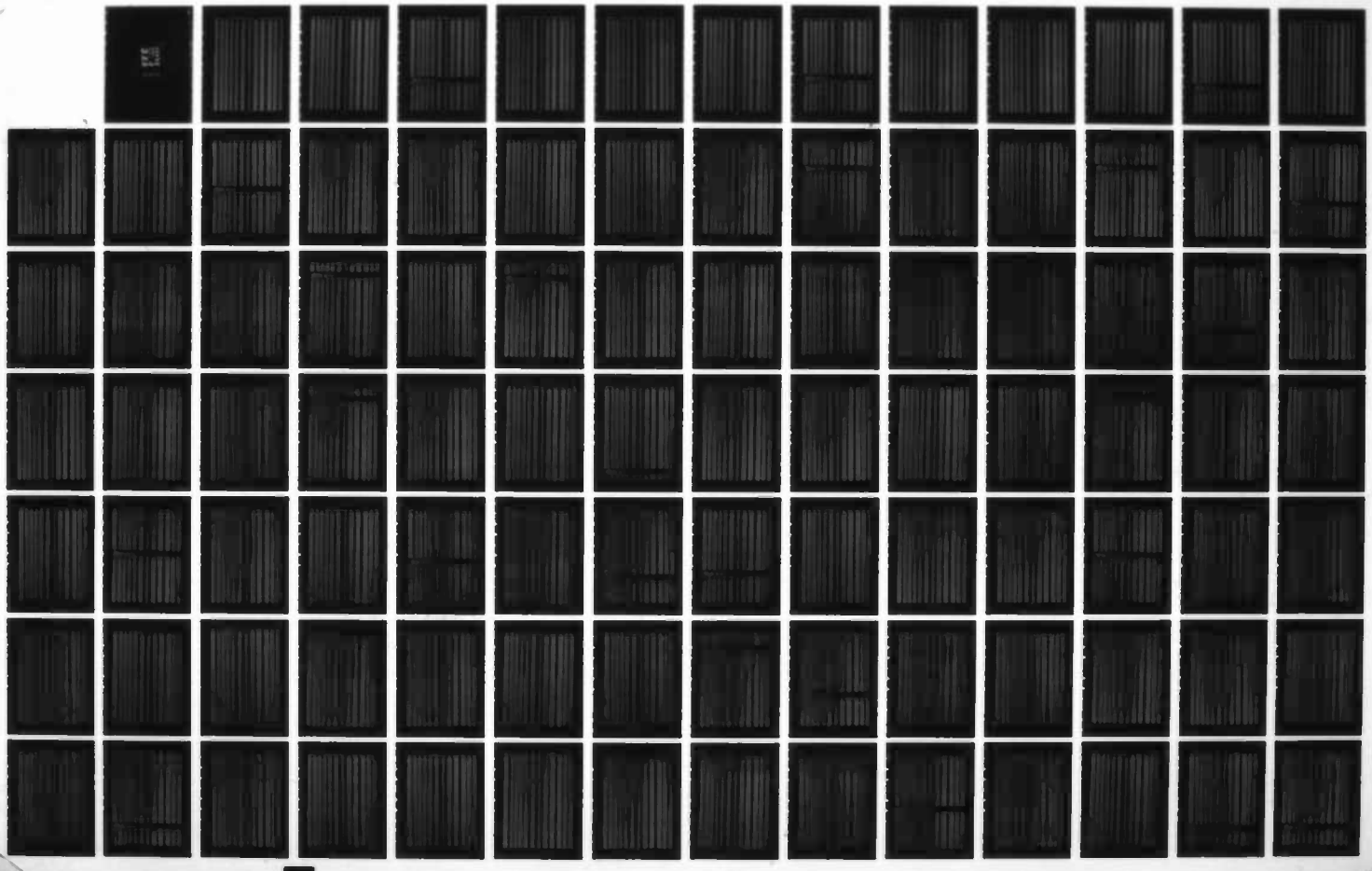
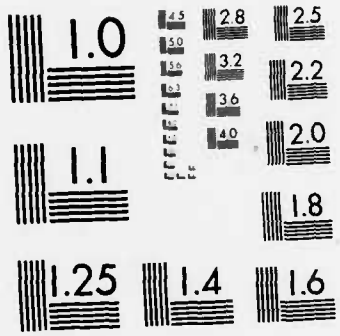




MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8380.	296.3	-60.5	27.3	27.3	-69.8	28.	0.0027	0.0029	0.4863	122.0	4.9
8426.	294.5	-61.3	27.3	27.3	-70.2	28.	0.0025	0.0027	0.4839	126.0	5.0
8462.	292.4	-61.6	27.4	27.4	-70.5	28.	0.0024	0.0026	0.4815	131.0	5.0
8500.	290.5	-62.2	27.4	27.4	-71.1	27.	0.0022	0.0024	0.4794	137.0	5.3
8537.	288.9	-62.3	27.5	27.5	-71.4	27.	0.0021	0.0023	0.4773	142.0	5.5
8571.	287.2	-62.4	27.5	27.5	-71.2	28.	0.0022	0.0023	0.4747	146.0	5.4
8614.	285.3	-62.4	28.4	28.4	-71.4	27.	0.0021	0.0023	0.4716	153.0	5.9
8657.	283.3	-62.3	29.1	29.1	-71.4	27.	0.0021	0.0023	0.4661	157.0	6.1
8699.	281.4	-62.2	29.9	29.9	-71.5	26.	0.0021	0.0022	0.4647	161.0	6.6
8736.	279.6	-62.2	30.4	30.4	-71.8	25.	0.0020	0.0022	0.4617	165.0	7.0
8776.	277.9	-62.1	31.1	31.1	-71.9	24.	0.0019	0.0021	0.4587	169.0	7.2
8818.	276.0	-62.1	31.7	31.7	-72.2	23.	0.0019	0.0020	0.4556	171.0	7.6
8861.	274.1	-62.1	32.1	32.1	-72.6	22.	0.0018	0.0019	0.4526	173.0	8.2
8899.	272.4	-62.2	32.5	32.5	-73.0	21.	0.0017	0.0018	0.4501	175.0	8.4
8942.	270.5	-62.3	33.2	33.2	-73.3	20.	0.0016	0.0017	0.4469	177.0	8.7
8983.	268.7	-62.3	33.7	33.7	-73.3	20.	0.0016	0.0017	0.4439	179.0	8.8
9025.	266.9	-62.4	34.2	34.2	-73.7	19.	0.0015	0.0016	0.4412	181.0	9.1
9064.	265.2	-62.5	34.6	34.6	-74.2	18.	0.0014	0.0015	0.4386	183.0	9.1
9108.	263.3	-62.8	34.8	34.8	-74.8	17.	0.0013	0.0014	0.4361	185.0	9.3
9150.	261.2	-63.0	35.2	35.2	-75.0	17.	0.0012	0.0013	0.4330	186.0	9.6
9212.	258.9	-63.2	35.7	35.7	-75.2	17.	0.0012	0.0013	0.4296	188.0	9.7
9272.	256.4	-62.9	37.0	37.0	-74.9	17.	0.0012	0.0013	0.4248	190.0	9.7
9324.	254.3	-63.1	37.5	37.5	-75.5	16.	0.0011	0.0012	0.4213	192.0	9.8
9380.	251.8	-63.4	37.9	37.9	-75.7	16.	0.0011	0.0012	0.4179	194.0	10.0
9437.	249.6	-63.7	38.2	38.2	-76.0	16.	0.0011	0.0011	0.4151	195.0	10.2
9486.	247.8	-64.0	38.5	38.5	-76.7	15.	0.0009	0.0010	0.4124	197.0	10.4
9538.	245.8	-64.2	38.9	38.9	-76.8	15.	0.0009	0.0010	0.4093	199.0	10.6
9590.	243.4	-64.5	39.5	39.5	-76.9	15.	0.0009	0.0010	0.4060	200.0	10.7
9638.	241.5	-64.8	39.9	39.9	-77.5	14.	0.0008	0.0009	0.4032	202.0	10.9
9684.	239.7	-64.8	40.5	40.5	-77.6	14.	0.0008	0.0009	0.4004	203.0	11.1
9727.	238.0	-64.6	41.1	41.1	-77.6	14.	0.0008	0.0009	0.3976	204.0	11.2
9768.	236.4	-64.7	41.6	41.6	-78.2	13.	0.0007	0.0008	0.3951	205.0	11.3
9812.	234.7	-65.0	41.7	41.7	-78.4	13.	0.0007	0.0008	0.3928	206.0	11.4
9854.	233.1	-65.3	41.9	41.9	-78.7	13.	0.0007	0.0008	0.3907	207.0	11.5
9893.	231.6	-65.6	42.0	42.0	-79.4	12.	0.0006	0.0007	0.3887	208.0	11.6
9935.	230.0	-65.9	42.2	42.2	-79.7	12.	0.0006	0.0006	0.3866	209.0	11.7
9980.	228.3	-66.2	42.4	42.4	-80.0	12.	0.0005	0.0006	0.3843	209.0	11.7
10020.	226.8	-66.4	42.7	42.7	-80.1	12.	0.0005	0.0006	0.3821	209.0	11.7
10057.	225.4	-66.6	43.0	43.0	-80.3	12.	0.0005	0.0006	0.3802	210.0	11.8
10097.	223.9	-66.8	43.3	43.3	-80.5	12.	0.0005	0.0006	0.3780	211.0	11.6
10133.	222.6	-66.9	43.6	43.6	-80.6	12.	0.0005	0.0006	0.3760	211.0	11.6
10173.	221.1	-67.1	43.9	43.9	-80.8	12.	0.0005	0.0005	0.3738	212.0	11.5
10214.	219.6	-67.4	44.1	44.1	-81.0	12.	0.0005	0.0005	0.3718	214.0	11.4
10253.	218.2	-67.3	44.8	44.8	-80.9	12.	0.0005	0.0005	0.3693	215.0	11.3
10294.	216.7	-67.2	45.6	45.6	-80.8	12.	0.0005	0.0005	0.3665	216.0	11.2
10333.	215.3	-67.0	46.0	46.5	-80.7	12.	0.0005	0.0005	0.3638	218.0	11.2
10375.	213.8	-66.6	47.5	47.5	-80.5	12.	0.0005	0.0006	0.3609	219.0	11.1
10415.	212.4	-66.6	48.4	48.4	-80.3	12.	0.0005	0.0006	0.3582	220.0	11.0
10452.	211.1	-66.5	49.1	49.1	-80.2	12.	0.0005	0.0006	0.3559	222.0	11.0
10492.	209.7	-66.4	49.9	49.9	-80.7	11.	0.0005	0.0005	0.3533	223.0	11.0
10530.	208.4	-66.5	50.3	50.3	-80.8	11.	0.0005	0.0005	0.3513	224.0	11.1
10568.	207.1	-66.4	51.0	51.0	-80.7	11.	0.0005	0.0005	0.3490	226.0	11.1
10606.	205.8	-66.3	51.7	51.7	-80.6	11.	0.0005	0.0006	0.3466	227.0	11.1
10647.	204.4	-66.1	52.7	52.7	-80.4	11.	0.0005	0.0006	0.3439	228.0	11.2
10689.	203.0	-66.0	53.5	53.5	-80.3	11.	0.0005	0.0006	0.3414	229.0	11.2
10731.	201.6	-65.9	54.3	54.3	-80.2	11.	0.0005	0.0006	0.3389	231.0	11.2
10770.	200.3	-65.6	55.4	55.4	-80.0	11.	0.0005	0.0006	0.3362	233.0	11.4
10809.	199.0	-65.5	56.5	56.5	-80.3	10.	0.0005	0.0006	0.3335	234.0	11.5
10852.	197.6	-65.0	57.6	57.6	-80.0	10.	0.0005	0.0006	0.3307	235.0	11.5
10896.	196.2	-64.8	58.9	58.9	-79.7	10.	0.0006	0.0006	0.3277	236.0	11.5
10936.	194.9	-64.4	59.9	59.9	-79.5	10.	0.0006	0.0007	0.3252	237.0	11.4
10974.	193.7	-64.4	60.5	60.5	-79.5	10.	0.0006	0.0007	0.3232	238.0	11.4
11015.	192.4	-64.5	60.9	60.9	-79.6	10.	0.0006	0.0006	0.3212	239.0	11.4
11053.	191.2	-64.6	61.4	61.4	-80.3	9.	0.0005	0.0006	0.3194	240.0	11.3
11093.	189.9	-64.5	62.2	62.2	-80.2	9.	0.0005	0.0006	0.3171	242.0	11.1
11133.	188.7	-64.3	63.1	63.1	-80.1	9.	0.0005	0.0006	0.3148	243.0	11.1
11172.	187.5	-64.0	64.2	64.2	-79.8	9.	0.0006	0.0006	0.3123	244.0	11.1
11212.	186.3	-63.6	65.5	65.5	-79.5	9.	0.0006	0.0007	0.3097	244.0	11.1
11251.	185.1	-63.3	66.6	66.6	-79.2	9.	0.0006	0.0007	0.3073	246.0	11.2
11294.	183.8	-63.5	67.0	67.0	-79.4	9.	0.0006	0.0007	0.3054	247.0	11.2
11341.	182.4	-63.4	67.5	67.5	-79.5	9.	0.0006	0.0007	0.3032	248.0	11.3
11382.	181.2	-63.7	68.0	68.0	-79.6	9.	0.0006	0.0007	0.3014	248.0	11.4
11422.	180.0	-63.8	68.5	68.5	-80.4	8.	0.0005	0.0006	0.2995	249.0	11.6
11463.	178.8	-63.9	69.0	69.0	-80.4	8.	0.0005	0.0006	0.2977	249.0	11.6
11508.	177.5	-64.0	69.5	69.5	-80.5	8.	0.0005	0.0006	0.2956	250.0	11.9
11549.	176.3	-64.0	70.2	70.2	-80.5	8.	0.0005	0.0006	0.2936	250.0	12.0
11591.	175.1	-64.0	70.9	70.9	-81.3	7.	0.0004	0.0005	0.2916	250.0	12.2
11637.	173.8	-64.1	71.4	71.4	-81.4	7.	0.0004	0.0005	0.2896	251.0	12.3
11679.	172.6	-64.1	72.1	72.1	-81.4	7.	0.0004	0.0005	0.2876	251.0	12.5
11722.	171.4	-64.1	72.8	72.8	-81.4	7.	0.0004	0.0005	0.2856	251.0	12.7
11761.	170.3	-64.0	73.6	73.6	-81.3	7.	0.0004	0.0005	0.2837	252.0	12.7
11797.	169.3	-63.8	74.5	74.5	-81.2	7.	0.0004	0.0005	0.2817	252.0	12.8
11833.	168.3	-63.5	75.6	75.6	-80.9	7.	0.0005	0.0005	0.2797	252.0	12.9
11874.	167.2	-63.4	76.4	76.4	-80.8	7.	0.0005	0.0005	0.2777	252.0	13.0
11910.	166.2	-63.4	77.0	77.0	-80.8	7.	0.0005	0.0005	0.2760	252.0	13.1
11947.	165.2	-63.3	77.8	77.8	-80.7	7.	0.0005	0.0005	0.2742	253.0	13.0
11985.	164.2	-63.2	78.6	78.6	-80.7	7.	0.0005	0.0005	0.2724	253.0	13.0
12026.	163.1	-63.3	79.1	79.1	-80.7	7.	0.0005	0.0005	0.2708	253.0	13.0
12067.	162.0	-63.3	79.8	79.8	-80.7	7.	0.0005	0.0005	0.2689	253.0	12.8
12105.	161.0	-63.5	80.1	80.1	-81.8	6.	0.0004	0.0005	0.2675	253.0	12.9
12151.	159.8	-63.6	80.7	80.7	-81.9	6.	0.0004	0.0004	0.2657	253.0	12.9
12190.	158.8	-63.6	81.3	81.3	-81.9	6.	0.0004	0.0004	0.2640	253.0	12.9
12228.	157.8	-63.5	82.1	82.1	-81.8	6.	0.0004	0.0005	0.2622	253.0	12.8
12267.	156.8	-63.6	82.6	82.6	-81.9	6.	0.0004	0.0004	0.2607	252.0	12.8
12307.	155.8	-63.5	83.4	83.4	-81.8	6.	0.0004	0.0005	0.2589	252.0	12.8
12342.	154.9	-63.3	84.3	84.3	-81.7	6.	0.0004	0.0005	0.2571	252.0	12.7
12378.	154.0	-63.0	85.4	85.4	-81.4	6.	0.0004	0.0005	0.2553	252.0	12.9
12418.	153.0	-62.7	86.6	86.6	-81.2	6.	0.0004	0.0005	0.2533	251.0	13.0
12458.	152.0	-62.5	87.6	87.6	-81.0	6.	0.0005	0.0005	0.2514	251.0	13.1
12499.	151.0	-62.5	88.3	88.3	-81.0	6.	0.0005	0.0005	0.2497	251.0	13.2
12540.	150.0	-62.4	89.2	89.2	-80.9	6.	0.0005	0.0005	0.2479	251.0	13.3
12581.	149.0	-62.5	89.7	89.7	-81.0	6.	0.0005	0.0005	0.2464	251.0	13.6
12622.	148.0	-62.8	89.9	89.9	-81.2	6.	0.0004	0.0005	0.2451	250.0	13.7
12664.	147.0	-63.1	90.1	90.1	-81.5	6.	0.0004	0.0005	0.2438	250.0	13.9
12706.	146.0	-63.3	90.4	90.4	-82.7	5.	0.0003	0.0004	0.2424	250.0	14.2
12748.	145.0	-63.5	90.8	90.8	-82.9	5.	0.0003	0.0004	0.2409	250.0	14.5
12786.	144.1	-63.7	91.1	91.1	-83.1	5.	0.0003	0.0004	0.2397	249.0	14.6
12829.	143.1	-63.8	91.6	91.6	-83.2	5.	0.0003	0.0004	0.2381	249.0	15.0
12868.	142.2	-63.8	92.3	92.3	-83.2	5.	0.0003	0.0004	0.2366	250.0	15.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12902.	141.4	-63.8	92.9	92.9	-83.2	5.	0.0003	0.0004	0.2353	250.0	15.2
12941.	140.5	-63.7	93.7	93.7	-83.1	5.	0.0003	0.0004	0.2337	250.0	15.4
12980.	139.6	-63.7	94.4	94.4	-83.1	5.	0.0003	0.0004	0.2322	250.0	15.6
13020.	138.7	-63.8	94.9	94.9	-83.2	5.	0.0003	0.0004	0.2308	250.0	15.6
13060.	137.8	-63.8	95.6	95.6	-83.2	5.	0.0003	0.0004	0.2293	250.0	15.6
13096.	137.0	-63.6	96.6	96.6	-83.0	5.	0.0003	0.0004	0.2278	251.0	15.6
13136.	136.1	-63.4	97.6	97.6	-82.8	5.	0.0003	0.0004	0.2260	251.0	15.6
13172.	135.3	-63.2	98.6	98.6	-82.7	5.	0.0003	0.0004	0.2245	252.0	15.7
13213.	134.4	-63.1	99.5	99.5	-82.6	5.	0.0004	0.0004	0.2229	252.0	15.6
13254.	133.5	-62.9	100.5	100.5	-82.4	5.	0.0004	0.0004	0.2212	253.0	15.6
13296.	132.6	-62.8	101.4	101.4	-82.3	5.	0.0004	0.0004	0.2196	253.0	15.6
13333.	131.8	-62.8	102.1	102.1	-82.3	5.	0.0004	0.0004	0.2183	253.0	15.6
13371.	131.0	-62.7	102.9	102.9	-82.3	5.	0.0004	0.0004	0.2168	254.0	15.5
13413.	130.1	-62.6	103.8	103.8	-82.2	5.	0.0004	0.0004	0.2153	254.0	15.5
13451.	129.3	-62.8	104.2	104.2	-82.3	5.	0.0004	0.0004	0.2141	254.0	15.5
13469.	128.5	-62.9	104.6	104.6	-82.4	5.	0.0004	0.0004	0.2129	255.0	15.4
13532.	127.6	-63.1	105.0	105.0	-82.6	5.	0.0004	0.0004	0.2116	255.0	15.4
13571.	126.8	-63.2	105.5	105.5	-82.7	5.	0.0003	0.0004	0.2104	255.0	15.4
13610.	126.0	-63.2	106.2	106.2	-82.7	5.	0.0003	0.0004	0.2091	255.0	15.4
13649.	125.2	-63.4	106.6	106.6	-82.8	5.	0.0003	0.0004	0.2079	255.0	15.4
13688.	124.4	-63.4	107.2	107.2	-84.1	4.	0.0003	0.0003	0.2066	255.0	15.4
13728.	123.6	-63.3	108.1	108.1	-84.0	4.	0.0003	0.0003	0.2052	255.0	15.4
13773.	122.7	-63.2	109.1	109.1	-84.0	4.	0.0003	0.0003	0.2036	255.0	15.4
13808.	122.0	-63.1	109.9	109.9	-83.9	4.	0.0003	0.0003	0.2023	255.0	15.6
13846.	121.2	-63.0	110.8	110.8	-83.8	4.	0.0003	0.0003	0.2009	255.0	15.6
13889.	120.4	-62.9	111.7	111.7	-82.4	5.	0.0004	0.0004	0.1995	255.0	15.7
13930.	119.6	-62.8	112.6	112.6	-83.6	4.	0.0003	0.0003	0.1981	254.0	15.8
13971.	118.8	-62.8	113.4	113.4	-83.6	4.	0.0003	0.0003	0.1967	255.0	16.0
14007.	118.1	-62.7	114.2	114.2	-83.6	4.	0.0003	0.0003	0.1955	255.0	16.0
14049.	117.3	-62.6	115.2	115.2	-83.5	4.	0.0003	0.0003	0.1941	256.0	16.3
14086.	116.6	-62.5	116.0	116.0	-83.4	4.	0.0003	0.0004	0.1928	256.0	16.5
14128.	115.8	-62.4	117.0	117.0	-83.3	4.	0.0003	0.0004	0.1914	257.0	16.6
14166.	115.1	-62.4	117.6	117.6	-82.0	5.	0.0004	0.0004	0.1903	257.0	16.8
14203.	114.4	-62.5	118.1	118.1	-83.4	4.	0.0003	0.0004	0.1892	258.0	17.0
14241.	113.7	-62.5	118.8	118.8	-82.1	5.	0.0004	0.0004	0.1880	258.0	17.2
14279.	113.0	-62.4	119.7	119.7	-82.0	5.	0.0004	0.0004	0.1868	259.0	17.4
14323.	112.2	-62.2	120.9	120.9	-81.8	5.	0.0004	0.0005	0.1853	260.0	17.5
14362.	111.5	-62.1	121.8	121.8	-81.8	5.	0.0004	0.0005	0.1840	261.0	17.8
14400.	110.8	-61.9	122.8	122.9	-81.6	5.	0.0004	0.0005	0.1827	262.0	18.1
14445.	110.0	-61.8	123.9	123.9	-81.5	5.	0.0004	0.0005	0.1813	263.0	18.2
14479.	109.4	-61.8	124.5	124.5	-81.5	5.	0.0004	0.0005	0.1803	264.0	18.3
14519.	108.7	-61.8	125.2	125.2	-81.5	5.	0.0004	0.0005	0.1792	265.0	18.3
14559.	108.0	-61.8	125.9	125.9	-81.5	5.	0.0004	0.0005	0.1780	265.0	18.4
14599.	107.3	-61.6	127.1	127.1	-81.3	5.	0.0004	0.0005	0.1767	266.0	18.4
14639.	106.6	-61.3	128.4	128.4	-81.1	5.	0.0005	0.0005	0.1753	266.0	18.4
14680.	105.9	-61.1	129.5	129.5	-80.9	5.	0.0005	0.0005	0.1740	267.0	18.5
14721.	105.2	-61.1	130.3	130.3	-80.9	5.	0.0005	0.0005	0.1728	267.0	18.5
14763.	104.5	-61.0	131.2	131.2	-80.9	5.	0.0005	0.0005	0.1716	268.0	18.5
14798.	103.9	-60.9	132.1	132.1	-80.8	5.	0.0005	0.0005	0.1705	268.0	18.4
14840.	103.2	-61.0	132.7	132.7	-80.9	5.	0.0005	0.0005	0.1695	268.0	16.2
14882.	102.5	-61.0	133.1	133.1	-81.0	5.	0.0005	0.0005	0.1685	268.0	18.1
14925.	101.8	-61.3	133.7	133.7	-82.4	4.	0.0004	0.0004	0.1674	268.0	18.1
14960.	101.1	-61.4	134.3	134.3	-82.5	4.	0.0004	0.0004	0.1663	268.0	18.0
15011.	100.4	-61.4	135.1	135.1	-81.2	5.	0.0004	0.0005	0.1652	268.0	17.9
15054.	99.7	-61.2	136.3	136.3	-81.0	5.	0.0005	0.0005	0.1639	267.0	17.9
15091.	99.1	-61.1	137.2	137.2	-80.9	5.	0.0005	0.0005	0.1628	267.0	17.9
15135.	98.4	-61.0	138.2	138.2	-82.2	4.	0.0004	0.0004	0.1616	267.0	17.7
15173.	97.8	-60.9	139.2	139.2	-82.1	4.	0.0004	0.0004	0.1605	267.0	17.7
15218.	97.1	-61.0	139.8	139.8	-82.2	4.	0.0004	0.0004	0.1594	267.0	17.6
15256.	96.5	-61.2	140.2	140.2	-82.3	4.	0.0004	0.0004	0.1586	267.0	17.5
15301.	95.8	-61.4	140.6	140.6	-82.5	4.	0.0004	0.0004	0.1576	267.0	17.5
15340.	95.2	-61.5	141.2	141.2	-82.6	4.	0.0004	0.0004	0.1567	266.0	17.5
15379.	94.6	-61.6	141.7	141.7	-82.7	4.	0.0003	0.0004	0.1558	266.0	17.6
15425.	93.9	-61.8	142.8	142.8	-81.3	5.	0.0004	0.0005	0.1546	267.0	17.6
15465.	93.3	-61.4	143.8	143.8	-81.2	5.	0.0004	0.0005	0.1535	267.0	17.7
15505.	92.7	-61.2	144.9	144.9	-81.0	5.	0.0005	0.0005	0.1524	267.0	17.9
15552.	92.0	-61.0	146.2	146.2	-80.9	5.	0.0005	0.0005	0.1511	268.0	18.1
15592.	91.4	-61.0	147.0	147.0	-80.9	5.	0.0005	0.0005	0.1501	269.0	18.3
15633.	90.8	-61.1	147.6	147.6	-80.9	5.	0.0005	0.0005	0.1492	270.0	18.5
15681.	90.1	-61.2	148.3	148.3	-81.0	5.	0.0005	0.0005	0.1481	270.0	18.7
15716.	89.6	-61.2	149.0	149.0	-81.0	5.	0.0005	0.0005	0.1473	270.0	19.1
15764.	88.9	-61.1	150.2	150.2	-80.9	5.	0.0005	0.0005	0.1460	272.0	19.4
15806.	88.3	-61.1	151.2	151.2	-80.9	5.	0.0005	0.0005	0.1450	272.0	19.7
15849.	87.7	-61.1	151.8	151.8	-82.3	4.	0.0004	0.0004	0.1441	274.0	19.9
15891.	87.1	-61.1	152.6	152.6	-82.3	4.	0.0004	0.0004	0.1431	275.0	20.1
15934.	86.5	-61.0	153.7	153.7	-82.2	4.	0.0004	0.0004	0.1420	275.0	20.4
15977.	85.9	-61.0	154.5	154.5	-82.2	4.	0.0004	0.0004	0.1411	276.0	20.6
16021.	85.3	-60.9	155.6	155.6	-82.1	4.	0.0004	0.0004	0.1400	277.0	20.8
16064.	84.7	-60.9	156.5	156.5	-82.1	4.	0.0004	0.0004	0.1390	278.0	21.1
16106.	84.1	-61.1	156.9	156.9	-82.3	4.	0.0004	0.0004	0.1382	278.0	21.2
16153.	83.5	-60.8	158.4	158.4	-82.0	4.	0.0004	0.0004	0.1370	279.0	21.4
16198.	82.9	-60.6	159.7	159.7	-81.9	4.	0.0004	0.0005	0.1359	279.0	21.5
16243.	82.3	-60.5	160.8	160.8	-81.8	4.	0.0004	0.0005	0.1348	279.0	21.5
16288.	81.7	-60.3	162.1	162.1	-81.6	4.	0.0004	0.0005	0.1337	279.0	21.4
16334.	81.1	-60.1	163.5	163.5	-80.1	5.	0.0005	0.0006	0.1326	279.0	21.3
16380.	80.5	-59.9	164.8	164.8	-80.0	5.	0.0005	0.0006	0.1315	279.0	21.2
16419.	80.0	-59.7	166.0	166.0	-79.8	5.	0.0006	0.0006	0.1306	279.0	21.0
16465.	79.4	-59.7	166.9	166.9	-79.8	5.	0.0006	0.0006	0.1296	279.0	21.0
16506.	78.9	-59.7	167.7	167.7	-79.8	5.	0.0006	0.0006	0.1288	279.0	20.9
16553.	78.3	-59.6	168.9	168.9	-79.7	5.	0.0006	0.0006	0.1277	279.0	20.9
16593.	77.8	-59.7	169.8	169.8	-79.8	5.	0.0006	0.0006	0.1270	278.0	20.9
16642.	77.2	-59.7	170.5	170.5	-79.8	5.	0.0006	0.0006	0.1260	278.0	21.0
16682.	76.7	-59.7	171.3	171.3	-79.8	5.	0.0006	0.0006	0.1252	278.0	20.9
16731.	76.1	-59.8	172.1	172.1	-79.9	5.	0.0006	0.0006	0.1243	277.0	21.0
16772.	75.6	-59.8	172.9	172.9	-79.9	5.	0.0006	0.0006	0.1234	277.0	21.1
16822.	75.0	-59.9	173.7	173.7	-80.0	5.	0.0006	0.0006	0.1225	277.0	21.1
16864.	74.5	-60.0	174.4	174.4	-80.0	5.	0.0006	0.0006	0.1218	277.0	21.2
16906.	74.0	-60.0	174.9	174.9	-80.0	5.	0.0006	0.0006	0.1211	277.0	21.3
16956.	73.4	-60.1	175.7	175.7	-80.1	5.	0.0006	0.0006	0.1201	278.0	21.5
16999.	72.9	-60.2	176.4	176.4	-80.2	5.	0.0006	0.0006	0.1191	278.0	21.6
17042.	72.4	-59.8	178.5	178.5	-79.9	5.	0.0006	0.0006	0.1182	278.0	21.6
17085.	71.9	-59.6	179.4	179.4	-79.7	5.	0.0006	0.0006	0.1173	279.0	21.7
17137.	71.3	-59.3	181.5	181.5	-79.5	5.	0.0006	0.0007	0.1161	279.0	21.9
17181.	70.8	-59.4	182.3	182.3	-79.1	5.	0.0006	0.0007	0.1151	280.0	22.0
17226.	70.3	-59.6	184.0	184.0	-79.9	5.	0.0007	0.0007	0.1141	281.0	22.1
17271.	69.8	-59.7	185.0	185.0	-79.9	5.	0.0006	0.0007	0.1134	281.0	22.2
17316.	69.3	-59.9	186.1	186.1	-79.1	5.	0.0006	0.0007	0.1127	282.0	22.3
17361.	68.8	-59.8	186.8	186.8	-79.2	5.	0.0006	0.0007	0.1119	282.0	22.4
17407.	68.3	-59.8	187.6	187.6	-79.2	5.	0.0006	0.0007	0.1111	283.0	22.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17453.	67.8	-59.0	188.7	188.7	-79.2	5.	0.0006	0.0007	0.1103	283.0	22.7
17499.	67.3	-59.1	189.5	189.5	-79.3	5.	0.0006	0.0007	0.1095	283.0	22.8
17546.	66.8	-59.2	190.3	190.3	-79.4	5.	0.0006	0.0007	0.1088	283.0	22.8
17593.	66.3	-58.9	191.9	191.9	-78.0	6.	0.0008	0.0008	0.1078	283.0	22.9
17640.	65.8	-58.6	193.6	193.6	-78.9	5.	0.0007	0.0007	0.1068	284.0	23.0
17678.	65.4	-58.5	194.6	194.6	-78.8	5.	0.0007	0.0007	0.1061	284.0	23.2
17726.	64.9	-58.5	195.6	195.6	-77.7	6.	0.0008	0.0009	0.1053	284.0	23.3
17775.	64.4	-58.4	196.9	196.9	-77.6	6.	0.0008	0.0009	0.1045	284.0	23.4
17814.	64.0	-58.2	198.2	198.2	-77.4	6.	0.0008	0.0009	0.1037	284.0	23.6
17863.	63.5	-58.0	199.7	199.7	-78.4	5.	0.0007	0.0008	0.1028	284.0	23.7
17903.	63.1	-58.0	200.5	200.5	-77.3	6.	0.0008	0.0009	0.1022	284.0	23.8
17953.	62.6	-57.9	201.8	201.8	-77.2	6.	0.0009	0.0010	0.1013	284.0	23.9
17994.	62.2	-57.7	203.1	203.1	-77.0	6.	0.0009	0.0010	0.1006	284.0	24.0
18044.	61.7	-57.6	204.5	204.5	-78.1	5.	0.0007	0.0008	0.0997	284.0	24.1
18085.	61.3	-57.6	205.3	205.3	-78.1	5.	0.0007	0.0008	0.0991	284.0	24.2
18137.	60.8	-57.5	206.7	206.7	-78.0	5.	0.0008	0.0008	0.0982	284.0	24.2
18179.	60.4	-57.5	207.6	207.6	-78.0	5.	0.0008	0.0008	0.0976	284.0	24.4
18231.	59.9	-57.4	209.0	209.0	-77.9	5.	0.0008	0.0008	0.0967	285.0	24.5
18273.	59.5	-57.5	209.7	209.7	-78.0	5.	0.0006	0.0006	0.0961	285.0	24.6
18316.	59.1	-57.7	210.1	210.1	-78.1	5.	0.0007	0.0008	0.0956	285.0	24.7
18369.	58.6	-57.8	211.1	211.1	-78.2	5.	0.0007	0.0008	0.0948	286.0	24.9
18412.	58.2	-57.8	212.0	212.0	-78.2	5.	0.0007	0.0008	0.0941	286.0	24.9
18456.	57.8	-57.8	213.0	213.0	-78.2	5.	0.0007	0.0008	0.0935	287.0	25.0
18510.	57.3	-57.8	214.2	214.2	-78.2	5.	0.0007	0.0008	0.0927	287.0	25.2
18555.	56.9	-57.7	215.4	215.4	-78.1	5.	0.0007	0.0008	0.0920	288.0	25.2
18599.	56.5	-57.6	216.6	216.6	-76.1	5.	0.0007	0.0008	0.0913	288.0	25.4
18644.	56.1	-57.5	217.8	217.8	-78.0	5.	0.0006	0.0008	0.0906	288.0	25.5
18689.	55.7	-57.5	218.8	218.8	-78.0	5.	0.0008	0.0008	0.0900	289.0	25.7
18734.	55.3	-57.4	220.1	220.1	-77.9	5.	0.0008	0.0008	0.0893	289.0	25.8
18780.	54.9	-57.4	221.1	221.1	-77.9	5.	0.0008	0.0008	0.0886	290.0	26.0
18826.	54.5	-57.3	222.4	222.4	-77.8	5.	0.0008	0.0009	0.0880	290.0	26.1
18873.	54.1	-57.4	223.2	223.2	-77.9	5.	0.0008	0.0008	0.0874	290.0	26.3
18920.	53.7	-57.4	224.2	224.2	-77.9	5.	0.0008	0.0008	0.0867	291.0	26.4
18955.	53.4	-57.4	225.0	225.0	-77.9	5.	0.0008	0.0008	0.0862	291.0	26.6
19002.	53.0	-57.3	226.3	226.3	-77.8	5.	0.0008	0.0009	0.0855	291.0	26.7
19050.	52.6	-57.2	227.7	227.7	-77.7	5.	0.0008	0.0009	0.0849	291.0	26.9
19098.	52.2	-57.2	228.7	228.7	-79.1	4.	0.0006	0.0007	0.0842	292.0	27.0
19147.	51.8	-57.3	229.6	229.6	-79.2	4.	0.0006	0.0007	0.0836	292.0	27.3
19196.	51.4	-57.4	230.5	230.5	-79.3	4.	0.0006	0.0007	0.0830	292.0	27.4
19245.	51.0	-57.4	231.6	231.6	-79.3	4.	0.0006	0.0007	0.0823	292.0	27.4
19282.	50.7	-57.3	232.7	232.7	-77.8	5.	0.0008	0.0009	0.0818	292.0	27.7
19332.	50.3	-57.2	234.1	234.1	-77.7	5.	0.0008	0.0009	0.0811	292.0	27.9
19383.	49.9	-57.0	235.7	235.7	-79.0	4.	0.0006	0.0007	0.0804	292.0	28.0
19434.	49.5	-56.9	237.1	237.1	-78.9	4.	0.0007	0.0007	0.0797	292.0	28.3
19472.	49.2	-56.8	238.2	238.2	-78.8	4.	0.0007	0.0007	0.0792	292.0	28.4
19524.	48.8	-56.8	239.4	239.4	-78.8	4.	0.0007	0.0007	0.0786	292.0	28.6
19570.	48.4	-56.9	240.4	240.4	-78.9	4.	0.0007	0.0007	0.0780	292.0	28.8
19615.	48.1	-56.9	241.3	241.3	-78.9	4.	0.0007	0.0007	0.0775	292.0	29.0
19668.	47.7	-56.9	242.6	242.6	-78.9	4.	0.0007	0.0007	0.0768	292.0	29.1
19708.	47.4	-56.8	243.7	243.7	-78.8	4.	0.0007	0.0007	0.0763	292.0	29.4
19761.	47.0	-56.7	245.2	245.2	-78.7	4.	0.0007	0.0007	0.0756	292.0	29.6
19815.	46.6	-56.6	246.7	246.7	-78.6	4.	0.0007	0.0008	0.0750	292.0	29.8
19856.	46.3	-56.5	247.9	247.9	-78.5	4.	0.0007	0.0008	0.0744	292.0	30.0
19911.	45.9	-56.5	249.2	249.2	-78.5	4.	0.0007	0.0008	0.0738	292.0	30.2
19953.	45.6	-56.4	250.4	250.4	-78.5	4.	0.0007	0.0008	0.0733	292.0	30.2
20009.	45.2	-56.3	252.0	252.0	-78.4	4.	0.0007	0.0008	0.0726	293.0	30.4
20051.	44.9	-56.2	253.2	253.2	-78.3	4.	0.0007	0.0008	0.0721	293.0	30.6
20108.	44.5	-56.1	254.8	254.8	-78.2	4.	0.0007	0.0008	0.0714	293.0	30.8
20150.	44.2	-55.9	256.3	256.3	-78.1	4.	0.0007	0.0008	0.0709	293.0	31.0
20194.	43.9	-55.8	258.1	258.1	-77.8	4.	0.0008	0.0009	0.0703	293.0	31.3
20252.	43.5	-55.5	260.2	260.2	-77.6	4.	0.0008	0.0009	0.0696	293.0	31.4
20296.	43.2	-55.1	261.8	261.8	-77.4	4.	0.0008	0.0009	0.0690	294.0	31.5
20341.	42.9	-54.9	263.3	263.3	-77.3	4.	0.0008	0.0009	0.0685	294.0	31.3
20385.	42.6	-54.8	264.7	264.7	-77.2	4.	0.0009	0.0010	0.0680	294.0	31.7
20430.	42.3	-54.6	266.2	266.2	-77.0	4.	0.0009	0.0010	0.0674	295.0	31.4
20491.	41.9	-54.5	267.9	267.9	-78.7	3.	0.0007	0.0007	0.0668	295.0	31.2
20537.	41.6	-54.5	269.1	269.1	-78.7	3.	0.0007	0.0007	0.0663	296.0	31.2
20569.	41.4	-54.4	270.1	270.1	-78.6	3.	0.0007	0.0008	0.0659	296.0	31.0

SOUNDING 26.0
LATITUDE -61.4 LONGITUDE 2.7
DATE 10-28-81 TIME 1211 GMT
NUMBER OF LEVELS 421

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	972.6	-12.2	-10.4	-1.0	-14.2	87.	1.8148	1.5177	1.1906	227.0	12.0
34.	967.1	-12.3	-9.8	-7.7	-22.3	56.	0.8284	0.7156	1.2623	221.0	11.5
60.	961.9	-12.5	-9.4	-8.3	-21.8	41.	0.8705	0.7509	1.2853	222.0	12.1
121.	956.7	-12.6	-9.2	-9.2	-21.6	43.	0.8889	0.7657	1.2799	223.0	12.4
160.	951.8	-12.8	-9.1	-9.0	-21.3	45.	0.9135	0.7862	1.2743	224.0	12.4
197.	947.2	-13.1	-9.0	-8.9	-20.9	46.	0.9442	0.8146	1.2697	225.0	12.3
236.	942.4	-13.4	-9.0	-8.9	-21.1	46.	0.9142	0.7890	1.2671	225.0	12.2
274.	937.6	-13.7	-9.0	-8.9	-21.4	46.	0.9144	0.7895	1.2646	225.0	12.2
314.	932.7	-13.9	-10.1	-10.0	-21.4	57.	0.8844	0.7776	1.2619	225.0	11.9
351.	928.1	-14.1	-10.7	-10.6	-21.4	61.	0.8656	0.7797	1.2591	226.0	11.7
389.	923.4	-14.7	-10.8	-10.7	-21.2	62.	0.8613	0.7924	1.2561	227.0	12.0
427.	918.7	-17.2	-10.9	-10.8	-21.1	68.	0.9332	0.8023	1.2512	227.0	12.0
467.	913.8	-17.6	-10.8	-10.7	-21.2	71.	0.9248	0.7953	1.2465	227.0	12.1
508.	908.8	-18.0	-10.9	-10.8	-21.6	71.	0.8904	0.7671	1.2416	227.0	12.1
547.	904.1	-18.4	-11.2	-10.9	-21.8	72.	0.8898	0.7697	1.2371	227.0	12.2
587.	899.2	-18.9	-11.1	-11.0	-22.0	74.	0.8807	0.7704	1.2328	227.0	12.2
628.	894.3	-19.4	-11.2	-11.1	-22.4	75.	0.8566	0.7516	1.2284	227.0	12.2
671.	889.1	-19.8	-11.1	-11.1	-22.6	76.	0.8032	0.6947	1.2232	227.0	12.2
714.	883.9	-20.1	-11.0	-10.9	-22.8	77.	0.7937	0.6843	1.2169	227.0	12.2
767.	877.7	-20.4	-10.9	-10.7	-23.0	76.	0.7592	0.6574	1.2104	227.0	12.2
815.	871.8	-20.7	-10.8	-10.6	-23.2	76.	0.7266	0.6294	1.2037	227.0	12.2
869.	865.6	-21.1	-10.8	-10.4	-24.2	75.	0.6883	0.6083	1.1970	227.0	12.2
920.	859.6	-20.2	-9.5	-8.4	-23.2	75.	0.7627	0.6611	1.1905	229.0	12.2
972.	853.7	-19.2	-7.6	-7.4	-22.3	74.	0.8281	0.7154	1.1718	230.0	12.2
1027.	847.4	-18.2	-5.8	-5.6	-24.0	57.	0.7114	0.6104	1.1585	230.0	12.2
1080.	841.4	-17.2	-4.3	-4.2	-26.4	41.	0.5644	0.4867	1.1457	230.0	12.2
1130.	835.8	-16.2	-2.9	-2.9	-35.4	26.	0.3477	0.3282	1.1339	230.0	12.2
1178.	830.5	-16.2	-2.3	-2.3	-40.4	8.	0.1815	0.1127	1.1252	230.0	12.2
1230.	824.7	-15.8	-1.6	-1.6	-40.4	8.	0.1778	0.1147	1.1165	230.0	12.2
1285.	818.7	-15.4	-0.7	-0.7	-41.6	7.	0.1778	0.1088	1.1083	230.0	12.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1555.	813.	-15.	-5.3	-5.3	-41.6	7.	0.1078	0.1009	1.1017	228.0	9.7
1384.	824.	-14.	-3.3	-3.3	-42.9	6.	0.0924	0.0872	1.0945	228.0	9.8
1429.	817.	-15.7	-5.3	-5.3	-43.8	6.	0.0843	0.0878	1.0869	228.0	10.0
1460.	747.	-15.5	1.1	1.1	-43.8	6.	0.0816	0.0862	1.0800	228.0	10.1
1534.	734.	-16.1	1.7	1.7	-44.6	5.	0.0756	0.0717	1.0731	227.0	10.2
1564.	788.	-16.1	2.1	2.1	-44.7	5.	0.0748	0.0710	1.0664	228.0	10.4
1634.	781.	-16.1	2.6	2.7	-44.7	5.	0.0746	0.0710	1.0593	228.0	10.5
1690.	776.	-16.1	3.1	3.1	-44.8	5.	0.0742	0.0704	1.0524	229.0	10.6
1759.	770.	-16.2	3.5	3.5	-44.7	4.	0.0628	0.0567	1.0456	229.0	10.7
1791.	765.	-16.3	3.8	3.8	-46.9	4.	0.0577	0.0553	1.0390	229.0	10.8
1844.	760.	-16.7	4.2	4.2	-47.0	4.	0.0567	0.0543	1.0324	230.0	10.8
1890.	754.	-17.1	4.4	4.4	-47.4	4.	0.0546	0.0524	1.0266	230.0	10.9
1952.	749.	-17.4	4.8	4.8	-47.6	4.	0.0531	0.0510	1.0204	231.0	11.0
2006.	743.	-17.7	4.9	4.9	-47.8	4.	0.0516	0.0496	1.0145	232.0	11.1
2057.	738.	-17.9	5.1	5.1	-48.0	4.	0.0506	0.0487	1.0082	232.0	11.1
2143.	733.	-18.1	5.3	5.3	-50.5	3.	0.0377	0.0362	1.0015	233.0	11.2
2171.	727.	-18.3	5.5	5.6	-50.6	3.	0.0366	0.0356	0.9945	234.0	11.1
2228.	721.	-18.7	5.1	6.1	-50.9	3.	0.0352	0.0343	0.9882	235.0	11.1
2289.	716.	-18.8	6.6	6.6	-48.8	4.	0.0460	0.0445	0.9811	236.0	11.1
2350.	71	-19.1	7.0	7.0	-48.9	4.	0.0452	0.0436	0.9739	237.0	11.0
2401.	704.	-19.	7.5	7.5	-51.3	3.	0.0336	0.0328	0.9667	238.0	11.0
2468.	698.	-19.4	7.8	7.8	-51.5	3.	0.0329	0.0322	0.9601	239.0	10.9
2522.	693.	-19.5	8.4	8.4	-51.5	3.	0.0326	0.0319	0.9530	239.0	10.9
2577.	687.	-19.	8.8	8.8	-51.6	3.	0.0321	0.0316	0.9463	241.0	11.0
2632.	681.	-19.	9.1	9.1	-51.8	3.	0.0317	0.0310	0.9401	242.0	11.0
2686.	676.	-20.	9.4	9.4	-51.9	3.	0.0311	0.0304	0.9345	242.0	11.0
2737.	670.	-20.	9.9	9.9	-52.2	3.	0.0300	0.0296	0.9288	243.0	11.0
2791.	665.	-20.	10.	10.	-52.4	3.	0.0293	0.0288	0.9234	244.0	11.0
2855.	659.	-20.	10.3	10.3	-52.6	3.	0.0285	0.0280	0.9181	244.0	11.1
2891.	656.	-21.	10.5	10.5	-52.6	4.	0.0365	0.0359	0.9127	246.0	11.1
2945.	650.	-21.	10.7	10.7	-50.9	4.	0.0355	0.0346	0.9075	246.0	11.2
2994.	645.	-22.	10.6	10.8	-44.5	6.	0.0416	0.0406	0.9030	246.0	11.3
3060.	64	-22.	10.8	10.8	-45.4	6.	0.0478	0.0461	0.8983	247.0	11.3
3110.	641.	-23.	10.7	10.8	-47.5	7.	0.0537	0.0515	0.8933	247.0	11.4
3154.	636.	-23.	10.8	10.8	-47.9	7.	0.0511	0.0491	0.8886	247.0	11.5
3212.	631.	-24.	10.9	10.9	-47.1	8.	0.0561	0.0534	0.8834	247.0	11.5
3269.	626.	-24.	11.0	11.0	-47.5	8.	0.0534	0.0513	0.8783	247.0	11.5
3326.	621.	-24.	11.1	11.2	-47.9	8.	0.0513	0.0493	0.8730	247.0	11.5
3377.	617.	-25.	11.3	11.3	-48.2	8.	0.0493	0.0475	0.8681	247.0	11.5
3432.	612.	-25.	11.3	11.3	-48.6	8.	0.0469	0.0452	0.8634	247.0	11.5
3485.	608.	-26.	11.3	11.3	-50.1	7.	0.0390	0.0379	0.8588	247.0	11.5
3534.	603.	-26.	11.5	11.5	-50.4	7.	0.0375	0.0364	0.8537	247.0	11.5
3588.	598.	-27.	11.5	11.5	-50.8	7.	0.0356	0.0347	0.8487	246.0	11.6
3652.	594.	-27.	11.7	11.7	-50.1	8.	0.0391	0.0379	0.8432	246.0	11.7
3714.	587.	-27.	12.0	12.0	-50.3	8.	0.0379	0.0368	0.8377	246.0	11.6
3767.	584.	-28.	12.4	12.4	-51.6	7.	0.0328	0.0318	0.8318	245.0	11.7
3822.	579.	-28.	12.6	12.6	-53.1	6.	0.0267	0.0263	0.8267	245.0	11.7
3866.	575.	-28.	12.9	12.9	-54.8	5.	0.0216	0.0214	0.8208	244.0	11.8
3940.	571.	-29.	13.1	13.1	-55.1	5.	0.0207	0.0206	0.8155	244.0	11.8
3993.	566.	-29.	13.3	13.3	-55.4	5.	0.0199	0.0198	0.8107	245.0	12.0
4040.	562.	-30.	13.4	13.4	-55.7	5.	0.0191	0.0190	0.8059	243.0	12.0
4103.	556.	-31.	13.5	13.5	-56.1	5.	0.0181	0.0181	0.8013	243.0	12.1
4166.	552.	-31.	13.5	13.5	-56.5	5.	0.0172	0.0172	0.7966	243.0	12.3
4217.	548.	-31.4	13.7	13.7	-56.9	5.	0.0165	0.0165	0.7914	242.0	12.3
4277.	544.	-31.	13.8	13.8	-57.3	5.	0.0156	0.0157	0.7864	244.0	12.4
4334.	540.	-32.	13.9	13.9	-57.7	5.	0.0148	0.0149	0.7817	244.0	12.5
4391.	535.	-32.	14.6	14.6	-57.7	5.	0.0148	0.0149	0.7753	244.0	12.6
4448.	531.	-32.	15.0	15.0	-57.8	5.	0.0145	0.0146	0.7696	245.0	12.7
4506.	527.	-32.	15.3	15.3	-58.1	5.	0.0140	0.0142	0.7642	246.0	12.7
4566.	522.	-33.	15.6	15.7	-58.3	5.	0.0136	0.0137	0.7589	245.0	12.8
4622.	518.	-33.	16.1	16.1	-58.5	5.	0.0133	0.0134	0.7535	246.0	13.0
4677.	514.	-33.	16.5	16.5	-60.3	4.	0.0104	0.0106	0.7484	246.0	13.1
4729.	510.	-33.	16.9	16.9	-60.4	4.	0.0102	0.0104	0.7432	246.0	13.1
4788.	505.	-34.	17.3	17.3	-60.6	4.	0.0100	0.0102	0.7378	245.0	13.2
4843.	501.	-34.	17.5	17.5	-60.9	4.	0.0096	0.0098	0.7331	245.0	13.2
4897.	496.	-34.	17.6	17.6	-61.2	4.	0.0092	0.0094	0.7286	245.0	13.3
4942.	493.	-35.	17.8	17.8	-61.5	4.	0.0089	0.0091	0.7245	243.0	13.5
4995.	491.	-35.	18.1	18.1	-61.7	4.	0.0086	0.0088	0.7202	242.0	13.6
5051.	487.	-35.	18.2	18.2	-62.0	4.	0.0082	0.0084	0.7157	242.0	13.8
5105.	483.	-36.	18.5	18.5	-64.3	3.	0.0060	0.0062	0.7110	240.0	14.0
5162.	479.	-36.	19.0	19.0	-64.5	3.	0.0058	0.0061	0.7057	238.0	14.3
5222.	475.	-36.	19.4	19.4	-64.6	3.	0.0057	0.0059	0.7003	237.0	14.4
5277.	471.	-36.	19.4	19.4	-64.8	3.	0.0056	0.0058	0.6953	236.0	14.7
5334.	468.	-37.	20.2	20.2	-65.0	3.	0.0054	0.0056	0.6907	236.0	14.8
5385.	464.	-37.	20.2	20.2	-65.4	3.	0.0051	0.0053	0.6870	236.0	15.0
5438.	461.	-37.	20.7	20.7	-65.7	3.	0.0049	0.0051	0.6830	236.0	15.2
5486.	457.	-38.	20.4	20.4	-66.0	3.	0.0047	0.0049	0.6789	235.0	15.5
5539.	454.	-38.	20.7	20.7	-66.3	3.	0.0045	0.0047	0.6747	236.0	15.7
5592.	450.	-38.	21.2	21.2	-66.5	3.	0.0045	0.0047	0.6698	235.0	16.0
5641.	447.	-38.	21.6	21.6	-66.5	3.	0.0044	0.0046	0.6656	236.0	16.1
5693.	444.	-39.	21.9	21.9	-66.7	3.	0.0042	0.0044	0.6614	236.0	16.3
5744.	440.	-39.	22.2	22.2	-66.9	3.	0.0041	0.0043	0.6571	237.0	16.4
5792.	437.	-39.	22.6	22.6	-67.0	3.	0.0040	0.0042	0.6524	237.0	16.6
5850.	434.	-39.	23.1	23.1	-67.1	3.	0.0040	0.0042	0.6478	237.0	16.8
5904.	430.	-39.	23.8	23.8	-67.1	3.	0.0040	0.0042	0.6427	238.0	17.0
5956.	427.	-39.	24.3	24.3	-67.2	3.	0.0040	0.0042	0.6381	238.0	17.1
6011.	424.	-39.	24.9	24.9	-67.3	3.	0.0039	0.0041	0.6333	238.0	17.3
6062.	421.	-40.	25.0	25.0	-67.6	3.	0.0037	0.0039	0.6296	239.0	17.5
6114.	417.	-40.	25.1	25.1	-67.9	3.	0.0036	0.0038	0.6258	240.0	17.3
6166.	414.	-41.	25.3	25.3	-70.9	2.	0.0023	0.0024	0.6221	241.0	17.4
6219.	411.	-41.	25.4	25.4	-71.2	2.	0.0022	0.0023	0.6184	242.0	17.4
6274.	407.	-41.	25.7	25.7	-71.5	2.	0.0021	0.0023	0.6144	243.0	17.5
6325.	404.	-42.	25.7	25.7	-71.8	2.	0.0020	0.0021	0.6109	241.0	17.5
6377.	401.	-42.	25.9	25.9	-69.5	3.	0.0028	0.0030	0.6072	240.0	17.6
6426.	397.	-43.	26.0	26.0	-69.8	3.	0.0027	0.0029	0.6039	240.0	18.4
6473.	394.	-43.	26.2	26.2	-70.0	3.	0.0026	0.0028	0.6004	241.0	18.9
6517.	391.	-43.	26.4	26.4	-70.2	3.	0.0025	0.0027	0.5973	238.0	18.8
6565.	387.	-44.	26.6	26.6	-70.5	3.	0.0024	0.0026	0.5938	238.0	19.0
6611.	384.	-44.	26.8	26.8	-70.7	3.	0.0024	0.0025	0.5905	238.0	18.8
6656.	381.	-44.	27.0	27.0	-70.9	3.	0.0023	0.0024	0.5871	239.0	18.9
6704.	378.	-45.	27.2	27.2	-71.2	3.	0.0022	0.0023	0.5842	239.0	19.0
6747.	375.	-45.	27.2	27.2	-71.5	3.	0.0021	0.0022	0.5811	239.0	19.3
6793.	371.	-45.	27.4	27.4	-71.7	3.	0.0020	0.0022	0.5779	237.0	19.4
6840.	368.	-46.	27.5	27.5	-72.0	3.	0.0019	0.0021	0.5748	237.0	19.4
6885.	365.	-46.	27.5	27.5	-72.3	3.	0.0018	0.0020	0.5720	237.0	19.7
6929.	362.	-46.	27.7	27.7	-70.7	4.	0.0024	0.0025	0.5689	237.0	19.6
6974.	359.	-47.	27.9	27.9	-72.8	3.	0.0017	0.0018	0.5658	237.0	19.6
7019.	356.	-47.	28.1	28.1	-73.1	3.	0.0016	0.0018	0.5627	238.0	19.7
7063.	352.	-47.	28.3	28.3	-71.4	4.	0.0021	0.0023	0.5597	238.0	20.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7114.	356.4	-48.1	28.4	28.4	-73.6	3.	0.0010	0.0016	0.5567	244.0	2.4
7124.	357.4	-48.0	28.6	28.6	-73.5	3.	0.0010	0.0016	0.5535	245.0	20.4
7199.	365.0	-48.0	29.0	29.0	-73.5	3.	0.0010	0.0016	0.5502	245.0	20.5
7241.	369.7	-47.9	29.2	29.2	-74.1	3.	0.0010	0.0016	0.5472	99.9	99.9
7284.	374.4	-47.9	29.4	29.4	-74.3	3.	0.0010	0.0015	0.5447	244.0	20.7
7326.	379.2	-47.8	29.6	29.6	-74.7	3.	0.0010	0.0015	0.5421	244.0	14.2
7371.	384.3	-47.8	29.9	29.9	-75.1	3.	0.0010	0.0015	0.5396	244.0	20.6
7415.	389.4	-47.8	30.1	30.1	-75.4	3.	0.0011	0.0015	0.5368	244.0	20.6
7464.	394.9	-47.8	30.4	30.4	-75.5	3.	0.0011	0.0015	0.5331	240.0	20.7
7508.	399.8	-47.8	30.6	30.6	-75.6	3.	0.0011	0.0015	0.5305	99.9	20.5
7554.	404.9	-47.8	30.9	30.9	-75.9	3.	0.0011	0.0014	0.5270	99.9	99.9
7597.	409.8	-47.8	31.1	31.1	-76.1	3.	0.0011	0.0014	0.5242	99.9	99.9
7642.	415.1	-47.8	31.4	31.4	-76.4	3.	0.0011	0.0014	0.5213	230.0	10.2
7687.	420.4	-47.7	31.6	31.6	-76.5	3.	0.0011	0.0014	0.5182	99.9	99.9
7736.	425.8	-47.7	31.9	31.9	-76.7	3.	0.0011	0.0013	0.5146	99.9	99.9
7786.	431.4	-47.7	32.1	32.1	-76.7	3.	0.0010	0.0013	0.5108	99.9	99.9
7836.	437.1	-47.7	32.4	32.4	-79.4	2.	0.0008	0.0007	0.5075	99.9	99.9
7886.	442.7	-47.7	32.6	32.6	-77.1	2.	0.0009	0.0010	0.5047	99.9	99.9
7926.	447.4	-47.7	32.8	32.8	-77.5	2.	0.0009	0.0009	0.5022	99.9	99.9
7971.	452.6	-47.7	32.7	32.7	-77.7	2.	0.0009	0.0009	0.4992	99.9	99.9
8014.	457.5	-47.7	32.7	32.7	-78.0	2.	0.0008	0.0008	0.4968	241.0	22.4
8058.	462.6	-47.7	32.7	32.7	-78.3	2.	0.0008	0.0007	0.4942	242.0	23.0
8102.	467.8	-47.7	32.7	32.7	-78.6	2.	0.0008	0.0007	0.4918	99.9	99.9
8144.	472.8	-47.7	32.7	32.7	-78.8	2.	0.0008	0.0007	0.4895	99.9	99.9
8187.	478.1	-47.7	32.7	32.7	-79.3	2.	0.0008	0.0007	0.4867	99.9	99.9
8230.	483.4	-47.7	32.7	32.7	-79.6	2.	0.0008	0.0007	0.4842	99.9	99.9
8274.	488.8	-47.7	32.7	32.7	-79.8	2.	0.0008	0.0006	0.4815	245.0	24.2
8325.	494.2	-48.2	32.4	32.4	-80.1	2.	0.0008	0.0006	0.4788	244.0	24.2
8375.	496.1	-48.5	32.2	32.2	-82.7	2.	0.0007	0.0004	0.4761	244.0	24.1
8417.	493.3	-48.6	32.0	32.0	-83.0	2.	0.0007	0.0004	0.4734	245.0	23.7
8469.	491.5	-47.4	33.7	33.7	-83.4	2.	0.0008	0.0004	0.4707	245.0	23.5
8516.	489.3	-47.5	33.7	33.7	-81.2	2.	0.0008	0.0004	0.4680	245.0	23.5
8564.	487.1	-48.2	33.6	33.6	-84.1	2.	0.0008	0.0003	0.4653	245.0	23.4
8611.	484.9	-48.5	33.6	33.6	-84.5	2.	0.0008	0.0003	0.4627	246.0	23.4
8655.	482.8	-48.1	33.4	33.4	-84.7	2.	0.0008	0.0003	0.4626	245.0	23.6
8711.	480.6	-48.6	33.4	33.4	-85.1	2.	0.0008	0.0003	0.4582	248.0	23.1
8746.	478.3	-48.0	33.5	33.5	-85.4	2.	0.0008	0.0002	0.4558	245.0	23.6
8791.	476.9	-48.3	33.4	33.4	-85.7	2.	0.0008	0.0002	0.4532	245.0	23.5
8836.	474.8	-48.8	33.4	33.4	-86.0	2.	0.0008	0.0002	0.4508	246.0	23.7
8886.	472.6	-48.9	33.4	33.4	-86.3	2.	0.0008	0.0002	0.4475	245.0	23.7
8931.	470.7	-48.9	33.4	33.4	-86.1	2.	0.0008	0.0002	0.4443	245.0	23.7
8977.	468.7	-48.2	33.3	33.3	-86.4	2.	0.0008	0.0002	0.4416	244.0	23.8
9021.	466.8	-48.5	33.3	33.3	-86.6	2.	0.0008	0.0002	0.4391	244.0	23.9
9068.	464.8	-48.4	33.3	33.3	-86.7	2.	0.0008	0.0002	0.4360	243.0	24.0
9112.	462.9	-48.7	33.3	33.3	-86.7	2.	0.0008	0.0002	0.4331	243.0	24.2
9158.	460.9	-48.9	33.3	33.3	-86.9	2.	0.0008	0.0002	0.4302	242.0	24.2
9212.	458.7	-48.4	33.4	33.4	-87.1	2.	0.0008	0.0002	0.4270	242.0	24.3
9259.	456.7	-48.2	33.4	33.4	-87.1	2.	0.0008	0.0002	0.4239	242.0	24.4
9305.	454.9	-48.3	33.4	33.4	-87.2	2.	0.0008	0.0002	0.4211	241.0	24.5
9347.	453.1	-48.6	33.6	33.6	-87.4	2.	0.0008	0.0002	0.4188	241.0	24.5
9396.	451.2	-48.3	33.7	33.7	-87.8	2.	0.0008	0.0002	0.4164	241.0	24.5
9435.	449.5	-48.3	33.8	33.8	-88.0	2.	0.0008	0.0002	0.4142	241.0	24.5
9481.	447.6	-48.6	33.9	33.9	-88.2	2.	0.0008	0.0002	0.4116	241.0	24.6
9526.	445.8	-48.4	33.9	33.9	-87.1	2.	0.0008	0.0002	0.4090	241.0	24.7
9569.	444.1	-48.6	33.7	33.7	-88.5	2.	0.0008	0.0001	0.4066	241.0	24.7
9611.	442.4	-48.4	34.0	34.0	-88.7	2.	0.0008	0.0001	0.4041	242.0	24.7
9654.	440.7	-48.4	34.0	34.0	-88.9	2.	0.0008	0.0001	0.4017	242.0	24.7
9703.	438.8	-48.6	34.0	34.0	-89.0	2.	0.0008	0.0001	0.3989	242.0	24.7
9754.	436.8	-48.7	34.0	34.0	-89.1	2.	0.0008	0.0001	0.3957	242.0	24.8
9806.	434.8	-48.8	34.0	34.0	-89.2	2.	0.0008	0.0001	0.3929	243.0	24.8
9847.	433.2	-48.9	34.0	34.0	-89.2	2.	0.0008	0.0001	0.3901	243.0	24.9
9896.	431.3	-49.1	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3876	244.0	24.9
9934.	429.9	-49.2	34.0	34.0	-89.5	2.	0.0008	0.0001	0.3851	244.0	24.9
9974.	428.2	-49.3	34.0	34.0	-89.5	2.	0.0008	0.0001	0.3825	244.0	24.9
10022.	426.6	-49.6	34.0	34.0	-89.8	2.	0.0008	0.0001	0.3803	245.0	24.9
10067.	424.9	-49.4	34.0	34.0	-89.6	2.	0.0008	0.0001	0.3771	245.0	24.9
10116.	423.1	-49.4	34.0	34.0	-89.6	2.	0.0008	0.0001	0.3741	245.0	24.9
10165.	421.3	-49.5	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3713	245.0	24.9
10212.	419.6	-49.5	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3684	245.0	24.9
10259.	417.9	-49.5	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3656	245.0	24.9
10301.	416.4	-49.5	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3630	245.0	24.9
10346.	414.8	-49.5	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3604	245.0	24.9
10392.	413.2	-49.4	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3575	245.0	24.9
10437.	411.6	-49.4	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3546	245.0	24.9
10481.	410.1	-49.3	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3521	245.0	24.9
10521.	408.7	-49.3	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3498	245.0	24.9
10562.	407.3	-49.2	34.0	34.0	-89.6	2.	0.0008	0.0001	0.3476	246.0	24.9
10603.	405.9	-49.2	34.0	34.0	-89.7	2.	0.0008	0.0001	0.3454	246.0	24.9
10644.	404.4	-49.2	34.0	34.0	-89.5	2.	0.0008	0.0001	0.3429	246.0	24.9
10689.	403.0	-49.4	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3404	246.0	24.9
10734.	401.5	-49.4	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3379	246.0	24.9
10780.	400.0	-49.4	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3354	246.0	24.9
10826.	398.4	-49.4	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3327	247.0	24.9
10875.	396.9	-49.4	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3302	247.0	24.9
10924.	395.3	-49.4	34.0	34.0	-89.4	2.	0.0008	0.0001	0.3275	247.0	24.9
10974.	393.7	-49.3	34.0	34.0	-89.3	2.	0.0008	0.0001	0.3246	247.0	24.9
11025.	392.1	-49.2	34.0	34.0	-89.2	2.	0.0008	0.0001	0.3218	247.0	24.9
11069.	390.7	-49.2	34.0	34.0	-89.2	2.	0.0008	0.0001	0.3195	247.0	24.9
11117.	389.2	-49.2	34.0	34.0	-89.2	2.	0.0008	0.0001	0.3169	247.0	24.9
11162.	387.8	-49.2	34.0	34.0	-89.3	2.	0.0008	0.0001	0.3148	247.0	24.9
11205.	386.5	-49.2	34.0	34.0	-89.1	2.	0.0008	0.0001	0.3121	247.0	24.9
11250.	385.1	-49.2	34.0	34.0	-89.0	2.	0.0008	0.0001	0.3092	247.0	24.9
11297.	383.7	-49.2	34.0	34.0	-88.7	2.	0.0008	0.0001	0.3063	247.0	24.9
11344.	382.3	-49.1	34.0	34.0	-88.3	3.	0.0008	0.0002	0.3038	247.0	24.9
11387.	381.0	-49.0	34.0	34.0	-88.3	3.	0.0008	0.0002	0.3015	247.0	24.9
11431.	379.7	-48.9	34.0	34.0	-88.2	3.	0.0008	0.0002	0.2992	248.0	24.8
11479.	378.3	-49.1	34.0	34.0	-88.3	3.	0.0008	0.0002	0.2971	248.0	24.8
11527.	376.9	-49.4	34.0	34.0	-88.6	3.	0.0008	0.0002	0.2952	248.0	24.8
11572.	375.6	-49.5	34.0	34.0	-88.9	3.	0.0008	0.0002	0.2932	248.0	24.8
11621.	374.2	-49.6	34.0	34.0	-88.7	3.	0.0008	0.0002	0.2910	248.0	24.8
11668.	372.9	-49.6	34.0	34.0	-88.7	3.	0.0008	0.0002	0.2890	248.0	24.8
11709.	371.7	-49.5	34.0	34.0	-88.7	3.	0.0008	0.0002	0.2867	248.0	24.8
11756.	370.4	-49.5	34.0	34.0	-88.5	3.	0.0008	0.0002	0.2842	248.0	24.8
11802.	369.1	-49.4	34.0	34.0	-88.8	2.	0.0008	0.0001	0.2821	249.0	24.8
11849.	367.8	-49.4	34.0	34.0	-88.8	2.	0.0008	0.0001	0.2800	249.0	24.8
11897.	366.5	-49.5	34.0	34.0	-88.7	2.	0.0008	0.0001	0.2780	249.0	24.8
11945.	365.2	-49.6	34.0	34.0	-89.0	2.	0.0008	0.0001	0.2759	249.0	24.8
11993.	363.9	-49.8	34.0	34.0	-89.2	2.	0.0008	0.0001	0.2740	249.0	24.8
12041.	362.6	-49.7	34.0	34.0	-88.8	3.	0.0008	0.0002	0.2717	249.0	24.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12090.	161.3	-64.6	78.0	78.0	-86.7	3.	0.0002	0.0002	0.2694	250.0	24.6
12136.	160.1	-64.4	79.1	79.1	-86.6	3.	0.0002	0.0002	0.2672	249.0	24.6
12186.	158.8	-64.3	80.1	80.1	-86.5	3.	0.0002	0.0002	0.2649	249.0	24.6
12232.	157.6	-64.2	81.0	81.0	-86.4	3.	0.0002	0.0002	0.2627	249.0	24.6
12283.	156.3	-64.2	81.9	81.9	-86.4	3.	0.0002	0.0002	0.2606	249.0	24.5
12334.	155.0	-64.3	82.6	82.6	-88.8	2.	0.0001	0.0001	0.2585	249.0	24.5
12377.	153.9	-64.3	83.3	83.3	-88.8	2.	0.0001	0.0001	0.2567	249.0	24.5
12425.	152.7	-64.3	84.1	84.1	-86.5	3.	0.0002	0.0002	0.2547	249.0	24.5
12469.	151.6	-64.2	85.0	85.0	-86.4	3.	0.0002	0.0002	0.2527	249.0	24.5
12517.	150.4	-64.1	86.0	86.0	-88.6	2.	0.0001	0.0001	0.2506	249.0	24.5
12562.	149.3	-64.2	86.6	86.6	-88.7	2.	0.0001	0.0001	0.2489	249.0	24.5
12607.	148.2	-64.3	87.1	87.1	-88.8	2.	0.0001	0.0001	0.2472	249.0	24.5
12653.	147.1	-64.4	87.7	87.7	-88.8	2.	0.0001	0.0001	0.2455	249.0	24.6
12699.	146.0	-64.7	88.0	88.0	-89.1	2.	0.0001	0.0001	0.2440	249.0	24.5
12745.	144.9	-64.3	89.5	89.5	-88.6	2.	0.0001	0.0001	0.2417	249.0	24.5
12791.	143.8	-64.2	90.4	90.4	-88.7	2.	0.0001	0.0001	0.2397	249.0	24.5
12834.	142.8	-64.2	91.2	91.2	-86.4	3.	0.0002	0.0002	0.2381	249.0	24.5
12877.	141.6	-64.3	91.7	91.7	-88.8	2.	0.0001	0.0001	0.2365	249.0	24.5
12920.	140.8	-64.3	92.5	92.5	-88.8	2.	0.0001	0.0001	0.2349	249.0	24.5
12964.	139.8	-64.2	93.4	93.4	-88.7	2.	0.0001	0.0001	0.2331	250.0	24.4
13012.	138.7	-64.1	94.4	94.4	-88.6	2.	0.0001	0.0001	0.2311	250.0	24.3
13056.	137.7	-64.0	95.3	95.3	-88.5	2.	0.0001	0.0001	0.2294	250.0	24.3
13101.	136.7	-63.8	96.4	96.4	-88.4	2.	0.0001	0.0002	0.2275	250.0	24.4
13146.	135.7	-63.5	97.7	97.7	-88.1	2.	0.0001	0.0002	0.2255	250.0	24.4
13191.	134.7	-63.6	98.3	98.3	-88.2	2.	0.0001	0.0002	0.2239	250.0	24.3
13237.	133.7	-63.7	99.0	99.0	-88.3	2.	0.0001	0.0002	0.2224	251.0	24.4
13276.	132.8	-63.7	99.7	99.7	-88.3	2.	0.0001	0.0002	0.2209	251.0	24.4
13324.	131.8	-63.8	100.3	100.3	-88.4	2.	0.0001	0.0002	0.2193	251.0	24.5
13366.	130.9	-64.0	100.7	100.7	-88.5	2.	0.0001	0.0001	0.2180	251.0	24.5
13408.	130.0	-64.1	101.2	101.2	-88.6	2.	0.0001	0.0001	0.2166	251.0	24.6
13456.	129.0	-64.3	101.7	101.7	-88.8	2.	0.0001	0.0001	0.2152	251.0	24.7
13498.	128.1	-64.2	102.6	102.6	-88.7	2.	0.0001	0.0001	0.2136	252.0	24.9
13541.	127.2	-64.3	103.2	103.2	-88.8	2.	0.0001	0.0001	0.2122	252.0	25.1
13585.	126.3	-64.5	103.6	103.6	-88.9	2.	0.0001	0.0001	0.2109	252.0	25.2
13633.	125.3	-64.6	104.3	104.3	-89.0	2.	0.0001	0.0001	0.2093	252.0	25.3
13677.	124.4	-64.8	105.6	105.6	-88.8	2.	0.0001	0.0001	0.2075	252.0	25.4
13717.	123.6	-64.2	106.5	106.5	-88.7	2.	0.0001	0.0001	0.2061	252.0	25.6
13766.	122.6	-64.1	107.6	107.6	-88.6	2.	0.0001	0.0001	0.2043	252.0	25.7
13811.	121.7	-64.0	108.5	108.5	-88.5	2.	0.0001	0.0001	0.2027	252.0	25.8
13852.	120.9	-63.8	109.6	109.6	-89.4	2.	0.0001	0.0002	0.2012	253.0	25.9
13897.	120.0	-63.6	110.8	110.8	-88.2	2.	0.0001	0.0002	0.1995	253.0	25.9
13938.	119.2	-63.3	112.1	112.1	-88.0	2.	0.0001	0.0002	0.1979	253.0	26.0
13980.	118.4	-62.9	113.6	113.6	-87.7	2.	0.0001	0.0002	0.1962	254.0	26.0
14027.	117.5	-63.0	114.2	114.2	-87.8	2.	0.0001	0.0002	0.1948	254.0	25.9
14068.	116.7	-63.1	114.8	114.8	-87.8	2.	0.0001	0.0002	0.1935	254.0	25.9
14116.	115.8	-63.1	115.7	115.7	-87.8	2.	0.0001	0.0002	0.1921	254.0	25.8
14164.	114.9	-63.2	116.3	116.3	-87.9	2.	0.0001	0.0002	0.1906	254.0	25.7
14212.	114.0	-63.2	117.2	117.2	-87.9	2.	0.0001	0.0002	0.1892	255.0	25.5
14255.	113.2	-63.2	118.0	118.0	-87.9	2.	0.0001	0.0002	0.1878	255.0	25.3
14304.	112.3	-63.1	119.1	119.1	-87.8	2.	0.0001	0.0002	0.1862	255.0	25.2
14348.	111.5	-63.0	120.1	120.1	-87.8	2.	0.0001	0.0002	0.1848	255.0	25.1
14393.	110.7	-63.1	120.7	120.7	-87.8	2.	0.0001	0.0002	0.1836	255.0	25.0
14443.	109.8	-63.1	121.6	121.6	-87.8	2.	0.0001	0.0002	0.1821	255.0	24.9
14486.	109.0	-63.1	122.4	122.4	-87.8	2.	0.0001	0.0002	0.1808	254.0	24.7
14536.	108.1	-63.1	123.4	123.4	-87.8	2.	0.0001	0.0002	0.1793	254.0	24.6
14584.	107.3	-63.2	124.1	124.0	-87.9	2.	0.0001	0.0002	0.1780	254.0	25.0
14636.	106.4	-63.4	124.6	124.6	-88.1	2.	0.0001	0.0002	0.1767	254.0	25.0
14682.	105.6	-63.5	125.3	125.3	-88.1	2.	0.0001	0.0002	0.1755	253.0	25.1
14729.	104.8	-63.6	126.0	126.0	-88.2	2.	0.0001	0.0002	0.1742	253.0	25.2
14781.	103.9	-63.6	126.9	126.9	-88.2	2.	0.0001	0.0002	0.1727	254.0	25.2
14829.	103.1	-63.6	127.6	127.6	-88.2	2.	0.0001	0.0002	0.1714	254.0	25.4
14877.	102.3	-63.5	128.4	128.4	-88.1	2.	0.0001	0.0002	0.1700	254.0	25.5
14925.	101.5	-63.3	129.2	129.2	-88.0	2.	0.0001	0.0002	0.1685	254.0	25.6
14973.	100.7	-63.1	131.0	131.0	-87.8	2.	0.0001	0.0002	0.1670	254.0	25.7
15022.	99.9	-63.0	132.6	132.6	-91.5	1.	0.0001	0.0001	0.1656	254.0	25.9
15078.	99.0	-63.1	133.5	133.5	-91.6	1.	0.0001	0.0001	0.1642	255.0	26.0
15134.	98.1	-63.3	134.1	134.1	-88.0	2.	0.0001	0.0002	0.1629	255.0	26.1
15190.	97.2	-63.4	135.0	135.0	-88.1	2.	0.0001	0.0002	0.1614	255.0	26.2
15241.	96.4	-63.3	136.2	136.2	-88.0	2.	0.0001	0.0002	0.1600	256.0	26.2
15292.	95.5	-63.1	137.7	137.7	-87.8	2.	0.0001	0.0002	0.1584	256.0	26.4
15352.	94.7	-63.0	138.9	138.9	-87.8	2.	0.0001	0.0002	0.1570	256.0	26.5
15396.	94.0	-63.2	139.7	139.7	-91.6	1.	0.0001	0.0001	0.1558	257.0	26.4
15446.	93.2	-63.2	140.3	140.3	-91.7	1.	0.0001	0.0001	0.1546	257.0	26.5
15495.	92.5	-63.3	141.2	141.2	-91.8	1.	0.0001	0.0001	0.1536	257.0	26.5
15546.	91.7	-63.4	141.9	141.9	-88.1	2.	0.0001	0.0002	0.1523	257.0	26.5
15595.	91.0	-63.4	142.6	142.6	-91.8	1.	0.0001	0.0001	0.1511	256.0	25.1
15642.	90.3	-63.4	143.7	143.7	-91.8	1.	0.0001	0.0001	0.1500	256.0	26.6
15690.	89.6	-63.4	144.6	144.6	-91.8	1.	0.0001	0.0001	0.1488	256.0	26.6
15745.	88.8	-63.3	145.5	145.5	-91.8	1.	0.0001	0.0001	0.1474	257.0	26.8
15794.	88.1	-63.2	147.0	147.0	-91.7	1.	0.0001	0.0001	0.1462	257.0	26.8
15842.	87.4	-63.2	148.4	148.4	-91.5	1.	0.0001	0.0001	0.1449	257.0	26.9
15892.	86.7	-63.4	149.5	149.5	-91.4	1.	0.0001	0.0001	0.1436	257.0	27.0
15942.	86.0	-63.6	151.2	151.2	-87.4	2.	0.0001	0.0002	0.1423	257.0	27.2
15992.	85.3	-63.8	152.4	152.4	-87.4	2.	0.0001	0.0002	0.1411	257.0	27.3
16043.	84.6	-63.9	153.4	153.4	-87.4	2.	0.0001	0.0002	0.1399	257.0	27.4
16094.	83.9	-64.0	154.4	154.4	-87.5	2.	0.0001	0.0002	0.1386	257.0	27.4
16138.	83.3	-64.2	155.0	155.0	-96.7	1.	0.0001	0.0001	0.1374	257.0	27.5
16190.	82.6	-64.4	156.5	156.5	-96.4	1.	0.0001	0.0001	0.1359	257.0	27.5
16242.	81.9	-64.5	157.4	157.4	-96.4	1.	0.0001	0.0001	0.1348	257.0	27.6
16292.	81.2	-64.6	158.2	158.2	-96.5	1.	0.0001	0.0001	0.1337	257.0	27.6
16350.	80.5	-64.7	159.1	159.1	-96.6	1.	0.0001	0.0001	0.1326	257.0	27.7
16404.	79.8	-64.7	160.2	160.2	-96.7	2.	0.0002	0.0003	0.1315	257.0	27.8
16450.	79.2	-64.6	161.3	161.3	-96.5	1.	0.0001	0.0001	0.1304	257.0	27.7
16500.	78.5	-64.5	162.4	162.4	-96.7	2.	0.0002	0.0002	0.1293	257.0	27.8
16553.	77.9	-64.5	163.4	163.4	-96.7	2.	0.0002	0.0002	0.1283	256.0	27.7
16602.	77.2	-64.5	164.7	164.7	-96.4	1.	0.0001	0.0001	0.1271	257.0	27.7
16657.	76.6	-64.5	165.1	165.1	-96.3	1.	0.0001	0.0001	0.1260	256.0	27.6
16706.	76.0	-64.2	166.3	166.3	-96.4	2.	0.0002	0.0003	0.1249	256.0	27.5
16755.	75.4	-64.3	170.1	170.1	-96.4	2.	0.0002	0.0003	0.1240	256.0	27.4
16804.	74.8	-64.4	171.2	171.2	-96.1	1.	0.0001	0.0001	0.1228	256.0	27.3
16854.	74.2	-64.7	173.4	173.4	-89.8	1.	0.0001	0.0001	0.1217	256.0	27.2
16896.	73.7	-64.8	175.1	175.1	-89.5	1.	0.0001	0.0001	0.1206	256.0	27.1
16947.	73.1	-64.9	177.0	177.0	-89.3	1.	0.0001	0.0001	0.1194	256.0	27.1
16996.	72.5	-65.1	177.7	177.7	-89.5	2.	0.0002	0.0002	0.1185	257.0	27.1
17052.	71.9	-65.3	178.3	178.3	-89.7	2.	0.0002	0.0002	0.1177	257.0	26.9
17102.	71.3	-65.4	179.0	179.0	-89.6	1.	0.0001	0.0001	0.1167	256.0	26.8
17155.	70.7	-65.6	179.8	179.8	-89.8	1.	0.0001	0.0001	0.1159	256.0	26.7
17208.	70.1	-65.8	180.4	180.4	-89.8	1.	0.0001	0.0001	0.1149	256.0	26.7
17252.	69.6	-65.7	181.7	181.7	-89.8	1.	0.0001	0.0001	0.1141	256.0	26.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17306.	69.0	-60.7	182.8	182.8	-89.8	1.	0.0001	0.0001	0.1131	257.0	26.5
17360.	68.4	-60.7	183.9	183.9	-89.8	1.	0.0001	0.0001	0.1122	257.0	26.6
17415.	67.8	-60.6	185.3	185.3	-89.8	1.	0.0001	0.0001	0.1111	257.0	26.6
17470.	67.2	-60.4	186.9	186.9	-89.6	1.	0.0001	0.0001	0.1100	257.0	26.5
17526.	66.6	-60.3	188.3	188.3	-89.5	1.	0.0001	0.0001	0.1090	258.0	26.5
17582.	66.0	-60.3	189.5	189.5	-89.5	1.	0.0001	0.0001	0.1080	258.0	26.6
17639.	65.4	-60.4	190.5	190.5	-89.6	1.	0.0001	0.0001	0.1071	259.0	26.6
17697.	64.8	-60.5	191.5	191.5	-89.7	1.	0.0001	0.0001	0.1062	259.0	26.7
17754.	64.2	-60.5	192.7	192.7	-89.7	1.	0.0001	0.0001	0.1052	260.0	26.7
17813.	63.6	-60.6	193.7	193.7	-85.9	2.	0.0002	0.0002	0.1042	260.0	26.8
17862.	63.1	-60.4	195.2	195.2	-85.7	2.	0.0002	0.0002	0.1033	260.0	26.6
17921.	62.5	-60.2	197.0	197.0	-85.6	2.	0.0002	0.0002	0.1022	261.0	26.8
17971.	62.0	-60.1	198.3	198.3	-89.4	1.	0.0001	0.0001	0.1014	261.0	26.8
18022.	61.5	-60.0	199.6	199.6	-89.3	1.	0.0001	0.0001	0.1005	262.0	26.8
18083.	60.9	-59.8	201.3	201.3	-89.2	1.	0.0001	0.0001	0.0994	263.0	26.7
18134.	60.4	-59.5	203.1	203.1	-88.9	1.	0.0001	0.0001	0.0985	264.0	26.6
18186.	59.9	-59.4	204.5	204.5	-88.9	1.	0.0001	0.0001	0.0976	265.0	27.0
18228.	59.5	-59.3	205.6	205.6	-88.8	1.	0.0001	0.0001	0.0969	265.0	27.2
18261.	59.0	-59.2	207.0	207.0	-84.6	2.	0.0002	0.0003	0.0961	265.0	27.3
18323.	58.6	-59.1	208.2	208.2	-88.6	1.	0.0001	0.0001	0.0954	265.0	27.5
18366.	58.2	-59.1	209.1	209.1	-86.6	1.	0.0001	0.0001	0.0947	266.0	27.5
18420.	57.7	-59.1	210.3	210.3	-84.7	2.	0.0002	0.0003	0.0939	267.0	27.7
18464.	57.3	-59.1	211.3	211.3	-88.6	1.	0.0001	0.0001	0.0933	267.0	27.7
18508.	56.9	-59.0	212.5	212.5	-88.6	1.	0.0001	0.0001	0.0926	267.0	27.8
18552.	56.5	-58.8	213.9	213.9	-88.4	1.	0.0001	0.0001	0.0918	268.0	28.0
18596.	56.1	-58.6	215.3	215.3	-88.3	1.	0.0001	0.0002	0.0911	268.0	28.2
18641.	55.7	-58.4	216.8	216.8	-84.2	2.	0.0003	0.0003	0.0904	269.0	28.5
18698.	55.2	-58.3	218.3	218.3	-84.1	2.	0.0003	0.0003	0.0895	269.0	28.5
18744.	54.8	-58.2	219.5	219.5	-84.0	2.	0.0003	0.0003	0.0888	269.0	28.7
18801.	54.3	-58.1	221.1	221.1	-84.0	2.	0.0003	0.0003	0.0880	270.0	28.8
18848.	53.9	-57.9	222.6	222.6	-83.8	2.	0.0003	0.0003	0.0872	270.0	28.9
18895.	53.5	-57.6	224.3	224.3	-83.6	2.	0.0003	0.0003	0.0865	270.0	29.1
18954.	53.0	-57.4	226.1	226.1	-87.4	1.	0.0002	0.0002	0.0856	270.0	29.4
19002.	52.6	-57.2	227.7	227.7	-87.2	1.	0.0002	0.0002	0.0849	270.0	29.2
19050.	52.2	-57.1	229.0	229.0	-87.2	1.	0.0002	0.0002	0.0842	270.0	29.3
19111.	51.7	-56.9	230.8	230.8	-83.0	2.	0.0003	0.0004	0.0833	270.0	29.5
19160.	51.3	-56.7	232.4	232.4	-86.9	1.	0.0002	0.0002	0.0826	270.0	29.5
19222.	50.8	-56.3	234.8	234.8	-86.6	1.	0.0002	0.0002	0.0816	271.0	30.3
19272.	50.4	-56.0	236.6	236.6	-86.3	1.	0.0002	0.0002	0.0809	271.0	30.7
19335.	49.9	-55.8	238.5	238.5	-86.2	1.	0.0002	0.0002	0.0800	270.0	30.7
19386.	49.5	-55.8	239.7	239.7	-86.2	1.	0.0002	0.0002	0.0793	271.0	30.9
19451.	49.0	-55.8	241.2	241.2	-86.2	1.	0.0002	0.0002	0.0785	271.0	31.1
19503.	48.6	-55.6	242.6	242.6	-82.3	2.	0.0004	0.0004	0.0779	272.0	31.4
19569.	48.1	-55.9	243.7	243.7	-82.3	2.	0.0004	0.0004	0.0771	272.0	31.6
19622.	47.7	-55.9	244.9	244.9	-82.3	2.	0.0004	0.0004	0.0765	273.0	31.7
19668.	47.2	-55.9	246.5	246.5	-82.3	2.	0.0004	0.0004	0.0757	274.0	32.4
19743.	46.8	-55.8	248.0	248.0	-86.2	1.	0.0002	0.0002	0.0750	274.0	32.7
19797.	46.4	-55.6	249.6	249.6	-86.0	1.	0.0002	0.0002	0.0743	275.0	32.9
19852.	46.0	-55.5	251.3	251.3	-86.0	1.	0.0002	0.0002	0.0736	275.0	33.1
19894.	45.7	-55.4	252.5	252.5	-85.9	1.	0.0002	0.0002	0.0731	275.0	33.3
19950.	45.3	-55.2	254.3	254.3	-81.7	2.	0.0004	0.0005	0.0724	275.0	33.4
20006.	44.9	-54.9	256.4	256.4	-81.6	2.	0.0004	0.0005	0.0717	274.0	33.6
20064.	44.5	-54.8	258.7	258.7	-81.2	2.	0.0004	0.0005	0.0709	274.0	34.1
20121.	44.1	-54.5	260.1	260.1	-81.2	2.	0.0004	0.0005	0.0703	274.0	34.1
20165.	43.8	-54.4	261.4	261.4	-81.1	2.	0.0005	0.0005	0.0698	273.0	34.1
20224.	43.4	-54.3	263.0	263.0	-81.0	2.	0.0005	0.0005	0.0691	271.0	34.0
20268.	43.1	-54.1	264.6	264.6	-80.9	2.	0.0005	0.0005	0.0685	272.0	34.5
20315.	42.8	-54.0	265.9	265.9	-80.8	2.	0.0005	0.0005	0.0680	271.0	34.5
20373.	42.4	-53.9	267.8	267.8	-80.6	2.	0.0005	0.0006	0.0673	270.0	34.7
20418.	42.1	-53.7	269.2	269.2	-80.6	2.	0.0005	0.0006	0.0668	270.0	34.1
20464.	41.8	-53.7	270.3	270.3	-78.1	3.	0.0007	0.0008	0.0664	270.0	33.9
20511.	41.5	-53.4	271.4	271.4	-79.9	2.	0.0005	0.0006	0.0656	269.0	33.3
20557.	41.2	-53.3	272.5	272.5	-79.5	2.	0.0006	0.0007	0.0650	268.0	33.1
20605.	40.9	-53.0	273.8	273.8	-79.2	2.	0.0006	0.0007	0.0644	267.0	33.0

SOUNDING 27.0
LATITUDE -61.6 LONGITUDE 2.5
DATE 10-28-81 TIME 2335 GMT
NUMBER OF LEVELS 434

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	975.5	-13.5	-11.7	-11.5	-15.4	84.	1.6002	1.3452	1.3101	330.0	5.0
69.	968.7	-12.8	-10.3	-10.1	-15.0	82.	1.6447	1.3971	1.2949	299.0	4.7
135.	958.3	-13.6	-10.4	-10.3	-16.0	80.	1.5121	1.2725	1.2875	302.0	4.6
202.	949.9	-14.3	-10.5	-10.3	-17.1	77.	1.3832	1.1537	1.2795	305.0	4.4
268.	941.7	-15.0	-10.4	-10.1	-18.1	75.	1.2646	1.0576	1.2718	309.0	4.2
333.	933.6	-15.6	-10.5	-10.4	-19.0	73.	1.1463	0.9771	1.2638	311.0	4.3
395.	926.0	-16.3	-10.6	-10.5	-19.9	71.	1.0446	0.8939	1.2567	315.0	3.9
457.	918.3	-16.9	-10.6	-10.5	-20.8	69.	0.9536	0.8242	1.2492	317.0	3.6
522.	910.4	-17.6	-10.7	-10.6	-21.8	67.	0.8727	0.7523	1.2415	319.0	3.5
587.	902.4	-18.1	-10.5	-10.4	-22.6	65.	0.7976	0.6984	1.2332	321.0	3.7
655.	894.3	-18.7	-10.5	-10.4	-23.6	62.	0.7278	0.6320	1.2250	323.0	3.7
721.	886.4	-19.4	-10.5	-10.4	-24.6	60.	0.6639	0.5745	1.2175	325.0	3.6
786.	878.6	-19.7	-10.2	-10.1	-25.3	58.	0.6104	0.5412	1.2082	326.0	3.8
848.	871.5	-16.8	-8.5	-8.4	-22.9	56.	0.7462	0.6806	1.1847	327.0	5.0
914.	864.2	-13.4	-5.4	-5.2	-20.2	55.	0.9154	0.8728	1.1617	326.0	2.7
969.	857.5	-12.1	-4.3	-4.1	-19.4	55.	0.9472	0.9065	1.1514	329.0	2.4
1026.	850.9	-13.3	-5.4	-5.2	-19.7	55.	0.9206	0.9118	1.1416	329.0	3.1
1087.	844.3	-13.7	-5.9	-5.7	-19.4	57.	1.1162	0.9478	1.1326	330.0	3.2
1147.	837.7	-13.9	-6.0	-5.8	-19.3	58.	1.1163	0.9427	1.1248	331.0	3.5
1207.	831.0	-13.7	-5.8	-5.6	-19.4	59.	1.1390	0.9417	1.1167	332.0	3.7
1266.	824.6	-13.9	-5.8	-5.7	-19.6	58.	1.1564	0.9853	1.1090	332.0	3.6
1324.	818.3	-14.1	-5.9	-5.8	-19.4	57.	1.2175	1.0270	1.1014	332.0	3.9
1383.	812.0	-14.5	-6.4	-6.3	-19.1	70.	1.2346	1.0524	1.0938	332.0	4.0
1442.	805.7	-14.8	-6.5	-6.4	-18.8	72.	1.2407	1.0623	1.0862	330.0	4.2
1500.	799.6	-14.8	-6.7	-6.6	-18.8	73.	1.2386	1.0683	1.0784	329.0	4.3
1572.	792.1	-15.1	-6.7	-6.6	-19.0	73.	1.2356	1.0706	1.0703	329.0	4.6
1633.	785.8	-15.4	-6.9	-6.8	-19.4	74.	1.2351	1.0751	1.0620	329.0	4.6
1695.	779.1	-15.7	-7.0	-6.9	-19.2	76.	1.2342	1.0823	1.0536	328.0	5.1
1757.	772.7	-15.5	-6.9	-6.8	-19.2	78.	1.2487	1.0884	1.0450	327.0	5.4
1816.	766.7	-15.4	-6.8	-6.7	-19.1	79.	1.2491	1.0921	1.0373	327.0	5.7
1873.	760.9	-15.4	-6.8	-6.7	-19.4	77.	1.2382	1.0926	1.0302	326.0	5.8
1935.	754.7	-15.4	-6.7	-6.6	-19.4	75.	1.1982	0.9844	1.0226	324.0	6.2
1997.	748.5	-16.0	-6.9	-6.8	-19.2	74.	1.1117	0.9546	1.0149	323.0	6.4
2060.	742.3	-16.1	-6.7	-6.6	-19.2	74.	1.1234	0.9587	1.0069	323.0	6.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2122.	736.2	-16.2	7.3	7.4	-19.5	73.	1.0833	0.9255	0.9990	323.0	7.0
2181.	730.4	-16.4	7.7	7.8	-19.9	72.	1.0987	0.8972	0.9919	322.0	7.2
2243.	724.4	-16.7	8.0	8.2	-20.2	72.	1.0197	0.8734	0.9849	321.0	7.4
2303.	718.6	-16.8	8.4	8.4	-20.1	72.	1.0282	0.8812	0.9766	321.0	7.6
2363.	712.9	-16.8	9.0	9.1	-20.1	71.	1.0244	0.8777	0.9685	321.0	7.8
2421.	707.4	-16.8	9.4	10.0	-20.0	71.	0.8858	0.7383	0.9620	321.0	8.1
2484.	701.5	-17.2	10.1	10.2	-24.4	50.	0.6756	0.5885	0.9554	320.0	8.2
2544.	695.9	-17.6	10.3	10.4	-27.0	40.	0.5206	0.4582	0.9491	320.0	8.3
2603.	690.4	-18.1	10.4	10.4	-27.9	38.	0.4717	0.4169	0.9434	320.0	8.6
2665.	684.7	-18.6	10.5	10.5	-28.4	38.	0.4482	0.3983	0.9374	320.0	8.8
2726.	679.1	-19.0	10.7	10.8	-28.8	37.	0.4317	0.3743	0.9312	320.0	8.9
2766.	673.6	-19.5	10.8	10.9	-29.6	35.	0.3912	0.3483	0.9255	319.0	9.0
2845.	668.2	-20.0	10.9	10.9	-30.8	34.	0.3522	0.3148	0.9200	318.0	9.2
2904.	662.0	-20.5	11.0	11.0	-32.1	31.	0.3163	0.2751	0.9144	318.0	9.4
2963.	657.7	-20.9	11.2	11.2	-33.6	27.	0.2661	0.2321	0.9085	317.0	9.5
3023.	652.4	-21.4	11.3	11.3	-35.7	23.	0.2091	0.1899	0.9030	317.0	9.6
3086.	647.3	-21.9	11.5	11.4	-37.9	19.	0.1638	0.1508	0.8976	316.0	10.0
3141.	642.0	-22.4	11.4	11.5	-36.2	24.	0.1970	0.1902	0.8921	316.0	10.2
3204.	636.5	-22.9	11.6	11.6	-35.2	28.	0.2189	0.1993	0.8862	316.0	10.6
3266.	631.1	-23.3	11.8	11.8	-34.6	31.	0.2332	0.2116	0.8801	316.0	10.9
3330.	625.6	-23.8	12.2	12.2	-33.8	35.	0.2553	0.2312	0.8735	316.0	11.2
3392.	620.3	-24.2	12.4	12.5	-33.2	39.	0.2735	0.2469	0.8675	315.0	11.7
3458.	614.7	-24.8	12.6	12.6	-35.7	31.	0.2098	0.1888	0.8614	316.0	12.0
3516.	609.8	-25.2	12.7	12.7	-39.3	22.	0.1397	0.1294	0.8562	315.0	12.5
3573.	605.0	-25.4	12.8	12.9	-36.0	33.	0.2013	0.1839	0.8509	316.0	12.8
3633.	600.0	-25.8	13.1	13.1	-34.1	42.	0.2461	0.2231	0.8452	316.0	13.2
3694.	595.0	-26.3	13.2	13.2	-33.0	50.	0.2786	0.2513	0.8399	316.0	13.5
3755.	590.0	-26.8	13.3	13.3	-32.7	54.	0.2950	0.2674	0.8346	316.0	13.7
3817.	584.9	-27.2	13.5	13.6	-32.8	56.	0.2846	0.2567	0.8287	316.0	14.1
3876.	580.1	-27.8	13.5	13.5	-33.3	55.	0.2679	0.2421	0.8239	316.0	14.3
3937.	575.2	-28.3	13.6	13.6	-33.8	56.	0.2545	0.2304	0.8186	316.0	14.5
3998.	570.2	-28.8	13.7	13.8	-34.3	56.	0.2418	0.2193	0.8133	316.0	14.7
4059.	565.5	-29.4	13.7	13.7	-34.9	56.	0.2272	0.2067	0.8084	315.0	14.8
4121.	560.6	-29.9	13.8	13.9	-35.4	56.	0.2158	0.1966	0.8030	315.0	14.8
4183.	555.7	-30.3	14.1	14.1	-35.7	56.	0.2072	0.1889	0.7973	314.0	14.7
4245.	550.8	-30.8	14.2	14.2	-36.2	56.	0.1964	0.1796	0.7919	313.0	14.7
4308.	546.0	-31.2	14.4	14.5	-36.6	56.	0.1883	0.1725	0.7863	313.0	14.5
4372.	541.1	-31.5	14.6	14.9	-36.9	56.	0.1826	0.1674	0.7802	312.0	14.4
4433.	536.4	-31.9	15.1	15.1	-37.3	56.	0.1749	0.1607	0.7747	311.0	14.2
4492.	531.9	-32.3	15.3	15.3	-37.6	56.	0.1677	0.1543	0.7695	309.0	14.0
4558.	527.0	-32.7	15.6	15.6	-38.0	56.	0.1607	0.1481	0.7637	308.0	13.8
4619.	522.4	-33.1	15.8	15.8	-38.4	56.	0.1540	0.1422	0.7582	307.0	13.5
4678.	518.0	-33.5	16.0	16.1	-38.8	56.	0.1478	0.1364	0.7531	305.0	13.4
4738.	513.6	-34.0	16.1	16.2	-39.3	56.	0.1398	0.1296	0.7483	304.0	13.1
4801.	509.0	-34.5	16.3	16.3	-39.8	56.	0.1335	0.1232	0.7431	303.0	13.1
4863.	504.5	-34.9	16.5	16.5	-40.1	56.	0.1269	0.1180	0.7378	302.0	13.0
4921.	500.3	-35.2	16.8	16.9	-40.4	56.	0.1228	0.1144	0.7326	301.0	12.9
4985.	495.7	-35.4	17.4	17.4	-40.6	56.	0.1202	0.1120	0.7264	300.0	12.9
5046.	491.4	-35.5	18.0	18.0	-40.7	56.	0.1189	0.1108	0.7204	299.0	13.0
5107.	487.1	-35.8	18.3	18.4	-41.0	56.	0.1151	0.1074	0.7150	298.0	13.1
5166.	483.0	-36.0	18.8	18.8	-41.2	56.	0.1126	0.1051	0.7096	297.0	13.2
5229.	478.6	-36.4	19.1	19.1	-41.6	56.	0.1077	0.1008	0.7043	297.0	13.3
5290.	474.4	-36.7	19.4	19.5	-41.9	56.	0.1042	0.0977	0.6990	296.0	13.4
5348.	470.4	-37.0	19.8	19.8	-42.1	56.	0.1008	0.0946	0.6940	296.0	13.5
5410.	466.2	-37.5	19.9	19.9	-42.6	56.	0.0954	0.0897	0.6893	295.0	13.7
5474.	461.9	-38.0	20.0	20.1	-43.1	56.	0.0903	0.0850	0.6844	295.0	14.0
5537.	457.7	-38.6	20.1	20.1	-43.7	56.	0.0844	0.0797	0.6799	295.0	14.3
5603.	453.3	-39.1	20.2	20.3	-44.2	56.	0.0798	0.0755	0.6748	294.0	14.7
5670.	448.9	-39.5	20.6	20.6	-44.5	56.	0.0763	0.0723	0.6694	293.0	15.0
5732.	444.8	-39.9	20.8	20.8	-44.9	56.	0.0729	0.0693	0.6644	293.0	15.4
5795.	440.7	-40.1	21.4	21.4	-45.1	56.	0.0713	0.0678	0.6588	292.0	15.8
5857.	436.7	-40.3	21.9	21.9	-45.3	56.	0.0697	0.0663	0.6534	291.0	16.1
5920.	432.7	-40.5	22.4	22.4	-45.5	56.	0.0681	0.0649	0.6480	290.0	16.6
5986.	428.5	-40.6	23.1	23.1	-45.6	56.	0.0674	0.0642	0.6420	289.0	17.0
6050.	424.5	-40.8	23.6	23.6	-45.8	56.	0.0659	0.0628	0.6365	289.0	17.5
6118.	420.3	-40.9	24.3	24.4	-45.9	56.	0.0651	0.0621	0.6305	288.0	17.9
6184.	416.2	-41.1	24.9	24.9	-46.1	56.	0.0636	0.0607	0.6249	288.0	18.4
6248.	412.3	-41.8	24.8	24.8	-46.7	56.	0.0587	0.0562	0.6209	287.0	18.9
6311.	408.5	-42.4	24.8	24.8	-47.3	56.	0.0548	0.0526	0.6168	286.0	19.3
6374.	404.7	-42.9	25.0	25.0	-47.8	56.	0.0517	0.0497	0.6123	285.0	19.7
6434.	401.1	-43.4	25.1	25.1	-48.3	56.	0.0488	0.0470	0.6082	285.0	20.1
6496.	397.4	-43.8	25.4	25.4	-48.7	56.	0.0466	0.0450	0.6037	284.0	20.4
6557.	393.8	-44.3	25.5	25.5	-49.1	56.	0.0439	0.0425	0.5995	283.0	20.8
6622.	390.0	-44.9	25.5	25.5	-49.7	56.	0.0409	0.0397	0.5953	283.0	21.1
6682.	386.5	-45.4	25.6	25.7	-50.2	56.	0.0386	0.0375	0.5912	283.0	21.5
6742.	383.0	-45.8	25.9	25.9	-50.6	56.	0.0368	0.0358	0.5869	283.0	21.9
6805.	379.4	-46.3	26.0	26.1	-51.0	56.	0.0347	0.0338	0.5827	283.0	22.3
6866.	375.8	-46.8	26.2	26.2	-51.5	56.	0.0326	0.0319	0.5784	283.0	22.7
6928.	372.4	-47.4	26.2	26.2	-52.1	56.	0.0304	0.0298	0.5747	283.0	23.0
6988.	369.0	-47.9	26.3	26.3	-52.6	56.	0.0286	0.0281	0.5707	283.0	23.3
7048.	365.7	-48.3	26.5	26.5	-53.0	56.	0.0272	0.0268	0.5666	283.0	23.6
7107.	362.4	-48.8	26.6	26.7	-53.4	56.	0.0256	0.0253	0.5627	283.0	23.9
7167.	359.1	-49.4	26.6	26.6	-54.0	56.	0.0238	0.0235	0.5591	283.0	24.2
7231.	355.6	-49.9	26.8	26.8	-54.5	56.	0.0224	0.0222	0.5549	283.0	24.5
7296.	352.1	-50.4	27.0	27.0	-55.0	56.	0.0210	0.0209	0.5507	283.0	24.9
7357.	348.8	-50.9	27.1	27.1	-55.5	56.	0.0198	0.0197	0.5467	283.0	25.1
7418.	345.5	-51.3	27.4	27.4	-55.8	56.	0.0188	0.0187	0.5425	283.0	25.3
7481.	342.2	-51.7	27.7	27.7	-56.2	56.	0.0179	0.0179	0.5383	283.0	25.4
7541.	339.0	-51.9	28.2	28.2	-56.4	56.	0.0174	0.0174	0.5338	283.0	25.6
7603.	335.8	-52.2	28.6	28.6	-56.7	56.	0.0168	0.0168	0.5295	283.0	25.6
7665.	332.6	-52.5	29.0	29.0	-57.0	56.	0.0162	0.0162	0.5251	283.0	25.7
7733.	329.1	-52.8	29.5	29.5	-57.3	56.	0.0156	0.0156	0.5203	283.0	25.9
7798.	325.8	-53.1	30.0	30.0	-57.6	56.	0.0150	0.0151	0.5158	283.0	25.9
7861.	322.6	-53.4	30.4	30.4	-57.9	56.	0.0144	0.0145	0.5114	283.0	26.0
7923.	319.5	-53.8	30.7	30.7	-58.2	56.	0.0137	0.0138	0.5074	283.0	25.7
7963.	316.5	-54.1	31.1	31.1	-58.5	56.	0.0132	0.0133	0.5034	283.0	25.6
8046.	313.4	-54.6	31.3	31.3	-59.0	56.	0.0124	0.0125	0.4996	282.0	25.6
8108.	310.4	-55.1	31.4	31.4	-59.5	56.	0.0116	0.0118	0.4959	282.0	25.5
8170.	307.4	-55.6	31.6	31.6	-60.0	56.	0.0109	0.0110	0.4922	282.0	25.5
8232.	304.4	-55.9	32.0	32.0	-60.3	56.	0.0105	0.0106	0.4881	282.0	25.4
8295.	301.4	-56.1	32.6	32.6	-60.5	56.	0.0102	0.0104	0.4837	282.0	25.4
8356.	298.5	-56.4	33.0	33.0	-60.7	56.	0.0098	0.0100	0.4798	282.0	25.3
8420.	295.5	-56.8	33.3	33.3	-61.1	56.	0.0093	0.0095	0.4758	282.0	25.3
8482.	292.6	-57.3	33.5	33.5	-61.6	56.	0.0087	0.0089	0.4722	281.0	25.3
8545.	289.7	-57.7	33.8	33.8	-62.0	56.	0.0082	0.0085	0.4684	281.0	25.2
8609.	286.8	-58.1	34.1	34.1	-62.4	56.	0.0078	0.0080	0.4646	280.0	25.3
8670.	284.0	-58.5	34.4	34.4	-62.8	56.	0.0074	0.0076	0.4609	280.0	25.4
8732.	281.2	-59.0	34.5	34.5	-63.2	56.	0.0069	0.0072	0.4574	280.0	25.4
8795.	278.4	-59.1	35.3	35.3	-63.3	56.	0.0068	0.0071	0.4531	279.0	25.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8858.	275.6	-59.6	35.4	35.4	-63.8	56.	0.0064	0.0066	0.4496	279.0	25.5
8919.	272.5	-60.1	35.6	35.6	-64.3	56.	0.0062	0.0062	0.4462	279.0	25.5
8981.	270.2	-60.6	35.7	35.7	-64.8	56.	0.0056	0.0058	0.4429	278.0	25.6
9044.	267.5	-61.1	35.9	35.9	-65.3	56.	0.0052	0.0054	0.4395	278.0	25.5
9106.	264.8	-61.6	35.8	35.8	-65.9	56.	0.0047	0.0050	0.4365	278.0	25.6
9167.	262.2	-62.2	35.6	35.6	-66.0	56.	0.0043	0.0045	0.4336	278.0	25.7
9229.	259.5	-63.1	35.6	35.6	-67.2	56.	0.0040	0.0042	0.4305	278.0	25.8
9290.	257.0	-62.6	35.8	35.8	-67.7	56.	0.0037	0.0039	0.4272	278.0	25.9
9353.	254.5	-64.1	35.6	35.6	-68.1	56.	0.0034	0.0036	0.4241	278.0	26.2
9413.	251.9	-64.2	35.8	35.8	-68.3	56.	0.0032	0.0035	0.4202	279.0	26.2
9476.	249.3	-64.4	37.2	37.2	-68.4	56.	0.0033	0.0035	0.4160	279.0	26.2
9543.	246.6	-64.4	38.2	38.2	-68.4	56.	0.0033	0.0035	0.4115	279.0	26.3
9607.	244.0	-64.5	38.5	38.5	-68.5	56.	0.0033	0.0034	0.4074	280.0	26.5
9675.	241.3	-64.7	39.7	39.7	-68.7	56.	0.0032	0.0033	0.4033	280.0	26.5
9741.	238.7	-64.9	40.4	40.4	-68.9	56.	0.0031	0.0033	0.3993	281.0	26.6
9808.	236.1	-64.9	41.4	41.4	-68.9	56.	0.0031	0.0033	0.3950	281.0	26.7
9873.	233.6	-64.9	42.3	42.3	-68.9	56.	0.0031	0.0033	0.3908	281.0	26.8
9938.	231.1	-65.0	43.1	43.1	-69.0	56.	0.0030	0.0032	0.3868	282.0	27.0
10002.	228.7	-65.2	43.8	43.8	-69.2	56.	0.0029	0.0031	0.3831	282.0	27.0
10060.	226.5	-65.3	44.5	44.5	-69.3	56.	0.0029	0.0031	0.3796	282.0	27.1
10120.	224.3	-65.4	45.2	45.2	-69.4	56.	0.0029	0.0030	0.3761	282.0	27.0
10177.	222.2	-65.5	45.9	45.9	-69.5	56.	0.0028	0.0030	0.3728	282.0	27.1
10234.	220.1	-65.6	46.7	46.7	-69.6	56.	0.0028	0.0030	0.3694	281.0	27.0
10264.	218.3	-65.4	47.7	47.7	-69.4	56.	0.0029	0.0030	0.3661	281.0	27.1
10337.	216.4	-65.3	48.7	48.7	-69.3	56.	0.0029	0.0031	0.3627	280.0	27.0
10391.	214.5	-65.2	49.6	49.6	-69.2	56.	0.0029	0.0031	0.3593	279.0	26.9
10442.	212.7	-65.0	50.7	50.7	-69.0	56.	0.0030	0.0032	0.3560	278.0	26.9
10494.	210.9	-64.8	51.8	51.8	-68.8	56.	0.0031	0.0033	0.3526	278.0	26.9
10546.	209.1	-64.6	52.9	52.9	-68.6	56.	0.0032	0.0034	0.3493	277.0	27.0
10599.	207.3	-64.4	54.1	54.1	-68.4	56.	0.0033	0.0035	0.3459	276.0	27.0
10649.	205.6	-64.4	54.8	54.8	-68.4	56.	0.0033	0.0035	0.3431	275.0	27.1
10697.	204.0	-64.4	55.6	55.6	-68.4	56.	0.0033	0.0035	0.3404	274.0	27.1
10745.	202.4	-64.3	56.5	56.5	-68.3	56.	0.0033	0.0035	0.3376	273.0	27.3
10796.	200.9	-64.1	57.5	57.5	-68.1	56.	0.0034	0.0036	0.3348	273.0	27.4
10845.	199.1	-63.8	58.8	58.8	-67.8	56.	0.0036	0.0038	0.3313	272.0	27.6
10898.	197.4	-63.6	59.9	59.9	-67.7	56.	0.0037	0.0039	0.3282	272.0	27.8
10948.	195.8	-63.5	60.9	60.9	-67.6	56.	0.0037	0.0039	0.3254	272.0	27.9
10998.	194.2	-63.5	61.7	61.7	-67.6	56.	0.0037	0.0039	0.3227	271.0	28.1
11042.	192.8	-63.5	62.3	62.3	-67.6	56.	0.0037	0.0039	0.3204	271.0	28.2
11087.	191.4	-63.4	63.2	63.2	-67.5	56.	0.0038	0.0040	0.3179	271.0	28.4
11132.	190.0	-63.2	64.2	64.2	-67.3	56.	0.0039	0.0041	0.3153	271.0	28.5
11177.	188.6	-63.0	65.3	65.3	-67.1	56.	0.0040	0.0042	0.3126	271.0	28.6
11223.	187.2	-62.9	66.1	66.1	-67.0	56.	0.0041	0.0043	0.3102	271.0	28.7
11276.	185.6	-62.9	67.0	67.0	-67.0	56.	0.0041	0.0043	0.3075	271.0	28.7
11326.	184.1	-62.9	67.8	67.8	-67.0	56.	0.0041	0.0043	0.3050	271.0	28.8
11373.	182.7	-62.9	68.5	68.5	-67.0	56.	0.0041	0.0043	0.3027	271.0	28.8
11423.	181.2	-62.9	69.3	69.3	-67.0	56.	0.0041	0.0043	0.3002	270.0	28.9
11478.	179.6	-63.1	69.9	69.9	-67.2	56.	0.0040	0.0042	0.2979	270.0	28.9
11529.	178.1	-63.2	70.8	70.8	-67.1	56.	0.0040	0.0042	0.2952	270.0	28.9
11581.	176.6	-62.9	71.8	71.8	-67.0	56.	0.0041	0.0043	0.2926	270.0	28.9
11634.	175.1	-62.9	72.7	72.7	-67.0	56.	0.0041	0.0043	0.2901	270.0	28.9
11683.	173.7	-62.9	73.5	73.5	-67.0	56.	0.0041	0.0043	0.2878	270.0	29.0
11733.	172.3	-62.8	74.4	74.4	-66.9	56.	0.0041	0.0043	0.2853	270.0	29.0
11779.	171.0	-62.7	75.4	75.4	-66.8	56.	0.0042	0.0044	0.2831	270.0	29.1
11826.	169.7	-62.5	76.5	76.5	-66.6	56.	0.0043	0.0045	0.2806	270.0	29.1
11877.	168.3	-62.4	77.5	77.5	-66.5	56.	0.0044	0.0046	0.2782	270.0	29.2
11929.	166.9	-62.5	78.1	78.1	-66.6	56.	0.0043	0.0045	0.2760	270.0	29.3
11984.	165.4	-62.6	78.9	78.9	-66.7	56.	0.0042	0.0045	0.2737	269.0	29.4
12033.	164.1	-62.7	79.5	79.5	-66.8	56.	0.0042	0.0044	0.2716	269.0	29.5
12082.	162.8	-62.7	80.3	80.3	-66.8	56.	0.0042	0.0044	0.2695	269.0	29.5
12131.	161.5	-62.7	81.1	81.1	-66.8	56.	0.0042	0.0044	0.2673	269.0	29.6
12181.	160.2	-62.7	81.9	81.9	-66.8	56.	0.0042	0.0044	0.2652	268.0	29.7
12235.	158.8	-62.8	82.6	82.6	-66.9	56.	0.0041	0.0043	0.2630	268.0	29.8
12282.	157.6	-62.8	83.4	83.4	-66.9	56.	0.0041	0.0043	0.2610	268.0	29.9
12333.	156.3	-62.9	84.1	84.1	-67.0	56.	0.0041	0.0043	0.2590	268.0	29.9
12380.	155.1	-62.9	84.9	84.9	-67.0	56.	0.0041	0.0043	0.2570	267.0	30.0
12432.	153.8	-62.9	85.7	85.7	-67.0	56.	0.0041	0.0043	0.2548	267.0	30.1
12480.	152.6	-62.8	86.7	86.7	-66.9	56.	0.0041	0.0043	0.2527	267.0	30.1
12532.	151.3	-62.7	87.8	87.8	-66.8	56.	0.0042	0.0044	0.2505	267.0	30.0
12581.	150.1	-62.7	88.6	88.6	-66.8	56.	0.0042	0.0044	0.2485	267.0	30.1
12627.	149.0	-62.7	89.3	89.3	-66.8	56.	0.0042	0.0044	0.2466	267.0	30.1
12676.	147.8	-62.6	90.4	90.4	-66.7	56.	0.0042	0.0045	0.2445	267.0	30.1
12727.	146.6	-62.5	91.4	91.4	-66.6	56.	0.0043	0.0045	0.2424	266.0	30.2
12777.	145.4	-62.5	92.2	92.2	-66.6	56.	0.0043	0.0045	0.2405	266.0	30.3
12824.	144.3	-62.5	93.0	93.0	-66.6	56.	0.0043	0.0045	0.2386	266.0	30.3
12875.	143.1	-62.4	94.1	94.1	-66.5	56.	0.0044	0.0046	0.2365	266.0	30.3
12923.	142.0	-62.3	95.1	95.1	-66.4	56.	0.0044	0.0046	0.2346	266.0	30.4
12975.	140.8	-62.3	96.0	96.0	-66.4	56.	0.0044	0.0046	0.2326	266.0	30.4
13032.	139.5	-62.5	96.6	96.6	-66.6	56.	0.0043	0.0045	0.2307	266.0	30.4
13086.	138.3	-62.5	97.5	97.5	-66.6	56.	0.0043	0.0045	0.2287	266.0	30.5
13139.	137.1	-62.5	98.4	98.4	-66.6	56.	0.0043	0.0045	0.2267	266.0	30.6
13193.	135.9	-62.6	99.2	99.2	-66.7	56.	0.0042	0.0044	0.2249	266.0	30.6
13239.	134.9	-62.7	99.8	99.8	-66.8	56.	0.0042	0.0044	0.2233	266.0	30.6
13285.	133.9	-62.8	100.4	100.4	-66.9	56.	0.0041	0.0043	0.2218	266.0	30.8
13335.	132.8	-62.8	101.1	101.1	-67.0	56.	0.0041	0.0043	0.2200	266.0	30.8
13386.	131.7	-63.0	101.8	101.8	-67.1	56.	0.0040	0.0042	0.2183	266.0	30.9
13438.	130.6	-63.2	102.4	102.4	-67.3	56.	0.0039	0.0041	0.2167	266.0	30.9
13490.	129.5	-63.3	103.1	103.1	-67.4	56.	0.0038	0.0040	0.2150	266.0	31.0
13537.	128.5	-63.4	103.7	103.7	-67.5	56.	0.0038	0.0040	0.2134	266.0	31.0
13590.	127.4	-63.4	104.7	104.7	-67.5	56.	0.0038	0.0040	0.2116	266.0	31.1
13638.	126.4	-63.3	105.7	105.7	-67.4	56.	0.0038	0.0040	0.2098	266.0	31.2
13687.	125.4	-63.3	106.6	106.6	-67.4	56.	0.0038	0.0040	0.2082	266.0	31.3
13736.	124.4	-63.1	107.8	107.8	-67.2	56.	0.0040	0.0042	0.2063	266.0	31.3
13786.	123.4	-63.1	108.7	108.7	-67.2	56.	0.0040	0.0042	0.2047	265.0	31.4
13831.	122.5	-63.1	109.5	109.5	-67.2	56.	0.0040	0.0042	0.2032	265.0	31.4
13881.	121.5	-63.1	110.4	110.4	-67.2	56.	0.0040	0.0042	0.2015	265.0	31.5
13927.	120.6	-63.1	111.2	111.2	-67.2	56.	0.0040	0.0042	0.2000	266.0	31.6
13973.	119.7	-63.0	112.2	112.2	-67.1	56.	0.0040	0.0042	0.1984	266.0	31.7
14024.	118.7	-62.9	113.3	113.3	-67.0	56.	0.0041	0.0043	0.1967	266.0	31.8
14071.	117.8	-62.7	114.5	114.5	-66.8	56.	0.0042	0.0044	0.1950	266.0	32.0
14118.	116.9	-62.7	115.4	115.4	-66.8	56.	0.0042	0.0044	0.1935	266.0	32.1
14171.	115.9	-62.6	116.5	116.5	-66.7	56.	0.0042	0.0044	0.1918	266.0	32.3
14219.	115.0	-62.7	117.2	117.2	-66.8	56.	0.0042	0.0044	0.1904	265.0	32.4
14268.	114.1	-62.8	117.9	117.9	-66.9	56.	0.0041	0.0043	0.1890	266.0	32.6
14316.	113.2	-62.8	118.8	118.8	-66.9	56.	0.0041	0.0043	0.1875	265.0	32.7
14371.	112.2	-62.9	119.6	119.6	-67.0	56.	0.0041	0.0043	0.1859	265.0	32.9
14420.	111.3	-62.9	120.5	120.5	-67.0	56.	0.0041	0.0043	0.1844	265.0	33.0
14470.	110.4	-62.8	121.6	121.6	-66.9	56.	0.0041	0.0043	0.1828	265.0	33.1
14521.	109.5	-62.6	122.9	122.9	-66.7	56.	0.0042	0.0044	0.1812	264.0	33.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14577.	108.5	-62.5	124.1	124.1	-66.6	56.	0.0043	0.0045	0.1794	264.0	33.4
14628.	107.6	-62.3	125.4	125.4	-66.4	56.	0.0044	0.0046	0.1778	264.0	33.5
14680.	106.7	-62.1	126.8	126.8	-66.2	56.	0.0045	0.0048	0.1761	263.0	33.5
14732.	105.8	-62.1	127.7	127.7	-66.2	56.	0.0045	0.0048	0.1746	263.0	33.5
14785.	104.9	-62.1	128.7	128.7	-66.2	56.	0.0045	0.0048	0.1732	262.0	33.7
14838.	104.0	-62.2	129.5	129.5	-66.3	56.	0.0045	0.0047	0.1717	262.0	33.8
14892.	103.1	-62.3	130.3	130.3	-66.4	56.	0.0044	0.0046	0.1703	262.0	33.9
14940.	102.3	-62.3	131.2	131.2	-66.4	56.	0.0044	0.0046	0.1690	261.0	34.0
14994.	101.4	-62.2	132.4	132.4	-66.3	56.	0.0045	0.0047	0.1675	261.0	34.1
15049.	100.5	-62.1	133.7	133.7	-66.2	56.	0.0045	0.0048	0.1659	260.0	34.2
15105.	99.6	-62.0	134.9	134.9	-66.1	56.	0.0046	0.0048	0.1643	260.0	34.4
15155.	98.8	-61.8	136.2	136.2	-65.9	56.	0.0047	0.0050	0.1629	259.0	34.4
15211.	97.9	-61.9	137.1	137.1	-66.0	56.	0.0047	0.0049	0.1614	259.0	34.6
15262.	97.1	-62.2	137.5	137.5	-66.3	56.	0.0045	0.0047	0.1604	258.0	34.7
15319.	96.2	-62.4	138.2	138.2	-66.5	56.	0.0044	0.0046	0.1590	258.0	34.8
15371.	95.4	-62.6	138.8	138.8	-66.7	56.	0.0042	0.0044	0.1578	258.0	35.0
15422.	94.6	-62.6	139.6	139.8	-66.7	56.	0.0042	0.0044	0.1565	258.0	35.1
15475.	93.8	-62.5	141.0	141.0	-66.6	56.	0.0043	0.0045	0.1551	258.0	35.2
15526.	93.0	-62.4	142.2	142.2	-66.5	56.	0.0044	0.0046	0.1537	258.0	35.3
15587.	92.1	-62.4	143.3	143.3	-66.5	56.	0.0044	0.0046	0.1522	258.0	35.4
15641.	91.3	-62.4	144.4	144.4	-66.5	56.	0.0044	0.0046	0.1509	259.0	35.5
15689.	90.6	-62.4	145.3	145.3	-66.5	56.	0.0044	0.0046	0.1498	259.0	35.6
15743.	89.8	-62.4	146.4	146.4	-66.5	56.	0.0044	0.0046	0.1484	259.0	35.7
15791.	89.1	-62.4	147.3	147.3	-66.5	56.	0.0044	0.0046	0.1473	260.0	35.8
15847.	86.3	-62.4	148.4	148.4	-66.5	56.	0.0044	0.0046	0.1460	260.0	35.8
15896.	87.6	-62.2	149.7	149.7	-66.3	56.	0.0045	0.0047	0.1447	261.0	35.9
15953.	86.8	-61.9	151.4	151.5	-66.0	56.	0.0047	0.0049	0.1431	261.0	36.0
16003.	86.1	-61.7	152.8	152.8	-65.8	56.	0.0048	0.0050	0.1419	262.0	36.1
16053.	85.4	-61.6	154.0	154.0	-65.7	56.	0.0049	0.0051	0.1406	262.0	36.1
16104.	84.7	-61.5	155.2	155.2	-65.6	56.	0.0049	0.0052	0.1394	262.0	36.3
16155.	84.0	-61.4	156.5	156.5	-65.5	56.	0.0050	0.0052	0.1382	263.0	36.4
16207.	83.3	-61.3	157.7	157.7	-65.4	56.	0.0051	0.0053	0.1370	263.0	36.4
16252.	82.7	-61.2	158.8	158.8	-65.3	56.	0.0051	0.0054	0.1359	263.0	36.5
16309.	82.0	-61.2	160.2	160.3	-65.2	56.	0.0053	0.0055	0.1347	263.0	36.6
16358.	81.3	-60.8	161.7	161.7	-65.0	56.	0.0054	0.0057	0.1334	263.0	36.5
16404.	80.7	-60.7	162.8	162.8	-64.9	56.	0.0055	0.0057	0.1323	263.0	36.6
16458.	80.0	-60.7	163.9	163.9	-64.9	56.	0.0055	0.0057	0.1312	264.0	36.7
16513.	79.3	-60.8	164.6	164.6	-65.1	56.	0.0054	0.0056	0.1302	263.0	36.7
16568.	78.6	-61.0	165.5	165.5	-65.2	56.	0.0053	0.0055	0.1291	263.0	36.8
16623.	77.9	-61.0	166.6	166.6	-65.2	56.	0.0053	0.0055	0.1279	263.0	36.8
16679.	77.2	-60.9	168.0	168.0	-65.1	56.	0.0054	0.0056	0.1267	263.0	36.9
16727.	76.6	-60.8	169.2	169.2	-65.0	56.	0.0054	0.0057	0.1257	263.0	37.0
16785.	75.9	-60.6	170.4	170.4	-64.8	56.	0.0056	0.0058	0.1244	263.0	37.0
16834.	75.3	-60.3	172.4	172.4	-64.5	56.	0.0058	0.0060	0.1232	263.0	37.1
16892.	74.6	-60.1	174.0	174.0	-64.3	56.	0.0060	0.0062	0.1220	263.0	37.1
16951.	73.9	-60.0	175.4	175.4	-64.2	56.	0.0061	0.0063	0.1208	263.0	37.4
17002.	73.3	-60.0	176.5	176.5	-64.2	56.	0.0061	0.0063	0.1198	263.0	37.6
17061.	72.6	-60.0	177.7	177.7	-64.2	56.	0.0061	0.0063	0.1187	263.0	37.8
17113.	72.0	-60.0	178.8	178.8	-64.2	56.	0.0061	0.0063	0.1177	262.0	37.9
17174.	71.3	-60.0	180.0	180.0	-64.2	56.	0.0061	0.0063	0.1165	262.0	38.2
17227.	70.7	-59.9	181.3	181.3	-64.1	56.	0.0061	0.0064	0.1155	262.0	38.5
17289.	70.0	-59.9	182.6	182.6	-64.1	56.	0.0061	0.0064	0.1144	262.0	38.8
17342.	69.4	-59.9	183.7	183.8	-64.1	56.	0.0061	0.0064	0.1134	262.0	39.0
17396.	68.8	-59.9	185.1	185.1	-64.0	56.	0.0062	0.0064	0.1123	262.0	39.3
17460.	68.1	-59.7	186.7	186.7	-63.9	56.	0.0063	0.0065	0.1111	262.0	39.5
17515.	67.5	-59.7	187.8	187.8	-63.9	56.	0.0063	0.0065	0.1102	262.0	39.7
17580.	66.8	-59.7	189.2	189.2	-63.9	56.	0.0063	0.0065	0.1090	262.0	39.8
17637.	66.2	-59.7	190.4	190.4	-63.9	56.	0.0063	0.0065	0.1080	262.0	40.0
17694.	65.6	-59.7	191.6	191.6	-63.9	56.	0.0063	0.0065	0.1071	262.0	40.1
17751.	65.0	-59.7	192.8	192.8	-63.9	56.	0.0063	0.0065	0.1061	262.0	40.1
17809.	64.4	-59.7	194.0	194.1	-63.9	56.	0.0063	0.0065	0.1051	263.0	40.1
17867.	63.8	-59.6	195.7	195.8	-63.7	56.	0.0065	0.0067	0.1040	263.0	40.1
17926.	63.2	-59.5	197.4	197.5	-63.5	56.	0.0067	0.0069	0.1030	263.0	40.1
17976.	62.7	-59.0	199.2	199.2	-63.2	56.	0.0069	0.0072	0.1020	263.0	40.0
18036.	62.1	-58.8	200.9	200.9	-63.0	56.	0.0071	0.0073	0.1009	264.0	39.8
18087.	61.6	-58.6	202.5	202.5	-62.9	56.	0.0073	0.0075	0.1000	264.0	39.7
18138.	61.1	-58.5	203.8	203.8	-62.8	56.	0.0074	0.0076	0.0992	264.0	39.5
18200.	60.5	-58.4	205.4	205.4	-62.7	56.	0.0075	0.0077	0.0981	265.0	39.4
18252.	60.0	-58.2	206.9	207.0	-62.5	56.	0.0077	0.0079	0.0972	265.0	39.2
18305.	59.5	-58.1	208.3	208.3	-62.4	56.	0.0078	0.0080	0.0964	265.0	39.1
18358.	59.0	-58.0	209.7	209.7	-62.3	56.	0.0079	0.0081	0.0955	265.0	39.0
18411.	58.6	-57.9	211.1	211.1	-62.2	56.	0.0080	0.0082	0.0947	265.0	39.0
18465.	58.0	-57.8	212.5	212.5	-62.1	56.	0.0081	0.0083	0.0938	265.0	38.9
18520.	57.5	-57.7	213.9	214.0	-62.0	56.	0.0082	0.0085	0.0930	265.0	38.9
18575.	57.0	-57.6	215.4	215.4	-61.9	56.	0.0083	0.0086	0.0921	265.0	38.8
18619.	56.6	-57.5	216.6	216.6	-61.8	56.	0.0085	0.0087	0.0914	265.0	38.8
18675.	56.1	-57.5	217.8	217.9	-61.8	56.	0.0085	0.0087	0.0906	265.0	38.8
18732.	55.6	-57.7	218.6	218.7	-62.0	56.	0.0082	0.0085	0.0899	264.0	38.9
18788.	55.1	-57.8	219.5	219.5	-62.2	56.	0.0080	0.0082	0.0892	264.0	38.9
18846.	54.6	-58.0	220.5	220.5	-62.3	56.	0.0079	0.0081	0.0884	264.0	39.0
18904.	54.1	-58.0	221.6	221.6	-62.3	56.	0.0079	0.0081	0.0876	263.0	39.3
18962.	53.6	-58.0	223.1	223.1	-62.3	56.	0.0079	0.0081	0.0868	263.0	39.4
19021.	53.1	-58.0	224.4	224.5	-62.3	56.	0.0079	0.0081	0.0860	262.0	39.6
19080.	52.6	-58.0	225.8	225.8	-62.5	56.	0.0077	0.0079	0.0853	262.0	39.9
19140.	52.1	-58.3	226.5	226.5	-62.	56.	0.0076	0.0078	0.0845	262.0	40.2
19201.	51.6	-58.3	227.8	227.8	-62	56.	0.0076	0.0078	0.0837	261.0	40.7
19262.	51.1	-58.2	229.5	229.5	-62.5	56.	0.0077	0.0079	0.0828	261.0	40.9
19324.	50.6	-58.2	230.6	230.7	-62.6	56.	0.0076	0.0078	0.0821	260.0	41.5
19386.	50.1	-58.3	232.1	232.1	-62.6	56.	0.0076	0.0078	0.0812	260.0	42.0
19437.	49.7	-58.3	233.3	233.3	-62.6	56.	0.0076	0.0078	0.0806	260.0	42.5
19500.	49.2	-58.3	234.7	234.7	-62.6	56.	0.0076	0.0078	0.0798	260.0	42.9
19564.	48.7	-58.3	236.2	236.2	-62.6	56.	0.0076	0.0078	0.0790	260.0	43.4
19626.	48.2	-58.1	237.5	237.5	-62.5	56.	0.0077	0.0079	0.0781	260.0	43.9
19695.	47.7	-58.1	238.7	238.7	-62.4	56.	0.0078	0.0080	0.0773	260.0	44.3
19748.	47.3	-58.1	240.0	241.0	-62.4	56.	0.0078	0.0080	0.0766	260.0	44.8
19814.	46.8	-58.3	242.0	242.0	-62.6	56.	0.0076	0.0078	0.0759	260.0	45.2
19882.	46.3	-58.0	242.9	242.9	-62.4	56.	0.0073	0.0075	0.0752	260.0	45.7
19936.	45.9	-58.3	244.9	244.9	-62.6	56.	0.0076	0.0078	0.0744	261.0	46.0
20005.	45.4	-58.1	247.2	247.2	-62.5	56.	0.0079	0.0081	0.0735	260.0	46.4
20061.	45.0	-57.7	248.3	248.3	-62.3	56.	0.0083	0.0085	0.0728	261.0	46.7
20117.	44.6	-57.4	249.4	249.4	-61.7	56.	0.0086	0.0088	0.0720	260.0	46.9
20174.	44.2	-57.1	250.4	250.5	-61.4	56.	0.0089	0.0091	0.0713	260.0	47.1
20232.	43.8	-56.8	251.5	251.6	-61.1	56.	0.0093	0.0095	0.0705	260.0	47.3
20275.	43.5	-56.4	252.5	252.6	-60.7	56.	0.0097	0.0100	0.0699	260.0	47.5
20334.	43.1	-56.0	253.9	254.0	-60.4	56.	0.0102	0.0105	0.0692	260.0	47.5
20393.	42.7	-55.7	255.2	255.2	-60.1	56.	0.0107	0.0109	0.0684	259.0	47.6
20452.	42.3	-55.4	256.3	256.4	-59.8	56.	0.0111	0.0113	0.0677	259.0	47.8
20498.	42.0	-55.2	257.2	257.3	-59.6	56.	0.0114	0.0116	0.0671	259.0	47.8
20559.	41.6	-55.0	258.3	258.4	-59.4	56.	0.0117	0.0119	0.0664	259.0	47.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
20621.	41.2	-54.8	269.8	269.9	-59.2	56.	0.0120	0.0122	0.0657	259.0	48.0
20667.	40.9	-54.5	271.7	271.8	-58.9	56.	0.0125	0.0127	0.0652	258.0	48.0
20730.	40.5	-54.2	274.0	274.0	-58.6	56.	0.0130	0.0131	0.0645	258.0	48.0
20794.	40.1	-54.0	276.0	276.1	-58.4	56.	0.0133	0.0135	0.0638	258.0	48.1
20858.	39.7	-53.6	278.6	278.7	-58.1	56.	0.0140	0.0141	0.0630	259.0	48.2
20923.	39.3	-53.2	281.2	281.3	-57.7	56.	0.0148	0.0149	0.0623	259.0	48.2
20989.	38.9	-52.7	284.1	284.2	-57.2	56.	0.0157	0.0158	0.0615	259.0	48.3
21056.	38.5	-52.3	286.8	286.9	-56.8	56.	0.0166	0.0166	0.0607	259.0	48.3
21123.	38.1	-52.2	288.7	288.8	-56.7	56.	0.0168	0.0168	0.0601	259.0	48.2
21174.	37.8	-52.1	290.2	290.3	-56.6	56.	0.0170	0.0170	0.0596	259.0	48.3
21243.	37.4	-52.0	292.2	292.3	-56.5	56.	0.0172	0.0172	0.0589	259.0	48.3
21313.	37.0	-52.0	293.9	294.0	-56.5	56.	0.0172	0.0172	0.0583	260.0	48.2
21383.	36.6	-52.0	295.7	295.8	-56.5	56.	0.0172	0.0172	0.0577	260.0	48.2
21454.	36.2	-52.1	297.2	297.3	-56.6	56.	0.0170	0.0170	0.0571	260.0	48.0
21526.	35.8	-52.1	299.0	299.1	-56.6	56.	0.0170	0.0170	0.0564	261.0	48.0
21580.	35.5	-52.2	300.1	300.2	-56.7	56.	0.0168	0.0168	0.0560	261.0	47.9
21653.	35.1	-52.4	301.5	301.6	-56.9	56.	0.0164	0.0164	0.0554	261.0	47.9
21727.	34.7	-52.5	303.1	303.2	-57.0	56.	0.0161	0.0162	0.0548	262.0	47.7
21783.	34.4	-52.6	304.3	304.4	-57.1	56.	0.0159	0.0160	0.0544	262.0	47.6
21859.	34.0	-52.9	305.9	305.5	-57.4	56.	0.0154	0.0154	0.0538	262.0	47.4
21916.	33.7	-52.8	307.1	307.2	-57.3	56.	0.0155	0.0156	0.0533	262.0	47.3
21973.	33.4	-52.6	309.2	309.3	-57.1	56.	0.0159	0.0160	0.0528	263.0	47.1
22032.	33.1	-52.3	311.5	311.6	-56.8	56.	0.0166	0.0166	0.0522	263.0	47.0
22110.	32.7	-52.0	314.3	314.4	-56.5	56.	0.0172	0.0172	0.0515	264.0	46.9
22170.	32.4	-51.7	316.6	316.8	-56.2	56.	0.0179	0.0178	0.0510	264.0	46.6
22230.	32.1	-51.4	319.0	319.1	-55.9	56.	0.0185	0.0185	0.0504	265.0	46.6
22291.	31.8	-51.0	321.7	321.8	-55.6	56.	0.0195	0.0194	0.0499	265.0	46.6
22353.	31.5	-50.6	324.4	324.5	-55.2	56.	0.0205	0.0204	0.0493	265.0	46.5
22415.	31.2	-50.3	326.8	327.0	-54.9	56.	0.0213	0.0211	0.0488	266.0	46.5
22478.	30.9	-50.3	328.5	328.6	-54.9	56.	0.0213	0.0211	0.0483	267.0	46.6
22541.	30.6	-50.4	329.9	330.0	-55.0	56.	0.0210	0.0209	0.0479	267.0	46.5
22606.	30.3	-50.4	331.6	331.7	-55.0	56.	0.0210	0.0209	0.0474	268.0	46.7
22670.	30.0	-50.3	333.6	333.7	-54.9	56.	0.0213	0.0211	0.0469	268.0	47.0
22736.	29.7	-50.1	335.6	336.0	-54.7	56.	0.0218	0.0216	0.0464	269.0	47.3
22802.	29.4	-50.0	337.9	338.1	-54.6	56.	0.0221	0.0219	0.0459	269.0	47.6
22869.	29.1	-50.0	339.7	339.9	-54.6	56.	0.0221	0.0219	0.0454	270.0	47.9
22937.	28.8	-50.2	340.9	341.1	-54.8	56.	0.0215	0.0214	0.0450	270.0	48.3
23005.	28.5	-50.1	343.1	343.2	-54.7	56.	0.0218	0.0216	0.0445	270.0	48.7
23074.	28.2	-50.2	344.6	344.8	-54.8	56.	0.0215	0.0214	0.0441	270.0	49.1
23167.	27.8	-50.3	346.9	347.1	-54.9	56.	0.0213	0.0211	0.0435	270.0	49.5
23238.	27.5	-50.4	348.5	348.7	-55.0	56.	0.0210	0.0209	0.0430	270.0	49.9
23369.	27.2	-50.6	349.9	350.1	-55.2	56.	0.0205	0.0204	0.0426	270.0	50.3
23381.	26.9	-50.8	351.3	351.5	-55.4	56.	0.0200	0.0199	0.0422	270.0	50.6
23430.	26.7	-50.5	353.5	353.7	-55.1	56.	0.0207	0.0206	0.0418	270.0	50.9
23504.	26.4	-50.1	356.7	356.9	-54.7	56.	0.0218	0.0216	0.0413	270.0	51.2
23578.	26.1	-49.8	359.6	359.8	-54.4	56.	0.0226	0.0224	0.0407	270.0	51.4
23628.	25.9	-49.6	361.5	361.8	-54.2	56.	0.0232	0.0229	0.0404	270.0	51.6
23705.	25.6	-49.3	364.5	364.7	-53.9	56.	0.0241	0.0239	0.0398	270.0	51.8
23756.	25.4	-48.9	367.1	367.3	-53.5	56.	0.0253	0.0249	0.0395	270.0	51.9
23808.	25.2	-48.4	370.0	370.2	-53.1	56.	0.0269	0.0264	0.0391	270.0	51.9
23887.	24.9	-48.1	372.2	373.3	-52.8	56.	0.0279	0.0274	0.0386	270.0	51.8
23940.	24.7	-47.8	375.4	375.7	-52.5	56.	0.0289	0.0284	0.0382	270.0	51.8
23993.	24.5	-47.4	378.0	378.4	-52.1	56.	0.0303	0.0297	0.0378	270.0	51.7
24048.	24.3	-47.1	380.4	380.8	-51.8	56.	0.0314	0.0306	0.0375	270.0	51.5
24122.	24.1	-46.5	383.7	384.1	-51.2	56.	0.0338	0.0330	0.0371	270.0	51.4
24168.	23.9	-46.1	386.0	386.4	-50.8	56.	0.0354	0.0345	0.0367	270.0	51.2
24242.	23.6	-45.6	389.7	390.1	-50.3	56.	0.0367	0.0358	0.0362	271.0	51.0
24298.	23.4	-45.3	391.6	391.4	-50.7	56.	0.0362	0.0353	0.0359	271.0	50.7
24355.	23.2	-46.0	392.4	392.8	-52.8	56.	0.0356	0.0349	0.0356	271.0	50.5
24413.	23.0	-46.0	394.0	394.4	-52.8	56.	0.0356	0.0349	0.0353	272.0	50.2
24471.	22.8	-45.9	396.0	396.4	-52.7	56.	0.0363	0.0353	0.0350	272.0	50.1
24529.	22.6	-45.8	397.7	398.1	-52.7	56.	0.0363	0.0353	0.0347	272.0	49.9
24588.	22.4	-46.0	399.1	399.5	-52.8	56.	0.0359	0.0349	0.0344	273.0	49.9
24672.	22.1	-46.1	401.4	401.8	-52.9	56.	0.0354	0.0345	0.0339	273.0	49.9
24728.	21.9	-46.2	402.5	402.9	-53.0	56.	0.0344	0.0339	0.0337	274.0	49.7
24799.	21.7	-46.4	404.0	404.4	-53.1	56.	0.0342	0.0334	0.0334	274.0	49.6
24861.	21.5	-46.5	405.6	405.9	-53.2	56.	0.0340	0.0330	0.0331	274.0	49.4
24923.	21.3	-46.5	407.3	407.7	-53.2	56.	0.0338	0.0330	0.0328	274.0	49.4
24985.	21.1	-46.5	408.9	409.2	-53.2	56.	0.0338	0.0330	0.0325	275.0	49.4
25048.	20.9	-46.5	411.0	411.4	-53.2	56.	0.0338	0.0330	0.0322	274.0	49.4
25112.	20.7	-46.3	413.4	413.9	-53.0	56.	0.0346	0.0338	0.0318	274.0	49.3
25176.	20.5	-46.1	416.0	416.5	-52.8	56.	0.0354	0.0345	0.0315	273.0	49.2
25242.	20.3	-45.7	419.2	419.6	-52.5	56.	0.0372	0.0362	0.0311	273.0	49.7

SOUNDING 26.0
LATITUDE -61.8 LONGITUDE 2.6
DATE 10-29-81 TIME 1134 GMT
NUMBER OF LEVELS 404

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	973.3	-12.6	-10.4	-10.5	-14.1	73.	1.3115	1.5149	1.2078	120.0	10.3
70.	970.4	-12.8	-10.4	-10.5	-14.6	69.	1.2156	1.4392	1.2089	114.0	9.8
141.	961.4	-13.3	-10.4	-10.5	-15.3	64.	1.0121	1.3532	1.2902	114.0	9.5
207.	953.0	-13.8	-10.3	-10.5	-15.8	61.	1.5743	1.2945	1.2819	117.0	10.0
272.	944.9	-14.5	-10.3	-10.1	-16.5	53.	1.4427	1.2182	1.2739	116.0	9.5
330.	937.6	-15.1	-10.4	-10.1	-17.1	51.	1.3451	1.1559	1.2669	115.0	9.4
388.	930.5	-15.6	-10.5	-10.1	-17.6	47.	1.2533	1.1051	1.2597	114.0	9.6
445.	923.4	-16.1	-10.6	-10.1	-18.1	43.	1.2441	1.0564	1.2525	114.0	9.7
500.	916.7	-16.6	-10.7	-10.1	-18.6	40.	1.1577	1.0127	1.2459	114.0	9.7
555.	910.2	-17.1	-10.8	-10.1	-19.1	37.	1.0771	0.9736	1.2398	114.0	9.7
608.	903.8	-17.6	-10.9	-10.2	-19.5	34.	1.0019	0.9321	1.2332	112.0	9.7
664.	896.9	-17.8	-9.5	-9.7	-19.9	33.	1.0242	0.9193	1.2256	110.0	9.6
715.	890.7	-18.2	-9.7	-9.9	-20.3	31.	0.9716	0.8673	1.2194	110.0	9.6
771.	884.0	-18.7	-9.6	-9.8	-20.6	29.	0.9242	0.8361	1.2111	110.0	9.6
826.	877.3	-19.2	-9.5	-9.8	-21.1	27.	0.8796	0.7987	1.2042	111.0	9.6
882.	870.9	-19.6	-9.4	-9.7	-21.5	25.	0.8391	0.7705	1.1973	112.0	9.6
935.	864.7	-20.1	-9.4	-9.7	-21.9	24.	0.8015	0.7422	1.1907	111.0	9.6
989.	858.5	-20.6	-9.3	-9.7	-22.4	23.	0.7691	0.7087	1.1844	111.0	9.6
1044.	852.1	-21.1	-9.3	-9.7	-22.7	22.	0.7368	0.6795	1.1778	111.0	9.6
1099.	845.8	-17.1	-6.4	-6.6	-19.1	34.	1.1322	0.9661	1.1714	111.0	9.6
1153.	839.8	-15.3	-2.1	-2.3	-17.3	43.	1.3448	1.1544	1.1657	110.0	9.6
1207.	833.8	-15.3	-1.5	-1.8	-17.2	43.	1.3719	1.1445	1.1602	110.0	9.6
1258.	828.2	-15.1	-0.9	-1.2	-17.1	43.	1.3644	1.1466	1.1550	110.0	9.6
1312.	822.5	-15.1	-0.9	-1.1	-17.1	43.	1.3644	1.1349	1.1497	109.0	9.6
1365.	816.5	-15.2	-0.8	-1.1	-17.2	43.	1.3644	1.1444	1.1458	108.0	9.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1425.	815.3	-15.3	1.7	2.0	-17.3	83.	1.3393	1.1343	1.0959	104.0	5.7
1479.	809.4	-15.4	1.1	1.3	-17.4	83.	1.3270	1.1243	1.0882	101.0	5.7
1534.	798.4	-15.6	1.5	1.7	-17.6	83.	1.3026	1.1044	1.0810	99.0	5.5
1589.	792.6	-15.7	1.4	1.9	-17.8	83.	1.2968	1.0953	1.0744	98.0	5.5
1647.	786.5	-16.1	2.2	2.3	-18.1	83.	1.2834	1.0863	1.0669	96.0	5.6
1703.	780.7	-16.3	2.5	2.7	-18.3	83.	1.2705	1.0776	1.0599	94.0	5.6
1763.	774.5	-16.4	3.0	3.2	-18.4	83.	1.2591	1.0683	1.0519	93.0	5.6
1821.	768.5	-16.7	3.5	3.5	-18.7	83.	1.1757	1.0011	1.0449	92.0	5.6
1878.	762.9	-17.1	3.5	3.6	-19.1	83.	1.1324	0.9658	1.0389	90.0	5.6
1929.	757.5	-17.4	3.7	3.9	-19.4	83.	1.1010	0.9400	1.0327	90.0	5.6
1980.	752.4	-17.7	3.4	4.1	-19.7	83.	1.0705	0.9149	1.0270	88.0	5.6
2027.	747.6	-17.9	4.2	4.4	-19.9	83.	1.0523	0.8985	1.0212	87.0	5.6
2078.	742.6	-18.2	4.6	4.8	-20.2	83.	1.0404	0.8904	1.0148	86.0	5.6
2133.	737.1	-18.2	5.0	5.2	-20.2	83.	1.0209	0.8743	1.0080	84.0	5.5
2189.	731.6	-18.4	5.4	5.5	-20.4	83.	1.0017	0.8586	1.0013	82.0	5.5
2247.	726.4	-18.7	5.7	5.8	-20.6	83.	0.9736	0.8355	0.9946	80.0	5.4
2306.	720.2	-18.9	6.1	6.2	-20.8	83.	0.9552	0.8204	0.9876	79.0	5.5
2364.	714.6	-19.2	6.4	6.5	-21.1	83.	0.9383	0.7982	0.9811	77.0	5.4
2422.	709.3	-19.7	6.5	6.8	-21.6	83.	0.8850	0.7624	0.9753	74.0	5.4
2478.	703.7	-19.8	6.8	7.0	-21.8	83.	0.8682	0.7485	0.9687	72.0	5.2
2534.	698.4	-20.2	7.1	7.2	-22.1	83.	0.8435	0.7281	0.9626	70.0	5.2
2592.	692.9	-20.6	7.3	7.4	-22.5	83.	0.8116	0.7017	0.9565	68.0	5.2
2643.	688.1	-21.1	7.4	7.5	-22.9	83.	0.7809	0.6762	0.9513	65.0	5.1
2694.	683.4	-21.2	7.8	7.7	-23.2	83.	0.7585	0.6576	0.9459	63.0	5.0
2745.	678.7	-21.5	8.0	8.1	-23.4	83.	0.7439	0.6454	0.9402	61.0	5.0
2797.	673.9	-21.6	8.4	8.5	-23.5	83.	0.7367	0.6394	0.9339	58.0	5.0
2853.	668.8	-21.7	8.9	9.0	-23.6	83.	0.7296	0.6335	0.9272	56.0	4.9
2911.	663.5	-21.7	9.4	9.7	-23.6	83.	0.7296	0.6335	0.9198	53.0	5.0
2970.	658.2	-22.2	9.6	9.8	-24.1	83.	0.6948	0.6045	0.9143	50.0	5.0
3027.	653.1	-22.7	9.7	9.8	-24.6	83.	0.6617	0.5768	0.9090	48.0	5.0
3083.	648.1	-23.2	9.8	9.9	-25.1	83.	0.6290	0.5502	0.9038	45.0	4.9
3140.	643.1	-23.8	9.7	9.8	-25.7	83.	0.5937	0.5198	0.8990	41.0	4.8
3197.	638.1	-24.3	9.8	9.9	-26.2	83.	0.5650	0.4957	0.8938	39.0	4.8
3252.	633.3	-24.7	9.4	10.0	-26.6	83.	0.5430	0.4771	0.8884	36.0	4.8
3308.	628.4	-25.1	10.1	10.2	-27.0	83.	0.5217	0.4592	0.8830	34.0	4.6
3364.	623.6	-25.6	10.1	10.2	-27.4	83.	0.4962	0.4376	0.8780	32.0	4.5
3419.	618.9	-25.9	10.5	10.6	-27.6	83.	0.4863	0.4292	0.8721	30.0	4.4
3469.	614.6	-26.1	10.8	10.9	-27.8	83.	0.4766	0.4210	0.8667	28.0	4.2
3521.	610.2	-26.5	11.1	11.2	-28.1	83.	0.4624	0.4090	0.8615	26.0	4.2
3575.	605.6	-26.8	11.4	11.5	-28.4	83.	0.4486	0.3972	0.8561	24.0	4.0
3630.	600.9	-26.9	11.6	11.6	-28.6	83.	0.4436	0.3926	0.8500	20.0	3.9
3686.	596.2	-27.2	12.0	12.1	-28.8	83.	0.4308	0.3820	0.8437	17.0	3.8
3747.	591.3	-27.2	12.6	12.7	-29.0	83.	0.4221	0.3747	0.8379	14.0	3.8
3802.	586.8	-27.4	13.0	13.1	-29.2	83.	0.4136	0.3674	0.8322	13.0	3.7
3856.	582.4	-27.4	13.4	13.5	-29.4	83.	0.4153	0.3683	0.8266	10.0	3.7
3912.	577.9	-27.6	13.6	13.9	-29.6	83.	0.3971	0.3533	0.8209	6.0	3.9
3969.	573.3	-28.1	14.1	14.2	-30.0	83.	0.3851	0.3430	0.8153	3.0	4.0
4026.	568.6	-28.5	14.3	14.4	-30.3	83.	0.3696	0.3297	0.8100	2.0	4.1
4086.	563.9	-28.8	14.5	14.6	-30.7	83.	0.3547	0.3170	0.8046	360.0	4.1
4145.	559.4	-29.3	14.7	14.8	-31.1	83.	0.3423	0.3046	0.7995	358.0	4.2
4201.	555.0	-29.7	14.9	14.9	-31.5	83.	0.3285	0.2927	0.7945	356.0	4.3
4256.	550.7	-30.0	15.2	15.2	-31.8	83.	0.3165	0.2841	0.7893	354.0	4.4
4311.	546.5	-30.5	15.4	15.5	-32.1	83.	0.3067	0.2757	0.7842	352.0	4.6
4370.	542.0	-30.5	15.8	15.8	-32.3	83.	0.3004	0.2702	0.7784	349.0	4.8
4429.	537.6	-30.7	16.2	16.4	-32.5	83.	0.2942	0.2648	0.7726	347.0	5.1
4490.	533.2	-30.9	16.6	16.7	-32.7	83.	0.2841	0.2595	0.7666	344.0	5.3
4548.	529.0	-31.2	17.0	17.4	-33.0	83.	0.2750	0.2569	0.7606	343.0	5.5
4607.	524.1	-31.2	17.4	17.8	-33.0	83.	0.2791	0.2518	0.7549	340.0	5.8
4664.	519.9	-31.4	17.8	18.2	-33.2	83.	0.2733	0.2466	0.7494	339.0	6.0
4726.	515.7	-31.6	18.2	18.6	-33.4	83.	0.2676	0.2418	0.7440	338.0	6.2
4777.	511.7	-32.2	18.6	18.7	-33.9	83.	0.2512	0.2275	0.7400	336.0	6.4
4835.	507.5	-32.6	18.8	19.0	-34.3	83.	0.2407	0.2184	0.7352	334.0	6.6
4896.	503.1	-33.0	19.1	19.1	-34.7	83.	0.2347	0.2397	0.7303	333.0	6.8
4957.	498.7	-33.4	19.4	19.6	-34.9	83.	0.2258	0.2054	0.7242	331.0	7.0
5018.	494.4	-33.8	19.8	20.0	-35.2	83.	0.2187	0.1991	0.7189	330.0	7.2
5076.	490.3	-34.2	20.0	20.3	-35.7	83.	0.2172	0.1891	0.7144	329.0	7.3
5135.	486.2	-34.6	20.3	20.6	-36.3	83.	0.1943	0.1777	0.7102	329.0	7.5
5194.	482.1	-35.1	20.1	20.1	-36.8	83.	0.1840	0.1687	0.7057	329.0	7.7
5251.	478.2	-35.5	20.2	20.3	-37.2	83.	0.1762	0.1618	0.7011	328.0	7.7
5307.	474.3	-35.9	20.6	20.8	-37.5	83.	0.1705	0.1569	0.6963	327.0	7.8
5360.	471.7	-36.0	21.1	21.1	-37.6	83.	0.1687	0.1551	0.6913	327.0	8.1
5412.	467.2	-36.2	21.5	21.6	-37.7	83.	0.1668	0.1535	0.6864	327.0	8.4
5464.	463.7	-36.2	22.0	22.0	-37.9	83.	0.1632	0.1503	0.6819	326.0	8.5
5512.	460.5	-36.4	22.3	22.3	-38.1	83.	0.1597	0.1472	0.6777	327.0	8.8
5560.	457.3	-36.7	22.5	22.6	-38.4	83.	0.1545	0.1426	0.6739	327.0	9.0
5612.	454.9	-37.1	22.7	22.7	-38.8	83.	0.1478	0.1367	0.6700	327.0	9.2
5670.	452.1	-37.6	22.7	22.8	-39.3	83.	0.1399	0.1296	0.6658	327.0	9.4
5724.	449.3	-38.2	22.7	22.8	-39.9	83.	0.1328	0.1215	0.6618	327.0	9.6
5784.	446.7	-38.7	22.7	22.8	-40.4	83.	0.1257	0.1152	0.6579	327.0	10.0
5844.	443.1	-39.1	22.7	22.8	-41.7	83.	0.1183	0.1103	0.6537	327.0	10.3
5903.	439.7	-39.4	23.2	23.2	-41.0	83.	0.1144	0.1068	0.6494	327.0	10.7
5963.	436.2	-39.8	23.3	23.3	-41.4	83.	0.1092	0.1022	0.6458	327.0	11.0
6021.	433.0	-40.3	23.3	23.3	-41.9	83.	0.1033	0.0968	0.6427	327.0	11.4
6083.	429.2	-41.0	23.4	23.4	-42.4	83.	0.0976	0.0917	0.6391	328.0	11.8
6094.	423.0	-41.8	23.4	23.4	-42.8	83.	0.0933	0.0877	0.6354	328.0	12.1
6140.	419.8	-42.2	23.5	23.6	-43.2	83.	0.0891	0.0839	0.6317	329.0	12.4
6198.	416.7	-42.6	23.7	23.7	-43.6	83.	0.0851	0.0803	0.6281	329.0	12.7
6245.	413.7	-42.9	23.8	23.9	-44.0	83.	0.0812	0.0768	0.6246	330.0	13.0
6290.	410.9	-43.2	23.7	23.7	-44.5	83.	0.0767	0.0726	0.6217	330.0	13.3
6336.	408.1	-43.5	23.8	23.8	-44.9	83.	0.0732	0.0695	0.6186	331.0	13.5
6383.	405.3	-43.8	24.0	24.0	-45.2	83.	0.0707	0.0672	0.6151	331.0	13.7
6431.	402.4	-43.9	24.2	24.2	-45.5	83.	0.0682	0.0649	0.6115	332.0	14.0
6481.	399.4	-44.1	24.5	24.6	-45.7	83.	0.0666	0.0635	0.6075	332.0	14.0
6531.	396.4	-44.4	24.6	24.6	-46.0	83.	0.0643	0.0614	0.6037	333.0	14.1
6583.	393.5	-44.8	24.9	24.9	-46.4	83.	0.0614	0.0586	0.6004	333.0	14.3
6633.	390.4	-45.1	25.2	25.2	-46.7	83.	0.0592	0.0567	0.5964	333.0	14.4
6682.	387.5	-45.3	25.4	25.4	-47.1	83.	0.0565	0.0541	0.5930	333.0	14.7
6736.	384.4	-45.3	25.5	25.5	-47.5	83.	0.0539	0.0517	0.5893	334.0	14.8
6792.	381.2	-46.4	25.5	25.5	-47.9	83.	0.0508	0.0488	0.5857	333.0	15.0
6846.	378.1	-46.9	25.5	25.6	-48.4	83.	0.0478	0.0461	0.5822	333.0	15.2
6898.	375.1	-47.4	25.6	25.6	-48.9	83.	0.0450	0.0435	0.5789	334.0	15.3
6951.	372.1	-47.9	25.6	25.6	-49.4	83.	0.0424	0.0410	0.5755	333.0	15.5
7006.	369.0	-48.3	25.8	25.8	-49.8	83.	0.0404	0.0391	0.5717	333.0	15.6
7060.	366.0	-48.7	25.8	25.8	-50.2	83.	0.0384	0.0374	0.5681	333.0	15.7
7114.	363.0	-49.2	26.0	26.0	-50.7	83.	0.0361	0.0352	0.5647	332.0	16.0
7168.	360.0	-49.7	26.0	26.0	-51.2	83.	0.0340	0.0332	0.5613	332.0	16.2
7221.	357.1	-50.1	26.2	26.2	-51.6	83.	0.0324	0.0316	0.5578	331.0	16.5
7272.	354.3	-50.6	26.2	26.2	-52.1	83.	0.0308	0.0298	0.5546	330.0	16.6
7326.	351.4	-51.1	26.2	26.2	-52.6	83.	0.0296	0.0281	0.5513	330.0	16.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7376.	348.7	-51.6	26.2	26.2	-53.1	83.	0.0266	0.0264	0.5483	330.0	17.0
7428.	345.9	-52.0	26.3	26.3	-53.5	82.	0.0255	0.0252	0.5449	329.0	17.1
7481.	343.1	-52.4	26.5	26.5	-53.8	82.	0.0243	0.0240	0.5415	329.0	17.3
7531.	340.4	-53.0	26.5	26.4	-54.5	80.	0.0225	0.0223	0.5387	329.0	17.4
7582.	337.7	-53.1	26.9	26.8	-54.6	83.	0.0222	0.0220	0.5346	328.0	17.5
7628.	335.3	-53.4	27.1	27.1	-54.9	83.	0.0214	0.0212	0.5316	328.0	17.6
7674.	333.0	-53.7	27.3	27.2	-55.1	83.	0.0206	0.0205	0.5286	328.0	17.8
7717.	330.7	-54.0	27.5	27.5	-55.4	83.	0.0198	0.0197	0.5257	328.0	17.8
7762.	328.4	-54.3	27.6	27.7	-55.7	82.	0.0191	0.0190	0.5228	327.0	18.0
7806.	326.2	-54.5	28.0	28.0	-55.9	83.	0.0186	0.0185	0.5194	327.0	18.1
7854.	323.7	-54.7	28.3	28.3	-56.1	83.	0.0181	0.0181	0.5162	327.0	18.1
7894.	321.4	-54.9	28.6	28.6	-56.2	83.	0.0179	0.0178	0.5128	327.0	18.1
7945.	319.2	-55.1	28.9	28.9	-56.5	83.	0.0172	0.0172	0.5100	327.0	18.0
7980.	316.9	-55.5	29.1	29.1	-56.9	82.	0.0163	0.0164	0.5072	327.0	18.2
8029.	314.9	-55.9	29.2	29.2	-57.2	82.	0.0157	0.0157	0.5047	327.0	18.3
8074.	312.7	-56.3	29.5	29.5	-57.4	82.	0.0153	0.0154	0.5017	327.0	18.3
8119.	310.5	-56.6	29.8	29.8	-57.6	82.	0.0149	0.0150	0.4986	326.0	18.5
8162.	308.4	-56.8	29.9	29.9	-58.0	83.	0.0141	0.0142	0.4961	326.0	18.5
8205.	306.3	-56.9	30.1	30.1	-58.3	83.	0.0136	0.0137	0.4934	326.0	18.6
8250.	304.1	-57.1	30.2	30.2	-58.6	83.	0.0131	0.0132	0.4906	326.0	18.8
8294.	302.0	-57.6	30.3	30.3	-59.0	83.	0.0124	0.0125	0.4881	326.0	18.8
8338.	299.9	-57.9	30.5	30.5	-59.3	82.	0.0119	0.0121	0.4854	326.0	19.0
8382.	297.8	-58.2	30.7	30.7	-59.6	83.	0.0114	0.0116	0.4826	325.0	19.0
8425.	295.8	-58.7	30.8	30.8	-60.1	83.	0.0109	0.0109	0.4805	325.0	19.2
8467.	293.8	-59.1	30.7	30.7	-60.4	83.	0.0103	0.0105	0.4779	325.0	19.4
8512.	291.7	-59.3	31.0	31.0	-60.7	83.	0.0099	0.0101	0.4752	325.0	19.6
8555.	289.7	-59.6	31.2	31.2	-60.9	83.	0.0096	0.0098	0.4724	324.0	19.6
8603.	287.5	-59.9	31.4	31.4	-61.2	83.	0.0092	0.0094	0.4694	324.0	19.7
8646.	285.4	-60.2	31.5	31.5	-61.6	83.	0.0087	0.0090	0.4669	324.0	19.8
8692.	283.4	-60.5	32.0	32.0	-61.7	83.	0.0086	0.0086	0.4638	323.0	19.9
8738.	281.3	-60.4	32.0	32.0	-61.9	83.	0.0085	0.0087	0.4606	323.0	19.9
8785.	279.2	-60.5	33.1	33.1	-61.9	83.	0.0084	0.0086	0.4574	323.0	20.0
8827.	277.3	-60.9	33.6	33.6	-61.9	83.	0.0084	0.0086	0.4543	322.0	20.1
8873.	275.4	-60.7	33.6	33.6	-62.1	83.	0.0082	0.0084	0.4516	322.0	20.1
8915.	273.4	-61.0	34.3	34.3	-62.3	83.	0.0079	0.0082	0.4487	321.0	20.0
8958.	271.5	-61.1	34.6	34.6	-62.5	83.	0.0077	0.0080	0.4460	321.0	20.0
9002.	269.5	-61.4	34.8	34.8	-62.7	83.	0.0074	0.0076	0.4435	320.0	19.9
9048.	267.6	-61.6	35.1	35.1	-62.9	83.	0.0072	0.0074	0.4407	320.0	19.8
9097.	265.5	-61.8	35.5	35.5	-63.1	83.	0.0070	0.0072	0.4376	319.0	20.0
9143.	263.5	-61.9	36.0	36.0	-63.2	83.	0.0069	0.0072	0.4345	319.0	19.8
9188.	261.6	-62.0	36.5	36.5	-63.3	83.	0.0068	0.0071	0.4316	318.0	19.5
9231.	259.8	-62.1	37.0	37.0	-63.4	83.	0.0067	0.0070	0.4288	317.0	19.3
9276.	257.9	-62.3	37.4	37.4	-63.6	83.	0.0066	0.0068	0.4261	316.0	19.2
9324.	255.9	-62.6	37.6	37.6	-63.9	83.	0.0063	0.0065	0.4234	315.0	19.0
9367.	254.1	-62.8	37.9	37.9	-64.1	83.	0.0061	0.0063	0.4208	314.0	18.9
9411.	252.3	-62.8	38.6	38.6	-64.1	83.	0.0061	0.0063	0.4178	312.0	18.8
9455.	250.5	-63.0	38.9	38.9	-64.3	83.	0.0059	0.0062	0.4153	311.0	18.7
9504.	248.5	-63.1	39.5	39.5	-64.4	83.	0.0059	0.0061	0.4121	309.0	18.5
9544.	246.7	-62.8	40.6	40.6	-64.1	83.	0.0061	0.0063	0.4086	309.0	18.4
9597.	244.8	-62.6	41.6	41.6	-63.9	83.	0.0063	0.0065	0.4050	307.0	18.1
9647.	242.8	-62.4	42.6	42.6	-63.7	83.	0.0065	0.0067	0.4013	306.0	17.9
9698.	240.9	-62.2	43.7	43.7	-63.5	83.	0.0066	0.0069	0.3977	304.0	17.4
9702.	238.7	-62.0	44.8	44.8	-63.3	83.	0.0068	0.0071	0.3938	303.0	17.4
9807.	236.6	-61.7	46.0	46.0	-63.0	83.	0.0071	0.0073	0.3898	301.0	16.9
9859.	234.6	-61.5	47.4	47.4	-62.7	83.	0.0075	0.0077	0.3858	300.0	16.7
9915.	232.5	-61.6	47.6	47.6	-62.9	83.	0.0072	0.0074	0.3829	298.0	16.5
9971.	230.4	-61.8	48.3	48.3	-63.1	83.	0.0070	0.0072	0.3798	297.0	16.2
10022.	228.5	-62.2	48.4	48.4	-63.5	83.	0.0066	0.0069	0.3773	297.0	16.0
10073.	226.6	-62.7	48.4	48.4	-64.0	83.	0.0062	0.0064	0.3751	296.0	15.8
10122.	224.8	-63.2	48.4	48.4	-64.5	83.	0.0058	0.0060	0.3730	296.0	15.6
10172.	223.0	-63.6	48.5	48.5	-64.9	83.	0.0055	0.0057	0.3707	295.0	15.3
10213.	221.5	-64.0	48.5	48.5	-65.3	83.	0.0052	0.0054	0.3689	294.0	15.0
10257.	219.9	-63.8	49.5	49.5	-65.1	83.	0.0053	0.0055	0.3659	294.0	14.9
10305.	218.2	-63.6	50.5	50.5	-64.9	83.	0.0055	0.0057	0.3627	294.0	14.8
10353.	216.5	-63.3	51.7	51.7	-64.6	83.	0.0057	0.0059	0.3594	294.0	14.7
10404.	214.7	-63.1	52.8	52.8	-64.4	83.	0.0059	0.0061	0.3561	294.0	14.6
10456.	212.9	-63.0	53.8	53.8	-64.3	83.	0.0059	0.0062	0.3529	294.0	14.6
10505.	211.2	-62.8	54.8	54.8	-64.1	83.	0.0061	0.0063	0.3498	294.0	14.4
10552.	209.6	-62.6	55.8	55.8	-63.9	83.	0.0063	0.0065	0.3468	294.0	14.4
10599.	208.0	-62.3	57.0	57.0	-63.6	83.	0.0068	0.0068	0.3437	294.0	14.4
10647.	206.4	-62.2	57.9	57.9	-63.5	83.	0.0066	0.0069	0.3409	293.0	14.4
10701.	204.6	-62.5	58.1	58.1	-63.9	83.	0.0063	0.0065	0.3385	293.0	14.4
10749.	203.0	-62.9	58.4	58.4	-64.2	83.	0.0060	0.0063	0.3364	293.0	14.5
10798.	201.4	-63.1	58.6	58.6	-64.4	83.	0.0059	0.0061	0.3342	292.0	14.6
10843.	199.9	-63.3	59.2	59.2	-64.6	83.	0.0057	0.0059	0.3318	292.0	14.6
10890.	198.4	-63.1	60.2	60.2	-64.4	83.	0.0059	0.0061	0.3290	291.0	14.7
10936.	196.9	-63.0	61.1	61.1	-64.3	83.	0.0059	0.0062	0.3264	290.0	14.8
10983.	195.4	-62.9	62.0	62.0	-64.2	83.	0.0060	0.0063	0.3238	289.0	14.9
11031.	193.9	-62.8	62.9	62.9	-64.1	83.	0.0061	0.0063	0.3211	288.0	15.1
11082.	192.3	-62.7	63.9	63.9	-64.0	83.	0.0062	0.0064	0.3183	288.0	15.3
11130.	190.8	-62.7	64.6	64.6	-64.0	83.	0.0062	0.0064	0.3158	287.0	15.5
11178.	189.3	-62.6	65.6	65.6	-63.9	83.	0.0063	0.0065	0.3132	287.0	15.6
11231.	187.7	-62.5	66.5	66.5	-63.8	83.	0.0064	0.0066	0.3104	286.0	15.9
11277.	186.3	-62.3	67.6	67.6	-63.6	83.	0.0066	0.0068	0.3078	285.0	16.0
11327.	184.8	-62.0	68.9	68.9	-63.3	83.	0.0068	0.0071	0.3049	284.0	16.2
11374.	183.4	-61.8	69.9	69.9	-63.1	83.	0.0070	0.0072	0.3023	284.0	16.4
11424.	181.9	-61.8	70.7	70.7	-63.1	83.	0.0070	0.0072	0.2998	283.0	16.6
11472.	180.5	-62.0	71.2	71.2	-63.3	83.	0.0068	0.0071	0.2978	282.0	16.8
11524.	179.0	-62.2	71.7	71.7	-63.5	83.	0.0066	0.0069	0.2956	282.0	17.0
11572.	177.6	-62.3	72.3	72.3	-63.6	83.	0.0066	0.0068	0.2934	281.0	17.2
11617.	176.3	-62.4	72.8	72.8	-63.7	83.	0.0065	0.0067	0.2914	281.0	17.4
11666.	174.9	-62.6	73.3	73.3	-63.9	83.	0.0063	0.0065	0.2894	281.0	17.6
11719.	173.4	-62.2	74.8	74.8	-63.5	83.	0.0066	0.0069	0.2864	281.0	17.8
11769.	172.0	-61.9	76.1	76.1	-63.2	83.	0.0069	0.0071	0.2836	281.0	18.0
11816.	170.7	-61.9	77.0	77.0	-63.1	83.	0.0070	0.0072	0.2814	281.0	18.1
11864.	169.4	-61.7	78.0	78.0	-63.0	83.	0.0071	0.0073	0.2791	281.0	18.3
11911.	168.1	-61.6	78.9	78.9	-62.9	83.	0.0072	0.0074	0.2768	281.0	18.4
11959.	166.8	-61.5	79.8	79.9	-62.8	83.	0.0073	0.0075	0.2745	281.0	18.4
12008.	165.5	-61.6	80.5	80.5	-62.9	83.	0.0072	0.0074	0.2725	281.0	18.5
12056.	164.2	-61.8	80.9	80.9	-63.1	83.	0.0070	0.0072	0.2707	281.0	18.6
12102.	163.0	-62.1	81.2	81.2	-63.4	83.	0.0067	0.0070	0.2691	281.0	18.7
12147.	161.8	-62.4	81.4	81.4	-63.7	83.	0.0065	0.0067	0.2675	281.0	18.7
12193.	160.6	-62.2	82.5	82.5	-63.5	83.	0.0066	0.0069	0.2652	281.0	18.7
12243.	159.3	-62.1	83.5	83.5	-63.4	83.	0.0067	0.0070	0.2629	281.0	18.7
12294.	158.0	-62.2	84.2	84.2	-63.5	83.	0.0066	0.0069	0.2609	280.0	18.8
12341.	156.8	-62.3	84.8	84.8	-63.6	83.	0.0066	0.0068	0.2591	280.0	18.8
12388.	155.6	-62.3	85.6	85.6	-63.6	83.	0.0066	0.0068	0.2571	280.0	18.7
12436.	154.4	-62.3	86.4	86.4	-63.6	83.	0.0066	0.0068	0.2551	279.0	18.7
12484.	153.2	-62.2	87.3	87.3	-63.5	83.	0.0066	0.0069	0.2530	279.0	18.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12532.	152.0	-62.0	88.5	88.5	-63.3	83.	0.0068	0.0071	0.2508	279.0	18.8
12585.	150.7	-62.0	89.4	89.4	-63.3	83.	0.0068	0.0071	0.2486	279.0	18.8
12635.	149.5	-62.2	89.9	89.9	-63.5	83.	0.0066	0.0069	0.2469	279.0	18.8
12680.	148.4	-62.4	90.3	90.3	-63.7	83.	0.0065	0.0067	0.2453	279.0	18.9
12730.	147.2	-62.6	90.8	90.8	-63.9	83.	0.0063	0.0065	0.2436	279.0	19.0
12781.	146.0	-62.7	91.5	91.5	-64.0	83.	0.0062	0.0064	0.2417	279.0	19.1
12831.	144.8	-62.8	92.1	92.2	-64.1	83.	0.0061	0.0063	0.2398	278.0	19.2
12883.	143.6	-62.8	93.0	93.0	-64.1	83.	0.0061	0.0063	0.2378	278.0	19.3
12934.	142.4	-62.9	93.7	93.7	-64.2	83.	0.0060	0.0063	0.2359	278.0	19.4
12982.	141.3	-62.9	94.5	94.5	-64.2	83.	0.0060	0.0063	0.2341	278.0	19.6
13034.	140.1	-63.0	95.3	95.3	-64.3	83.	0.0059	0.0062	0.2322	278.0	19.7
13083.	139.0	-63.0	96.1	96.1	-64.3	83.	0.0059	0.0062	0.2304	278.0	19.9
13131.	137.9	-62.9	97.1	97.1	-64.2	83.	0.0060	0.0063	0.2285	278.0	20.0
13181.	136.8	-62.8	98.1	98.1	-64.1	83.	0.0061	0.0063	0.2266	278.0	20.2
13230.	135.7	-62.9	98.8	98.8	-64.2	83.	0.0060	0.0063	0.2248	277.0	20.3
13280.	134.6	-62.9	99.7	99.7	-64.2	83.	0.0060	0.0063	0.2230	277.0	20.5
13326.	133.6	-62.9	100.5	100.5	-64.2	83.	0.0060	0.0063	0.2214	276.0	20.8
13377.	132.5	-62.9	101.3	101.4	-64.2	83.	0.0060	0.0063	0.2195	276.0	21.0
13428.	131.4	-62.9	102.2	102.2	-64.2	83.	0.0060	0.0063	0.2177	275.0	21.2
13475.	130.4	-62.9	103.1	103.1	-64.2	83.	0.0060	0.0063	0.2161	275.0	21.5
13527.	129.3	-62.9	104.0	104.0	-64.2	83.	0.0060	0.0063	0.2142	275.0	21.8
13570.	128.4	-63.0	104.6	104.6	-64.3	83.	0.0059	0.0062	0.2129	275.0	21.9
13618.	127.4	-63.2	105.0	105.0	-64.5	83.	0.0058	0.0060	0.2114	274.0	22.2
13667.	126.4	-63.4	105.5	105.5	-64.7	83.	0.0056	0.0058	0.2099	274.0	22.4
13715.	125.4	-63.4	106.4	106.4	-64.7	83.	0.0056	0.0058	0.2083	274.0	22.7
13759.	124.5	-63.4	107.2	107.2	-64.7	83.	0.0056	0.0058	0.2068	274.0	22.9
13804.	123.6	-63.2	108.3	108.3	-64.5	83.	0.0058	0.0060	0.2051	274.0	23.1
13849.	122.7	-63.0	109.5	109.5	-64.3	83.	0.0059	0.0062	0.2034	273.0	23.3
13899.	121.7	-62.8	110.7	110.7	-64.1	83.	0.0061	0.0063	0.2016	273.0	23.5
13945.	120.8	-62.8	111.6	111.6	-64.1	83.	0.0061	0.0063	0.2001	272.0	23.6
13991.	119.9	-62.8	112.4	112.4	-64.1	83.	0.0061	0.0063	0.1986	272.0	23.7
14037.	119.0	-62.8	113.2	113.2	-64.1	83.	0.0061	0.0063	0.1971	272.0	23.8
14084.	118.1	-62.8	114.0	114.0	-64.1	83.	0.0061	0.0063	0.1956	271.0	24.0
14136.	117.1	-62.8	115.0	115.0	-64.1	83.	0.0061	0.0063	0.1939	270.0	24.0
14183.	116.2	-62.8	115.8	115.8	-64.1	83.	0.0061	0.0063	0.1924	270.0	24.1
14237.	115.2	-62.6	117.2	117.2	-63.9	83.	0.0063	0.0065	0.1906	270.0	24.2
14285.	114.3	-62.4	118.4	118.4	-63.7	83.	0.0065	0.0067	0.1889	270.0	24.2
14334.	113.4	-62.1	119.8	119.8	-63.4	83.	0.0067	0.0070	0.1872	270.0	24.2
14386.	112.4	-61.9	121.2	121.2	-63.2	83.	0.0069	0.0071	0.1854	269.0	24.2
14438.	111.5	-61.9	122.1	122.1	-63.2	83.	0.0069	0.0071	0.1839	268.0	24.1
14494.	110.5	-62.0	123.0	123.0	-63.3	83.	0.0068	0.0071	0.1823	268.0	24.1
14544.	109.6	-62.1	123.7	123.7	-63.4	83.	0.0067	0.0070	0.1809	268.0	24.0
14589.	108.8	-62.3	124.7	124.7	-63.6	83.	0.0066	0.0069	0.1795	267.0	24.0
14646.	107.8	-61.9	126.0	126.0	-63.2	83.	0.0069	0.0071	0.1778	267.0	23.9
14698.	106.9	-61.9	126.9	126.9	-63.2	83.	0.0069	0.0071	0.1763	267.0	23.9
14750.	106.0	-61.9	127.9	127.9	-63.2	83.	0.0069	0.0071	0.1748	268.0	23.8
14803.	105.1	-62.0	128.7	128.7	-63.3	83.	0.0068	0.0071	0.1734	268.0	23.7
14856.	104.2	-62.0	129.7	129.7	-63.3	83.	0.0068	0.0071	0.1719	268.0	23.7
14934.	103.4	-61.9	130.8	130.8	-63.2	83.	0.0069	0.0071	0.1705	268.0	23.7
14958.	102.5	-61.8	131.9	132.0	-63.1	83.	0.0071	0.0072	0.1690	268.0	23.7
15012.	101.6	-61.6	133.4	133.4	-62.9	83.	0.0072	0.0074	0.1673	270.0	23.8
15067.	100.7	-61.3	135.0	135.0	-62.7	83.	0.0075	0.0077	0.1656	270.0	23.9
15117.	99.9	-61.5	135.5	135.5	-62.8	83.	0.0073	0.0075	0.1644	271.0	24.0
15166.	99.1	-61.7	136.1	136.1	-63.0	83.	0.0071	0.0073	0.1633	271.0	24.1
15223.	98.2	-61.8	136.9	136.9	-63.1	83.	0.0070	0.0072	0.1619	271.0	24.1
15280.	97.3	-61.9	137.8	137.8	-63.2	83.	0.0069	0.0071	0.1605	271.0	24.3
15331.	96.5	-61.9	138.4	138.4	-63.2	83.	0.0069	0.0071	0.1591	271.0	24.4
15382.	95.7	-62.0	139.1	139.1	-63.3	83.	0.0068	0.0071	0.1579	271.0	24.7
15440.	94.8	-62.2	140.3	140.3	-63.5	83.	0.0066	0.0069	0.1566	271.0	25.0
15492.	94.0	-62.3	141.1	141.1	-63.6	83.	0.0065	0.0068	0.1553	271.0	25.3
15552.	93.1	-62.4	142.0	142.1	-63.7	83.	0.0065	0.0067	0.1539	271.0	25.7
15603.	92.3	-62.4	143.1	143.1	-63.7	83.	0.0065	0.0067	0.1526	271.0	26.0
15659.	91.5	-62.5	144.3	144.3	-63.8	83.	0.0064	0.0068	0.1512	271.0	26.5
15713.	90.7	-62.2	145.6	145.6	-63.5	83.	0.0066	0.0069	0.1498	273.0	27.0
15767.	89.9	-62.2	146.6	146.6	-63.5	83.	0.0066	0.0069	0.1485	273.0	27.5
15822.	89.1	-62.2	147.7	147.7	-63.5	83.	0.0066	0.0069	0.1471	273.0	28.0
15871.	88.4	-62.2	148.6	148.6	-63.5	83.	0.0066	0.0069	0.1460	273.0	28.4
15927.	87.6	-62.2	149.7	149.7	-63.5	83.	0.0066	0.0069	0.1447	273.0	28.9
15984.	86.8	-62.1	151.0	151.1	-63.4	83.	0.0067	0.0070	0.1433	273.0	29.4
16041.	86.0	-61.9	152.4	152.4	-63.2	83.	0.0069	0.0071	0.1418	272.0	30.0
16099.	85.2	-61.7	154.1	154.1	-63.0	83.	0.0071	0.0073	0.1404	272.0	30.7
16157.	84.4	-61.6	155.5	155.5	-62.9	83.	0.0072	0.0074	0.1390	272.0	31.3
16209.	83.7	-61.7	156.3	156.3	-63.0	83.	0.0071	0.0073	0.1379	272.0	31.6
16264.	82.9	-61.7	157.5	157.5	-63.0	83.	0.0071	0.0073	0.1366	272.0	31.6
16328.	82.1	-61.7	158.7	158.7	-63.0	83.	0.0071	0.0073	0.1353	272.0	31.7
16388.	81.3	-61.7	159.9	159.9	-63.0	83.	0.0071	0.0073	0.1339	272.0	31.9
16442.	80.6	-61.7	161.0	161.2	-63.0	83.	0.0071	0.0073	0.1328	272.0	32.0
16496.	79.9	-61.6	162.2	162.2	-62.9	83.	0.0072	0.0074	0.1316	272.0	32.4
16550.	79.2	-61.6	163.3	163.3	-62.9	83.	0.0072	0.0074	0.1304	273.0	32.6
16605.	78.5	-61.6	164.4	164.4	-62.9	83.	0.0072	0.0074	0.1293	273.0	32.7
16661.	77.8	-61.2	166.4	166.4	-62.6	83.	0.0076	0.0078	0.1279	273.0	32.8
16709.	77.2	-60.5	168.2	168.2	-62.2	83.	0.0080	0.0083	0.1267	273.0	33.0
16757.	76.6	-60.5	169.2	169.2	-61.8	83.	0.0084	0.0086	0.1255	273.0	33.0
16814.	75.9	-60.4	171.2	171.2	-61.8	83.	0.0085	0.0087	0.1243	273.0	33.1
16863.	75.3	-60.3	172.4	172.4	-61.7	83.	0.0086	0.0088	0.1232	273.0	33.1
16913.	74.7	-60.1	173.8	173.8	-61.5	83.	0.0089	0.0091	0.1222	274.0	33.2
16963.	74.1	-59.9	175.2	175.2	-61.3	83.	0.0091	0.0093	0.1211	274.0	33.3
17023.	73.4	-59.7	176.9	176.9	-61.1	83.	0.0093	0.0095	0.1198	274.0	33.4
17074.	72.8	-59.4	178.6	178.6	-61.0	83.	0.0097	0.0099	0.1187	274.0	33.6
17126.	72.2	-59.1	180.3	180.3	-60.8	83.	0.0101	0.0103	0.1175	274.0	34.1
17178.	71.6	-58.9	181.8	181.8	-60.6	83.	0.0104	0.0106	0.1164	274.0	34.4
17240.	70.9	-58.8	183.7	183.7	-60.5	83.	0.0106	0.0108	0.1151	274.0	34.6
17293.	70.3	-58.8	184.4	184.4	-60.5	83.	0.0107	0.0109	0.1143	274.0	34.8
17347.	69.7	-58.9	185.4	185.4	-60.6	83.	0.0104	0.0106	0.1133	275.0	35.0
17401.	69.1	-58.8	186.7	186.7	-60.5	83.	0.0107	0.0109	0.1123	275.0	35.2
17455.	68.5	-58.7	188.1	188.1	-60.4	83.	0.0110	0.0112	0.1113	275.0	35.4
17520.	67.8	-58.6	189.8	189.8	-60.3	83.	0.0112	0.0114	0.1101	275.0	35.7
17575.	67.2	-58.6	190.8	190.8	-60.3	83.	0.0112	0.0114	0.1091	275.0	35.9
17622.	66.7	-58.6	191.6	191.6	-60.3	83.	0.0108	0.0110	0.1083	275.0	36.0
17679.	66.1	-58.5	193.0	193.0	-60.2	83.	0.0110	0.0112	0.1075	275.0	36.2
17736.	65.5	-58.4	194.6	194.7	-60.1	83.	0.0111	0.0113	0.1063	275.0	36.5
17794.	64.9	-58.5	195.5	195.7	-60.2	83.	0.0110	0.0112	0.1053	275.0	36.8
17852.	64.3	-58.5	196.9	196.9	-60.2	83.	0.0110	0.0112	0.1044	275.0	37.1
17901.	63.8	-58.4	198.0	198.0	-60.1	83.	0.0111	0.0113	0.1035	275.0	37.4
17961.	63.2	-58.3	199.6	199.7	-60.0	83.	0.0112	0.0114	0.1025	275.0	37.7
18011.	62.7	-58.3	200.9	201.0	-60.0	83.	0.0114	0.0116	0.1016	275.0	37.9
18071.	62.1	-58.1	202.5	202.6	-59.8	83.	0.0116	0.0117	0.1006	275.0	38.2
18122.	61.6	-58.1	203.6	203.6	-59.8	83.	0.0116	0.0117	0.0998	275.0	38.4
18183.	61.0	-58.2	204.7	204.7	-59.9	83.	0.0114	0.0116	0.0989	275.0	38.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18235.	60.5	-58.1	236.0	236.1	-59.5	83.	0.0116	0.0117	0.0980	272.0	39.8
18298.	59.9	-58.0	207.6	207.7	-59.4	83.	0.0117	0.0119	0.0970	272.0	40.0
18350.	59.4	-57.7	209.4	209.5	-59.1	83.	0.0122	0.0124	0.0961	272.0	40.1
18414.	58.8	-57.5	211.3	211.3	-58.9	83.	0.0125	0.0127	0.0950	272.0	40.3
18468.	58.3	-57.3	212.9	213.0	-58.7	83.	0.0129	0.0130	0.0941	271.0	40.4
18534.	57.7	-57.2	214.6	214.6	-58.6	83.	0.0130	0.0132	0.0931	271.0	40.4
18589.	57.2	-57.3	215.6	215.6	-58.7	83.	0.0129	0.0130	0.0923	271.0	40.5
18655.	56.6	-57.3	217.0	217.1	-58.7	83.	0.0129	0.0130	0.0914	271.0	40.5
18711.	56.1	-57.2	218.5	218.6	-58.6	83.	0.0130	0.0132	0.0905	271.0	40.5
18768.	55.6	-57.0	220.2	220.3	-58.4	83.	0.0134	0.0135	0.0896	271.0	40.4
18836.	55.0	-56.9	222.0	222.0	-58.3	83.	0.0136	0.0137	0.0886	271.0	40.3
18894.	54.5	-56.8	223.5	223.6	-58.2	83.	0.0138	0.0139	0.0878	271.0	40.2
18952.	54.0	-56.7	225.1	225.1	-58.1	83.	0.0139	0.0140	0.0869	271.0	40.1
19011.	53.5	-56.7	226.4	226.4	-58.1	83.	0.0139	0.0140	0.0861	271.0	40.1
19071.	53.0	-56.9	227.3	227.3	-58.3	83.	0.0136	0.0137	0.0854	271.0	40.0
19130.	52.5	-57.1	228.2	228.2	-58.5	83.	0.0132	0.0133	0.0847	271.0	40.0
19191.	52.0	-56.9	230.0	230.0	-58.3	83.	0.0136	0.0137	0.0838	271.0	39.9
19240.	51.6	-56.7	231.6	231.6	-58.1	83.	0.0139	0.0140	0.0831	271.0	39.8
19301.	51.1	-56.5	233.4	233.5	-57.9	83.	0.0143	0.0144	0.0822	271.0	39.8
19351.	50.7	-56.4	234.6	234.9	-57.8	83.	0.0145	0.0146	0.0815	271.0	39.8
19401.	50.3	-56.3	236.2	236.3	-57.7	83.	0.0147	0.0148	0.0808	271.0	39.8
19465.	49.8	-56.1	238.1	238.2	-57.5	83.	0.0151	0.0151	0.0799	272.0	39.8
19516.	49.4	-56.1	239.3	239.4	-57.5	83.	0.0151	0.0151	0.0793	271.0	40.0
19568.	49.0	-56.1	240.5	240.6	-57.5	83.	0.0151	0.0151	0.0787	271.0	40.0
19620.	48.6	-55.9	242.2	242.2	-57.3	83.	0.0155	0.0155	0.0779	271.0	40.2
19672.	48.2	-55.6	244.1	244.2	-57.0	83.	0.0161	0.0161	0.0772	270.0	40.3
19725.	47.8	-55.2	246.3	246.4	-56.6	83.	0.0169	0.0170	0.0764	270.0	40.5
19779.	47.4	-54.8	248.5	248.6	-56.2	83.	0.0178	0.0178	0.0756	271.0	40.8
19833.	47.0	-54.6	250.2	250.3	-56.0	83.	0.0183	0.0183	0.0749	270.0	40.9
19887.	46.6	-54.6	251.5	251.6	-56.0	83.	0.0183	0.0183	0.0743	270.0	41.3
19943.	46.2	-54.5	253.1	253.1	-55.9	83.	0.0185	0.0185	0.0736	270.0	41.6
19998.	45.8	-54.3	254.8	254.9	-55.7	83.	0.0190	0.0190	0.0729	270.0	41.9
20068.	45.3	-54.3	257.2	257.3	-55.4	83.	0.0198	0.0197	0.0720	270.0	42.4
20125.	44.9	-53.8	259.1	259.2	-55.2	83.	0.0203	0.0202	0.0713	270.0	42.8
20183.	44.5	-53.5	261.2	261.2	-55.0	83.	0.0211	0.0209	0.0706	270.0	43.2
20241.	44.1	-53.4	262.8	262.9	-54.9	83.	0.0214	0.0212	0.0699	271.0	43.6
20299.	43.7	-53.3	264.4	264.5	-54.8	83.	0.0216	0.0215	0.0693	271.0	44.0
20358.	43.3	-53.2	266.1	266.2	-54.7	83.	0.0219	0.0217	0.0686	272.0	44.4
20418.	42.9	-53.1	267.8	267.9	-54.6	83.	0.0222	0.0220	0.0679	272.0	44.8
20463.	42.6	-53.1	268.8	268.9	-54.6	83.	0.0222	0.0220	0.0675	272.0	45.3
20524.	42.2	-53.0	270.5	270.7	-54.5	83.	0.0225	0.0223	0.0668	273.0	45.7
20585.	41.8	-52.9	272.3	272.4	-54.4	83.	0.0228	0.0225	0.0661	273.0	46.2
20647.	41.4	-52.7	274.3	274.4	-54.2	83.	0.0233	0.0231	0.0654	274.0	46.6
20710.	41.0	-52.7	275.8	275.9	-54.2	83.	0.0233	0.0231	0.0648	274.0	47.0
20757.	40.7	-52.7	276.9	277.1	-54.2	83.	0.0233	0.0231	0.0643	274.0	47.3
20821.	40.3	-52.7	278.5	278.6	-54.2	83.	0.0233	0.0231	0.0637	274.0	47.7
20885.	39.9	-52.7	280.1	280.2	-54.2	83.	0.0233	0.0231	0.0631	274.0	47.9
20934.	39.6	-52.0	283.0	283.2	-53.5	83.	0.0255	0.0251	0.0624	275.0	47.9
21000.	39.2	-51.3	286.4	286.6	-52.8	83.	0.0278	0.0274	0.0616	274.0	48.1
21049.	38.9	-51.6	287.1	287.3	-53.0	83.	0.0271	0.0267	0.0612	274.0	47.9
21116.	38.5	-51.6	288.5	288.7	-53.1	83.	0.0268	0.0264	0.0606	274.0	48.0
21184.	38.1	-51.7	290.0	290.1	-53.2	83.	0.0265	0.0261	0.0600	275.0	48.2

SOUNDING 29.0
LATITUDE -61.9 LONGITUDE 2.4
DATE 10-29-81 TIME 2339 GMT
NUMBER OF LEVELS 616

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	988.4	-10.3	-9.1	-8.9	-12.4	81.	0.1143	1.7566	1.3102	220.0	10.0
57.	981.1	-10.8	-9.4	-9.2	-16.4	60.	1.4584	1.2308	1.3040	221.0	9.9
113.	974.0	-11.5	-9.5	-9.4	-16.9	61.	1.3926	1.1775	1.2980	210.0	10.8
167.	967.1	-12.2	-9.7	-9.6	-17.2	63.	1.3504	1.1433	1.2922	203.0	11.9
220.	960.4	-12.8	-9.8	-9.6	-17.5	65.	1.3196	1.1183	1.2862	197.0	12.8
272.	953.9	-13.3	-9.8	-9.6	-17.8	66.	1.2803	1.0864	1.2799	193.0	13.5
323.	947.5	-13.8	-9.8	-9.6	-18.0	68.	1.2603	1.0700	1.2738	190.0	14.1
372.	941.4	-14.2	-9.7	-9.6	-18.0	70.	1.2507	1.0622	1.2675	188.0	14.5
419.	935.5	-14.6	-9.6	-9.5	-18.0	72.	1.2493	1.0614	1.2615	186.0	14.6
466.	929.7	-14.9	-9.5	-9.3	-18.9	69.	1.1559	0.9850	1.2551	184.0	14.7
509.	924.4	-15.3	-9.4	-9.3	-19.3	69.	1.1140	0.9507	1.2498	183.0	14.7
556.	918.7	-15.6	-9.3	-9.2	-19.2	71.	1.1148	0.9514	1.2436	182.0	14.7
600.	913.3	-16.1	-9.4	-9.2	-19.4	73.	1.0942	0.9345	1.2387	181.0	14.5
654.	906.8	-16.6	-9.3	-9.2	-19.6	75.	1.0730	0.9171	1.2322	180.0	14.4
705.	900.7	-17.0	-9.2	-9.1	-19.9	76.	1.0472	0.8960	1.2258	180.0	14.3
754.	894.8	-17.3	-9.0	-8.9	-20.1	77.	1.0316	0.8832	1.2192	179.0	14.3
798.	889.5	-17.6	-8.9	-8.8	-20.3	77.	1.0029	0.8596	1.2134	178.0	14.2
841.	884.4	-18.0	-8.9	-8.8	-20.7	77.	0.9657	0.8292	1.2063	177.0	14.0
885.	879.5	-18.3	-8.8	-8.7	-21.2	76.	0.9265	0.7967	1.2000	177.0	13.8
927.	874.3	-18.6	-8.8	-8.6	-21.5	76.	0.9055	0.7793	1.1973	176.0	13.5
971.	869.1	-19.1	-8.7	-8.6	-21.9	76.	0.8587	0.7407	1.1925	176.0	13.3
1013.	864.2	-19.5	-8.7	-8.6	-22.3	76.	0.8265	0.7141	1.1876	176.0	13.0
1058.	859.0	-19.9	-8.6	-8.5	-22.8	75.	0.7926	0.6859	1.1818	175.0	12.8
1103.	853.8	-20.3	-8.5	-8.4	-23.2	76.	0.7729	0.6698	1.1765	174.0	12.3
1152.	848.1	-20.8	-8.4	-8.3	-23.3	77.	0.7935	0.6534	1.1705	174.0	11.7
1201.	842.5	-20.9	-8.2	-8.2	-23.7	76.	0.7324	0.6275	1.1641	173.0	11.4
1246.	837.4	-21.3	-8.2	-8.1	-24.4	74.	0.6767	0.5894	1.1589	174.0	10.8
1294.	832.0	-21.8	-8.0	-8.0	-24.8	73.	0.6484	0.5657	1.1528	174.0	10.3
1342.	826.5	-22.0	-8.1	-7.9	-25.5	71.	0.6065	0.5306	1.1469	174.0	9.6
1394.	820.7	-20.9	-6.2	-6.0	-25.6	63.	0.5988	0.5241	1.1330	174.0	8.2
1439.	815.7	-20.8	-4.8	-4.6	-25.8	51.	0.5286	0.4650	1.1230	174.0	8.7
1486.	810.6	-19.1	-3.4	-3.2	-25.8	52.	0.5874	0.5148	1.1120	175.0	8.2
1534.	805.4	-18.2	-2.8	-2.7	-25.7	52.	0.5830	0.5130	1.1045	175.0	7.6
1586.	800.4	-18.2	-2.8	-2.6	-25.7	52.	0.5963	0.5192	1.0976	175.0	7.4
1626.	795.5	-19.1	-1.9	-1.8	-25.6	53.	0.5967	0.5240	1.0913	175.0	7.0
1671.	790.7	-19.2	-1.8	-1.6	-25.7	53.	0.5950	0.5182	1.0852	175.0	6.8
1713.	786.0	-19.4	-1.5	-1.3	-26.1	52.	0.5758	0.5005	1.0796	175.0	6.7
1756.	781.6	-19.6	-1.1	-1.0	-26.3	52.	0.5686	0.4914	1.0744	175.0	6.5
1801.	776.9	-19.8	-0.8	-0.6	-26.4	52.	0.5493	0.4825	1.0687	174.0	6.3
1849.	771.9	-20.0	-0.6	-0.4	-26.8	51.	0.5295	0.4649	1.0627	174.0	6.2
1894.	767.2	-20.1	-0.5	-0.3	-27.1	50.	0.5139	0.4520	1.0566	174.0	6.2
1936.	762.9	-20.3	-0.3	-0.1	-27.3	50.	0.5034	0.4437	1.0515	174.0	6.3
1976.	758.8	-20.5	-0.2	0.0	-27.7	49.	0.4835	0.4272	1.0467	174.0	6.3
2012.	755.1	-20.8	0.0	0.3	-31.5	34.	0.3264	0.2825	1.0427	173.0	6.5
2050.	751.2	-21.0	0.2	0.5	-36.6	20.	0.1883	0.1724	1.0380	173.0	6.7
2069.	747.1	-21.1	0.4	0.6	-40.9	7.	0.0852	0.0822	1.0326	172.0	6.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2132.	742.9	-21.2	1.1	1.1	-58.6	4.	0.0186	0.0358	1.0272	172.0	6.5
2176.	738.4	-21.3	1.0	1.0	-58.1	2.	0.0181	0.0182	1.0214	173.0	6.4
2221.	733.9	-21.3	2.0	2.0	-61.3	1.	0.0091	0.0093	1.0151	174.0	6.4
2267.	729.4	-21.3	2.0	2.0	-61.3	1.	0.0091	0.0093	1.0089	175.0	6.3
2309.	725.2	-21.5	2.7	2.7	-56.4	2.	0.0175	0.0175	1.0039	176.0	6.2
2353.	720.9	-21.5	3.0	3.0	-56.3	2.	0.0178	0.0177	0.9984	174.0	5.7
2398.	716.5	-21.7	3.4	3.4	-55.2	3.	0.0264	0.0260	0.9927	175.0	5.7
2443.	712.1	-21.8	3.8	3.8	-55.3	3.	0.0261	0.0257	0.9870	176.0	5.6
2491.	707.5	-22.1	4.0	4.0	-51.3	4.	0.0338	0.0330	0.9818	176.0	5.5
2540.	702.8	-22.4	4.3	4.3	-51.4	4.	0.0332	0.0324	0.9760	177.0	5.1
2588.	698.4	-22.5	4.5	4.5	-51.6	4.	0.0325	0.0318	0.9707	178.0	4.9
2633.	694.0	-22.8	4.7	4.7	-50.8	4.	0.0383	0.0383	0.9656	180.0	4.5
2682.	689.3	-23.1	4.9	4.9	-50.2	5.	0.0378	0.0373	0.9603	180.0	4.3
2731.	684.7	-23.3	5.2	5.2	-49.4	6.	0.0451	0.0438	0.9547	182.0	4.1
2773.	680.7	-23.5	5.5	5.5	-49.1	6.	0.0442	0.0428	0.9499	182.0	3.8
2815.	676.8	-23.8	5.6	5.6	-46.1	7.	0.0511	0.0492	0.9456	184.0	3.5
2857.	672.9	-24.0	5.8	5.9	-48.2	7.	0.0491	0.0473	0.9409	184.0	3.3
2898.	669.2	-24.3	6.0	6.0	-48.6	7.	0.0477	0.0462	0.9368	184.0	3.2
2942.	665.1	-24.5	6.2	6.2	-47.6	8.	0.0534	0.0517	0.9319	186.0	2.9
2986.	661.1	-24.8	6.4	6.4	-47.8	8.	0.0518	0.0498	0.9274	187.0	2.7
3029.	657.2	-25.1	6.5	6.5	-47.1	8.	0.0556	0.0542	0.9233	187.0	2.6
3070.	653.5	-25.4	6.6	6.6	-47.2	9.	0.0549	0.0527	0.9189	187.0	2.5
3111.	649.8	-25.7	6.7	6.7	-42.2	17.	0.1326	0.0944	0.9143	186.0	2.4
3156.	645.8	-26.1	6.8	6.8	-40.5	22.	0.1951	0.1164	0.9107	185.0	2.4
3200.	641.6	-26.4	6.9	6.9	-39.1	28.	0.1434	0.1328	0.9062	185.0	2.4
3247.	637.7	-26.8	7.0	7.0	-39.1	32.	0.1569	0.1465	0.9019	183.0	2.5
3297.	633.3	-27.1	7.2	7.2	-37.0	35.	0.1799	0.1650	0.8968	182.0	2.5
3348.	628.8	-27.4	7.4	7.5	-36.8	41.	0.2343	0.1866	0.8915	180.0	2.6
3399.	624.3	-27.7	7.7	7.7	-34.5	49.	0.2868	0.2151	0.8863	180.0	2.7
3448.	620.1	-28.0	7.9	7.9	-34.4	51.	0.2991	0.2170	0.8814	181.0	2.7
3495.	616.0	-28.3	8.1	8.1	-34.5	52.	0.3064	0.2146	0.8766	182.0	2.7
3538.	612.3	-28.6	8.2	8.2	-34.4	54.	0.3180	0.2161	0.8724	182.0	2.7
3582.	608.6	-28.9	8.2	8.2	-34.5	56.	0.3269	0.2151	0.8686	180.0	2.9
3622.	605.2	-29.2	8.4	8.4	-34.5	56.	0.3378	0.2155	0.8648	182.0	3.1
3664.	601.6	-29.5	8.4	8.5	-34.6	58.	0.3445	0.2139	0.8607	184.0	3.1
3703.	598.3	-29.8	8.7	8.7	-34.6	58.	0.3558	0.2054	0.8567	186.0	3.2
3744.	594.9	-30.0	8.9	8.9	-35.1	56.	0.3512	0.2015	0.8525	186.0	3.4
3787.	591.2	-30.2	9.1	9.2	-35.3	58.	0.3666	0.1974	0.8480	187.0	3.4
3830.	587.7	-30.3	9.5	9.6	-35.6	57.	0.3737	0.1921	0.8432	189.0	3.3
3876.	583.9	-30.3	10.0	10.1	-36.1	54.	0.3796	0.1824	0.8378	192.0	3.2
3924.	580.0	-30.4	10.5	10.5	-36.5	52.	0.3822	0.1742	0.8325	195.0	3.2
3969.	576.3	-30.6	10.7	10.8	-36.9	51.	0.3927	0.1675	0.8279	197.0	3.5
4013.	572.8	-30.9	10.9	10.9	-37.2	51.	0.3770	0.1625	0.8239	198.0	3.5
4052.	569.6	-31.2	11.0	11.0	-37.4	51.	0.3715	0.1577	0.8203	203.0	3.5
4092.	566.4	-31.5	11.1	11.1	-37.6	52.	0.3695	0.1559	0.8167	207.0	3.5
4131.	563.3	-31.8	11.2	11.2	-37.7	53.	0.3673	0.1540	0.8132	211.0	3.5
4170.	560.2	-32.0	11.4	11.4	-38.0	52.	0.3608	0.1481	0.8094	214.0	3.6
4209.	557.1	-32.2	11.6	11.6	-38.2	52.	0.3574	0.1452	0.8056	220.0	3.6
4247.	554.1	-32.5	11.7	11.7	-38.7	51.	0.3495	0.1382	0.8022	225.0	3.6
4282.	551.3	-32.7	11.9	11.9	-38.9	51.	0.3464	0.1354	0.7988	230.0	3.6
4320.	548.4	-33.0	12.0	12.0	-39.2	51.	0.3418	0.1313	0.7956	235.0	3.8
4352.	545.9	-33.2	12.1	12.1	-39.3	51.	0.3381	0.1286	0.7927	239.0	3.9
4382.	543.5	-33.4	12.2	12.2	-39.9	49.	0.3305	0.1212	0.7898	244.0	4.1
4413.	541.1	-33.6	12.3	12.4	-40.4	47.	0.3225	0.1141	0.7870	248.0	4.1
4443.	538.8	-33.8	12.4	12.5	-41.0	45.	0.3148	0.1072	0.7843	252.0	4.2
4472.	536.6	-34.0	12.5	12.6	-41.4	44.	0.3090	0.1027	0.7817	257.0	4.3
4502.	534.3	-34.2	12.6	12.7	-41.8	43.	0.3051	0.0994	0.7790	260.0	4.4
4533.	531.9	-34.3	12.9	12.9	-42.1	42.	0.3016	0.0952	0.7759	262.0	4.5
4568.	529.3	-34.6	12.9	13.0	-42.4	42.	0.2983	0.0923	0.7730	264.0	4.6
4605.	526.5	-34.9	13.0	13.0	-42.6	42.	0.2952	0.0895	0.7699	267.0	4.7
4643.	523.6	-35.2	13.1	13.1	-42.9	42.	0.2921	0.0867	0.7666	268.0	4.7
4686.	520.4	-35.4	13.4	13.4	-43.3	41.	0.2880	0.0830	0.7626	269.0	4.6
4726.	517.4	-35.7	13.5	13.5	-43.4	42.	0.2872	0.0823	0.7592	270.0	4.6
4767.	514.3	-36.0	13.6	13.6	-43.7	42.	0.2844	0.0797	0.7556	272.0	4.7
4808.	511.3	-36.2	13.8	13.9	-44.1	41.	0.2806	0.0763	0.7518	274.0	4.6
4846.	508.5	-36.3	14.2	14.2	-44.4	40.	0.2778	0.0737	0.7480	276.0	4.5
4882.	505.9	-36.5	14.3	14.4	-44.6	40.	0.2761	0.0722	0.7448	277.0	4.4
4917.	503.3	-36.6	14.6	14.7	-45.1	38.	0.2715	0.0680	0.7413	279.0	4.3
4954.	500.6	-36.7	15.0	15.0	-46.1	34.	0.2633	0.0604	0.7376	280.0	4.2
4989.	498.1	-36.9	15.1	15.1	-47.1	31.	0.2565	0.0541	0.7345	282.0	4.1
5026.	495.4	-37.2	15.2	15.2	-47.9	29.	0.2511	0.0491	0.7315	284.0	4.0
5064.	492.7	-37.5	15.3	15.3	-48.5	28.	0.2477	0.0468	0.7284	284.0	3.9
5099.	490.2	-37.8	15.4	15.4	-48.7	28.	0.2462	0.0446	0.7256	285.0	4.0
5133.	487.8	-38.0	15.5	15.5	-48.2	27.	0.2435	0.0421	0.7227	288.0	4.0
5167.	485.4	-38.2	15.7	15.7	-50.0	25.	0.2374	0.0383	0.7197	289.0	4.1
5201.	483.0	-38.4	15.8	15.8	-50.2	25.	0.2385	0.0375	0.7168	291.0	4.1
5238.	480.4	-38.7	15.9	15.9	-50.5	25.	0.2373	0.0363	0.7138	291.0	4.3
5274.	477.9	-38.9	16.1	16.1	-51.0	24.	0.2350	0.0341	0.7107	293.0	4.4
5311.	475.3	-39.2	16.2	16.2	-51.6	23.	0.2324	0.0317	0.7078	295.0	4.6
5345.	472.9	-39.5	16.2	16.2	-51.9	23.	0.2313	0.0307	0.7051	296.0	4.9
5383.	470.3	-39.7	16.4	16.4	-51.7	24.	0.2320	0.0313	0.7018	297.0	5.1
5430.	467.1	-39.9	16.7	16.8	-51.9	24.	0.2313	0.0306	0.6976	299.0	5.4
5475.	464.0	-40.2	16.9	16.9	-52.1	24.	0.2302	0.0296	0.6939	300.0	5.6
5516.	461.2	-40.6	16.9	16.9	-52.2	25.	0.2301	0.0295	0.6909	302.0	6.0
5558.	458.4	-40.9	17.1	17.1	-52.1	26.	0.2302	0.0296	0.6876	303.0	6.2
5595.	455.9	-41.2	17.1	17.1	-52.1	27.	0.2303	0.0297	0.6847	305.0	6.6
5631.	453.5	-41.4	17.3	17.3	-52.0	28.	0.2308	0.0301	0.6817	306.0	6.8
5669.	450.9	-41.6	17.6	17.6	-51.9	29.	0.2311	0.0305	0.6784	308.0	7.1
5706.	448.5	-41.8	17.7	17.8	-51.6	31.	0.2325	0.0314	0.6754	309.0	7.5
5742.	446.1	-42.0	17.9	17.9	-51.2	33.	0.2336	0.0330	0.6723	311.0	7.8
5775.	443.9	-42.2	18.1	18.1	-51.4	33.	0.2331	0.0323	0.6696	312.0	8.1
5812.	441.5	-42.4	18.3	18.3	-51.9	32.	0.2313	0.0307	0.6666	313.0	8.4
5845.	439.3	-42.7	18.3	18.5	-51.9	33.	0.2312	0.0306	0.6641	315.0	8.7
5882.	436.9	-42.9	18.5	18.6	-52.3	32.	0.2296	0.0290	0.6610	315.0	9.0
5921.	434.4	-43.2	18.6	18.6	-53.1	30.	0.2268	0.0264	0.6581	316.0	9.5
5957.	432.1	-43.5	18.7	18.7	-53.6	29.	0.2250	0.0247	0.6555	317.0	9.8
5994.	429.7	-43.8	18.8	18.8	-53.9	29.	0.2241	0.0238	0.6527	317.0	10.1
6030.	427.4	-44.2	18.7	18.7	-53.8	31.	0.2246	0.0243	0.6503	318.0	10.6
6066.	425.0	-44.5	18.8	18.8	-53.6	32.	0.2245	0.0242	0.6475	318.0	10.7
6105.	422.6	-44.8	18.9	18.9	-54.3	31.	0.2229	0.0227	0.6447	318.0	11.0
6142.	420.3	-45.1	19.0	19.0	-55.4	28.	0.2200	0.0199	0.6421	318.0	11.2
6178.	418.0	-45.5	18.9	18.9	-56.6	25.	0.2170	0.0170	0.6397	318.0	11.4
6212.	415.9	-45.9	18.8	18.8	-57.6	23.	0.2149	0.0150	0.6376	318.0	11.7
6247.	413.7	-46.2	18.9	18.9	-58.2	22.	0.2138	0.0139	0.6350	318.0	11.9
6282.	411.5	-46.5	18.9	18.9	-58.8	21.	0.2127	0.0128	0.6325	318.0	12.1
6316.	409.4	-46.9	18.8	18.8	-59.2	21.	0.2121	0.0122	0.6304	317.0	12.3
6352.	407.2	-47.2	18.9	18.9	-59.4	21.	0.2117	0.0118	0.6278	317.0	12.5
6391.	404.8	-47.6	18.9	18.9	-59.8	21.	0.2111	0.0113	0.6252	316.0	12.5
6430.	402.4	-47.9	19.0	19.0	-60.4	20.	0.2102	0.0104	0.6223	315.0	12.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6468.	400.1	-48.2	19.1	19.1	-66.5	21.	0.0103	0.0105	0.6196	315.0	12.6
6526.	397.8	-48.4	19.3	19.3	-66.9	21.	0.0110	0.0112	0.6166	314.0	12.9
6547.	396.3	-48.6	19.6	19.6	-66.2	21.	0.0108	0.0110	0.6133	313.0	13.2
6565.	395.0	-48.6	20.1	20.1	-65.2	21.	0.0108	0.0110	0.6097	312.0	13.9
6622.	390.8	-48.7	20.4	20.4	-68.1	21.	0.0107	0.0109	0.6066	312.0	13.2
6656.	388.8	-48.4	20.8	20.8	-68.3	21.	0.0104	0.0106	0.6040	311.0	13.7
6698.	386.1	-48.1	21.1	21.1	-68.5	21.	0.0101	0.0103	0.6006	310.0	13.4
6757.	384.0	-48.3	21.1	21.1	-68.7	21.	0.0104	0.0106	0.5976	310.0	13.5
6777.	381.7	-48.4	21.4	21.4	-68.8	21.	0.0098	0.0100	0.5943	309.0	13.5
6818.	379.3	-48.5	21.8	21.8	-68.8	21.	0.0097	0.0099	0.5908	308.0	13.5
6858.	377.2	-48.6	22.1	22.1	-68.8	21.	0.0095	0.0097	0.5875	308.0	13.7
6894.	374.9	-48.6	22.2	22.2	-68.2	21.	0.0092	0.0094	0.5852	307.0	13.7
6929.	372.9	-50.2	22.4	22.4	-81.5	23.	0.0089	0.0091	0.5827	307.0	13.3
6966.	370.8	-50.4	22.6	22.6	-81.7	23.	0.0086	0.0089	0.5799	307.0	13.2
7001.	368.8	-50.6	22.8	22.8	-81.8	23.	0.0084	0.0086	0.5773	306.0	13.1
7038.	366.6	-50.8	23.0	23.0	-82.0	23.	0.0082	0.0084	0.5747	306.0	12.9
7074.	364.7	-51.1	23.3	23.3	-82.3	23.	0.0079	0.0081	0.5722	304.0	12.3
7110.	362.7	-51.3	23.6	23.6	-82.5	23.	0.0077	0.0079	0.5695	303.0	12.2
7147.	360.6	-51.6	23.8	23.8	-82.7	23.	0.0074	0.0077	0.5670	302.0	11.7
7187.	358.4	-51.8	24.0	24.0	-82.9	23.	0.0073	0.0075	0.5641	301.0	11.4
7225.	356.5	-52.0	24.2	24.2	-83.1	23.	0.0071	0.0073	0.5613	300.0	11.0
7261.	354.3	-52.2	24.5	24.5	-83.3	23.	0.0069	0.0071	0.5586	300.0	10.8
7294.	352.5	-52.4	24.8	24.8	-83.5	23.	0.0067	0.0070	0.5563	300.0	10.5
7334.	350.3	-52.6	24.9	24.9	-83.6	23.	0.0066	0.0068	0.5533	299.0	10.1
7373.	348.2	-52.8	24.7	24.7	-83.8	23.	0.0064	0.0066	0.5505	297.0	9.8
7410.	346.2	-53.1	24.8	24.8	-84.1	23.	0.0062	0.0064	0.5481	297.0	9.5
7447.	344.2	-53.4	24.9	24.9	-84.4	23.	0.0059	0.0061	0.5457	296.0	9.2
7485.	342.2	-53.6	25.1	25.1	-84.5	23.	0.0058	0.0060	0.5430	296.0	9.1
7522.	340.2	-53.7	25.4	25.4	-84.6	23.	0.0057	0.0059	0.5400	295.0	8.9
7559.	338.2	-53.8	25.6	25.6	-84.7	23.	0.0056	0.0059	0.5373	294.0	8.9
7592.	336.5	-54.0	26.0	26.0	-84.9	23.	0.0055	0.0057	0.5349	293.0	8.8
7629.	334.6	-54.2	26.2	26.2	-85.1	23.	0.0053	0.0056	0.5324	293.0	8.7
7665.	332.7	-54.3	26.5	26.5	-85.2	23.	0.0053	0.0055	0.5296	293.0	8.6
7702.	330.8	-54.4	26.9	26.9	-85.3	23.	0.0052	0.0054	0.5268	292.0	8.6
7739.	328.9	-54.4	27.4	27.4	-85.3	23.	0.0052	0.0054	0.5238	291.0	8.5
7778.	326.9	-54.5	27.8	27.8	-85.4	23.	0.0051	0.0054	0.5208	290.0	8.5
7813.	325.1	-54.6	28.1	28.1	-85.4	23.	0.0051	0.0053	0.5182	289.0	8.6
7848.	323.3	-54.7	28.4	28.4	-85.5	23.	0.0050	0.0052	0.5156	288.0	8.5
7886.	321.4	-54.9	28.7	28.7	-85.7	23.	0.0049	0.0051	0.5130	288.0	8.6
7922.	319.6	-55.1	28.9	28.9	-85.9	23.	0.0048	0.0050	0.5106	287.0	8.6
7956.	317.9	-55.3	29.1	29.1	-86.1	23.	0.0046	0.0049	0.5084	286.0	8.6
7992.	316.1	-55.6	29.1	29.1	-86.3	23.	0.0045	0.0047	0.5062	284.0	8.7
8030.	314.2	-55.8	29.4	29.4	-86.5	23.	0.0043	0.0046	0.5036	283.0	8.8
8067.	312.4	-56.0	29.6	29.6	-86.7	23.	0.0042	0.0044	0.5012	282.0	8.7
8105.	310.5	-56.2	29.8	29.8	-86.9	23.	0.0041	0.0043	0.4986	278.0	8.7
8144.	308.6	-56.5	30.0	30.0	-87.0	23.	0.0041	0.0043	0.4958	275.0	8.8
8185.	306.6	-56.4	30.7	30.7	-87.1	23.	0.0040	0.0042	0.4928	275.0	8.9
8227.	304.6	-56.4	31.2	31.2	-87.1	23.	0.0040	0.0042	0.4896	273.0	9.0
8269.	302.6	-56.6	31.5	31.5	-87.2	23.	0.0039	0.0041	0.4868	271.0	9.1
8313.	300.5	-57.0	31.6	31.6	-87.6	23.	0.0037	0.0039	0.4843	270.0	9.2
8353.	298.6	-57.3	31.7	31.7	-87.9	23.	0.0036	0.0038	0.4819	269.0	9.3
8395.	296.6	-57.6	31.9	31.9	-88.2	23.	0.0034	0.0036	0.4794	266.0	9.4
8436.	294.7	-57.8	32.1	32.1	-88.3	23.	0.0033	0.0035	0.4767	264.0	9.4
8474.	292.9	-58.0	32.4	32.4	-88.5	23.	0.0033	0.0034	0.4743	262.0	9.6
8513.	291.1	-58.2	32.6	32.6	-88.7	23.	0.0032	0.0034	0.4718	259.0	9.6
8550.	289.4	-58.4	32.9	32.9	-88.9	23.	0.0031	0.0033	0.4695	257.0	9.7
8591.	287.5	-58.5	33.3	33.3	-89.0	23.	0.0030	0.0032	0.4666	255.0	9.7
8630.	285.7	-58.5	33.8	33.8	-89.0	23.	0.0030	0.0032	0.4637	253.0	9.8
8670.	283.9	-58.7	34.1	34.1	-89.1	23.	0.0030	0.0031	0.4612	251.0	9.9
8708.	282.2	-58.9	34.4	34.4	-89.3	23.	0.0029	0.0031	0.4588	248.0	10.1
8748.	280.4	-59.1	34.6	34.6	-89.5	23.	0.0028	0.0030	0.4563	246.0	10.2
8788.	278.6	-59.3	34.9	34.9	-89.7	23.	0.0027	0.0029	0.4538	244.0	10.2
8826.	276.9	-59.4	35.1	35.1	-89.8	23.	0.0027	0.0029	0.4513	242.0	10.3
8865.	275.2	-59.5	35.7	35.7	-89.9	23.	0.0027	0.0028	0.4487	240.0	10.3
8901.	273.6	-59.5	36.2	36.2	-89.9	23.	0.0027	0.0028	0.4461	238.0	10.4
8938.	272.0	-59.6	36.6	36.6	-70.0	23.	0.0026	0.0028	0.4437	236.0	10.5
8979.	270.2	-59.8	36.9	36.9	-70.1	23.	0.0026	0.0027	0.4412	234.0	10.7
9015.	268.6	-60.0	37.1	37.1	-70.3	23.	0.0025	0.0027	0.4390	233.0	10.7
9053.	267.0	-60.1	37.5	37.5	-70.4	23.	0.0025	0.0026	0.4366	231.0	10.9
9091.	265.4	-60.2	37.9	37.9	-70.5	23.	0.0024	0.0026	0.4342	230.0	11.0
9128.	263.9	-60.2	38.4	38.4	-70.5	23.	0.0024	0.0026	0.4317	228.0	11.2
9164.	262.3	-60.1	39.1	39.1	-70.4	23.	0.0025	0.0026	0.4289	227.0	11.3
9202.	260.7	-60.1	39.6	39.6	-70.4	23.	0.0025	0.0026	0.4263	226.0	11.4
9238.	259.2	-60.2	40.0	40.0	-70.5	23.	0.0024	0.0026	0.4240	225.0	11.5
9277.	257.6	-60.4	40.3	40.3	-70.7	23.	0.0024	0.0025	0.4218	224.0	11.7
9315.	256.0	-60.6	40.5	40.5	-70.9	23.	0.0023	0.0025	0.4196	224.0	11.6
9349.	254.6	-60.8	40.7	40.7	-71.0	23.	0.0022	0.0024	0.4177	224.0	11.8
9388.	253.0	-60.9	41.1	41.1	-71.1	23.	0.0022	0.0024	0.4152	224.0	11.8
9428.	251.4	-61.1	41.4	41.4	-71.3	23.	0.0021	0.0023	0.4130	224.0	12.0
9467.	249.8	-61.3	41.7	41.7	-71.5	23.	0.0021	0.0022	0.4108	224.0	12.0
9510.	248.1	-61.4	42.2	42.2	-71.6	23.	0.0021	0.0022	0.4082	225.0	12.0
9550.	246.5	-61.6	42.4	42.4	-71.8	23.	0.0020	0.0022	0.4059	226.0	12.0
9587.	245.0	-61.7	42.8	42.8	-71.9	23.	0.0020	0.0021	0.4036	227.0	12.3
9623.	243.6	-62.0	42.9	42.9	-72.1	23.	0.0019	0.0020	0.4019	227.0	12.3
9663.	242.0	-62.2	43.2	43.2	-72.3	23.	0.0018	0.0020	0.3996	228.0	12.3
9702.	240.5	-62.4	43.5	43.5	-72.5	23.	0.0018	0.0019	0.3975	229.0	12.5
9738.	239.1	-62.7	43.5	43.5	-72.8	23.	0.0017	0.0019	0.3958	230.0	12.6
9776.	237.6	-63.0	43.7	43.7	-73.0	23.	0.0016	0.0019	0.3939	230.0	12.8
9810.	236.3	-63.2	43.9	43.9	-73.2	23.	0.0016	0.0017	0.3921	230.0	12.9
9844.	235.0	-63.3	44.2	44.2	-73.3	23.	0.0016	0.0017	0.3901	231.0	13.1
9881.	233.6	-63.3	44.7	44.7	-73.3	23.	0.0016	0.0017	0.3878	231.0	13.2
9920.	232.1	-63.2	45.0	45.0	-73.2	23.	0.0016	0.0017	0.3851	231.0	13.3
9960.	230.6	-63.1	46.2	46.2	-73.1	23.	0.0016	0.0018	0.3824	232.0	13.5
9997.	229.2	-63.0	46.9	46.9	-73.0	23.	0.0016	0.0018	0.3799	231.0	13.6
10035.	227.8	-62.9	47.6	47.6	-73.0	23.	0.0017	0.0018	0.3774	231.0	13.7
10073.	226.4	-63.0	48.1	48.1	-73.0	23.	0.0016	0.0018	0.3753	230.0	13.8
10111.	225.0	-63.2	48.3	48.3	-73.2	23.	0.0016	0.0017	0.3733	230.0	13.8
10149.	223.6	-63.4	48.6	48.6	-73.4	23.	0.0016	0.0017	0.3714	230.0	14.0
10193.	222.0	-63.6	48.9	48.9	-73.6	23.	0.0015	0.0016	0.3691	229.0	14.0
10235.	220.5	-63.7	49.4	49.4	-73.7	23.	0.0015	0.0016	0.3667	228.0	14.1
10274.	219.1	-63.7	50.0	50.0	-73.7	23.	0.0015	0.0016	0.3644	227.0	14.2
10313.	217.7	-63.7	50.6	50.6	-73.7	23.	0.0015	0.0016	0.3621	226.0	14.2
10350.	216.4	-63.6	51.3	51.3	-73.6	23.	0.0015	0.0016	0.3597	225.0	14.2
10387.	215.1	-63.4	52.2	52.2	-73.4	23.	0.0016	0.0017	0.3572	225.0	14.3
10427.	213.7	-63.3	52.9	52.9	-73.3	23.	0.0016	0.0017	0.3548	225.0	14.2
10467.	212.3	-63.1	53.9	53.9	-73.1	23.	0.0016	0.0018	0.3521	225.0	14.1
10508.	210.9	-62.9	54.8	54.8	-73.0	23.	0.0017	0.0018	0.3494	225.0	14.1
10552.	209.4	-62.8	55.6	55.6	-72.9	23.	0.0017	0.0018	0.3468	225.0	14.0
10584.	208.3	-62.7	56.3	56.3	-72.8	23.	0.0017	0.0019	0.3448	226.0	13.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10622.	207.0	-62.7	56.4	56.9	-72.8	23.	0.0017	0.0019	0.3427	226.0	13.9
10664.	205.6	-62.8	57.3	57.3	-72.9	23.	0.0017	0.0018	0.3405	227.0	13.8
10706.	204.2	-63.0	57.7	57.7	-73.0	23.	0.0016	0.0018	0.3385	228.0	13.7
10745.	202.9	-63.2	58.0	58.0	-73.2	23.	0.0016	0.0017	0.3367	229.0	13.6
10785.	201.6	-63.3	58.4	58.4	-73.3	23.	0.0016	0.0017	0.3347	230.0	13.6
10825.	200.3	-63.4	58.9	58.9	-73.4	23.	0.0016	0.0017	0.3327	231.0	13.4
10864.	199.0	-63.4	59.5	59.5	-73.4	23.	0.0016	0.0017	0.3305	232.0	13.4
10905.	197.7	-63.5	59.9	59.9	-73.5	23.	0.0015	0.0017	0.3285	233.0	13.4
10945.	196.4	-63.7	60.3	60.3	-73.7	23.	0.0015	0.0016	0.3267	234.0	13.3
10983.	195.2	-64.0	60.4	60.4	-73.9	23.	0.0014	0.0016	0.3251	235.0	13.3
11020.	194.0	-64.2	60.6	60.6	-74.1	23.	0.0014	0.0015	0.3234	236.0	13.2
11055.	192.9	-64.3	61.0	61.0	-74.2	23.	0.0014	0.0015	0.3218	237.0	13.2
11093.	191.7	-64.4	61.4	61.4	-74.3	23.	0.0014	0.0015	0.3199	237.0	13.1
11131.	190.5	-64.2	62.4	62.4	-74.1	23.	0.0014	0.0015	0.3176	238.0	13.1
11167.	189.4	-64.1	63.1	63.1	-74.0	23.	0.0014	0.0015	0.3156	239.0	13.1
11202.	188.3	-64.2	63.5	63.5	-74.1	23.	0.0014	0.0015	0.3139	240.0	13.0
11241.	187.1	-64.3	63.9	63.9	-74.2	23.	0.0014	0.0015	0.3121	240.0	13.0
11281.	185.9	-64.5	64.6	64.6	-74.2	23.	0.0014	0.0015	0.3101	239.0	13.1
11320.	184.7	-64.2	65.3	65.3	-74.1	23.	0.0014	0.0015	0.3079	239.0	13.1
11357.	183.6	-64.1	66.1	66.1	-74.0	23.	0.0014	0.0015	0.3060	239.0	13.1
11397.	182.4	-63.9	67.0	67.0	-73.9	23.	0.0015	0.0016	0.3037	239.0	13.2
11437.	181.2	-63.8	67.9	67.9	-73.8	23.	0.0015	0.0016	0.3015	239.0	13.2
11474.	180.1	-63.8	68.4	68.4	-73.8	23.	0.0015	0.0016	0.2997	238.0	13.3
11515.	178.9	-63.7	69.2	69.3	-73.7	23.	0.0015	0.0016	0.2976	238.0	13.5
11557.	177.7	-63.6	70.1	70.1	-73.6	23.	0.0015	0.0016	0.2954	237.0	13.7
11598.	176.5	-63.5	70.9	70.9	-73.5	23.	0.0015	0.0017	0.2933	236.0	13.8
11636.	175.4	-63.4	71.7	71.7	-73.4	23.	0.0016	0.0017	0.2913	235.0	14.1
11678.	174.2	-63.4	72.4	72.4	-73.4	23.	0.0016	0.0017	0.2893	234.0	14.3
11721.	173.0	-63.4	73.1	73.1	-73.4	23.	0.0016	0.0017	0.2873	233.0	14.4
11764.	171.8	-63.6	73.4	73.4	-73.6	23.	0.0015	0.0016	0.2856	233.0	14.6
11810.	170.5	-63.7	74.0	74.0	-73.7	23.	0.0015	0.0016	0.2836	232.0	14.8
11850.	169.4	-63.9	74.3	74.3	-73.9	23.	0.0015	0.0016	0.2820	232.0	15.0
11889.	168.3	-64.2	74.5	74.5	-74.1	23.	0.0014	0.0015	0.2806	231.0	15.2
11933.	167.1	-64.5	74.7	74.7	-74.4	23.	0.0013	0.0015	0.2790	231.0	15.3
11973.	166.0	-64.6	74.8	74.8	-74.7	23.	0.0013	0.0014	0.2776	231.0	15.5
12014.	164.9	-65.0	75.2	75.2	-74.9	23.	0.0012	0.0014	0.2760	231.0	15.7
12058.	163.7	-65.2	75.5	75.5	-75.0	23.	0.0012	0.0013	0.2742	232.0	15.8
12099.	162.6	-65.4	75.8	75.8	-75.2	23.	0.0012	0.0013	0.2727	232.0	16.0
12140.	161.5	-65.6	76.2	76.2	-75.4	23.	0.0011	0.0013	0.2711	232.0	16.0
12182.	160.4	-65.8	76.6	76.6	-75.6	23.	0.0011	0.0012	0.2695	233.0	16.2
12224.	159.3	-65.9	77.1	77.1	-75.7	23.	0.0011	0.0012	0.2678	233.0	16.3
12266.	158.3	-66.0	77.5	77.5	-75.8	23.	0.0011	0.0012	0.2662	234.0	16.5
12308.	157.3	-66.0	78.2	78.2	-75.8	23.	0.0011	0.0012	0.2645	234.0	16.5
12349.	156.3	-65.9	79.0	79.0	-75.7	23.	0.0011	0.0012	0.2627	235.0	16.6
12392.	155.2	-65.9	79.7	79.7	-75.7	23.	0.0011	0.0012	0.2609	235.0	16.7
12435.	154.1	-65.8	80.6	80.6	-75.6	23.	0.0011	0.0012	0.2589	235.0	16.7
12464.	153.1	-65.7	81.4	81.4	-75.5	23.	0.0011	0.0012	0.2571	235.0	16.7
12504.	152.1	-65.5	82.4	82.4	-75.3	23.	0.0012	0.0013	0.2552	235.0	16.8
12544.	151.2	-65.3	83.4	83.4	-75.1	23.	0.0012	0.0013	0.2534	236.0	16.8
12568.	150.2	-65.2	84.2	84.2	-75.0	23.	0.0012	0.0013	0.2516	235.0	16.7
12621.	148.2	-65.2	84.9	84.9	-75.0	23.	0.0012	0.0013	0.2499	236.0	16.6
12662.	147.2	-65.2	85.6	85.6	-75.0	23.	0.0012	0.0013	0.2483	236.0	16.5
12707.	147.1	-65.1	86.3	86.3	-74.9	23.	0.0012	0.0013	0.2463	236.0	16.4
12749.	146.1	-64.9	87.6	87.6	-74.8	23.	0.0013	0.0014	0.2444	236.0	16.3
12790.	145.1	-64.7	88.6	88.6	-74.6	23.	0.0013	0.0014	0.2425	236.0	16.0
12833.	144.1	-64.6	89.5	89.5	-74.5	23.	0.0013	0.0014	0.2407	236.0	15.8
12871.	143.2	-64.6	90.2	90.2	-74.5	23.	0.0013	0.0014	0.2392	236.0	15.6
12909.	142.3	-64.7	90.7	90.7	-74.6	23.	0.0013	0.0014	0.2378	236.0	15.3
12946.	141.4	-64.7	91.3	91.3	-74.6	23.	0.0013	0.0014	0.2363	235.0	15.1
12987.	140.5	-64.7	92.0	92.0	-74.6	23.	0.0013	0.0014	0.2348	236.0	14.8
13026.	139.6	-64.6	92.8	92.8	-74.5	23.	0.0013	0.0014	0.2332	237.0	14.5
13065.	138.7	-64.5	93.7	93.7	-74.4	23.	0.0013	0.0015	0.2316	237.0	14.3
13101.	137.9	-64.5	94.3	94.3	-74.4	23.	0.0013	0.0015	0.2302	237.0	14.2
13141.	137.0	-64.6	94.8	94.8	-74.5	23.	0.0013	0.0014	0.2288	237.0	14.0
13176.	136.2	-64.8	95.1	95.1	-74.7	23.	0.0013	0.0014	0.2277	238.0	13.9
13217.	135.3	-65.0	95.4	95.4	-74.9	23.	0.0012	0.0014	0.2264	239.0	14.0
13257.	134.4	-65.1	95.9	95.9	-74.9	23.	0.0012	0.0013	0.2250	239.0	13.9
13293.	133.6	-65.1	96.6	96.6	-74.9	23.	0.0012	0.0013	0.2237	240.0	13.9
13335.	132.7	-65.1	97.3	97.3	-74.9	23.	0.0012	0.0013	0.2222	240.0	14.1
13371.	131.9	-65.1	97.9	97.9	-74.9	23.	0.0012	0.0013	0.2209	241.0	14.2
13408.	131.1	-65.3	98.4	98.4	-75.1	23.	0.0012	0.0013	0.2197	241.0	14.4
13446.	130.3	-65.4	98.7	98.7	-75.2	23.	0.0012	0.0013	0.2185	242.0	14.6
13488.	129.4	-65.5	99.2	99.2	-75.3	23.	0.0012	0.0013	0.2171	243.0	14.8
13525.	128.6	-65.5	99.7	99.7	-75.4	23.	0.0011	0.0013	0.2158	244.0	15.1
13563.	127.8	-65.6	100.4	100.4	-75.4	23.	0.0011	0.0013	0.2145	245.0	15.3
13606.	126.9	-65.7	100.8	100.8	-75.5	23.	0.0011	0.0012	0.2131	245.0	15.6
13644.	126.1	-65.8	101.4	101.4	-75.6	23.	0.0011	0.0012	0.2119	246.0	15.8
13683.	125.3	-65.8	102.1	102.1	-75.6	23.	0.0011	0.0012	0.2105	246.0	16.2
13722.	124.5	-65.8	102.8	102.8	-75.6	23.	0.0011	0.0012	0.2092	247.0	16.5
13756.	123.9	-65.8	104.0	104.0	-75.3	23.	0.0012	0.0013	0.2077	247.0	16.7
13799.	123.0	-65.4	104.0	104.0	-75.2	23.	0.0012	0.0013	0.2063	247.0	17.1
13838.	122.3	-65.3	105.6	105.6	-75.1	23.	0.0012	0.0013	0.2050	248.0	17.3
13870.	121.5	-65.3	106.4	106.4	-75.1	23.	0.0012	0.0013	0.2036	249.0	17.5
13914.	120.7	-65.2	107.3	107.3	-75.0	23.	0.0012	0.0013	0.2022	249.0	17.7
13950.	119.9	-65.2	107.9	107.9	-75.1	23.	0.0012	0.0013	0.2010	249.0	17.9
13991.	119.1	-65.2	108.5	108.5	-75.1	23.	0.0012	0.0013	0.1996	250.0	18.2
14027.	118.4	-65.2	109.2	109.2	-75.0	23.	0.0012	0.0013	0.1983	250.0	18.2
14068.	117.6	-65.1	110.2	110.2	-74.9	23.	0.0012	0.0013	0.1969	250.0	18.5
14104.	116.9	-65.1	110.8	110.8	-74.9	23.	0.0012	0.0013	0.1957	250.0	18.7
14141.	116.2	-65.2	111.4	111.4	-75.0	23.	0.0012	0.0013	0.1947	250.0	18.7
14178.	115.5	-65.3	111.9	111.9	-75.1	23.	0.0012	0.0013	0.1936	250.0	18.9
14215.	114.8	-65.3	112.6	112.6	-75.1	23.	0.0012	0.0013	0.1924	250.0	19.1
14252.	114.1	-65.3	113.2	113.2	-75.1	23.	0.0012	0.0013	0.1912	250.0	19.1
14289.	113.4	-65.3	113.8	113.8	-75.1	23.	0.0012	0.0013	0.1901	250.0	19.2
14327.	112.7	-65.4	114.4	114.4	-75.2	23.	0.0012	0.0013	0.1890	250.0	19.3
14370.	111.9	-65.4	115.2	115.2	-75.2	23.	0.0012	0.0013	0.1876	250.0	19.3
14406.	111.2	-65.1	115.8	115.8	-74.9	23.	0.0012	0.0013	0.1862	250.0	19.3
14441.	110.6	-64.9	117.2	117.2	-74.7	23.	0.0012	0.0014	0.1851	250.0	19.3
14485.	109.9	-64.8	118.3	118.3	-74.7	23.	0.0013	0.0014	0.1838	251.0	19.3
14519.	109.2	-64.7	119.2	119.2	-74.6	23.	0.0013	0.0014	0.1825	251.0	19.1
14563.	108.4	-64.7	120.1	120.1	-74.6	23.	0.0013	0.0014	0.1812	251.0	19.0
14603.	107.7	-64.6	121.2	121.2	-74.5	23.	0.0013	0.0014	0.1799	251.0	19.0
14643.	107.0	-64.4	122.1	122.1	-74.3	23.	0.0014	0.0015	0.1786	252.0	18.9
14683.	106.3	-64.3	123.0	123.0	-74.2	23.	0.0014	0.0015	0.1773	253.0	18.9
14723.	105.6	-64.2	124.0	124.0	-74.1	23.	0.0014	0.0015	0.1761	254.0	18.8
14758.	105.0	-64.1	124.6	124.6	-74.0	23.	0.0014	0.0015	0.1750	255.0	18.8
14799.	104.3	-64.0	125.7	125.7	-73.9	23.	0.0014	0.0016	0.1737	256.0	19.0
14844.	103.6	-63.9	126.8	126.8	-73.8	23.	0.0015	0.0016	0.1724	257.0	19.1
14876.	103.0	-63.8	127.4	127.4	-73.8	23.	0.0015	0.0016	0.1712	258.0	19.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14917.	102.3	-63.5	128.9	128.9	-73.5	23.	0.0015	0.0017	0.1700	258.0	19.2
14953.	101.7	-63.5	129.6	129.6	-73.5	23.	0.0015	0.0017	0.1690	259.0	19.4
14996.	101.0	-63.5	130.4	130.4	-73.5	23.	0.0015	0.0017	0.1678	259.0	19.4
15042.	100.4	-63.4	131.3	131.3	-73.4	23.	0.0016	0.0017	0.1667	259.0	19.8
15069.	99.8	-63.5	131.8	131.8	-73.5	23.	0.0015	0.0017	0.1658	259.0	20.0
15106.	99.2	-63.5	132.5	132.5	-73.5	23.	0.0015	0.0017	0.1648	258.0	20.1
15149.	98.5	-63.6	133.1	133.1	-73.6	23.	0.0015	0.0016	0.1637	258.0	20.2
15187.	97.9	-63.7	133.6	133.6	-73.7	23.	0.0015	0.0016	0.1628	257.0	20.4
15231.	97.2	-63.7	134.4	134.4	-73.7	23.	0.0015	0.0016	0.1617	257.0	20.7
15275.	96.5	-63.8	135.1	135.1	-73.8	23.	0.0015	0.0016	0.1606	256.0	20.8
15313.	95.9	-63.8	135.8	135.8	-73.8	23.	0.0015	0.0016	0.1596	254.0	21.0
15352.	95.3	-63.7	136.7	136.7	-73.7	23.	0.0015	0.0016	0.1585	254.0	21.1
15390.	94.7	-63.6	137.7	137.7	-73.6	23.	0.0015	0.0016	0.1574	253.0	21.2
15436.	94.0	-63.4	138.6	138.6	-73.4	23.	0.0016	0.0017	0.1561	253.0	21.4
15475.	93.4	-63.3	139.9	139.9	-73.3	23.	0.0016	0.0017	0.1550	252.0	21.5
15514.	92.8	-63.3	140.7	140.7	-73.3	23.	0.0016	0.0017	0.1541	252.0	21.5
15554.	92.2	-63.3	141.4	141.4	-73.3	23.	0.0016	0.0017	0.1531	251.0	21.5
15601.	91.5	-63.3	142.3	142.3	-73.3	23.	0.0016	0.0017	0.1519	251.0	21.6
15641.	90.9	-63.3	143.1	143.1	-73.3	23.	0.0016	0.0017	0.1509	250.0	21.6
15682.	90.3	-63.2	144.1	144.1	-73.2	23.	0.0016	0.0017	0.1498	250.0	21.5
15730.	89.6	-63.1	145.2	145.2	-73.1	23.	0.0016	0.0018	0.1486	250.0	21.5
15771.	89.0	-63.1	146.0	146.0	-73.1	23.	0.0016	0.0018	0.1476	250.0	21.4
15820.	88.3	-63.1	147.0	147.0	-73.1	23.	0.0016	0.0018	0.1464	250.0	21.4
15861.	87.7	-63.0	148.0	148.0	-73.0	23.	0.0016	0.0018	0.1454	251.0	21.4
15904.	87.1	-62.9	149.0	149.0	-73.0	23.	0.0017	0.0018	0.1443	251.0	21.4
15939.	86.6	-62.8	149.9	149.9	-72.9	23.	0.0017	0.0018	0.1434	251.0	21.4
15982.	86.0	-62.8	150.8	150.8	-72.9	23.	0.0017	0.0018	0.1424	251.0	21.3
16018.	85.5	-62.7	151.7	151.7	-72.8	23.	0.0017	0.0019	0.1415	252.0	21.4
16061.	84.9	-62.6	152.7	152.7	-72.7	23.	0.0017	0.0019	0.1405	252.0	21.4
16105.	84.3	-62.4	154.0	154.0	-72.5	23.	0.0018	0.0019	0.1393	252.0	21.5
16149.	83.7	-62.3	155.1	155.1	-72.4	23.	0.0018	0.0020	0.1383	252.0	21.5
16186.	83.2	-62.3	155.8	155.8	-72.4	23.	0.0018	0.0020	0.1375	252.0	21.7
16230.	82.6	-62.2	156.9	156.9	-72.3	23.	0.0018	0.0020	0.1364	253.0	21.8
16268.	82.1	-62.2	157.6	157.6	-72.3	23.	0.0018	0.0020	0.1356	253.0	22.0
16313.	81.5	-62.2	158.5	158.5	-72.3	23.	0.0018	0.0020	0.1346	253.0	22.2
16358.	80.9	-62.2	159.5	159.5	-72.3	23.	0.001F	0.0020	0.1336	253.0	22.4
16397.	80.4	-62.2	160.2	160.2	-72.3	23.	0.001E	0.0020	0.1328	253.0	22.7
16443.	79.8	-62.3	160.9	160.9	-72.4	23.	0.0018	0.0020	0.1318	253.0	23.0
16482.	79.3	-62.2	161.9	161.9	-72.3	23.	0.0018	0.0020	0.1310	254.0	23.3
16521.	78.8	-62.1	162.9	162.9	-72.2	23.	0.0019	0.0020	0.1301	254.0	23.6
16568.	78.2	-62.1	163.9	163.9	-72.2	23.	0.0019	0.0020	0.1291	255.0	23.9
16615.	77.6	-62.0	165.0	165.1	-72.1	23.	0.0019	0.0020	0.1280	255.0	24.2
16655.	77.1	-62.1	165.6	165.7	-72.2	23.	0.0019	0.0020	0.1273	256.0	24.5
16705.	76.5	-62.2	166.4	166.4	-72.3	23.	0.0018	0.0020	0.1263	257.0	24.8
16744.	76.0	-62.3	167.3	167.3	-72.4	23.	0.0018	0.0020	0.1256	257.0	25.1
16793.	75.4	-62.3	168.7	168.7	-72.4	23.	0.0018	0.0020	0.1244	258.0	25.4
16842.	74.8	-61.7	170.3	170.3	-71.9	23.	0.0020	0.0021	0.1232	258.0	25.7
16883.	74.3	-61.5	171.4	171.6	-71.7	23.	0.0020	0.0022	0.1223	259.0	26.1
16934.	73.7	-61.4	172.8	173.0	-71.5	23.	0.0021	0.0022	0.1212	260.0	26.4
16974.	73.1	-61.3	174.1	174.1	-71.5	23.	0.0021	0.0022	0.1202	260.0	26.7
17027.	72.6	-61.2	175.6	175.6	-71.4	23.	0.0021	0.0023	0.1193	260.0	27.0
17076.	72.1	-61.1	176.9	176.9	-71.3	23.	0.0021	0.0023	0.1184	260.0	27.3
17113.	71.6	-61.0	177.8	177.8	-71.2	23.	0.0021	0.0024	0.1175	261.0	27.7
17156.	71.1	-60.9	179.1	179.1	-71.2	23.	0.0022	0.0024	0.1165	261.0	27.8
17220.	70.6	-60.8	180.8	180.8	-71.0	23.	0.0023	0.0025	0.1157	261.0	28.2
17244.	70.1	-60.8	181.6	181.6	-70.9	23.	0.0023	0.0025	0.1149	261.0	28.6
17269.	69.6	-60.7	182.7	182.7	-70.8	23.	0.0023	0.0024	0.1141	261.0	28.9
17334.	69.1	-60.7	183.6	183.6	-70.8	23.	0.0023	0.0024	0.1133	261.0	29.2
17370.	68.7	-60.6	184.5	184.5	-70.7	23.	0.0023	0.0025	0.1126	261.0	29.5
17415.	68.2	-60.6	185.4	185.4	-70.7	23.	0.0023	0.0025	0.1118	262.0	29.7
17452.	67.8	-60.6	186.2	186.2	-70.6	23.	0.0023	0.0025	0.1111	262.0	30.0
17488.	67.4	-60.6	186.1	186.1	-70.6	23.	0.0023	0.0025	0.1105	262.0	30.2
17535.	66.8	-60.7	186.8	186.8	-71.0	23.	0.0023	0.0024	0.1097	262.0	30.5
17572.	66.5	-60.7	187.6	187.6	-71.0	23.	0.0023	0.0024	0.1090	262.0	30.7
17618.	66.2	-60.7	188.5	188.5	-71.0	23.	0.0023	0.0024	0.1082	263.0	30.8
17666.	65.8	-60.6	189.4	189.4	-70.9	23.	0.0023	0.0025	0.1074	263.0	31.0
17714.	65.5	-60.4	191.1	191.1	-70.7	23.	0.0024	0.0025	0.1064	263.0	31.1
17762.	64.5	-60.2	192.7	192.7	-70.5	23.	0.0024	0.0026	0.1055	263.0	31.2
17813.	64.0	-60.1	194.0	194.0	-70.4	23.	0.0025	0.0026	0.1046	263.0	31.3
17849.	63.6	-60.1	194.8	194.8	-70.4	23.	0.0025	0.0026	0.1040	263.0	31.4
17899.	63.1	-60.1	195.9	195.9	-70.4	23.	0.0025	0.0026	0.1032	263.0	31.5
17946.	62.6	-60.1	197.0	197.0	-70.4	23.	0.0025	0.0026	0.1024	263.0	31.6
17998.	62.1	-60.0	198.2	198.2	-70.3	23.	0.0025	0.0027	0.1015	263.0	31.6
18036.	61.7	-60.0	199.1	199.1	-70.3	23.	0.0025	0.0027	0.1009	263.0	31.7
18089.	61.2	-60.1	200.5	200.5	-70.4	23.	0.0025	0.0026	0.1001	263.0	31.7
18132.	60.8	-60.2	201.7	201.7	-70.5	23.	0.0024	0.0026	0.0995	263.0	31.7
18181.	60.3	-60.2	202.9	202.9	-70.5	23.	0.0024	0.0026	0.0986	263.0	31.8
18222.	59.9	-60.2	203.7	203.7	-70.5	23.	0.0024	0.0026	0.0980	263.0	31.8
18264.	59.5	-60.2	204.8	204.8	-70.5	23.	0.0024	0.0026	0.0973	263.0	31.8
18317.	59.0	-60.2	206.4	206.4	-70.5	23.	0.0024	0.0026	0.0965	263.0	31.8
18359.	58.6	-60.2	207.5	207.5	-70.5	23.	0.0024	0.0026	0.0959	263.0	31.8
18402.	58.2	-60.2	208.6	208.6	-70.5	23.	0.0024	0.0026	0.0952	263.0	31.7
18445.	57.8	-60.3	209.7	209.7	-70.6	23.	0.0024	0.0026	0.0946	263.0	31.7
18488.	57.4	-60.3	210.8	210.8	-70.6	23.	0.0024	0.0026	0.0939	263.0	31.6
18531.	57.0	-60.3	211.9	211.9	-70.6	23.	0.0024	0.0026	0.0933	264.0	31.6
18586.	56.5	-60.3	213.3	213.3	-70.6	23.	0.0024	0.0026	0.0925	264.0	31.6
18619.	56.2	-60.3	214.1	214.1	-70.6	23.	0.0024	0.0026	0.0919	264.0	31.5
18664.	55.8	-60.3	215.2	215.2	-70.6	23.	0.0025	0.0027	0.0912	264.0	31.4
18709.	55.4	-60.3	216.4	216.4	-70.6	23.	0.0025	0.0027	0.0905	264.0	31.4
18754.	55.0	-60.3	217.5	217.5	-70.6	23.	0.0025	0.0027	0.0898	264.0	31.3
18799.	54.6	-60.2	218.7	218.7	-70.6	23.	0.0025	0.0026	0.0890	264.0	31.2
18845.	54.2	-60.2	219.7	219.7	-70.6	23.	0.0025	0.0026	0.0881	264.0	31.1
18892.	53.8	-60.2	221.0	221.0	-70.6	23.	0.0025	0.0027	0.0873	264.0	31.1
18939.	53.4	-60.1	222.4	222.4	-70.6	23.	0.0025	0.0027	0.0865	264.0	31.0
18986.	53.0	-60.0	223.7	223.7	-70.5	23.	0.0025	0.0027	0.0858	264.0	31.0
19032.	52.7	-60.0	224.7	224.7	-70.5	23.	0.0025	0.0027	0.0852	264.0	30.9
19079.	52.3	-60.0	225.9	225.9	-70.4	23.	0.0025	0.0027	0.0845	264.0	30.8
19126.	51.9	-60.0	227.2	227.2	-70.4	23.	0.0025	0.0027	0.0839	264.0	30.8
19173.	51.6	-60.0	228.4	228.4	-70.4	23.	0.0025	0.0027	0.0832	264.0	30.7
19220.	51.2	-60.0	229.7	229.7	-70.4	23.	0.0025	0.0027	0.0826	264.0	30.6
19241.	51.0	-60.0	230.4	230.4	-70.4	23.	0.0025	0.0027	0.0823	264.0	30.6
19291.	50.6	-60.0	231.8	231.8	-70.4	23.	0.0025	0.0027	0.0816	264.0	30.5
19327.	50.2	-60.0	232.9	232.9	-70.4	23.	0.0025	0.0027	0.0811	264.0	30.4
19379.	49.8	-60.1	234.3	234.3	-70.5	23.	0.0025	0.0027	0.0804	264.0	30.4
19418.	49.5	-60.1	235.4	235.4	-70.5	23.	0.0025	0.0027	0.0799	264.0	30.3
19456.	49.2	-60.2	236.4	236.4	-70.5	23.	0.0025	0.0027	0.0794	264.0	30.2
19495.	48.9	-60.2	237.5	237.5	-70.6	23.	0.0025	0.0027	0.0789	264.0	30.2
19547.	48.5	-60.3	238.9	238.9	-70.7	23.	0.0025	0.0027	0.0782	264.0	30.1
19586.	48.2	-60.4	240.0	240.0	-70.8	23.	0.0025	0.0027	0.0777	264.0	30.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	947.	-2.4	4.4	4.4	-8.6	93.	0.0042	0.0044	0.0768	270.0	35.1
106.	947.	-2.5	4.4	4.4	-8.7	93.	0.0041	0.0044	0.0764	270.0	35.2
212.	947.	-2.5	4.4	4.4	-8.7	93.	0.0041	0.0044	0.0758	270.0	35.3
317.	946.	-2.6	4.4	4.4	-8.7	93.	0.0041	0.0043	0.0753	270.0	35.4
423.	946.	-2.6	4.4	4.4	-8.7	93.	0.0041	0.0043	0.0747	270.0	35.5
528.	945.	-2.7	4.4	4.4	-8.8	93.	0.0041	0.0043	0.0740	270.0	35.7
634.	945.	-2.8	4.4	4.4	-8.8	93.	0.0040	0.0044	0.0735	270.0	35.8
739.	944.	-2.8	4.4	4.4	-8.8	93.	0.0040	0.0044	0.0728	270.0	36.0
845.	944.	-2.9	4.4	4.4	-8.9	93.	0.0040	0.0044	0.0723	270.0	36.1
950.	943.	-2.9	4.4	4.4	-8.9	93.	0.0040	0.0045	0.0716	270.0	36.3
1056.	943.	-3.0	4.4	4.4	-9.0	93.	0.0040	0.0045	0.0711	270.0	36.4
1161.	942.	-3.0	4.4	4.4	-9.0	93.	0.0040	0.0046	0.0704	270.0	36.6
1267.	942.	-3.1	4.4	4.4	-9.1	93.	0.0040	0.0046	0.0699	270.0	36.7
1372.	941.	-3.1	4.4	4.4	-9.1	93.	0.0040	0.0046	0.0694	270.0	36.8
1478.	941.	-3.2	4.4	4.4	-9.2	93.	0.0040	0.0046	0.0689	270.0	37.0
1583.	940.	-3.2	4.4	4.4	-9.2	93.	0.0040	0.0047	0.0683	270.0	37.1
1689.	940.	-3.3	4.4	4.4	-9.3	93.	0.0040	0.0047	0.0678	270.0	37.3
1794.	939.	-3.3	4.4	4.4	-9.3	93.	0.0040	0.0048	0.0673	270.0	37.4
1900.	939.	-3.4	4.4	4.4	-9.4	93.	0.0040	0.0048	0.0666	270.0	37.6
2005.	938.	-3.4	4.4	4.4	-9.4	93.	0.0040	0.0048	0.0661	270.0	37.7
2111.	938.	-3.5	4.4	4.4	-9.5	93.	0.0040	0.0049	0.0656	270.0	37.8
2216.	937.	-3.5	4.4	4.4	-9.5	93.	0.0040	0.0049	0.0651	270.0	38.0
2322.	937.	-3.6	4.4	4.4	-9.6	93.	0.0040	0.0050	0.0646	270.0	38.2
2427.	936.	-3.6	4.4	4.4	-9.6	93.	0.0040	0.0051	0.0641	270.0	38.4
2533.	936.	-3.7	4.4	4.4	-9.7	93.	0.0040	0.0051	0.0636	270.0	38.6
2638.	935.	-3.7	4.4	4.4	-9.7	93.	0.0040	0.0051	0.0631	270.0	38.8
2744.	935.	-3.8	4.4	4.4	-9.8	93.	0.0040	0.0051	0.0626	270.0	39.0
2849.	934.	-3.8	4.4	4.4	-9.8	93.	0.0040	0.0052	0.0621	270.0	39.2
2955.	934.	-3.9	4.4	4.4	-9.9	93.	0.0040	0.0052	0.0616	270.0	39.4
3060.	933.	-3.9	4.4	4.4	-9.9	93.	0.0040	0.0052	0.0612	270.0	39.6
3166.	933.	-4.0	4.4	4.4	-10.0	93.	0.0040	0.0053	0.0606	270.0	39.8
3271.	932.	-4.0	4.4	4.4	-10.0	93.	0.0040	0.0053	0.0602	270.0	40.0
3377.	932.	-4.1	4.4	4.4	-10.1	93.	0.0040	0.0053	0.0597	270.0	40.2
3482.	931.	-4.1	4.4	4.4	-10.1	93.	0.0040	0.0053	0.0593	270.0	40.4
3588.	931.	-4.2	4.4	4.4	-10.2	93.	0.0040	0.0054	0.0589	270.0	40.6
3693.	930.	-4.2	4.4	4.4	-10.2	93.	0.0040	0.0054	0.0584	270.0	40.8
3799.	930.	-4.3	4.4	4.4	-10.3	93.	0.0040	0.0054	0.0580	270.0	41.0
3904.	929.	-4.3	4.4	4.4	-10.3	93.	0.0040	0.0054	0.0575	270.0	41.2
4010.	929.	-4.4	4.4	4.4	-10.4	93.	0.0040	0.0054	0.0572	270.0	41.4
4115.	928.	-4.4	4.4	4.4	-10.4	93.	0.0040	0.0054	0.0567	270.0	41.6
4221.	928.	-4.5	4.4	4.4	-10.5	93.	0.0040	0.0054	0.0564	270.0	41.8
4326.	927.	-4.5	4.4	4.4	-10.5	93.	0.0040	0.0054	0.0559	270.0	42.0
4432.	927.	-4.6	4.4	4.4	-10.6	93.	0.0040	0.0054	0.0555	270.0	42.2
4537.	926.	-4.6	4.4	4.4	-10.6	93.	0.0040	0.0054	0.0551	270.0	42.4
4643.	926.	-4.7	4.4	4.4	-10.7	93.	0.0040	0.0054	0.0547	270.0	42.6
4748.	925.	-4.7	4.4	4.4	-10.7	93.	0.0040	0.0054	0.0542	270.0	42.8
4854.	925.	-4.8	4.4	4.4	-10.8	93.	0.0040	0.0054	0.0538	270.0	43.0
4959.	924.	-4.8	4.4	4.4	-10.8	93.	0.0040	0.0054	0.0533	270.0	43.2
5065.	924.	-4.9	4.4	4.4	-10.9	93.	0.0040	0.0054	0.0530	270.0	43.4
5170.	923.	-4.9	4.4	4.4	-10.9	93.	0.0040	0.0054	0.0526	270.0	43.6
5276.	923.	-5.0	4.4	4.4	-11.0	93.	0.0040	0.0054	0.0522	270.0	43.8
5381.	922.	-5.0	4.4	4.4	-11.0	93.	0.0040	0.0054	0.0516	270.0	44.0
5487.	922.	-5.1	4.4	4.4	-11.1	93.	0.0040	0.0054	0.0512	270.0	44.2
5592.	921.	-5.1	4.4	4.4	-11.1	93.	0.0040	0.0054	0.0508	270.0	44.4
5698.	921.	-5.2	4.4	4.4	-11.2	93.	0.0040	0.0054	0.0504	270.0	44.6
5803.	920.	-5.2	4.4	4.4	-11.2	93.	0.0040	0.0054	0.0499	270.0	44.8
5909.	920.	-5.3	4.4	4.4	-11.3	93.	0.0040	0.0054	0.0495	270.0	45.0
6014.	919.	-5.3	4.4	4.4	-11.3	93.	0.0040	0.0054	0.0490	270.0	45.2
6120.	919.	-5.4	4.4	4.4	-11.4	93.	0.0040	0.0054	0.0485	270.0	45.4
6225.	918.	-5.4	4.4	4.4	-11.4	93.	0.0040	0.0054	0.0481	270.0	45.6
6331.	918.	-5.5	4.4	4.4	-11.5	93.	0.0040	0.0054	0.0476	270.0	45.8
6436.	917.	-5.5	4.4	4.4	-11.5	93.	0.0040	0.0054	0.0472	270.0	46.0
6542.	917.	-5.6	4.4	4.4	-11.6	93.	0.0040	0.0054	0.0469	270.0	46.2
6647.	916.	-5.6	4.4	4.4	-11.6	93.	0.0040	0.0054	0.0465	270.0	46.4
6753.	916.	-5.7	4.4	4.4	-11.7	93.	0.0040	0.0054	0.0461	270.0	46.6
6858.	915.	-5.7	4.4	4.4	-11.7	93.	0.0040	0.0054	0.0458	270.0	46.8
6964.	915.	-5.8	4.4	4.4	-11.8	93.	0.0040	0.0054	0.0453	270.0	47.0
7069.	914.	-5.8	4.4	4.4	-11.8	93.	0.0040	0.0054	0.0450	270.0	47.2
7175.	914.	-5.9	4.4	4.4	-11.9	93.	0.0040	0.0054	0.0447	270.0	47.4
7280.	913.	-5.9	4.4	4.4	-11.9	93.	0.0040	0.0054	0.0442	270.0	47.6
7386.	913.	-6.0	4.4	4.4	-12.0	93.	0.0040	0.0054	0.0440	270.0	47.8
7491.	912.	-6.0	4.4	4.4	-12.0	93.	0.0040	0.0054	0.0439	270.0	48.0
7597.	912.	-6.1	4.4	4.4	-12.1	93.	0.0040	0.0054	0.0435	270.0	48.2
7702.	911.	-6.1	4.4	4.4	-12.1	93.	0.0040	0.0054	0.0432	270.0	48.4
7808.	911.	-6.2	4.4	4.4	-12.2	93.	0.0040	0.0054	0.0428	270.0	48.6
7913.	910.	-6.2	4.4	4.4	-12.2	93.	0.0040	0.0054	0.0424	270.0	48.8
8019.	910.	-6.3	4.4	4.4	-12.3	93.	0.0040	0.0054	0.0421	270.0	49.0
8124.	909.	-6.3	4.4	4.4	-12.3	93.	0.0040	0.0054	0.0417	270.0	49.2
8230.	909.	-6.4	4.4	4.4	-12.4	93.	0.0040	0.0054	0.0414	270.0	49.4
8335.	908.	-6.4	4.4	4.4	-12.4	93.	0.0040	0.0054	0.0410	270.0	49.6
8441.	908.	-6.5	4.4	4.4	-12.5	93.	0.0040	0.0054	0.0407	270.0	49.8
8546.	907.	-6.5	4.4	4.4	-12.5	93.	0.0040	0.0054	0.0404	270.0	50.0
8652.	907.	-6.6	4.4	4.4	-12.6	93.	0.0040	0.0054	0.0401	270.0	50.2
8757.	906.	-6.6	4.4	4.4	-12.6	93.	0.0040	0.0054	0.0398	270.0	50.4
8863.	906.	-6.7	4.4	4.4	-12.7	93.	0.0040	0.0054	0.0396	270.0	50.6
8968.	905.	-6.7	4.4	4.4	-12.7	93.	0.0040	0.0054	0.0393	270.0	50.8
9074.	905.	-6.8	4.4	4.4	-12.8	93.	0.0040	0.0054	0.0390	270.0	51.0
9179.	904.	-6.8	4.4	4.4	-12.8	93.	0.0040	0.0054	0.0387	270.0	51.2
9285.	904.	-6.9	4.4	4.4	-12.9	93.	0.0040	0.0054	0.0383	270.0	51.4
9390.	903.	-6.9	4.4	4.4	-12.9	93.	0.0040	0.0054	0.0380	270.0	51.6
9496.	903.	-7.0	4.4	4.4	-13.0	93.	0.0040	0.0054	0.0377	270.0	51.8
9601.	902.	-7.0	4.4	4.4	-13.0	93.	0.0040	0.0054	0.0374	270.0	52.0
9707.	902.	-7.1	4.4	4.4	-13.1	93.	0.0040	0.0054	0.0371	270.0	52.2
9812.	901.	-7.1	4.4	4.4	-13.1	93.	0.0040	0.0054	0.0367	270.0	52.4
9918.	901.	-7.2	4.4	4.4	-13.2	93.	0.0040	0.0054	0.0363	270.0	52.6
10023.	900.	-7.2	4.4	4.4	-13.2	93.	0.0040	0.0054	0.0362	270.0	52.8
10129.	900.	-7.3	4.4	4.4	-13.3	93.	0.0040	0.0054	0.0359	270.0	53.0
10234.	899.	-7.3	4.4	4.4	-13.3	93.	0.0040	0.0054	0.0356	270.0	53.2
10340.	899.	-7.4	4.4	4.4	-13.4	93.	0.0040	0.0054	0.0354	270.0	53.4
10445.	898.	-7.4	4.4	4.4	-13.4	93.	0.0040	0.0054	0.0350	270.0	53.6
10551.	898.	-7.5	4.4	4.4	-13.5	93.	0.0040	0.0054	0.0348	270.0	53.8
10656.	897.	-7.5	4.4	4.4	-13.5	93.	0.0040	0.0054	0.0345	270.0	54.0
10762.	897.	-7.6	4.4	4.4	-13.6	93.	0.0040	0.0054	0.0343	270.0	54.2
10867.	896.	-7.6	4.4	4.4	-13.6	93.	0.0040	0.0054	0.0339	270.0	54.4
10973.	896.	-7.7	4.4	4.4	-13.7	93.	0.0040	0.0054	0.0337	270.0	54.6
11078.	895.	-7.7	4.4	4.4	-13.7	93.	0.0040	0.0054	0.0334	270.0	54.8
11184.	895.	-7.8	4.4	4.4	-13.8	93.	0.0040	0.0054	0.0332	270.0	55.0
11289.	894.	-7.8	4.4	4.4	-13.8	93.	0.0040	0.0054	0.0328	270.0	55.2
11395.	894.	-7.9	4.4	4.4	-13.9	93.	0.0040	0.0054	0.0326	270.0	55.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
24874.	21.3	-44.5	413.3	413.5	-66.3	23.	0.0176	0.0176	0.0325	270.0	46.6
24937.	21.1	-44.4	415.5	415.7	-56.3	23.	0.0178	0.0178	0.0322	270.0	46.7
24969.	21.0	-44.6	417.8	417.8	-55.9	23.	0.0187	0.0186	0.0319	270.0	46.9
25033.	20.8	-45.7	420.4	420.7	-55.6	23.	0.0193	0.0192	0.0316	269.0	47.0
25064.	20.6	-45.6	422.6	422.7	-55.5	23.	0.0196	0.0195	0.0313	269.0	47.2
25131.	20.5	-45.4	424.2	424.5	-55.4	23.	0.0200	0.0199	0.0311	269.0	47.4
25197.	20.3	-43.2	426.8	427.0	-55.2	23.	0.0205	0.0204	0.0308	269.0	47.6
25264.	20.1	-43.1	429.1	429.3	-55.1	23.	0.0207	0.0206	0.0305	269.0	47.8
25297.	20.0	-43.1	430.4	430.6	-55.0	23.	0.0210	0.0208	0.0303	269.0	48.0
25365.	19.8	-42.9	432.7	433.0	-54.9	23.	0.0212	0.0211	0.0300	268.0	48.2
25433.	19.6	-42.8	435.0	435.2	-54.8	23.	0.0215	0.0213	0.0297	268.0	48.5
25502.	19.4	-43.2	436.9	436.2	-55.2	23.	0.0205	0.0204	0.0294	268.0	48.8
25572.	19.2	-43.4	437.4	437.7	-55.4	23.	0.0200	0.0199	0.0291	269.0	48.9
25607.	19.1	-43.5	438.1	438.4	-55.4	23.	0.0198	0.0197	0.0290	269.0	49.1
25678.	18.9	-43.5	440.9	441.2	-55.3	23.	0.0202	0.0201	0.0287	270.0	49.3
25713.	18.8	-42.4	443.5	443.8	-54.8	23.	0.0215	0.0213	0.0285	270.0	49.4
25785.	18.6	-42.5	446.7	447.0	-54.5	23.	0.0222	0.0220	0.0281	270.0	49.4
25822.	18.5	-42.2	448.7	449.0	-54.3	23.	0.0231	0.0228	0.0279	271.0	49.5
25856.	18.3	-41.9	451.9	452.2	-54.0	23.	0.0238	0.0235	0.0276	271.0	49.5
25932.	18.2	-41.7	453.7	454.0	-53.8	23.	0.0244	0.0241	0.0274	271.0	49.3
25973.	18.1	-41.6	455.1	455.5	-53.7	23.	0.0246	0.0243	0.0273	271.0	49.1
26007.	18.0	-41.5	456.6	457.0	-53.6	23.	0.0249	0.0246	0.0271	272.0	48.8
26039.	17.8	-41.4	459.2	459.6	-53.6	23.	0.0252	0.0249	0.0268	272.0	48.4
26121.	17.7	-41.2	461.0	461.4	-53.4	23.	0.0258	0.0254	0.0266	273.0	48.0
26159.	17.6	-40.9	462.2	463.6	-53.1	23.	0.0267	0.0263	0.0264	273.0	47.5

SOUNDING 55.0
LATITUDE -61.9 LONGITUDE 2.4
DATE 10-30-81 TIME 1132 GMT
NUMBER OF LEVELS 318

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3.	991.7	-10.7	-10.1	-9.9	-12.8	83.	2.0357	1.6940	1.3180	220.0	10.0
58.	984.[illegible]	-12.[illegible]	-11.[illegible]	-11.2	-18.[illegible]	55.	1.1474	0.9780	1.3164	221.0	[illegible].9
114.	976.5	-13.[illegible]	-11.2	-11.1	-18.5	60.	1.1962	1.0179	1.3086	217.0	9.4
171.	969.2	-13.[illegible]	-11.[illegible]	-11.[illegible]	-18.6	62.	1.1811	1.0055	1.3013	212.0	9.0
232.	962.0	-13.[illegible]	-10.[illegible]	-10.8	-18.8	63.	1.1677	0.9946	1.2932	209.0	8.6
287.	955.[illegible]	-14.[illegible]	-10.[illegible]	-10.[illegible]	-19.1	62.	1.1282	0.9624	1.2847	206.0	8.4
344.	947.[illegible]	-14.[illegible]	-10.[illegible]	-10.[illegible]	-18.5	62.	1.0876	0.9291	1.2770	203.0	8.0
402.	940.8	-14.9	-10.[illegible]	-10.[illegible]	-18.4	62.	1.0654	0.9127	1.2700	200.0	7.6
457.	933.8	-15.[illegible]	-10.[illegible]	-10.[illegible]	-22.[illegible]	55.	1.0398	0.8899	1.2630	198.0	7.3
514.	927.[illegible]	-15.[illegible]	-10.[illegible]	-10.[illegible]	-22.1	67.	1.0332	0.8763	1.2562	196.0	6.9
564.	920.[illegible]	-16.[illegible]	-10.[illegible]	-10.[illegible]	-20.3	70.	1.0109	0.8662	1.2509	193.0	6.6
621.	913.6	-17.[illegible]	-10.[illegible]	-10.[illegible]	-20.5	72.	0.9922	0.8508	1.2433	191.0	6.4
678.	906.4	-17.[illegible]	-10.[illegible]	-10.[illegible]	-21.8	73.	0.9698	0.8240	1.2359	190.0	6.0
736.	899.7	-18.[illegible]	-10.[illegible]	-10.1	-21.3	74.	0.9156	0.7877	1.2292	189.0	5.8
788.	893.3	-18.4	-10.[illegible]	-10.[illegible]	-21.5	74.	0.8937	0.7696	1.2223	189.0	5.8
841.	887.0	-18.[illegible]	-10.[illegible]	-10.[illegible]	-22.[illegible]	74.	0.8722	0.7514	1.2161	190.0	6.0
898.	880.[illegible]	-19.[illegible]	-10.[illegible]	-10.[illegible]	-22.4	74.	0.8504	0.7098	1.2090	191.0	6.1
955.	873.6	-19.[illegible]	-9.[illegible]	-9.[illegible]	-22.7	74.	0.7972	0.6897	1.2014	192.0	6.2
1010.	867.2	-20.[illegible]	-9.[illegible]	-9.4	-23.2	73.	0.7568	0.6562	1.1940	193.0	6.1
1067.	860.[illegible]	-18.7	-7.[illegible]	-7.[illegible]	-27.1	44.	0.5144	0.4547	1.1785	194.0	6.1
1122.	854.[illegible]	-17.[illegible]	-6.7	-6.7	-30.2	19.	0.1972	0.1803	1.1639	195.0	6.2
1179.	847.[illegible]	-17.[illegible]	-6.[illegible]	-6.[illegible]	-30.5	17.	0.1812	0.1751	1.1498	197.0	6.0
1234.	841.[illegible]	-15.[illegible]	-4.[illegible]	-4.[illegible]	-33.4	13.	0.2157	0.1966	1.1348	185.0	7.0
1290.	834.3	-15.1	-4.4	-4.4	-34.8	14.	0.2332	0.2092	1.1265	182.0	7.4
1347.	827.[illegible]	-15.[illegible]	-4.[illegible]	-4.[illegible]	-21.6	20.	0.3224	0.2895	1.1188	194.0	5.6
1401.	821.7	-14.4	-3.[illegible]	-3.[illegible]	-27.8	24.	0.3837	0.3417	1.1109	197.0	5.0
1460.	815.[illegible]	-15.[illegible]	-4.1	-4.[illegible]	-27.[illegible]	26.	0.4119	0.3650	1.1037	199.0	6.1
1519.	809.[illegible]	-15.[illegible]	-3.[illegible]	-3.[illegible]	-28.6	28.	0.4395	0.3894	1.0964	199.0	6.1
1577.	804.6	-15.[illegible]	-3.7	-3.7	-27.5	31.	0.4776	0.4218	1.0896	199.0	6.4
1628.	798.6	-15.[illegible]	-3.[illegible]	-3.[illegible]	-26.4	36.	0.5495	0.4926	1.0819	199.0	6.2
1684.	792.7	-15.[illegible]	-3.[illegible]	-3.[illegible]	-26.7	35.	0.5342	0.4697	1.0739	198.0	6.6
1734.	787.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-26.[illegible]	34.	0.5231	0.4602	1.0656	198.0	6.8
1784.	781.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-27.[illegible]	34.	0.5198	0.4566	1.0581	198.0	6.9
1832.	776.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-27.[illegible]	34.	0.5184	0.4566	1.0502	196.0	7.0
1881.	770.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-27.[illegible]	34.	0.5083	0.4487	1.0429	203.0	6.5
1930.	765.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-27.4	34.	0.4989	0.4407	1.0357	204.0	6.8
1978.	759.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-27.8	33.	0.4837	0.4245	1.0286	209.0	6.5
2026.	754.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-28.2	32.	0.4618	0.4084	1.0209	211.0	6.7
2073.	749.[illegible]	-15.[illegible]	-2.[illegible]	-2.[illegible]	-28.7	31.	0.4396	0.3856	1.0144	213.0	7.2
2124.	743.[illegible]	-17.1	-3.[illegible]	-3.[illegible]	-29.[illegible]	30.	0.4202	0.3637	1.0081	217.0	7.8
2174.	738.[illegible]	-17.[illegible]	-3.[illegible]	-3.[illegible]	-29.[illegible]	29.	0.3846	0.3427	1.0019	219.0	7.8
2223.	732.[illegible]	-17.7	-3.[illegible]	-3.[illegible]	-30.[illegible]	28.	0.3610	0.3224	0.9954	224.0	8.2
2273.	727.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-30.[illegible]	28.	0.3459	0.3139	0.9892	226.0	8.6
2321.	721.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-31.[illegible]	28.	0.3444	0.3081	0.9835	228.0	8.7
2371.	716.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-31.[illegible]	28.	0.3347	0.2994	0.9785	229.0	10.4
2420.	711.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-31.[illegible]	28.	0.3227	0.2917	0.9734	231.0	11.5
2469.	705.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-32.[illegible]	27.	0.3026	0.2716	0.9681	234.0	12.0
2518.	700.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-32.[illegible]	26.	0.2848	0.2568	0.9582	236.0	12.0
2567.	695.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-32.[illegible]	25.	0.2641	0.2387	0.9523	238.0	12.0
2616.	689.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-33.[illegible]	25.	0.2541	0.2301	0.9466	240.0	12.0
2665.	684.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-34.[illegible]	24.	0.2449	0.2217	0.9405	239.0	12.0
2714.	679.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-34.[illegible]	24.	0.2268	0.2054	0.9349	240.0	12.0
2763.	673.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-34.[illegible]	23.	0.2077	0.1883	0.9291	240.0	12.0
2812.	668.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-35.[illegible]	23.	0.1847	0.1674	0.9231	239.0	12.0
2861.	663.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-36.[illegible]	22.	0.1678	0.1521	0.9176	240.0	12.0
2910.	657.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-37.[illegible]	21.	0.1524	0.1385	0.9121	240.0	12.0
2959.	652.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-37.[illegible]	21.	0.1470	0.1336	0.9064	240.0	12.0
3008.	647.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-38.[illegible]	20.	0.1318	0.1199	0.9010	240.0	12.0
3057.	641.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	19.	0.1208	0.1097	0.8958	240.0	12.0
3106.	636.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	18.	0.1098	0.1000	0.8906	240.0	12.0
3155.	631.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	18.	0.1034	0.0941	0.8852	240.0	12.0
3204.	625.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	17.	0.0954	0.0869	0.8793	240.0	12.0
3253.	620.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	17.	0.0907	0.0827	0.8747	240.0	12.0
3302.	615.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	16.	0.0868	0.0792	0.8698	240.0	12.0
3351.	609.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	16.	0.0832	0.0759	0.8652	240.0	12.0
3400.	604.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	16.	0.0797	0.0727	0.8604	240.0	12.0
3449.	599.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	15.	0.0777	0.0709	0.8579	240.0	12.0
3498.	593.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	15.	0.0744	0.0679	0.8529	240.0	12.0
3547.	588.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	15.	0.0713	0.0650	0.8485	240.0	12.0
3596.	583.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	15.	0.0683	0.0623	0.8441	240.0	12.0
3645.	578.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	14.	0.0654	0.0596	0.8398	240.0	12.0
3694.	572.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	14.	0.0626	0.0571	0.8357	240.0	12.0
3743.	567.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	14.	0.0599	0.0546	0.8316	240.0	12.0
3792.	562.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	13.	0.0573	0.0522	0.8276	240.0	12.0
3841.	557.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	13.	0.0548	0.0499	0.8236	240.0	12.0
3890.	552.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	13.	0.0524	0.0477	0.8197	240.0	12.0
3939.	546.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	13.	0.0501	0.0456	0.8158	240.0	12.0
3988.	541.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	12.	0.0478	0.0435	0.8120	240.0	12.0
4037.	536.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	12.	0.0457	0.0416	0.8082	240.0	12.0
4086.	531.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	12.	0.0436	0.0397	0.8045	240.0	12.0
4135.	526.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	12.	0.0416	0.0379	0.8008	240.0	12.0
4184.	521.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	11.	0.0397	0.0361	0.7972	240.0	12.0
4233.	516.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	11.	0.0378	0.0344	0.7936	240.0	12.0
4282.	511.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	11.	0.0360	0.0328	0.7900	240.0	12.0
4331.	506.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	11.	0.0343	0.0312	0.7865	240.0	12.0
4380.	501.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	11.	0.0326	0.0297	0.7830	240.0	12.0
4429.	496.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	11.	0.0310	0.0282	0.7796	240.0	12.0
4478.	491.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	10.	0.0294	0.0268	0.7762	240.0	12.0
4527.	486.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	10.	0.0279	0.0254	0.7728	240.0	12.0
4576.	481.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	10.	0.0264	0.0241	0.7695	240.0	12.0
4625.	476.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	10.	0.0251	0.0228	0.7662	240.0	12.0
4674.	471.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	9.	0.0237	0.0216	0.7630	240.0	12.0
4723.	466.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	9.	0.0224	0.0204	0.7598	240.0	12.0
4772.	461.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	9.	0.0212	0.0193	0.7566	240.0	12.0
4821.	456.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	9.	0.0201	0.0183	0.7535	240.0	12.0
4870.	451.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	9.	0.0190	0.0173	0.7504	240.0	12.0
4919.	446.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	8.	0.0180	0.0164	0.7474	240.0	12.0
4968.	441.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	8.	0.0170	0.0155	0.7444	240.0	12.0
5017.	436.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	8.	0.0161	0.0147	0.7414	240.0	12.0
5066.	431.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	8.	0.0152	0.0139	0.7384	240.0	12.0
5115.	426.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	8.	0.0144	0.0131	0.7355	240.0	12.0
5164.	421.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	7.	0.0136	0.0124	0.7326	240.0	12.0
5213.	416.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	7.	0.0128	0.0117	0.7297	240.0	12.0
5262.	411.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	7.	0.0121	0.0110	0.7269	240.0	12.0
5311.	406.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	7.	0.0114	0.0104	0.7241	240.0	12.0
5360.	401.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	7.	0.0107	0.0098	0.7213	240.0	12.0
5409.	396.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	6.	0.0101	0.0092	0.7186	240.0	12.0
5458.	391.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	6.	0.0095	0.0086	0.7159	240.0	12.0
5507.	386.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	6.	0.0089	0.0081	0.7132	240.0	12.0
5556.	381.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	6.	0.0083	0.0076	0.7105	240.0	12.0
5605.	376.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	6.	0.0078	0.0071	0.7079	240.0	12.0
5654.	371.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	5.	0.0073	0.0066	0.7053	240.0	12.0
5703.	366.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	5.	0.0068	0.0062	0.7027	240.0	12.0
5752.	361.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	5.	0.0063	0.0057	0.7001	240.0	12.0
5801.	356.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	5.	0.0058	0.0053	0.6976	240.0	12.0
5850.	351.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	5.	0.0054	0.0049	0.6950	240.0	12.0
5899.	346.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	5.	0.0050	0.0045	0.6925	240.0	12.0
5948.	341.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	4.	0.0046	0.0042	0.6901	240.0	12.0
5997.	336.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	4.	0.0042	0.0038	0.6876	240.0	12.0
6046.	331.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	4.	0.0038	0.0035	0.6852	240.0	12.0
6095.	326.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	4.	0.0035	0.0031	0.6828	240.0	12.0
6144.	321.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	4.	0.0031	0.0028	0.6804	240.0	12.0
6193.	316.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	4.	0.0028	0.0025	0.6780	240.0	12.0
6242.	311.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	3.	0.0025	0.0023	0.6757	240.0	12.0
6291.	306.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	3.	0.0022	0.0020	0.6733	240.0	12.0
6340.	301.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	3.	0.0020	0.0018	0.6710	240.0	12.0
6389.	296.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	3.	0.0017	0.0015	0.6687	240.0	12.0
6438.	291.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	3.	0.0015	0.0013	0.6664	240.0	12.0
6487.	286.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0013	0.0011	0.6641	240.0	12.0
6536.	281.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0011	0.0010	0.6618	240.0	12.0
6585.	276.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0010	0.0008	0.6596	240.0	12.0
6634.	271.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0008	0.0007	0.6573	240.0	12.0
6683.	266.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0007	0.0006	0.6551	240.0	12.0
6732.	261.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0006	0.0005	0.6529	240.0	12.0
6781.	256.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0005	0.0004	0.6507	240.0	12.0
6830.	251.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	2.	0.0004	0.0003	0.6485	240.0	12.0
6879.	246.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0003	0.0002	0.6463	240.0	12.0
6928.	241.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0002	0.0002	0.6441	240.0	12.0
6977.	236.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0002	0.0001	0.6419	240.0	12.0
7026.	231.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0001	0.0001	0.6398	240.0	12.0
7075.	226.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0001	0.0001	0.6376	240.0	12.0
7124.	221.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0001	0.0000	0.6355	240.0	12.0
7173.	216.[illegible]	-18.[illegible]	-3.[illegible]	-3.[illegible]	-40.[illegible]	1.	0.0000	0.0000	0.6334	240.0	12.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
4114.	564.6	-27.2	15.	15.	-80.7	2.	0.0002	0.21	0.8561	180.0	1.
4171.	560.2	-27.5	16.0	16.0	-87.5	2.	0.0001	0.21	0.8605	180.0	17.5
4229.	555.8	-27.7	16.4	16.4	-88.6	2.	0.0001	0.21	0.7957	180.0	17.5
4288.	551.3	-28.0	16.7	16.7	-88.8	2.	0.0001	0.21	0.7921	180.0	17.5
4345.	551.4	-28.0	17.4	17.4	-88.5	2.	0.0001	0.21	0.7843	180.0	17.5
4405.	547.0	-28.0	17.4	17.4	-88.4	2.	0.0001	0.21	0.7789	180.0	17.5
4462.	542.7	-28.0	17.4	17.4	-88.7	2.	0.0001	0.21	0.7737	180.0	17.5
4521.	538.2	-28.0	17.4	17.4	-88.7	2.	0.0001	0.21	0.7684	180.0	17.5
4574.	534.2	-28.0	17.4	17.4	-88.7	2.	0.0001	0.21	0.7644	180.0	17.5
4635.	529.8	-30.0	18.1	18.1	-88.6	2.	0.0001	0.21	0.7603	180.0	17.5
4696.	525.5	-31.4	18.4	18.4	-88.5	2.	0.0001	0.21	0.7560	180.0	17.5
4741.	521.8	-31.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.7516	180.0	17.5
4795.	517.8	-31.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.7471	180.0	17.5
4854.	513.5	-31.1	18.4	18.4	-88.5	2.	0.0001	0.21	0.7421	180.0	17.5
4915.	509.2	-32.4	18.4	18.4	-88.3	2.	0.0001	0.21	0.7368	180.0	17.5
4972.	505.1	-32.7	18.4	18.4	-88.3	2.	0.0001	0.21	0.7317	180.0	17.5
5026.	501.1	-33.1	18.4	18.4	-88.5	2.	0.0001	0.21	0.7269	180.0	17.5
5084.	497.0	-33.4	18.4	18.4	-88.5	2.	0.0001	0.21	0.7222	180.0	17.5
5144.	492.7	-33.7	18.4	18.4	-88.6	2.	0.0001	0.21	0.7174	180.0	17.5
5203.	488.5	-34.4	18.4	18.4	-88.5	2.	0.0001	0.21	0.7125	180.0	17.5
5265.	484.4	-34.4	18.4	18.4	-88.7	2.	0.0001	0.21	0.7084	180.0	17.5
5321.	480.4	-35.1	18.4	18.4	-88.5	2.	0.0001	0.21	0.7036	180.0	17.5
5379.	476.4	-35.7	18.4	18.4	-88.5	2.	0.0001	0.21	0.6986	180.0	17.5
5438.	472.5	-36.1	18.4	18.4	-88.6	2.	0.0001	0.21	0.6941	180.0	17.5
5497.	468.5	-36.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.6894	180.0	17.5
5554.	464.6	-36.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.6847	180.0	17.5
5599.	461.5	-37.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.6812	180.0	17.5
5654.	457.6	-37.9	18.4	18.4	-88.7	2.	0.0001	0.21	0.6770	180.0	17.5
5711.	453.5	-38.4	18.4	18.4	-88.1	2.	0.0001	0.21	0.6737	180.0	17.5
5777.	448.1	-38.4	18.4	18.4	-88.1	2.	0.0001	0.21	0.6684	180.0	17.5
5827.	444.4	-39.1	18.4	18.4	-88.3	2.	0.0001	0.21	0.6645	180.0	17.5
5881.	440.3	-39.7	18.4	18.4	-88.1	2.	0.0001	0.21	0.6603	180.0	17.5
5936.	436.4	-40.1	18.4	18.4	-88.3	2.	0.0001	0.21	0.6565	180.0	17.5
5992.	432.5	-40.4	18.4	18.4	-88.5	2.	0.0001	0.21	0.6521	180.0	17.5
6042.	432.5	-40.4	18.4	18.4	-88.1	2.	0.0001	0.21	0.6487	180.0	17.5
6054.	429.2	-41.4	18.4	18.4	-88.3	2.	0.0001	0.21	0.6452	180.0	17.5
6145.	426.0	-41.4	18.4	18.4	-88.7	2.	0.0001	0.21	0.6414	180.0	17.5
6206.	422.2	-42.1	18.4	18.4	-88.1	2.	0.0001	0.21	0.6371	180.0	17.5
6265.	418.5	-42.4	18.4	18.4	-88.5	2.	0.0001	0.21	0.6329	180.0	17.5
6318.	415.2	-43.1	18.4	18.4	-88.8	2.	0.0001	0.21	0.6290	180.0	17.5
6377.	412.0	-43.4	18.4	18.4	-88.7	2.	0.0001	0.21	0.6249	180.0	17.5
6440.	408.1	-43.4	18.4	18.4	-88.8	2.	0.0001	0.21	0.6209	180.0	17.5
6498.	404.2	-43.8	18.4	18.4	-88.8	2.	0.0001	0.21	0.6169	180.0	17.5
6514.	403.5	-43.7	18.4	18.4	-88.8	2.	0.0001	0.21	0.6159	180.0	17.5
6562.	400.4	-43.7	18.4	18.4	-88.1	2.	0.0001	0.21	0.6124	180.0	17.5
6614.	397.0	-44.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.6084	180.0	17.5
6665.	393.7	-44.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.6043	180.0	17.5
6712.	391.5	-44.4	18.4	18.4	-88.7	2.	0.0001	0.21	0.6015	180.0	17.5
6765.	388.7	-44.4	18.4	18.4	-88.6	2.	0.0001	0.21	0.5980	180.0	17.5
6810.	385.8	-44.7	18.4	18.4	-88.1	2.	0.0001	0.21	0.5947	180.0	17.5
6861.	382.9	-44.4	18.4	18.4	-88.7	2.	0.0001	0.21	0.5911	180.0	17.5
6913.	379.9	-44.4	18.4	18.4	-88.8	2.	0.0001	0.21	0.5874	180.0	17.5
6964.	376.9	-45.1	18.4	18.4	-88.1	2.	0.0001	0.21	0.5838	180.0	17.5
7016.	374.1	-45.4	18.4	18.4	-88.1	2.	0.0001	0.21	0.5805	180.0	17.5
7068.	371.2	-45.7	18.4	18.4	-88.1	2.	0.0001	0.21	0.5771	180.0	17.5
7121.	368.2	-45.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.5737	180.0	17.5
7174.	365.2	-46.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.5703	180.0	17.5
7230.	362.2	-46.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.5668	180.0	17.5
7282.	359.4	-47.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.5636	180.0	17.5
7334.	356.7	-47.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.5604	180.0	17.5
7386.	354.0	-47.8	18.4	18.4	-88.4	2.	0.0001	0.21	0.5572	180.0	17.5
7434.	351.2	-48.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.5542	180.0	17.5
7485.	348.5	-48.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.5510	180.0	17.5
7534.	345.9	-48.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.5480	180.0	17.5
7583.	343.3	-48.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.5450	180.0	17.5
7631.	340.8	-48.8	18.4	18.4	-88.4	2.	0.0001	0.21	0.5420	180.0	17.5
7678.	338.4	-49.0	18.4	18.4	-88.4	2.	0.0001	0.21	0.5391	180.0	17.5
7722.	336.1	-49.0	18.4	18.4	-88.4	2.	0.0001	0.21	0.5364	180.0	17.5
7767.	333.8	-49.0	18.4	18.4	-88.4	2.	0.0001	0.21	0.5337	180.0	17.5
7814.	331.4	-50.2	18.4	18.4	-88.4	2.	0.0001	0.21	0.5306	180.0	17.5
7863.	329.0	-50.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.5276	180.0	17.5
7913.	326.4	-50.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.5246	180.0	17.5
7961.	324.0	-51.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.5216	180.0	17.5
8007.	321.7	-51.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.5188	180.0	17.5
8058.	319.2	-52.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.5158	180.0	17.5
8108.	316.7	-52.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.5128	180.0	17.5
8161.	314.1	-53.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.4973	180.0	17.5
8213.	311.6	-53.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4842	180.0	17.5
8262.	309.2	-53.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4813	180.0	17.5
8312.	306.8	-54.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.4784	180.0	17.5
8360.	304.5	-54.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4756	180.0	17.5
8411.	302.1	-55.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.4726	180.0	17.5
8462.	299.7	-55.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4697	180.0	17.5
8510.	297.5	-55.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4669	180.0	17.5
8560.	295.1	-56.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.4640	180.0	17.5
8612.	292.7	-56.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4611	180.0	17.5
8664.	290.3	-56.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4582	180.0	17.5
8719.	287.8	-56.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4553	180.0	17.5
8771.	285.4	-57.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4524	180.0	17.5
8820.	283.2	-57.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4497	180.0	17.5
8872.	280.9	-58.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.4468	180.0	17.5
8923.	278.6	-58.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4439	180.0	17.5
8975.	276.3	-58.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4410	180.0	17.5
9025.	274.1	-59.1	18.4	18.4	-88.4	2.	0.0001	0.21	0.4382	180.0	17.5
9074.	271.9	-59.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4353	180.0	17.5
9124.	269.8	-59.9	18.4	18.4	-88.4	2.	0.0001	0.21	0.4324	180.0	17.5
9175.	267.6	-60.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4296	180.0	17.5
9229.	265.3	-60.5	18.4	18.4	-88.4	2.	0.0001	0.21	0.4267	180.0	17.5
9283.	263.0	-60.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4238	180.0	17.5
9335.	260.8	-60.9	18.4	18.4	-88.4	2.	0.0001	0.21	0.4209	180.0	17.5
9385.	258.7	-61.0	18.4	18.4	-88.4	2.	0.0001	0.21	0.4181	180.0	17.5
9431.	256.8	-61.2	18.4	18.4	-88.4	2.	0.0001	0.21	0.4154	180.0	17.5
9477.	254.9	-61.4	18.4	18.4	-88.4	2.	0.0001	0.21	0.4127	180.0	17.5
9526.	252.9	-61.7	18.4	18.4	-88.4	2.	0.0001	0.21	0.4100	180.0	17.5
9577.	250.8	-61.9	18.4	18.4	-88.4	2.	0.0001	0.21	0.4073	180.0	17.5
9629.	248.7	-62.0	18.4	18.4	-88.4	2.	0.0001	0.21	0.4046	180.0	17.5
9679.	246.7	-62.3	18.4	18.4	-88.4	2.	0.0001	0.21	0.4019	180.0	17.5
9724.	244.9	-62.6	18.4	18.4	-88.4	2.	0.0001	0.21	0.3993	180.0	17.5
9772.	243.0	-62.9	18.4	18.4	-88.4	2.	0.0001	0.21	0.3966	180.0	17.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9818.	241.2	-62.9	42.5	42.5	-87.7	2.	0.0001	0.0002	0.3996	210.0	42.5
9864.	239.4	-63.1	42.6	42.6	-87.8	2.	0.0001	0.0002	0.3970	211.0	42.2
9912.	237.5	-63.4	43.1	43.1	-88.1	2.	0.0001	0.0002	0.3944	213.0	41.0
9962.	235.6	-63.8	43.2	43.2	-88.4	2.	0.0001	0.0002	0.3920	212.0	40.1
10009.	233.8	-64.2	43.3	43.3	-92.4	1.	0.0001	0.0001	0.3898	212.0	39.1
10058.	231.9	-64.6	43.4	43.4	-89.0	2.	0.0001	0.0001	0.3874	212.0	37.4
10108.	230.0	-64.9	43.7	43.7	-93.2	1.	0.0001	0.0001	0.3847	99.9	99.9
10162.	228.0	-65.2	44.1	44.1	-93.2	1.	0.0001	0.0001	0.3819	213.0	34.2
10212.	226.1	-65.4	44.7	44.7	-93.3	1.	0.0001	0.0001	0.3789	213.0	32.8
10261.	224.3	-65.5	45.1	45.1	-93.4	1.	0.0001	0.0001	0.3763	213.0	31.6
10310.	222.5	-65.6	45.4	45.4	-93.6	1.	0.0000	0.0001	0.3738	211.0	30.6
10354.	220.9	-66.1	45.6	45.6	-93.9	1.	0.0000	0.0001	0.3717	99.9	99.9
10398.	219.3	-66.4	45.9	45.9	-94.0	1.	0.0000	0.0001	0.3693	99.9	99.9
10445.	217.6	-65.9	47.2	47.2	-93.7	1.	0.0000	0.0001	0.3658	99.9	99.9
10489.	216.0	-65.7	48.2	48.2	-93.6	1.	0.0000	0.0001	0.3627	99.9	99.9
10537.	214.3	-65.5	49.3	49.3	-93.4	1.	0.0001	0.0001	0.3595	99.9	99.9
10586.	212.6	-65.4	50.1	50.1	-89.8	2.	0.0001	0.0001	0.3565	99.9	99.9
10632.	211.0	-65.3	51.0	51.0	-89.5	2.	0.0001	0.0001	0.3536	99.9	99.9
10681.	209.3	-65.2	51.9	51.9	-89.5	2.	0.0001	0.0001	0.3506	99.9	99.9
10727.	207.7	-65.2	52.6	52.6	-93.2	1.	0.0001	0.0001	0.3479	99.9	99.9
10777.	206.0	-65.3	53.2	53.2	-93.3	1.	0.0001	0.0001	0.3453	99.9	99.9
10828.	204.3	-65.4	53.8	53.8	-93.3	1.	0.0001	0.0001	0.3426	99.9	99.9
10881.	202.5	-65.3	54.8	54.8	-93.3	1.	0.0001	0.0001	0.3394	99.9	99.9
10935.	200.9	-65.2	55.7	55.7	-93.2	1.	0.0001	0.0001	0.3365	99.9	99.9
10984.	199.1	-65.5	56.1	56.1	-93.4	1.	0.0001	0.0001	0.3340	99.9	99.9
11039.	197.3	-65.7	56.6	56.6	-93.6	1.	0.0000	0.0001	0.3313	99.9	99.9
11083.	195.9	-65.8	57.2	57.2	-93.6	1.	0.0000	0.0001	0.3291	99.9	99.9
11126.	194.5	-65.7	58.0	58.0	-93.6	1.	0.0000	0.0001	0.3266	99.9	99.9
11176.	192.9	-65.7	58.6	58.6	-93.6	1.	0.0000	0.0001	0.3239	99.9	99.9
11224.	191.4	-65.8	59.4	59.4	-93.6	1.	0.0000	0.0001	0.3216	99.9	99.9
11271.	189.9	-65.9	59.9	59.9	-93.7	1.	0.0000	0.0001	0.3192	99.9	99.9
11319.	188.4	-65.9	60.7	60.7	-93.7	1.	0.0000	0.0001	0.3167	99.9	99.9
11368.	186.9	-65.9	61.5	61.5	-93.7	1.	0.0000	0.0001	0.3142	99.9	99.9
11417.	185.4	-65.9	62.2	62.2	-93.7	1.	0.0000	0.0001	0.3116	99.9	99.9
11466.	183.9	-66.	62.8	62.8	-93.8	1.	0.0000	0.0001	0.3093	99.9	99.9
11512.	182.5	-66.1	63.4	63.4	-93.8	1.	0.0000	0.0001	0.3071	99.9	99.9
11555.	181.2	-66.1	64.1	64.1	-93.9	1.	0.0000	0.0001	0.3049	99.9	99.9
11602.	179.8	-66.	65.	65.	-93.8	1.	0.0000	0.0001	0.3024	99.9	99.9
11653.	178.3	-65.9	66.0	66.0	-93.7	1.	0.0000	0.0001	0.2997	99.9	99.9
11701.	176.9	-65.8	66.8	66.8	-93.7	1.	0.0000	0.0001	0.2973	99.9	99.9
11748.	175.5	-65.8	67.5	67.5	-93.7	1.	0.0000	0.0001	0.2950	99.9	99.9
11797.	174.1	-65.	68.5	68.5	-93.6	1.	0.0000	0.0001	0.2925	99.9	99.9
11843.	172.8	-65.7	69.4	69.4	-93.6	1.	0.0000	0.0001	0.2902	99.9	99.9
11892.	171.4	-65.7	70.2	70.2	-93.6	1.	0.0000	0.0001	0.2878	99.9	99.9
11938.	170.1	-65.	70.7	70.7	-93.6	1.	0.0000	0.0001	0.2858	99.9	99.9
11986.	168.7	-65.	71.6	71.6	-93.6	1.	0.0000	0.0001	0.2834	99.9	99.9
12035.	167.3	-65.	72.2	72.2	-93.7	1.	0.0000	0.0001	0.2812	99.9	99.9
12080.	165.9	-64.1	72.7	72.7	-93.9	1.	0.0000	0.0001	0.2791	99.9	99.9
12137.	164.0	-65.	74.	74.	-93.8	1.	0.0000	0.0001	0.2765	99.9	99.9
12189.	162.2	-65.	75.2	75.2	-93.9	1.	0.0000	0.0001	0.2739	99.9	99.9
12234.	160.6	-65.	76.4	76.4	-93.8	1.	0.0000	0.0001	0.2715	99.9	99.9
12283.	159.7	-64.	77.	77.	-93.8	1.	0.0000	0.0001	0.2688	99.9	99.9
12332.	158.4	-64.	79.7	79.7	-92.8	1.	0.0000	0.0001	0.2659	99.9	99.9
12383.	156.1	-64.	80.7	80.7	-92.4	1.	0.0000	0.0001	0.2636	99.9	99.9
12435.	155.9	-64.1	81.7	81.7	-92.4	1.	0.0000	0.0001	0.2615	99.9	99.9
12478.	155.7	-64.	82.6	82.6	-92.	1.	0.0000	0.0001	0.2593	99.9	99.9
12522.	154.5	-63.	83.6	83.6	-92.	1.	0.0000	0.0001	0.2572	99.9	99.9
12571.	153.3	-63.	84.5	84.5	-92.1	1.	0.0000	0.0001	0.2551	99.9	99.9
12619.	152.1	-63.7	85.5	85.5	-92.1	1.	0.0000	0.0001	0.2530	99.9	99.9
12668.	150.9	-64.	86.1	86.1	-92.1	1.	0.0000	0.0001	0.2511	99.9	99.9
12716.	149.7	-63.	86.8	86.8	-92.2	1.	0.0000	0.0001	0.2492	99.9	99.9
12778.	148.2	-64.1	87.5	87.5	-92.4	1.	0.0000	0.0001	0.2470	99.9	99.9
12826.	146.5	-64.	88.1	88.1	-92.5	1.	0.0000	0.0001	0.2449	99.9	99.9
12884.	145.5	-64.	88.6	88.6	-92.6	1.	0.0000	0.0001	0.2428	99.9	99.9
12934.	144.2	-64.	89.6	89.6	-92.7	1.	0.0000	0.0001	0.2408	99.9	99.9
12982.	143.1	-64.7	90.1	90.1	-92.8	1.	0.0000	0.0001	0.2391	99.9	99.9
13044.	141.6	-65.	90.4	90.4	-93.2	1.	0.0000	0.0001	0.2375	99.9	99.9
13095.	140.7	-65.	91.4	91.4	-93.4	1.	0.0000	0.0001	0.2360	99.9	99.9
13147.	139.3	-65.	91.8	91.8	-93.2	1.	0.0000	0.0001	0.2337	99.9	99.9
13196.	138.	-65.	92.1	92.1	-93.	1.	0.0000	0.0001	0.2315	99.9	99.9
13242.	137.1	-64.	94.2	94.2	-93.	1.	0.0000	0.0001	0.2293	99.9	99.9
13337.	135.	-65.	94.6	94.6	-93.	1.	0.0000	0.0001	0.2274	99.9	99.9
13386.	134.7	-65.	95.7	95.7	-93.1	1.	0.0000	0.0001	0.2255	99.9	99.9
13441.	133.	-65.	96.4	96.4	-93.	1.	0.0000	0.0001	0.2236	99.9	99.9
13486.	132.5	-65.	97.5	97.5	-93.2	1.	0.0000	0.0001	0.2220	99.9	99.9
13515.	131.	-65.	98.	98.	-93.	1.	0.0000	0.0001	0.2200	99.9	99.9
13566.	130.	-65.	98.	98.	-93.	1.	0.0000	0.0001	0.2182	99.9	99.9
13614.	129.1	-65.	99.	99.	-93.	1.	0.0000	0.0001	0.2164	99.9	99.9
13675.	127.6	-65.	100.	100.	-93.	1.	0.0000	0.0001	0.2144	99.9	99.9
13727.	126.	-65.	101.	101.	-93.	1.	0.0000	0.0001	0.2124	99.9	99.9
13775.	124.7	-65.	102.1	102.1	-94.	1.	0.0000	0.0001	0.2105	99.9	99.9
13829.	123.7	-64.7	103.2	103.2	-93.	1.	0.0000	0.0001	0.2086	99.9	99.9
13882.	122.	-64.7	104.	104.	-93.	1.	0.0000	0.0001	0.2066	99.9	99.9
13937.	120.7	-64.6	104.7	104.7	-92.7	1.	0.0000	0.0001	0.2046	99.9	99.9
13987.	119.	-64.4	105.1	105.1	-92.6	1.	0.0000	0.0001	0.2028	99.9	99.9
14038.	117.6	-64.	106.1	106.1	-92.5	1.	0.0000	0.0001	0.2010	99.9	99.9
14094.	116.4	-64.	107.4	107.4	-92.4	1.	0.0000	0.0001	0.1992	99.9	99.9
14143.	115.	-64.	108.1	108.1	-92.3	1.	0.0000	0.0001	0.1972	99.9	99.9
14197.	113.9	-63.9	108.9	108.9	-92.1	1.	0.0000	0.0001	0.1954	99.9	99.9
14248.	112.5	-63.7	109.6	109.6	-92.1	1.	0.0000	0.0001	0.1934	99.9	99.9
14302.	111.2	-63.6	110.3	110.3	-92.1	1.	0.0000	0.0001	0.1918	99.9	99.9
14356.	109.8	-63.4	110.9	110.9	-92.1	1.	0.0000	0.0001	0.1900	99.9	99.9
14406.	108.5	-63.2	111.6	111.6	-92.1	1.	0.0000	0.0001	0.1882	99.9	99.9
14460.	107.2	-63.	112.3	112.3	-92.1	1.	0.0000	0.0001	0.1864	99.9	99.9
14514.	105.9	-62.8	113.	113.	-92.1	1.	0.0000	0.0001	0.1848	99.9	99.9
14565.	104.7	-62.6	113.7	113.7	-92.1	1.	0.0000	0.0001	0.1834	99.9	99.9
14624.	103.3	-62.4	114.4	114.4	-92.1	1.	0.0000	0.0001	0.1815	99.9	99.9
14675.	102.	-62.	115.	115.	-92.	1.	0.0000	0.0001	0.1800	99.9	99.9
14729.	100.7	-61.8	115.7	115.7	-91.9	1.	0.0000	0.0001	0.1784	99.9	99.9
14781.	99.7	-61.7	116.4	116.4	-91.9	1.	0.0000	0.0001	0.1769	99.9	99.9
14836.	98.4	-61.5	117.	117.	-91.8	1.	0.0000	0.0001	0.1750	99.9	99.9
14886.	97.2	-61.4	117.7	117.7	-91.8	1.	0.0000	0.0001	0.1737	99.9	99.9
14941.	96.1	-61.2	118.4	118.4	-91.8	1.	0.0000	0.0001	0.1721	99.9	99.9
14988.	95.1	-61.	119.	119.	-91.8	1.	0.0000	0.0001	0.1708	99.9	99.9
15044.	93.9	-61.	119.7	119.7	-91.8	1.	0.0000	0.0001	0.1692	99.9	99.9
15094.	92.9	-61.	120.4	120.4	-91.8	1.	0.0000	0.0001	0.1678	99.9	99.9
15151.	91.8	-61.	121.	121.	-91.8	1.	0.0000	0.0001	0.1664	99.9	99.9
15202.	90.8	-61.	121.7	121.7	-91.8	1.	0.0000	0.0001	0.1648	99.9	99.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
15315.	97.9	-61.1	138.7	138.7	-90.1	1.	0.0001	0.0001	0.1608	99.9	99.9
15366.	97.1	-61.9	139.8	139.8	-90.1	1.	0.0001	0.0001	0.1594	99.9	99.9
15424.	96.2	-60.9	141.1	141.1	-90.0	1.	0.0001	0.0001	0.1579	99.9	99.9
15476.	95.4	-60.7	142.5	142.5	-89.6	1.	0.0001	0.0001	0.1564	99.9	99.9
15528.	94.6	-60.5	143.9	143.9	-89.7	1.	0.0001	0.0001	0.1550	99.9	99.9
15581.	93.8	-60.5	145.3	145.3	-89.5	1.	0.0001	0.0001	0.1535	99.9	99.9
15634.	93.0	-60.2	146.5	145.5	-89.5	1.	0.0001	0.0001	0.1521	99.9	99.9
15695.	92.1	-60.3	148.1	148.1	-89.3	1.	0.0001	0.0001	0.1505	99.9	99.9
15742.	91.4	-59.8	149.4	149.4	-89.2	1.	0.0001	0.0001	0.1492	99.9	99.9
15797.	90.6	-59.7	150.6	150.7	-89.1	1.	0.0001	0.0001	0.1479	99.9	99.9
15852.	89.8	-59.5	152.1	152.1	-88.9	1.	0.0001	0.0001	0.1464	99.9	99.9
15901.	89.1	-59.6	152.9	152.9	-89.0	1.	0.0001	0.0001	0.1453	99.9	99.9
15950.	88.4	-59.6	153.8	153.8	-89.0	1.	0.0001	0.0001	0.1442	99.9	99.9
16003.	87.7	-59.5	155.0	155.0	-88.9	1.	0.0001	0.0001	0.1430	99.9	99.9
16057.	86.9	-59.4	156.3	156.3	-88.9	1.	0.0001	0.0001	0.1416	99.9	99.9
16115.	86.1	-59.4	157.5	157.5	-88.9	1.	0.0001	0.0001	0.1403	99.9	99.9
16166.	85.4	-59.4	158.5	158.5	-88.9	1.	0.0001	0.0001	0.1392	99.9	99.9
16229.	84.6	-59.4	159.6	159.6	-88.9	1.	0.0001	0.0001	0.1379	99.9	99.9
16277.	83.9	-59.4	160.7	160.7	-88.9	1.	0.0001	0.0001	0.1367	99.9	99.9
16329.	83.2	-59.3	161.9	161.9	-88.8	1.	0.0001	0.0001	0.1355	99.9	99.9
16382.	82.5	-59.3	163.0	163.0	-88.8	1.	0.0001	0.0001	0.1344	99.9	99.9
16443.	81.7	-59.5	163.8	163.8	-88.9	1.	0.0001	0.0001	0.1332	99.9	99.9

SOUNDING 31.0
LATITUDE -61.9 LONGITUDE 2.4
DATE 15-DEC-81 TIME 2335 GMT
NUMBER OF LEVELS 253

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	981.0	-14.0	-12.6	-12.4	-15.9	64.	1.5288	1.2876	1.3200	10.0	12.0
54.	974.0	-14.1	-12.7	-12.6	-16.9	77.	1.3886	1.1743	1.3110	10.0	11.9
108.	967.1	-14.4	-12.9	-12.8	-17.8	73.	1.2827	1.0867	1.3031	5.0	12.6
162.	960.2	-14.9	-13.4	-13.4	-18.4	72.	1.2263	1.0261	1.2963	2.0	13.2
217.	953.3	-15.5	-13.9	-13.8	-19.0	72.	1.1812	0.9730	1.2899	357.0	13.6
275.	946.0	-16.0	-14.4	-14.4	-19.2	74.	1.1197	0.9554	1.2825	355.0	13.8
329.	939.2	-16.6	-14.9	-14.8	-19.5	76.	1.0674	0.9289	1.2762	353.0	13.8
381.	932.7	-15.3	-13.1	-13.0	-22.2	62.	0.8395	0.7248	1.2608	351.0	13.8
432.	926.4	-14.3	-8.6	-8.5	-28.2	26.	0.4603	0.4071	1.2472	350.0	13.6
481.	920.5	-13.5	-7.3	-7.3	-28.3	24.	0.4571	0.4044	1.2354	348.0	13.5
529.	914.7	-12.9	-6.2	-6.1	-28.6	22.	0.4425	0.3920	1.2248	347.0	13.2
581.	908.4	-12.6	-5.4	-5.3	-29.7	19.	0.3927	0.3496	1.2149	347.0	13.0
633.	902.2	-12.4	-4.6	-4.6	-31.2	16.	0.3367	0.3016	1.2056	346.0	12.7
687.	895.9	-12.2	-3.9	-3.8	-32.3	14.	0.3000	0.2698	1.1963	346.0	12.5
742.	889.5	-12.0	-3.1	-3.1	-33.6	12.	0.2618	0.2368	1.1868	346.0	12.4
793.	883.5	-11.9	-2.5	-2.5	-35.2	10.	0.2201	0.2004	1.1783	346.0	12.0
844.	877.6	-11.8	-1.9	-1.8	-37.1	8.	0.1777	0.1631	1.1699	343.0	11.8
895.	871.9	-11.7	-1.3	-1.2	-38.3	7.	0.1569	0.1447	1.1617	341.0	11.6
948.	865.8	-11.7	-0.7	-0.7	-39.6	6.	0.1345	0.1248	1.1537	340.0	11.4
1004.	859.5	-11.9	-0.4	-0.3	-41.4	5.	0.1101	0.1029	1.1462	339.0	11.2
1060.	853.2	-12.1	0.0	0.0	-41.6	5.	0.1081	0.1011	1.1387	338.0	11.3
1114.	847.2	-12.2	0.5	0.5	-41.6	5.	0.1071	0.1003	1.1311	337.0	11.2
1164.	841.6	-12.3	0.9	0.9	-43.6	4.	0.0849	0.0802	1.1240	336.0	11.1
1213.	836.2	-12.5	1.2	1.2	-46.2	3.	0.0625	0.0597	1.1176	335.0	11.1
1259.	831.2	-12.7	1.4	1.4	-43.9	4.	0.0819	0.0774	1.1118	333.0	10.9
1310.	825.7	-13.1	1.5	1.5	-42.3	5.	0.0987	0.0927	1.1062	332.0	10.9
1359.	820.3	-13.6	1.5	1.5	-39.8	7.	0.1321	0.1226	1.1011	331.0	10.9
1408.	815.1	-13.9	1.7	1.7	-38.8	8.	0.1468	0.1358	1.0954	331.0	10.9
1456.	809.9	-14.1	2.0	2.0	-37.0	10.	0.1802	0.1654	1.0893	331.0	11.1
1502.	805.0	-14.3	2.2	2.2	-35.5	12.	0.2123	0.1936	1.0836	331.0	11.2
1549.	800.0	-14.5	2.5	2.6	-34.3	14.	0.2432	0.2206	1.0777	331.0	11.4
1602.	794.4	-14.8	2.8	2.8	-32.7	17.	0.2873	0.2589	1.0714	331.0	11.6
1653.	789.1	-15.1	3.0	3.0	-29.3	25.	0.4109	0.3651	1.0656	331.0	11.7
1703.	783.9	-15.3	3.3	3.3	-26.5	34.	0.5486	0.4819	1.0595	331.0	11.8
1753.	778.7	-14.9	4.2	4.3	-23.5	44.	0.7366	0.6394	1.0510	331.0	11.9
1803.	773.6	-14.4	5.3	5.4	-20.9	54.	0.9466	0.8132	1.0423	330.0	12.1
1853.	768.5	-13.7	6.6	6.7	-18.5	64.	1.1961	1.0178	1.0329	331.0	12.2
1906.	763.1	-13.7	7.1	7.3	-18.0	67.	1.2522	1.0634	1.0257	330.0	12.2
1959.	757.8	-13.8	7.6	7.8	-18.0	68.	1.2593	1.0692	1.0189	330.0	12.5
2011.	752.6	-14.1	7.8	8.0	-18.1	69.	1.2432	1.0561	1.0131	329.0	12.5
2063.	747.5	-14.4	8.0	8.2	-18.1	71.	1.2444	1.0571	1.0074	328.0	12.3
2116.	742.3	-14.9	8.0	8.2	-18.4	72.	1.2352	1.0252	1.0023	327.0	12.1
2169.	737.1	-15.3	8.2	8.3	-18.7	73.	1.1776	1.0027	0.9968	327.0	12.1
2222.	732.1	-15.6	8.4	8.6	-18.7	75.	1.1767	1.0019	0.9912	325.0	11.8
2274.	726.9	-15.7	8.9	9.0	-18.8	75.	1.1658	0.9930	0.9846	324.0	11.8
2329.	721.6	-15.8	9.9	10.1	-18.2	76.	1.2259	1.0421	0.9759	322.0	11.8
2388.	716.0	-15.0	10.8	11.0	-17.9	76.	1.2604	1.0701	0.9673	320.0	11.7
2443.	710.8	-14.6	11.7	11.9	-17.7	76.	1.2838	1.0891	0.9595	318.0	11.5
2498.	705.6	-14.9	12.1	12.3	-18.0	75.	1.2552	1.0659	0.9529	317.0	11.4
2550.	700.8	-15.0	12.6	12.8	-18.1	75.	1.2437	1.0565	0.9467	315.0	11.3
2602.	696.0	-15.2	12.9	13.1	-18.1	76.	1.2372	1.0512	0.9410	312.0	11.3
2655.	691.1	-15.4	13.3	13.5	-18.3	76.	1.2145	1.0327	0.9351	310.0	11.3
2712.	685.9	-15.7	13.6	13.8	-18.5	77.	1.1967	1.0182	0.9291	308.0	11.3
2769.	680.7	-15.9	14.0	14.2	-18.7	77.	1.1747	1.0002	0.9228	307.0	11.4
2824.	675.8	-16.1	14.3	14.5	-18.9	77.	1.1530	0.9826	0.9168	305.0	11.4
2877.	671.0	-16.3	14.7	14.9	-19.1	77.	1.1317	0.9652	0.9110	304.0	11.5
2931.	666.2	-16.5	15.1	15.3	-19.3	77.	1.1108	0.9480	0.9052	302.0	11.6
2984.	661.5	-16.8	15.3	15.5	-19.6	77.	1.0801	0.9229	0.8999	301.0	11.6
3034.	657.1	-17.0	15.6	15.8	-19.8	77.	1.0600	0.9064	0.8946	300.0	11.6
3085.	652.6	-17.2	16.0	16.2	-20.1	76.	1.0268	0.8792	0.8891	298.0	11.7
3135.	648.3	-17.4	16.3	16.5	-20.3	76.	1.0077	0.8635	0.8839	297.0	11.9
3184.	644.1	-17.6	16.6	16.8	-20.6	75.	0.9758	0.8373	0.8789	297.0	12.0
3236.	639.6	-17.9	16.9	17.0	-21.1	74.	0.9360	0.8045	0.8737	296.0	12.1
3286.	635.3	-18.2	17.1	17.2	-21.3	74.	0.9098	0.7829	0.8688	295.0	12.4
3339.	630.8	-18.4	17.4	17.6	-21.5	74.	0.8927	0.7688	0.8634	294.0	12.4
3390.	626.5	-18.6	17.8	17.9	-21.7	74.	0.8759	0.7549	0.8581	293.0	12.5
3441.	622.2	-18.9	18.0	18.2	-22.0	74.	0.8513	0.7345	0.8532	293.0	12.7
3492.	618.0	-19.1	18.3	18.5	-22.2	74.	0.8352	0.7212	0.8481	292.0	12.7
3541.	613.9	-19.3	18.7	18.8	-22.6	73.	0.8084	0.6990	0.8432	291.0	12.9
3589.	610.0	-19.6	18.8	19.0	-22.8	73.	0.7855	0.6800	0.8388	291.0	13.2
3640.	605.8	-19.9	19.1	19.2	-23.1	73.	0.7633	0.6615	0.8340	291.0	13.3
3695.	601.3	-20.1	19.5	19.6	-23.5	72.	0.7385	0.6409	0.8284	290.0	13.4
3753.	596.6	-20.4	19.8	19.9	-23.9	71.	0.7079	0.6151	0.8229	290.0	13.5
3810.	592.0	-20.7	20.1	20.2	-24.2	71.	0.6873	0.5983	0.8175	290.0	13.6
3866.	587.5	-21.1	20.3	20.4	-24.6	71.	0.6613	0.5765	0.8126	290.0	13.7
3923.	583.0	-21.5	20.4	20.5	-25.1	70.	0.6272	0.5479	0.8076	289.0	13.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3982.	576.5	-21.9	20.6	20.7	-25.7	68.	0.5046	0.5206	0.6026	289.0	13.6
4036.	574.1	-22.2	20.8	20.9	-26.2	68.	0.4844	0.4994	0.7978	289.0	13.9
4092.	569.7	-22.7	21.0	21.1	-26.6	68.	0.4650	0.4762	0.7929	288.0	14.0
4145.	565.6	-23.1	21.1	21.2	-27.1	67.	0.4534	0.4521	0.7884	288.0	14.1
4198.	561.5	-23.6	21.1	21.2	-27.7	66.	0.4414	0.4259	0.7843	286.0	14.1
4252.	557.4	-24.0	21.3	21.4	-28.1	66.	0.4307	0.4092	0.7798	287.0	14.1
4306.	553.3	-24.3	21.5	21.6	-28.7	64.	0.4155	0.3861	0.7749	286.0	14.2
4360.	549.2	-24.6	21.6	21.6	-28.2	63.	0.4161	0.3695	0.7701	286.0	14.1
4414.	545.1	-25.1	21.8	21.9	-29.6	63.	0.3959	0.3522	0.7659	285.0	14.2
4470.	540.9	-25.5	22.0	22.1	-30.0	63.	0.3802	0.3389	0.7612	284.0	14.2
4525.	536.8	-25.9	22.2	22.3	-30.4	63.	0.3653	0.3261	0.7566	283.0	14.2
4579.	532.8	-26.3	22.3	22.4	-30.8	63.	0.3509	0.3137	0.7522	282.0	14.3
4635.	528.7	-26.7	22.5	22.6	-31.2	63.	0.3370	0.3018	0.7476	281.0	14.2
4687.	524.9	-27.1	22.6	22.7	-31.7	62.	0.3185	0.2858	0.7434	280.0	14.4
4741.	521.0	-27.5	22.8	22.8	-32.1	62.	0.3057	0.2748	0.7391	279.0	14.3
4793.	517.2	-27.9	23.0	23.1	-32.5	61.	0.2917	0.2627	0.7346	277.0	14.4
4843.	513.6	-28.2	23.1	23.2	-33.1	60.	0.2754	0.2486	0.7307	277.0	14.5
4895.	509.9	-28.5	23.4	23.5	-33.5	59.	0.2626	0.2375	0.7263	276.0	14.5
4944.	506.4	-28.8	23.6	23.7	-33.8	59.	0.2547	0.2306	0.7222	275.0	14.7
4994.	502.6	-29.1	24.1	24.2	-34.1	58.	0.2474	0.2246	0.7171	275.0	14.8
5051.	498.9	-29.4	24.4	24.4	-34.5	57.	0.2361	0.2144	0.7126	274.0	14.9
5104.	495.2	-29.7	24.4	24.5	-35.0	57.	0.2242	0.2039	0.7088	274.0	15.0
5156.	491.6	-30.1	24.5	24.6	-35.2	58.	0.2188	0.1993	0.7048	273.0	15.1
5206.	488.1	-30.5	24.7	24.7	-35.8	57.	0.2065	0.1883	0.7009	273.0	15.1
5257.	484.6	-31.0	24.7	24.7	-36.2	57.	0.1957	0.1792	0.6973	273.0	15.2
5307.	481.2	-31.5	24.8	24.7	-36.7	57.	0.1857	0.1702	0.6939	273.0	15.2
5357.	477.8	-31.9	24.8	24.8	-37.1	57.	0.1780	0.1634	0.6901	273.0	15.3
5409.	474.3	-32.4	24.8	24.8	-37.4	58.	0.1718	0.1579	0.6865	274.0	15.4
5460.	470.9	-32.8	24.9	24.9	-38.0	57.	0.1618	0.1491	0.6827	274.0	15.4
5509.	467.6	-33.1	25.1	25.1	-38.3	57.	0.1567	0.1446	0.6787	274.0	15.4
5560.	464.2	-33.5	25.2	25.3	-38.8	56.	0.1475	0.1364	0.6749	274.0	15.3
5610.	460.9	-33.9	25.3	25.4	-39.3	55.	0.1388	0.1286	0.6712	274.0	15.2
5660.	457.6	-34.3	25.5	25.5	-39.7	55.	0.1329	0.1234	0.6675	274.0	15.2
5711.	454.3	-34.7	25.6	25.6	-40.3	54.	0.1250	0.1163	0.6638	274.0	15.1
5760.	451.1	-35.2	25.5	25.6	-40.9	53.	0.1162	0.1084	0.6605	274.0	15.0
5811.	447.8	-35.6	25.7	25.7	-41.3	53.	0.1113	0.1040	0.6568	273.0	15.0
5861.	444.6	-35.7	26.2	26.2	-41.5	52.	0.1080	0.1010	0.6524	273.0	14.9
5913.	441.3	-36.0	26.4	26.4	-42.0	51.	0.1025	0.0961	0.6483	273.0	14.7
5960.	438.3	-36.5	26.4	26.4	-42.5	51.	0.0970	0.0911	0.6453	273.0	14.6
6014.	434.9	-36.9	26.5	26.6	-42.9	51.	0.0928	0.0874	0.6414	273.0	14.5
6063.	431.8	-37.3	26.6	26.7	-43.4	50.	0.0871	0.0821	0.6379	273.0	14.4
6113.	428.7	-37.7	26.7	26.8	-43.8	50.	0.0833	0.0787	0.6344	273.0	14.3
6164.	425.5	-38.1	26.9	26.9	-44.0	51.	0.0813	0.0769	0.6307	273.0	14.3
6213.	422.5	-38.4	27.1	27.1	-44.4	50.	0.0771	0.0730	0.6270	273.0	14.2
6265.	419.3	-38.8	27.2	27.3	-44.8	50.	0.0737	0.0699	0.6234	274.0	14.2
6316.	416.2	-39.1	27.5	27.5	-45.1	50.	0.0713	0.0677	0.6195	274.0	14.2
6365.	413.2	-39.3	27.9	27.9	-45.5	49.	0.0683	0.0650	0.6156	274.0	14.2
6415.	410.2	-39.5	28.2	28.2	-45.8	48.	0.0654	0.0623	0.6116	275.0	14.3
6463.	407.3	-39.8	28.4	28.5	-46.3	47.	0.0619	0.0591	0.6081	275.0	14.3
6514.	404.3	-40.1	28.7	28.7	-46.6	47.	0.0598	0.0572	0.6044	275.0	14.5
6565.	401.3	-40.5	28.8	28.8	-47.1	46.	0.0560	0.0537	0.6009	276.0	14.6
6612.	398.5	-41.0	28.8	28.8	-47.8	45.	0.0517	0.0497	0.5980	276.0	14.7
6663.	395.5	-41.5	28.8	28.8	-48.3	45.	0.0488	0.0471	0.5948	276.0	14.7
6717.	392.4	-41.9	28.9	28.9	-48.8	44.	0.0456	0.0441	0.5912	276.0	14.8
6765.	389.6	-42.4	28.9	28.9	-49.3	44.	0.0431	0.0417	0.5882	276.0	14.9
6815.	386.7	-42.8	29.0	29.0	-49.7	44.	0.0411	0.0399	0.5848	276.0	15.0
6866.	383.8	-43.2	29.1	29.1	-50.0	44.	0.0392	0.0381	0.5815	276.0	15.1
6919.	380.8	-43.5	29.3	29.3	-50.4	44.	0.0375	0.0364	0.5779	276.0	15.3
6974.	377.7	-44.0	29.5	29.5	-51.0	43.	0.0349	0.0341	0.5742	277.0	15.4
7025.	374.8	-44.4	29.6	29.6	-51.4	43.	0.0333	0.0326	0.5708	276.0	15.4
7077.	371.9	-44.8	29.8	29.8	-51.9	42.	0.0311	0.0304	0.5674	277.0	15.5
7127.	369.1	-45.2	29.9	29.9	-52.5	41.	0.0289	0.0284	0.5641	276.0	15.4
7178.	366.3	-45.7	29.9	29.9	-53.2	40.	0.0266	0.0262	0.5610	276.0	15.2
7227.	363.6	-46.2	29.8	29.8	-53.8	39.	0.0244	0.0241	0.5581	276.0	15.2
7277.	360.9	-46.7	29.8	29.8	-54.3	39.	0.0230	0.0228	0.5552	275.0	15.1
7328.	358.1	-47.2	29.8	29.8	-54.8	39.	0.0217	0.0215	0.5521	275.0	15.2
7384.	355.1	-47.7	29.9	29.9	-55.4	38.	0.0199	0.0198	0.5487	275.0	15.2
7438.	352.2	-48.2	29.9	29.9	-55.9	38.	0.0187	0.0186	0.5454	275.0	15.2
7492.	349.3	-48.7	30.0	30.0	-56.4	38.	0.0176	0.0176	0.5422	274.0	15.2
7545.	346.5	-49.2	30.0	30.0	-56.8	38.	0.0165	0.0166	0.5390	274.0	15.2
7594.	343.9	-49.6	30.1	30.1	-57.4	37.	0.0153	0.0154	0.5359	274.0	15.3
7642.	341.4	-50.0	30.2	30.2	-58.0	36.	0.0142	0.0143	0.5330	274.0	15.3
7686.	339.1	-50.4	30.2	30.2	-58.6	35.	0.0131	0.0133	0.5303	274.0	15.4
7734.	336.6	-50.8	30.3	30.3	-58.9	35.	0.0125	0.0127	0.5274	274.0	15.6
7784.	334.0	-51.2	30.4	30.4	-59.3	35.	0.0119	0.0121	0.5242	274.0	15.7
7835.	331.4	-51.6	30.6	30.6	-59.9	34.	0.0110	0.0112	0.5211	273.0	15.8
7884.	328.9	-51.9	30.8	30.8	-60.2	34.	0.0106	0.0108	0.5179	273.0	16.0
7935.	326.3	-52.1	31.2	31.2	-60.3	34.	0.0103	0.0105	0.5142	273.0	16.2
7985.	323.8	-52.5	31.3	31.3	-60.9	33.	0.0095	0.0097	0.5112	272.0	16.4
8033.	321.4	-53.1	31.2	31.2	-61.7	32.	0.0086	0.0088	0.5088	272.0	16.7
8081.	319.0	-53.6	31.1	31.1	-62.4	31.	0.0078	0.0080	0.5062	272.0	17.0
8131.	316.5	-54.0	31.2	31.3	-62.8	31.	0.0074	0.0076	0.5031	272.0	17.4
8182.	314.0	-54.5	31.2	31.2	-63.5	30.	0.0067	0.0069	0.5003	273.0	17.7
8235.	311.4	-55.0	31.3	31.3	-63.9	30.	0.0063	0.0065	0.4973	272.0	18.0
8289.	308.8	-55.5	31.3	31.3	-64.4	30.	0.0059	0.0061	0.4943	273.0	18.4
8340.	306.3	-56.0	31.3	31.3	-65.1	29.	0.0053	0.0056	0.4914	273.0	18.6
8390.	303.9	-56.4	31.4	31.4	-65.5	29.	0.0051	0.0053	0.4884	273.0	18.9
8444.	301.3	-56.8	31.6	31.6	-66.1	28.	0.0046	0.0049	0.4851	273.0	19.1
8497.	298.8	-57.2	31.8	31.8	-66.4	28.	0.0044	0.0046	0.4820	274.0	19.3
8552.	296.2	-57.6	32.0	32.0	-66.8	28.	0.0042	0.0044	0.4787	274.0	19.4
8603.	293.8	-57.9	32.3	32.3	-67.1	28.	0.0040	0.0042	0.4755	274.0	19.6
8657.	291.3	-58.1	32.7	32.7	-67.3	28.	0.0039	0.0041	0.4719	273.0	19.7
8709.	288.9	-58.5	32.9	32.9	-67.6	28.	0.0037	0.0039	0.4689	273.0	19.7
8761.	286.5	-59.0	32.9	32.9	-68.3	27.	0.0033	0.0035	0.4661	273.0	19.8
8816.	284.0	-59.5	32.9	32.9	-69.0	26.	0.0030	0.0032	0.4631	273.0	19.8
8869.	281.6	-59.9	33.1	33.1	-69.4	26.	0.0029	0.0030	0.4600	272.0	19.7
8920.	279.3	-60.3	33.2	33.2	-70.0	25.	0.0026	0.0028	0.4571	272.0	19.7
8972.	277.0	-60.6	33.3	33.3	-70.5	25.	0.0024	0.0026	0.4544	271.0	19.6
9021.	274.8	-61.3	33.2	33.2	-70.9	25.	0.0023	0.0024	0.4519	271.0	19.6
9071.	272.6	-61.8	33.2	33.2	-71.7	24.	0.0020	0.0022	0.4493	270.0	19.5
9121.	270.4	-62.2	33.3	33.3	-72.0	24.	0.0019	0.0021	0.4465	270.0	19.5
9173.	268.1	-62.6	33.5	33.5	-72.4	24.	0.0018	0.0020	0.4436	270.0	19.6
9226.	265.8	-63.1	33.5	33.5	-72.9	24.	0.0017	0.0018	0.4408	270.0	19.6
9277.	263.6	-63.6	33.7	33.7	-73.5	23.	0.0015	0.0017	0.4380	269.0	19.8
9331.	261.3	-64.0	33.7	33.7	-73.9	23.	0.0014	0.0016	0.4352	269.0	20.0
9380.	259.2	-64.4	33.8	33.8	-74.3	23.	0.0014	0.0015	0.4326	269.0	20.3
9435.	256.9	-64.9	33.9	33.9	-74.8	23.	0.0013	0.0014	0.4297	268.0	20.6
9492.	254.5	-65.4	34.0	34.0	-75.2	23.	0.0012	0.0013	0.4268	268.0	21.0
9552.	252.0	-65.8	34.2	34.2	-75.6	23.	0.0011	0.0012	0.4234	268.0	21.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9610.	249.6	-66.4	34.2	34.2	-76.4	22.	0.0010	0.0011	0.4206	268.0	21.9
9668.	247.2	-66.9	34.3	34.3	-76.9	22.	0.0009	0.0010	0.4175	267.0	22.3
9727.	244.8	-67.4	34.4	34.4	-77.3	22.	0.0008	0.0009	0.4145	267.0	22.9
9791.	242.2	-68.0	34.4	34.4	-78.1	21.	0.0007	0.0008	0.4113	267.0	23.3
9853.	239.7	-68.6	34.4	34.4	-79.0	20.	0.0006	0.0007	0.4082	268.0	23.8
9918.	237.1	-69.2	34.5	34.5	-79.5	20.	0.0006	0.0007	0.4050	267.0	24.2
9981.	234.6	-69.7	34.7	34.7	-80.0	20.	0.0005	0.0006	0.4017	267.0	24.7
10045.	232.1	-70.1	35.0	35.0	-80.3	20.	0.0005	0.0006	0.3982	267.0	24.8
10109.	229.6	-70.6	35.2	35.2	-81.1	19.	0.0005	0.0005	0.3949	266.0	25.0
10176.	227.0	-71.2	35.3	35.3	-81.6	19.	0.0004	0.0005	0.3916	267.0	25.2
10242.	224.5	-71.7	35.5	35.5	-82.1	19.	0.0004	0.0004	0.3882	266.0	25.3
10305.	222.1	-72.2	35.7	35.7	-82.9	18.	0.0003	0.0004	0.3850	267.0	25.4
10369.	219.7	-72.8	35.7	35.7	-83.4	18.	0.0003	0.0004	0.3820	268.0	25.4
10436.	217.2	-73.1	36.3	36.3	-83.7	18.	0.0003	0.0003	0.3782	268.0	25.2
10501.	214.8	-73.4	36.8	36.8	-84.3	17.	0.0003	0.0003	0.3746	267.0	24.9
10566.	212.4	-73.7	37.3	37.3	-84.5	17.	0.0003	0.0003	0.3710	266.0	24.6
10632.	210.0	-73.9	38.0	36.0	-84.7	17.	0.0002	0.0003	0.3672	266.0	24.2
10699.	207.6	-74.1	38.7	38.7	-84.9	17.	0.0002	0.0003	0.3633	265.0	23.9
10767.	205.2	-73.7	40.4	40.4	-84.2	18.	0.0003	0.0003	0.3584	265.0	23.7
10833.	202.9	-73.3	42.0	42.0	-84.2	17.	0.0003	0.0003	0.3537	264.0	23.2
10902.	200.5	-72.8	43.9	43.9	-83.7	17.	0.0003	0.0003	0.3486	264.0	22.9
10967.	198.3	-72.3	45.7	45.7	-82.9	18.	0.0003	0.0004	0.3439	263.0	22.6
11033.	196.1	-72.4	46.5	46.5	-83.0	18.	0.0003	0.0004	0.3403	263.0	22.5
11096.	194.0	-72.4	47.5	47.5	-83.4	17.	0.0003	0.0004	0.3366	263.0	22.4
11157.	192.0	-72.4	48.5	48.5	-83.4	17.	0.0003	0.0004	0.3332	262.0	22.1
11218.	190.0	-72.5	49.3	49.3	-83.5	17.	0.0003	0.0003	0.3299	261.0	22.0
11280.	188.0	-72.5	50.3	50.3	-83.5	17.	0.0003	0.0003	0.3264	261.0	21.9
11343.	186.0	-72.5	51.2	51.3	-83.5	17.	0.0003	0.0003	0.3229	261.0	21.9
11400.	184.2	-72.3	52.5	52.5	-83.3	17.	0.0003	0.0004	0.3195	260.0	21.9
11457.	182.4	-72.3	53.4	53.4	-83.3	17.	0.0003	0.0004	0.3164	259.0	21.9
11516.	180.6	-72.0	54.8	54.8	-83.0	17.	0.0003	0.0004	0.3128	259.0	21.9
11565.	179.1	-71.7	56.1	56.1	-82.7	17.	0.0003	0.0004	0.3097	258.0	21.8
11618.	177.5	-71.5	57.3	57.3	-82.6	17.	0.0004	0.0004	0.3066	258.0	21.8
11668.	176.0	-71.4	58.2	58.2	-82.5	17.	0.0004	0.0004	0.3039	257.0	21.8
11718.	174.5	-71.3	59.2	59.2	-82.4	17.	0.0004	0.0004	0.3012	257.0	21.9
11769.	173.0	-71.0	60.5	60.5	-82.1	17.	0.0004	0.0004	0.2981	256.0	21.9
11817.	171.6	-70.8	61.6	61.6	-81.9	17.	0.0004	0.0004	0.2954	255.0	21.8
11866.	170.2	-70.6	62.7	62.7	-81.8	17.	0.0004	0.0005	0.2927	255.0	21.9
11915.	168.8	-70.4	63.9	63.9	-81.9	16.	0.0004	0.0004	0.2900	255.0	21.8
11968.	167.3	-70.2	65.1	65.1	-81.8	16.	0.0004	0.0005	0.2872	254.0	21.8
12017.	165.9	-70.1	66.0	66.0	-81.7	16.	0.0004	0.0005	0.2846	253.0	21.6
12068.	164.5	-69.8	67.4	67.4	-81.4	16.	0.0004	0.0005	0.2818	254.0	21.6
12115.	163.2	-69.6	68.1	68.1	-81.4	16.	0.0004	0.0005	0.2796	253.0	21.4
12163.	161.9	-69.4	68.7	68.7	-81.9	15.	0.0004	0.0005	0.2775	253.0	21.3
12216.	160.4	-69.2	69.6	69.6	-81.9	15.	0.0004	0.0005	0.2749	253.0	21.2
12274.	158.9	-69.0	70.6	70.6	-81.9	15.	0.0004	0.0005	0.2723	253.0	21.1
12326.	157.5	-70.0	71.3	71.3	-82.0	15.	0.0004	0.0004	0.2701	253.0	21.1
12383.	156.0	-70.2	71.9	71.9	-82.1	15.	0.0004	0.0004	0.2678	254.0	21.0
12436.	154.6	-70.3	72.6	72.6	-82.2	15.	0.0004	0.0004	0.2655	254.0	20.8
12487.	153.3	-70.3	73.4	73.4	-82.2	15.	0.0004	0.0004	0.2633	254.0	20.8
12537.	152.0	-70.3	74.3	74.3	-82.6	14.	0.0003	0.0004	0.2610	255.0	20.6
12588.	150.7	-70.4	75.3	75.3	-82.6	14.	0.0004	0.0004	0.2587	256.0	20.5
12635.	149.5	-70.3	75.9	75.9	-82.6	14.	0.0003	0.0004	0.2567	256.0	20.5
12683.	148.3	-70.3	76.7	76.7	-82.6	14.	0.0003	0.0004	0.2547	257.0	20.4
12727.	147.2	-70.2	77.6	77.6	-82.6	14.	0.0004	0.0004	0.2527	256.0	20.5
12776.	146.0	-70.2	78.5	78.5	-82.6	14.	0.0004	0.0004	0.2506	258.0	20.3
12821.	144.9	-70.3	79.1	79.1	-82.1	13.	0.0003	0.0004	0.2488	255.0	20.4
12862.	143.9	-69.4	80.4	80.4	-82.7	13.	0.0003	0.0004	0.2466	259.0	20.4
12906.	142.8	-69.4	82.1	82.1	-81.8	14.	0.0004	0.0005	0.2442	259.0	20.4
12949.	141.8	-69.6	83.5	83.5	-81.5	14.	0.0004	0.0005	0.2420	259.0	20.5
12996.	140.7	-69.7	84.8	84.8	-81.2	14.	0.0004	0.0005	0.2397	259.0	20.5
13047.	139.5	-69.4	86.2	86.2	-81.0	14.	0.0005	0.0005	0.2373	259.0	20.4
13095.	138.4	-69.4	87.5	87.5	-81.0	14.	0.0005	0.0005	0.2355	259.0	20.3
13142.	137.3	-69.5	87.7	87.7	-81.5	13.	0.0004	0.0005	0.2337	259.0	20.3
13190.	136.2	-69.8	88.0	88.0	-81.8	13.	0.0004	0.0005	0.2322	260.0	20.4

SOUNDING 32.9
LATITUDE -62.1 LONGITUDE 2.4
DATE 10-31-81 TIME 1151 GMT
NUMBER OF LEVELS 367

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	964.7	-2.7	0.1	0.6	-4.2	88.	4.3147	3.4763	1.2461	40.0	8.0
49.	958.8	-3.3	-0.0	0.5	-3.3	100.	4.6613	3.7429	1.2415	40.0	7.9
102.	952.3	-3.6	0.2	0.7	-3.6	100.	4.5445	3.6531	1.2344	37.0	6.8
157.	945.7	-3.8	0.6	1.0	-3.8	100.	4.4481	3.5944	1.2267	24.0	6.2
207.	939.7	-3.9	0.9	1.4	-3.9	100.	4.4302	3.5053	1.2194	15.0	5.6
260.	933.5	-4.1	1.2	1.7	-4.1	100.	4.3556	3.5078	1.2122	8.0	5.3
315.	927.0	-4.3	1.4	1.9	-4.5	100.	4.2038	3.3954	1.2054	355.0	5.2
366.	921.0	-4.8	1.3	1.8	-4.9	100.	4.0685	3.2863	1.1992	346.0	4.9
419.	914.8	-5.2	1.7	2.2	-5.2	100.	3.9453	3.2066	1.1931	338.0	4.7
466.	909.3	-5.6	1.8	2.3	-5.6	100.	3.8446	3.1286	1.1866	333.0	4.6
518.	903.3	-5.9	2.4	2.9	-5.9	100.	3.8445	3.1286	1.1788	327.0	4.6
571.	897.2	-5.6	3.8	3.3	-5.6	100.	3.8314	3.1029	1.1713	324.0	4.6
625.	891.0	-5.9	4.1	3.5	-5.9	100.	3.7337	3.0272	1.1644	322.0	4.5
678.	885.0	-6.3	3.2	3.6	-6.3	100.	3.6771	2.9289	1.1583	320.0	4.5
731.	879.0	-6.4	3.4	3.6	-6.4	100.	3.5147	2.8571	1.1516	320.0	4.4
782.	873.2	-6.6	3.8	4.0	-6.6	100.	3.4285	2.7869	1.1454	317.0	4.3
837.	867.1	-7.1	4.2	4.4	-7.1	100.	3.3655	2.7409	1.1381	315.0	4.1
894.	861.1	-7.5	4.1	4.5	-7.5	100.	3.2933	2.6511	1.1315	315.0	4.0
953.	854.3	-7.8	4.4	4.8	-7.8	100.	3.1663	2.5855	1.1241	313.0	4.1
1014.	847.6	-8.2	4.4	4.8	-8.2	100.	3.0474	2.5004	1.1169	309.0	3.9
1073.	841.2	-8.6	4.4	5.0	-8.6	100.	2.9519	2.4178	1.1101	308.0	3.9
1132.	834.8	-8.9	5.1	5.4	-8.9	100.	2.8750	2.3574	1.1029	307.0	3.9
1190.	828.6	-9.1	5.5	5.6	-9.1	100.	2.8247	2.3179	1.0955	302.0	3.8
1250.	822.1	-9.4	5.7	6.1	-9.4	100.	2.7578	2.2599	1.0881	300.0	3.5
1311.	815.7	-9.7	6.1	6.4	-9.7	100.	2.6747	2.2031	1.0808	297.0	3.4
1371.	809.4	-10.2	6.4	6.7	-10.2	100.	2.6083	2.1477	1.0736	294.0	3.4
1431.	803.4	-10.7	6.7	7.5	-11.4	88.	2.5142	2.0735	1.0666	293.0	3.3
1486.	797.8	-11.0	7.2	7.7	-11.8	88.	2.4231	2.0015	1.0599	293.0	3.2
1542.	792.0	-10.9	7.7	7.8	-11.2	97.	2.3345	1.9317	1.0525	292.0	3.4
1612.	784.4	-11.2	7.6	7.8	-11.5	97.	2.2735	1.8827	1.0450	291.0	3.5
1666.	779.2	-11.6	7.7	8.0	-11.8	97.	2.1929	1.8190	1.0394	289.0	3.6
1717.	773.5	-11.9	8.0	8.3	-12.2	97.	2.1344	1.7726	1.0332	291.0	3.5
1778.	767.7	-12.1	8.4	8.7	-12.7	96.	2.1176	1.7594	1.0262	290.0	3.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1833.	762.0	-12.0	8.9	9.2	-12.4	98.	2.0988	1.7442	1.0190	293.0	3.6
1890.	756.5	-12.2	9.4	9.7	-12.6	97.	2.0586	1.7122	1.0117	293.0	3.8
1949.	750.5	-12.5	9.8	10.1	-12.8	97.	2.0217	1.6828	1.0047	291.0	3.7
2005.	745.0	-12.9	9.9	10.2	-13.2	97.	1.9897	1.6253	0.9989	287.0	3.5
2063.	739.4	-13.2	10.2	10.5	-13.6	96.	1.8776	1.5678	0.9924	285.0	3.6
2116.	734.2	-13.5	10.5	10.7	-14.1	95.	1.8079	1.5120	0.9866	285.0	3.6
2169.	729.1	-13.7	10.8	11.1	-14.4	94.	1.7565	1.4708	0.9804	285.0	3.7
2226.	723.7	-13.9	11.2	11.4	-14.7	93.	1.7063	1.4305	0.9739	285.0	3.8
2282.	718.3	-14.2	11.5	11.7	-15.0	93.	1.6603	1.3933	0.9677	283.0	3.8
2339.	713.0	-14.4	11.8	12.1	-15.3	92.	1.6123	1.3549	0.9613	282.0	3.9
2394.	707.8	-14.5	12.3	12.6	-15.6	90.	1.5628	1.3150	0.9546	282.0	3.8
2449.	702.7	-14.9	12.5	12.7	-16.2	89.	1.4895	1.2559	0.9491	277.0	3.6
2507.	697.3	-15.2	12.9	13.2	-16.5	88.	1.4496	1.2230	0.9429	277.0	3.7
2569.	691.6	-15.6	13.2	13.5	-16.9	86.	1.3961	1.1807	0.9366	269.0	3.7
2619.	687.0	-16.0	13.1	13.3	-17.1	86.	1.3603	1.1513	0.9318	265.0	3.6
2672.	682.2	-16.3	13.3	13.6	-17.5	89.	1.3082	1.1089	0.9264	260.0	3.7
2726.	677.3	-16.7	13.5	13.7	-18.1	88.	1.2460	1.0584	0.9211	257.0	3.8
2784.	672.1	-17.1	13.7	13.9	-18.6	87.	1.1868	1.0099	0.9154	255.0	3.8
2842.	666.9	-17.6	13.7	13.9	-19.1	87.	1.1321	0.9654	0.9101	254.0	3.9
2898.	661.9	-18.0	13.9	14.1	-19.6	86.	1.0776	0.9209	0.9046	255.0	4.0
2955.	656.9	-18.4	14.1	14.3	-20.0	86.	1.0376	0.8881	0.8992	254.0	4.2
3007.	652.3	-18.8	14.2	14.4	-20.5	85.	0.9873	0.8467	0.8942	256.0	4.4
3064.	647.3	-19.2	14.4	14.6	-20.9	85.	0.9504	0.8164	0.8888	255.0	4.5
3122.	642.3	-19.6	14.6	14.7	-21.3	85.	0.9148	0.7870	0.8833	256.0	4.8
3178.	637.4	-20.0	14.8	14.9	-21.8	84.	0.8780	0.7500	0.8779	260.0	5.0
3234.	632.6	-20.4	14.9	15.1	-22.3	83.	0.8272	0.7146	0.8726	261.0	5.3
3289.	627.9	-20.9	15.0	15.1	-23.1	81.	0.7693	0.6665	0.8678	262.0	5.6
3348.	622.9	-21.4	15.0	15.2	-23.7	80.	0.7239	0.6287	0.8626	263.0	5.9
3405.	618.1	-21.8	15.2	15.3	-24.1	80.	0.6962	0.6057	0.8573	261.0	6.2
3462.	613.3	-22.2	15.4	15.5	-24.3	81.	0.6780	0.5904	0.8520	259.0	6.5
3518.	608.7	-22.6	15.6	15.7	-24.6	82.	0.6600	0.5754	0.8469	258.0	6.7
3584.	603.2	-23.1	15.7	15.9	-25.0	83.	0.6368	0.5553	0.8409	256.0	7.1
3649.	597.9	-23.4	16.1	16.2	-25.3	83.	0.6175	0.5398	0.8345	256.0	7.3
3709.	593.0	-23.7	16.5	16.6	-25.5	84.	0.6067	0.5307	0.8287	257.0	7.6
3768.	588.2	-23.9	16.9	17.0	-25.5	85.	0.6019	0.5267	0.8226	258.0	7.8
3825.	583.6	-24.0	17.4	17.5	-25.4	87.	0.6100	0.5335	0.8165	258.0	8.0
3881.	579.1	-24.3	17.7	17.8	-25.7	87.	0.5921	0.5185	0.8112	259.0	8.2
3939.	574.5	-24.7	17.9	18.0	-26.2	86.	0.5624	0.4935	0.8060	259.0	8.3
3997.	570.0	-25.1	18.1	18.2	-27.0	83.	0.5216	0.4590	0.8010	258.0	8.2
4052.	565.8	-25.5	18.3	18.3	-27.6	81.	0.4890	0.4315	0.7963	257.0	8.4
4105.	561.5	-25.8	18.5	18.6	-28.1	79.	0.4628	0.4093	0.7912	257.0	8.4
4165.	556.9	-26.1	18.9	19.0	-28.5	78.	0.4433	0.3927	0.7857	257.0	8.3
4221.	552.6	-26.4	19.2	19.2	-29.0	77.	0.4246	0.3768	0.7805	258.0	8.2
4278.	548.2	-26.7	19.5	19.5	-29.3	77.	0.4119	0.3659	0.7753	259.0	8.1
4340.	543.5	-27.2	19.6	19.7	-29.9	76.	0.3964	0.3442	0.7701	257.0	7.9
4401.	538.9	-27.6	19.9	19.9	-30.3	76.	0.3710	0.3310	0.7649	258.0	7.6
4462.	534.4	-28.0	20.0	20.1	-30.8	75.	0.3515	0.3142	0.7597	259.0	7.5
4518.	530.2	-28.5	20.2	20.2	-31.4	74.	0.3294	0.2953	0.7553	258.0	7.2
4570.	526.4	-28.9	20.2	20.3	-32.0	72.	0.3076	0.2764	0.7511	254.0	6.8
4624.	522.4	-29.3	20.4	20.5	-32.7	70.	0.2870	0.2586	0.7466	254.0	6.7
4683.	518.1	-29.8	20.6	20.5	-33.3	68.	0.2686	0.2426	0.7419	259.0	6.4
4742.	513.6	-30.3	20.6	20.6	-33.8	69.	0.2555	0.2308	0.7373	254.0	4.2
4802.	509.5	-30.8	20.7	20.7	-34.4	68.	0.2395	0.2164	0.7326	257.0	5.0
4865.	505.0	-31.3	20.6	20.9	-34.9	68.	0.2263	0.2058	0.7276	254.0	5.6
4926.	500.6	-31.8	20.9	21.0	-35.4	68.	0.2147	0.1956	0.7228	251.0	6.1
4984.	496.5	-32.3	21.0	21.1	-35.9	68.	0.2036	0.1859	0.7183	251.0	5.8
5041.	492.5	-32.7	21.2	21.3	-36.4	67.	0.1923	0.1760	0.7137	252.0	4.8
5097.	488.6	-33.1	21.4	21.4	-36.9	66.	0.1815	0.1665	0.7092	255.0	4.5
5155.	484.6	-33.5	21.6	21.6	-37.3	66.	0.1739	0.1598	0.7046	255.0	4.3
5216.	480.4	-34.0	21.7	21.7	-37.8	66.	0.1648	0.1517	0.6999	252.0	4.1
5278.	476.1	-34.4	21.8	21.8	-38.4	66.	0.1545	0.1426	0.6954	255.0	3.8
5337.	472.1	-35.1	21.8	21.8	-39.0	65.	0.1441	0.1334	0.6910	267.0	3.7
5393.	468.3	-35.7	22.0	22.0	-39.6	63.	0.1357	0.1267	0.6868	270.0	3.6
5447.	464.7	-35.7	22.4	22.4	-40.1	61.	0.1267	0.1173	0.6819	271.0	3.5
5504.	460.9	-36.3	22.3	22.4	-40.9	60.	0.1167	0.1089	0.6780	275.0	3.3
5558.	457.3	-36.8	22.4	22.4	-41.5	59.	0.1096	0.1016	0.6741	280.0	3.2
5616.	453.5	-37.2	22.6	22.6	-42.0	58.	0.1022	0.0958	0.6696	288.0	3.3
5674.	449.7	-37.6	22.8	22.8	-42.4	58.	0.0977	0.0918	0.6652	294.0	3.4
5729.	446.1	-37.9	23.1	23.1	-42.7	58.	0.0945	0.0888	0.6607	295.0	3.2
5782.	442.7	-38.2	23.3	23.3	-42.9	58.	0.0920	0.0866	0.6568	296.0	3.1
5835.	439.3	-38.7	23.4	23.4	-43.6	58.	0.0865	0.0816	0.6528	299.0	3.0
5888.	435.9	-39.2	23.4	23.4	-44.2	56.	0.0798	0.0747	0.6491	299.0	3.0
5943.	432.4	-39.6	23.6	23.6	-44.8	55.	0.0741	0.0703	0.6450	302.0	2.8
6002.	428.7	-40.0	23.8	23.8	-45.5	53.	0.0683	0.0655	0.6406	305.0	2.8
6061.	425.0	-40.5	23.9	23.8	-46.4	50.	0.0608	0.0580	0.6364	305.0	2.8
6117.	421.5	-41.1	23.9	23.9	-47.5	47.	0.0534	0.0513	0.6328	313.0	2.8
6173.	418.0	-41.5	23.9	23.9	-48.3	47.	0.0504	0.0485	0.6288	312.0	2.8
6228.	414.6	-42.1	24.0	24.0	-48.8	46.	0.0461	0.0450	0.6251	315.0	2.8
6287.	411.0	-42.7	24.0	23.9	-49.2	46.	0.0435	0.0421	0.6213	316.0	2.8
6348.	407.2	-43.2	24.1	24.1	-49.7	46.	0.0410	0.0398	0.6171	319.0	2.8
6411.	403.5	-43.7	24.2	24.2	-50.3	45.	0.0379	0.0368	0.6126	321.0	2.8
6471.	399.9	-44.3	24.2	24.2	-51.3	43.	0.0337	0.0329	0.6088	320.0	2.9
6528.	396.5	-44.8	24.3	24.3	-52.1	41.	0.0303	0.0297	0.6049	329.0	2.9
6584.	393.2	-45.3	24.3	24.3	-52.8	40.	0.0275	0.0274	0.6012	333.0	2.9
6640.	389.9	-45.7	24.5	24.5	-53.4	39.	0.0255	0.0256	0.5972	336.0	2.9
6698.	386.5	-46.2	24.6	24.6	-53.8	38.	0.0241	0.0241	0.5928	341.0	3.0
6753.	383.3	-46.6	24.8	24.8	-54.5	37.	0.0224	0.0222	0.5892	343.0	3.1
6809.	380.1	-47.1	24.9	24.9	-55.1	37.	0.0207	0.0207	0.5856	346.0	3.3
6866.	376.8	-47.7	24.9	24.8	-55.4	36.	0.0196	0.0194	0.5822	350.0	3.5
6922.	373.6	-48.2	24.9	24.9	-55.7	36.	0.0185	0.0181	0.5786	350.0	3.7
6977.	370.4	-48.8	25.1	25.1	-56.1	35.	0.0174	0.0182	0.5746	350.0	3.9
7034.	367.3	-49.2	25.2	25.2	-56.6	34.	0.0166	0.0166	0.5714	350.0	4.1
7086.	364.4	-49.6	25.4	25.4	-57.4	34.	0.0154	0.0154	0.5684	349.0	4.3
7142.	361.4	-50.0	25.4	25.4	-57.8	33.	0.0145	0.0145	0.5650	349.0	4.4
7196.	358.6	-50.4	25.4	25.4	-58.1	33.	0.0137	0.0141	0.5618	348.0	4.7
7247.	355.5	-51.4	25.4	25.4	-58.2	32.	0.0126	0.0127	0.5585	347.0	4.7
7324.	352.4	-51.7	25.5	25.5	-58.5	32.	0.0121	0.0123	0.5544	347.0	4.7
7359.	349.4	-52.1	25.6	25.6	-58.5	32.	0.0118	0.0120	0.5506	347.0	4.7
7413.	346.5	-52.4	25.6	25.6	-58.6	32.	0.0114	0.0116	0.5468	347.0	4.7
7471.	343.4	-52.9	25.7	25.7	-58.8	32.	0.0104	0.0104	0.5432	347.0	4.7
7531.	340.2	-53.5	25.7	25.7	-60.6	31.	0.0097	0.0094	0.5396	347.0	4.7
7587.	337.1	-54.0	25.8	25.8	-61.1	30.	0.0089	0.0085	0.5360	347.0	4.7
7647.	334.1	-54.4	25.8	25.8	-61.4	30.	0.0081	0.0083	0.5321	347.0	4.7
7702.	331.2	-54.6	26.0	26.0	-61.7	30.	0.0080	0.0080	0.5284	346.0	4.7
7762.	328.1	-55.2	26.0	26.0	-62.1	30.	0.0074	0.0074	0.5244	346.0	4.7
7823.	325.0	-55.7	26.0	26.0	-62.5	30.	0.0069	0.0069	0.5207	346.0	4.7
7884.	321.9	-56.2	26.2	26.2	-63.2	30.	0.0063	0.0063	0.5169	347.0	4.7
7947.	318.7	-56.7	26.3	26.3	-63.6	30.	0.0058	0.0058	0.5128	347.0	4.7
8013.	315.4	-57.3	26.4	26.4	-64.1	30.	0.0053	0.0053	0.5090	348.0	4.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11710.	1[illegible]	-64.1	1.5	1[illegible]	-91.4	1.	0.0001	0.0001	0.2586	248.0	21.4
11[illegible]	[illegible]	-64.1	1.6	1[illegible]	-91.4	1.	0.0001	0.0001	0.2571	248.0	21.5
12[illegible]	12[illegible]	-64.1	1.6	1[illegible]	-91.4	1.	0.0001	0.0001	0.2555	248.0	21.7
12[illegible]	12[illegible]	-64.1	1.7	1[illegible]	-91.4	1.	0.0001	0.0001	0.2538	248.0	21.8
12[illegible]	12[illegible]	-64.1	1.8	1[illegible]	-91.4	1.	0.0001	0.0001	0.2520	248.0	21.9
13[illegible]	12[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.2501	250.0	22.1
13[illegible]	12[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1981	250.0	22.3
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1967	250.0	22.4
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1951	251.0	22.6
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1936	251.0	22.7
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1918	250.0	22.9
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1902	250.0	23.1
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1887	250.0	23.2
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1871	251.0	23.4
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1855	250.0	23.6
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1840	251.0	23.7
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1822	251.0	24.1
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1805	251.0	24.3
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1788	251.0	24.6
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1775	251.0	24.8
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1762	251.0	25.0
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1748	251.0	25.2
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1733	252.0	25.5
14[illegible]	11[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1717	252.0	25.7
14943.	10[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1701	253.0	25.9
14987.	10[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1686	253.0	26.0
15032.	10[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1672	254.0	26.2
15077.	10[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1657	254.0	26.3
15122.	10[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1642	255.0	26.5
15168.	10[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1628	255.0	26.6
15268.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1614	256.0	26.8
15319.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1598	256.0	26.8
15377.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1581	257.0	26.8
15427.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1567	258.0	26.9
15481.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1553	258.0	27.0
15534.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1537	258.0	27.0
15588.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1523	259.0	27.0
15647.	9[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1509	259.0	27.1
15702.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1495	259.0	27.2
15758.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1481	259.0	27.2
15815.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1466	260.0	27.3
15871.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1451	260.0	27.3
15917.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1439	260.0	27.2
15974.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1426	260.0	27.3
16031.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1413	260.0	27.3
16089.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1401	260.0	27.4
16139.	8[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1389	260.0	27.4
16199.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1376	260.0	27.5
16259.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1363	260.0	27.6
16324.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1351	260.0	27.6
16385.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1338	260.0	27.8
16448.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1323	260.0	27.9
16488.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1310	260.0	28.2
16543.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1297	259.0	28.4
16554.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1285	259.0	28.6
16554.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1272	259.0	28.9
16710.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1260	261.0	29.1
16767.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1248	259.0	29.4
16826.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1236	259.0	29.8
16890.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1225	259.0	30.1
16949.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1217	259.0	30.3
16999.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1204	259.0	30.6
17060.	7[illegible]	-63.7	1[illegible]	1[illegible]	-91.1	1.	0.0001	0.0001	0.1191	260.0	30.9
17118.	7[illegible]	-59.1	1[illegible]	1[illegible]	-89.1	1.	0.0001	0.0001	0.1177	260.0	31.2
17171.	7[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1163	260.0	31.4
17224.	7[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1153	260.0	31.6
17276.	7[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1142	260.0	31.8
17340.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1132	260.0	32.0
17407.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1120	260.0	32.1
17466.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1110	259.0	32.3
17526.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1100	259.0	32.3
17577.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1090	259.0	32.5
17635.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1080	259.0	32.6
17701.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1069	259.0	32.6
17758.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1059	259.0	32.7
17819.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1050	259.0	32.8
17877.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1040	259.0	32.9
17944.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1029	258.0	33.0
18004.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1020	258.0	33.1
18064.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1010	259.0	33.2
18124.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.1001	258.0	33.3
18187.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0990	259.0	33.5
18247.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0982	259.0	33.6
18307.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0972	259.0	33.7
18367.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0962	259.0	33.8
18427.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0953	259.0	34.0
18487.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0942	259.0	34.1
18547.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0933	259.0	34.3
18607.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0924	259.0	34.4
18667.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0915	259.0	34.5
18727.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0906	259.0	34.7
18787.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0897	259.0	34.8
18847.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0889	260.0	35.1
18907.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0879	260.0	35.2
18967.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0870	260.0	35.4
19027.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0861	261.0	35.6
19087.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0852	261.0	35.7
19147.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0843	261.0	35.9
19207.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0834	262.0	36.1
19267.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0826	262.0	36.3
19327.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0820	262.0	36.4
19387.	6[illegible]	-59.3	1[illegible]	1[illegible]	-89.3	1.	0.0001	0.0001	0.0812	263.0	36.6
19417.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0824	263.0	36.6
19441.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0796	263.0	37.0
19557.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0790	264.0	37.1
19597.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0782	264.0	37.3
19647.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0774	262.0	37.8
19715.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0768	263.0	38.0
19772.	6[illegible]	-57.7	2[illegible]	2[illegible]	-87.7	1.	0.0002	0.0002	0.0759	264.0	38.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
19836.	46.7	-56.9	245.7	245.7	-87.0	1.	0.0002	0.0002	0.0752	99.9	99.9
19890.	46.3	-56.7	247.4	247.4	-86.9	1.	0.0002	0.0002	0.0745	99.9	99.9
19959.	45.8	-56.6	249.5	249.5	-86.7	1.	0.0002	0.0002	0.0736	99.9	99.9
20015.	45.4	-56.4	251.1	251.1	-86.6	1.	0.0002	0.0002	0.0730	99.9	99.9
20071.	45.0	-56.3	252.7	252.7	-86.6	1.	0.0002	0.0002	0.0723	99.9	99.9
20127.	44.6	-56.1	254.5	254.5	-86.4	1.	0.0002	0.0002	0.0716	99.9	99.9
20185.	44.2	-55.9	256.3	256.3	-86.3	1.	0.0002	0.0002	0.0709	99.9	99.9

SOUNDING 33.0
LATITUDE -62.1 LONGITUDE 2.4
DATE 10-31-81 TIME 1654 GMT
NUMBER OF LEVELS 209

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	963.9	-2.7	0.2	0.6	-4.2	88.	4.3146	3.4763	1.2951	40.0	8.0
55.	957.2	-3.2	0.2	0.6	-4.7	88.	4.1367	3.3390	1.2886	40.0	7.9
113.	950.2	-3.7	0.3	0.7	-5.2	88.	3.9654	3.2067	1.2317	34.0	5.8
175.	942.6	-4.3	0.3	0.7	-5.8	88.	3.7685	3.0542	1.2247	96.0	4.2
236.	935.5	-4.8	0.4	0.8	-6.3	88.	3.6112	2.9321	1.2174	10.0	2.9
296.	928.4	-5.3	0.4	0.9	-6.8	88.	3.4599	2.8145	1.2103	341.0	2.2
352.	921.7	-5.7	0.6	1.0	-7.2	88.	3.3431	2.7236	1.2033	309.0	2.2
412.	914.7	-6.1	0.6	1.2	-7.6	88.	3.2299	2.6352	1.1958	285.0	2.5
469.	908.1	-6.4	1.0	1.4	-7.9	88.	3.1473	2.5707	1.1885	271.0	3.2
527.	901.3	-6.6	1.4	1.8	-8.1	89.	3.0932	2.5284	1.1805	266.0	3.7
584.	894.8	-6.9	1.7	2.0	-8.4	88.	3.0136	2.4663	1.1732	261.0	4.1
644.	887.9	-7.3	1.9	2.2	-8.8	88.	2.9108	2.3856	1.1659	259.0	4.4
709.	880.5	-7.6	2.2	2.6	-9.1	88.	2.8357	2.3266	1.1579	257.0	4.6
764.	874.3	-8.0	2.4	2.7	-9.5	88.	2.7383	2.2501	1.1509	256.0	4.7
817.	868.4	-8.4	2.5	2.8	-9.8	88.	2.6490	2.1758	1.1448	256.0	4.6
867.	862.7	-8.5	2.6	2.9	-10.2	88.	2.5526	2.1038	1.1390	256.0	4.5
919.	857.0	-8.7	3.0	3.5	-10.1	88.	2.5751	2.1216	1.1310	253.0	4.6
969.	851.5	-8.6	3.6	4.1	-10.0	88.	2.5978	2.1394	1.1234	253.0	4.6
1021.	845.8	-8.7	4.3	4.6	-10.1	88.	2.5750	2.1215	1.1163	252.0	4.7
1076.	839.8	-8.9	4.6	4.9	-10.3	88.	2.5300	2.0860	1.1092	249.0	4.7
1129.	834.0	-9.1	5.0	5.3	-10.5	88.	2.4858	2.0518	1.1023	249.0	4.7
1179.	828.6	-9.3	5.3	5.6	-10.7	88.	2.4422	2.0166	1.0960	247.0	4.7
1233.	822.9	-9.4	5.7	6.0	-10.8	87.	2.4207	1.9996	1.0889	249.0	4.7
1284.	817.4	-9.5	6.1	6.4	-10.9	88.	2.3944	1.9827	1.0820	248.0	4.8
1342.	811.3	-9.7	6.5	6.8	-11.1	88.	2.3572	1.9493	1.0747	246.0	4.8
1399.	805.3	-10.0	6.8	7.1	-11.4	88.	2.2953	1.9003	1.0680	248.0	4.8
1458.	799.2	-10.4	7.0	7.3	-11.8	88.	2.2150	1.8366	1.0614	248.0	4.9
1513.	793.5	-10.6	7.3	7.6	-12.0	88.	2.1758	1.8055	1.0546	250.0	5.0
1565.	788.1	-10.8	7.7	8.0	-12.2	88.	2.1373	1.7749	1.0482	251.0	4.9
1621.	782.4	-10.9	8.1	8.4	-12.3	88.	2.1132	1.7597	1.0411	252.0	5.0
1682.	776.2	-11.4	8.5	8.8	-12.8	88.	2.0254	1.6858	1.0347	252.0	5.0
1739.	770.5	-11.9	8.7	8.6	-13.3	88.	1.9363	1.6147	1.0290	253.0	5.2
1795.	764.8	-12.4	8.4	8.6	-13.8	88.	1.8509	1.5464	1.0233	255.0	5.2
1846.	759.5	-12.9	8.5	8.7	-14.2	88.	1.7856	1.4936	1.0177	255.0	5.1
1903.	754.1	-13.2	8.8	8.9	-14.6	88.	1.7213	1.4425	1.0120	255.0	5.1
1957.	748.7	-13.6	9.4	9.7	-14.4	88.	1.7526	1.4678	1.0049	256.0	5.2
2009.	743.6	-13.0	10.0	10.2	-14.4	88.	1.7529	1.4678	0.9972	257.0	5.2
2060.	738.7	-13.2	10.3	10.5	-14.6	88.	1.7211	1.4424	0.9914	256.0	5.3
2109.	733.9	-13.5	10.5	10.7	-14.9	88.	1.6747	1.4051	0.9860	256.0	5.3
2163.	728.7	-13.7	10.8	11.1	-15.1	88.	1.6444	1.3807	0.9798	256.0	5.3
2216.	723.6	-13.9	11.2	11.4	-15.3	88.	1.6146	1.3567	0.9737	256.0	5.4
2272.	718.3	-14.0	11.7	11.9	-15.4	88.	1.5838	1.3449	0.9669	256.0	5.4
2326.	713.3	-14.3	11.9	12.2	-15.7	88.	1.5564	1.3099	0.9613	254.0	5.5
2378.	708.3	-14.7	12.1	12.3	-16.1	88.	1.5302	1.2645	0.9560	253.0	5.5
2431.	703.4	-15.0	12.1	12.3	-16.6	88.	1.4826	1.2098	0.9511	251.0	5.6
2485.	698.4	-15.7	12.1	12.3	-17.1	88.	1.3677	1.1573	0.9462	249.0	5.7
2544.	693.0	-16.1	12.3	12.5	-17.5	88.	1.3178	1.1168	0.9402	246.0	5.8
2592.	688.5	-16.5	12.4	12.6	-17.9	88.	1.2696	1.0776	0.9356	244.0	5.8
2646.	683.6	-16.9	12.6	12.8	-18.2	88.	1.2345	1.0490	0.9300	241.0	5.9
2705.	678.4	-17.5	12.9	13.0	-18.6	88.	1.1885	1.0120	0.9243	239.0	6.1
2757.	673.5	-17.8	13.1	13.2	-18.9	88.	1.1561	0.9855	0.9187	238.0	6.2
2815.	668.5	-17.7	13.4	13.6	-18.0	88.	1.1344	0.9673	0.9126	238.0	6.4
2868.	663.6	-18.1	13.7	13.9	-19.3	88.	1.1027	0.9414	0.9079	237.0	6.5
2924.	658.6	-18.3	14.0	14.2	-19.6	88.	1.0718	0.9161	0.9012	236.0	6.7
2982.	653.5	-18.6	14.2	14.5	-19.9	88.	1.0418	0.8915	0.8952	235.0	7.1
3035.	648.6	-18.8	14.4	14.7	-20.3	88.	1.0028	0.8595	0.8899	234.0	7.4
3084.	643.7	-19.4	14.7	14.9	-20.7	88.	0.9667	0.8287	0.8845	234.0	7.5
3152.	638.7	-19.9	14.7	14.9	-21.2	88.	0.9252	0.7915	0.8794	232.0	7.6
3210.	633.7	-20.2	14.9	15.2	-21.6	88.	0.8898	0.7629	0.8738	232.0	8.1
3265.	628.7	-20.6	15.2	15.3	-21.9	88.	0.8613	0.7425	0.8680	231.0	8.1
3330.	623.5	-20.8	15.7	15.8	-22.1	88.	0.8436	0.7284	0.8614	231.0	8.1
3388.	618.6	-21.1	16.1	16.1	-22.4	88.	0.8197	0.7084	0.8557	231.0	8.1
3443.	613.7	-21.5	16.1	16.3	-22.8	88.	0.7885	0.6825	0.8506	231.0	8.1
3495.	608.8	-21.8	16.3	16.5	-23.1	88.	0.7654	0.6637	0.8460	231.0	8.1
3546.	603.5	-22.1	16.5	16.7	-23.4	88.	0.7471	0.6493	0.8408	230.0	10.3
3602.	598.4	-22.5	16.7	16.9	-23.8	88.	0.7197	0.6275	0.8358	230.0	10.3
3656.	593.3	-22.8	16.9	17.2	-24.2	88.	0.6977	0.6096	0.8307	230.0	10.3
3712.	588.2	-23.2	17.1	17.4	-24.6	88.	0.6712	0.5864	0.8259	230.0	10.3
3764.	583.2	-23.7	17.3	17.6	-25.1	88.	0.6450	0.5655	0.8213	230.0	10.3
3819.	578.3	-24.1	17.4	17.8	-25.4	88.	0.6219	0.5343	0.8164	230.0	10.3
3877.	573.3	-24.5	17.6	17.9	-25.8	88.	0.5971	0.5143	0.8117	229.0	11.1
3927.	568.4	-24.9	17.7	17.8	-26.2	88.	0.5742	0.4959	0.8070	229.0	11.1
3975.	563.5	-25.2	17.9	18.1	-26.6	88.	0.5545	0.4800	0.8026	229.0	11.1
4025.	558.6	-25.6	18.1	18.3	-26.9	88.	0.5362	0.4628	0.7984	229.0	11.1
4076.	553.6	-26.0	18.1	18.3	-27.4	88.	0.5155	0.4456	0.7940	229.0	11.1
4126.	548.8	-26.4	18.3	18.5	-27.7	88.	0.4953	0.4283	0.7893	230.0	11.1
4183.	543.7	-26.9	18.4	18.6	-28.1	88.	0.4750	0.4128	0.7848	230.0	11.1
4236.	538.4	-27.1	18.7	18.9	-28.4	88.	0.4597	0.4001	0.7797	230.0	11.1
4296.	533.6	-27.5	18.9	19.0	-28.7	88.	0.4430	0.3848	0.7745	230.0	11.1
4354.	528.7	-27.7	19.1	19.1	-29.1	88.	0.4266	0.3708	0.7698	230.0	11.1
4409.	523.8	-28.4	19.1	19.2	-29.6	88.	0.4098	0.3559	0.7655	230.0	11.1
4462.	518.7	-28.7	19.1	19.2	-30.0	88.	0.3950	0.3432	0.7615	230.0	11.1
4516.	513.5	-29.0	19.3	19.4	-30.4	88.	0.3798	0.3299	0.7568	230.0	11.1
4577.	508.2	-29.3	19.4	19.5	-30.8	88.	0.3644	0.3165	0.7523	230.0	11.1
4634.	503.0	-30.0	19.4	19.5	-31.5	88.	0.3501	0.3040	0.7474	230.0	11.1
4685.	498.0	-30.7	19.7	19.7	-31.9	88.	0.3370	0.2926	0.7424	230.0	11.1
4752.	492.2	-31.1	19.9	19.9	-32.3	88.	0.3231	0.2805	0.7374	230.0	11.1
4808.	487.2	-31.5	20.1	20.1	-32.7	88.	0.3107	0.2698	0.7329	230.0	11.1
4864.	482.2	-32.0	20.4	20.4	-33.2	88.	0.2970	0.2578	0.7286	230.0	11.1
4923.	477.1	-32.5	20.6	20.7	-33.7	88.	0.2836	0.2461	0.7240	230.0	11.1
4983.	472.0	-32.9	20.8	20.9	-34.1	88.	0.2712	0.2354	0.7198	230.0	11.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5042.	491.6	-33.2	20.8	20.8	-34.4	88.	0.2394	0.2173	0.7139	239.0	8.4
5099.	487.6	-33.6	20.9	21.0	-34.8	88.	0.2294	0.2085	0.7093	239.0	8.1
5158.	483.5	-34.1	21.0	21.1	-35.3	88.	0.2174	0.1980	0.7048	237.0	7.8
5219.	479.3	-34.7	21.0	21.1	-35.9	88.	0.2037	0.1861	0.7004	237.0	7.5
5277.	475.3	-35.2	21.1	21.2	-36.4	88.	0.1930	0.1766	0.6960	236.0	7.3
5334.	471.4	-35.7	21.2	21.2	-36.9	88.	0.1828	0.1676	0.6918	235.0	7.1
5394.	467.4	-36.1	21.4	21.5	-37.3	88.	0.1749	0.1607	0.6870	234.0	6.9
5453.	463.4	-36.5	21.6	21.7	-37.7	88.	0.1674	0.1541	0.6823	234.0	6.5
5510.	459.6	-37.0	21.7	21.8	-38.2	88.	0.1585	0.1461	0.6781	235.0	6.3
5567.	455.8	-37.5	21.8	21.8	-38.6	88.	0.1499	0.1386	0.6739	234.0	6.0
5620.	452.3	-38.0	21.8	21.8	-39.1	88.	0.1419	0.1313	0.6702	234.0	5.8
5674.	448.8	-38.5	21.8	21.9	-39.6	88.	0.1342	0.1245	0.6664	233.0	5.5
5726.	445.4	-39.0	21.8	21.9	-40.1	88.	0.1269	0.1180	0.6628	232.0	5.4
5780.	441.9	-39.5	21.9	21.9	-40.6	88.	0.1199	0.1117	0.6590	232.0	5.2
5836.	438.3	-40.0	21.9	22.0	-41.1	88.	0.1133	0.1058	0.6550	230.0	5.1
5893.	434.6	-40.5	22.0	22.0	-41.6	88.	0.1071	0.1002	0.6509	230.0	4.8
5950.	431.0	-41.0	22.1	22.1	-42.1	88.	0.1012	0.0949	0.6468	230.0	4.7
6007.	427.4	-41.5	22.2	22.2	-42.6	88.	0.0955	0.0898	0.6428	232.0	4.6
6062.	423.9	-42.0	22.2	22.2	-43.1	88.	0.0902	0.0850	0.6389	232.0	4.4
6117.	420.5	-42.5	22.3	22.3	-43.6	88.	0.0851	0.0804	0.6352	234.0	4.3
6171.	417.1	-43.0	22.3	22.3	-44.1	88.	0.0803	0.0760	0.6314	233.0	4.2
6224.	413.6	-43.5	22.4	22.4	-44.6	88.	0.0758	0.0719	0.6275	233.0	4.1
6282.	410.0	-44.0	22.4	22.4	-45.1	88.	0.0715	0.0679	0.6238	233.0	4.0
6337.	406.9	-44.6	22.3	22.3	-45.7	88.	0.0666	0.0635	0.6203	232.0	3.9
6393.	403.5	-45.1	22.4	22.4	-46.2	88.	0.0628	0.0600	0.6164	232.0	3.8
6451.	400.0	-45.6	22.5	22.5	-46.7	88.	0.0592	0.0566	0.6124	234.0	3.7
6510.	396.5	-46.1	22.6	22.6	-47.2	88.	0.0558	0.0535	0.6084	236.0	3.5
6569.	393.0	-46.6	22.7	22.7	-47.7	88.	0.0525	0.0505	0.6044	236.0	3.3
6624.	389.7	-47.1	22.7	22.7	-48.2	88.	0.0495	0.0476	0.6006	237.0	3.2
6679.	386.5	-47.6	22.8	22.8	-48.7	88.	0.0466	0.0450	0.5970	237.0	3.1
6735.	383.2	-48.1	22.8	22.8	-49.1	88.	0.0438	0.0424	0.5932	240.0	2.9
6792.	379.9	-48.6	22.9	22.9	-49.6	88.	0.0412	0.0400	0.5894	237.0	2.7
6851.	376.5	-49.1	23.0	23.0	-50.1	88.	0.0388	0.0377	0.5854	240.0	2.5
6912.	373.0	-49.7	23.0	23.0	-50.7	88.	0.0360	0.0351	0.5815	241.0	2.4
6972.	369.6	-50.2	23.1	23.1	-51.2	88.	0.0339	0.0331	0.5775	240.0	2.1
7032.	366.2	-50.7	23.2	23.2	-51.7	88.	0.0318	0.0312	0.5735	241.0	2.0
7089.	363.0	-51.3	23.2	23.2	-52.3	89.	0.0296	0.0290	0.5700	241.0	1.8
7148.	359.7	-51.8	23.3	23.3	-52.8	88.	0.0278	0.0273	0.5661	242.0	1.7
7206.	356.5	-52.4	23.4	23.4	-53.4	88.	0.0257	0.0254	0.5626	244.0	1.5
7262.	353.4	-52.9	23.5	23.5	-53.9	88.	0.0242	0.0238	0.5590	244.0	1.3
7313.	350.6	-53.4	23.4	23.5	-54.4	88.	0.0227	0.0225	0.5558	248.0	1.3
7365.	347.9	-53.9	23.5	23.5	-54.9	88.	0.0213	0.0211	0.5528	244.0	1.1
7413.	345.2	-54.5	23.1	23.1	-55.5	88.	0.0197	0.0196	0.5500	246.0	1.2
7459.	342.7	-54.9	23.3	23.3	-55.8	88.	0.0189	0.0189	0.5468	251.0	1.1
7504.	340.3	-55.1	23.6	23.6	-56.1	88.	0.0182	0.0182	0.5437	248.0	1.2
7549.	337.9	-55.4	23.7	23.7	-56.4	88.	0.0175	0.0175	0.5406	244.0	1.3
7593.	335.6	-55.6	24.0	24.0	-56.6	88.	0.0171	0.0171	0.5374	234.0	1.5
7638.	333.2	-55.9	24.2	24.2	-56.9	88.	0.0164	0.0165	0.5343	225.0	1.8
7682.	330.9	-56.1	24.5	24.5	-57.1	88.	0.0160	0.0160	0.5311	229.0	2.1
7726.	328.6	-56.3	24.8	24.9	-57.3	88.	0.0156	0.0156	0.5279	225.0	2.5
7775.	326.1	-56.4	25.4	25.4	-57.4	88.	0.0154	0.0154	0.5241	230.0	2.7
7826.	323.5	-56.4	26.0	26.0	-57.4	88.	0.0154	0.0154	0.5199	233.0	3.2
7881.	320.7	-56.5	26.6	26.7	-57.5	88.	0.0152	0.0153	0.5157	234.0	3.6
7938.	317.8	-56.7	27.1	27.2	-57.7	88.	0.0148	0.0149	0.5115	254.0	4.0
7994.	315.2	-57.1	27.4	27.4	-58.1	88.	0.0140	0.0141	0.5079	234.0	4.5
8048.	312.3	-57.6	27.4	27.4	-58.6	88.	0.0131	0.0133	0.5047	234.0	5.0
8105.	309.5	-58.0	27.6	27.6	-59.0	88.	0.0125	0.0126	0.5011	230.0	5.5
8156.	307.0	-58.0	28.3	28.3	-59.0	88.	0.0125	0.0126	0.4971	225.0	6.2
8213.	304.4	-58.0	28.9	28.9	-59.0	88.	0.0125	0.0126	0.4929	223.0	6.7
8269.	302.0	-58.1	29.4	29.4	-59.1	88.	0.0125	0.0124	0.4892	222.0	7.3
8318.	299.6	-58.1	30.0	30.0	-59.1	88.	0.0125	0.0124	0.4853	221.0	7.7
8358.	297.8	-58.0	31.1	31.1	-59.0	88.	0.0125	0.0126	0.4814	221.0	8.1
8407.	295.0	-58.0	31.8	31.8	-59.0	88.	0.0125	0.0126	0.4777	221.0	8.5
8452.	292.9	-58.0	32.1	32.1	-59.0	88.	0.0121	0.0123	0.4747	221.0	9.0
8493.	291.0	-58.0	32.5	32.5	-59.0	88.	0.0120	0.0121	0.4718	221.0	9.3
8532.	289.2	-58.0	33.1	33.1	-59.0	88.	0.0120	0.0121	0.4689	222.0	9.6
8573.	287.3	-58.0	33.8	33.8	-59.0	88.	0.0121	0.0123	0.4656	222.0	9.9
8610.	285.6	-58.0	34.3	34.3	-59.0	88.	0.0121	0.0123	0.4629	223.0	10.1
8651.	283.7	-58.0	34.6	34.6	-59.0	88.	0.0118	0.0120	0.4604	224.0	10.3
8688.	282.1	-58.0	34.8	34.8	-59.0	88.	0.0117	0.0117	0.4581	225.0	10.5
8728.	280.3	-58.0	35.1	35.1	-59.0	88.	0.0112	0.0114	0.4556	229.0	10.5
8766.	278.6	-58.0	35.5	35.5	-59.0	88.	0.0110	0.0112	0.4528	229.0	10.3
8811.	276.6	-58.0	36.1	36.1	-59.0	88.	0.0110	0.0112	0.4497	232.0	10.2
8857.	274.6	-58.0	36.6	36.6	-59.0	88.	0.0109	0.0111	0.4467	233.0	10.4
8902.	272.6	-58.0	37.2	37.2	-59.0	88.	0.0109	0.0111	0.4435	232.0	10.6
8946.	270.7	-58.1	37.7	37.7	-59.1	88.	0.0106	0.0109	0.4406	233.0	10.8
8992.	268.7	-58.3	38.1	38.1	-59.3	88.	0.0105	0.0107	0.4377	233.0	11.0
9037.	266.8	-58.4	38.6	38.6	-59.4	88.	0.0103	0.0105	0.4348	232.0	11.1
9081.	264.9	-58.6	39.0	39.0	-59.6	88.	0.0101	0.0103	0.4321	232.0	11.3
9126.	263.0	-58.7	39.4	39.4	-59.6	88.	0.0101	0.0101	0.4292	232.0	11.5
9174.	261.0	-58.8	40.0	40.0	-59.7	88.	0.0100	0.0100	0.4262	233.0	11.6
9220.	259.1	-58.9	40.3	40.3	-59.9	88.	0.0098	0.0097	0.4235	233.0	11.9
9263.	257.3	-59.0	40.7	40.7	-60.1	88.	0.0095	0.0095	0.4209	233.0	12.1
9304.	255.6	-60.4	41.2	41.2	-61.2	88.	0.0092	0.0092	0.4185	232.0	12.3
9346.	253.9	-60.5	41.4	41.4	-61.4	88.	0.0091	0.0091	0.4159	232.0	12.6
9385.	252.4	-60.6	41.8	41.8	-61.5	88.	0.0090	0.0090	0.4137	231.0	12.8
9422.	250.8	-60.7	42.2	42.2	-61.6	88.	0.0087	0.0085	0.4113	232.0	13.1
9462.	249.2	-60.8	42.5	42.5	-61.8	88.	0.0084	0.0084	0.4090	232.0	13.4
9502.	247.6	-61.0	42.9	42.9	-61.9	88.	0.0083	0.0085	0.4066	232.0	13.7
9544.	245.9	-61.1	43.2	43.2	-61.9	88.	0.0083	0.0085	0.4038	233.0	13.9
9587.	244.2	-61.1	44.0	44.0	-62.0	88.	0.0084	0.0084	0.4012	234.0	14.1
9628.	242.6	-61.2	44.6	44.6	-62.2	88.	0.0084	0.0084	0.3986	234.0	14.3
9668.	241.0	-61.2	45.2	45.2	-62.2	88.	0.0084	0.0084	0.3959	235.0	14.4
9713.	239.2	-61.4	46.0	46.0	-62.4	88.	0.0085	0.0085	0.3928	234.0	14.6
9755.	237.7	-61.6	46.4	46.4	-61.7	88.	0.0086	0.0086	0.3900	235.0	14.9
9797.	236.1	-61.7	47.7	47.7	-61.6	88.	0.0087	0.0088	0.3871	236.0	15.0
9836.	234.6	-61.6	48.4	48.4	-61.5	88.	0.0086	0.0089	0.3845	236.0	15.2
9879.	233.0	-61.7	48.9	48.9	-61.6	88.	0.0087	0.0089	0.3821	237.0	15.3
9922.	231.4	-61.8	49.3	49.3	-61.8	88.	0.0084	0.0086	0.3798	238.0	15.6
9962.	229.9	-61.8	49.4	49.4	-62.1	88.	0.0081	0.0083	0.3779	238.0	15.8
10005.	228.1	-61.4	49.7	49.7	-62.3	88.	0.0078	0.0081	0.3756	240.0	15.8
10049.	226.7	-61.6	50.1	50.1	-62.5	88.	0.0077	0.0078	0.3733	240.0	16.0
10087.	225.3	-61.7	50.5	50.5	-62.6	88.	0.0075	0.0078	0.3710	241.0	16.2
10128.	223.8	-61.7	51.1	51.1	-62.6	88.	0.0075	0.0078	0.3687	242.0	16.3
10175.	222.2	-61.7	51.6	51.6	-62.6	88.	0.0075	0.0078	0.3661	242.0	16.6
10217.	220.6	-61.7	52.0	52.0	-62.6	88.	0.0075	0.0079	0.3634	243.0	16.8
10265.	219.0	-61.8	52.6	52.6	-62.8	88.	0.0073	0.0076	0.3610	243.0	16.9
10315.	217.2	-62.0	53.1	53.1	-63.1	88.	0.0071	0.0077	0.3587	244.0	17.2
10362.	215.6	-62.2	53.4	53.4	-63.4	88.	0.0070	0.0077	0.3564	244.0	17.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10407.	211.9	-60.8	53.6	53.6	-63.7	18.	0.0066	0.0067	0.3542	242.0	17.6
10448.	210.6	-63.0	53.9	53.9	-65.9	18.	0.0063	0.0065	0.3503	244.0	17.8
10488.	211.1	-63.1	54.4	54.4	-64.2	26.	0.0088	0.0064	0.3501	243.0	17.9
10523.	209.3	-63.1	54.2	54.2	-64.2	25.	0.0082	0.0064	0.3481	243.0	17.8
10564.	208.5	-63.2	55.7	55.7	-63.9	38.	0.0167	0.0069	0.3456	243.0	18.2
10603.	207.2	-62.4	56.5	56.5	-65.8	28.	0.0094	0.0066	0.3433	242.0	18.3
10645.	205.5	-62.6	57.2	57.3	-63.7	38.	0.0155	0.0067	0.3408	241.0	18.4
10687.	204.4	-62.7	58.1	58.1	-63.6	38.	0.0156	0.0066	0.3384	241.0	18.4
10729.	203.0	-62.8	58.5	58.5	-67.7	19.	0.0065	0.0067	0.3362	240.0	18.4

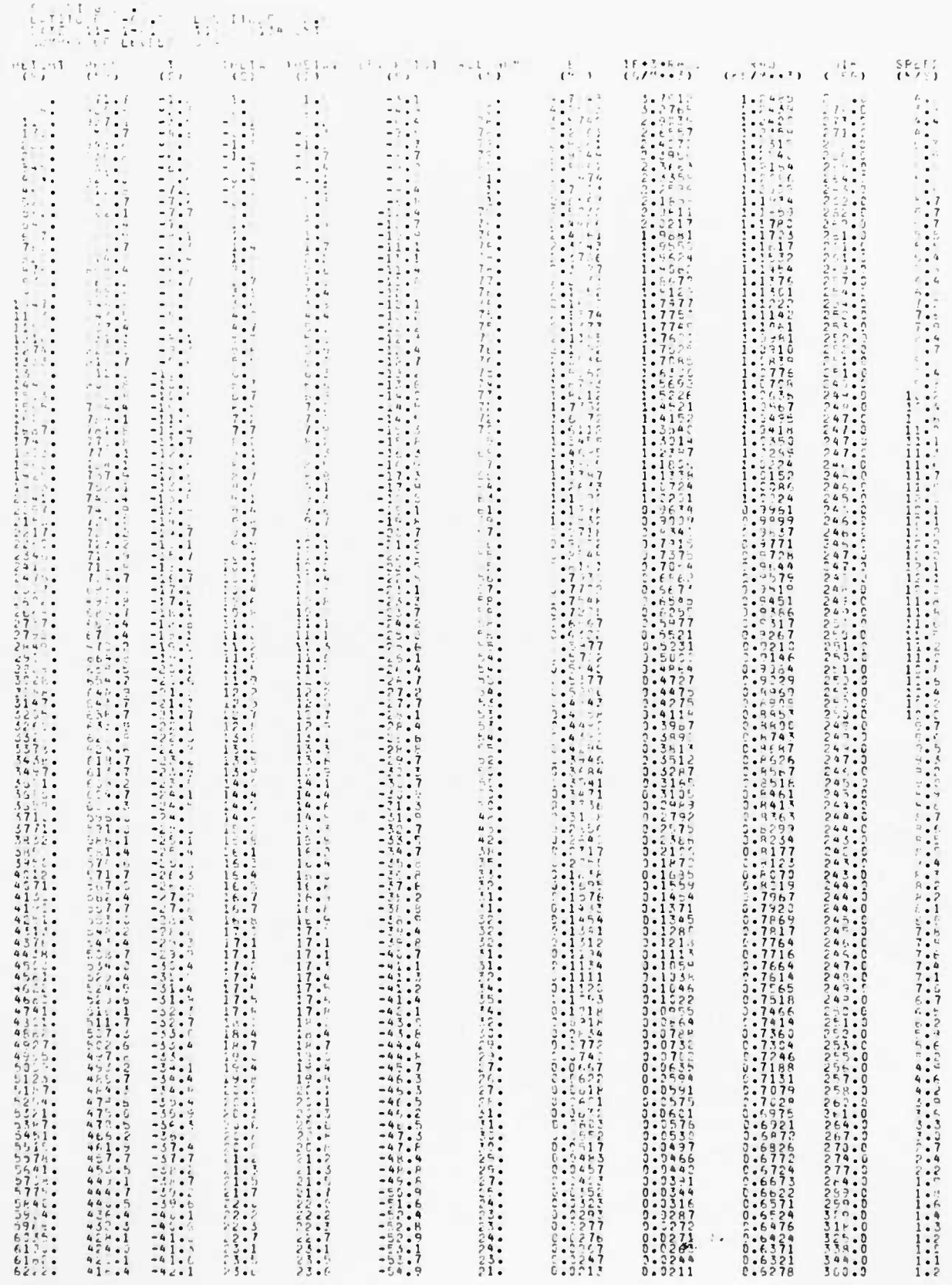
SOUNDING 34.1
LATITUDE -62.1 LONGITUDE 2.8
DATE 12-31-81 TIME 2335 GMT
NUMBER OF LEVELS 411

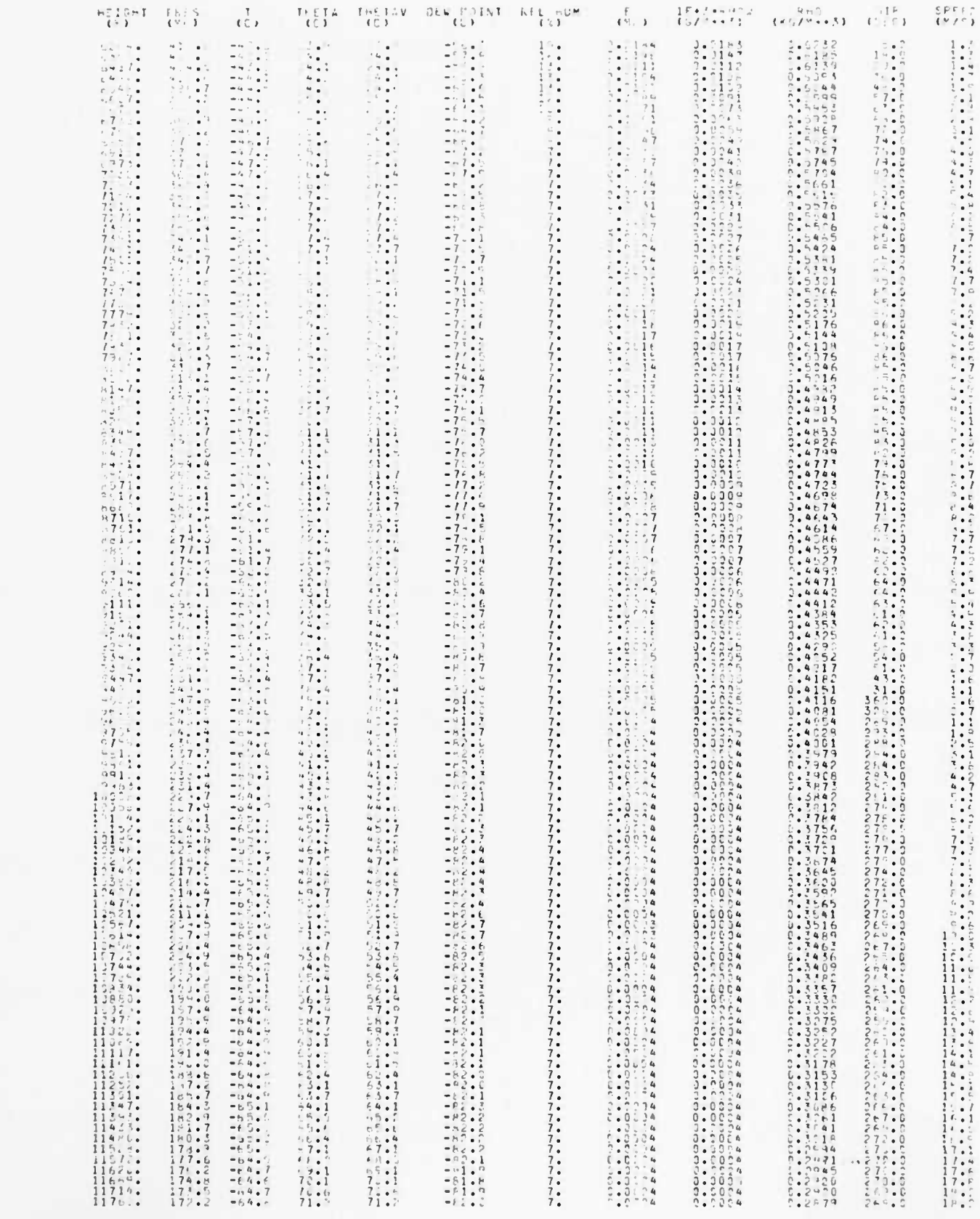
HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	968.2	-3.6	-1.1	-0.7	-5.5	85.	3.8671	3.1275	1.2544	40.0	1.2
70.	959.7	-4.1	-1.5	-0.9	-6.4	82.	3.5720	2.9017	1.2455	41.0	0.9
134.	951.3	-4.5	-0.6	-0.3	-7.0	81.	3.4103	2.7759	1.2363	290.0	0.6
200.	943.0	-4.7	-0.2	0.0	-7.0	82.	3.3839	2.7632	1.2265	270.0	1.7
274.	935.1	-4.9	0.3	0.7	-7.2	82.	3.3364	2.7187	1.2171	264.0	2.6
339.	927.3	-5.2	0.6	1.0	-7.8	80.	3.1724	2.5984	1.2082	260.0	3.4
403.	919.8	-5.5	1.0	1.3	-8.1	80.	3.0018	2.5273	1.1997	259.0	4.0
468.	912.2	-5.9	1.2	1.5	-8.6	80.	2.9872	2.4455	1.1915	259.0	4.5
533.	904.7	-6.2	1.5	1.8	-9.3	76.	2.7654	2.2714	1.1829	258.0	4.9
598.	897.2	-6.5	1.8	2.1	-10.7	70.	2.4605	2.0311	1.1746	257.0	5.2
662.	889.8	-6.8	2.2	2.5	-10.2	74.	2.5563	2.1068	1.1659	257.0	5.4
729.	882.2	-7.1	2.6	2.9	-9.8	79.	2.6588	2.1876	1.1573	257.0	5.5
795.	874.7	-7.3	3.1	3.4	-9.4	83.	2.7453	2.2556	1.1484	257.0	5.5
858.	867.7	-7.6	3.4	3.7	-9.3	86.	2.7711	2.2758	1.1406	257.0	5.5
924.	860.4	-7.9	3.7	4.1	-9.5	87.	2.7398	2.2442	1.1322	257.0	5.4
992.	852.8	-8.1	4.2	4.6	-9.6	88.	2.7142	2.2311	1.1231	257.0	5.5
1061.	845.3	-8.4	4.6	4.9	-10.2	87.	2.6137	2.1560	1.1144	257.0	5.5
1124.	837.9	-8.6	5.1	5.4	-10.3	86.	2.5586	2.0927	1.1054	256.0	5.5
1196.	830.7	-8.9	5.5	5.8	-10.7	85.	2.4437	2.0178	1.0971	256.0	5.6
1261.	823.7	-9.3	5.7	6.0	-11.3	84.	2.3312	1.9288	1.0895	256.0	5.7
1328.	816.6	-9.7	6.0	6.3	-11.8	83.	2.2233	1.8432	1.0816	257.0	5.8
1392.	809.8	-10.1	6.2	6.5	-12.5	81.	2.0940	1.7405	1.0742	257.0	5.8
1456.	803.1	-10.5	6.5	6.7	-13.3	78.	1.9459	1.6224	1.0668	254.0	6.0
1514.	796.6	-10.9	6.8	7.0	-14.0	75.	1.8216	1.5230	1.0593	256.0	6.0
1582.	790.0	-11.2	7.0	7.3	-14.4	75.	1.7575	1.4716	1.0521	255.0	6.1
1646.	783.5	-11.7	7.2	7.4	-14.9	75.	1.6824	1.4097	1.0454	253.0	6.1
1710.	776.9	-12.4	7.1	7.3	-15.4	76.	1.5986	1.3438	1.0393	252.0	6.2
1776.	770.2	-12.9	7.3	7.5	-15.6	78.	1.5679	1.3192	1.0323	251.0	6.2
1843.	763.5	-13.4	7.4	7.6	-15.8	80.	1.5360	1.2939	1.0253	250.0	6.2
1913.	756.8	-13.9	7.6	7.8	-16.2	81.	1.4864	1.2533	1.0182	249.0	6.3
1980.	749.8	-14.4	7.8	8.0	-16.7	81.	1.4197	1.1994	1.0107	248.0	6.3
2047.	743.1	-14.8	8.1	8.3	-17.2	80.	1.3515	1.1442	1.0031	248.0	6.4
2114.	736.6	-15.3	8.2	8.4	-18.0	78.	1.2583	1.0684	0.9962	247.0	6.4
2181.	730.1	-15.8	8.4	8.6	-18.7	76.	1.1755	0.9968	0.9893	246.0	6.4
2245.	723.9	-16.4	8.4	8.6	-19.3	76.	1.1266	0.9549	0.9831	246.0	6.4
2310.	717.7	-16.1	9.4	9.6	-19.2	75.	1.1233	0.9582	0.9736	246.0	6.5
2373.	711.7	-15.8	10.6	10.8	-18.9	75.	1.1550	0.9842	0.9644	246.0	6.7
2438.	705.6	-15.5	11.5	11.7	-18.7	74.	1.1717	0.9978	0.9550	246.0	6.8
2502.	699.6	-15.2	11.7	11.9	-18.5	71.	1.0832	0.9255	0.9483	247.0	6.8
2564.	693.9	-16.2	12.1	12.2	-20.6	66.	0.9792	0.8401	0.9416	249.0	7.0
2626.	688.2	-16.8	12.3	12.4	-21.1	65.	0.9290	0.7988	0.9353	250.0	7.1
2686.	682.7	-17.3	12.5	12.6	-21.5	65.	0.8949	0.7706	0.9292	252.0	7.4
2749.	677.0	-17.4	12.7	12.9	-21.9	65.	0.8619	0.7433	0.9229	253.0	7.5
2811.	671.4	-17.7	13.1	13.2	-22.4	64.	0.8250	0.7128	0.9163	255.0	7.7
2872.	665.9	-18.1	13.3	13.4	-22.9	63.	0.7920	0.6771	0.9102	256.0	8.1
2932.	660.6	-18.5	13.5	13.6	-23.4	62.	0.7610	0.6430	0.9043	256.0	8.4
2993.	655.2	-18.9	13.7	13.9	-24.0	61.	0.7318	0.6104	0.8983	256.0	8.6
3053.	649.9	-19.2	14.1	14.2	-24.4	60.	0.6709	0.5845	0.8921	256.0	8.9
3115.	644.5	-19.5	14.4	14.5	-25.1	58.	0.6302	0.5504	0.8857	257.0	9.1
3180.	638.9	-19.7	14.9	15.0	-25.6	56.	0.5869	0.5225	0.8787	256.0	9.4
3245.	633.5	-20.0	15.3	15.4	-26.3	54.	0.5593	0.4909	0.8723	256.0	9.6
3307.	628.0	-20.4	15.5	15.6	-26.8	53.	0.5282	0.4647	0.8660	255.0	9.7
3372.	622.5	-20.8	15.8	15.9	-27.8	50.	0.4795	0.4234	0.8598	255.0	9.9
3438.	617.0	-21.1	16.2	16.2	-29.3	44.	0.4098	0.3642	0.8531	254.0	10.0
3505.	611.4	-21.4	16.6	16.6	-30.5	40.	0.3619	0.3232	0.8464	253.0	10.2
3570.	606.0	-21.7	17.0	17.0	-31.8	36.	0.3164	0.2840	0.8398	253.0	10.4
3633.	600.6	-22.1	17.2	17.3	-32.7	34.	0.2874	0.2589	0.8339	252.0	10.6
3698.	595.5	-22.5	17.5	17.5	-33.3	33.	0.2682	0.2423	0.8279	253.0	10.7
3766.	590.0	-22.9	17.8	17.8	-34.3	31.	0.2423	0.2198	0.8215	252.0	10.8
3823.	585.4	-23.2	18.1	18.1	-35.2	29.	0.2200	0.2004	0.8161	252.0	10.9
3882.	580.7	-23.4	18.5	18.6	-36.4	26.	0.1934	0.1770	0.8102	251.0	11.1
3942.	576.0	-23.7	18.9	18.9	-37.7	23.	0.1661	0.1529	0.8045	251.0	11.3
4000.	571.4	-24.1	19.1	19.1	-39.3	20.	0.1388	0.1287	0.7994	251.0	11.4
4059.	566.8	-24.5	19.3	19.3	-40.6	18.	0.1201	0.1119	0.7942	251.0	11.6
4119.	562.1	-24.8	19.6	19.6	-41.4	17.	0.1101	0.1029	0.7886	251.0	11.8
4180.	557.4	-25.2	19.8	19.9	-42.3	16.	0.0995	0.0934	0.7832	252.0	12.0
4247.	552.3	-25.6	20.1	20.2	-43.2	15.	0.0897	0.0845	0.7773	252.0	12.2
4311.	547.4	-26.0	20.4	20.4	-43.5	15.	0.0861	0.0813	0.7716	253.0	12.3
4377.	542.4	-26.6	20.5	20.5	-44.6	14.	0.0757	0.0717	0.7664	253.0	12.6
4439.	537.8	-27.1	20.6	20.6	-47.1	11.	0.0565	0.0542	0.7615	254.0	12.8
4502.	533.1	-27.5	20.8	20.9	-49.1	9.	0.0444	0.0429	0.7560	254.0	13.0
4563.	528.6	-27.9	21.1	21.1	-50.3	8.	0.0379	0.0368	0.7509	255.0	13.2
4625.	524.0	-28.4	21.2	21.2	-50.8	8.	0.0360	0.0351	0.7459	255.0	13.3
4691.	519.2	-28.9	21.4	21.4	-52.2	7.	0.0299	0.0293	0.7405	255.0	13.4
4753.	514.7	-29.4	21.5	21.5	-52.6	7.	0.0284	0.0279	0.7356	255.0	13.6
4820.	509.9	-29.9	21.7	21.7	-54.3	6.	0.0231	0.0229	0.7303	255.0	13.6
4884.	505.3	-30.4	21.9	21.9	-56.1	5.	0.0183	0.0182	0.7252	255.0	13.7
4949.	500.7	-30.9	22.0	22.0	-60.3	3.	0.0104	0.0106	0.7200	255.0	13.8
5012.	496.3	-31.3	22.3	22.3	-63.5	2.	0.0067	0.0069	0.7149	255.0	13.9
5072.	492.1	-31.7	22.5	22.5	-68.7	1.	0.0032	0.0034	0.7100	255.0	13.9
5132.	487.9	-32.1	22.7	22.7	-68.9	1.	0.0031	0.0032	0.7051	255.0	13.9
5191.	483.8	-32.6	22.8	22.8	-69.3	1.	0.0029	0.0031	0.7006	254.0	13.9
5253.	479.6	-33.1	23.0	23.0	-64.9	2.	0.0055	0.0057	0.6960	253.0	13.9
5314.	475.4	-33.6	23.1	23.1	-65.3	2.	0.0052	0.0054	0.6913	252.0	13.7
5375.	471.3	-34.2	23.1	23.1	-70.5	1.	0.0024	0.0026	0.6871	251.0	13.7
5434.	467.3	-34.7	23.2	23.2	-70.8	1.	0.0023	0.0025	0.6827	250.0	13.7
5497.	463.1	-35.1	23.4	23.4	-71.1	1.	0.0022	0.0024	0.6777	249.0	13.6
5564.	458.7	-35.6	23.6	23.6	-71.5	1.	0.0021	0.0023	0.6727	248.0	13.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+SNOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5645.	454.0	-56.2	23.7	23.7	-71.5	1.	0.0000	0.0021	0.6675	247.0	13.4
5792.	448.0	-56.6	23.8	23.8	-72.1	1.	0.0000	0.0020	0.6627	246.0	13.2
5778.	445.2	-57.3	24.2	24.2	-72.7	1.	0.0000	0.0019	0.6576	245.0	13.1
5833.	441.2	-57.6	24.2	24.2	-73.0	1.	0.0000	0.0018	0.6531	244.0	13.1
5897.	437.1	-58.0	24.4	24.5	-73.4	1.	0.0000	0.0017	0.6481	243.0	12.9
5957.	433.3	-58.5	24.6	24.6	-73.8	1.	0.0000	0.0017	0.6433	242.0	12.9
6020.	429.3	-58.9	25.1	25.1	-74.3	1.	0.0000	0.0016	0.6384	241.0	12.8
6084.	425.3	-59.4	25.3	25.3	-74.7	1.	0.0000	0.0015	0.6338	240.0	12.7
6150.	421.2	-59.9	25.4	25.4	-74.8	1.	0.0000	0.0014	0.6291	239.0	12.6
6214.	417.3	-60.3	25.7	25.7	-74.9	1.	0.0000	0.0014	0.6243	239.0	12.4
6281.	413.2	-60.8	25.8	25.8	-75.2	1.	0.0000	0.0013	0.6195	237.0	12.5
6345.	409.3	-61.2	26.1	26.1	-71.1	2.	0.0000	0.0024	0.6150	236.0	12.4
6410.	405.4	-61.6	26.3	26.3	-68.7	3.	0.0001	0.0033	0.6104	236.0	12.4
6479.	401.3	-62.0	26.5	26.5	-67.2	4.	0.0001	0.0042	0.6056	236.0	12.4
6545.	397.4	-62.4	26.7	26.7	-67.6	4.	0.0001	0.0039	0.6010	236.0	12.4
6613.	393.4	-62.8	26.8	26.8	-66.5	5.	0.0001	0.0044	0.5965	235.0	12.4
6681.	389.4	-63.2	27.0	27.0	-66.7	5.	0.0001	0.0046	0.5917	234.0	12.4
6749.	385.5	-63.7	27.3	27.3	-67.2	5.	0.0001	0.0052	0.5868	233.0	12.5
6817.	381.6	-64.1	27.7	27.7	-68.1	4.	0.0001	0.0041	0.5819	233.0	12.5
6886.	377.7	-64.5	27.9	27.9	-68.5	4.	0.0001	0.0038	0.5772	232.0	12.5
6952.	373.9	-64.9	28.1	28.1	-71.8	3.	0.0000	0.0028	0.5727	231.0	12.6
7017.	370.3	-65.3	28.3	28.3	-74.8	2.	0.0000	0.0014	0.5684	230.0	12.7
7082.	366.8	-65.7	28.4	28.4	-75.2	2.	0.0000	0.0013	0.5643	229.0	12.7
7141.	363.4	-66.1	28.5	28.5	-77.6	1.	0.0000	0.0006	0.5603	228.0	12.6
7203.	360.0	-66.5	28.6	28.6	-80.3	1.	0.0000	0.0006	0.5565	228.0	12.6
7267.	356.5	-66.9	28.7	28.7	-80.7	1.	0.0000	0.0005	0.5523	227.0	12.6
7332.	353.1	-67.3	28.8	28.8	-81.0	1.	0.0000	0.0005	0.5483	226.0	12.6
7390.	349.9	-67.6	29.1	29.1	-81.3	1.	0.0000	0.0005	0.5443	225.0	12.6
7450.	346.7	-68.0	29.2	29.2	-81.7	1.	0.0000	0.0005	0.5405	225.0	12.6
7511.	343.5	-68.4	29.4	29.4	-82.1	1.	0.0000	0.0004	0.5367	224.0	12.7
7575.	340.4	-68.8	29.3	29.3	-82.5	1.	0.0000	0.0004	0.5333	223.0	12.8
7638.	337.1	-69.2	29.5	29.5	-82.9	1.	0.0000	0.0004	0.5293	222.0	12.8
7697.	333.8	-69.6	29.5	29.5	-83.3	1.	0.0000	0.0004	0.5256	222.0	12.8
7765.	330.3	-70.0	29.6	29.6	-83.8	1.	0.0000	0.0003	0.5215	221.0	12.8
7829.	327.0	-70.4	29.6	29.6	-84.1	1.	0.0000	0.0003	0.5174	222.0	12.5
7893.	323.8	-70.8	30.0	30.0	-84.5	1.	0.0000	0.0003	0.5135	222.0	12.4
7954.	320.7	-71.2	30.1	30.1	-84.9	1.	0.0000	0.0003	0.5098	221.0	12.5
8012.	317.8	-71.5	30.2	30.2	-85.2	1.	0.0000	0.0003	0.5063	222.0	12.2
8075.	314.7	-71.9	30.4	30.4	-85.6	1.	0.0000	0.0002	0.5025	222.0	12.1
8138.	311.6	-72.3	30.4	30.4	-86.0	1.	0.0000	0.0002	0.4990	220.0	12.4
8204.	308.4	-72.7	30.6	30.6	-86.4	1.	0.0000	0.0002	0.4950	220.0	12.6
8266.	305.3	-73.1	30.9	30.9	-86.7	1.	0.0000	0.0002	0.4909	219.0	12.8
8330.	302.3	-73.5	31.2	31.2	-87.0	1.	0.0000	0.0002	0.4870	219.0	12.8
8391.	299.4	-73.9	31.3	31.3	-87.4	1.	0.0000	0.0002	0.4834	218.0	13.0
8452.	296.5	-74.3	31.6	31.6	-87.7	1.	0.0001	0.0002	0.4796	218.0	13.1
8514.	293.6	-74.7	32.0	32.0	-87.9	1.	0.0001	0.0002	0.4756	218.0	13.2
8579.	290.6	-75.1	32.2	32.2	-88.1	1.	0.0001	0.0002	0.4712	217.0	13.6
8646.	287.5	-75.5	32.5	32.5	-88.4	1.	0.0001	0.0001	0.4672	216.0	13.8
8714.	284.4	-75.9	32.8	32.8	-88.7	1.	0.0001	0.0001	0.4631	217.0	13.8
8782.	281.3	-76.3	33.0	33.0	-89.0	1.	0.0001	0.0001	0.4589	216.0	14.2
8851.	278.2	-76.7	33.3	33.3	-89.4	1.	0.0001	0.0001	0.4549	216.0	14.4
8919.	275.2	-77.1	33.6	33.6	-89.8	1.	0.0001	0.0001	0.4510	216.0	14.7
8982.	272.4	-77.5	33.8	33.8	-90.1	1.	0.0001	0.0001	0.4475	216.0	14.9
9044.	269.7	-77.9	34.0	34.0	-90.4	1.	0.0001	0.0001	0.4437	217.0	15.2
9109.	266.9	-78.3	34.2	34.2	-90.6	1.	0.0001	0.0001	0.4397	217.0	15.4
9174.	264.1	-78.7	34.4	34.4	-90.9	1.	0.0001	0.0001	0.4359	217.0	15.6
9235.	261.5	-79.1	34.6	34.6	-91.3	1.	0.0001	0.0001	0.4325	218.0	15.8
9301.	258.7	-79.5	34.8	34.8	-91.8	1.	0.0001	0.0001	0.4295	219.0	16.1
9365.	256.0	-79.9	35.0	35.0	-92.1	1.	0.0001	0.0001	0.4260	219.0	16.4
9430.	253.3	-80.3	35.2	35.2	-92.5	1.	0.0001	0.0001	0.4225	220.0	16.7
9495.	250.6	-80.6	35.5	35.5	-92.7	1.	0.0001	0.0001	0.4186	221.0	16.9
9564.	247.8	-81.0	35.7	35.7	-93.0	1.	0.0001	0.0001	0.4145	222.0	17.2
9635.	244.9	-81.4	35.9	35.9	-93.3	1.	0.0001	0.0001	0.4105	224.0	17.5
9708.	242.0	-81.8	36.1	36.1	-93.6	1.	0.0001	0.0001	0.4062	226.0	17.7
9778.	239.2	-82.2	36.3	36.3	-93.6	1.	0.0001	0.0001	0.4019	227.0	18.1
9852.	236.3	-82.6	36.5	36.5	-93.7	1.	0.0001	0.0001	0.3972	229.0	18.6
9927.	233.4	-83.0	36.7	36.7	-93.9	1.	0.0001	0.0001	0.3929	231.0	19.0
10000.	230.6	-83.4	36.9	36.9	-94.2	1.	0.0001	0.0001	0.3889	232.0	19.5
10074.	227.8	-83.8	37.1	37.1	-94.5	1.	0.0001	0.0001	0.3849	234.0	19.8
10146.	225.0	-84.2	37.3	37.3	-94.5	1.	0.0001	0.0001	0.3802	235.0	20.5
10218.	222.4	-84.6	37.5	37.5	-94.5	1.	0.0001	0.0001	0.3758	237.0	20.8
10288.	219.9	-84.9	37.7	37.7	-94.5	1.	0.0001	0.0001	0.3714	238.0	21.3
10352.	217.5	-85.3	37.9	37.9	-94.3	1.	0.0001	0.0001	0.3670	238.0	21.6
10417.	215.2	-85.7	38.1	38.1	-94.2	1.	0.0001	0.0001	0.3629	239.0	22.0
10479.	213.0	-86.1	38.3	38.3	-94.1	1.	0.0001	0.0001	0.3589	240.0	22.2
10541.	210.8	-86.5	38.5	38.5	-94.0	1.	0.0001	0.0001	0.3550	241.0	22.4
10599.	208.8	-86.9	38.7	38.7	-93.8	1.	0.0001	0.0001	0.3511	241.0	22.7
10657.	206.8	-87.3	38.9	38.9	-93.6	1.	0.0001	0.0001	0.3473	242.0	22.9
10722.	204.6	-87.7	39.1	39.1	-93.5	1.	0.0001	0.0001	0.3434	243.0	23.0
10785.	202.5	-88.1	39.3	39.3	-93.4	1.	0.0001	0.0001	0.3400	243.0	23.2
10845.	200.5	-88.5	39.5	39.5	-93.3	1.	0.0001	0.0001	0.3369	243.0	23.3
10906.	198.5	-88.9	39.7	39.7	-93.2	1.	0.0001	0.0001	0.3335	243.0	23.4
10967.	196.5	-89.3	39.9	39.9	-93.1	1.	0.0001	0.0001	0.3301	243.0	23.5
11026.	194.6	-89.7	40.1	40.1	-93.0	1.	0.0001	0.0001	0.3265	243.0	23.5
11086.	192.7	-90.1	40.3	40.3	-92.9	1.	0.0001	0.0001	0.3228	243.0	23.5
11143.	190.9	-90.5	40.5	40.5	-92.8	1.	0.0001	0.0001	0.3195	244.0	23.6
11197.	189.2	-90.9	40.7	40.7	-92.7	1.	0.0001	0.0001	0.3166	244.0	23.7
11255.	187.4	-91.3	40.9	40.9	-92.6	1.	0.0001	0.0001	0.3138	244.0	23.7
11311.	185.7	-91.7	41.1	41.1	-92.5	1.	0.0001	0.0001	0.3111	244.0	23.8
11360.	184.2	-92.1	41.3	41.3	-92.4	1.	0.0001	0.0001	0.3087	244.0	23.9
11413.	182.6	-92.5	41.5	41.5	-92.3	1.	0.0001	0.0001	0.3060	245.0	23.9
11460.	181.2	-92.9	41.7	41.7	-92.3	1.	0.0001	0.0001	0.3037	245.0	24.0
11510.	179.7	-93.3	41.9	41.9	-92.2	1.	0.0001	0.0001	0.3010	245.0	24.1
11565.	178.1	-93.7	42.1	42.1	-92.1	1.	0.0001	0.0001	0.2982	245.0	24.2
11625.	176.5	-94.1	42.3	42.3	-92.0	1.	0.0001	0.0001	0.2954	246.0	24.2
11672.	175.0	-94.5	42.5	42.5	-91.9	1.	0.0001	0.0001	0.2926	246.0	24.2
11724.	173.5	-94.9	42.7	42.7	-91.8	1.	0.0001	0.0001	0.2898	246.0	24.4
11774.	172.1	-95.3	42.9	42.9	-91.7	1.	0.0001	0.0001	0.2873	246.0	24.5
11827.	170.6	-95.7	43.1	43.1	-91.6	1.	0.0001	0.0001	0.2847	247.0	24.5
11881.	169.1	-96.1	43.3	43.3	-91.5	1.	0.0001	0.0001	0.2821	247.0	24.5
11935.	167.6	-96.5	43.5	43.5	-91.4	1.	0.0001	0.0001	0.2796	247.0	24.7
11990.	166.1	-96.9	43.7	43.7	-91.3	1.	0.0001	0.0001	0.2772	248.0	24.7
12045.	164.6	-97.3	43.9	43.9	-91.2	1.	0.0001	0.0001	0.2748	248.0	24.8
12097.	163.2	-97.7	44.1	44.1	-91.1	1.	0.0001	0.0001	0.2725	248.0	24.9
12150.	161.8	-98.1	44.3	44.3	-91.0	1.	0.0001	0.0001	0.2703	249.0	24.9
12199.	160.5	-98.5	44.5	44.5	-90.9	1.	0.0001	0.0001	0.2682	249.0	25.0
12252.	159.1	-98.9	44.7	44.7	-90.8	1.	0.0001	0.0001	0.2659	250.0	25.1
12306.	157.7	-99.3	44.9	44.9	-90.7	1.	0.0001	0.0001	0.2636	251.0	25.3
12364.	156.2	-99.7	45.1	45.1	-90.6	1.	0.0001	0.0001	0.2612	252.0	25.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12419.	154.8	-65.3	81.0	81.0	-93.3	1.	0.0001	0.0001	0.2594	254.0	26.0
12470.	153.5	-65.5	81.5	81.5	-93.4	1.	0.0001	0.0001	0.2575	254.0	26.2
12522.	152.2	-65.6	82.2	82.2	-93.5	1.	0.0000	0.0001	0.2555	255.0	26.4
12578.	150.8	-65.7	83.0	83.0	-93.6	1.	0.0000	0.0001	0.2532	256.0	26.6
12630.	149.5	-65.8	83.7	83.7	-93.6	1.	0.0000	0.0001	0.2512	257.0	26.8
12683.	148.2	-65.5	85.1	85.1	-93.4	1.	0.0001	0.0001	0.2486	257.0	27.0
12737.	146.9	-65.2	86.5	86.5	-93.2	1.	0.0001	0.0001	0.2461	258.0	27.2
12787.	145.7	-64.9	87.9	87.9	-93.0	1.	0.0001	0.0001	0.2437	258.0	27.4
12841.	144.4	-64.7	89.1	89.1	-92.8	1.	0.0001	0.0001	0.2413	258.0	27.6
12896.	143.1	-64.7	90.1	90.1	-92.8	1.	0.0001	0.0001	0.2391	258.0	27.7
12948.	141.9	-64.6	91.1	91.1	-92.7	1.	0.0001	0.0001	0.2370	258.0	27.8
12995.	140.7	-64.5	92.2	92.2	-92.7	1.	0.0001	0.0001	0.2349	258.0	27.9
13052.	139.5	-64.5	93.1	93.1	-92.7	1.	0.0001	0.0001	0.2329	258.0	28.1
13109.	138.2	-64.4	94.2	94.2	-92.6	1.	0.0001	0.0001	0.2306	258.0	28.3
13162.	137.0	-64.5	95.2	95.2	-92.7	1.	0.0001	0.0001	0.2287	257.0	28.4
13216.	135.8	-64.7	95.5	95.5	-92.8	1.	0.0001	0.0001	0.2269	257.0	28.5
13270.	134.6	-64.8	96.3	96.3	-92.9	1.	0.0001	0.0001	0.2251	257.0	28.6
13320.	133.5	-64.9	97.0	97.0	-93.0	1.	0.0001	0.0001	0.2233	256.0	28.6
13375.	132.3	-65.0	97.8	97.8	-93.0	1.	0.0001	0.0001	0.2214	256.0	28.8
13425.	131.2	-65.1	98.7	98.7	-93.0	1.	0.0001	0.0001	0.2196	256.0	28.8
13481.	130.0	-64.9	99.8	99.8	-93.0	1.	0.0001	0.0001	0.2175	255.0	28.9
13533.	128.9	-65.0	100.5	100.5	-93.0	1.	0.0001	0.0001	0.2157	255.0	28.9
13585.	127.8	-65.0	101.5	101.5	-93.0	1.	0.0001	0.0001	0.2139	255.0	28.9
13638.	126.7	-64.9	102.6	102.6	-93.0	1.	0.0001	0.0001	0.2119	255.0	29.0
13686.	125.7	-64.8	103.6	103.6	-92.9	1.	0.0001	0.0001	0.2102	254.0	28.9
13740.	124.6	-64.7	104.7	104.7	-92.8	1.	0.0001	0.0001	0.2082	254.0	28.8
13789.	123.6	-64.8	105.4	105.4	-92.9	1.	0.0001	0.0001	0.2067	254.0	28.8
13838.	122.6	-64.9	106.1	106.1	-93.0	1.	0.0001	0.0001	0.2051	254.0	28.7
13893.	121.5	-65.0	106.9	106.9	-93.0	1.	0.0001	0.0001	0.2033	253.0	28.6
13943.	120.5	-65.1	107.6	107.6	-93.1	1.	0.0001	0.0001	0.2018	253.0	28.5
13994.	119.5	-65.1	108.5	108.5	-93.1	1.	0.0001	0.0001	0.2001	253.0	28.2
14050.	118.4	-65.2	109.7	109.7	-93.2	1.	0.0001	0.0001	0.1982	253.0	28.0
14102.	117.4	-64.9	110.8	110.8	-93.0	1.	0.0001	0.0001	0.1964	252.0	27.7
14159.	116.3	-64.8	112.0	112.0	-92.9	1.	0.0001	0.0001	0.1945	252.0	27.6
14212.	115.3	-64.6	113.4	113.4	-92.7	1.	0.0001	0.0001	0.1926	252.0	27.5
14265.	114.3	-64.5	114.5	114.5	-92.7	1.	0.0001	0.0001	0.1908	252.0	27.3
14318.	113.3	-64.3	115.9	115.9	-92.5	1.	0.0001	0.0001	0.1890	252.0	27.2
14367.	112.4	-64.1	117.1	117.1	-92.4	1.	0.0001	0.0001	0.1873	252.0	27.1
14416.	111.5	-63.9	118.4	118.4	-92.2	1.	0.0001	0.0001	0.1856	252.0	27.1
14466.	110.6	-63.7	119.7	119.7	-92.1	1.	0.0001	0.0001	0.1840	252.0	27.0
14522.	109.6	-63.6	120.9	120.9	-92.0	1.	0.0001	0.0001	0.1822	252.0	27.1
14572.	108.7	-63.5	122.0	122.0	-91.9	1.	0.0001	0.0001	0.1806	252.0	27.1
14629.	107.7	-63.6	122.9	122.9	-92.0	1.	0.0001	0.0001	0.1790	253.0	27.2
14680.	106.8	-63.9	123.2	123.2	-92.2	1.	0.0001	0.0001	0.1778	254.0	27.3
14738.	105.8	-64.3	123.5	123.5	-92.5	1.	0.0001	0.0001	0.1765	254.0	27.5
14790.	104.9	-64.6	123.9	123.9	-92.7	1.	0.0001	0.0001	0.1752	255.0	27.8
14848.	103.9	-64.8	124.7	124.7	-92.9	1.	0.0001	0.0001	0.1737	255.0	28.0
14901.	103.0	-64.9	125.5	125.5	-93.0	1.	0.0001	0.0001	0.1723	256.0	28.4
14960.	102.0	-64.9	126.6	126.6	-93.0	1.	0.0001	0.0001	0.1706	256.0	28.6
15014.	101.1	-64.7	128.0	128.0	-92.8	1.	0.0001	0.0001	0.1690	257.0	29.1
15075.	100.1	-64.5	129.5	129.5	-92.7	1.	0.0001	0.0001	0.1671	258.0	29.4
15136.	99.1	-64.4	130.8	130.8	-92.6	1.	0.0001	0.0001	0.1654	258.0	29.8
15192.	98.1	-64.5	132.2	132.2	-92.5	1.	0.0001	0.0001	0.1636	259.0	30.2
15254.	97.2	-64.3	133.7	133.7	-92.5	1.	0.0001	0.0001	0.1621	259.0	30.5
15311.	96.3	-64.3	134.4	134.4	-92.5	1.	0.0001	0.0001	0.1606	259.0	30.9
15369.	95.4	-64.4	135.3	135.3	-92.6	1.	0.0001	0.0001	0.1592	259.0	31.3
15426.	94.5	-64.4	136.4	136.4	-92.6	1.	0.0001	0.0001	0.1577	259.0	31.7
15485.	93.6	-64.3	137.7	137.7	-92.5	1.	0.0001	0.0001	0.1561	259.0	32.1
15537.	92.8	-64.1	139.1	139.1	-92.4	1.	0.0001	0.0001	0.1546	259.0	32.5
15547.	91.9	-63.8	140.8	140.8	-92.1	1.	0.0001	0.0001	0.1529	259.0	32.8
15657.	91.0	-63.5	142.6	142.6	-91.9	1.	0.0001	0.0001	0.1512	259.0	33.1
15711.	90.2	-63.4	143.8	143.8	-91.8	1.	0.0001	0.0001	0.1498	259.0	33.4
15773.	89.3	-63.2	145.4	145.4	-91.7	1.	0.0001	0.0001	0.1482	258.0	33.6
15826.	88.5	-62.9	147.1	147.1	-91.5	1.	0.0001	0.0001	0.1466	259.0	33.8
15884.	87.7	-62.5	149.0	149.0	-91.2	1.	0.0001	0.0001	0.1450	258.0	34.0
15933.	87.0	-62.4	150.2	150.2	-91.1	1.	0.0001	0.0001	0.1438	258.0	34.3
15992.	86.2	-62.4	151.3	151.3	-91.1	1.	0.0001	0.0001	0.1425	258.0	34.5
16048.	85.4	-62.4	152.4	152.4	-91.1	1.	0.0001	0.0001	0.1412	258.0	34.6
16098.	84.7	-62.2	153.8	153.8	-90.9	1.	0.0001	0.0001	0.1399	259.0	34.7
16157.	83.9	-62.2	155.4	155.4	-90.8	1.	0.0001	0.0001	0.1384	259.0	34.8
16209.	83.2	-62.3	156.4	156.4	-90.8	1.	0.0001	0.0001	0.1373	258.0	34.9
16268.	82.4	-61.9	157.8	157.8	-90.7	1.	0.0001	0.0001	0.1359	258.0	35.1
16329.	81.6	-61.8	159.2	159.2	-90.6	1.	0.0001	0.0001	0.1345	258.0	35.1
16389.	80.8	-61.8	160.4	160.4	-90.6	1.	0.0001	0.0001	0.1332	258.0	35.2
16445.	80.1	-61.8	161.5	161.5	-90.6	1.	0.0001	0.0001	0.1320	258.0	35.2
16505.	79.3	-61.6	163.2	163.2	-90.5	1.	0.0001	0.0001	0.1306	258.0	35.2
16560.	78.6	-61.4	164.7	164.7	-90.4	1.	0.0001	0.0001	0.1293	259.0	35.3
16623.	77.8	-61.3	166.2	166.2	-90.3	1.	0.0001	0.0001	0.1279	259.0	35.4
16679.	77.1	-61.3	167.3	167.3	-90.3	1.	0.0001	0.0001	0.1268	259.0	35.4
16744.	76.3	-61.2	168.8	168.8	-90.2	1.	0.0001	0.0001	0.1254	259.0	35.5
16801.	75.6	-61.0	170.4	170.4	-90.1	1.	0.0001	0.0001	0.1241	260.0	35.7
16859.	74.9	-60.8	172.0	172.0	-89.9	1.	0.0001	0.0001	0.1229	260.0	35.8
16909.	74.3	-60.7	173.3	173.3	-89.8	1.	0.0001	0.0001	0.1218	260.0	36.0
16968.	73.6	-60.5	174.9	174.9	-89.7	1.	0.0001	0.0001	0.1206	261.0	36.2
17027.	72.9	-60.4	176.5	176.5	-89.5	1.	0.0001	0.0001	0.1193	261.0	36.3
17087.	72.2	-60.2	178.0	178.0	-89.5	1.	0.0001	0.0001	0.1181	261.0	36.4
17146.	71.5	-60.0	179.7	179.7	-89.3	1.	0.0001	0.0001	0.1169	262.0	36.5
17200.	70.9	-59.9	181.1	181.1	-89.2	1.	0.0001	0.0001	0.1157	262.0	36.6
17271.	70.1	-59.8	182.7	182.7	-89.2	1.	0.0001	0.0001	0.1145	262.0	36.6
17343.	69.3	-59.6	184.6	184.6	-89.0	1.	0.0001	0.0001	0.1130	262.0	36.7
17406.	68.6	-59.5	186.0	186.0	-88.9	1.	0.0001	0.0001	0.1119	262.0	36.7
17472.	67.9	-59.5	187.7	187.7	-88.9	1.	0.0001	0.0001	0.1108	263.0	36.7
17533.	67.2	-59.7	189.4	189.4	-89.1	1.	0.0001	0.0001	0.1097	263.0	36.8
17591.	66.6	-59.9	189.8	189.8	-89.2	1.	0.0001	0.0001	0.1088	263.0	36.7
17654.	65.9	-60.2	189.9	189.9	-89.5	1.	0.0001	0.0001	0.1078	263.0	36.6
17713.	65.3	-60.4	190.7	190.7	-89.6	1.	0.0001	0.0001	0.1069	263.0	36.5
17771.	64.7	-60.1	192.6	192.6	-89.4	1.	0.0001	0.0001	0.1058	264.0	36.5
17829.	64.1	-59.7	194.7	194.7	-89.1	1.	0.0001	0.0001	0.1046	264.0	36.4
17886.	63.5	-59.2	197.0	197.0	-88.7	1.	0.0001	0.0001	0.1034	264.0	36.3
17947.	62.9	-58.7	199.4	199.4	-88.3	1.	0.0001	0.0002	0.1022	264.0	36.2
17997.	62.4	-58.4	201.1	201.1	-88.1	1.	0.0001	0.0002	0.1012	264.0	36.1
18058.	61.8	-58.3	202.7	202.7	-88.0	1.	0.0001	0.0002	0.1002	264.0	36.1
18109.	61.3	-58.2	204.0	204.0	-88.0	1.	0.0001	0.0002	0.0993	264.0	36.1
18171.	60.7	-58.0	205.8	205.8	-87.8	1.	0.0001	0.0002	0.0983	263.0	36.1
18232.	60.1	-57.8	207.6	207.6	-87.7	1.	0.0001	0.0002	0.0972	263.0	36.4
18286.	59.6	-57.7	209.1	209.1	-87.6	1.	0.0001	0.0002	0.0964	262.0	36.6
18350.	59.0	-57.6	210.8	210.8	-87.5	1.	0.0001	0.0002	0.0954	262.0	36.7
18402.	58.5	-57.5	212.2	212.2	-87.5	1.	0.0002	0.0002	0.0945	262.0	37.0
18457.	58.0	-57.4	213.8	213.8	-87.5	1.	0.0002	0.0002	0.0937	262.0	37.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO/ (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18523.	57.4	-57.5	214.6	214.6	-87.5	1.	0.0002	0.0002	0.0927	262.0	27.
18589.	56.8	-57.4	216.3	216.3	-87.4	1.	0.0002	0.0002	0.0917	262.0	26.
18645.	56.3	-57.4	217.6	217.6	-87.4	1.	0.0002	0.0002	0.0909	262.0	26.
18712.	55.7	-57.3	219.3	219.3	-87.3	1.	0.0002	0.0002	0.0899	262.0	25.
18769.	55.2	-57.3	220.6	220.6	-87.3	1.	0.0002	0.0002	0.0891	262.0	25.
18838.	54.6	-57.2	222.1	222.1	-87.3	1.	0.0002	0.0002	0.0881	262.0	24.
18896.	54.1	-57.3	223.4	223.4	-87.3	1.	0.0002	0.0002	0.0873	262.0	24.
18955.	53.6	-57.2	224.8	224.8	-87.2	1.	0.0002	0.0002	0.0865	262.0	24.
19026.	53.0	-57.2	226.6	226.6	-87.2	1.	0.0002	0.0002	0.0855	262.0	23.
19086.	52.5	-57.4	227.5	227.5	-87.4	1.	0.0002	0.0002	0.0848	263.0	23.
19146.	52.0	-57.6	228.4	228.4	-87.5	1.	0.0002	0.0002	0.0840	263.0	23.
19207.	51.5	-57.6	229.7	229.7	-87.5	1.	0.0002	0.0002	0.0832	264.0	22.
19269.	51.0	-57.5	231.4	231.4	-87.5	1.	0.0002	0.0002	0.0824	264.0	22.
19331.	50.5	-57.3	233.3	233.3	-87.3	1.	0.0002	0.0002	0.0815	265.0	21.
19393.	50.0	-57.1	235.2	235.2	-87.2	1.	0.0002	0.0002	0.0806	265.0	21.
19444.	49.6	-56.9	236.6	236.6	-87.0	1.	0.0002	0.0002	0.0799	265.0	21.
19508.	49.1	-56.8	238.5	238.5	-86.9	1.	0.0002	0.0002	0.0791	266.0	20.
19560.	48.7	-56.7	240.0	240.0	-86.9	1.	0.0002	0.0002	0.0784	266.0	20.
19625.	48.2	-56.5	242.1	242.1	-86.7	1.	0.0002	0.0002	0.0775	267.0	19.
19678.	47.8	-56.3	243.7	243.7	-86.6	1.	0.0002	0.0002	0.0768	267.0	19.
19731.	47.4	-56.1	245.4	245.4	-86.4	1.	0.0002	0.0002	0.0761	267.0	18.
19794.	46.9	-55.9	247.4	247.4	-86.3	1.	0.0002	0.0002	0.0752	268.0	18.
19853.	46.5	-55.8	249.4	249.4	-86.2	1.	0.0002	0.0002	0.0745	268.0	17.
19922.	46.0	-55.6	251.1	251.1	-86.0	1.	0.0002	0.0002	0.0737	268.0	17.
19978.	45.6	-55.5	252.4	252.4	-85.9	1.	0.0002	0.0002	0.0730	268.0	16.
20044.	45.2	-55.7	253.4	253.4	-86.1	1.	0.0002	0.0002	0.0724	268.0	16.
20104.	44.7	-55.8	254.9	254.9	-86.2	1.	0.0002	0.0002	0.0716	268.0	16.
20161.	44.3	-55.8	256.2	256.2	-86.3	1.	0.0002	0.0002	0.0710	268.0	15.
20219.	43.9	-55.9	257.4	257.4	-86.3	1.	0.0002	0.0002	0.0704	268.0	15.
20292.	43.4	-55.9	259.1	259.1	-86.3	1.	0.0002	0.0002	0.0696	269.0	14.
20350.	43.0	-55.9	260.5	260.5	-86.3	1.	0.0002	0.0002	0.0690	269.0	14.
20411.	42.6	-55.9	262.2	262.2	-86.2	1.	0.0002	0.0002	0.0683	269.0	13.
20485.	42.1	-55.8	264.0	264.0	-86.2	1.	0.0002	0.0002	0.0675	269.0	13.
20546.	41.7	-56.0	265.0	265.0	-86.3	1.	0.0002	0.0002	0.0669	269.0	13.
20622.	41.2	-56.2	266.3	266.3	-86.5	1.	0.0002	0.0002	0.0662	269.0	12.
20684.	40.8	-56.4	267.5	267.5	-86.6	1.	0.0002	0.0002	0.0656	269.0	12.
20762.	40.3	-56.5	269.0	269.0	-86.7	1.	0.0002	0.0002	0.0648	269.0	12.
20825.	39.9	-56.7	270.0	270.0	-86.9	1.	0.0002	0.0002	0.0642	269.0	11.
20885.	39.5	-56.9	271.1	271.1	-87.0	1.	0.0002	0.0002	0.0636	269.0	11.
20953.	39.1	-57.0	272.4	272.4	-87.1	1.	0.0002	0.0002	0.0630	269.0	11.
21018.	38.7	-56.9	274.3	274.3	-87.0	1.	0.0002	0.0002	0.0623	269.0	10.
21084.	38.3	-56.8	276.2	276.2	-86.9	1.	0.0002	0.0002	0.0617	269.0	10.
21150.	37.9	-56.7	278.1	278.1	-86.8	1.	0.0002	0.0002	0.0610	269.0	10.
21217.	37.5	-56.6	280.0	280.0	-86.8	1.	0.0002	0.0002	0.0603	269.0	10.
21285.	37.1	-56.2	282.7	282.7	-86.5	1.	0.0002	0.0002	0.0596	269.0	9.
21354.	36.7	-55.8	285.5	285.5	-86.2	1.	0.0002	0.0002	0.0588	269.0	9.
21406.	36.4	-55.8	286.1	286.1	-86.2	1.	0.0002	0.0002	0.0582	269.0	9.
21477.	36.0	-54.6	291.1	291.1	-85.5	1.	0.0002	0.0002	0.0574	269.0	9.
21530.	35.7	-54.5	293.3	293.3	-85.2	1.	0.0003	0.0003	0.0569	269.0	8.
21602.	35.3	-54.4	295.4	295.4	-85.2	1.	0.0003	0.0003	0.0562	269.0	8.
21657.	35.0	-54.3	297.0	297.0	-85.1	1.	0.0004	0.0004	0.0557	269.0	8.
21731.	34.6	-54.4	299.7	299.7	-84.9	1.	0.0003	0.0003	0.0550	269.0	8.
21786.	34.3	-53.7	301.0	301.0	-84.6	1.	0.0003	0.0003	0.0544	269.0	8.
21862.	33.9	-53.6	303.1	303.1	-84.4	1.	0.0003	0.0003	0.0537	269.0	8.
21919.	33.6	-53.5	304.6	304.6	-84.4	1.	0.0003	0.0003	0.0532	269.0	8.
21976.	33.3	-53.4	307.5	307.5	-84.4	1.	0.0003	0.0003	0.0528	269.0	8.
22035.	33.0	-53.7	308.3	308.3	-84.6	1.	0.0003	0.0003	0.0524	269.0	8.
22113.	32.6	-53.9	309.8	309.8	-84.8	1.	0.0003	0.0003	0.0518	269.0	8.
22172.	32.3	-54.2	310.8	310.8	-85.0	1.	0.0003	0.0003	0.0514	269.0	8.
22252.	31.9	-54.5	311.8	311.8	-85.2	1.	0.0003	0.0003	0.0508	269.0	8.
22312.	31.6	-54.7	312.5	312.5	-85.5	1.	0.0003	0.0003	0.0504	270.0	8.
22393.	31.2	-55.0	314.1	314.1	-85.6	1.	0.0003	0.0003	0.0498	270.0	8.
22454.	30.9	-55.1	315.0	315.0	-85.7	1.	0.0003	0.0003	0.0494	270.0	8.
22517.	30.6	-55.2	316.0	316.0	-85.8	1.	0.0003	0.0003	0.0489	270.0	8.
22580.	30.3	-55.3	316.8	316.8	-85.8	1.	0.0003	0.0003	0.0484	270.0	8.
22643.	30.0	-55.5	318.0	318.0	-85.6	1.	0.0003	0.0003	0.0479	270.0	8.
22720.	29.6	-54.8	323.6	323.6	-85.5	1.	0.0003	0.0003	0.0472	270.0	8.
22772.	29.4	-54.7	324.7	324.7	-85.5	1.	0.0003	0.0003	0.0468	270.0	8.
22838.	29.1	-54.8	326.1	326.1	-85.5	1.	0.0003	0.0003	0.0464	270.0	8.
22934.	28.6	-55.0	327.7	327.7	-85.6	1.	0.0003	0.0003	0.0458	270.0	8.
22971.	28.5	-55.0	328.5	328.5	-85.6	1.	0.0003	0.0003	0.0456	270.0	8.
23073.	28.2	-55.0	331.2	331.2	-85.6	1.	0.0003	0.0003	0.0450	270.0	8.
23106.	27.9	-55.0	332.2	332.2	-85.7	1.	0.0003	0.0003	0.0446	270.0	8.
23152.	27.7	-55.0	333.6	333.6	-85.8	1.	0.0003	0.0003	0.0443	270.0	8.
23221.	27.4	-54.8	336.6	336.6	-85.5	1.	0.0003	0.0003	0.0437	270.0	8.
23292.	27.1	-54.6	339.7	339.7	-85.2	1.	0.0003	0.0003	0.0432	270.0	8.
23334.	26.9	-54.5	341.6	341.6	-85.0	1.	0.0003	0.0003	0.0428	270.0	8.
23411.	26.6	-53.7	344.6	344.6	-84.7	1.	0.0003	0.0003	0.0422	270.0	8.
23484.	26.3	-53.4	345.7	345.7	-84.4	1.	0.0003	0.0003	0.0417	270.0	8.
23535.	26.1	-53.2	346.8	346.8	-84.1	1.	0.0003	0.0003	0.0413	270.0	8.
23627.	25.8	-52.9	348.7	348.7	-83.8	1.	0.0003	0.0003	0.0408	270.0	8.
23695.	25.5	-52.4	350.4	350.4	-83.7	1.	0.0003	0.0003	0.0402	270.0	8.
23734.	25.3	-52.3	351.1	351.1	-83.6	1.	0.0003	0.0003	0.0399	270.0	8.
23811.	25.0	-52.2	352.5	352.5	-83.5	1.	0.0003	0.0003	0.0394	270.0	8.
23867.	24.8	-51.4	354.3	354.3	-83.0	1.	0.0004	0.0004	0.0390	270.0	8.
23942.	24.5	-50.8	355.1	355.1	-82.5	1.	0.0004	0.0004	0.0383	270.0	8.
23995.	24.3	-49.7	356.2	356.2	-81.7	1.	0.0004	0.0004	0.0378	270.0	8.
24074.	24.0	-49.2	357.5	357.5	-81.2	1.	0.0004	0.0004	0.0373	270.0	8.
24151.	23.8	-49.0	358.6	358.6	-81.0	1.	0.0004	0.0004	0.0369	270.0	8.
24215.	23.5	-48.1	359.5	359.5	-80.2	1.	0.0004	0.0004	0.0364	270.0	8.
24271.	23.3	-47.6	360.2	360.2	-79.7	1.	0.0004	0.0004	0.0360	270.0	8.
24328.	23.1	-47.9	360.6	360.6	-80.2	1.	0.0004	0.0004	0.0356	270.0	8.
24386.	22.9	-48.2	361.1	361.1	-80.7	1.	0.0004	0.0004	0.0351	270.0	8.
24473.	22.6	-48.3	362.4	362.4	-80.8	1.	0.0004	0.0004	0.0346	270.0	8.
24553.	22.4	-48.4	363.6	363.6	-80.9	1.	0.0004	0.0004	0.0342	270.0	8.
24592.	22.2	-48.5	364.2	364.2	-81.0	1.	0.0004	0.0004	0.0339	270.0	8.
24693.	22.0	-48.6	365.7	365.7	-81.1	1.	0.0004	0.0004	0.0335	270.0	8.
24714.	21.8	-48.1	366.0	366.0	-80.6	1.	0.0004	0.0004	0.0333	270.0	8.
24776.	21.6	-48.4	366.9	366.9	-80.9	1.	0.0004	0.0004	0.0329	270.0	8.
24874.	21.3	-48.6	368.4	368.4	-81.2	1.	0.0004	0.0004	0.0324	270.0	8.
24954.	21.1	-48.8	369.7	369.7	-81.4	1.	0.0004	0.0004	0.0320	270.0	8.
24997.	20.9	-48.8	370.4	370.4	-81.4	1.	0.0004	0.0004	0.0318	270.0	8.
25142.	20.7	-48.8	372.6	372.6	-81.4	1.	0.0004	0.0004	0.0316	270.0	8.
25182.	20.5	-48.8	373.2	373.2	-81.4	1.	0.0004	0.0004	0.0314	270.0	8.
25227.	20.2	-48.8	373.9	373.9	-81.4	1.	0.0004	0.0004	0.0312	270.0	8.





HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+6*RHO*E (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11806.	170.9	-64.8	71.9	71.9	-82.0	7.	0.0004	0.0004	0.2857	267.0	18.7
11853.	169.6	-64.7	72.9	72.9	-81.9	7.	0.0004	0.0004	0.2834	266.3	18.4
11900.	168.3	-64.6	73.8	73.8	-81.8	7.	0.0004	0.0004	0.2811	265.3	18.4
11951.	166.8	-64.4	75.0	75.0	-81.7	7.	0.0004	0.0004	0.2785	264.3	18.6
11998.	165.6	-64.4	75.7	75.7	-81.7	7.	0.0004	0.0004	0.2764	263.0	18.7
12047.	164.3	-64.3	76.7	76.7	-81.6	7.	0.0004	0.0005	0.2741	262.0	18.7
12095.	163.0	-64.2	77.6	77.6	-81.5	7.	0.0004	0.0005	0.2718	260.0	18.9
12140.	161.8	-64.1	78.6	78.6	-81.4	7.	0.0004	0.0005	0.2696	259.0	19.1
12189.	160.5	-64.2	79.6	79.6	-81.5	7.	0.0004	0.0005	0.2676	257.0	19.2
12243.	159.1	-64.3	79.6	79.6	-81.6	7.	0.0004	0.0005	0.2654	247.0	19.4
12293.	157.8	-64.5	80.7	80.7	-81.6	7.	0.0004	0.0005	0.2632	247.0	19.4
12336.	156.7	-64.4	81.7	81.7	-81.7	7.	0.0004	0.0005	0.2615	247.0	19.7
12379.	155.6	-64.4	82.8	82.8	-81.7	7.	0.0004	0.0005	0.2597	244.0	19.8
12426.	154.4	-64.4	82.8	82.8	-81.7	7.	0.0004	0.0005	0.2577	245.0	20.0
12476.	153.1	-64.5	84.0	84.0	-81.8	7.	0.0004	0.0005	0.2556	244.0	19.9
12530.	151.8	-64.6	85.0	85.0	-81.9	7.	0.0004	0.0005	0.2534	244.0	20.1
12578.	150.6	-64.6	86.1	86.1	-81.9	7.	0.0004	0.0005	0.2517	245.0	20.1
12627.	149.4	-63.6	87.0	87.0	-81.2	7.	0.0004	0.0005	0.2497	247.0	20.1
12677.	148.2	-63.7	87.8	87.8	-81.2	7.	0.0004	0.0005	0.2477	247.0	20.1
12730.	146.9	-63.8	88.9	88.9	-81.2	7.	0.0004	0.0005	0.2457	248.0	20.1
12781.	145.7	-63.9	89.9	89.9	-81.2	7.	0.0004	0.0005	0.2444	251.0	20.1
12831.	144.5	-63.9	90.8	90.8	-81.2	7.	0.0004	0.0005	0.2424	253.0	20.1
12882.	143.3	-64.0	91.8	91.8	-81.3	7.	0.0004	0.0005	0.2406	255.0	20.1
12934.	142.1	-64.1	91.7	91.7	-81.4	7.	0.0004	0.0005	0.2387	257.0	20.1
12981.	141.0	-64.3	92.7	92.7	-81.6	7.	0.0004	0.0005	0.2369	257.0	20.4
13033.	139.6	-64.3	93.7	93.7	-81.6	7.	0.0004	0.0005	0.2352	257.0	20.6
13082.	138.7	-64.4	93.9	93.9	-81.7	7.	0.0004	0.0005	0.2332	261.0	20.6
1313..	137.6	-64.5	94.9	94.9	-81.8	7.	0.0004	0.0005	0.2315	264.0	20.6
13179.	136.5	-64.5	95.9	95.9	-81.8	7.	0.0004	0.0005	0.2297	261.0	20.6
13228.	135.4	-64.4	96.9	96.9	-81.7	7.	0.0004	0.0005	0.2279	261.0	20.6
13274.	134.4	-64.4	97.9	97.9	-81.7	7.	0.0004	0.0005	0.2260	259.0	21.4
1331..	133.4	-64.5	97.9	97.9	-81.8	7.	0.0004	0.0005	0.2243	259.0	21.4
13361.	132.5	-64.5	98.9	98.9	-81.8	7.	0.0004	0.0005	0.2227	257.0	21.4
13411.	131.4	-64.6	99.9	99.9	-81.8	7.	0.0004	0.0005	0.2212	256.0	21.4
1345..	13..4	-64.6	1..9	1..9	-81.8	7.	0.0004	0.0005	0.2195	257.0	21.4
1350..	129.4	-64.6	100.9	100.9	-81.8	7.	0.0004	0.0005	0.2178	257.0	22.1
1355..	128.4	-64.4	101.9	101.9	-81.7	7.	0.0004	0.0005	0.2161	256.0	22.1
1361..	127.4	-64.4	101.9	101.9	-81.7	7.	0.0004	0.0005	0.2143	256.0	22.1
1364..	126.4	-64.3	102.9	102.9	-81.6	7.	0.0004	0.0005	0.2124	256.0	22.1
1370..	125.4	-64.3	103.9	103.9	-81.6	7.	0.0004	0.0005	0.2105	256.0	22.1
13741.	124.4	-64.3	104.9	104.9	-81.6	7.	0.0004	0.0005	0.2086	256.0	22.1
1379..	123.5	-64.3	105.9	105.9	-81.6	7.	0.0004	0.0005	0.2068	256.0	22.1
1385..	122.5	-64.3	106.9	106.9	-81.6	7.	0.0004	0.0005	0.2049	256.0	22.1
1388..	121.6	-64.3	107.9	107.9	-81.6	7.	0.0004	0.0005	0.2034	256.0	22.1
1393..	120.7	-64.3	108.9	108.9	-81.6	7.	0.0004	0.0005	0.2018	256.0	22.1
1397..	119.7	-64.3	109.9	109.9	-81.6	7.	0.0004	0.0005	0.1998	256.0	22.1
14027.	118.8	-64.4	111.4	111.4	-81.7	7.	0.0004	0.0005	0.1978	256.0	24.7
14079.	117.8	-64.4	112.4	112.4	-81.7	7.	0.0004	0.0005	0.1961	256.0	24.7
14129.	116.9	-64.3	113.1	113.1	-81.6	7.	0.0004	0.0005	0.1944	256.0	24.7
14178.	116.0	-64.2	114.1	114.1	-81.5	7.	0.0004	0.0005	0.1928	256.0	24.7
14226.	115.0	-64.2	114.6	114.6	-81.4	7.	0.0004	0.0005	0.1911	256.0	24.7
14274.	114.1	-64.1	115.6	115.6	-81.4	7.	0.0004	0.0005	0.1895	256.0	24.7
14323.	113.2	-64.1	116.6	116.6	-81.4	7.	0.0004	0.0005	0.1880	256.0	24.7
14377.	112.2	-64.1	117.6	117.6	-81.4	7.	0.0004	0.0005	0.1863	256.0	24.7
14426.	111.3	-64.1	118.6	118.6	-81.4	7.	0.0004	0.0005	0.1847	256.0	24.7
1447[illegible]	110.4	-64.0	119.6	119.6	-81.4	7.	0.0004	0.0005	0.1834	256.0	24.7
14521.	109.6	-63.9	120.6	120.6	-81.3	7.	0.0004	0.0005	0.1821	256.0	24.7
14571.	108.7	-63.9	121.6	121.6	-81.3	7.	0.0004	0.0005	0.1807	256.0	24.7
14618.	107.9	-63.9	122.7	122.7	-81.3	7.	0.0004	0.0005	0.1794	256.0	24.7
14668.	107.0	-63.9	123.7	123.7	-81.3	7.	0.0004	0.0005	0.1779	256.0	24.7
14719.	106.1	-63.9	124.7	124.7	-81.3	7.	0.0004	0.0005	0.1765	256.0	24.7
14768.	105.3	-63.9	125.7	125.7	-81.3	7.	0.0004	0.0005	0.1751	256.0	24.7
14818.	104.5	-63.9	126.7	126.7	-81.3	7.	0.0004	0.0005	0.1737	256.0	24.7
14868.	103.7	-63.9	127.8	127.8	-81.3	7.	0.0004	0.0005	0.1726	256.0	24.7
14917.	102.8	-64.0	128.8	128.8	-81.4	7.	0.0004	0.0005	0.1714	256.0	24.7
14968.	102.1	-64.0	129.8	129.8	-81.4	7.	0.0004	0.0005	0.1701	256.0	24.7
15017.	101.3	-64.0	130.8	130.8	-81.4	7.	0.0004	0.0005	0.1689	256.0	24.7
15067.	100.4	-64.0	131.8	131.8	-81.4	7.	0.0004	0.0005	0.1676	256.0	24.7
15116.	99.6	-64.0	132.8	132.8	-81.4	7.	0.0004	0.0005	0.1664	256.0	24.7
15166.	98.8	-64.0	133.8	133.8	-81.4	7.	0.0004	0.0005	0.1653	256.0	24.7
15215.	98.0	-64.0	134.8	134.8	-81.4	7.	0.0004	0.0005	0.1640	256.0	24.7
15265.	97.2	-64.0	135.8	135.8	-81.4	7.	0.0004	0.0005	0.1629	256.0	24.7
15314.	96.4	-64.0	136.8	136.8	-81.4	7.	0.0004	0.0005	0.1617	256.0	24.7
15364.	95.6	-64.0	137.8	137.8	-81.4	7.	0.0004	0.0005	0.1604	256.0	24.7
15413.	94.8	-64.0	138.8	138.8	-81.4	7.	0.0004	0.0005	0.1593	256.0	24.7
15463.	94.0	-64.0	139.8	139.8	-81.4	7.	0.0004	0.0005	0.1581	256.0	24.7
15512.	93.2	-64.0	140.8	140.8	-81.4	7.	0.0004	0.0005	0.1569	256.0	24.7
15562.	92.4	-64.0	141.8	141.8	-81.4	7.	0.0004	0.0005	0.1557	256.0	24.7
15611.	91.6	-64.0	142.8	142.8	-81.4	7.	0.0004	0.0005	0.1545	256.0	24.7
15661.	90.8	-64.0	143.8	143.8	-81.4	7.	0.0004	0.0005	0.1533	256.0	24.7
15710.	90.0	-64.0	144.8	144.8	-81.4	7.	0.0004	0.0005	0.1521	256.0	24.7
15760.	89.2	-64.0	145.8	145.8	-81.4	7.	0.0004	0.0005	0.1509	256.0	24.7
15809.	88.4	-64.0	146.8	146.8	-81.4	7.	0.0004	0.0005	0.1497	256.0	24.7
15859.	87.6	-64.0	147.8	147.8	-81.4	7.	0.0004	0.0005	0.1485	256.0	24.7
15908.	86.8	-64.0	148.8	148.8	-81.4	7.	0.0004	0.0005	0.1473	256.0	24.7
15958.	86.0	-64.0	149.8	149.8	-81.4	7.	0.0004	0.0005	0.1461	256.0	24.7
16007.	85.2	-64.0	150.8	150.8	-81.4	7.	0.0004	0.0005	0.1449	256.0	24.7
16057.	84.4	-64.0	151.8	151.8	-81.4	7.	0.0004	0.0005	0.1437	256.0	24.7
16106.	83.6	-64.0	152.8	152.8	-81.4	7.	0.0004	0.0005	0.1425	256.0	24.7
16156.	82.8	-64.0	153.8	153.8	-81.4	7.	0.0004	0.0005	0.1413	256.0	24.7
16205.	82.0	-64.0	154.8	154.8	-81.4	7.	0.0004	0.0005	0.1401	256.0	24.7
16255.	81.2	-64.0	155.8	155.8	-81.4	7.	0.0004	0.0005	0.1389	256.0	24.7
16304.	80.4	-64.0	156.8	156.8	-81.4	7.	0.0004	0.0005	0.1377	256.0	24.7
16354.	79.6	-64.0	157.8	157.8	-81.4	7.	0.0004	0.0005	0.1365	256.0	24.7
16403.	78.8	-64.0	158.8	158.8	-81.4	7.	0.0004	0.0005	0.1353	256.0	24.7
16453.	78.0	-64.0	159.8	159.8	-81.4	7.	0.0004	0.0005	0.1341	256.0	24.7
16502.	77.2	-64.0	160.8	160.8	-81.4	7.	0.0004	0.0005	0.1329	256.0	24.7
16552.	76.4	-64.0	161.8	161.8	-81.4	7.	0.0004	0.0005	0.1317	256.0	24.7
16601.	75.6	-64.0	162.8	162.8	-81.4	7.	0.0004	0.0005	0.1305	256.0	24.7
16651.	74.8	-64.0	163.8	163.8	-81.4	7.	0.0004	0.0005	0.1293	256.0	24.7
16700.	74.0	-64.0	164.8	164.8	-81.4	7.	0.0004	0.0005	0.1281	256.0	24.7
16750.	73.2	-64.0	165.8	165.8	-81.4	7.	0.0004	0.0005	0.1269	256.0	24.7
16799.	72.4	-64.0	166.8	166.8	-81.4	7.	0.0004	0.0005	0.1257	256.0	24.7
16849.	71.6	-64.0	167.8	167.8	-81.4	7.	0.0004	0.0005	0.1245	256.0	24.7
16898.	70.8	-64.0	168.8	168.8	-81.4	7.	0.0004	0.0005	0.1233	256.0	24.7
16948.	70.0	-64.0	169.8	169.8	-81.4	7.	0.0004	0.0005	0.1221	256.0	24.7
16997.	69.2	-64.0	170.8	170.8	-81.4	7.	0.0004	0.0005	0.1209	256.0	24.7
17047.	68.4	-64.0	171.8	171.8	-81.4	7.	0.0004	0.0005	0.1197	256.0	24.7
17096.	67.6	-64.0	172.8	172.8	-81.4	7.	0.0004	0.0005	0.1185	256.0	24.7
17146.	66.8	-64.0	173.8	173.8	-81.4	7.	0.0004	0.0005	0.1173	256.0	24.7
17195.	66.0	-64.0	174.8	174.8	-81.4	7.	0.0004	0.0005	0.1161	256.0	24.7
17245.	65.2	-64.0	175.8	175.8	-81.4	7.	0.0004	0.0005	0.1149	256.0	24.7
17294.	64.4	-64.0	176.8	176.8	-81.4	7.	0.0004	0.0005	0.1137	256.0	24.7
17344.	63.6	-64.0	177.8	177.8	-81.4	7.	0.0004	0.0005	0.1125	256.0	24.7
17393.	62.8	-64.0	178.8	178.8	-81.4	7.	0.0004	0.0005	0.1113	256.0	24.7
17443.	62.0	-64.0	179.8	179.8	-81.4	7.	0.0004	0.0005	0.1101	256.0	24.7
17492.	61.2	-64.0	180.8	180.8	-81.4	7.	0.0004	0.0005	0.1089	256.0	24.7
17542.	60.4	-64.0	181.8	181.8	-81.4	7.	0.0004	0.0005	0.1077	256.0	24.7
17591.	59.6	-64.0	182.8	182.8	-81.4	7.	0.0004	0.0005	0.1065	256.0	24.7
17641.	58.8	-64.0	183.8	183.8	-81.4	7.	0.0004	0.0005	0.1053	256.0	24.7
17690.	58.0	-64.0	184.8	184.8	-81.4	7.	0.0004	0.0005	0.1041	256.0	24.7
17740.	57.2	-64.0	185.8	185.8	-81.4	7.	0.0004	0.0005	0.1029	256.0	24.7
17789.	56.4	-64.0	186.8	186.8	-81.4	7.	0.0004	0.0005	0.1017	256.0	24.7
17839.	55.6	-64.0	187.8	187.8	-81.4	7.	0.0004	0.0005	0.1005	256.0	24.7
17888.	54.8	-64.0	188.8	188.8	-81.4	7.	0.0004	0.0005	0.0993	256.0	24.7
17938.	54.0	-64.0	189.8	189.8	-81.4	7.	0.0004	0.0005	0.0981	256.0	24.7
17987.	53.2	-64.0	190.8	190.8	-81.4	7.	0.0004	0.0005	0.0969	256.0	24.7
18037.	52.4	-64.0	191.8	191.8	-81.4	7.	0.0004	0.0005	0.0957	256.0	24.7
18086.	51.6	-64.0	192.8	192.8	-81.4	7.	0.0004	0.0005	0.0945	256.0	24.7
18136.	50.8	-64.0	193.8	193.8	-81.4	7.	0.0004	0.0005	0.0933	256.0	24.7
18185.	50.0	-64.0	194.8	194.8	-81.4	7.	0.0004	0.0005	0.0921	256.0	24.7
18235.	49.2	-64.0	195.8	195.8	-81.4	7.	0.0004	0.0005	0.0909	256.0	24.7
18284.	48.4	-64.0	196.8	196.8	-81.4	7.	0.0004	0.0005	0.0897	256.0	24.7
18334.	47.6	-64.0	197.8	197.8	-81.4	7.	0.0004	0.0005	0.0885	256.0	24.7
18383.	46.8	-64.0	198.8	198.8	-81.4	7.	0.0004	0.0005	0.0873	256.0	24.7
18433.	46.0	-64.0	199.8	199.8	-81.4	7.	0.0004	0.0005	0.0861	256.0	24.7
18482.	45.2	-64.0	200.8	200.8	-81.4	7.	0.0004	0.0005	0.0849	256.0	24.7
18532.	44.4	-64.0	201.8	201.8	-81.4	7.	0.0004	0.0005	0.0837	256.0	24.7
18581.	43.6	-64.0	202.8	202.8	-81.4	7.	0.0004	0.0005	0.0825	256.0	24.7
18631.	42.8	-64.0	203.8	203.8	-81.4	7.	0.0004	0.0005	0.0813	256.0	24.7
18680.	42.0	-64.0	204.8	204.8	-81.4	7.	0.0004	0.0005	0.0801	256.0	24.7
18730.	41.2	-64.0	205.8	205.8	-81.4	7.	0.0004	0.0005	0.0789	256.0	24.7
18779.	40.4	-64.0	206.8	206.8	-81.4	7.	0.0004	0.0005	0.0777	256.0	24.7
18829.	39.6	-64.0	207.8	207.8	-81.4	7.	0.0004	0.0005	0.0765	256.0	24.7
18878.	38.8	-64.0	208.8	208.8	-81.4	7.	0.0004	0.0005	0.0753	256.0	24.7
18928.	38.0	-64.0	209.8	209.8	-81.4	7.	0.0004	0.0005	0.0741	256.0	24.7
18977.	37.2	-64.0	210.8	210.8	-81.4	7.	0.0004	0.0005	0.0729	256.0	24.7
19027.	36.4	-64.0	211.8	211.8	-81.4	7.	0.0004	0.0005	0.0717	256.0	24.7
19076.	35.6	-64.0	212.8	212.8	-81.4	7.	0.0004	0.0005	0.0705	256.0	24.7
19126.	34.8	-64.0	213.8	213.8	-81.4	7.	0.0004	0.0005	0.0693	256.0	24.7
19175.	34.0	-64.0	214.8	214.8	-81.4	7.	0.0004	0.0005	0.0681	256.0	24.7
19225.	33.2	-64.0	215.8	215.8	-81.4	7.	0.0004	0.0005	0.0669	256.0	24.7
19274.	32.4	-64.0	216.8	216.8	-81.4	7.	0.0004	0.0005	0.0657	256.0	24.7
19324.	31.6	-64.0	217.8	217.8	-81.4	7.	0.0004	0.0005	0.0645	256.0	24.7
19373.	30.8	-64.0	218.8	218.8	-81.4	7.	0.0004	0.0005	0.0633	256.0	24.7
19423.	30.0	-64.0	219.8	219.8	-81.4	7.	0.0004	0.0005	0.0621	256.0	24.7
19472.	29.2	-64.0	220.8	220.8	-81.4	7.	0.0004	0.0005	0.0609	256.0	24.7
19522.	28.4	-64.0	221.8	221.8	-81.4	7.	0.0004	0.0005	0.0597	256.0	24.7
19571.	27.6	-64.0	222.8	222.8	-81.4	7.	0.0004	0.0005	0.0585	256.0	24.7
19621.	26.8	-64.0	223.8	223.8	-81.4	7.	0.0004	0.0005	0.0573	256.0	24.7
19670.	26.0	-64.0	224.8	224.8	-81.4	7.	0.0004	0.0005	0.0561	256.0	24.7
19720.	25.2	-64.0	225.8	225.8	-81.4	7.	0.0004	0.0005	0.0549	256.0	24.7
19769.	24.4	-64.0	226.8	226.8	-81.4	7.	0.0004	0.0005	0.0537	256.0	24.7
19819.	23.6	-64.0	227.8	227.8	-81.4	7.	0.0004	0.0005	0.0525	256.0	24.7
19868.	22.8	-64.0	228.8	228.8	-81.4	7.	0.0004	0.0005	0.0513	256.0	24.7
19918.	22.0	-64.0	229.8	229.8	-81.4	7.	0.0004	0.0005	0.0501	256.0	24.7
19967.	21.2	-64.0	230.8	230.8	-81.4	7.	0.0004	0.0005	0.0489	256.0	24.7
20017.	20.4	-64.0	231.8	231.8	-81.4	7.	0.0004	0.0005	0.0477	256.0	24.7
20066.	19.6	-64.0	232.8	232.8	-81.4	7.	0.0004	0.0005	0.0465	256.0	24.7
20116.	18.8	-64.0	233.8	233.8	-81.4	7.	0.0004	0.0005	0.0453	256.0	24.7
20165.	18.0	-64.0	234.8	234.8	-81.4	7.	0.0004	0.0005	0.0441	256.0	24.7
20215.	17.2	-64.0	235.8	235.8	-81.4	7.	0.0004	0.0005	0.0429	256.0	24.7
20264.	16.4	-64.0	236.8	236.8	-81.4	7.	0.0004	0.0005	0.0417	256.0	24.7
20314.	15.6	-64.0	237.8	237.8	-81.4	7.	0.0004	0.0005	0.0405	256.0	24.7
20363.	14.8	-64.0	238.8	238.8	-81.4	7.	0.0004	0.0005	0.0393	256.0	24.7
20413.	14.0	-64.0	239.8	239.8	-81.4	7.	0.0004	0.0005	0.0381	256.0	24.7
20462.	13.2	-64.0	240.8	240.8	-81.4	7.	0.0004	0.0005	0.0369	256.0	24.7
20512.	12.4	-64.0	241.8	241.8	-81.4	7.	0.0004	0.0005	0.0357	256.0	24.7
20561.	11.6	-64.0	242.8	242.8	-81.4	7.	0.0004	0.0005	0.0345	256.0	24.7
20611.	10.8	-64.0	243.8	243.8	-81.4	7.	0.0004	0.0005	0.0333	256.0	24.7
20660.	10.0	-64.0	244.8	244.8	-81.4	7.	0.0004	0.0005	0.0321	256.0	24.7
20710.	9.2	-64.0	245.8	245.8	-81.4	7.	0.0004	0.0005	0.0309	256.0	24.7
20759.	8.4	-64.0	246.8	246.8	-81.4	7.	0.0004	0.0005	0.0297	256.0	24.7
20809.	7.6	-64.0	247.8	247.8	-81.4	7.	0.0004	0.0005	0.0285	256.0	24.7
20858.	6.8	-64.0	248.8	248.8	-81.4	7.	0.0004	0.0005	0.0273	256.0	24.7
20908.	6.0	-64.0	249.8	249.8	-81.4	7.	0.0004	0.0005	0.0261	256.0	24.7
20957.	5.2	-64.0	250.8	250.8	-81.4	7.	0.0004	0.0005	0.0249	256.0	24.7
21007.	4.4	-64.0	251.8	251.8	-81.4	7.	0.0004	0.0005	0.0237	256.0	24.7
21056.	3.6	-64.0	252.8	252.8	-81.4	7.	0.0004	0.0005	0.0225	256.0	24.7
21106.	2.8	-64.0	253.8	253.8	-81.4	7.	0.0004	0.0005	0.0213	256.0	24.7
21155.	2.0	-64.0	254.8	254.8	-81.4	7.	0.0004	0.0005	0.0201	256.0	24.7
21205.	1.2	-64.0	255.8	255.8	-81.4	7.	0.0004	0.0005	0.0189	256.0	24.7
21254.	0.4	-64.0	256.8	256.8	-81.4	7.	0.0004	0.0005	0.0177	256.0	24.7
21304.	-0.4	-64.0	257.8	257.8	-81.4	7.	0.0004	0.0005	0.0165	256.0	24.7
21353.	-1.2	-64.0	258.8	258.8	-81.4	7.	0.0004	0.0005	0.0153	256.0	24.7
21403.	-2.0	-64.0	259.8	259.8	-81.4	7.	0.0004	0.0005	0.0141	256.0	24.7
21452.	-2.8	-64.0	260.8	260.8	-81.4	7.	0.0004	0.0005	0.0129	256.0	24.7
21502.	-3.6	-64.0	261.8	261.8	-81.4	7.	0.0004	0.0005	0.0117	256.0	24.7
21551.	-4.4	-64.0	262.8	262.8	-81.4	7.	0.0004	0.0005	0.0105	256.0	24.7
21601.	-5.2	-64.0	263.8	263.8	-81.4	7.	0.0004	0.0005	0.0093	256.0	24.7
21650.	-6.0	-64.0	264.8	264.8	-81.4	7.	0.0004	0.0005	0.0081	256.0	24.7
21700.	-6.8	-64.0	265.8	265.8	-81.4	7.	0.0004	0.0005	0.0069	256.0	24.7
21749.	-7.6	-64.0	266.8	266.8	-81.4	7.	0.0004	0.0005	0.0057	256.0	24.7
21799.	-8.4	-64.0	267.8	267.8	-81.4	7.	0.0004	0.0005	0.0045	256.0	24.7
21848.	-9.2	-64.0	268.8	268.8	-81.4	7.	0.0004	0.0005	0.0033	256.0	24.7
21898.	-10.0	-64.0	269.8	269.8	-81.4	7.	0.0004	0.0005	0.0021	256.0	24.7
21947.	-10.8	-64.0	270.8	270.8	-81.4	7.	0.0004	0.0005	0.0009	256.0	24.7
21997.	-11.6	-64.0	271.8	271.8	-81.4	7.	0.0004	0.0005	0.0000	256.0	24.7
22046.	-12.4	-64.0	272.8	272.8	-81.4	7.	0.0004	0.0005	0.0000	256.0	24.7
22096.	-13.2	-64.0	273.8	273.8	-81.4	7.	0.0004	0.0005	0.0000	256.0	24.7
22145.	-14.0	-64.0	274.8	274.8	-81.4	7.	0.0004	0.0005	0.0000	256.0	24.7
22195.	-14.8	-64.0	275.8	275.8	-81.4	7.	0.0004	0.0005	0.0000	256.0	24.7
22244.	-15.6	-64.0	276.8	276.8	-81.4	7.	0.0004	0.0005	0.0000	256.0	24.7
22294.	-16.4	-64.0	277.8	277.8	-81.4	7.	0.0004	0.0005	0.0000	256.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17331.	69.5	-60.7	181.6	181.8	-78.6	7.	0.0007	0.0008	0.1140	264.0	33.7
17375.	69.0	-60.7	182.8	182.8	-78.6	7.	0.0007	0.0008	0.1131	264.0	33.7
17430.	68.4	-60.8	183.7	183.7	-78.6	7.	0.0007	0.0008	0.1122	265.0	33.8
17484.	67.8	-60.8	184.6	184.6	-78.7	7.	0.0007	0.0007	0.1113	265.0	33.9
17530.	67.3	-61.0	185.4	185.4	-78.8	7.	0.0007	0.0007	0.1105	265.0	33.9
17586.	66.7	-60.7	187.2	187.2	-78.6	7.	0.0007	0.0008	0.1094	266.0	34.0
17642.	66.1	-60.5	188.8	188.8	-78.4	7.	0.0007	0.0008	0.1083	265.0	34.1
17689.	65.6	-60.3	190.3	190.3	-78.2	7.	0.0007	0.0008	0.1074	266.0	34.2
17746.	65.0	-60.1	191.9	191.9	-78.1	7.	0.0007	0.0008	0.1063	267.0	34.4
17794.	64.5	-59.9	193.4	193.4	-77.9	7.	0.0008	0.0009	0.1053	267.0	34.6
17853.	63.9	-59.4	195.7	195.8	-77.5	7.	0.0008	0.0009	0.1041	268.0	34.8
17902.	63.4	-59.4	196.8	196.8	-77.5	7.	0.0008	0.0009	0.1033	269.0	35.0
17951.	62.9	-59.5	197.6	197.6	-77.6	7.	0.0008	0.0009	0.1026	268.0	35.2
18011.	62.3	-59.6	198.7	198.7	-77.6	7.	0.0008	0.0009	0.1016	268.0	35.4
18072.	61.7	-59.6	200.0	200.0	-77.6	7.	0.0008	0.0009	0.1007	268.0	35.6
18133.	61.1	-59.6	201.3	201.3	-77.6	7.	0.0008	0.0009	0.0997	268.0	35.8
18194.	60.5	-59.6	202.7	202.7	-77.6	7.	0.0008	0.0009	0.0987	268.0	35.9
18246.	60.0	-59.6	203.8	203.8	-77.6	7.	0.0008	0.0009	0.0979	268.0	36.1
18300.	59.4	-59.8	204.7	204.7	-77.8	7.	0.0008	0.0009	0.0970	268.0	36.3
18372.	58.8	-60.0	205.9	205.9	-78.1	7.	0.0007	0.0008	0.0962	268.0	36.5
18436.	58.2	-60.2	207.1	207.1	-78.3	7.	0.0007	0.0008	0.0951	268.0	36.8
18495.	57.7	-59.6	208.7	208.7	-77.6	7.	0.0008	0.0009	0.0942	268.0	37.0
18558.	57.1	-59.5	210.2	210.2	-77.6	7.	0.0008	0.0009	0.0932	268.0	37.2
18610.	56.6	-59.7	211.6	211.6	-77.7	7.	0.0008	0.0009	0.0924	268.0	37.4
18676.	56.0	-59.6	213.3	213.3	-77.6	7.	0.0008	0.0009	0.0914	268.0	37.6
18732.	55.5	-59.7	214.8	214.8	-77.7	7.	0.0008	0.0009	0.0904	268.0	37.8
18800.	54.9	-58.6	217.7	217.7	-77.1	7.	0.0009	0.0010	0.0893	269.0	38.0
18858.	54.4	-58.7	219.4	219.4	-76.9	7.	0.0009	0.0010	0.0884	269.0	38.2
18916.	53.9	-58.6	220.9	220.9	-76.8	7.	0.0009	0.0010	0.0875	269.0	38.3
18974.	53.4	-58.6	222.3	222.3	-76.8	7.	0.0009	0.0010	0.0867	270.0	38.4
19033.	52.9	-58.6	223.6	223.6	-76.8	7.	0.0009	0.0010	0.0859	270.0	38.5
19091.	52.5	-58.6	224.7	224.7	-76.8	7.	0.0009	0.0010	0.0852	270.0	38.6
19141.	52.0	-58.5	226.3	226.3	-76.7	7.	0.0009	0.0010	0.0844	270.0	38.6
19201.	51.5	-58.3	228.1	228.1	-76.5	7.	0.0010	0.0010	0.0835	270.0	38.6
19263.	51.0	-58.0	230.0	230.0	-76.3	7.	0.0010	0.0011	0.0826	270.0	38.7
19325.	50.5	-57.9	232.1	232.1	-76.1	7.	0.0010	0.0011	0.0817	270.0	38.6
19375.	50.1	-57.7	233.5	233.5	-76.0	7.	0.0010	0.0011	0.0810	270.0	38.6
19438.	49.6	-57.5	235.4	235.4	-75.9	7.	0.0011	0.0011	0.0801	270.0	38.6
19489.	49.2	-57.4	236.7	236.7	-75.8	7.	0.0011	0.0012	0.0794	270.0	38.5
19540.	48.8	-57.4	238.0	238.0	-75.8	7.	0.0011	0.0012	0.0787	270.0	38.4
19606.	48.3	-57.4	239.7	239.7	-75.8	7.	0.0011	0.0012	0.0779	270.0	38.4
19658.	47.9	-57.3	241.0	241.0	-75.6	7.	0.0011	0.0012	0.0773	270.0	38.3
19711.	47.5	-57.3	242.3	242.3	-75.6	7.	0.0011	0.0012	0.0766	270.0	38.2
19764.	47.1	-57.4	243.6	243.6	-75.8	7.	0.0011	0.0012	0.0761	270.0	38.1
19832.	46.6	-57.6	244.3	244.3	-76.0	7.	0.0010	0.0011	0.0753	270.0	38.0
19886.	46.2	-57.7	245.4	245.4	-76.2	7.	0.0010	0.0011	0.0747	270.0	37.9
19954.	45.7	-57.8	246.8	246.8	-76.3	7.	0.0010	0.0011	0.0740	269.0	37.8
20011.	45.3	-57.9	247.1	247.1	-76.5	7.	0.0010	0.0011	0.0734	269.0	37.8
20068.	44.9	-58.2	248.1	248.1	-76.8	7.	0.0010	0.0010	0.0728	269.0	37.8
20126.	44.5	-58.1	249.2	249.2	-76.7	7.	0.0010	0.0011	0.0721	269.0	37.7
20193.	44.0	-57.8	250.6	250.6	-76.3	7.	0.0010	0.0011	0.0711	269.0	37.7
20250.	43.7	-57.1	251.7	251.7	-75.8	7.	0.0011	0.0012	0.0703	269.0	37.7
20313.	43.2	-56.7	253.1	253.1	-75.5	7.	0.0012	0.0013	0.0695	269.0	37.7
20368.	42.8	-56.6	254.7	254.7	-75.5	7.	0.0012	0.0013	0.0689	269.0	37.7
20427.	42.4	-56.4	256.1	256.1	-75.5	7.	0.0012	0.0013	0.0681	270.0	37.7
20487.	42.0	-56.3	257.1	257.1	-74.9	7.	0.0013	0.0014	0.0675	270.0	37.7
20546.	41.5	-56.4	258.1	258.1	-74.7	7.	0.0013	0.0014	0.0668	270.0	37.6
20604.	41.0	-56.4	259.1	259.1	-74.7	7.	0.0013	0.0014	0.0661	270.0	37.4
20666.	40.6	-56.3	260.3	260.3	-74.3	7.	0.0014	0.0015	0.0655	270.0	37.3
20721.	40.2	-56.2	261.2	261.2	-74.0	7.	0.0014	0.0015	0.0648	271.0	37.2
20781.	39.7	-56.1	262.3	262.3	-73.8	7.	0.0014	0.0016	0.0641	271.0	37.1
20836.	39.3	-56.1	263.2	263.2	-73.6	7.	0.0015	0.0016	0.0635	272.0	37.0
20904.	38.8	-56.1	264.4	264.4	-73.5	7.	0.0015	0.0017	0.0627	272.0	36.9
20964.	38.4	-56.1	265.5	265.5	-73.5	7.	0.0015	0.0017	0.0622	272.0	36.7
21026.	38.0	-56.2	266.6	266.6	-73.6	7.	0.0016	0.0017	0.0616	272.0	36.7
21086.	37.6	-56.4	267.6	267.6	-73.8	7.	0.0016	0.0017	0.0612	272.0	36.7
21146.	37.1	-56.6	268.6	268.6	-74.0	7.	0.0016	0.0017	0.0607	272.0	36.8
21206.	36.7	-56.8	269.4	269.4	-74.2	7.	0.0016	0.0017	0.0601	272.0	36.8
21267.	36.4	-56.9	270.4	270.4	-74.4	7.	0.0016	0.0017	0.0596	272.0	36.8
21328.	36.0	-57.0	271.4	271.4	-74.5	7.	0.0016	0.0017	0.0591	272.0	36.8
21389.	35.7	-57.1	272.3	272.3	-74.6	7.	0.0016	0.0017	0.0586	272.0	36.8
21451.	35.4	-57.1	273.3	273.3	-74.6	7.	0.0016	0.0017	0.0581	272.0	36.8

SOUNDING 4E0Z
LATITUDE -57.0 LONGITUDE 0.0
DATE 11- 1-81 TIME 0332 GMT
NUMBER OF LEVELS 449

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1.	1000.0	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	0.
46.	997.0	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
88.	994.1	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
144.	990.0	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
194.	986.5	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
243.	983.0	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
294.	979.4	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
344.	975.9	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
394.	972.4	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
416.	970.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
466.	967.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
517.	963.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
567.	960.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
617.	956.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
667.	953.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
717.	949.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
767.	946.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
817.	942.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
867.	939.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
917.	935.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
967.	932.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
1017.	928.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
1067.	925.3	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.
1117.	921.8	-4.7	-4.7	-4.1	-9.6	72.	2.4446	2.5446	1.2375	150.0	1.

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+5**MCA (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1183.	843.0	-6.2	3.9	4.1	-13.5	68.	1.9840	1.5880	1.1154	231.0	11.0
1226.	839.2	-6.5	4.7	4.9	-13.4	67.	1.9263	1.4067	1.1079	231.0	11.3
1271.	834.4	-6.7	5.4	5.6	-13.5	65.	1.8616	1.5872	1.1007	231.0	11.5
1312.	830.0	-6.7	5.8	6.0	-14.0	62.	1.8141	1.5170	1.0949	231.0	11.7
1356.	825.3	-6.7	6.2	6.4	-14.8	57.	1.7678	1.3905	1.0886	232.0	11.9
1401.	820.5	-6.7	6.5	6.7	-15.1	57.	1.7206	1.3761	1.0830	232.0	12.1
1443.	816.0	-6.1	6.7	6.9	-15.3	57.	1.6800	1.3631	1.0779	232.0	12.2
1488.	811.3	-6.4	6.9	7.1	-15.6	57.	1.5674	1.3191	1.0729	233.0	12.4
1531.	806.8	-6.7	7.0	7.2	-15.7	58.	1.5536	1.3076	1.0681	233.0	12.6
1578.	801.9	-10.0	7.1	7.3	-15.8	58.	1.4988	1.2957	1.0629	233.0	13.0
1622.	797.5	-10.3	7.3	7.5	-16.1	58.	1.4483	1.2633	1.0579	233.0	13.5
1663.	793.0	-10.6	7.5	7.7	-16.3	58.	1.4719	1.2416	1.0530	233.0	13.8
1705.	788.7	-10.6	7.6	7.8	-16.6	58.	1.4349	1.2119	1.0477	233.0	14.2
1744.	784.7	-10.7	7.8	8.0	-16.7	58.	1.4013	1.2007	1.0428	233.0	14.6
1783.	780.7	-11.0	8.0	8.4	-16.8	58.	1.3675	1.1896	1.0386	237.0	14.9
1825.	776.5	-11.3	8.2	8.5	-16.7	61.	1.4166	1.1960	1.0342	241.0	15.2
1867.	772.2	-11.6	8.4	8.6	-17.2	61.	1.3795	1.1664	1.0297	232.0	15.5
1905.	768.0	-11.8	8.7	8.8	-17.4	60.	1.3522	1.1285	1.0248	230.0	16.1
1952.	763.7	-12.1	8.8	9.0	-17.8	59.	1.2750	1.0820	1.0202	230.0	16.4
1997.	759.2	-12.4	9.0	9.1	-18.3	58.	1.2109	1.0371	1.0153	232.0	16.6
2039.	755.0	-12.7	9.1	9.2	-18.6	58.	1.1972	1.0104	1.0108	232.0	16.4
2081.	750.9	-13.0	9.3	9.3	-19.0	57.	1.1353	0.9681	1.0065	232.0	17.0
2124.	746.6	-13.2	9.4	9.5	-19.2	57.	1.1140	0.9514	1.0015	232.0	17.2
2169.	742.2	-13.4	9.7	9.8	-19.4	57.	1.0947	0.9349	0.9963	230.0	17.4
2210.	738.2	-13.8	9.7	9.8	-19.6	57.	1.0556	0.9027	0.9925	232.0	17.4
2250.	734.4	-14.1	9.8	9.9	-20.1	57.	1.0269	0.8793	0.9885	231.0	17.5
2288.	730.7	-14.4	9.8	10.0	-20.4	57.	0.9990	0.8564	0.9846	232.0	17.4
2328.	726.8	-14.8	9.9	10.0	-20.4	56.	0.9667	0.8295	0.9809	232.0	17.2
2371.	722.7	-15.1	10.0	10.1	-20.3	61.	1.0027	0.8591	0.9765	232.0	17.1
2414.	718.6	-15.4	10.1	10.3	-20.6	61.	0.9745	0.8365	0.9721	230.0	17.0
2457.	714.5	-15.6	10.4	10.5	-21.0	60.	0.9413	0.8080	0.9672	230.0	16.8
2499.	710.5	-15.9	10.6	10.8	-21.4	57.	0.8997	0.7699	0.9629	231.0	16.7
2543.	706.4	-16.2	10.6	10.7	-22.7	54.	0.8012	0.6931	0.9584	233.0	16.4
2584.	702.5	-16.4	10.8	11.0	-23.4	51.	0.7427	0.6444	0.9538	233.0	16.2
2626.	698.6	-16.5	11.2	11.3	-24.3	47.	0.6781	0.5905	0.9488	233.0	15.9
2667.	694.8	-16.6	11.6	11.8	-25.6	42.	0.6003	0.5254	0.9440	232.0	15.7
2707.	691.1	-16.8	12.0	12.2	-27.1	36.	0.5146	0.4531	0.9389	233.0	15.4
2746.	687.5	-16.6	12.4	12.6	-28.6	31.	0.4431	0.3925	0.9339	233.0	15.3
2791.	683.4	-16.7	12.7	12.8	-30.3	26.	0.3682	0.3285	0.9287	235.0	15.1
2835.	679.4	-16.9	13.1	13.1	-32.5	21.	0.2918	0.2628	0.9239	235.0	14.9
2878.	675.5	-17.2	13.1	13.2	-31.2	25.	0.3378	0.3025	0.9197	234.0	14.8
2920.	671.7	-17.5	13.3	13.4	-30.4	28.	0.3678	0.3282	0.9156	233.0	14.7
2962.	667.7	-17.7	13.5	13.6	-30.5	28.	0.3609	0.3223	0.9109	235.0	14.6
3007.	664.0	-18.1	13.7	13.7	-30.5	29.	0.3634	0.3245	0.9069	233.0	14.6
3050.	660.1	-18.2	13.9	14.1	-30.0	31.	0.3812	0.3397	0.9023	232.0	14.7
3092.	656.4	-18.5	14.1	14.1	-29.7	33.	0.3944	0.3515	0.8983	232.0	14.7
3136.	652.6	-18.7	14.4	14.4	-29.6	34.	0.3937	0.3547	0.8938	232.0	14.8
3178.	648.9	-19.0	14.4	14.5	-29.8	34.	0.3875	0.3451	0.8898	232.0	14.8
3217.	645.5	-19.2	14.7	14.7	-30.0	34.	0.3802	0.3388	0.8858	231.0	14.9
3260.	641.6	-19.4	14.9	14.9	-30.5	33.	0.3620	0.3233	0.8814	231.0	15.0
3302.	638.1	-19.6	15.1	15.2	-31.3	31.	0.3336	0.2989	0.8770	231.0	15.0
3344.	634.6	-19.8	15.4	15.4	-32.1	29.	0.3062	0.2752	0.8727	231.0	15.2
3385.	631.0	-20.0	15.6	15.6	-32.6	28.	0.2900	0.2612	0.8686	231.0	15.3
3429.	627.3	-20.4	15.6	15.7	-33.3	27.	0.2691	0.2431	0.8648	231.0	15.4
3473.	623.6	-20.7	15.8	15.8	-33.9	26.	0.2517	0.2280	0.8607	231.0	15.4
3509.	620.5	-20.8	15.9	16.0	-34.5	25.	0.2374	0.2155	0.8571	231.0	15.5
3547.	617.3	-21.1	16.1	16.2	-35.0	24.	0.2236	0.2034	0.8534	230.0	15.6
3590.	613.7	-21.5	16.2	16.2	-35.4	24.	0.2151	0.1960	0.8497	231.0	15.7
3631.	610.3	-21.8	16.3	16.3	-35.7	24.	0.2089	0.1906	0.8460	231.0	15.7
3672.	606.9	-22.1	16.4	16.4	-35.9	24.	0.2028	0.1853	0.8423	231.0	15.7
3716.	603.3	-22.5	16.4	16.5	-36.7	23.	0.1869	0.1713	0.8387	232.0	15.7
3756.	600.0	-22.8	16.6	16.6	-36.9	23.	0.1815	0.1665	0.8351	232.0	15.7
3798.	596.6	-23.1	16.6	16.7	-37.6	22.	0.1686	0.1551	0.8313	231.0	15.8
3838.	593.3	-23.4	16.8	16.8	-38.3	21.	0.1562	0.1441	0.8277	231.0	15.8
3881.	589.8	-23.6	17.0	17.0	-38.9	20.	0.1458	0.1349	0.8235	231.0	15.8
3924.	586.4	-23.9	17.1	17.2	-40.1	18.	0.1275	0.1185	0.8197	231.0	15.8
3967.	582.9	-24.2	17.3	17.3	-40.4	18.	0.1237	0.1152	0.8158	231.0	15.7
4011.	579.4	-24.4	17.6	17.6	-41.0	17.	0.1146	0.1069	0.8115	230.0	15.9
4055.	575.9	-24.6	17.8	17.9	-41.2	17.	0.1123	0.1049	0.8073	230.0	15.8
4098.	572.5	-24.9	18.0	18.0	-41.5	17.	0.1090	0.1019	0.8035	230.0	15.8
4139.	569.3	-25.2	18.1	18.1	-41.2	18.	0.1120	0.1046	0.7999	229.0	15.8
4181.	566.0	-25.5	18.2	18.2	-41.5	18.	0.1087	0.1016	0.7963	229.0	15.8
4226.	562.5	-25.8	18.4	18.4	-42.3	17.	0.0996	0.0935	0.7923	229.0	15.8
4269.	559.1	-26.1	18.5	18.5	-44.2	14.	0.0796	0.0753	0.7885	229.0	15.7
4314.	555.7	-26.3	18.8	18.8	-46.4	11.	0.0613	0.0585	0.7843	229.0	15.7
4359.	552.5	-26.5	19.1	19.1	-48.2	9.	0.0491	0.0473	0.7804	229.0	15.8
4398.	549.6	-26.8	19.2	19.2	-50.5	7.	0.0371	0.0361	0.7767	228.0	15.8
4440.	546.8	-27.1	19.3	19.3	-53.4	5.	0.0257	0.0253	0.7731	228.0	15.7
4484.	542.7	-27.5	19.4	19.4	-55.5	4.	0.0197	0.0196	0.7696	229.0	15.7
4528.	539.4	-27.8	19.5	19.5	-55.7	4.	0.0191	0.0191	0.7659	229.0	15.7
4572.	536.1	-28.1	19.7	19.7	-58.1	3.	0.0139	0.0140	0.7621	229.0	15.6
4613.	533.0	-28.5	19.7	19.7	-58.4	3.	0.0134	0.0135	0.7590	232.0	15.5
4655.	529.9	-28.8	19.8	19.8	-56.5	4.	0.0173	0.0173	0.7555	230.0	15.5
4701.	526.5	-29.1	20.0	20.0	-53.6	6.	0.0251	0.0248	0.7516	231.0	15.4
4744.	523.3	-29.4	20.1	20.1	-52.6	7.	0.0284	0.0279	0.7479	231.0	15.4
4788.	520.1	-29.7	20.3	20.3	-52.9	7.	0.0275	0.0271	0.7443	232.0	15.3
4829.	517.1	-30.0	20.4	20.4	-53.1	7.	0.0267	0.0263	0.7409	233.0	15.2
4868.	514.3	-30.3	20.5	20.5	-54.6	6.	0.0222	0.0220	0.7378	234.0	15.2
4909.	511.3	-30.6	20.6	20.6	-54.8	6.	0.0215	0.0213	0.7344	235.0	15.1
4957.	507.9	-30.8	20.9	20.9	-55.0	6.	0.0210	0.0209	0.7301	235.0	15.0
4998.	504.9	-31.1	21.1	21.1	-55.2	6.	0.0204	0.0203	0.7267	236.0	15.0
5042.	501.8	-31.5	21.1	21.1	-54.4	7.	0.0228	0.0226	0.7234	237.0	15.0
5083.	498.9	-31.9	21.1	21.1	-54.7	7.	0.0219	0.0217	0.7204	237.0	15.0
5125.	495.9	-32.3	21.1	21.1	-54.0	8.	0.0240	0.0237	0.7173	237.0	15.0
5167.	493.0	-32.6	21.2	21.3	-54.2	8.	0.0232	0.0230	0.7140	238.0	15.1
5210.	490.0	-32.9	21.4	21.4	-54.5	8.	0.0225	0.0223	0.7105	238.0	15.1
5248.	487.3	-33.2	21.5	21.5	-54.7	8.	0.0218	0.0216	0.7075	238.0	15.0
5289.	484.5	-33.5	21.6	21.6	-55.0	8.	0.0211	0.0209	0.7043	239.0	15.1
5329.	481.7	-33.8	21.7	21.7	-55.2	8.	0.0204	0.0203	0.7011	239.0	15.0
5372.	478.8	-34.2	21.7	21.7	-57.7	6.	0.0147	0.0147	0.6980	240.0	15.0
5411.	476.1	-34.5	21.8	21.8	-59.3	5.	0.0118	0.0120	0.6950	240.0	15.0
5452.	473.3	-34.7	22.1	22.1	-59.5	5.	0.0116	0.0117	0.6915	241.0	15.0
5491.	470.7	-34.9	22.3	22.3	-61.3	4.	0.0091	0.0093	0.6882	241.0	14.9
5529.	468.1	-35.2	22.4	22.4	-66.5	2.	0.0044	0.0046	0.6853	241.0	14.8
5566.	465.6	-35.4	22.6	22.6	-71.3	1.	0.0021	0.0023	0.6822	241.0	14.8
5607.	462.9	-35.7	22.7	22.7	-71.5	1.	0.0021	0.0022	0.6791	242.0	14.6
5649.	460.1	-36.1	22.7	22.7	-71.8	1.	0.0020	0.0021	0.6761	242.0	14.6
5690.	457.4	-36.4	22.9	22.9	-72.0	1.	0.0019	0.0021	0.6730	243.0	14.5
5731.	454.7	-36.7	23.0	23.0	-72.3	1.	0.0019	0.0020	0.6699	243.0	14.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RMIX (G/KG)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5775.	451.9	-37.2	23.1	23.1	-72.5	1.	0.0018	0.0019	0.6666	243.0	14.4
5816.	449.1	-37.3	23.1	23.1	-72.7	1.	0.0017	0.0019	0.6633	243.0	14.4
5856.	446.4	-37.6	23.0	23.0	-72.8	1.	0.0017	0.0018	0.6599	244.0	14.5
5896.	443.9	-37.9	23.0	23.0	-73.1	1.	0.0016	0.0018	0.6565	244.0	14.1
5936.	441.2	-38.2	23.0	23.0	-73.3	1.	0.0016	0.0017	0.6542	244.0	14.0
5976.	438.4	-38.4	23.0	23.0	-73.5	1.	0.0015	0.0017	0.6512	244.0	13.9
6015.	436.3	-38.6	24.1	24.1	-73.6	1.	0.0015	0.0016	0.6480	244.0	13.8
6054.	433.8	-38.8	24.2	24.2	-73.8	1.	0.0015	0.0016	0.6448	244.0	13.8
6094.	431.2	-39.1	24.2	24.2	-73.9	1.	0.0014	0.0016	0.6415	245.0	13.5
6135.	428.7	-39.4	24.2	24.2	-74.1	1.	0.0014	0.0015	0.6384	245.0	13.3
6174.	426.3	-39.7	24.2	24.2	-74.3	1.	0.0013	0.0015	0.6359	245.0	13.1
6212.	423.9	-39.9	24.2	24.2	-74.4	1.	0.0013	0.0014	0.6331	245.0	12.9
6249.	421.7	-40.2	24.2	24.2	-74.6	1.	0.0013	0.0014	0.6306	246.0	12.7
6285.	419.4	-40.5	24.2	24.2	-74.8	1.	0.0012	0.0013	0.6283	247.0	12.4
6322.	417.1	-40.8	24.2	24.2	-75.1	1.	0.0012	0.0013	0.6256	248.0	12.2
6360.	414.8	-41.1	24.2	24.2	-75.3	1.	0.0011	0.0012	0.6227	249.0	12.0
6397.	412.6	-41.4	24.2	24.2	-75.4	1.	0.0011	0.0012	0.6201	250.0	11.7
6434.	410.3	-41.7	24.2	24.2	-75.7	1.	0.0011	0.0012	0.6173	250.0	11.6
6470.	408.1	-41.9	24.2	24.2	-75.8	1.	0.0010	0.0011	0.6148	252.0	11.4
6506.	405.9	-42.2	24.2	24.2	-76.0	1.	0.0010	0.0011	0.6124	253.0	11.2
6542.	403.8	-42.4	24.2	24.2	-76.2	1.	0.0010	0.0011	0.6098	254.0	11.1
6577.	401.7	-42.7	24.2	24.2	-76.4	1.	0.0009	0.0010	0.6072	256.0	10.9
6614.	399.5	-43.0	24.2	24.2	-76.6	1.	0.0009	0.0010	0.6047	257.0	10.8
6649.	397.4	-43.2	24.1	24.1	-76.8	1.	0.0009	0.0010	0.6020	258.0	10.7
6688.	395.1	-43.5	24.3	24.3	-77.0	1.	0.0009	0.0010	0.5993	260.0	10.5
6724.	393.0	-43.7	24.4	24.4	-77.2	1.	0.0008	0.0009	0.5967	261.0	10.6
6761.	390.8	-44.0	24.5	24.5	-77.3	1.	0.0008	0.0009	0.5941	263.0	10.5
6801.	388.5	-44.3	24.6	24.6	-77.5	1.	0.0008	0.0009	0.5914	264.0	10.5
6838.	386.5	-44.7	24.6	24.6	-77.8	1.	0.0007	0.0008	0.5891	266.0	10.5
6877.	384.1	-45.0	24.7	24.7	-78.1	1.	0.0007	0.0008	0.5865	267.0	10.6
6912.	382.1	-45.3	24.8	24.8	-78.3	1.	0.0007	0.0008	0.5842	268.0	10.7
6948.	380.0	-45.6	24.8	24.8	-78.5	1.	0.0007	0.0007	0.5817	269.0	10.7
6983.	377.9	-45.9	24.9	24.9	-78.7	1.	0.0006	0.0007	0.5793	269.0	10.8
7019.	376.0	-46.3	24.8	24.8	-79.2	1.	0.0006	0.0007	0.5774	270.0	10.8
7056.	373.9	-46.6	24.9	24.9	-79.4	1.	0.0006	0.0007	0.5749	270.0	10.9
7093.	372.0	-46.9	27.1	27.1	-79.6	1.	0.0006	0.0007	0.5725	270.0	10.9
7122.	370.2	-47.2	27.0	27.0	-79.9	1.	0.0006	0.0006	0.5708	270.0	11.0
7157.	368.2	-47.5	27.0	27.0	-80.1	1.	0.0005	0.0006	0.5684	270.0	11.0
7193.	366.2	-47.8	27.1	27.1	-80.3	1.	0.0005	0.0006	0.5661	270.0	11.1
7231.	364.1	-48.1	27.2	27.2	-80.5	1.	0.0005	0.0006	0.5636	270.0	11.1
7269.	362.0	-48.4	27.3	27.3	-80.8	1.	0.0005	0.0005	0.5611	270.0	11.1
7308.	360.0	-48.7	27.4	27.4	-81.0	1.	0.0005	0.0005	0.5587	271.0	11.1
7346.	357.9	-49.0	27.5	27.5	-81.2	1.	0.0004	0.0005	0.5561	271.0	11.1
7384.	355.7	-49.3	27.7	27.7	-81.4	1.	0.0004	0.0005	0.5535	270.0	11.1
7423.	353.6	-49.5	27.8	27.8	-81.6	1.	0.0004	0.0005	0.5508	270.0	11.0
7460.	351.6	-49.8	27.8	27.8	-81.9	1.	0.0004	0.0005	0.5486	270.0	11.0
7499.	349.5	-50.2	27.9	27.9	-82.1	1.	0.0004	0.0004	0.5461	270.0	11.0
7540.	347.3	-50.5	28.0	28.0	-82.3	1.	0.0004	0.0004	0.5434	270.0	10.9
7576.	345.4	-50.8	28.1	28.1	-82.5	1.	0.0004	0.0004	0.5411	270.0	10.9
7612.	343.5	-51.1	28.2	28.2	-82.7	1.	0.0003	0.0004	0.5389	270.0	10.8
7648.	341.5	-51.4	28.2	28.2	-83.0	1.	0.0003	0.0004	0.5366	270.0	10.8
7688.	339.5	-51.7	28.3	28.3	-83.2	1.	0.0003	0.0004	0.5341	270.0	10.7
7726.	337.5	-52.0	28.4	28.4	-83.4	1.	0.0003	0.0004	0.5316	270.0	10.7
7764.	335.5	-52.3	28.5	28.5	-83.6	1.	0.0003	0.0003	0.5292	270.0	10.7
7803.	333.5	-52.6	28.7	28.7	-83.8	1.	0.0003	0.0003	0.5268	270.0	10.6
7844.	331.4	-52.9	28.8	28.8	-84.1	1.	0.0003	0.0003	0.5242	271.0	10.6
7883.	329.4	-53.2	28.9	28.9	-84.3	1.	0.0003	0.0003	0.5217	271.0	10.6
7926.	327.2	-53.5	29.1	29.1	-84.5	1.	0.0003	0.0003	0.5189	272.0	10.7
7963.	325.3	-53.8	29.2	29.2	-84.7	1.	0.0002	0.0003	0.5166	272.0	10.6
8002.	323.3	-54.2	29.1	29.1	-85.0	1.	0.0002	0.0003	0.5144	273.0	10.6
8038.	321.5	-54.5	29.2	29.2	-85.2	1.	0.0002	0.0003	0.5122	274.0	10.7
8076.	319.6	-54.7	29.4	29.4	-85.4	1.	0.0002	0.0003	0.5097	275.0	10.6
8116.	317.6	-55.0	29.6	29.6	-85.6	1.	0.0002	0.0002	0.5072	276.0	10.7
8156.	315.6	-55.3	29.7	29.7	-85.8	1.	0.0002	0.0002	0.5047	277.0	10.7
8201.	313.4	-55.7	29.9	29.9	-86.0	1.	0.0002	0.0002	0.5018	278.0	10.7
8246.	311.2	-56.0	29.9	29.9	-86.3	1.	0.0002	0.0002	0.4992	278.0	10.7
8289.	309.1	-56.3	30.1	30.1	-86.6	1.	0.0002	0.0002	0.4966	279.0	10.7
8332.	307.0	-56.7	30.1	30.1	-86.9	1.	0.0002	0.0002	0.4941	280.0	10.7
8375.	304.9	-57.1	30.2	30.2	-87.2	1.	0.0002	0.0002	0.4916	280.0	10.7
8412.	303.1	-57.4	30.2	30.3	-87.4	1.	0.0002	0.0002	0.4894	281.0	10.8
8454.	301.1	-57.7	30.4	30.4	-87.6	1.	0.0001	0.0002	0.4868	281.0	10.7
8492.	299.3	-58.1	30.5	30.5	-87.8	1.	0.0001	0.0002	0.4846	281.0	10.7
8530.	297.5	-58.5	30.6	30.6	-88.0	1.	0.0001	0.0002	0.4824	282.0	10.7
8568.	295.7	-58.8	30.7	30.7	-88.3	1.	0.0001	0.0002	0.4801	282.0	10.7
8604.	294.0	-59.2	30.6	30.6	-88.6	1.	0.0001	0.0001	0.4783	282.0	10.7
8640.	292.3	-59.5	30.7	30.7	-88.8	1.	0.0001	0.0001	0.4762	282.0	10.7
8677.	290.6	-59.8	30.8	30.8	-89.0	1.	0.0001	0.0001	0.4741	282.0	10.7
8713.	288.9	-59.9	30.9	30.9	-89.2	1.	0.0001	0.0001	0.4719	282.0	10.8
8755.	287.0	-60.2	31.0	31.0	-89.5	1.	0.0001	0.0001	0.4695	282.0	10.8
8794.	285.2	-60.5	31.1	31.1	-89.7	1.	0.0001	0.0001	0.4672	282.0	10.8
8834.	283.6	-60.8	31.2	31.2	-89.9	1.	0.0001	0.0001	0.4652	282.0	10.9
8861.	282.1	-61.1	31.2	31.2	-90.1	1.	0.0001	0.0001	0.4634	282.0	10.9
8901.	280.3	-61.4	31.4	31.4	-90.4	1.	0.0001	0.0001	0.4611	282.0	11.1
8939.	278.6	-61.7	31.5	31.5	-90.6	1.	0.0001	0.0001	0.4590	282.0	11.2
8977.	276.9	-61.9	31.7	31.7	-90.7	1.	0.0001	0.0001	0.4566	282.0	11.3
9015.	275.2	-62.2	31.8	31.8	-90.9	1.	0.0001	0.0001	0.4545	282.0	11.4
9053.	273.5	-62.4	32.0	32.0	-91.1	1.	0.0001	0.0001	0.4521	281.0	11.5
9091.	271.8	-62.8	32.3	32.3	-91.2	1.	0.0001	0.0001	0.4497	280.0	11.6
9132.	270.0	-62.9	32.4	32.4	-91.5	1.	0.0001	0.0001	0.4474	279.0	11.7
9173.	268.2	-63.1	32.7	32.7	-91.6	1.	0.0001	0.0001	0.4448	277.0	11.8
9210.	266.6	-63.3	33.0	33.0	-91.8	1.	0.0001	0.0001	0.4426	276.0	11.8
9249.	264.9	-63.6	33.1	33.1	-92.0	1.	0.0001	0.0001	0.4404	275.0	11.9
9288.	263.2	-63.9	33.2	33.2	-92.2	1.	0.0001	0.0001	0.4382	272.0	11.9
9326.	261.6	-64.2	33.3	33.3	-92.4	1.	0.0001	0.0001	0.4361	270.0	12.1
9361.	260.1	-64.5	33.4	33.4	-92.7	1.	0.0001	0.0001	0.4343	270.0	12.2
9398.	258.6	-64.8	33.4	33.4	-92.9	1.	0.0001	0.0001	0.4324	270.0	12.3
9434.	257.0	-65.1	33.5	33.5	-93.1	1.	0.0001	0.0001	0.4303	263.0	12.3
9467.	255.6	-65.3	33.7	33.7	-93.3	1.	0.0001	0.0001	0.4284	259.0	12.4
9503.	254.1	-65.4	34.1	34.1	-93.3	1.	0.0001	0.0001	0.4261	257.0	12.5
9539.	252.6	-65.6	34.3	34.3	-93.5	1.	0.0000	0.0001	0.4240	252.0	12.6
9577.	251.0	-65.7	34.7	34.7	-93.6	1.	0.0000	0.0001	0.4215	253.0	13.0
9614.	249.5	-65.8	35.1	35.1	-93.6	1.	0.0000	0.0001	0.4192	249.0	13.2
9650.	248.0	-65.8	35.6	35.6	-93.6	1.	0.0000	0.0001	0.4167	250.0	13.3
9689.	246.4	-66.0	35.9	35.9	-93.8	1.	0.0000	0.0001	0.4144	248.0	13.5
9726.	244.9	-66.1	36.3	36.3	-93.9	1.	0.0000	0.0001	0.4120	247.0	13.9
9766.	243.3	-66.3	36.6	36.6	-94.0	1.	0.0000	0.0001	0.4097	246.0	14.0
9806.	241.7	-66.4	37.0	37.0	-94.1	1.	0.0000	0.0001	0.4072	246.0	14.1
9846.	240.1	-66.4	37.6	37.6	-94.1	1.	0.0000	0.0001	0.4046	247.0	14.3
9884.	238.6	-66.4	38.2	38.2	-94.1	1.	0.0000	0.0001	0.4020	246.0	14.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9925.	237.0	-66.5	38.6	38.6	-94.2	1.	0.0000	0.0001	0.3995	246.0	14.6
9965.	235.4	-66.7	38.6	38.6	-94.3	1.	0.0000	0.0001	0.3972	246.0	14.8
10004.	233.9	-66.9	39.5	39.5	-94.5	1.	0.0000	0.0000	0.3951	246.0	15.0
10043.	232.4	-67.1	39.4	39.4	-94.6	1.	0.0000	0.0000	0.3929	245.0	15.3
10084.	230.8	-67.3	39.4	39.4	-94.7	1.	0.0000	0.0000	0.3904	244.0	15.6
10124.	229.3	-67.4	40.0	40.0	-94.7	1.	0.0000	0.0000	0.3879	243.0	15.8
10161.	227.9	-67.4	40.7	40.7	-94.8	1.	0.0000	0.0000	0.3859	244.0	16.1
10198.	226.5	-67.5	41.1	41.1	-94.9	1.	0.0000	0.0000	0.3837	242.0	16.3
10238.	225.0	-67.6	41.6	41.6	-95.0	1.	0.0000	0.0000	0.3813	241.0	17.0
10275.	223.6	-67.5	42.6	42.6	-94.8	1.	0.0000	0.0000	0.3784	240.0	17.4
10318.	222.0	-67.2	43.4	43.4	-94.7	1.	0.0000	0.0000	0.3755	239.0	17.9
10362.	220.4	-67.0	44.4	44.4	-94.5	1.	0.0000	0.0000	0.3724	238.0	18.4
10403.	218.9	-66.8	45.3	45.3	-94.4	1.	0.0000	0.0001	0.3695	238.0	18.8
10444.	217.4	-66.8	45.9	45.9	-94.4	1.	0.0000	0.0001	0.3670	237.0	19.4
10485.	216.0	-66.6	46.5	46.5	-94.4	1.	0.0000	0.0001	0.3647	236.0	20.0
10525.	214.5	-66.4	47.0	47.0	-94.5	1.	0.0000	0.0000	0.3623	236.0	20.5
10566.	213.0	-67.0	47.0	47.0	-94.5	1.	0.0000	0.0000	0.3599	236.0	21.1
10613.	211.4	-67.1	48.2	48.2	-94.6	1.	0.0000	0.0000	0.3574	235.0	21.7
10656.	209.9	-67.2	48.5	48.5	-94.7	1.	0.0000	0.0000	0.3550	235.0	22.3
10694.	208.4	-67.4	48.8	48.8	-94.8	1.	0.0000	0.0000	0.3528	235.0	22.8
10740.	207.0	-67.6	49.2	49.2	-95.0	1.	0.0000	0.0000	0.3508	235.0	23.2
10778.	205.7	-67.7	49.6	49.6	-95.1	1.	0.0000	0.0000	0.3488	235.0	23.7
10819.	204.3	-67.7	50.2	50.2	-95.1	1.	0.0000	0.0000	0.3464	235.0	24.1
10857.	203.0	-67.8	50.7	50.7	-95.1	1.	0.0000	0.0000	0.3444	235.0	24.5
10898.	201.6	-67.9	51.3	51.3	-95.1	1.	0.0000	0.0000	0.3420	234.0	24.9
10937.	200.3	-67.7	52.1	52.1	-95.1	1.	0.0000	0.0000	0.3396	234.0	25.2
10979.	198.9	-67.6	52.9	52.9	-95.0	1.	0.0000	0.0000	0.3371	234.0	25.5
11019.	197.6	-67.6	53.5	53.5	-95.0	1.	0.0000	0.0000	0.3349	234.0	25.7
11059.	196.3	-67.7	53.9	53.9	-95.1	1.	0.0000	0.0000	0.3328	234.0	25.9
11099.	195.1	-67.8	54.3	54.3	-95.1	1.	0.0000	0.0000	0.3310	234.0	26.1
11135.	193.8	-67.9	54.8	54.8	-95.2	1.	0.0000	0.0000	0.3289	234.0	26.4
11173.	192.6	-67.9	55.4	55.4	-95.2	1.	0.0000	0.0000	0.3269	234.0	26.4
11210.	191.4	-67.8	56.1	56.1	-95.1	1.	0.0000	0.0000	0.3247	234.0	26.5
11248.	190.2	-68.0	56.4	56.4	-95.3	1.	0.0000	0.0000	0.3230	234.0	26.6
11280.	189.2	-68.1	56.8	56.8	-95.4	1.	0.0000	0.0000	0.3214	234.0	26.8
11310.	188.1	-68.1	57.3	57.3	-95.4	1.	0.0000	0.0000	0.3196	234.0	26.8
11353.	186.9	-68.1	57.9	57.9	-95.4	1.	0.0000	0.0000	0.3175	234.0	26.9
11391.	185.7	-68.2	58.7	58.7	-95.5	1.	0.0000	0.0000	0.3153	234.0	27.0
11427.	184.6	-67.8	59.6	59.6	-95.1	1.	0.0000	0.0000	0.3132	233.0	27.0
11463.	183.5	-67.6	60.5	60.5	-95.0	1.	0.0000	0.0000	0.3110	233.0	27.1
11496.	182.5	-67.5	61.1	61.1	-94.9	1.	0.0000	0.0000	0.3091	233.0	27.3
11532.	181.4	-67.6	61.6	61.6	-95.0	1.	0.0000	0.0000	0.3074	233.0	27.3
11565.	180.4	-67.8	61.8	61.8	-95.1	1.	0.0000	0.0000	0.3060	233.0	27.3
11600.	179.2	-67.9	62.2	62.2	-95.2	1.	0.0000	0.0000	0.3041	233.0	27.3
11642.	178.1	-68.0	62.7	62.7	-95.3	1.	0.0000	0.0000	0.3024	233.0	27.3
11683.	176.9	-68.1	63.1	63.1	-95.4	1.	0.0000	0.0000	0.3005	233.0	27.2
11720.	175.8	-68.1	63.7	63.7	-95.4	1.	0.0000	0.0000	0.2987	233.0	27.3
11758.	174.7	-68.1	64.4	64.4	-95.4	1.	0.0000	0.0000	0.2968	234.0	27.2
11792.	173.7	-68.0	65.1	65.1	-95.3	1.	0.0000	0.0000	0.2950	234.0	27.2
11830.	172.6	-67.8	66.0	66.0	-95.1	1.	0.0000	0.0000	0.2928	234.0	27.2
11865.	171.5	-67.7	66.5	66.5	-95.0	1.	0.0000	0.0000	0.2911	234.0	27.1
11907.	170.4	-67.7	67.1	67.1	-95.2	1.	0.0000	0.0000	0.2892	234.0	27.1
11950.	169.2	-67.7	68.1	68.1	-95.1	1.	0.0000	0.0000	0.2869	235.0	27.0
11982.	168.3	-67.8	68.8	68.8	-95.0	1.	0.0000	0.0000	0.2852	235.0	26.9
12014.	167.4	-67.9	69.7	69.7	-94.8	1.	0.0000	0.0000	0.2834	235.0	26.9
12054.	166.3	-67.8	70.6	70.6	-94.7	1.	0.0000	0.0000	0.2813	236.0	26.8
12088.	165.4	-67.7	71.5	71.5	-94.5	1.	0.0000	0.0000	0.2795	236.0	26.9
12123.	164.4	-68.7	72.2	72.2	-94.3	1.	0.0000	0.0001	0.2774	236.0	26.8
12161.	163.4	-68.5	73.5	73.5	-94.2	1.	0.0000	0.0001	0.2755	237.0	26.9
12201.	162.3	-68.2	74.5	74.5	-94.0	1.	0.0000	0.0001	0.2733	237.0	26.9
12238.	161.3	-68.2	75.3	75.3	-93.9	1.	0.0000	0.0001	0.2715	237.0	27.0
12280.	160.2	-68.4	75.8	75.8	-94.0	1.	0.0000	0.0001	0.2698	238.0	27.1
12317.	159.2	-68.6	76.2	76.2	-94.2	1.	0.0000	0.0001	0.2685	238.0	27.4
12355.	158.2	-68.8	76.3	76.3	-94.4	1.	0.0000	0.0001	0.2671	238.0	27.6
12394.	157.2	-67.7	76.5	76.5	-94.5	1.	0.0000	0.0000	0.2656	238.0	27.8
12432.	156.2	-67.1	77.1	77.1	-94.6	1.	0.0000	0.0000	0.2641	238.0	28.0
12471.	155.2	-67.1	77.7	77.7	-94.6	1.	0.0000	0.0000	0.2624	238.0	28.3
12513.	154.2	-67.1	78.1	78.1	-94.7	1.	0.0000	0.0000	0.2608	237.0	28.6
12549.	153.3	-67.2	78.6	78.6	-94.8	1.	0.0000	0.0000	0.2594	238.0	28.8
12584.	152.3	-67.3	79.7	79.7	-94.9	1.	0.0000	0.0000	0.2574	236.0	29.3
12624.	151.3	-67.4	80.6	80.6	-94.9	1.	0.0000	0.0000	0.2555	235.0	29.4
12664.	150.3	-67.5	81.1	81.1	-94.9	1.	0.0000	0.0000	0.2540	236.0	29.6
12700.	149.4	-67.5	81.7	81.7	-94.9	1.	0.0000	0.0000	0.2525	236.0	29.8
12737.	148.5	-67.6	82.5	82.5	-94.9	1.	0.0000	0.0000	0.2508	236.0	30.0
12777.	147.5	-67.8	83.3	83.3	-94.9	1.	0.0000	0.0001	0.2490	236.0	30.1
12814.	146.6	-68.0	84.3	84.3	-94.9	1.	0.0000	0.0001	0.2473	237.0	30.3
12850.	145.6	-68.4	85.2	85.2	-94.1	1.	0.0000	0.0001	0.2453	237.0	30.4
12893.	144.7	-68.5	86.1	86.1	-94.0	1.	0.0000	0.0001	0.2437	237.0	30.5
12931.	143.8	-68.7	87.0	87.0	-93.9	1.	0.0000	0.0001	0.2421	237.0	30.5
12969.	142.9	-68.1	87.8	87.8	-93.9	1.	0.0000	0.0001	0.2404	237.0	30.5
13007.	142.0	-68.1	88.4	88.4	-93.9	1.	0.0000	0.0001	0.2389	237.0	30.5
13050.	141.0	-68.2	89.0	89.0	-93.9	1.	0.0000	0.0001	0.2373	239.0	30.4
13089.	140.1	-68.3	89.5	89.5	-94.0	1.	0.0000	0.0001	0.2359	238.0	30.4
13120.	139.3	-68.1	90.1	90.1	-94.0	1.	0.0000	0.0001	0.2344	238.0	30.4
13167.	138.2	-68.4	91.0	91.0	-94.0	1.	0.0000	0.0001	0.2329	238.0	30.3
13206.	137.4	-68.5	91.5	91.5	-94.0	1.	0.0000	0.0001	0.2314	238.0	30.2
13246.	136.5	-68.7	92.2	92.2	-94.0	1.	0.0000	0.0001	0.2299	239.0	30.2
13286.	135.6	-68.8	92.9	92.9	-94.0	1.	0.0000	0.0001	0.2284	239.0	30.2
13322.	134.8	-68.9	93.5	93.5	-94.0	1.	0.0000	0.0001	0.2270	239.0	30.1
13358.	134.0	-68.9	94.0	94.0	-94.1	1.	0.0000	0.0001	0.2258	239.0	30.1
13398.	133.1	-68.9	94.6	94.6	-94.1	1.	0.0000	0.0001	0.2243	239.0	30.1
13439.	132.3	-68.8	95.1	95.1	-94.2	1.	0.0000	0.0001	0.2230	239.0	30.2
13476.	131.4	-68.8	95.7	95.7	-94.2	1.	0.0000	0.0001	0.2215	239.0	30.1
13513.	130.6	-68.8	96.2	96.2	-94.2	1.	0.0000	0.0001	0.2202	239.0	30.1
13552.	129.8	-68.8	96.7	96.7	-94.1	1.	0.0000	0.0001	0.2187	239.0	30.1
13588.	129.0	-68.8	97.2	97.2	-94.3	1.	0.0000	0.0001	0.2171	239.0	30.0
13622.	128.2	-68.8	97.6	97.6	-94.3	1.	0.0000	0.0001	0.2157	239.0	30.0
13660.	127.4	-68.8	98.1	98.1	-94.3	1.	0.0000	0.0001	0.2142	240.0	30.0
13700.	126.5	-68.8	98.7	98.7	-94.4	1.	0.0000	0.0001	0.2127	240.0	30.0
13740.	125.6	-68.8	99.2	99.2	-94.4	1.	0.0000	0.0001	0.2116	240.0	30.0
13778.	124.8	-68.8	99.7	99.7	-94.5	1.	0.0000	0.0001	0.2103	240.0	30.0
13814.	124.0	-68.8	100.2	100.2	-94.5	1.	0.0000	0.0001	0.2092	240.0	30.0
13851.	123.2	-68.8	100.7	100.7	-94.6	1.	0.0000	0.0001	0.2079	241.0	30.0
13891.	122.3	-68.8	101.2	101.2	-94.6	1.	0.0000	0.0001	0.2064	241.0	30.0
13930.	121.5	-68.8	101.7	101.7	-94.7	1.	0.0000	0.0001	0.2050	241.0	30.0
13970.	120.7	-68.8	102.2	102.2	-94.8	1.	0.0000	0.0001	0.2034	242.0	30.0
14009.	119.9	-68.8	102.7	102.7	-94.8	1.	0.0000	0.0001	0.2019	242.0	31.0
14049.	119.0	-68.8	103.2	103.2	-94.9	1.	0.0000	0.0001	0.2004	243.0	31.0
14087.	118.2	-68.8	103.7	103.7	-94.9	1.	0.0000	0.0001	0.1989	243.0	31.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	F (N/...)	IE+...*...*2 (G/M**3)	RHO (KG/M**3)	VIR (DEG)	SPEED (M/S)
14127.	118.1	-65.1	139.8	139.8	-95.1	1.	0.0001	0.0001	2.1977	245.0	31.2
14164.	117.3	-65.3	140.2	140.2	-93.3	1.	0.0001	0.0001	2.1966	244.9	31.2
14200.	116.6	-65.4	140.7	140.7	-93.4	1.	0.0001	0.0001	2.1955	244.8	31.2
14242.	115.8	-65.4	141.4	141.4	-93.4	1.	0.0001	0.0001	2.1942	244.7	31.2
14279.	115.1	-65.3	142.0	142.0	-93.3	1.	0.0001	0.0001	2.1929	244.6	31.2
14321.	114.3	-65.2	142.8	142.8	-93.2	1.	0.0001	0.0001	2.1915	244.5	31.2
14353.	113.7	-65.2	143.4	143.4	-93.2	1.	0.0001	0.0001	2.1905	244.4	31.2
14391.	113.0	-65.2	144.1	144.1	-93.2	1.	0.0001	0.0001	2.1893	244.3	31.2
14429.	112.3	-65.3	144.8	144.8	-93.3	1.	0.0001	0.0001	2.1882	244.2	31.2
14461.	111.7	-65.4	145.4	145.4	-93.4	1.	0.0001	0.0001	2.1873	244.1	31.2
14495.	111.0	-65.4	146.1	146.1	-93.4	1.	0.0001	0.0001	2.1863	244.0	31.2
14538.	110.3	-65.4	146.8	146.8	-93.4	1.	0.0001	0.0001	2.1853	243.9	31.2
14576.	109.6	-65.3	147.7	147.7	-93.3	1.	0.0001	0.0001	2.1843	243.8	31.1
14610.	109.0	-65.3	148.3	148.3	-93.3	1.	0.0001	0.0001	2.1835	243.7	31.1
14654.	108.2	-65.1	149.2	149.2	-93.1	1.	0.0001	0.0001	2.1824	243.6	31.1
14688.	107.6	-64.9	149.8	149.8	-92.9	1.	0.0001	0.0001	2.1816	243.5	31.1
14728.	106.9	-64.7	150.4	150.4	-92.7	1.	0.0001	0.0001	2.1807	243.4	31.1
14768.	106.2	-64.6	151.2	151.2	-92.6	1.	0.0001	0.0001	2.1797	243.3	31.1
14803.	105.6	-64.8	151.8	151.8	-92.8	1.	0.0001	0.0001	2.1788	243.2	31.1
14843.	104.9	-64.7	152.5	152.5	-92.7	1.	0.0001	0.0001	2.1778	243.1	31.1
14878.	104.3	-64.5	153.2	153.2	-92.7	1.	0.0001	0.0001	2.1769	243.0	31.1
14919.	103.6	-64.4	153.9	153.9	-92.6	1.	0.0001	0.0001	2.1759	242.9	31.1
14961.	102.9	-64.4	154.6	154.6	-92.6	1.	0.0001	0.0001	2.1749	242.8	31.1
14996.	102.3	-64.4	155.2	155.2	-92.6	1.	0.0001	0.0001	2.1741	242.7	31.1
15038.	101.6	-64.5	156.0	156.0	-92.5	1.	0.0001	0.0001	2.1731	242.6	31.1
15074.	101.0	-64.6	156.6	156.6	-92.6	1.	0.0001	0.0001	2.1722	242.5	31.1
15117.	100.3	-64.6	157.4	157.4	-92.6	1.	0.0001	0.0001	2.1712	242.4	31.1
15155.	99.7	-64.7	158.0	158.0	-92.7	1.	0.0001	0.0001	2.1703	242.3	31.1
15197.	99.0	-64.7	158.7	158.7	-92.7	1.	0.0001	0.0001	2.1693	242.2	31.1
15234.	98.4	-64.8	159.3	159.3	-92.8	1.	0.0001	0.0001	2.1685	242.1	31.1
15277.	97.7	-64.8	160.1	160.1	-92.8	1.	0.0001	0.0001	2.1675	242.0	31.1
15321.	97.0	-64.8	160.8	160.8	-92.8	1.	0.0001	0.0001	2.1665	241.9	31.1
15359.	96.4	-65.0	161.4	161.4	-93.0	1.	0.0001	0.0001	2.1656	241.8	31.1
15397.	95.8	-65.0	162.0	162.0	-93.0	1.	0.0001	0.0001	2.1647	241.7	31.1
15436.	95.2	-65.0	162.6	162.6	-93.0	1.	0.0001	0.0001	2.1638	241.6	31.1
15475.	94.6	-65.0	163.2	163.2	-93.0	1.	0.0001	0.0001	2.1629	241.5	31.1
15520.	93.9	-65.0	163.9	163.9	-93.0	1.	0.0001	0.0001	2.1619	241.4	31.1
15553.	93.4	-65.0	164.4	164.4	-93.0	1.	0.0001	0.0001	2.1611	241.3	31.1
15592.	92.8	-65.0	165.1	165.1	-93.0	1.	0.0001	0.0001	2.1602	241.2	31.1
15632.	92.2	-65.0	165.8	165.8	-93.0	1.	0.0001	0.0001	2.1593	241.1	31.1
15672.	91.6	-65.0	166.4	166.4	-93.0	1.	0.0001	0.0001	2.1584	241.0	31.1
15712.	91.0	-65.0	167.0	167.0	-93.0	1.	0.0001	0.0001	2.1575	240.9	31.1
15753.	90.4	-65.0	167.7	167.7	-93.0	1.	0.0001	0.0001	2.1566	240.8	31.1
15794.	89.8	-65.0	168.3	168.3	-93.0	1.	0.0001	0.0001	2.1557	240.7	31.1
15826.	89.3	-65.0	168.9	168.9	-93.0	1.	0.0001	0.0001	2.1549	240.6	31.1
15870.	88.7	-65.1	169.5	169.5	-93.1	1.	0.0001	0.0001	2.1540	240.5	31.1
15911.	88.1	-65.1	170.2	170.2	-93.1	1.	0.0001	0.0001	2.1531	240.4	31.1
15960.	87.4	-65.1	170.9	170.9	-93.1	1.	0.0001	0.0001	2.1521	240.3	31.1
16033.	86.4	-65.2	171.9	171.9	-93.2	1.	0.0001	0.0001	2.1506	240.1	31.1
16045.	86.2	-65.2	172.1	172.1	-93.2	1.	0.0001	0.0001	2.1504	240.1	31.1
16088.	85.6	-65.3	172.7	172.7	-93.3	1.	0.0001	0.0001	2.1495	240.0	31.1
16131.	85.0	-65.3	173.4	173.4	-93.3	1.	0.0001	0.0001	2.1486	239.9	31.1
16167.	84.5	-65.4	173.9	173.9	-93.4	1.	0.0001	0.0001	2.1478	239.8	31.1
16211.	83.9	-65.4	174.5	174.5	-93.4	1.	0.0001	0.0001	2.1469	239.7	31.1
16255.	83.3	-65.5	175.2	175.2	-93.5	1.	0.0001	0.0001	2.1459	239.6	31.1
16298.	82.8	-65.5	175.8	175.8	-93.5	1.	0.0001	0.0001	2.1450	239.5	31.1
16337.	82.2	-65.6	176.4	176.4	-93.6	1.	0.0001	0.0001	2.1442	239.4	31.1
16375.	81.7	-65.6	176.9	176.9	-93.6	1.	0.0001	0.0001	2.1433	239.3	31.1
16420.	81.1	-65.6	177.6	177.6	-93.6	1.	0.0001	0.0001	2.1424	239.2	31.1
16458.	80.6	-65.7	178.1	178.1	-93.7	1.	0.0001	0.0001	2.1416	239.1	31.1
16497.	80.1	-65.7	178.6	178.6	-93.7	1.	0.0001	0.0001	2.1407	239.0	31.1
16535.	79.6	-65.8	179.1	179.1	-93.8	1.	0.0001	0.0001	2.1399	238.9	31.1
16582.	79.0	-65.8	179.8	179.8	-93.8	1.	0.0001	0.0001	2.1389	238.8	31.1
16621.	78.5	-65.9	180.3	180.3	-93.9	1.	0.0001	0.0001	2.1381	238.7	31.1
16653.	78.1	-65.9	180.7	180.7	-93.9	1.	0.0001	0.0001	2.1374	238.6	31.1
16692.	77.6	-65.9	181.2	181.2	-93.9	1.	0.0001	0.0001	2.1365	238.5	31.1
16732.	77.1	-65.9	181.8	181.8	-93.9	1.	0.0001	0.0001	2.1357	238.4	31.1
16764.	76.7	-65.9	182.2	182.2	-93.9	1.	0.0001	0.0001	2.1350	238.3	31.1
16806.	76.2	-65.9	182.8	182.8	-93.9	1.	0.0001	0.0001	2.1341	238.2	31.1
16837.	75.8	-65.9	183.2	183.2	-93.9	1.	0.0001	0.0001	2.1334	238.1	31.1
16878.	75.3	-65.9	183.8	183.8	-93.9	1.	0.0001	0.0001	2.1325	238.0	31.1
16920.	74.8	-65.9	184.3	184.3	-93.9	1.	0.0001	0.0001	2.1317	237.9	31.1
16961.	74.3	-65.9	184.9	184.9	-93.9	1.	0.0001	0.0001	2.1308	237.8	31.1
17003.	73.8	-66.0	185.4	185.4	-94.0	1.	0.0001	0.0001	2.1300	237.7	31.1
17045.	73.4	-66.0	185.9	185.9	-94.0	1.	0.0001	0.0001	2.1291	237.6	31.1
17079.	72.9	-66.0	186.4	186.4	-94.0	1.	0.0001	0.0001	2.1284	237.5	31.1
17122.	72.4	-66.0	187.0	187.0	-94.0	1.	0.0001	0.0001	2.1275	237.4	31.1
17165.	71.9	-66.0	187.6	187.6	-94.0	1.	0.0001	0.0001	2.1266	237.3	31.1
17208.	71.4	-66.0	188.1	188.1	-94.0	1.	0.0001	0.0001	2.1257	237.2	31.1
17250.	70.9	-66.0	188.8	188.8	-94.0	1.	0.0001	0.0001	2.1248	237.1	31.1
17296.	70.4	-66.1	189.3	189.3	-94.1	1.	0.0001	0.0001	2.1239	237.0	31.1
17340.	69.9	-66.1	189.8	189.8	-94.1	1.	0.0001	0.0001	2.1230	236.9	31.1
17393.	69.3	-66.1	190.4	190.4	-94.1	1.	0.0001	0.0001	2.1220	236.8	31.1
17438.	68.8	-66.1	190.9	190.9	-94.1	1.	0.0001	0.0001	2.1211	236.7	31.1
17483.	68.3	-66.1	191.4	191.4	-94.1	1.	0.0001	0.0001	2.1202	236.6	31.1
17529.	67.8	-66.1	191.9	191.9	-94.1	1.	0.0001	0.0001	2.1193	236.5	31.1
17574.	67.3	-66.1	192.4	192.4	-94.1	1.	0.0001	0.0001	2.1184	236.4	31.1
17611.	66.9	-66.1	192.9	192.9	-94.1	1.	0.0001	0.0001	2.1176	236.3	31.1
17650.	66.4	-66.1	193.4	193.4	-94.1	1.	0.0001	0.0001	2.1168	236.2	31.1
17704.	65.9	-66.1	193.9	193.9	-94.1	1.	0.0001	0.0001	2.1158	236.1	31.1
17752.	65.4	-66.1	194.4	194.4	-94.1	1.	0.0001	0.0001	2.1149	236.0	31.1
17795.	64.9	-66.1	194.9	194.9	-94.1	1.	0.0001	0.0001	2.1140	235.9	31.1
17847.	64.4	-66.1	195.4	195.4	-94.1	1.	0.0001	0.0001	2.1131	235.8	31.1
17885.	64.0	-66.1	195.8	195.8	-94.1	1.	0.0001	0.0001	2.1123	235.7	31.1
17934.	63.5	-66.1	196.3	196.3	-94.1	1.	0.0001	0.0001	2.1114	235.6	31.1
17973.	63.1	-66.1	196.8	196.8	-94.1	1.	0.0001	0.0001	2.1106	235.5	31.1
18022.	62.6	-66.1	197.3	197.3	-94.1	1.	0.0001	0.0001	2.1097	235.4	31.1
18072.	62.1	-66.1	197.8	197.8	-94.1	1.	0.0001	0.0001	2.1088	235.3	31.1
18112.	61.7	-66.1	198.2	198.2	-94.1	1.	0.0001	0.0001	2.1080	235.2	31.1
18152.	61.3	-66.1	198.7	198.7	-94.1	1.	0.0001	0.0001	2.1072	235.1	31.1
18203.	60.8	-66.1	199.2	199.2	-94.1	1.	0.0001	0.0001	2.1063	235.0	31.1
18256.	60.3	-66.1	199.7	199.7	-94.1	1.	0.0001	0.0001	2.1054	234.9	31.1
18296.	59.9	-66.1	200.1	200.1	-94.1	1.	0.0001	0.0001	2.1046	234.8	31.1
18337.	59.5	-66.1	200.6	200.6	-94.1	1.	0.0001	0.0001	2.1038	234.7	31.1
18396.	58.9	-66.1	201.2	201.2	-94.1	1.	0.0001	0.0001	2.1027	234.6	31.1
18432.	58.6	-66.1	201.5	201.5	-94.1	1.	0.0001	0.0001	2.1021	234.5	31.1
18474.	58.2	-66.1	201.9	201.9	-94.1	1.	0.0001	0.0001	2.1013	234.4	31.1
18528.	57.7	-66.1	202.4	202.4	-94.1	1.	0.0001	0.0001	2.1004	234.3	31.1
18571.	57.3	-66.1	202.8	202.8	-94.1	1.	0.0001	0.0001	2.0996	234.2	31.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18613.	55.8	-60.1	216.4	216.4	-89.8	1.	0.0001	0.0001	0.0933	251.0	39.1
18669.	55.4	-60.4	216.3	216.3	-89.8	1.	0.0001	0.0001	0.0924	250.0	39.2
18714.	55.0	-60.4	216.3	216.3	-89.8	1.	0.0001	0.0001	0.0917	250.0	39.1
18756.	55.6	-60.4	216.3	216.3	-89.8	1.	0.0001	0.0001	0.0910	249.0	38.8
18803.	56.2	-59.1	216.6	216.6	-89.2	1.	0.0001	0.0001	0.0902	253.0	38.3
18840.	54.8	-59.7	216.1	216.1	-89.1	1.	0.0001	0.0001	0.0894	252.0	38.7

SOUNDING 37.
LATITUDE -60.2 LONGITUDE 2.
DATE 11- 2-81 TIME 1136 GMT
NUMBER OF LEVELS 404

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	985.0	-5.2	-5.7	-5.2	-7.3	82.	4.3586	2.6967	1.2797	350.0	13.0
46.	977.3	-5.4	-5.8	-5.3	-7.7	82.	3.1472	2.6097	1.2741	350.0	12.8
92.	971.6	-5.6	-5.8	-5.3	-8.1	82.	3.0491	2.5293	1.2684	344.0	13.6
154.	963.3	-6.3	-6.7	-6.4	-8.6	82.	2.9548	2.4232	1.2639	340.0	14.2
185.	959.7	-6.7	-7.1	-6.8	-9.0	82.	2.8592	2.3443	1.2584	336.0	14.7
229.	954.6	-7.1	-7.5	-7.2	-9.4	82.	2.7687	2.2677	1.2522	333.0	15.0
278.	949.6	-7.4	-7.8	-7.5	-9.7	82.	2.6865	2.2117	1.2457	331.0	15.1
320.	945.8	-7.6	-8.0	-7.7	-9.9	82.	2.7605	2.2676	1.2367	329.0	15.1
372.	937.3	-6.7	-1.7	-1.4	-8.5	82.	2.8574	2.3441	1.2278	327.0	15.0
419.	931.6	-6.4	-0.7	-0.4	-8.5	82.	2.9940	2.4430	1.2181	326.0	14.8
467.	925.9	-6.4	0.1	0.4	-8.2	82.	3.0621	2.5041	1.2094	324.0	14.6
517.	920.0	-6.7	0.7	1.1	-8.0	82.	3.1151	2.5456	1.2009	323.0	14.3
565.	914.4	-6.9	1.4	1.8	-7.8	82.	3.1630	2.5877	1.1927	322.0	14.1
617.	908.4	-6.2	2.2	2.5	-7.6	82.	3.2278	2.6304	1.1841	320.0	13.9
670.	902.2	-6.0	3.1	3.5	-7.2	82.	3.3356	2.7179	1.1744	320.0	13.7
722.	896.3	-4.4	4.1	4.5	-6.7	82.	3.4811	2.8310	1.1646	319.0	14.2
771.	891.7	-3.2	5.0	5.6	-6.2	82.	3.6501	2.9483	1.1554	317.0	14.5
819.	886.5	-3.7	5.0	6.3	-6.3	82.	3.6994	2.9964	1.1476	316.0	14.8
865.	881.2	-3.4	6.5	7.0	-5.8	82.	3.7570	3.0453	1.1402	313.0	15.2
913.	875.2	-3.4	7.1	7.5	-5.7	82.	3.7498	3.0699	1.1333	312.0	15.6
960.	869.6	-3.6	7.0	7.5	-5.8	82.	3.7568	3.0451	1.1265	311.0	15.9
1010.	863.2	-3.6	7.1	7.6	-5.8	82.	3.7567	3.0451	1.1195	310.0	16.1
1061.	856.6	-3.4	7.0	7.5	-5.7	82.	3.7685	3.0697	1.1119	309.0	16.3
1113.	850.0	-3.4	6.1	6.6	-5.7	82.	3.7845	3.0646	1.1046	309.0	16.6
1167.	843.2	-3.6	6.0	6.5	-5.9	82.	3.7948	3.0203	1.0979	307.0	17.1
1214.	841.6	-3.7	9.8	10.4	-8.0	82.	3.6834	2.9950	1.0911	306.0	17.5
1270.	836.2	-3.5	10.2	10.7	-6.2	82.	3.6312	2.9477	1.0848	305.0	17.7
1317.	831.2	-4.4	10.0	11.1	-6.3	82.	3.6005	2.9238	1.0787	305.0	17.6
1365.	826.1	-4.1	11.0	11.5	-6.4	82.	3.5720	2.9001	1.0725	305.0	17.7
1414.	821.5	-4.3	11.4	11.8	-6.5	82.	3.5397	2.8765	1.0663	305.0	17.8
1466.	816.6	-4.3	11.8	12.1	-6.8	82.	3.4564	2.8071	1.0604	305.0	17.8
1521.	809.9	-4.6	11.9	12.3	-7.1	82.	3.3632	2.7392	1.0541	305.0	17.8
1577.	804.6	-5.0	12.2	12.6	-7.3	82.	3.3262	2.6947	1.0480	305.0	17.9
1625.	799.3	-5.3	12.4	12.8	-7.6	82.	3.2223	2.6293	1.0422	305.0	17.7
1675.	794.2	-5.7	12.5	12.9	-8.0	82.	3.1145	2.5443	1.0379	304.0	17.4
1726.	788.7	-6.1	12.6	13.0	-8.4	82.	3.0281	2.4618	1.0313	304.0	17.2
1776.	783.0	-6.4	12.6	13.0	-8.7	82.	2.9511	2.4015	1.0250	303.0	17.1
1826.	777.0	-6.8	12.6	13.0	-9.1	82.	2.8314	2.3232	1.0186	302.0	16.9
1902.	771.4	-7.1	13.4	13.8	-9.4	82.	2.7586	2.2666	1.0123	302.0	16.7
1954.	765.8	-7.5	13.5	13.9	-9.8	82.	2.6644	2.1917	1.0064	301.0	16.6
2017.	760.1	-7.8	13.6	14.0	-10.1	82.	2.5953	2.1375	1.0000	300.0	16.5
2073.	754.6	-8.1	14.1	14.5	-10.3	82.	2.5241	2.0844	0.9939	299.0	16.3
2130.	749.1	-8.4	14.4	14.7	-10.6	82.	2.4625	2.0326	0.9877	298.0	16.3
2187.	743.6	-8.8	14.5	14.9	-11.0	82.	2.3774	1.9653	0.9819	296.0	16.3
2244.	738.2	-9.1	14.8	15.2	-11.3	82.	2.3154	1.9162	0.9758	295.0	16.4
2299.	732.9	-9.4	15.1	15.4	-11.6	82.	2.2546	1.8682	0.9699	294.0	16.4
2353.	727.8	-9.7	15.3	15.7	-11.9	82.	2.1957	1.8213	0.9642	293.0	16.6
2415.	722.0	-10.0	15.7	16.0	-12.2	82.	2.1580	1.7754	0.9576	292.0	16.7
2474.	716.5	-10.2	16.1	16.4	-12.4	82.	2.1003	1.7454	0.9510	291.0	16.9
2536.	711.2	-10.4	16.5	16.8	-12.6	82.	2.0633	1.7159	0.9448	290.0	17.0
2584.	706.3	-10.6	16.8	17.1	-12.8	82.	2.0267	1.6868	0.9388	289.0	17.2
2639.	701.2	-11.0	17.2	17.3	-13.2	82.	1.9556	1.6301	0.9334	288.0	17.2
2697.	696.0	-11.4	17.1	17.4	-13.6	82.	1.8867	1.5750	0.9279	287.0	17.5
2754.	690.8	-11.8	17.5	17.8	-14.0	82.	1.8200	1.5217	0.9223	286.0	17.5
2809.	685.9	-12.2	17.6	17.8	-14.4	82.	1.7555	1.4709	0.9171	286.0	17.8
2865.	681.3	-12.6	17.7	18.0	-14.7	82.	1.7046	1.4323	0.9120	285.0	17.8
2912.	676.6	-12.8	17.9	18.2	-15.0	82.	1.6627	1.3954	0.9067	285.0	17.9
2967.	671.8	-13.1	18.1	18.3	-15.4	82.	1.6034	1.3477	0.9016	284.0	17.9
3022.	666.9	-13.5	18.4	18.6	-15.7	82.	1.5501	1.3128	0.8961	283.0	17.9
3079.	661.9	-13.8	18.6	18.9	-16.0	82.	1.5175	1.2788	0.8903	283.0	17.9
3135.	657.1	-14.2	18.7	18.9	-16.4	82.	1.4530	1.2239	0.8855	283.0	18.1
3189.	652.4	-14.6	18.8	19.2	-16.7	82.	1.4105	1.1920	0.8802	283.0	18.1
3242.	647.6	-15.0	19.1	19.3	-17.1	82.	1.3595	1.1506	0.8753	283.0	18.1
3296.	643.2	-15.4	19.2	19.5	-17.5	82.	1.3131	1.1105	0.8704	283.0	18.3
3353.	638.4	-15.8	19.4	19.6	-17.9	82.	1.2624	1.0717	0.8652	283.0	18.4
3408.	633.7	-16.2	19.6	19.8	-18.3	82.	1.2163	1.0342	0.8602	283.0	18.4
3463.	629.1	-16.6	19.8	20.0	-18.6	82.	1.1827	1.0068	0.8549	283.0	18.4
3520.	624.5	-16.9	20.0	20.2	-19.0	82.	1.1393	0.9713	0.8497	283.0	18.5
3575.	619.8	-17.3	20.2	20.4	-19.4	82.	1.0973	0.9370	0.8448	283.0	18.5
3629.	615.3	-17.7	20.3	20.5	-19.8	82.	1.0568	0.9038	0.8400	283.0	18.6
3683.	610.9	-18.1	20.6	20.8	-20.2	82.	1.0176	0.8717	0.8353	283.0	18.6
3735.	606.6	-18.5	20.8	20.9	-20.6	82.	0.9798	0.8406	0.8307	284.0	18.6
3791.	602.1	-18.9	20.9	21.1	-20.9	82.	0.9523	0.8179	0.8255	284.0	18.6
3848.	597.5	-19.1	21.2	21.3	-21.2	82.	0.9255	0.7954	0.8201	284.0	18.6
3904.	593.0	-19.4	21.4	21.6	-21.5	82.	0.8993	0.7742	0.8149	284.0	18.6
3964.	588.2	-19.8	21.7	21.8	-21.9	82.	0.8658	0.7463	0.8095	284.0	18.6
4022.	583.6	-20.2	21.9	22.0	-22.2	82.	0.8336	0.7193	0.8044	284.0	18.6
4083.	579.1	-20.7	21.9	22.1	-22.7	82.	0.7938	0.6869	0.7998	283.0	18.6
4139.	574.5	-21.1	22.1	22.3	-23.1	82.	0.7637	0.6619	0.7947	284.0	18.5
4201.	569.6	-21.6	22.4	22.4	-23.6	82.	0.7275	0.6319	0.7894	283.0	18.5
4261.	565.0	-22.0	22.5	22.6	-24.0	82.	0.6997	0.6086	0.7843	283.0	18.5
4320.	560.5	-22.4	22.7	22.8	-24.4	82.	0.6729	0.5862	0.7793	283.0	18.5
4380.	555.9	-22.8	22.8	23.0	-24.8	82.	0.6471	0.5648	0.7741	283.0	18.5
444 .	551.4	-23.1	23.0	23.4	-25.1	82.	0.6283	0.5488	0.7687	283.0	18.5
4449.	547.0	-23.5	23.4	23.6	-25.5	82.	0.6040	0.5284	0.7638	283.0	18.5
4516.	540.7	-23.8	23.6	23.8	-25.8	82.	0.5763	0.5136	0.7587	282.0	18.4
4613.	537.7	-24.2	24.2	24.2	-26.2	82.	0.5610	0.4944	0.7543	281.0	18.2
4572.	534.5	-24.5	24.2	24.4	-26.5	82.	0.5472	0.4805	0.7495	281.0	18.3
4722.	530.4	-25.0	24.3	24.4	-27.0	82.	0.5234	0.4580	0.7450	281.0	18.3
4782.	526.1	-25.7	24.1	24.5	-27.7	82.	0.4861	0.4282	0.7411	280.0	18.3
4842.	521.7	-26.1	24.4	24.5	-28.1	82.	0.4662	0.4125	0.7361	279.0	18.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RMIX (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
4901.	517.5	-26.5	24.1	24.7	-28.4	82.	0.4476	0.3963	0.7313	278.0	17.9
4962.	513.1	-26.8	24.0	24.6	-28.7	82.	0.4342	0.3849	0.7269	277.0	17.8
5024.	508.7	-27.2	23.9	24.5	-29.1	82.	0.4169	0.3702	0.7209	277.0	18.0
5084.	504.5	-27.5	23.8	24.4	-29.4	82.	0.4043	0.3595	0.7156	277.0	18.0
5142.	500.4	-27.7	23.8	24.4	-29.6	82.	0.3962	0.3525	0.7106	277.0	18.0
5204.	496.1	-28.1	23.8	24.3	-30.0	82.	0.3883	0.3389	0.7056	276.0	18.1
5264.	492.1	-28.5	23.8	24.3	-30.4	82.	0.3653	0.3253	0.7009	276.0	18.1
5325.	487.9	-28.8	23.7	24.2	-30.8	82.	0.3503	0.3130	0.6962	276.0	18.2
5387.	483.8	-29.2	23.7	24.2	-31.2	82.	0.3361	0.3010	0.6917	276.0	18.2
5443.	480.1	-29.6	23.7	24.2	-31.5	82.	0.3258	0.2921	0.6870	275.0	18.1
5496.	476.6	-30.0	23.7	24.2	-31.9	82.	0.3126	0.2807	0.6827	275.0	18.1
5555.	472.8	-30.4	23.7	24.2	-32.3	82.	0.2998	0.2697	0.6780	275.0	18.1
5617.	468.8	-30.7	23.8	24.2	-32.6	82.	0.2905	0.2617	0.6730	276.0	18.3
5677.	464.9	-31.1	23.8	24.3	-33.0	82.	0.2766	0.2513	0.6683	276.0	18.3
5736.	461.4	-31.4	23.8	24.3	-33.3	82.	0.2699	0.2438	0.6637	275.0	18.3
5792.	457.7	-31.8	23.8	24.3	-33.7	82.	0.2598	0.2342	0.6594	275.0	18.3
5848.	454.1	-32.2	23.8	24.3	-34.1	82.	0.2481	0.2248	0.6553	275.0	18.3
5901.	450.7	-32.5	23.9	24.3	-34.5	82.	0.2378	0.2158	0.6515	275.0	18.3
5953.	447.4	-32.9	23.9	24.4	-34.8	82.	0.2254	0.2051	0.6480	275.0	18.3
6006.	444.0	-33.3	24.0	24.4	-35.2	82.	0.2137	0.1948	0.6450	275.0	18.3
6059.	440.6	-33.6	24.0	24.4	-35.6	82.	0.2047	0.1869	0.6416	275.0	18.3
6114.	437.2	-34.0	24.1	24.5	-35.9	82.	0.1961	0.1793	0.6377	274.0	18.3
6168.	433.8	-34.4	24.2	24.5	-36.3	82.	0.1858	0.1702	0.6340	274.0	18.4
6225.	430.5	-34.7	24.2	24.6	-36.7	82.	0.1779	0.1633	0.6300	273.0	18.4
6271.	427.5	-35.1	24.3	24.6	-37.1	82.	0.1723	0.1566	0.6259	273.0	18.4
6332.	424.3	-35.4	24.4	24.7	-37.5	82.	0.1648	0.1517	0.6214	273.0	18.4
6384.	421.3	-35.8	24.4	24.7	-37.8	82.	0.1577	0.1454	0.6171	273.0	18.5
6447.	418.0	-36.2	24.5	24.8	-38.2	82.	0.1493	0.1380	0.6133	272.0	18.5
6502.	415.0	-36.5	24.6	24.8	-38.6	82.	0.1428	0.1322	0.6094	272.0	18.5
6556.	412.0	-36.9	24.7	24.9	-38.9	82.	0.1382	0.1281	0.6055	272.0	18.5
6611.	409.0	-37.2	24.8	25.0	-39.3	82.	0.1322	0.1227	0.6019	272.0	18.5
6664.	406.0	-37.6	24.9	25.0	-39.6	82.	0.1250	0.1163	0.5984	272.0	18.6
6719.	403.0	-38.0	25.0	25.1	-40.0	82.	0.1169	0.1090	0.5950	272.0	18.7
6777.	399.8	-38.4	25.1	25.2	-40.4	82.	0.1105	0.1033	0.5912	272.0	18.8
6836.	396.6	-38.8	25.2	25.3	-40.8	82.	0.1056	0.0989	0.5871	271.0	18.8
6894.	393.6	-39.2	25.3	25.4	-41.2	82.	0.1009	0.0946	0.5832	271.0	18.8
6948.	390.8	-39.5	25.4	25.5	-41.6	82.	0.0963	0.0906	0.5798	271.0	18.8
7004.	387.8	-39.9	25.5	25.6	-42.0	82.	0.0911	0.0857	0.5760	271.0	18.9
7056.	385.0	-40.3	25.6	25.7	-42.4	82.	0.0870	0.0820	0.5726	270.0	19.0
7108.	382.2	-40.7	25.7	25.8	-42.8	82.	0.0830	0.0784	0.5690	270.0	19.1
7161.	379.4	-41.1	25.8	25.9	-43.2	82.	0.0792	0.0749	0.5656	270.0	19.1
7210.	376.8	-41.4	25.9	26.0	-43.6	82.	0.0761	0.0720	0.5625	270.0	19.2
7259.	374.2	-41.8	26.0	26.1	-44.0	82.	0.0731	0.0692	0.5595	270.0	19.3
7307.	371.7	-42.2	26.1	26.2	-44.4	82.	0.0703	0.0665	0.5567	270.0	19.4
7355.	369.2	-42.6	26.2	26.3	-44.8	82.	0.0676	0.0639	0.5539	270.0	19.5
7401.	366.8	-43.0	26.3	26.4	-45.2	82.	0.0651	0.0615	0.5512	270.0	19.6
7448.	364.4	-43.4	26.4	26.5	-45.6	82.	0.0626	0.0592	0.5485	270.0	19.7
7494.	362.1	-43.7	26.5	26.6	-46.0	82.	0.0603	0.0570	0.5459	270.0	19.8
7539.	359.8	-44.1	26.6	26.7	-46.4	82.	0.0581	0.0549	0.5433	270.0	19.9
7584.	357.6	-44.5	26.7	26.8	-46.8	82.	0.0559	0.0528	0.5407	270.0	20.0
7628.	355.4	-44.9	26.8	26.9	-47.2	82.	0.0538	0.0508	0.5382	270.0	20.1
7672.	353.2	-45.3	26.9	27.0	-47.6	82.	0.0518	0.0489	0.5357	270.0	20.3
7715.	351.1	-45.7	27.0	27.1	-48.0	82.	0.0498	0.0470	0.5332	270.0	20.5
7758.	349.0	-46.1	27.1	27.2	-48.4	82.	0.0478	0.0451	0.5307	270.0	20.7
7800.	346.9	-46.5	27.2	27.3	-48.8	82.	0.0459	0.0433	0.5283	271.0	20.9
7842.	344.9	-46.9	27.3	27.4	-49.2	82.	0.0441	0.0415	0.5259	271.0	21.1
7883.	342.9	-47.3	27.4	27.5	-49.6	82.	0.0423	0.0398	0.5235	271.0	21.3
7924.	340.9	-47.7	27.5	27.6	-50.0	82.	0.0406	0.0382	0.5211	271.0	21.4
7964.	339.0	-48.1	27.6	27.7	-50.4	82.	0.0389	0.0366	0.5188	271.0	21.6
8004.	337.1	-48.4	27.7	27.8	-50.8	82.	0.0373	0.0351	0.5165	271.0	21.8
8044.	335.2	-48.8	27.8	27.9	-51.2	82.	0.0357	0.0336	0.5142	271.0	21.9
8083.	333.4	-49.2	27.9	28.0	-51.6	82.	0.0342	0.0322	0.5120	271.0	22.1
8122.	331.6	-49.6	28.0	28.1	-52.0	82.	0.0327	0.0308	0.5098	271.0	22.3
8161.	329.8	-49.9	28.1	28.2	-52.4	82.	0.0313	0.0295	0.5076	271.0	22.5
8199.	328.0	-50.3	28.2	28.3	-52.8	82.	0.0299	0.0282	0.5055	271.0	22.7
8237.	326.3	-50.7	28.3	28.4	-53.2	82.	0.0286	0.0269	0.5034	271.0	22.9
8275.	324.6	-51.1	28.4	28.5	-53.6	82.	0.0273	0.0257	0.5013	271.0	23.1
8312.	322.9	-51.4	28.5	28.6	-54.0	82.	0.0260	0.0245	0.4993	271.0	23.3
8349.	321.2	-51.8	28.6	28.7	-54.4	82.	0.0248	0.0233	0.4973	271.0	23.5
8385.	319.6	-52.2	28.7	28.8	-54.8	82.	0.0236	0.0222	0.4953	271.0	23.7
8421.	318.0	-52.6	28.8	28.9	-55.2	82.	0.0225	0.0211	0.4933	271.0	23.9
8457.	316.4	-52.9	28.9	29.0	-55.6	82.	0.0214	0.0201	0.4914	271.0	24.1
8492.	314.8	-53.3	29.0	29.1	-56.0	82.	0.0203	0.0191	0.4895	271.0	24.3
8527.	313.3	-53.7	29.1	29.2	-56.4	82.	0.0193	0.0181	0.4876	271.0	24.5
8562.	311.8	-54.1	29.2	29.3	-56.8	82.	0.0183	0.0172	0.4858	271.0	24.7
8596.	310.3	-54.4	29.3	29.4	-57.2	82.	0.0174	0.0163	0.4840	271.0	24.9
8630.	308.8	-54.8	29.4	29.5	-57.6	82.	0.0165	0.0154	0.4822	271.0	25.1
8664.	307.4	-55.2	29.5	29.6	-58.0	82.	0.0156	0.0146	0.4805	271.0	25.3
8697.	305.9	-55.5	29.6	29.7	-58.4	82.	0.0148	0.0138	0.4788	271.0	25.5
8730.	304.5	-55.9	29.7	29.8	-58.8	82.	0.0140	0.0131	0.4771	271.0	25.7
8763.	303.1	-56.3	29.8	29.9	-59.2	82.	0.0132	0.0123	0.4754	271.0	25.9
8795.	301.8	-56.7	29.9	30.0	-59.6	82.	0.0125	0.0116	0.4738	271.0	26.1
8827.	300.4	-57.0	30.0	30.1	-60.0	82.	0.0118	0.0110	0.4722	271.0	26.3
8859.	299.1	-57.4	30.1	30.2	-60.4	82.	0.0111	0.0103	0.4706	271.0	26.5
8890.	297.8	-57.8	30.2	30.3	-60.8	82.	0.0104	0.0097	0.4690	271.0	26.7
8921.	296.5	-58.2	30.3	30.4	-61.2	82.	0.0098	0.0091	0.4675	271.0	26.9
8952.	295.2	-58.5	30.4	30.5	-61.6	82.	0.0092	0.0085	0.4660	271.0	27.1
8983.	293.9	-58.9	30.5	30.6	-62.0	82.	0.0086	0.0080	0.4645	271.0	27.3
9013.	292.7	-59.3	30.6	30.7	-62.4	82.	0.0081	0.0075	0.4630	271.0	27.5
9044.	291.4	-59.7	30.7	30.8	-62.8	82.	0.0076	0.0070	0.4615	271.0	27.7
9074.	290.2	-60.0	30.8	30.9	-63.2	82.	0.0071	0.0066	0.4601	271.0	27.9
9104.	289.0	-60.4	30.9	31.0	-63.6	82.	0.0066	0.0062	0.4586	271.0	28.1
9134.	287.8	-60.8	31.0	31.1	-64.0	82.	0.0062	0.0057	0.4572	271.0	28.3
9163.	286.6	-61.2	31.1	31.2	-64.4	82.	0.0057	0.0053	0.4558	271.0	28.5
9192.	285.4	-61.5	31.2	31.3	-64.8	82.	0.0053	0.0049	0.4544	271.0	28.7
9221.	284.2	-61.9	31.3	31.4	-65.2	82.	0.0049	0.0045	0.4530	271.0	28.9
9250.	283.1	-62.3	31.4	31.5	-65.6	82.	0.0045	0.0042	0.4516	271.0	29.1
9279.	281.9	-62.7	31.5	31.6	-66.0	82.	0.0042	0.0038	0.4503	271.0	29.3
9307.	280.8	-63.0	31.6	31.7	-66.4	82.	0.0038	0.0035	0.4489	271.0	29.5
9335.	279.7	-63.4	31.7	31.8	-66.8	82.	0.0035	0.0032	0.4476	271.0	29.7
9363.	278.6	-63.8	31.8	31.9	-67.2	82.	0.0032	0.0029	0.4463	271.0	29.9
9391.	277.5	-64.2	31.9	32.0	-67.6	82.	0.0029	0.0026	0.4450	271.0	30.1
9419.	276.4	-64.5	32.0	32.1	-68.0	82.	0.0026	0.0024	0.4437	271.0	30.3
9446.	275.4	-64.9	32.1	32.2	-68.4	82.	0.0024	0.0021	0.4424	271.0	30.5
9473.	274.3	-65.3	32.2	32.3	-68.8	82.	0.0021	0.0019	0.4411	271.0	30.7
9500.	273.3	-65.7	32.3	32.4	-69.2	82.	0.0019	0.0017	0.4399	271.0	30.9
9527.	272.2	-66.0	32.4	32.5	-69.6	82.	0.0017	0.0015	0.4386	271.0	31.1
9554.	271.2	-66.4	32.5	32.6	-70.0	82.	0.0015	0.0013	0.4374	271.0	31.3
9580.	270.2	-66.8	32.6	32.7	-70.4	82.	0.0013	0.0011	0.4362	271.0	31.5
9606.	269.2	-67.2	32.7	32.8	-70.8	82.	0.0011	0.0010	0.4350	271.0	31.7
9632.	268.2	-67.5	32.8	32.9	-71.2	82.	0.0010	0.0008	0.4338	271.0	31.9
9658.	267.2	-67.9	32.9	33.0	-71.6	82.	0.0008	0.0007	0.4326	271.0	32.1
9684.	266.2	-68.3	33.0	33.1	-72.0	82.	0.0007	0.0006	0.4314	271.0	32.3
9709.	265.2	-68.7	33.1	33.2	-72.4	82.	0.0006	0.0005	0.4303	271.0	32.5
9735.	264.2	-69.0	33.2	33.3	-72.8	82.	0.0005	0.0004	0.4291	271.0	32.7
9760.	263.2	-69.4	33.3	33.4	-73.2	82.	0.0004	0.0003	0.4280	271.0	32.9
9785.	262.2	-69.8	33.4	33.5	-73.6	82.	0.0003	0.0003	0.4268	271.0	33.1
9810.	261.2	-70.2	33.5	33.6	-74.0	82.	0.0003	0.0002	0.4257	271.0	33.3
9835.	260.2	-70.5	33.6	33.7	-74.4	82.	0.0002	0.0002	0.4246	271.0	33.5
9860.	259.2	-70.9	33.7	33.8	-74.8	82.	0.0002	0.0001	0.4235	271.0	33.7
9885.	258.2	-71.3	33.8	33.9	-75.2	82.	0.0001	0.0001	0.4224	271.0	33.9
9909.	257.2	-71.7	33.9	34.0	-75.6	82.	0.0001	0.0001	0.4213	271.0	34.1
9934.	256.2	-72.0	34.0	34.1	-76.0	82.	0.0001	0.0000	0.4202	271.0	34.3
9958.	255.2	-72.4	34.1	34.2	-76.4	82.	0.0000	0.0000	0.4191	271.0	34.5
9982.	254.2	-72.8	34.2	34.3	-76.8	82.	0.0000	0.0000	0.4180	271.0	34.7
10006.	253.2	-73.2	34.3	34.4	-77.2	82.	0.0000	0.0000	0.4169	271.0	34.9
10030.	252.2	-73.6	34.4	34.5	-77.6	82.	0.0000	0.0000	0.4158	271.0	35.1
10054.	251.2	-73.9	34.5	34.6	-78.0	82.	0.0000	0.0000	0.4147	271.0	35.3
10078.	250.2	-74.3	34.6	34.7	-78.4	82.	0.0000	0.0000	0.4136	271.0	35.5
10102.	249.2	-74.7	34.7	34.8	-78.8	82.	0.0000	0.0000	0.4125	271.0	35.7
10126.	248.2	-75.1	34.8	34.9	-79.2	82.	0.0000	0.0000	0.4114	271.0	35.9
10150.	247.2	-75.5	34.9	35.0	-79.6	82.	0.0000	0.0000	0.4103	271.0	36.1
10174.	246.2	-75.8	35.0	35.1	-80.0	82.	0.0000	0.0000	0.4092	271.0	36.3
10198.	245.2	-76.2	35.1	35.2	-80.4	82.	0.0000	0.0000	0.4081	271.0	36.5
10222.	244.2	-76.6	35.2	35.3	-80.8	82.	0.0000	0.0000	0.4070	271.0	36.7
10246.	243.2	-77.0	35.3	35.4	-81.2	82.	0.0000	0.0000	0.4059	271.0	36.9
10270.	242.2	-77.4	35.4	35.5	-81.6	82.	0.0000	0.0000	0.4048	271.0	37.1
10294.	241.2	-77.8	35.5	35.6	-82.0	82.	0.0000	0.0000	0.4037	271.0	37.3
10318.	240.2	-78.2	35.6	35.7	-82.4	82.	0.0000	0.0000	0.4026	271.0	37.5
10342.	239.2	-78.6	35.7	35.8	-82.8	82.	0.0000	0.0000	0.4015	271.0	37.7
10366.	238.2	-79.0	35.8	35.9	-83.2	82.	0.0000	0.0000	0.4004	271.0	37.9
10390.	237.2	-79.4	35.9	36.0	-83.6	82.	0.0000	0.0000	0.3993	271.0	38.1
10414.	236.2	-79.8	36.0	36.1	-84.0	82.	0.0000	0.0000	0.3982	271.0	38.3
10438.	235.2	-80.2	36.1	36.2	-84.4	82.	0.0000	0.0000	0.3971	271.0	38.5
10462.	234.2	-80.6	36.2	36.3	-84.8	82.	0.0000	0.0000	0.3960	271.0	38.7
10486.	233.2	-81.0	36.3	36.4	-85.2	82.	0.0000	0.0000	0.3949	271.0	38.9
10510.	232.2	-81.4	36.4	36.5	-85.6	82.	0.0000	0.0000	0.3938	271.0	39.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+2*SHUM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10566.	219.0	-65.5	47.3	47.3	-66.9	82.	0.0041	0.0043	0.3674	275.0	31.4
10616.	217.3	-65.6	47.5	47.5	-67.2	82.	0.0040	0.0042	0.3651	275.0	31.5
10663.	215.6	-66.1	47.8	47.8	-67.5	82.	0.0038	0.0040	0.3627	275.0	31.6
10714.	213.8	-66.6	47.8	47.8	-68.0	82.	0.0035	0.0037	0.3606	276.0	31.7
10762.	212.1	-67.0	47.9	47.9	-68.4	82.	0.0033	0.0035	0.3584	276.0	31.8
10816.	210.2	-67.4	48.1	48.1	-68.8	82.	0.0031	0.0033	0.3559	276.0	31.8
10865.	208.5	-67.7	48.4	48.4	-69.1	82.	0.0030	0.0032	0.3535	275.0	31.8
10917.	206.7	-68.0	48.7	48.7	-69.3	82.	0.0029	0.0031	0.3510	275.0	31.8
10970.	204.9	-68.2	49.2	49.2	-69.5	82.	0.0028	0.0030	0.3483	274.0	31.7
11016.	203.3	-68.5	49.4	49.4	-69.6	82.	0.0027	0.0028	0.3461	275.0	31.8
11061.	201.6	-68.8	49.6	49.6	-70.1	82.	0.0026	0.0027	0.3440	274.0	31.7
11111.	200.1	-68.7	50.6	50.6	-70.0	82.	0.0026	0.0028	0.3410	273.0	31.6
11159.	198.5	-68.5	51.6	51.6	-69.8	82.	0.0027	0.0028	0.3379	273.0	31.5
11211.	196.6	-66.3	52.7	52.7	-69.6	82.	0.0026	0.0029	0.3347	272.0	31.5
11263.	195.1	-66.0	54.0	54.0	-69.3	82.	0.0029	0.0031	0.3313	271.0	31.4
11312.	193.5	-67.9	55.0	55.0	-69.2	82.	0.0029	0.0031	0.3284	270.0	31.3
11368.	191.7	-67.8	56.2	56.2	-69.2	82.	0.0030	0.0031	0.3252	270.0	31.2
11422.	190.0	-67.6	57.2	57.2	-69.0	82.	0.0030	0.0032	0.3220	269.0	31.1
11476.	188.3	-67.2	58.7	58.7	-68.6	82.	0.0032	0.0034	0.3185	268.0	31.0
11530.	186.6	-67.0	59.8	59.8	-68.4	82.	0.0033	0.0035	0.3153	266.0	31.0
11589.	184.8	-67.0	60.8	60.8	-68.4	82.	0.0033	0.0035	0.3123	265.0	31.0
11641.	183.2	-66.9	61.8	61.8	-68.3	82.	0.0034	0.0036	0.3094	264.0	31.1
11693.	181.7	-66.8	62.7	62.7	-68.2	82.	0.0034	0.0036	0.3067	262.0	31.1
11741.	180.2	-66.6	63.6	63.6	-68.0	82.	0.0035	0.0037	0.3039	261.0	31.1
11788.	178.8	-66.6	64.1	64.1	-67.7	82.	0.0037	0.0039	0.3011	261.0	31.2
11836.	177.4	-66.5	65.0	65.0	-67.8	82.	0.0036	0.0038	0.2991	260.0	31.0
11883.	176.0	-66.7	65.2	65.2	-68.1	82.	0.0035	0.0037	0.2970	259.0	31.6
11928.	174.7	-66.6	66.5	66.5	-68.2	82.	0.0034	0.0036	0.2949	258.0	31.7
11977.	173.3	-66.7	67.4	67.4	-68.1	82.	0.0035	0.0037	0.2924	258.0	32.0
12019.	172.1	-66.6	68.3	68.3	-68.0	82.	0.0035	0.0037	0.2903	258.0	32.2
12064.	170.8	-66.4	69.4	69.4	-67.8	82.	0.0036	0.0039	0.2878	257.0	32.6
12111.	169.5	-66.3	70.3	70.3	-67.7	82.	0.0037	0.0039	0.2855	256.0	32.9
12157.	168.2	-66.3	71.0	71.0	-67.7	82.	0.0037	0.0039	0.2833	256.0	33.2
12208.	166.9	-66.4	71.7	71.7	-67.8	82.	0.0036	0.0038	0.2811	256.0	33.7
12259.	165.4	-66.4	72.5	72.5	-67.8	82.	0.0036	0.0038	0.2787	259.0	34.2
12306.	164.1	-66.3	73.5	73.5	-67.7	82.	0.0037	0.0039	0.2764	259.0	34.6
12354.	162.8	-66.4	74.1	74.1	-67.8	82.	0.0036	0.0038	0.2743	258.0	35.1
12399.	161.6	-66.4	74.8	74.8	-67.8	82.	0.0036	0.0038	0.2723	258.0	35.5
12448.	160.3	-66.4	75.6	75.6	-67.8	82.	0.0036	0.0039	0.2701	255.0	35.8
12495.	159.1	-66.3	76.5	76.5	-67.7	82.	0.0037	0.0039	0.2679	255.0	36.1
12547.	157.7	-66.2	77.6	77.6	-67.6	82.	0.0037	0.0039	0.2655	255.0	36.4
12597.	156.4	-66.4	78.8	78.8	-67.4	82.	0.0038	0.0040	0.2630	255.0	36.7
12647.	155.1	-66.7	80.1	80.1	-67.1	82.	0.0040	0.0042	0.2605	255.0	37.1
12695.	153.8	-66.8	81.3	81.3	-66.9	82.	0.0041	0.0043	0.2580	254.0	37.4
12746.	152.6	-66.9	82.1	82.1	-66.9	82.	0.0041	0.0043	0.2560	255.0	37.6
12798.	151.3	-66.9	83.0	83.0	-66.9	82.	0.0041	0.0043	0.2538	254.0	37.6
12850.	150.0	-66.9	83.7	83.7	-67.0	82.	0.0041	0.0043	0.2518	254.0	38.1
12903.	148.7	-66.7	84.4	84.4	-67.1	82.	0.0040	0.0042	0.2497	253.0	38.4
12952.	147.5	-66.6	85.0	85.0	-67.2	82.	0.0040	0.0042	0.2478	253.0	38.5
13002.	146.3	-66.5	85.7	85.7	-67.3	82.	0.0039	0.0041	0.2459	252.0	38.8
13056.	145.0	-66.4	86.4	86.4	-67.4	82.	0.0038	0.0040	0.2438	252.0	39.0
13110.	143.7	-66.3	87.4	87.4	-67.4	82.	0.0038	0.0040	0.2417	252.0	39.2
13176.	142.3	-66.1	88.2	88.2	-67.5	82.	0.0038	0.0040	0.2394	252.0	39.5
13225.	141.0	-66.1	89.2	89.2	-67.5	82.	0.0038	0.0040	0.2372	252.0	39.7
13277.	139.6	-66.0	90.2	90.2	-67.4	82.	0.0038	0.0040	0.2351	251.0	39.9
13329.	138.2	-65.9	91.2	91.2	-67.3	82.	0.0039	0.0041	0.2330	251.0	40.3
13382.	136.9	-65.9	92.2	92.2	-67.3	82.	0.0039	0.0041	0.2310	251.0	40.5
13431.	135.7	-65.9	93.0	93.0	-67.3	82.	0.0039	0.0041	0.2291	251.0	40.8
13475.	134.5	-65.8	94.0	94.0	-67.2	82.	0.0040	0.0042	0.2273	250.0	41.0
13523.	133.3	-65.7	94.9	94.9	-67.1	82.	0.0040	0.0042	0.2255	250.0	41.2
13566.	132.3	-65.6	95.9	95.9	-67.0	82.	0.0041	0.0043	0.2237	250.0	41.4
13611.	131.3	-65.6	96.7	96.7	-67.1	82.	0.0041	0.0043	0.2221	250.0	41.6
13653.	130.4	-65.6	97.4	97.4	-67.1	82.	0.0040	0.0042	0.2207	250.0	41.8
13695.	129.4	-65.7	98.1	98.1	-67.1	82.	0.0040	0.0042	0.2190	250.0	42.0
13741.	128.5	-65.7	98.8	98.8	-67.1	82.	0.0040	0.0042	0.2175	250.0	42.2
13783.	127.6	-65.7	99.5	99.5	-67.1	82.	0.0040	0.0042	0.2160	250.0	42.3
13831.	126.6	-65.6	100.5	100.5	-67.0	82.	0.0041	0.0043	0.2142	250.0	42.5
13878.	125.6	-65.4	101.7	101.7	-66.8	82.	0.0042	0.0044	0.2123	250.0	42.7
13927.	124.6	-65.2	102.9	102.9	-66.6	82.	0.0043	0.0045	0.2104	250.0	42.9
13980.	123.5	-65.1	104.1	104.1	-66.5	82.	0.0044	0.0046	0.2085	250.0	43.1
14034.	122.4	-65.0	105.3	105.3	-66.4	82.	0.0044	0.0046	0.2065	250.0	43.3
14084.	121.4	-64.9	106.3	106.3	-66.3	82.	0.0045	0.0047	0.2048	250.0	43.5
14133.	120.4	-64.9	107.3	107.3	-66.3	82.	0.0045	0.0047	0.2031	250.0	43.7
14184.	119.4	-64.9	107.9	107.9	-66.4	82.	0.0044	0.0046	0.2015	250.0	43.8
14240.	118.3	-65.0	108.9	108.9	-66.4	82.	0.0044	0.0046	0.1997	250.0	43.9
14296.	117.2	-64.9	110.1	110.1	-66.3	82.	0.0045	0.0047	0.1977	250.0	44.0
14352.	117.1	-64.8	111.2	111.2	-66.2	82.	0.0046	0.0048	0.1958	250.0	44.2
14409.	115.1	-64.7	112.4	112.4	-66.1	82.	0.0046	0.0048	0.1940	250.0	44.4
14463.	114.0	-64.7	113.5	113.5	-66.1	82.	0.0046	0.0048	0.1922	250.0	44.5
14522.	113.0	-64.7	114.5	114.5	-66.1	82.	0.0046	0.0048	0.1904	250.0	44.6
14581.	112.0	-64.6	115.5	115.5	-66.0	82.	0.0047	0.0049	0.1884	250.0	44.8
14641.	111.0	-64.5	117.1	117.1	-65.8	82.	0.0048	0.0050	0.1865	250.0	44.9
14696.	110.0	-64.4	118.0	118.0	-65.7	82.	0.0049	0.0051	0.1847	250.0	45.0
14757.	109.0	-64.3	119.0	119.0	-65.6	82.	0.0050	0.0052	0.1826	250.0	45.2
14807.	108.0	-64.3	121.1	121.1	-65.4	82.	0.0051	0.0053	0.1811	250.0	45.3
14863.	107.0	-64.1	121.8	121.8	-65.5	82.	0.0050	0.0052	0.1795	250.0	45.4
14920.	106.0	-64.0	122.8	122.8	-65.7	82.	0.0049	0.0051	0.1780	250.0	45.5
14972.	105.0	-64.0	123.8	123.8	-65.7	82.	0.0049	0.0051	0.1765	250.0	45.6
15024.	104.0	-64.0	124.8	124.8	-65.7	82.	0.0049	0.0051	0.1750	250.0	45.8
15077.	104.0	-64.1	125.8	125.8	-65.8	82.	0.0050	0.0053	0.1733	250.0	45.9
15130.	103.1	-63.9	126.7	126.7	-66.0	82.	0.0051	0.0054	0.1716	250.0	46.0
15178.	102.3	-63.7	127.5	127.5	-66.1	82.	0.0052	0.0055	0.1702	250.0	46.1
15226.	101.5	-63.6	128.4	128.4	-66.2	82.	0.0053	0.0056	0.1687	250.0	46.1
15274.	100.7	-63.6	129.2	129.2	-66.2	82.	0.0053	0.0056	0.1674	250.0	46.1
15317.	100.0	-63.6	130.0	130.0	-66.2	82.	0.0053	0.0056	0.1662	250.0	46.1
15362.	99.2	-63.6	130.8	130.8	-66.2	82.	0.0053	0.0056	0.1648	250.0	46.1
15412.	98.5	-63.5	131.7	131.7	-66.2	82.	0.0054	0.0057	0.1637	250.0	46.2
15453.	97.8	-63.5	132.4	132.4	-66.2	82.	0.0054	0.0057	0.1625	250.0	46.2
15497.	97.1	-63.5	133.1	133.1	-66.2	82.	0.0054	0.0056	0.1613	250.0	46.2
15542.	96.4	-63.7	133.8	133.8	-66.4	82.	0.0053	0.0056	0.1602	250.0	46.2
15593.	95.6	-63.6	134.7	134.7	-66.4	82.	0.0053	0.0056	0.1586	250.0	46.2
15638.	94.9	-63.7	135.4	135.4	-66.3	82.	0.0053	0.0056	0.1572	250.0	46.2
15690.	94.1	-63.7	136.2	136.2	-66.1	82.	0.0054	0.0056	0.1558	250.0	46.2
15736.	93.4	-63.7	136.9	136.9	-66.1	82.	0.0054	0.0056	0.1546	250.0	46.2
15788.	92.6	-63.6	137.8	137.8	-66.0	82.	0.0054	0.0056	0.1532	250.0	46.2
15842.	91.8	-63.6	138.6	138.6	-65.9	82.	0.0054	0.0056	0.1518	250.0	46.1
15898.	91.0	-63.4	139.4	139.4	-65.8	82.	0.0054	0.0056	0.1504	250.0	46.1
15951.	90.2	-63.3	140.2	140.2	-65.8	82.	0.0054	0.0056	0.1490	250.0	46.1
16008.	89.4	-63.1	141.0	141.0	-65.7	82.	0.0054	0.0056	0.1476	250.0	46.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
16061.	88.6	-62.1	148.6	148.6	-63.5	82.	0.0067	0.0069	0.1463	258.0	44.6
16124.	87.7	-62.1	149.8	149.8	-63.5	82.	0.0067	0.0069	0.1448	258.0	44.4
16181.	86.9	-62.0	151.1	151.1	-63.4	82.	0.0067	0.0070	0.1434	258.0	44.3
16245.	86.0	-62.0	152.4	152.4	-63.4	82.	0.0067	0.0070	0.1419	258.0	44.2
16303.	85.2	-62.0	153.5	153.5	-63.4	82.	0.0067	0.0070	0.1406	259.0	44.2
16361.	84.4	-61.9	154.9	154.9	-63.3	82.	0.0068	0.0071	0.1392	259.0	44.1
16420.	83.6	-61.9	156.0	156.0	-63.3	82.	0.0068	0.0071	0.1379	259.0	44.1
16479.	82.8	-61.8	157.4	157.4	-63.2	82.	0.0069	0.0072	0.1365	259.0	44.2
16532.	82.1	-61.8	158.5	158.5	-63.2	82.	0.0069	0.0072	0.1353	259.0	44.2
16585.	81.4	-61.8	159.5	159.5	-63.2	82.	0.0069	0.0072	0.1342	259.0	44.3
16646.	80.6	-61.7	160.9	161.0	-63.1	82.	0.0070	0.0073	0.1328	259.0	44.4
16707.	79.8	-61.6	162.4	162.4	-63.0	82.	0.0071	0.0073	0.1314	259.0	44.5
16762.	79.1	-61.7	163.3	163.3	-63.1	82.	0.0070	0.0073	0.1303	259.0	44.6
16825.	78.3	-61.8	164.1	164.1	-63.3	82.	0.0068	0.0071	0.1291	259.0	44.7
16880.	77.6	-62.0	165.0	165.1	-63.4	82.	0.0067	0.0070	0.1280	259.0	44.8
16928.	77.0	-62.0	166.0	166.0	-63.4	82.	0.0067	0.0070	0.1270	259.0	44.9
16984.	76.3	-61.9	167.4	167.4	-63.3	82.	0.0068	0.0071	0.1258	259.0	45.2
17041.	75.6	-61.8	168.7	168.8	-63.2	82.	0.0069	0.0072	0.1246	259.0	45.3
17090.	75.0	-61.8	169.8	169.8	-63.2	82.	0.0069	0.0072	0.1236	259.0	45.4
17140.	74.4	-61.9	170.6	170.6	-63.3	82.	0.0068	0.0071	0.1227	259.0	45.5
17190.	73.8	-62.1	171.2	171.2	-63.5	82.	0.0067	0.0069	0.1218	259.0	45.5
17240.	73.2	-62.2	172.0	172.0	-63.6	82.	0.0066	0.0068	0.1209	259.0	45.6
17300.	72.5	-62.3	173.0	173.0	-63.7	82.	0.0065	0.0067	0.1198	259.0	45.7
17351.	71.9	-62.4	173.5	173.9	-63.8	82.	0.0064	0.0066	0.1189	259.0	45.8
17402.	71.3	-62.1	175.6	175.6	-63.5	82.	0.0067	0.0069	0.1177	259.0	45.9
17455.	70.7	-61.7	177.5	177.5	-63.1	82.	0.0070	0.0073	0.1165	259.0	45.9
17507.	70.1	-61.4	179.2	179.3	-62.8	82.	0.0073	0.0075	0.1153	259.0	46.0
17561.	69.5	-61.1	181.0	181.0	-62.5	82.	0.0076	0.0079	0.1142	259.0	46.1
17623.	68.8	-61.0	182.5	182.5	-62.4	82.	0.0077	0.0080	0.1130	259.0	46.1
17678.	68.2	-61.0	183.7	183.7	-62.4	82.	0.0077	0.0080	0.1120	259.0	46.1
17733.	67.6	-60.9	185.0	185.1	-62.3	82.	0.0078	0.0081	0.1110	259.0	46.1
17788.	67.0	-60.8	186.4	186.4	-62.2	82.	0.0080	0.0082	0.1099	259.0	46.2
17844.	66.4	-60.6	188.0	188.1	-62.0	82.	0.0082	0.0084	0.1088	259.0	46.2
17910.	65.7	-60.3	190.1	190.1	-61.8	82.	0.0085	0.0087	0.1075	259.0	46.3
17967.	65.1	-60.1	191.7	191.8	-61.6	82.	0.0087	0.0090	0.1065	259.0	46.3
18024.	64.5	-60.0	193.2	193.2	-61.5	82.	0.0089	0.0091	0.1054	259.0	46.3
18083.	63.9	-59.8	194.9	194.9	-61.3	82.	0.0091	0.0093	0.1043	259.0	46.3
18141.	63.3	-60.1	195.5	195.5	-61.6	82.	0.0087	0.0090	0.1035	259.0	46.3
18201.	62.7	-60.3	196.3	196.3	-61.8	82.	0.0085	0.0087	0.1026	259.0	46.2
18261.	62.1	-60.5	197.2	197.2	-61.9	82.	0.0083	0.0085	0.1017	259.0	46.3
18311.	61.6	-60.5	198.2	198.3	-61.9	82.	0.0083	0.0085	0.1009	258.0	46.3
18372.	61.0	-60.5	199.6	199.6	-61.9	82.	0.0083	0.0085	0.0999	258.0	46.3
18423.	60.5	-60.4	200.9	200.9	-61.8	82.	0.0084	0.0086	0.0991	258.0	46.2
18474.	60.0	-60.3	202.2	202.3	-61.8	82.	0.0085	0.0087	0.0982	258.0	46.2
18527.	59.5	-60.1	203.9	203.9	-61.6	82.	0.0087	0.0090	0.0973	258.0	46.3
18580.	58.9	-60.1	205.4	205.5	-61.5	82.	0.0089	0.0091	0.0963	258.0	46.2
18643.	58.4	-60.0	206.6	206.6	-61.5	82.	0.0089	0.0091	0.0955	258.0	46.2
18698.	57.9	-60.0	207.8	207.8	-61.5	82.	0.0089	0.0091	0.0946	258.0	46.2
18750.	57.4	-60.1	208.8	208.8	-61.6	82.	0.0087	0.0090	0.0939	258.0	46.2
18816.	56.8	-60.3	210.7	210.8	-61.8	82.	0.0085	0.0087	0.0930	258.0	46.2
18871.	56.3	-60.4	210.7	210.8	-61.8	82.	0.0084	0.0086	0.0922	258.0	46.2
18926.	55.8	-60.5	211.7	211.8	-61.9	82.	0.0083	0.0085	0.0914	258.0	46.3
18982.	55.3	-60.6	212.8	212.8	-62.0	82.	0.0082	0.0084	0.0906	258.0	46.3
19039.	54.8	-60.6	214.1	214.1	-62.0	82.	0.0082	0.0084	0.0898	258.0	46.3
19095.	54.3	-60.6	215.3	215.3	-62.0	82.	0.0082	0.0084	0.0890	258.0	46.4
19153.	53.8	-60.7	216.4	216.4	-62.1	82.	0.0081	0.0083	0.0882	258.0	46.4
19211.	53.3	-60.8	217.4	217.5	-62.2	82.	0.0080	0.0082	0.0874	258.0	46.5
19270.	52.8	-60.8	218.5	218.6	-62.2	82.	0.0080	0.0082	0.0866	258.0	46.5
19329.	52.3	-60.8	219.6	219.6	-62.3	82.	0.0082	0.0084	0.0857	258.0	46.7
19388.	51.8	-60.3	220.7	220.7	-61.8	82.	0.0085	0.0087	0.0848	258.0	46.8
19449.	51.3	-60.2	221.9	221.9	-61.7	82.	0.0086	0.0088	0.0839	258.0	46.9
19510.	50.8	-60.1	223.1	223.1	-61.5	82.	0.0089	0.0091	0.0830	257.0	47.2
19572.	50.3	-59.9	224.3	224.3	-61.3	82.	0.0091	0.0093	0.0821	257.0	47.4
19634.	49.8	-59.8	225.4	225.4	-61.2	82.	0.0094	0.0097	0.0812	257.0	47.8
19697.	49.3	-59.1	226.5	226.6	-60.6	82.	0.0102	0.0105	0.0802	257.0	48.1
19746.	48.9	-58.9	227.6	227.6	-60.4	82.	0.0103	0.0105	0.0795	257.0	48.5
19812.	48.4	-58.6	228.8	228.8	-60.3	82.	0.0104	0.0106	0.0787	256.0	48.9
19864.	48.0	-58.6	229.8	229.8	-60.1	82.	0.0107	0.0109	0.0779	256.0	49.3
19920.	47.5	-58.9	230.9	230.9	-60.5	82.	0.0111	0.0112	0.0771	256.0	49.7
19963.	47.1	-58.7	231.4	231.4	-60.7	82.	0.0113	0.0115	0.0763	255.0	50.2
20037.	46.7	-58.6	232.6	232.6	-60.7	82.	0.0113	0.0115	0.0757	255.0	50.7
20041.	46.6	-58.4	233.1	233.1	-60.5	82.	0.0114	0.0116	0.0750	255.0	51.2
20145.	46.2	-58.2	233.8	233.8	-60.5	82.	0.0116	0.0118	0.0743	255.0	51.5
20201.	45.8	-57.8	234.4	234.4	-59.8	82.	0.0119	0.0121	0.0736	254.0	52.0
20271.	45.4	-57.6	235.4	235.4	-59.1	82.	0.0122	0.0124	0.0727	254.0	52.4
20326.	44.9	-57.4	236.1	236.1	-58.9	82.	0.0124	0.0127	0.0720	254.0	52.7
20383.	44.5	-57.2	236.8	236.8	-58.7	82.	0.0128	0.0130	0.0713	254.0	52.9
20441.	44.0	-57.0	237.5	237.5	-58.5	82.	0.0131	0.0134	0.0706	254.0	53.2
20494.	43.6	-57.0	238.1	238.1	-58.5	82.	0.0131	0.0134	0.0701	254.0	53.4
20545.	43.1	-56.8	238.7	238.7	-58.4	82.	0.0134	0.0135	0.0694	253.0	53.5
20601.	42.7	-56.7	239.6	239.7	-58.3	82.	0.0138	0.0139	0.0687	253.0	53.5
20661.	42.3	-56.7	240.1	240.1	-58.3	82.	0.0138	0.0139	0.0681	253.0	53.6
20721.	41.9	-56.6	240.8	240.8	-58.3	82.	0.0143	0.0144	0.0674	253.0	53.5
20782.	41.5	-56.4	241.5	241.5	-58.1	82.	0.0149	0.0150	0.0666	253.0	53.3
20838.	41.2	-56.3	242.2	242.2	-58.4	82.	0.0153	0.0154	0.0658	253.0	53.2
20906.	40.7	-56.2	242.8	242.8	-58.2	82.	0.0157	0.0157	0.0652	253.0	53.1
20968.	40.3	-56.4	243.6	243.6	-58.1	82.	0.0155	0.0159	0.0645	254.0	52.7
21032.	39.8	-56.4	244.4	244.4	-58.1	82.	0.0159	0.0163	0.0638	254.0	52.4
21096.	39.4	-56.1	245.0	245.0	-57.8	82.	0.0172	0.0176	0.0633	254.0	52.0
21145.	39.1	-56.1	245.7	245.7	-57.8	82.	0.0170	0.0174	0.0625	255.0	51.6
21210.	38.5	-56.4	246.6	246.6	-58.1	82.	0.0156	0.0185	0.0618	255.0	51.0
21263.	38.2	-56.3	247.2	247.2	-58.0	82.	0.0182	0.0187	0.0613	256.0	50.6
21327.	37.8	-56.1	248.0	248.0	-57.8	82.	0.0192	0.0192	0.0606	256.0	50.4
21378.	37.6	-57.0	248.6	248.7	-58.8	82.	0.0178	0.0197	0.0601	257.0	49.7
21446.	37.4	-55.7	249.8	249.8	-57.5	82.	0.0203	0.0202	0.0594	257.0	49.3

SOUNDING 5M.0
LATITUDE -62.3 LONGITUDE 5.1
DATE 11- 2-81 TIME 0750 GMT
NUMBER OF LEVELS 444

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	969.6	-1.8	0.0	1.1	-3.2	88.	4.7554	3.7767	1.2484	300.0	12.0
50.	962.7	-2.0	0.0	1.0	-3.7	80.	4.4874	3.6092	1.2422	299.0	11.8
116.	953.4	-2.0	0.0	1.1	-4.0	71.	4.3477	3.5321	1.2351	295.0	11.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
173.	948.5	-3.4	0.5	1.4	-4.2	90.	4.3245	3.4839	1.2076	247.0	14.6
228.	941.5	-3.8	1.4	1.8	-4.9	83.	4.3347	3.4917	1.2104	241.0	15.4
286.	935.1	-3.8	1.5	2.1	-4.5	84.	4.2715	3.4452	1.2119	239.0	15.1
343.	928.4	-4.1	1.5	2.0	-4.6	86.	4.1750	3.3672	1.2052	240.0	16.5
398.	921.9	-4.5	1.2	1.8	-4.9	86.	4.0674	3.2859	1.1979	241.0	16.6
454.	915.3	-4.8	1.1	1.8	-5.2	84.	3.9492	3.1864	1.1914	244.0	16.7
511.	908.7	-5.3	1.1	1.8	-5.7	82.	3.8135	3.0691	1.1849	246.0	16.7
568.	902.1	-5.8	1.0	1.8	-6.2	81.	3.6924	2.9940	1.1784	247.0	16.4
624.	895.7	-6.3	0.9	1.8	-6.4	80.	3.5712	2.9010	1.1722	247.0	16.3
678.	889.5	-6.8	1.0	1.9	-6.8	100.	3.4645	2.9103	1.1662	246.0	16.1
735.	883.1	-7.4	1.0	1.9	-7.4	100.	3.2798	2.6736	1.1603	244.0	15.9
794.	876.4	-8.0	1.0	1.9	-8.0	100.	3.0809	2.3474	1.1538	244.0	15.7
851.	869.9	-8.5	1.1	2.0	-10.5	64.	2.5018	2.0637	1.1471	244.0	16.1
910.	863.5	-9.0	1.3	2.2	-12.4	74.	2.1191	1.7524	1.1403	244.0	16.4
967.	857.2	-9.5	1.4	2.4	-14.3	85.	1.7725	1.4457	1.1338	244.0	16.5
1022.	850.9	-9.9	1.5	2.7	-16.3	56.	1.4736	1.2433	1.1272	244.0	16.6
1075.	844.8	-10.3	1.7	2.9	-18.3	48.	1.2192	1.0366	1.1203	245.0	16.9
1142.	837.9	-10.7	1.9	3.1	-19.0	51.	1.2502	1.0617	1.1132	246.0	16.9
1209.	831.2	-11.0	2.1	3.3	-19.1	53.	1.2432	1.0553	1.1064	247.0	17.0
1260.	824.7	-11.6	2.2	3.4	-18.3	54.	1.2218	1.0380	1.0995	247.0	17.3
1322.	817.7	-12.2	2.4	3.5	-19.9	48.	1.2449	0.8957	1.0925	248.0	17.4
1383.	811.7	-12.8	2.5	3.6	-21.7	42.	0.8756	0.7547	1.0856	248.0	17.5
1442.	805.4	-13.3	2.6	3.7	-23.2	36.	0.7571	0.6554	1.0791	248.0	17.7
1501.	799.2	-13.9	2.6	3.7	-22.8	42.	0.7923	0.6856	1.0733	248.0	17.8
1564.	792.6	-14.2	2.6	3.7	-22.4	46.	0.8213	0.7098	1.0672	248.0	17.8
1632.	786.5	-14.8	2.6	3.7	-21.9	51.	0.8618	0.7432	1.0599	248.0	17.8
1694.	779.6	-15.5	2.6	3.7	-21.8	55.	0.8711	0.7510	1.0535	248.0	17.8
1761.	773.2	-16.1	2.6	3.7	-21.5	60.	0.8988	0.7738	1.0473	248.0	17.8
1823.	766.9	-16.7	2.7	3.7	-20.9	64.	1.0326	0.8839	1.0356	248.0	17.8
1885.	760.1	-17.3	5.1	6.1	-18.7	68.	1.1702	0.9965	1.0251	304.0	17.9
1935.	754.6	-14.2	6.5	7.8	-17.5	72.	1.3002	1.1098	1.0155	304.0	18.0
1991.	748.1	-13.6	7.7	8.9	-16.7	75.	1.4144	1.1952	1.0066	305.0	18.0
2044.	743.8	-14.0	8.0	9.1	-16.5	79.	1.4364	1.2129	1.0011	309.0	18.1
2097.	738.7	-14.5	8.1	9.3	-16.4	82.	1.4505	1.2243	0.9954	312.0	18.1
2149.	733.6	-14.8	8.3	9.5	-16.2	84.	1.4798	1.2480	0.9897	312.0	18.0
2207.	728.0	-14.6	9.9	10.1	-18.3	71.	1.2217	1.0386	0.9819	313.0	18.2
2264.	722.5	-14.6	10.6	10.7	-20.4	58.	0.9980	0.8559	0.9743	314.0	18.3
2323.	716.9	-14.7	11.1	11.2	-22.7	47.	0.8013	0.6931	0.9670	315.0	18.3
2378.	711.7	-15.1	11.2	11.4	-23.3	61.	1.0023	0.8591	0.9616	315.0	18.3
2435.	706.4	-15.6	11.3	11.5	-18.5	76.	1.1923	1.0146	0.9565	316.0	18.5
2487.	701.5	-16.1	11.3	11.6	-16.7	78.	1.1681	0.9949	0.9517	317.0	18.5
2542.	696.6	-16.5	11.4	11.6	-19.0	75.	1.1398	0.9717	0.9465	317.0	18.5
2594.	691.8	-16.8	11.7	11.8	-22.1	60.	0.8417	0.7266	0.9406	317.0	18.5
2648.	686.6	-17.2	11.8	11.9	-26.4	41.	0.5540	0.4864	0.9350	316.0	18.6
2702.	681.7	-17.6	12.0	12.2	-27.2	36.	0.5075	0.4472	0.9297	317.0	18.7
2754.	676.9	-18.0	12.1	12.2	-28.4	36.	0.4911	0.3994	0.9246	318.0	18.7
2804.	672.4	-18.4	12.2	12.3	-30.2	31.	0.3740	0.3336	0.9198	314.0	13.0
2857.	667.6	-18.8	12.3	12.4	-33.0	24.	0.2788	0.2515	0.9146	319.0	19.1
2909.	663.0	-19.2	12.4	12.4	-40.4	11.	0.1230	0.1145	0.9096	319.0	19.2
2959.	658.5	-19.5	12.6	12.7	-40.7	11.	0.1195	0.1114	0.9045	319.0	19.4
3008.	654.2	-19.9	12.7	12.8	-41.0	11.	0.1150	0.1074	0.9000	319.0	19.5
3057.	649.9	-20.3	12.8	12.9	-41.3	11.	0.1107	0.1035	0.8955	319.0	19.7
3106.	645.6	-20.6	13.0	13.1	-41.6	11.	0.1075	0.1006	0.8906	320.0	19.8
3155.	641.3	-21.1	13.0	13.2	-42.0	11.	0.1025	0.0961	0.8864	320.0	20.0
3201.	637.3	-21.6	12.9	13.0	-42.4	11.	0.0976	0.0917	0.8827	320.0	20.1
3252.	632.9	-22.0	13.1	13.1	-42.8	11.	0.0939	0.0883	0.8780	320.0	20.3
3305.	628.3	-22.3	13.3	13.3	-43.0	11.	0.0912	0.0859	0.8726	320.0	20.4
3358.	623.8	-22.6	13.6	13.6	-43.3	11.	0.0885	0.0835	0.8674	320.0	20.4
3410.	619.4	-22.9	13.8	13.8	-43.5	11.	0.0862	0.0811	0.8623	321.0	20.6
3461.	615.1	-23.1	14.1	14.1	-43.7	11.	0.0843	0.0796	0.8578	321.0	20.7
3508.	611.1	-23.4	14.3	14.3	-43.9	11.	0.0818	0.0774	0.8525	322.0	20.8
3556.	607.1	-23.8	14.4	14.4	-44.3	11.	0.0787	0.0745	0.8482	322.0	20.8
3605.	603.1	-24.2	14.5	14.5	-44.6	11.	0.0756	0.0717	0.8440	322.0	20.9
3655.	598.9	-24.6	14.6	14.6	-45.0	11.	0.0727	0.0690	0.8395	322.0	20.9
3706.	594.7	-25.0	14.7	14.7	-45.3	11.	0.0698	0.0664	0.8349	323.0	20.8
3755.	590.7	-25.4	14.8	14.8	-45.6	11.	0.0671	0.0639	0.8306	323.0	20.8
3802.	586.9	-25.7	15.0	15.0	-45.9	11.	0.0651	0.0621	0.8263	323.0	20.7
3848.	583.2	-26.0	15.2	15.2	-46.1	11.	0.0632	0.0603	0.8221	323.0	20.5
3899.	579.1	-26.3	15.4	15.4	-46.4	11.	0.0613	0.0586	0.8173	323.0	20.5
3954.	574.7	-26.6	15.7	15.7	-46.6	11.	0.0594	0.0569	0.8121	323.0	20.4
4005.	570.6	-27.0	15.8	15.8	-47.0	11.	0.0571	0.0547	0.8076	323.0	20.4
4058.	566.4	-27.3	16.0	16.1	-47.2	11.	0.0554	0.0531	0.8026	324.0	20.3
4108.	562.5	-27.8	16.0	16.0	-47.7	11.	0.0526	0.0506	0.7987	324.0	20.2
4161.	558.4	-28.3	16.1	16.2	-48.1	11.	0.0506	0.0481	0.7945	324.0	20.1
4211.	554.5	-28.7	16.1	16.2	-48.4	11.	0.0480	0.0463	0.7903	324.0	20.2
4261.	550.6	-29.1	16.3	16.3	-48.6	11.	0.0460	0.0445	0.7860	324.0	20.2
4308.	547.0	-29.5	16.3	16.3	-49.1	11.	0.0442	0.0427	0.7821	324.0	20.3
4353.	543.5	-29.9	16.4	16.4	-49.4	11.	0.0424	0.0411	0.7784	325.0	20.4
4398.	540.1	-30.3	16.4	16.4	-49.8	11.	0.0406	0.0394	0.7748	325.0	20.7
4442.	536.8	-30.6	16.6	16.6	-50.0	11.	0.0394	0.0383	0.7710	325.0	21.0
4489.	533.2	-30.9	16.8	16.8	-50.3	11.	0.0382	0.0371	0.7668	326.0	21.3
4537.	529.6	-31.2	17.0	17.0	-50.5	11.	0.0370	0.0360	0.7626	326.0	21.6
4587.	525.9	-31.5	17.2	17.2	-50.8	11.	0.0358	0.0349	0.7582	326.0	21.9
4638.	522.1	-31.8	17.4	17.4	-51.0	11.	0.0347	0.0339	0.7536	327.0	22.3
4685.	518.6	-32.2	17.5	17.5	-51.4	11.	0.0333	0.0325	0.7498	327.0	22.5
4733.	515.1	-32.6	17.6	17.6	-51.7	11.	0.0319	0.0312	0.7460	328.0	22.8
4780.	511.7	-33.0	17.6	17.7	-52.1	11.	0.0306	0.0300	0.7423	328.0	23.2
4828.	508.2	-33.2	18.0	18.0	-52.2	11.	0.0299	0.0294	0.7378	328.0	23.4
4875.	504.8	-33.5	18.2	18.2	-52.5	11.	0.0290	0.0285	0.7338	329.0	23.6
4923.	501.3	-33.9	18.3	18.3	-52.8	11.	0.0278	0.0273	0.7299	329.0	24.0
4975.	497.6	-34.4	18.3	18.3	-53.2	11.	0.0263	0.0259	0.7261	329.0	24.2
5026.	494.0	-34.7	18.5	18.5	-53.5	11.	0.0255	0.0251	0.7217	329.0	24.2
5075.	490.5	-34.9	18.9	18.9	-53.7	11.	0.0249	0.0246	0.7172	329.0	24.4
5124.	487.1	-35.2	19.1	19.1	-53.9	11.	0.0241	0.0238	0.7131	329.0	24.5
5171.	483.8	-35.5	19.3	19.3	-54.2	11.	0.0234	0.0231	0.7092	329.0	24.6
5220.	480.4	-35.7	19.6	19.6	-54.3	11.	0.0226	0.0226	0.7048	329.0	24.7
5268.	477.1	-36.0	19.8	19.8	-54.6	11.	0.0221	0.0219	0.7009	329.0	25.0
5319.	473.6	-36.4	19.9	19.9	-54.9	11.	0.0212	0.0210	0.6969	328.0	25.1
5367.	470.3	-36.7	20.2	20.2	-55.2	11.	0.0205	0.0204	0.6929	328.0	25.2
5414.	467.1	-37.0	20.4	20.4	-55.4	11.	0.0198	0.0197	0.6891	328.0	25.3
5465.	463.7	-37.3	20.6	20.6	-55.7	11.	0.0192	0.0191	0.6849	328.0	25.5
5516.	460.3	-37.6	20.8	20.8	-56.0	11.	0.0185	0.0185	0.6808	328.0	25.6
5570.	456.7	-37.8	21.2	21.2	-56.1	11.	0.0181	0.0181	0.6760	328.0	25.6
5624.	453.1	-38.2	21.4	21.4	-56.5	11.	0.0173	0.0173	0.6718	327.0	25.8
5679.	449.5	-38.5	21.7	21.7	-56.7	11.	0.0168	0.0168	0.6673	327.0	25.9
5734.	445.9	-38.7	22.1	22.1	-56.9	11.	0.0164	0.0164	0.6626	327.0	26.0
5783.	442.7	-39.0	22.4	22.4	-57.1	11.	0.0159	0.0159	0.6586	327.0	26.0
5833.	439.5	-39.5	22.3	22.3	-57.6	11.	0.0150	0.0151	0.6553	327.0	26.1
5881.	436.4	-40.0	22.3	22.3	-58.0	11.	0.0142	0.0143	0.6521	327.0	26.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5426.	435.5	-41.4	[illegible]	[illegible]	-59.3	11.	[illegible]	0.0137	0.6486	327.0	26.1
5972.	430.6	-40.7	[illegible]	[illegible]	-58.6	11.	[illegible]	0.0132	0.6453	328.0	26.1
6019.	427.0	-41.1	[illegible]	[illegible]	-58.9	11.	[illegible]	0.0126	0.6424	328.0	26.1
6066.	423.5	-41.5	[illegible]	[illegible]	-59.3	11.	[illegible]	0.0121	0.6396	328.0	26.0
6092.	421.6	-41.7	[illegible]	[illegible]	-59.5	11.	[illegible]	0.0117	0.6364	328.0	25.9
6144.	418.8	-42.1	[illegible]	[illegible]	-59.9	11.	[illegible]	0.0111	0.6339	329.0	25.8
6198.	417.1	-42.3	[illegible]	[illegible]	-60.2	11.	[illegible]	0.0107	0.6302	329.0	25.7
6236.	414.1	-42.6	[illegible]	[illegible]	-60.5	11.	[illegible]	0.0104	0.6265	329.0	25.6
6287.	411.0	-43.0	[illegible]	[illegible]	-60.7	11.	[illegible]	0.0101	0.6226	330.0	25.5
6334.	407.8	-43.2	[illegible]	[illegible]	-60.6	11.	[illegible]	0.0101	0.6175	330.0	25.5
6347.	406.3	-43.2	[illegible]	[illegible]	-60.7	11.	[illegible]	0.0100	0.6125	330.0	25.5
6454.	400.9	-43.4	[illegible]	[illegible]	-60.7	11.	[illegible]	0.0100	0.6073	331.0	25.4
6508.	397.0	-43.3	[illegible]	[illegible]	-60.8	11.	[illegible]	0.0099	0.6029	331.0	25.4
6559.	394.7	-43.3	[illegible]	[illegible]	-60.8	11.	[illegible]	0.0099	0.5982	331.0	25.5
6610.	391.7	-43.4	[illegible]	[illegible]	-60.9	11.	[illegible]	0.0098	0.5939	332.0	25.4
6657.	389.0	-43.5	[illegible]	[illegible]	-61.2	11.	[illegible]	0.0094	0.5909	332.0	25.3
6705.	386.3	-44.2	[illegible]	[illegible]	-61.6	11.	[illegible]	0.0089	0.5878	332.0	25.4
6747.	383.8	-44.5	[illegible]	[illegible]	-61.8	11.	[illegible]	0.0066	0.5847	332.0	25.4
6794.	381.1	-44.8	[illegible]	[illegible]	-62.1	11.	[illegible]	0.0084	0.5814	333.0	25.3
6839.	378.5	-45.2	[illegible]	[illegible]	-62.4	11.	[illegible]	0.0081	0.5784	332.0	25.2
6882.	376.1	-45.5	[illegible]	[illegible]	-62.7	11.	[illegible]	0.0077	0.5755	332.0	25.2
6924.	373.7	-45.8	[illegible]	[illegible]	-62.9	11.	[illegible]	0.0074	0.5726	332.0	25.2
6964.	371.5	-46.1	[illegible]	[illegible]	-63.1	11.	[illegible]	0.0073	0.5697	332.0	25.2
7007.	369.1	-46.3	[illegible]	[illegible]	-63.4	11.	[illegible]	0.0071	0.5668	332.0	25.1
7052.	366.8	-46.6	[illegible]	[illegible]	-63.6	11.	[illegible]	0.0068	0.5637	332.0	25.1
7095.	364.2	-46.9	[illegible]	[illegible]	-63.9	11.	[illegible]	0.0066	0.5608	332.0	25.2
7138.	361.8	-47.2	[illegible]	[illegible]	-64.1	11.	[illegible]	0.0063	0.5578	331.0	25.2
7186.	359.2	-47.5	[illegible]	[illegible]	-64.4	11.	[illegible]	0.0061	0.5545	331.0	25.2
7230.	356.5	-47.8	[illegible]	[illegible]	-64.7	11.	[illegible]	0.0057	0.5511	331.0	24.7
7282.	354.0	-48.2	[illegible]	[illegible]	-65.0	11.	[illegible]	0.0056	0.5482	331.0	24.6
7326.	351.5	-48.5	[illegible]	[illegible]	-65.3	11.	[illegible]	0.0052	0.5451	331.0	24.4
7376.	349.0	-48.7	[illegible]	[illegible]	-65.4	11.	[illegible]	0.0053	0.5417	331.0	24.4
7421.	346.6	-49.1	[illegible]	[illegible]	-65.8	11.	[illegible]	0.0048	0.5389	330.0	24.2
7469.	344.1	-49.5	[illegible]	[illegible]	-66.1	11.	[illegible]	0.0046	0.5360	330.0	23.8
7512.	341.9	-49.8	[illegible]	[illegible]	-66.5	11.	[illegible]	0.0044	0.5334	329.0	23.7
7556.	339.5	-50.2	[illegible]	[illegible]	-66.7	11.	[illegible]	0.0042	0.5305	330.0	23.6
7603.	337.1	-50.5	[illegible]	[illegible]	-67.0	11.	[illegible]	0.0043	0.5274	329.0	23.5
7645.	334.9	-50.8	[illegible]	[illegible]	-67.2	11.	[illegible]	0.0041	0.5247	329.0	23.3
7694.	332.4	-51.2	[illegible]	[illegible]	-67.6	11.	[illegible]	0.0039	0.5217	329.0	23.2
7741.	330.0	-51.7	[illegible]	[illegible]	-68.0	11.	[illegible]	0.0037	0.5191	330.0	23.2
7788.	327.6	-52.1	[illegible]	[illegible]	-68.3	11.	[illegible]	0.0035	0.5163	330.0	23.2
7833.	325.3	-52.4	[illegible]	[illegible]	-68.6	11.	[illegible]	0.0034	0.5134	329.0	23.1
7881.	322.9	-52.6	[illegible]	[illegible]	-68.8	11.	[illegible]	0.0033	0.5100	330.0	23.1
7931.	320.4	-52.9	[illegible]	[illegible]	-69.0	11.	[illegible]	0.0032	0.5068	330.0	23.1
7980.	318.0	-53.2	[illegible]	[illegible]	-69.3	11.	[illegible]	0.0031	0.5037	330.0	23.2
8028.	315.6	-53.4	[illegible]	[illegible]	-69.5	11.	[illegible]	0.0030	0.5003	330.0	23.3
8079.	313.1	-53.6	[illegible]	[illegible]	-69.6	11.	[illegible]	0.0029	0.4968	330.0	23.3
8133.	310.5	-53.8	[illegible]	[illegible]	-69.8	11.	[illegible]	0.0027	0.4931	330.0	23.4
8187.	307.9	-53.9	[illegible]	[illegible]	-69.9	11.	[illegible]	0.0028	0.4892	330.0	23.5
8241.	305.3	-54.1	[illegible]	[illegible]	-70.0	11.	[illegible]	0.0026	0.4853	330.0	23.6
8296.	302.6	-54.3	[illegible]	[illegible]	-70.1	11.	[illegible]	0.0027	0.4815	330.0	23.5
8351.	300.1	-54.5	[illegible]	[illegible]	-70.4	11.	[illegible]	0.0025	0.4781	330.0	23.6
8400.	297.8	-54.8	[illegible]	[illegible]	-70.7	11.	[illegible]	0.0025	0.4751	330.0	23.6
8448.	295.6	-55.1	[illegible]	[illegible]	-70.9	11.	[illegible]	0.0024	0.4723	330.0	23.5
8491.	293.6	-55.3	[illegible]	[illegible]	-71.1	11.	[illegible]	0.0024	0.4695	329.0	23.5
8532.	291.7	-55.4	[illegible]	[illegible]	-71.2	11.	[illegible]	0.0023	0.4667	329.0	23.5
8574.	289.8	-55.4	[illegible]	[illegible]	-71.2	11.	[illegible]	0.0023	0.4636	329.0	23.4
8616.	287.9	-55.4	[illegible]	[illegible]	-71.2	11.	[illegible]	0.0023	0.4606	329.0	23.3
8656.	286.1	-55.6	[illegible]	[illegible]	-71.3	11.	[illegible]	0.0023	0.4581	328.0	23.0
8698.	284.2	-55.8	[illegible]	[illegible]	-71.5	11.	[illegible]	0.0022	0.4555	328.0	23.0
8740.	282.3	-56.2	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4533	328.0	22.8
8783.	280.4	-56.2	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4502	327.0	22.6
8824.	278.6	-56.1	[illegible]	[illegible]	-71.8	11.	[illegible]	0.0022	0.4471	327.0	22.6
8865.	276.8	-56.1	[illegible]	[illegible]	-71.8	11.	[illegible]	0.0022	0.4443	326.0	22.5
8904.	275.1	-56.1	[illegible]	[illegible]	-71.8	11.	[illegible]	0.0022	0.4415	326.0	22.5
8944.	273.4	-56.1	[illegible]	[illegible]	-71.8	11.	[illegible]	0.0022	0.4388	326.0	22.5
8986.	271.6	-56.0	[illegible]	[illegible]	-71.7	11.	[illegible]	0.0022	0.4357	325.0	22.4
9028.	269.8	-56.0	[illegible]	[illegible]	-71.7	11.	[illegible]	0.0022	0.4328	324.0	22.4
9068.	268.1	-56.1	[illegible]	[illegible]	-71.8	11.	[illegible]	0.0022	0.4303	324.0	22.4
9111.	266.3	-56.2	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4276	324.0	22.4
9151.	264.6	-56.2	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4249	323.0	22.3
9195.	262.8	-56.2	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4220	322.0	22.2
9238.	261.0	-56.2	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4191	322.0	22.2
9282.	259.2	-56.3	[illegible]	[illegible]	-71.9	11.	[illegible]	0.0021	0.4162	321.0	22.2
9326.	257.4	-56.4	[illegible]	[illegible]	-72.0	11.	[illegible]	0.0021	0.4137	321.0	22.1
9371.	255.6	-56.5	[illegible]	[illegible]	-72.1	11.	[illegible]	0.0020	0.4110	320.0	22.1
9416.	253.7	-56.6	[illegible]	[illegible]	-72.2	11.	[illegible]	0.0020	0.4081	320.0	22.0
9468.	251.7	-56.7	[illegible]	[illegible]	-72.3	11.	[illegible]	0.0020	0.4051	319.0	21.9
9511.	250.0	-57.0	[illegible]	[illegible]	-72.6	11.	[illegible]	0.0019	0.4029	318.0	22.0
9557.	248.2	-57.2	[illegible]	[illegible]	-72.7	11.	[illegible]	0.0019	0.4004	318.0	22.0
9602.	246.4	-57.3	[illegible]	[illegible]	-72.8	11.	[illegible]	0.0018	0.3977	317.0	22.0
9649.	244.6	-57.4	[illegible]	[illegible]	-72.9	11.	[illegible]	0.0018	0.3949	317.0	22.3
9695.	242.8	-57.3	[illegible]	[illegible]	-72.8	11.	[illegible]	0.0018	0.3919	317.0	22.5
9740.	241.1	-57.2	[illegible]	[illegible]	-72.7	11.	[illegible]	0.0019	0.3889	316.0	22.6
9782.	239.5	-57.1	[illegible]	[illegible]	-72.6	11.	[illegible]	0.0019	0.3862	316.0	22.7
9824.	237.9	-57.2	[illegible]	[illegible]	-72.7	11.	[illegible]	0.0019	0.3838	315.0	22.7
9869.	236.2	-57.4	[illegible]	[illegible]	-72.9	11.	[illegible]	0.0018	0.3814	315.0	22.9
9915.	234.5	-57.5	[illegible]	[illegible]	-73.0	11.	[illegible]	0.0018	0.3788	315.0	23.1
9958.	232.9	-57.6	[illegible]	[illegible]	-73.1	11.	[illegible]	0.0018	0.3764	314.0	23.4
10001.	231.3	-57.6	[illegible]	[illegible]	-73.1	11.	[illegible]	0.0018	0.3738	314.0	23.9
10042.	229.8	-57.5	[illegible]	[illegible]	-73.0	11.	[illegible]	0.0018	0.3712	313.0	24.1
10084.	228.3	-57.3	[illegible]	[illegible]	-72.8	11.	[illegible]	0.0018	0.3685	313.0	24.4
10122.	226.9	-57.5	[illegible]	[illegible]	-73.0	11.	[illegible]	0.0018	0.3665	313.0	24.6
10161.	225.5	-57.7	[illegible]	[illegible]	-73.2	11.	[illegible]	0.0018	0.3646	312.0	24.9
10198.	224.2	-57.9	[illegible]	[illegible]	-73.3	11.	[illegible]	0.0017	0.3628	312.0	25.2
10237.	222.8	-58.1	[illegible]	[illegible]	-73.5	11.	[illegible]	0.0017	0.3609	311.0	25.5
10277.	221.4	-58.2	[illegible]	[illegible]	-73.6	11.	[illegible]	0.0016	0.3588	311.0	25.7
10314.	220.1	-58.2	[illegible]	[illegible]	-73.6	11.	[illegible]	0.0016	0.3567	310.0	26.0
10354.	218.7	-57.7	[illegible]	[illegible]	-73.2	11.	[illegible]	0.0018	0.3536	310.0	26.4
10395.	217.3	-57.4	[illegible]	[illegible]	-72.9	11.	[illegible]	0.0018	0.3509	309.0	26.6
10438.	215.8	-57.2	[illegible]	[illegible]	-72.7	11.	[illegible]	0.0019	0.3481	309.0	26.8
10479.	214.4	-57.2	[illegible]	[illegible]	-72.7	11.	[illegible]	0.0019	0.3459	308.0	27.0
10521.	213.0	-57.3	[illegible]	[illegible]	-72.8	11.	[illegible]	0.0018	0.3438	308.0	27.1
10565.	211.5	-57.3	[illegible]	[illegible]	-72.8	11.	[illegible]	0.0018	0.3413	308.0	27.4
10610.	210.0	-57.2	[illegible]	[illegible]	-72.7	11.	[illegible]	0.0019	0.3388	307.0	27.5
10652.	208.6	-57.1	[illegible]	[illegible]	-72.6	11.	[illegible]	0.0019	0.3363	307.0	27.6
10695.	207.2	-57.3	[illegible]	[illegible]	-72.8	11.	[illegible]	0.0018	0.3344	306.0	27.8
10744.	205.6	-57.6	[illegible]	[illegible]	-73.1	11.	[illegible]	0.0018	0.3323	306.0	28.0
10790.	204.1	-58.0	[illegible]	[illegible]	-73.4	11.	[illegible]	0.0017	0.3305	306.0	28.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
10836.	202.6	-57.9	66.5	66.5	-73.3	11.	0.0016	0.0017	0.3279	304.0	27.9
10863.	201.1	-57.7	67.5	67.5	-73.2	11.	0.0016	0.0018	0.3252	304.0	27.7
10927.	199.7	-57.5	68.5	68.5	-73.0	11.	0.0017	0.0018	0.3226	303.0	27.5
10971.	198.3	-57.4	69.3	69.3	-72.9	11.	0.0017	0.0018	0.3202	302.0	27.5
11016.	196.9	-57.5	69.9	69.9	-73.0	11.	0.0017	0.0018	0.3181	300.0	27.2
11061.	195.5	-57.7	70.3	70.3	-73.2	11.	0.0016	0.0018	0.3161	300.0	27.1
11106.	194.1	-57.9	70.6	70.6	-73.3	11.	0.0016	0.0017	0.3141	299.0	26.9
11149.	192.8	-58.1	71.0	71.0	-73.5	11.	0.0015	0.0017	0.3123	297.0	26.8
11196.	191.3	-58.2	71.6	71.6	-73.6	11.	0.0015	0.0016	0.3100	296.0	26.9
11241.	190.0	-58.2	72.3	72.3	-73.6	11.	0.0015	0.0016	0.3079	295.0	27.1
11284.	188.7	-58.1	73.1	73.1	-73.5	11.	0.0015	0.0017	0.3057	293.0	27.3
11330.	187.3	-58.1	73.8	73.8	-73.5	11.	0.0015	0.0017	0.3034	292.0	27.5
11374.	186.0	-58.2	74.4	74.4	-73.6	11.	0.0015	0.0016	0.3014	291.0	27.9
11418.	184.7	-58.4	74.7	74.7	-73.8	11.	0.0015	0.0016	0.2996	290.0	28.4
11459.	183.5	-58.5	75.2	75.2	-73.8	11.	0.0015	0.0016	0.2978	290.0	28.9
11500.	182.3	-58.6	75.7	75.7	-73.9	11.	0.0014	0.0016	0.2960	289.0	29.5
11538.	181.2	-58.6	76.3	76.3	-73.9	11.	0.0014	0.0016	0.2942	288.0	29.9
11583.	179.9	-58.7	76.9	76.9	-74.0	11.	0.0014	0.0015	0.2922	288.0	30.4
11629.	178.6	-58.7	77.4	77.4	-74.0	11.	0.0014	0.0015	0.2901	287.0	31.0
11671.	177.4	-58.6	78.4	78.4	-73.9	11.	0.0014	0.0016	0.2880	286.0	31.6
11714.	176.2	-58.7	79.0	79.0	-74.0	11.	0.0014	0.0015	0.2862	286.0	32.0
11757.	175.0	-58.9	79.3	79.3	-74.2	11.	0.0014	0.0015	0.2845	286.0	32.5
11796.	173.9	-59.1	79.6	79.6	-74.4	11.	0.0013	0.0015	0.2830	286.0	32.9
11839.	172.7	-59.3	80.0	80.0	-74.5	11.	0.0013	0.0014	0.2813	285.0	33.2
11879.	171.6	-59.4	80.5	80.5	-74.6	11.	0.0013	0.0014	0.2797	285.0	33.5
11923.	170.4	-59.5	81.0	81.0	-74.7	11.	0.0013	0.0014	0.2778	284.0	33.8
11971.	169.1	-59.6	81.6	81.6	-74.8	11.	0.0013	0.0014	0.2759	284.0	34.1
12012.	168.0	-59.6	82.3	82.3	-74.8	11.	0.0013	0.0014	0.2741	284.0	34.3
12056.	166.8	-59.6	83.0	83.0	-74.8	11.	0.0013	0.0014	0.2721	284.0	34.5
12098.	165.7	-59.6	83.7	83.7	-74.8	11.	0.0013	0.0014	0.2703	283.0	34.7
12139.	164.6	-59.6	84.4	84.4	-74.8	11.	0.0013	0.0014	0.2685	283.0	34.8
12181.	163.5	-59.5	85.2	85.2	-74.7	11.	0.0013	0.0014	0.2666	283.0	34.9
12223.	162.4	-59.4	86.1	86.1	-74.6	11.	0.0013	0.0014	0.2647	282.0	34.9
12262.	161.4	-59.3	86.9	86.9	-74.5	11.	0.0013	0.0014	0.2629	282.0	34.8
12305.	160.3	-59.2	87.8	87.8	-74.4	11.	0.0013	0.0014	0.2610	281.0	34.9
12352.	159.1	-59.2	88.5	88.5	-74.4	11.	0.0013	0.0014	0.2591	281.0	34.9
12395.	158.0	-59.2	89.3	89.3	-74.4	11.	0.0013	0.0014	0.2573	281.0	34.8
12439.	156.9	-59.2	90.0	90.0	-74.4	11.	0.0013	0.0014	0.2555	282.0	34.8
12487.	155.7	-59.2	90.8	90.8	-74.4	11.	0.0013	0.0014	0.2535	282.0	34.7
12535.	154.5	-59.3	91.4	91.4	-74.5	11.	0.0013	0.0014	0.2517	282.0	34.7
12580.	153.4	-59.3	92.2	92.2	-74.5	11.	0.0013	0.0014	0.2499	281.0	34.7
12625.	152.3	-59.3	92.9	92.9	-74.5	11.	0.0013	0.0014	0.2481	281.0	34.7
12671.	151.2	-59.4	93.5	93.5	-74.6	11.	0.0013	0.0014	0.2464	281.0	34.7
12712.	150.2	-59.5	94.0	94.0	-74.7	11.	0.0013	0.0014	0.2449	281.0	34.8
12749.	149.3	-59.6	94.6	94.6	-74.8	11.	0.0013	0.0014	0.2434	281.0	34.9
12795.	148.2	-59.6	95.3	95.3	-74.8	11.	0.0013	0.0014	0.2418	282.0	35.0
12838.	147.2	-59.7	95.8	95.8	-74.9	11.	0.0012	0.0014	0.2402	282.0	35.1
12880.	146.2	-59.8	96.3	96.3	-75.0	11.	0.0012	0.0013	0.2387	282.0	35.3
12923.	145.2	-59.8	97.1	97.1	-75.0	11.	0.0012	0.0013	0.2371	282.0	35.5
12966.	144.2	-59.8	97.8	97.8	-75.0	11.	0.0012	0.0013	0.2355	282.0	35.6
13009.	143.2	-59.9	98.4	98.4	-75.0	11.	0.0012	0.0013	0.2339	282.0	35.8
13053.	142.2	-59.8	99.1	99.1	-75.0	11.	0.0012	0.0013	0.2323	282.0	36.0
13097.	141.2	-59.9	99.9	99.9	-75.0	11.	0.0012	0.0013	0.2307	283.0	36.2
13141.	140.2	-59.8	100.8	100.8	-75.0	11.	0.0012	0.0013	0.2289	283.0	36.3
13182.	139.3	-59.7	101.7	101.7	-74.9	11.	0.0012	0.0014	0.2273	283.0	36.5
13222.	138.4	-59.7	102.5	102.5	-74.9	11.	0.0012	0.0014	0.2259	283.0	36.5
13263.	137.5	-59.8	102.9	102.9	-75.0	11.	0.0012	0.0013	0.2245	284.0	36.7
13304.	136.6	-59.9	103.4	103.4	-75.0	11.	0.0011	0.0013	0.2231	284.0	36.7
13354.	135.5	-60.0	104.1	104.1	-75.1	11.	0.0011	0.0013	0.2215	284.0	36.7
13400.	134.5	-60.0	104.9	104.9	-75.1	11.	0.0011	0.0013	0.2198	284.0	36.8
13447.	133.5	-60.0	105.7	105.7	-75.1	11.	0.0011	0.0013	0.2182	284.0	36.9
13494.	132.5	-60.0	106.5	106.5	-75.1	11.	0.0011	0.0013	0.2166	285.0	36.9
13536.	131.6	-60.1	107.1	107.1	-75.2	11.	0.0011	0.0013	0.2152	285.0	36.9
13584.	130.6	-60.2	107.7	107.7	-75.3	11.	0.0011	0.0013	0.2136	285.0	37.0
13631.	129.6	-60.2	108.6	108.6	-75.3	11.	0.0011	0.0013	0.2120	285.0	36.8
13675.	128.7	-60.3	109.1	109.1	-75.4	11.	0.0011	0.0013	0.2106	284.0	36.8
13718.	127.8	-60.3	109.9	109.9	-75.4	11.	0.0011	0.0013	0.2092	284.0	36.7
13767.	126.8	-60.2	111.0	111.0	-75.3	11.	0.0011	0.0013	0.2074	284.0	36.6
13812.	125.9	-60.1	111.9	111.9	-75.2	11.	0.0012	0.0013	0.2059	284.0	36.5
13856.	125.0	-60.0	112.8	112.8	-75.1	11.	0.0012	0.0013	0.2043	284.0	36.5
13901.	124.1	-59.9	113.8	113.8	-75.0	11.	0.0012	0.0013	0.2027	283.0	36.5
13947.	123.2	-60.0	114.5	114.5	-75.1	11.	0.0012	0.0013	0.2014	283.0	36.6
13992.	122.3	-60.1	115.1	115.1	-75.2	11.	0.0012	0.0013	0.2000	283.0	36.6
14038.	121.4	-60.2	115.8	115.8	-75.4	11.	0.0011	0.0013	0.1987	283.0	36.6
14080.	120.6	-60.4	116.1	116.1	-75.5	11.	0.0011	0.0012	0.1975	282.0	36.7
14126.	119.7	-60.5	116.8	116.8	-75.6	11.	0.0011	0.0012	0.1961	282.0	36.9
14173.	118.8	-60.5	117.5	117.5	-75.6	11.	0.0011	0.0012	0.1946	282.0	36.9
14220.	117.9	-60.6	118.3	118.3	-75.7	11.	0.0011	0.0012	0.1932	282.0	37.2
14268.	117.0	-60.7	119.0	119.0	-75.7	11.	0.0011	0.0012	0.1918	282.0	37.5
14318.	116.1	-60.8	119.6	119.6	-75.8	11.	0.0011	0.0012	0.1905	282.0	37.7
14364.	115.2	-60.9	120.3	120.3	-75.9	11.	0.0011	0.0012	0.1891	283.0	38.0
14413.	114.3	-60.8	121.2	121.2	-75.8	11.	0.0011	0.0012	0.1876	283.0	38.4
14456.	113.5	-60.8	122.0	122.0	-75.8	11.	0.0011	0.0012	0.1863	283.0	38.6
14505.	112.6	-60.8	122.8	122.8	-75.8	11.	0.0011	0.0012	0.1848	283.0	38.8
14553.	111.8	-61.0	123.5	123.5	-76.0	11.	0.0010	0.0011	0.1836	283.0	39.1
14595.	111.0	-61.1	124.1	124.1	-76.1	11.	0.0010	0.0011	0.1824	283.0	39.4
14639.	110.2	-61.3	124.6	124.6	-76.3	11.	0.0010	0.0011	0.1812	283.0	39.7
14685.	109.3	-61.4	125.3	125.3	-76.3	11.	0.0010	0.0011	0.1798	283.0	39.9
14728.	108.5	-61.4	126.0	126.0	-76.4	11.	0.0010	0.0011	0.1785	283.0	40.1
14781.	107.7	-61.5	126.6	126.6	-76.4	11.	0.0010	0.0011	0.1773	283.0	40.2
14828.	106.9	-61.6	127.7	127.7	-76.4	11.	0.0010	0.0011	0.1760	283.0	40.3
14874.	106.1	-61.6	128.4	128.4	-76.5	11.	0.0010	0.0011	0.1747	282.0	40.4
14918.	105.4	-61.7	128.9	128.9	-76.6	11.	0.0010	0.0010	0.1736	281.0	40.2
14962.	104.6	-61.7	129.6	129.6	-76.6	11.	0.0010	0.0010	0.1723	281.0	40.2
15004.	103.9	-61.8	130.4	130.4	-76.7	11.	0.0010	0.0010	0.1713	280.0	40.1
15051.	103.1	-61.8	131.3	131.3	-76.7	11.	0.0009	0.0010	0.1699	280.0	40.3
15099.	102.3	-61.8	132.2	132.2	-76.7	11.	0.0009	0.0010	0.1686	279.0	40.1
15142.	101.6	-61.8	133.0	133.0	-76.7	11.	0.0009	0.0010	0.1675	278.0	40.0
15191.	100.8	-61.8	133.9	133.9	-76.7	11.	0.0009	0.0010	0.1661	277.0	40.2
15234.	100.1	-61.8	134.7	134.7	-76.7	11.	0.0009	0.0010	0.1650	277.0	40.4
15277.	99.4	-61.8	135.5	135.5	-76.7	11.	0.0009	0.0010	0.1638	276.0	40.4
15321.	98.7	-61.8	136.3	136.3	-76.7	11.	0.0009	0.0010	0.1627	275.0	40.6
15371.	97.9	-61.8	137.2	137.2	-76.7	11.	0.0009	0.0010	0.1614	275.0	40.7
15418.	97.2	-61.8	137.7	137.7	-76.8	11.	0.0009	0.0010	0.1604	274.0	40.9
15466.	96.5	-61.9	138.4	138.4	-76.9	11.	0.0009	0.0010	0.1593	274.0	41.0
15511.	95.7	-62.0	139.2	139.2	-77.0	11.	0.0009	0.0010	0.1580	274.0	41.0
15557.	95.0	-62.0	140.0	140.0	-77.1	11.	0.0009	0.0010	0.1570	274.0	41.4
15602.	94.3	-62.0	140.5	140.5	-77.2	11.	0.0009	0.0009	0.1559	274.0	42.2
15646.	93.6	-62.0	141.4	141.4	-77.1	11.	0.0009	0.0010	0.1546	274.0	42.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE*E+6*HO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
15694.	92.9	-62.1	142.9	142.9	-76.9	11.	0.0009	0.0010	0.1533	274.0	45.1
15741.	92.2	-61.9	144.2	144.2	-76.8	11.	0.0009	0.0010	0.1520	274.0	43.6
15786.	91.5	-61.8	145.3	145.3	-76.7	11.	0.0009	0.0010	0.1508	274.0	44.0
15836.	90.8	-61.7	146.4	146.4	-76.6	11.	0.0009	0.0010	0.1496	273.0	44.5
15883.	90.1	-61.5	147.7	147.7	-76.4	11.	0.0010	0.0011	0.1483	273.0	45.0
15932.	89.4	-61.2	149.3	149.3	-76.2	11.	0.0010	0.0011	0.1469	274.0	45.4
15986.	88.7	-61.1	150.6	150.6	-76.1	11.	0.0010	0.0011	0.1457	273.0	45.8
16023.	88.1	-61.0	151.4	151.4	-76.0	11.	0.0010	0.0011	0.1447	273.0	46.2
16072.	87.4	-61.0	152.4	152.4	-76.0	11.	0.0010	0.0011	0.1435	273.0	46.7
16122.	86.7	-60.9	153.6	153.6	-75.9	11.	0.0011	0.0012	0.1423	273.0	47.1
16165.	86.1	-60.8	154.6	154.6	-75.8	11.	0.0011	0.0012	0.1412	273.0	47.5
16208.	85.5	-60.6	155.9	155.9	-75.7	11.	0.0011	0.0012	0.1401	273.0	47.8
16252.	84.9	-60.4	157.2	157.2	-75.5	11.	0.0011	0.0012	0.1390	272.0	48.1
16296.	84.3	-60.4	158.0	158.0	-75.5	11.	0.0011	0.0012	0.1380	272.0	48.3
16341.	83.7	-60.5	158.7	158.7	-75.6	11.	0.0011	0.0012	0.1371	272.0	48.4
16385.	83.1	-60.5	159.6	159.6	-75.6	11.	0.0011	0.0012	0.1361	272.0	48.6
16432.	82.5	-60.5	160.5	160.5	-75.6	11.	0.0011	0.0012	0.1352	272.0	48.8
16468.	82.0	-60.4	161.5	161.5	-75.5	11.	0.0011	0.0012	0.1343	272.0	48.9
16514.	81.4	-60.3	162.8	162.8	-75.3	11.	0.0012	0.0013	0.1332	272.0	49.2
16566.	80.8	-60.3	164.1	164.1	-75.1	11.	0.0012	0.0013	0.1321	272.0	49.1
16606.	80.2	-59.9	165.3	165.3	-75.0	11.	0.0012	0.0013	0.1310	272.0	49.2
16653.	79.6	-60.0	166.0	166.0	-75.1	11.	0.0012	0.0013	0.1301	271.0	49.1
16700.	79.0	-60.1	166.7	166.7	-75.2	11.	0.0012	0.0013	0.1292	271.0	49.2
16748.	78.4	-60.2	167.5	167.5	-75.3	11.	0.0012	0.0013	0.1283	271.0	49.2
16804.	77.7	-60.2	168.6	168.6	-75.3	11.	0.0012	0.0013	0.1271	271.0	49.2
16852.	77.1	-60.1	169.8	169.8	-75.2	11.	0.0012	0.0013	0.1261	271.0	49.2
16909.	76.4	-60.1	171.0	171.0	-75.2	11.	0.0012	0.0013	0.1249	271.0	49.3
16956.	75.8	-60.0	172.2	172.2	-75.1	11.	0.0012	0.0013	0.1239	271.0	49.3
17007.	75.2	-59.9	173.4	173.4	-75.0	11.	0.0012	0.0013	0.1229	271.0	49.4
17066.	74.5	-59.9	174.6	174.6	-75.0	11.	0.0012	0.0013	0.1217	271.0	49.3
17125.	73.8	-59.8	176.0	176.0	-75.0	11.	0.0012	0.0013	0.1205	271.0	49.4
17175.	73.2	-59.8	177.1	177.1	-75.0	11.	0.0012	0.0013	0.1195	271.0	49.4
17227.	72.6	-60.0	177.7	177.7	-75.1	11.	0.0012	0.0013	0.1187	270.0	49.5
17287.	71.9	-60.1	178.7	178.7	-75.2	11.	0.0012	0.0013	0.1176	270.0	49.6
17339.	71.3	-60.2	179.6	179.6	-75.3	11.	0.0012	0.0013	0.1166	270.0	49.7
17392.	70.7	-60.4	180.5	180.5	-75.5	11.	0.0011	0.0012	0.1158	270.0	49.7
17445.	70.1	-60.5	181.2	181.2	-75.6	11.	0.0011	0.0012	0.1148	270.0	49.8
17489.	69.6	-60.6	182.1	182.1	-75.6	11.	0.0011	0.0012	0.1140	270.0	49.8
17543.	69.0	-60.4	183.4	183.4	-75.5	11.	0.0011	0.0012	0.1130	270.0	49.8
17588.	68.5	-60.2	184.8	184.8	-75.3	11.	0.0012	0.0013	0.1121	270.0	49.8
17634.	68.0	-60.0	186.2	186.2	-75.1	11.	0.0012	0.0013	0.1111	269.0	49.8
17685.	67.5	-60.0	187.2	187.2	-75.1	11.	0.0012	0.0013	0.1103	269.0	49.8
17717.	67.1	-59.9	188.2	188.2	-75.0	11.	0.0012	0.0013	0.1096	269.0	49.8
17764.	66.6	-59.7	189.6	189.6	-74.9	11.	0.0012	0.0014	0.1087	268.0	49.8
17811.	66.1	-59.4	191.2	191.2	-74.6	11.	0.0013	0.0014	0.1077	268.0	49.8
17849.	65.7	-59.2	192.5	192.5	-74.4	11.	0.0013	0.0014	0.1070	267.0	49.8
17887.	65.3	-59.2	193.5	193.5	-74.4	11.	0.0013	0.0014	0.1063	267.0	49.8
17935.	64.8	-59.3	194.1	194.1	-74.5	11.	0.0013	0.0014	0.1056	267.0	49.8
17983.	64.3	-59.4	194.9	194.9	-74.6	11.	0.0013	0.0014	0.1048	266.0	49.8
18032.	63.8	-59.4	196.0	196.0	-74.6	11.	0.0013	0.0014	0.1040	266.0	49.8
18081.	63.3	-59.5	196.8	196.8	-74.7	11.	0.0013	0.0014	0.1032	266.0	49.7
18121.	62.9	-59.5	197.6	197.6	-74.7	11.	0.0013	0.0014	0.1026	266.0	49.7
18171.	62.4	-59.4	198.9	198.9	-74.6	11.	0.0013	0.0014	0.1017	266.0	49.7
18221.	61.9	-59.3	200.2	200.2	-74.5	11.	0.0013	0.0014	0.1009	266.0	49.6
18272.	61.4	-59.4	201.1	201.1	-74.6	11.	0.0013	0.0014	0.1001	266.0	49.6
18332.	60.8	-59.6	202.5	202.5	-74.8	11.	0.0013	0.0014	0.0992	266.0	49.5
18374.	60.4	-59.6	203.5	203.5	-74.9	11.	0.0013	0.0015	0.0986	265.0	49.4
18426.	59.9	-59.9	204.4	204.4	-75.2	11.	0.0013	0.0015	0.0978	265.0	49.4
18478.	59.4	-60.2	205.3	205.3	-75.4	11.	0.0013	0.0015	0.0971	265.0	49.3
18531.	58.9	-60.2	206.5	206.5	-75.4	11.	0.0013	0.0015	0.0964	265.0	49.2
18584.	58.4	-60.3	207.6	207.6	-75.4	11.	0.0013	0.0015	0.0956	265.0	49.1
18638.	57.9	-60.3	208.7	208.7	-75.4	11.	0.0013	0.0015	0.0948	265.0	49.0
18692.	57.4	-60.3	209.8	209.8	-75.4	11.	0.0013	0.0015	0.0939	264.0	48.9
18752.	57.0	-59.9	210.9	210.9	-75.0	11.	0.0013	0.0014	0.0931	264.0	48.8
18779.	56.6	-59.8	211.8	211.8	-74.8	11.	0.0013	0.0014	0.0923	264.0	48.7
18823.	56.2	-59.8	213.1	213.1	-74.9	11.	0.0013	0.0014	0.0916	264.0	48.6
18868.	55.8	-59.7	214.2	214.2	-74.8	11.	0.0014	0.0015	0.0908	264.0	48.5
18913.	55.4	-59.7	215.3	215.3	-74.8	11.	0.0014	0.0015	0.0900	264.0	48.4
18947.	55.1	-59.7	216.1	216.1	-74.8	11.	0.0014	0.0015	0.0894	264.0	48.3
18991.	54.8	-59.5	217.3	217.3	-74.6	11.	0.0014	0.0015	0.0885	264.0	48.2
19027.	54.4	-59.5	218.3	218.3	-74.6	11.	0.0014	0.0015	0.0878	264.0	48.1
19062.	54.1	-59.4	219.3	219.3	-74.5	11.	0.0014	0.0015	0.0871	264.0	48.0
19103.	53.7	-59.4	220.5	220.5	-74.5	11.	0.0014	0.0015	0.0863	264.0	47.9
19144.	53.4	-59.4	221.7	221.7	-74.5	11.	0.0014	0.0015	0.0856	264.0	47.8
19179.	53.1	-59.4	222.7	222.7	-74.5	11.	0.0014	0.0015	0.0849	264.0	47.7
19216.	52.8	-59.3	223.8	223.8	-74.4	11.	0.0014	0.0015	0.0842	264.0	47.6
19267.	52.4	-59.3	225.2	225.2	-74.4	11.	0.0014	0.0015	0.0833	264.0	47.5
19298.	52.1	-59.3	226.1	226.1	-74.4	11.	0.0014	0.0015	0.0827	264.0	47.4
19336.	51.8	-59.3	227.2	227.2	-74.4	11.	0.0014	0.0015	0.0820	264.0	47.3
19374.	51.4	-59.3	228.3	228.3	-74.4	11.	0.0014	0.0015	0.0813	264.0	47.2
19434.	51.0	-59.3	229.3	229.3	-74.4	11.	0.0014	0.0015	0.0806	264.0	47.1
19474.	50.8	-59.3	230.0	230.0	-74.4	11.	0.0014	0.0015	0.0801	264.0	47.0
19534.	50.4	-59.3	231.2	231.2	-74.4	11.	0.0014	0.0015	0.0793	264.0	46.9
19547.	49.7	-59.3	232.4	232.4	-74.4	11.	0.0014	0.0015	0.0785	264.0	46.8
19661.	49.2	-59.2	233.4	233.4	-74.3	11.	0.0014	0.0015	0.0778	264.0	46.7
19712.	48.8	-59.2	234.7	234.7	-74.3	11.	0.0014	0.0015	0.0770	264.0	46.6
19760.	48.4	-59.2	235.5	235.5	-74.3	11.	0.0014	0.0015	0.0765	264.0	46.5
19811.	48.1	-59.2	236.5	236.5	-74.3	11.	0.0014	0.0015	0.0758	264.0	46.4
19847.	47.8	-59.2	237.3	237.3	-74.3	11.	0.0014	0.0015	0.0753	264.0	46.3
19895.	47.4	-59.2	238.4	238.4	-74.3	11.	0.0014	0.0015	0.0746	264.0	46.2
19950.	47.0	-59.2	239.5	239.5	-74.3	11.	0.0014	0.0015	0.0738	264.0	46.1
20004.	46.6	-59.2	240.6	240.6	-74.3	11.	0.0014	0.0015	0.0731	264.0	46.0
20073.	46.1	-59.2	242.2	242.2	-74.3	11.	0.0014	0.0015	0.0722	264.0	45.9
20126.	45.7	-59.2	243.4	243.4	-74.3	11.	0.0014	0.0015	0.0715	264.0	45.8
20179.	45.3	-59.2	244.6	244.6	-74.3	11.	0.0014	0.0015	0.0708	264.0	45.7
20229.	45.0	-59.2	245.7	245.7	-74.3	11.	0.0014	0.0015	0.0702	264.0	45.6
20262.	44.7	-59.2	246.4	246.4	-74.3	11.	0.0014	0.0015	0.0698	264.0	45.5
20311.	44.4	-59.2	247.4	247.4	-74.3	11.	0.0014	0.0015	0.0692	264.0	45.4
20354.	44.1	-59.2	248.7	248.7	-74.3	11.	0.0014	0.0015	0.0686	264.0	45.3
20397.	43.8	-59.2	249.8	249.8	-74.3	11.	0.0014	0.0015	0.0679	264.0	45.2
20444.	43.5	-59.2	251.0	251.0	-74.3	11.	0.0014	0.0015	0.0673	264.0	45.1
20484.	43.2	-59.2	252.0	252.0	-74.3	11.	0.0014	0.0015	0.0668	264.0	45.0
20522.	43.0	-59.2	253.1	253.1	-74.3	11.	0.0014	0.0015	0.0662	264.0	44.9
20573.	42.6	-59.2	254.4	254.4	-74.3	11.	0.0014	0.0015	0.0656	264.0	44.8
20647.	42.4	-59.2	255.9	255.9	-74.3	11.	0.0014	0.0015	0.0648	264.0	44.7
20704.	42.1	-59.2	257.3	257.3	-74.3	11.	0.0014	0.0015	0.0641	264.0	44.6
20767.	41.8	-59.2	258.4	258.4	-74.3	11.	0.0014	0.0015	0.0635	264.0	44.5
20827.	41.5	-59.2	259.7	259.7	-74.3	11.	0.0014	0.0015	0.0628	264.0	44.4
20885.	41.2	-59.2	260.9	260.9	-74.3	11.	0.0014	0.0015	0.0621	264.0	44.3
20918.	41.0	-59.2	261.7	261.7	-74.3	11.	0.0014	0.0015	0.0617	264.0	44.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
20[illegible]	[illegible]	-[illegible]	-[illegible]	[illegible]	-71.7	11.	[illegible]	0.0022	0.7653	3[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-71.6	11.	[illegible]	0.0022	0.0648	2[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-71.5	11.	[illegible]	0.0022	0.0643	2[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-71.5	11.	[illegible]	0.0021	0.0639	2[illegible]	[illegible]
21627.	[illegible]	-[illegible]	[illegible]	[illegible]	-71.5	11.	0.0022	0.0021	0.0634	2[illegible]	[illegible]

SOUNDING 13.2
LATITUDE -42.4 LONGITUDE [illegible]
DATE 11- 3-41 TIME 2133 GMT
NUMBER OF LEVELS 466

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-8.7	[illegible]	3.[illegible]41	3.0813	1.2491	2[illegible]	[illegible]
[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-12.2	82.	2.[illegible]64	2.1146	1.2448	2[illegible]	[illegible]
115[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-10.9	64.	2.4108	1.9918	1.2406	2[illegible]	[illegible]
164[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-11.6	66.	2.[illegible]58	1.8730	1.2371	2[illegible]	[illegible]
213[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-11.7	68.	2.2497	1.8642	1.2339	2[illegible]	[illegible]
271[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-11.7	70.	2.[illegible]45	1.8538	1.2244	2[illegible]	[illegible]
320[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-11.[illegible]	72.	2.1[illegible]28	1.8111	1.2185	2[illegible]	[illegible]
[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-12.2	74.	2.1[illegible]70	1.7826	1.2120	2[illegible]	[illegible]
4[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-12.7	76.	2.0[illegible]44	1.7069	1.2063	2[illegible]	[illegible]
4[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-13.4	78.	1.9[illegible]84	1.6092	1.2001	2[illegible]	[illegible]
5[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-14.2	80.	1.7[illegible]43	1.5010	1.1946	2[illegible]	[illegible]
5[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-14.[illegible]	82.	1.6[illegible]01	1.4110	1.1900	2[illegible]	[illegible]
6[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-15.1	84.	1.6[illegible]75	1.3752	1.1816	2[illegible]	[illegible]
6[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-15.[illegible]	86.	1.5[illegible]96	1.3288	1.1762	2[illegible]	[illegible]
7[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-16.[illegible]	88.	1.5[illegible]65	1.3019	1.1702	2[illegible]	[illegible]
7[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-16.1	70.	1.4[illegible]9[illegible]	1.2642	1.1644	2[illegible]	[illegible]
8[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-14.3	72.	1.4744	1.2437	1.1586	2[illegible]	[illegible]
8[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-14.3	75.	1.4[illegible]76	1.2382	1.1532	2[illegible]	[illegible]
8[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-16.[illegible]	77.	1.4[illegible]86	1.2155	1.1479	2[illegible]	[illegible]
9[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-16.8	79.	1.4[illegible]56	1.1842	1.1424	2[illegible]	[illegible]
1[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-17.[illegible]	79.	1.3[illegible]52	1.1715	1.1364	2[illegible]	[illegible]
10[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-17.4	79.	1.2[illegible]29	1.1210	1.1308	2[illegible]	[illegible]
11[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-17.8	79.	1.2[illegible]49	1.0819	1.1251	2[illegible]	[illegible]
11[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-18.[illegible]	80.	1.2[illegible]57	1.0663	1.1194	2[illegible]	[illegible]
12[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-18.[illegible]	80.	1.2[illegible]17	1.0382	1.1135	2[illegible]	[illegible]
12[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-18.[illegible]	79.	1.1[illegible]61	0.9893	1.1079	2[illegible]	[illegible]
13[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-19.5	76.	1.0[illegible]68	0.9284	1.1016	2[illegible]	[illegible]
13[illegible]	[illegible]	-[illegible]	-[illegible]	-[illegible]	-20.3	72.	1.0[illegible]05	0.8659	1.0947	2[illegible]	[illegible]
1441.	[illegible]	-17.[illegible]	-[illegible]	-[illegible]	-20.[illegible]	70.	0.9463	0.8130	1.0883	2[illegible]	[illegible]
1496.	[illegible]	-17.[illegible]	-[illegible]	0.1	-21.4	69.	0.[illegible]66	0.7805	1.0815	2[illegible]	[illegible]
1550.	[illegible]	-17.[illegible]	0.[illegible]	0.4	-21.7	68.	0.[illegible]19	0.7595	1.0750	2[illegible]	[illegible]
1605.	[illegible]	-18.[illegible]	0.4	0.5	-22.2	68.	0.8365	0.7223	1.0690	2[illegible]	[illegible]
1657.	[illegible]	-18.[illegible]	0.[illegible]	0.[illegible]	-22.[illegible]	67.	0.[illegible]36	0.6867	1.0629	2[illegible]	[illegible]
1708.	[illegible]	-18.[illegible]	0.7	0.[illegible]	-23.5	64.	0.7567	0.6394	1.0572	2[illegible]	[illegible]
1754.	[illegible]	-19.1	1.[illegible]	1.1	-24.[illegible]	62.	0.7002	0.6090	1.0511	2[illegible]	[illegible]
1804.	[illegible]	-19.[illegible]	1.[illegible]	1.4	-24.5	60.	0.[illegible]48	0.5794	1.0449	2[illegible]	[illegible]
1852.	[illegible]	-19.[illegible]	1.6	1.7	-25.1	58.	0.[illegible]05	0.5507	1.0390	2[illegible]	[illegible]
1899.	[illegible]	-19.[illegible]	2.[illegible]	2.1	-25.5	56.	0.6029	0.5276	1.0328	2[illegible]	[illegible]
1947.	[illegible]	-19.7	2.[illegible]	2.[illegible]	-25.[illegible]	55.	0.[illegible]65	0.5138	1.0264	2[illegible]	[illegible]
20[illegible]	[illegible]	-19.[illegible]	2.[illegible]	2.[illegible]	-26.[illegible]	55.	0.[illegible]54	0.5044	1.0199	2[illegible]	[illegible]
2.5[illegible]	[illegible]	-20.[illegible]	3.[illegible]	3.[illegible]	-26.[illegible]	55.	0.[illegible]90	0.4907	1.0142	2[illegible]	[illegible]
2102.	[illegible]	-20.[illegible]	3.[illegible]	3.[illegible]	-26.[illegible]	55.	0.5484	0.4817	1.0080	2[illegible]	[illegible]
2150.	[illegible]	-20.7	3.[illegible]	3.[illegible]	-26.6	56.	0.5424	0.4767	1.0026	2[illegible]	[illegible]
2200.	[illegible]	-21.[illegible]	3.7	3.7	-26.7	57.	0.5363	0.4715	0.9970	2[illegible]	[illegible]
2251.	[illegible]	-21.[illegible]	4.3	4.4	-26.6	57.	0.5415	0.4759	0.9898	2[illegible]	[illegible]
2303.	[illegible]	-21.[illegible]	4.8	4.8	-26.7	57.	0.5363	0.4715	0.9832	2[illegible]	[illegible]
2355.	[illegible]	-21.[illegible]	5.1	5.[illegible]	-26.9	57.	0.5260	0.4628	0.9770	2[illegible]	[illegible]
2412.	[illegible]	-21.[illegible]	5.6	5.7	-27.[illegible]	57.	0.5[illegible]9	0.4585	0.9699	2[illegible]	[illegible]
2464.	[illegible]	-21.[illegible]	5.[illegible]	5.[illegible]	-27.4	56.	0.4971	0.4384	0.9642	2[illegible]	[illegible]
2517.	[illegible]	-21.[illegible]	6.[illegible]	6.[illegible]	-27.8	55.	0.4788	0.4229	0.9580	2[illegible]	[illegible]
2567.	[illegible]	-22.[illegible]	6.[illegible]	6.4	-28.4	54.	0.4521	0.4002	0.9531	2[illegible]	[illegible]
2618.	[illegible]	-22.[illegible]	6.4	6.[illegible]	-28.7	54.	0.4348	0.3854	0.9479	2[illegible]	[illegible]
2669.	[illegible]	-22.[illegible]	6.6	6.7	-28.[illegible]	55.	0.4300	0.3814	0.9425	2[illegible]	[illegible]
2720.	[illegible]	-23.[illegible]	6.[illegible]	6.[illegible]	-29.1	55.	0.4175	0.3707	0.9371	2[illegible]	[illegible]
2768.	[illegible]	-23.[illegible]	7.[illegible]	7.1	-29.6	54.	0.3979	0.3540	0.9321	2[illegible]	[illegible]
2817.	[illegible]	-23.[illegible]	7.2	7.3	-30.4	51.	0.3648	0.3257	0.9269	2[illegible]	[illegible]
2865.	[illegible]	-24.1	7.4	7.5	-31.1	49.	0.3403	0.3046	0.9218	2[illegible]	[illegible]
2913.	[illegible]	-24.4	7.6	7.7	-32.2	46.	0.3133	0.2728	0.9169	2[illegible]	[illegible]
2961.	[illegible]	-24.[illegible]	7.7	7.7	-33.0	43.	0.2885	0.2515	0.9124	2[illegible]	[illegible]
3009.	[illegible]	-25.[illegible]	7.[illegible]	7.[illegible]	-34.3	39.	0.2427	0.2202	0.9078	2[illegible]	[illegible]
3057.	[illegible]	-25.[illegible]	7.[illegible]	7.[illegible]	-34.4	42.	0.2392	0.2171	0.9031	2[illegible]	[illegible]
3106.	[illegible]	-26.[illegible]	8.[illegible]	8.[illegible]	-34.3	42.	0.2412	0.2184	0.8982	2[illegible]	[illegible]
3154.	[illegible]	-26.[illegible]	8.[illegible]	8.[illegible]	-34.6	43.	0.2348	0.2133	0.8941	2[illegible]	[illegible]
3201.	[illegible]	-26.[illegible]	8.[illegible]	8.[illegible]	-34.7	44.	0.2307	0.2097	0.8900	2[illegible]	[illegible]
3250.	[illegible]	-27.[illegible]	8.[illegible]	8.1	-35.[illegible]	45.	0.2266	0.2061	0.8848	2[illegible]	[illegible]
3299.	[illegible]	-27.[illegible]	8.[illegible]	8.[illegible]	-35.1	47.	0.2249	0.2046	0.8805	2[illegible]	[illegible]
3350.	[illegible]	-28.[illegible]	8.[illegible]	8.[illegible]	-35.1	48.	0.2227	0.2027	0.8760	2[illegible]	[illegible]
3402.	[illegible]	-28.[illegible]	[illegible]	[illegible]	-35.[illegible]	51.	0.2140	0.1965	0.8722	2[illegible]	[illegible]
3454.	[illegible]	-28.[illegible]	7.[illegible]	[illegible]	-35.[illegible]	52.	0.2118	0.1925	0.8678	2[illegible]	[illegible]
3504.	[illegible]	-29.[illegible]	[illegible]	[illegible]	-36.1	51.	0.1986	0.1815	0.8632	2[illegible]	[illegible]
3555.	[illegible]	-29.[illegible]	[illegible]	[illegible]	-37.1	48.	0.1774	0.1629	0.8588	2[illegible]	[illegible]
3605.	[illegible]	-30.[illegible]	[illegible]	[illegible]	-38.[illegible]	44.	0.1560	0.1435	0.8542	2[illegible]	[illegible]
3655.	[illegible]	-31.[illegible]	[illegible]	[illegible]	-39.7	39.	0.1326	0.1231	0.8498	2[illegible]	[illegible]
3706.	[illegible]	-31.[illegible]	[illegible]	[illegible]	-40.1	38.	0.1271	0.1182	0.8456	2[illegible]	[illegible]
3754.	[illegible]	-31.[illegible]	[illegible]	[illegible]	-40.[illegible]	38.	0.1200	0.1118	0.8415	2[illegible]	[illegible]
3803.	[illegible]	-32.[illegible]	[illegible]	[illegible]	-40.[illegible]	38.	0.1162	0.1085	0.8370	2[illegible]	[illegible]
3853.	[illegible]	-32.[illegible]	[illegible]	[illegible]	-41.4	38.	0.1102	0.1031	0.8331	2[illegible]	[illegible]
3902.	[illegible]	-33.[illegible]	[illegible]	[illegible]	-41.5	39.	0.1084	0.1014	0.8285	2[illegible]	[illegible]
3952.	[illegible]	-33.[illegible]	[illegible]	[illegible]	-41.6	39.	0.1068	0.0999	0.8222	2[illegible]	[illegible]
3991.	[illegible]	-32.7	10.1	10.1	-42.3	35.	0.0984	0.0933	0.8157	2[illegible]	[illegible]
4042.	[illegible]	-33.[illegible]	11.[illegible]	11.1	-43.[illegible]	31.	0.[illegible]09	0.0856	0.8087	2[illegible]	[illegible]
4090.	[illegible]	-33.[illegible]	11.[illegible]	11.[illegible]	-43.7	28.	0.[illegible]36	0.0792	0.8025	2[illegible]	[illegible]
4139.	[illegible]	-34.7	11.[illegible]	11.[illegible]	-44.4	27.	0.0775	0.0734	0.7984	2[illegible]	[illegible]
4185.	[illegible]	-34.[illegible]	12.1	12.1	-44.1	29.	0.[illegible]6[illegible]	0.0763	0.7941	2[illegible]	[illegible]
4232.	[illegible]	-34.[illegible]	12.[illegible]	12.[illegible]	-43.[illegible]	31.	0.[illegible]26	0.0780	0.7898	2[illegible]	[illegible]
4280.	[illegible]	-34.[illegible]	12.[illegible]	12.[illegible]	-44.1	32.	0.[illegible]2[illegible]	0.0764	0.7858	2[illegible]	[illegible]
4327.	[illegible]	-34.4	12.[illegible]	12.[illegible]	-44.[illegible]	34.	0.0413	0.0769	0.7816	2[illegible]	[illegible]
4380.	[illegible]	-34.[illegible]	12.[illegible]	12.[illegible]	-44.[illegible]	35.	0.[illegible]393	0.0751	0.7778	2[illegible]	[illegible]
4434.	[illegible]	-35.[illegible]	12.[illegible]	12.[illegible]	-44.4	36.	0.0773	0.0732	0.7740	2[illegible]	[illegible]
4482.	[illegible]	-35.6	12.[illegible]	12.[illegible]	-45.[illegible]	36.	0.[illegible]724	0.0687	0.7707	2[illegible]	[illegible]
4531.	[illegible]	-35.[illegible]	12.7	12.7	-46.4	30.	0.[illegible]610	0.0583	0.7649	2[illegible]	[illegible]
4579.	[illegible]	-35.[illegible]	13.[illegible]	13.[illegible]	-46.3	24.	0.[illegible]498	0.0470	0.7598	2[illegible]	[illegible]
4626.	[illegible]	-35.[illegible]	13.[illegible]	13.[illegible]	-51.6	16.	0.[illegible]366	0.0356	0.7545	221.0	14.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+2*SHUM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
4672.	511.4	-5[illegible].9	14.[illegible]	14.4	-[illegible].2	15.	0.0264	0.0250	0.7495	222.0	14.6
4711.	507.0	-5[illegible].2	14.[illegible]	14.[illegible]	-[illegible].3	13.	0.0261	0.0258	0.7448	223.0	15.0
4750.	502.4	-5[illegible].4	15.1	15.1	-[illegible].8	14.	0.0275	0.0271	0.7401	224.0	15.2
4811.	500.3	-5[illegible].3	15.2	15.3	-[illegible].1	16.	0.0304	0.0299	0.7365	224.0	15.4
4850.	497.1	-5[illegible].5	15.4	15.4	-[illegible].9	17.	0.0313	0.0306	0.7327	224.0	15.7
4890.	494.0	-5[illegible].1	15.5	15.6	-[illegible].7	18.	0.0321	0.0314	0.7291	225.0	15.9
4930.	491.0	-5[illegible].5	15.6	15.6	-[illegible].6	18.	0.0314	0.0307	0.7253	225.0	16.1
4971.	488.1	-5[illegible].5	16.1	16.1	-[illegible].5	17.	0.0270	0.0264	0.7216	225.0	16.4
5012.	485.[illegible]	-5[illegible].7	16.[illegible]	16.[illegible]	-[illegible].6	16.	0.0255	0.0247	0.7179	225.0	16.5
5052.	482.4	-5[illegible].	16.7	16.7	-[illegible].3	14.	0.0231	0.0228	0.7141	225.0	16.5
5100.	479.4	-5[illegible].[illegible]	17.[illegible]	17.[illegible]	-[illegible].8	13.	0.0214	0.0213	0.7096	225.0	16.6
5149.	476.3	-5[illegible].[illegible]	17.7	17.7	-[illegible].0	10.	0.0165	0.0165	0.7050	225.0	16.7
5196.	473.3	-5[illegible].7	18.[illegible]	18.[illegible]	-[illegible].5	8.	0.0133	0.0135	0.7003	225.0	16.7
5244.	470.3	-5[illegible].	18.[illegible]	18.[illegible]	-[illegible].5	7.	0.0115	0.0117	0.6964	225.0	16.8
5278.	467.5	-5[illegible].9	19.[illegible]	19.[illegible]	-[illegible].1	5.	0.0082	0.0084	0.6923	225.0	16.9
5332.	464.5	-5[illegible].1	19.[illegible]	19.[illegible]	-[illegible].8	4.	0.0064	0.0066	0.6884	225.0	16.8
5387.	461.5	-5[illegible].[illegible]	19.[illegible]	19.[illegible]	-[illegible].2	5.	0.0046	0.0048	0.6851	225.0	16.9
5440.	458.7	-5[illegible].[illegible]	20.[illegible]	20.[illegible]	-[illegible].2	4.	0.0046	0.0048	0.6810	225.0	16.9
5448.	458.0	-5[illegible].[illegible]	20.[illegible]	20.[illegible]	-[illegible].3	4.	0.0045	0.0047	0.6773	225.0	17.0
5494.	455.5	-5[illegible].[illegible]	20.[illegible]	20.[illegible]	-[illegible].3	3.	0.0029	0.0031	0.6747	225.0	17.0
5532.	452.5	-5[illegible].5	20.[illegible]	20.[illegible]	-[illegible].6	2.	0.0026	0.0030	0.6711	225.0	17.1
5574.	449.6	-5[illegible].[illegible]	20.[illegible]	20.[illegible]	-[illegible].7	2.	0.0027	0.0029	0.6674	225.0	17.1
5619.	446.6	-5[illegible].7	21.1	21.1	-[illegible].9	2.	0.0027	0.0028	0.6637	225.0	17.3
5659.	443.8	-5[illegible].[illegible]	21.[illegible]	21.[illegible]	-[illegible].1	2.	0.0026	0.0027	0.6607	225.0	17.3
5702.	441.0	-5[illegible].[illegible]	21.[illegible]	21.[illegible]	-[illegible].3	2.	0.0026	0.0027	0.6575	224.0	17.4
5741.	438.9	-5[illegible].[illegible]	21.[illegible]	21.[illegible]	-[illegible].6	2.	0.0024	0.0026	0.6545	224.0	17.6
5784.	436.1	-5[illegible].[illegible]	21.7	21.7	-[illegible].7	2.	0.0024	0.0025	0.6508	224.0	17.8
5828.	433.3	-5[illegible].1	21.[illegible]	21.[illegible]	-[illegible].9	2.	0.0027	0.0024	0.6475	224.0	17.8
5871.	430.8	-5[illegible].4	22.[illegible]	22.[illegible]	-[illegible].2	2.	0.0022	0.0024	0.6443	223.0	18.2
5915.	428.0	-5[illegible].[illegible]	22.[illegible]	22.[illegible]	-[illegible].3	2.	0.0021	0.0023	0.6406	223.0	18.4
5960.	425.2	-5[illegible].7	22.[illegible]	22.[illegible]	-[illegible].4	2.	0.0021	0.0023	0.6367	223.0	18.6
6005.	422.4	-5[illegible].[illegible]	23.[illegible]	23.[illegible]	-[illegible].5	2.	0.0021	0.0023	0.6327	223.0	18.9
6047.	419.8	-5[illegible].[illegible]	23.[illegible]	23.[illegible]	-[illegible].6	2.	0.0020	0.0022	0.6294	222.0	19.2
6088.	417.3	-5[illegible].[illegible]	23.[illegible]	23.[illegible]	-[illegible].8	2.	0.0020	0.0021	0.6253	222.0	19.6
6131.	414.4	-5[illegible].4	24.[illegible]	24.[illegible]	-[illegible].9	2.	0.0020	0.0021	0.6226	222.0	19.8
6171.	411.8	-5[illegible].[illegible]	24.[illegible]	24.[illegible]	-[illegible].1	2.	0.0019	0.0021	0.6195	222.0	20.0
6210.	409.6	-5[illegible].[illegible]	24.[illegible]	24.[illegible]	-[illegible].7	1.	0.0009	0.0010	0.6164	223.0	20.3
6250.	407.1	-5[illegible].[illegible]	24.[illegible]	24.[illegible]	-[illegible].7	1.	0.0009	0.0010	0.6129	223.0	20.3
6292.	404.6	-5[illegible].[illegible]	25.[illegible]	25.[illegible]	-[illegible].8	1.	0.0009	0.0010	0.6094	223.0	20.5
6337.	402.0	-5[illegible].1	25.7	25.7	-[illegible].9	1.	0.0009	0.0010	0.6057	223.0	20.7
6377.	399.6	-5[illegible].[illegible]	26.[illegible]	26.[illegible]	-[illegible].0	1.	0.0009	0.0010	0.6026	223.0	20.8
6422.	397.0	-5[illegible].4	26.4	26.4	-[illegible].1	1.	0.0009	0.0010	0.5989	224.0	21.0
6464.	394.6	-5[illegible].[illegible]	26.7	26.7	-[illegible].3	1.	0.0009	0.0009	0.5957	224.0	21.1
6504.	392.2	-5[illegible].[illegible]	26.[illegible]	26.[illegible]	-[illegible].0	1.	0.0017	0.0018	0.5927	224.0	21.2
6543.	389.8	-5[illegible].1	27.1	27.1	-[illegible].2	1.	0.0016	0.0017	0.5898	224.0	21.2
6584.	387.4	-5[illegible].3	27.3	27.3	-[illegible].4	2.	0.0016	0.0017	0.5867	225.0	21.2
6624.	385.2	-5[illegible].4	27.7	27.7	-[illegible].4	2.	0.0016	0.0017	0.5836	225.0	21.2
6667.	382.8	-5[illegible].5	28.1	28.1	-[illegible].5	2.	0.0016	0.0017	0.5802	225.0	21.2
6711.	380.3	-5[illegible].7	28.4	28.4	-[illegible].7	2.	0.0015	0.0016	0.5769	226.0	21.2
6751.	378.0	-5[illegible].[illegible]	28.7	28.7	-[illegible].8	2.	0.0015	0.0016	0.5739	226.0	21.2
6794.	375.6	-5[illegible].[illegible]	28.[illegible]	28.[illegible]	-[illegible].1	2.	0.0014	0.0015	0.5709	226.0	21.2
6837.	373.2	-5[illegible].[illegible]	29.[illegible]	29.[illegible]	-[illegible].3	2.	0.0014	0.0015	0.5680	227.0	21.2
6880.	370.8	-5[illegible].7	29.[illegible]	29.[illegible]	-[illegible].4	2.	0.0013	0.0014	0.5649	227.0	21.2
6922.	368.6	-5[illegible].7	29.7	29.7	-[illegible].5	2.	0.0013	0.0014	0.5617	227.0	21.2
6960.	366.4	-5[illegible].[illegible]	30.[illegible]	30.[illegible]	-[illegible].6	2.	0.0013	0.0014	0.5586	227.0	21.2
6998.	364.3	-5[illegible].[illegible]	30.1	30.1	-[illegible].1	1.	0.0006	0.0007	0.5561	228.0	21.2
7037.	362.2	-5[illegible].4	30.4	30.4	-[illegible].3	1.	0.0006	0.0007	0.5534	228.0	21.1
7077.	359.6	-5[illegible].[illegible]	30.[illegible]	30.[illegible]	-[illegible].4	1.	0.0006	0.0007	0.5505	229.0	21.2
7120.	357.7	-5[illegible].7	31.1	31.1	-[illegible].5	1.	0.0006	0.0007	0.5472	229.0	21.2
7161.	355.5	-5[illegible].[illegible]	31.2	31.2	-[illegible].7	1.	0.0006	0.0006	0.5443	230.0	21.2
7201.	353.4	-5[illegible].1	31.[illegible]	31.6	-[illegible].8	1.	0.0006	0.0006	0.5415	230.0	21.3
7236.	351.5	-5[illegible].4	31.7	31.7	-[illegible].9	1.	0.0006	0.0006	0.5393	231.0	21.3
7278.	349.3	-5[illegible].[illegible]	31.[illegible]	31.[illegible]	-[illegible].2	1.	0.0006	0.0006	0.5364	232.0	21.4
7318.	347.2	-5[illegible].[illegible]	32.1	32.1	-[illegible].4	1.	0.0006	0.0006	0.5339	232.0	21.4
7356.	345.1	-5[illegible].1	32.3	32.3	-[illegible].5	1.	0.0006	0.0006	0.5311	233.0	21.5
7397.	343.1	-5[illegible].[illegible]	32.[illegible]	32.[illegible]	-[illegible].7	1.	0.0005	0.0005	0.5285	233.0	21.4
7437.	341.1	-5[illegible].[illegible]	32.[illegible]	32.[illegible]	-[illegible].8	1.	0.0005	0.0005	0.5256	234.0	21.5
7470.	339.3	-5[illegible].5	33.[illegible]	33.[illegible]	-[illegible].8	1.	0.0005	0.0005	0.5230	234.0	21.5
7509.	337.3	-5[illegible].7	33.[illegible]	33.[illegible]	-[illegible].9	1.	0.0005	0.0005	0.5202	234.0	21.6
7547.	335.4	-5[illegible].7	34.[illegible]	34.[illegible]	-[illegible].0	1.	0.0005	0.0005	0.5175	235.0	21.5
7586.	333.4	-5[illegible].[illegible]	34.[illegible]	34.[illegible]	-[illegible].0	1.	0.0005	0.0005	0.5146	235.0	21.6
7624.	331.4	-5[illegible].[illegible]	34.[illegible]	34.[illegible]	-[illegible].2	1.	0.0004	0.0005	0.5119	236.0	21.5
7664.	329.5	-5[illegible].[illegible]	34.[illegible]	34.[illegible]	-[illegible].3	1.	0.0004	0.0005	0.5094	236.0	21.5
7702.	327.[illegible]	-5[illegible].[illegible]	35.[illegible]	35.[illegible]	-[illegible].4	1.	0.0004	0.0005	0.5072	237.0	21.6
7742.	325.5	-5[illegible].7	35.[illegible]	35.[illegible]	-[illegible].7	1.	0.0004	0.0005	0.5045	237.0	21.6
7780.	323.7	-5[illegible].[illegible]	35.[illegible]	35.[illegible]	-[illegible].9	1.	0.0004	0.0005	0.5020	238.0	21.6
7817.	321.9	-5[illegible].[illegible]	35.[illegible]	35.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4994	237.0	21.7
7855.	320.0	-5[illegible].1	36.[illegible]	36.[illegible]	-[illegible].0	1.	0.0004	0.0004	0.4967	238.0	21.7
7895.	318.1	-5[illegible].[illegible]	36.[illegible]	36.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4937	238.0	21.7
7932.	316.4	-5[illegible].1	37.[illegible]	37.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4909	238.0	21.6
7972.	314.4	-5[illegible].[illegible]	37.[illegible]	37.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4883	238.0	21.7
8012.	312.6	-5[illegible].6	37.[illegible]	37.[illegible]	-[illegible].4	1.	0.0004	0.0004	0.4862	238.0	21.7
8047.	311.[illegible]	-5[illegible].[illegible]	37.7	37.7	-[illegible].6	1.	0.0004	0.0004	0.4840	238.0	21.6
8087.	309.[illegible]	-5[illegible].[illegible]	37.[illegible]	37.[illegible]	-[illegible].[illegible]	1.	0.0004	0.0004	0.4817	238.0	21.6
8126.	307.5	-5[illegible].4	38.[illegible]	38.[illegible]	-[illegible].3	1.	0.0004	0.0004	0.4790	238.0	21.6
8166.	305.1	-5[illegible].[illegible]	38.[illegible]	38.[illegible]	-[illegible].3	1.	0.0004	0.0004	0.4764	238.0	21.6
8209.	303.1	-5[illegible].7	38.[illegible]	38.[illegible]	-[illegible].5	1.	0.0004	0.0004	0.4738	238.0	21.6
8250.	301.2	-5[illegible].[illegible]	39.[illegible]	39.[illegible]	-[illegible].6	1.	0.0004	0.0004	0.4706	238.0	21.6
8289.	299.3	-5[illegible].[illegible]	39.[illegible]	39.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4675	238.0	21.6
8330.	297.2	-5[illegible].[illegible]	40.[illegible]	40.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4648	238.0	21.6
8370.	295.[illegible]	-5[illegible].[illegible]	40.[illegible]	40.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4620	238.0	21.6
8414.	293.[illegible]	-5[illegible].[illegible]	41.[illegible]	41.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4586	239.0	21.5
8454.	291.[illegible]	-5[illegible].[illegible]	41.[illegible]	41.[illegible]	-[illegible].0	1.	0.0004	0.0004	0.4558	239.0	21.6
8497.	289.[illegible]	-5[illegible].[illegible]	42.[illegible]	42.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4530	239.0	21.6
8537.	287.4	-5[illegible].[illegible]	42.[illegible]	42.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4503	239.0	21.6
8577.	285.4	-5[illegible].[illegible]	43.[illegible]	43.[illegible]	-[illegible].1	1.	0.0004	0.0004	0.4478	239.0	21.7
8618.	283.1	-5[illegible].7	44.[illegible]	44.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4453	239.0	21.8
8658.	281.[illegible]	-5[illegible].[illegible]	44.[illegible]	44.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4425	239.0	21.8
8699.	279.[illegible]	-5[illegible].7	45.[illegible]	45.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4397	240.0	21.9
8739.	277.7	-5[illegible].7	46.[illegible]	46.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4368	239.0	22.0
8779.	275.[illegible]	-5[illegible].[illegible]	46.[illegible]	46.[illegible]	-[illegible].2	1.	0.0004	0.0004	0.4341	239.0	22.0
8819.	274.1	-5[illegible].[illegible]	46.[illegible]	46.[illegible]	-[illegible].[illegible]	1.	0.0003	0.0003	0.4320	239.0	22.2
8864.	272.3	-5[illegible].4	46.[illegible]	46.[illegible]	-[illegible].3	1.	0.0003	0.0003	0.4297	239.0	22.2
8907.	270.4	-5[illegible].[illegible]	47.[illegible]	47.[illegible]	-[illegible].8	1.	0.0003	0.0003	0.4271	239.0	22.2
8950.	268.6	-5[illegible].[illegible]	47.[illegible]	47.[illegible]	-[illegible].0	1.	0.0003	0.0003	0.4246	240.0	22.2
8994.	266.7	-5[illegible].[illegible]	48.[illegible]	48.[illegible]	-[illegible].1	1.	0.0003	0.0003	0.4218	240.0	22.3
9038.	264.9	-5[illegible].[illegible]	48.[illegible]	48.[illegible]	-[illegible].1	1.	0.0003	0.0003	0.4195	240.0	22.3
9084.	263.7	-5[illegible].7	48.[illegible]	48.[illegible]	-[illegible].1	1.	0.0003	0.0003	0.4173	241.0	22.3
9116.	262.[illegible]	-5[illegible].7	49.[illegible]	49.[illegible]	-[illegible].3	1.	0.0003	0.0003	0.4150	241.0	22.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9152.	260.3	-53.4	49.6	49.6	-84.4	1.	0.0003	0.0003	0.4126	241.0	22.3
9196.	258.5	-53.6	50.0	50.0	-84.6	1.	0.0003	0.0003	0.4102	240.0	22.3
9236.	256.9	-53.7	50.4	50.4	-84.6	1.	0.0002	0.0003	0.4078	240.0	22.3
9279.	255.2	-53.8	50.8	50.8	-84.7	1.	0.0002	0.0003	0.4053	240.0	22.3
9314.	253.8	-53.9	51.2	51.2	-84.8	1.	0.0002	0.0003	0.4033	240.0	22.3
9355.	252.2	-54.0	51.6	51.6	-84.9	1.	0.0002	0.0003	0.4009	240.0	22.3
9401.	250.4	-54.0	52.3	52.3	-84.9	1.	0.0002	0.0003	0.3980	240.0	22.3
9444.	248.7	-54.1	52.8	52.8	-84.9	1.	0.0002	0.0003	0.3955	240.0	22.2
9488.	247.0	-54.1	53.4	53.4	-84.9	1.	0.0002	0.0003	0.3928	240.0	22.2
9532.	245.3	-54.0	54.2	54.2	-84.9	1.	0.0002	0.0003	0.3899	240.0	22.3
9572.	243.8	-53.9	55.0	55.0	-84.8	1.	0.0002	0.0003	0.3874	240.0	22.3
9614.	242.2	-54.3	55.0	55.0	-85.1	1.	0.0002	0.0003	0.3855	241.0	22.2
9656.	240.6	-54.5	55.3	55.3	-85.2	1.	0.0002	0.0003	0.3833	241.0	22.2
9704.	238.8	-54.7	55.7	55.7	-85.4	1.	0.0002	0.0003	0.3808	241.0	22.2
9742.	237.4	-54.7	56.3	56.3	-85.4	1.	0.0002	0.0003	0.3786	241.0	22.2
9785.	235.8	-54.7	56.9	56.9	-85.4	1.	0.0002	0.0003	0.3760	242.0	22.2
9826.	234.3	-54.9	57.2	57.2	-85.5	1.	0.0002	0.0002	0.3740	242.0	22.1
9867.	232.8	-55.0	57.6	57.6	-85.6	1.	0.0002	0.0002	0.3718	242.0	22.0
9905.	231.4	-54.9	58.4	58.4	-85.5	1.	0.0002	0.0002	0.3693	241.0	21.9
9947.	229.9	-54.8	59.1	59.1	-85.5	1.	0.0002	0.0002	0.3668	243.0	21.9
9986.	228.5	-54.8	59.7	59.7	-85.5	1.	0.0002	0.0002	0.3646	243.0	21.8
10025.	227.1	-54.9	60.1	60.1	-85.5	1.	0.0002	0.0002	0.3625	243.0	21.8
10067.	225.6	-55.1	60.6	60.6	-85.7	1.	0.0002	0.0002	0.3604	244.0	21.6
10107.	224.2	-55.3	60.8	60.8	-85.8	1.	0.0002	0.0002	0.3585	244.0	21.6
10149.	222.7	-55.6	60.9	60.9	-86.0	1.	0.0002	0.0002	0.3566	245.0	21.5
10189.	221.3	-55.8	61.2	61.2	-86.2	1.	0.0002	0.0002	0.3547	245.0	21.4
10233.	219.8	-55.9	61.7	61.7	-86.3	1.	0.0002	0.0002	0.3524	246.0	21.4
10273.	218.4	-55.9	62.3	62.3	-86.3	1.	0.0002	0.0002	0.3502	246.0	21.3
10311.	217.1	-55.9	62.9	62.9	-86.3	1.	0.0002	0.0002	0.3481	247.0	21.4
10349.	215.8	-55.9	63.5	63.5	-86.3	1.	0.0002	0.0002	0.3460	248.0	21.4
10385.	214.6	-55.8	64.2	64.2	-86.2	1.	0.0002	0.0002	0.3440	248.0	21.6
10429.	213.1	-55.8	64.9	64.9	-86.2	1.	0.0002	0.0002	0.3415	249.0	21.6
10474.	211.6	-55.9	65.4	65.4	-86.3	1.	0.0002	0.0002	0.3393	249.0	22.0
10513.	210.3	-55.9	66.0	66.0	-86.3	1.	0.0002	0.0002	0.3372	249.0	22.2
10556.	208.9	-55.8	66.8	66.8	-86.2	1.	0.0002	0.0002	0.3348	250.0	22.4
10598.	207.5	-55.7	67.6	67.6	-86.1	1.	0.0002	0.0002	0.3324	250.0	22.6
10645.	206.0	-55.6	68.1	68.1	-86.2	1.	0.0002	0.0002	0.3302	250.0	22.9
10694.	204.4	-55.9	68.8	68.8	-86.3	1.	0.0002	0.0002	0.3276	251.0	23.1
10738.	203.0	-56.1	69.1	69.1	-86.4	1.	0.0002	0.0002	0.3254	251.0	23.4
10782.	201.6	-56.3	69.5	69.5	-86.6	1.	0.0002	0.0002	0.3232	251.0	23.5
10826.	200.2	-56.4	70.0	70.0	-86.6	1.	0.0002	0.0002	0.3210	251.0	23.7
10870.	198.8	-56.5	70.5	70.5	-86.7	1.	0.0002	0.0002	0.3187	251.0	23.8
10912.	197.5	-56.7	70.8	70.8	-86.9	1.	0.0002	0.0002	0.3167	251.0	24.0
10957.	196.1	-56.8	71.2	71.2	-87.0	1.	0.0002	0.0002	0.3145	251.0	24.1
11002.	194.7	-57.2	71.5	71.5	-87.3	1.	0.0002	0.0002	0.3123	252.0	24.2
11048.	193.3	-57.3	72.0	72.0	-87.3	1.	0.0002	0.0002	0.3100	252.0	24.4
11090.	192.0	-57.3	72.7	72.7	-87.3	1.	0.0002	0.0002	0.3079	252.0	24.4
11133.	190.7	-57.4	73.0	73.0	-87.4	1.	0.0002	0.0002	0.3057	252.0	24.5
11176.	189.4	-57.2	74.1	74.1	-87.2	1.	0.0002	0.0002	0.3036	252.0	24.7
11210.	188.4	-57.3	74.0	74.0	-87.3	1.	0.0002	0.0002	0.3041	252.0	24.6
11253.	187.1	-57.3	75.2	75.2	-87.3	1.	0.0002	0.0002	0.3020	252.0	25.1
11297.	185.8	-57.3	75.5	75.5	-87.3	1.	0.0002	0.0002	0.2999	253.0	25.3
11342.	184.5	-57.4	76.0	76.0	-87.4	1.	0.0002	0.0002	0.2979	253.0	25.4
11383.	183.3	-57.6	76.4	76.4	-87.5	1.	0.0001	0.0002	0.2962	253.0	25.6
11424.	182.1	-57.7	77.3	77.3	-87.6	1.	0.0001	0.0002	0.2944	254.0	25.8
11466.	180.9	-57.8	77.6	77.6	-87.7	1.	0.0001	0.0002	0.2926	254.0	26.1
11508.	179.7	-57.9	78.3	78.3	-87.8	1.	0.0001	0.0002	0.2908	254.0	26.2
11553.	178.4	-57.9	79.0	79.0	-87.8	1.	0.0001	0.0002	0.2887	254.0	26.4
11599.	177.1	-57.9	79.6	79.6	-87.8	1.	0.0001	0.0002	0.2866	255.0	26.6
11642.	175.9	-57.8	80.6	80.6	-87.7	1.	0.0001	0.0002	0.2845	255.0	26.8
11689.	174.6	-57.7	81.5	81.5	-87.6	1.	0.0001	0.0002	0.2823	255.0	27.0
11734.	173.3	-57.8	82.1	82.1	-87.7	1.	0.0001	0.0002	0.2803	255.0	27.2
11778.	172.1	-57.9	82.5	82.5	-87.8	1.	0.0001	0.0002	0.2787	255.0	27.4
11824.	170.9	-58.0	82.7	82.7	-88.0	1.	0.0001	0.0002	0.2771	255.0	27.6
11868.	169.7	-58.1	83.0	83.0	-87.9	1.	0.0001	0.0002	0.2754	256.0	27.8
11909.	168.7	-57.8	84.4	84.4	-87.7	1.	0.0001	0.0002	0.2739	256.0	28.0
11948.	167.8	-57.7	85.7	85.7	-87.6	1.	0.0001	0.0002	0.2710	256.0	28.2
11988.	166.5	-57.6	86.5	86.5	-87.5	1.	0.0001	0.0002	0.2691	256.0	28.4
12033.	165.3	-57.5	87.0	87.0	-87.5	1.	0.0001	0.0002	0.2670	256.0	28.6
12075.	164.2	-57.4	87.7	87.7	-87.4	1.	0.0001	0.0002	0.2651	256.0	28.8
12114.	163.2	-57.4	88.2	88.2	-87.4	1.	0.0001	0.0002	0.2635	256.0	29.0
12157.	162.1	-57.4	88.8	88.8	-87.4	1.	0.0001	0.0002	0.2617	256.0	29.2
12200.	161.0	-57.4	89.3	89.3	-87.4	1.	0.0001	0.0002	0.2600	256.0	29.4
12243.	159.9	-57.3	91.0	91.0	-87.3	1.	0.0001	0.0002	0.2581	256.0	29.6
12286.	158.9	-57.4	91.4	91.4	-87.5	1.	0.0001	0.0002	0.2566	256.0	29.8
12334.	157.8	-57.4	91.9	91.9	-87.7	1.	0.0001	0.0002	0.2549	256.0	30.0
12378.	156.8	-58.	92.3	92.3	-87.8	1.	0.0001	0.0002	0.2534	256.0	30.2
12422.	155.8	-58.4	92.7	92.7	-88.1	1.	0.0001	0.0002	0.2521	256.0	30.4
12471.	154.7	-58.6	93.1	93.1	-88.2	1.	0.0001	0.0002	0.2508	256.0	30.6
12512.	153.8	-58.8	93.6	93.6	-88.4	1.	0.0001	0.0002	0.2493	256.0	30.8
12557.	152.8	-58.9	94.0	94.0	-88.5	1.	0.0001	0.0002	0.2480	256.0	31.0
12603.	151.8	-58.9	94.7	94.7	-88.5	1.	0.0001	0.0002	0.2467	256.0	31.2
12648.	150.9	-58.8	95.4	95.4	-88.4	1.	0.0001	0.0002	0.2454	256.0	31.3
12693.	149.9	-58.7	96.1	96.1	-88.3	1.	0.0001	0.0002	0.2441	256.0	31.4
12738.	149.0	-58.6	96.7	96.7	-88.2	1.	0.0001	0.0002	0.2428	256.0	31.4
12780.	148.2	-58.5	97.2	97.2	-88.1	1.	0.0001	0.0002	0.2416	256.0	31.4
12824.	147.3	-58.4	97.8	97.8	-88.0	1.	0.0001	0.0002	0.2403	256.0	31.4
12867.	146.4	-58.3	98.4	98.4	-87.9	1.	0.0001	0.0002	0.2390	256.0	31.4
12910.	145.5	-58.2	99.0	99.0	-87.8	1.	0.0001	0.0002	0.2377	256.0	31.4
12953.	144.7	-58.1	99.6	99.6	-87.7	1.	0.0001	0.0002	0.2364	256.0	31.4
12996.	143.8	-58.0	100.2	100.2	-87.6	1.	0.0001	0.0002	0.2351	256.0	31.4
13040.	142.9	-57.9	100.8	100.8	-87.5	1.	0.0001	0.0002	0.2338	256.0	31.4
13084.	142.0	-57.8	101.4	101.4	-87.4	1.	0.0001	0.0002	0.2325	256.0	31.4
13128.	141.2	-57.7	102.0	102.0	-87.3	1.	0.0001	0.0002	0.2312	256.0	31.4
13172.	140.3	-57.6	102.6	102.6	-87.2	1.	0.0001	0.0002	0.2299	256.0	31.4
13216.	139.4	-57.5	103.2	103.2	-87.1	1.	0.0001	0.0002	0.2286	256.0	31.4
13260.	138.6	-57.4	103.8	103.8	-87.0	1.	0.0001	0.0002	0.2273	256.0	31.4
13304.	137.7	-57.3	104.4	104.4	-86.9	1.	0.0001	0.0002	0.2260	256.0	31.4
13348.	136.8	-57.2	105.0	105.0	-86.8	1.	0.0001	0.0002	0.2247	256.0	31.4
13392.	135.9	-57.1	105.6	105.6	-86.7	1.	0.0001	0.0002	0.2234	256.0	31.4
13436.	135.0	-57.0	106.2	106.2	-86.6	1.	0.0001	0.0002	0.2221	256.0	31.4
13480.	134.1	-56.9	106.8	106.8	-86.5	1.	0.0001	0.0002	0.2208	256.0	31.4
13524.	133.2	-56.8	107.4	107.4	-86.4	1.	0.0001	0.0002	0.2195	256.0	31.4
13568.	132.3	-56.7	108.0	108.0	-86.3	1.	0.0001	0.0002	0.2182	256.0	31.4
13612.	131.4	-56.6	108.6	108.6	-86.2	1.	0.0001	0.0002	0.2169	256.0	31.4
13656.	130.5	-56.5	109.2	109.2	-86.1	1.	0.0001	0.0002	0.2156	256.0	31.4
13700.	129.6	-56.4	109.8	109.8	-86.0	1.	0.0001	0.0002	0.2143	256.0	31.4
13744.	128.7	-56.3	110.4	110.4	-85.9	1.	0.0001	0.0002	0.2130	256.0	31.4
13788.	127.8	-56.2	111.0	111.0	-85.8	1.	0.0001	0.0002	0.2117	256.0	31.4
13832.	126.9	-56.1	111.6	111.6	-85.7	1.	0.0001	0.0002	0.2104	256.0	31.4
13876.	126.0	-56.0	112.2	112.2	-85.6	1.	0.0001	0.0002	0.2091	256.0	31.4
13920.	125.1	-55.9	112.8	112.8	-85.5	1.	0.0001	0.0002	0.2078	256.0	31.4
13964.	124.2	-55.8	113.4	113.4	-85.4	1.	0.0001	0.0002	0.2065	256.0	31.4
14008.	123.3	-55.7	114.0	114.0	-85.3	1.	0.0001	0.0002	0.2052	256.0	31.4
14052.	122.4	-55.6	114.6	114.6	-85.2	1.	0.0001	0.0002	0.2039	256.0	31.4
14096.	121.5	-55.5	115.2	115.2	-85.1	1.	0.0001	0.0002	0.2026	256.0	31.4
14140.	120.6	-55.4	115.8	115.8	-85.0	1.	0.0001	0.0002	0.2013	256.0	31.4
14184.	119.7	-55.3	116.4	116.4	-84.9	1.	0.0001	0.0002	0.2000	256.0	31.4
14228.	118.8	-55.2	117.0	117.0	-84.8	1.	0.0001	0.0002	0.1987	256.0	31.4
14272.	117.9	-55.1	117.6	117.6	-84.7	1.	0.0001	0.0002	0.1974	256.0	31.4
14316.	117.0	-55.0	118.2	118.2	-84.6	1.	0.0001	0.0002	0.1961	256.0	31.4
14360.	116.1	-54.9	118.8	118.8	-84.5	1.	0.0001	0.0002	0.1948	256.0	31.4
14404.	115.2	-54.8	119.4	119.4	-84.4	1.	0.0001	0.0002	0.1935	256.0	31.4
14448.	114.3	-54.7	120.0	120.0	-84.3	1.	0.0001	0.0002	0.1922	256.0	31.4
14492.	113.4	-54.6	120.6	120.6	-84.2	1.	0.0001	0.0002	0.1909	256.0	31.4
14536.	112.5	-54.5	121.2	121.2	-84.1	1.	0.0001	0.0002	0.1896	256.0	31.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13826.	124.4	-56.8	119.2	119.2	-86.9	1.	0.0002	0.0002	0.2003	262.0	32.8
13867.	123.6	-56.7	120.1	120.1	-86.9	1.	0.0002	0.0002	0.1989	262.0	32.9
13913.	122.7	-56.7	120.9	120.9	-86.9	1.	0.0002	0.0002	0.1975	262.0	32.9
13960.	121.8	-56.7	121.6	121.6	-86.9	1.	0.0002	0.0002	0.1960	262.0	33.0
14002.	121.0	-56.7	122.5	122.5	-86.9	1.	0.0002	0.0002	0.1947	262.0	33.1
14044.	120.2	-56.7	123.3	123.3	-86.9	1.	0.0002	0.0002	0.1935	262.0	33.2
14091.	119.3	-56.8	123.9	123.9	-86.9	1.	0.0002	0.0002	0.1921	262.0	33.3
14134.	118.5	-56.8	124.7	124.7	-86.9	1.	0.0002	0.0002	0.1908	262.0	33.5
14182.	117.6	-56.7	125.8	125.8	-86.9	1.	0.0002	0.0002	0.1893	262.0	33.6
14225.	116.8	-56.6	126.7	126.7	-86.8	1.	0.0002	0.0002	0.1879	262.0	33.9
14274.	115.9	-56.5	127.8	127.8	-86.7	1.	0.0002	0.0002	0.1864	262.0	34.0
14318.	115.1	-56.5	128.6	128.6	-86.7	1.	0.0002	0.0002	0.1851	262.0	34.2
14362.	114.3	-56.6	129.2	129.2	-86.6	1.	0.0002	0.0002	0.1839	262.0	34.5
14412.	113.4	-56.7	129.9	129.9	-86.9	1.	0.0002	0.0002	0.1825	262.0	34.8
14457.	112.6	-56.7	130.7	130.7	-86.9	1.	0.0002	0.0002	0.1812	262.0	35.1
14502.	111.8	-56.6	131.7	131.7	-86.8	1.	0.0002	0.0002	0.1799	262.0	35.4
14547.	111.0	-56.6	132.6	132.6	-86.6	1.	0.0002	0.0002	0.1786	263.0	35.7
14593.	110.2	-56.6	133.4	133.4	-86.8	1.	0.0002	0.0002	0.1773	263.0	36.1
14639.	109.4	-56.6	134.3	134.3	-86.8	1.	0.0002	0.0002	0.1760	263.0	36.3
14686.	108.6	-56.6	135.1	135.1	-86.8	1.	0.0002	0.0002	0.1747	264.0	36.7
14733.	107.8	-56.6	136.0	136.0	-86.8	1.	0.0002	0.0002	0.1734	264.0	37.0
14780.	107.0	-56.6	136.9	136.9	-86.8	1.	0.0002	0.0002	0.1721	265.0	37.3
14827.	106.2	-56.6	137.7	137.7	-86.8	1.	0.0002	0.0002	0.1708	265.0	37.5
14875.	105.4	-56.6	138.6	138.6	-86.8	1.	0.0002	0.0002	0.1696	265.0	37.8
14917.	104.7	-56.4	139.6	139.6	-86.6	1.	0.0002	0.0002	0.1683	266.0	38.0
14966.	103.9	-56.7	140.1	140.1	-86.9	1.	0.0002	0.0002	0.1672	266.0	38.3
15009.	103.2	-57.0	140.3	140.3	-87.1	1.	0.0002	0.0002	0.1663	266.0	38.6
15058.	102.4	-57.4	140.5	140.5	-87.4	1.	0.0002	0.0002	0.1653	266.0	38.9
15101.	101.7	-57.7	140.7	140.7	-87.6	1.	0.0001	0.0002	0.1644	266.0	39.1
15145.	101.0	-57.4	142.1	142.1	-87.4	1.	0.0002	0.0002	0.1631	267.0	39.1
15195.	100.2	-57.3	143.3	143.3	-87.3	1.	0.0002	0.0002	0.1617	267.0	39.3
15239.	99.5	-57.3	144.1	144.1	-87.3	1.	0.0002	0.0002	0.1606	267.0	39.5
15284.	98.8	-57.2	145.1	145.1	-87.2	1.	0.0002	0.0002	0.1594	267.0	39.6
15328.	98.1	-57.1	146.2	146.2	-87.2	1.	0.0002	0.0002	0.1582	267.0	39.7
15374.	97.4	-56.8	147.1	147.1	-86.9	1.	0.0002	0.0002	0.1568	267.0	39.8
15419.	96.7	-56.7	148.7	148.7	-86.9	1.	0.0002	0.0002	0.1556	267.0	39.9
15472.	95.9	-56.8	149.5	149.5	-86.9	1.	0.0002	0.0002	0.1544	267.0	40.0
15512.	95.3	-57.0	149.9	149.9	-87.1	1.	0.0002	0.0002	0.1536	266.0	40.0
15558.	94.6	-57.2	150.4	150.4	-87.2	1.	0.0002	0.0002	0.1526	267.0	40.1
15602.	93.9	-57.3	151.6	151.6	-87.1	1.	0.0002	0.0002	0.1513	267.0	40.1
15646.	93.3	-56.8	152.8	152.8	-86.9	1.	0.0002	0.0002	0.1502	267.0	40.1
15693.	92.6	-56.4	154.5	154.5	-86.6	1.	0.0002	0.0002	0.1488	267.0	40.3
15741.	91.9	-56.1	156.0	156.0	-86.4	1.	0.0002	0.0002	0.1475	268.0	40.4
15753.	91.2	-56.2	156.6	156.6	-86.5	1.	0.0002	0.0002	0.1464	268.0	40.5
15839.	90.5	-56.6	157.7	157.7	-86.5	1.	0.0002	0.0002	0.1453	269.0	40.6
15888.	89.8	-56.2	158.7	158.7	-86.5	1.	0.0002	0.0002	0.1442	269.0	40.7
15938.	89.1	-56.2	159.7	159.7	-86.5	1.	0.0002	0.0002	0.1431	270.0	40.8
15980.	88.5	-56.3	160.3	160.3	-86.6	1.	0.0002	0.0002	0.1422	270.0	40.9
16031.	87.8	-56.5	161.3	161.3	-86.6	1.	0.0002	0.0002	0.1410	270.0	41.1
16074.	87.2	-56.2	162.3	162.3	-86.5	1.	0.0002	0.0002	0.1400	270.0	41.2
16125.	86.5	-56.1	163.5	163.5	-86.4	1.	0.0002	0.0002	0.1388	270.0	41.4
16177.	85.8	-56.0	164.8	164.8	-86.3	1.	0.0002	0.0002	0.1376	271.0	41.6
16229.	85.1	-56.0	165.8	165.8	-86.3	1.	0.0002	0.0002	0.1365	271.0	41.8
16281.	84.4	-56.1	166.6	166.6	-86.4	1.	0.0002	0.0002	0.1355	271.0	42.0
16327.	83.8	-56.1	167.5	167.5	-86.4	1.	0.0002	0.0002	0.1345	271.0	42.1
16380.	83.1	-56.0	168.8	168.8	-86.3	1.	0.0002	0.0002	0.1333	271.0	42.3
16426.	82.5	-56.1	169.5	169.5	-86.4	1.	0.0002	0.0002	0.1324	271.0	42.5
16472.	81.9	-56.1	170.4	170.4	-86.4	1.	0.0002	0.0002	0.1314	271.0	42.6
16527.	81.2	-56.1	171.5	171.5	-86.4	1.	0.0002	0.0002	0.1303	271.0	42.8
16566.	80.7	-56.2	172.1	172.1	-86.5	1.	0.0002	0.0002	0.1296	271.0	43.2
16613.	80.1	-56.4	172.6	172.6	-86.6	1.	0.0002	0.0002	0.1287	270.0	43.4
16661.	79.5	-56.6	173.2	173.2	-86.8	1.	0.0002	0.0002	0.1279	270.0	43.6
16709.	78.9	-56.7	173.8	173.8	-86.9	1.	0.0002	0.0002	0.1270	270.0	43.8
16749.	78.4	-56.7	174.7	174.7	-86.9	1.	0.0002	0.0002	0.1262	270.0	44.0
16798.	77.8	-56.5	176.1	176.1	-86.7	1.	0.0002	0.0002	0.1251	270.0	44.2
16847.	77.2	-56.5	177.5	177.5	-86.6	1.	0.0002	0.0002	0.1240	270.0	44.4
16896.	76.6	-56.5	178.5	178.5	-86.6	1.	0.0002	0.0002	0.1231	269.0	44.6
16938.	76.1	-56.4	179.4	179.4	-86.6	1.	0.0002	0.0002	0.1223	269.0	44.8
16988.	75.5	-56.4	180.2	180.2	-86.6	1.	0.0002	0.0002	0.1213	269.0	44.9
17030.	75.0	-56.1	181.7	181.7	-86.4	1.	0.0002	0.0002	0.1204	269.0	45.1
17081.	74.4	-56.2	182.6	182.6	-86.3	1.	0.0002	0.0002	0.1194	268.0	45.3
17124.	73.9	-55.9	184.2	184.3	-86.2	1.	0.0002	0.0002	0.1184	268.0	45.6
17175.	73.3	-55.9	186.0	186.0	-86.0	1.	0.0002	0.0002	0.1173	268.0	45.8
17228.	72.7	-55.9	187.5	187.5	-85.8	1.	0.0002	0.0002	0.1163	268.0	46.0
17272.	72.2	-55.8	188.6	188.6	-85.8	1.	0.0002	0.0002	0.1154	268.0	46.3
17325.	71.6	-55.7	189.8	189.8	-85.7	1.	0.0002	0.0002	0.1144	268.0	46.5
17370.	71.1	-55.7	190.8	190.8	-85.7	1.	0.0002	0.0002	0.1136	268.0	46.8
17424.	70.5	-55.7	191.7	191.7	-85.8	1.	0.0002	0.0002	0.1127	268.0	47.0
17469.	70.0	-55.7	192.5	192.5	-85.8	1.	0.0002	0.0002	0.1119	268.0	47.2
17524.	69.4	-55.8	193.6	193.6	-85.8	1.	0.0002	0.0002	0.1110	268.0	47.4
17570.	68.9	-55.8	194.6	194.6	-85.8	1.	0.0002	0.0002	0.1102	269.0	47.6
17622.	68.3	-55.8	195.7	195.7	-85.8	1.	0.0002	0.0002	0.1092	269.0	47.8
17672.	67.8	-55.8	196.6	196.6	-85.8	1.	0.0002	0.0002	0.1085	269.0	48.0
17719.	67.3	-55.8	197.5	197.5	-85.8	1.	0.0002	0.0002	0.1077	269.0	48.2
17770.	66.7	-55.8	198.4	198.5	-85.8	1.	0.0002	0.0002	0.1068	269.0	48.5
17824.	66.2	-55.8	199.6	199.6	-85.8	1.	0.0002	0.0002	0.1062	270.0	48.8
17872.	65.7	-55.8	200.5	200.5	-85.8	1.	0.0002	0.0002	0.1052	270.0	49.1
17921.	65.2	-55.8	201.5	201.5	-85.8	1.	0.0002	0.0002	0.1043	270.0	49.4
17970.	64.7	-55.8	202.7	202.7	-85.8	1.	0.0002	0.0002	0.1033	270.0	49.8
18022.	64.2	-55.8	203.8	203.8	-85.8	1.	0.0002	0.0002	0.1025	270.0	50.1
18069.	63.7	-55.7	204.7	204.7	-85.8	1.	0.0002	0.0002	0.1016	270.0	50.4
18120.	63.2	-55.7	205.8	205.8	-85.8	1.	0.0002	0.0002	0.1006	270.0	50.7
18171.	62.7	-55.6	206.8	206.8	-85.8	1.	0.0002	0.0002	0.0999	271.0	51.0
18211.	62.3	-55.7	207.5	207.5	-85.8	1.	0.0002	0.0002	0.0993	271.0	51.3
18262.	61.8	-55.6	208.5	208.5	-85.8	1.	0.0002	0.0002	0.0985	271.0	51.6
18312.	61.3	-55.6	209.5	209.5	-85.8	1.	0.0002	0.0002	0.0977	271.0	51.9
18357.	60.9	-55.6	210.4	210.4	-85.8	1.	0.0002	0.0002	0.0970	271.0	52.2
18409.	60.4	-55.6	211.5	211.5	-85.8	1.	0.0002	0.0002	0.0965	271.0	52.5
18458.	60.0	-55.6	212.5	212.5	-85.8	1.	0.0002	0.0002	0.0956	271.0	52.8
18507.	59.5	-55.6	213.5	213.5	-85.8	1.	0.0002	0.0002	0.0946	271.0	53.2
18554.	59.1	-55.6	214.5	214.5	-85.8	1.	0.0002	0.0002	0.0940	271.0	53.5
18603.	58.6	-55.6	215.7	215.7	-85.8	1.	0.0002	0.0002	0.0933	271.0	53.8
18648.	58.2	-55.6	216.6	216.6	-85.8	1.	0.0002	0.0002	0.0928	271.0	54.1
18696.	57.8	-55.7	217.6	217.6	-85.8	1.	0.0002	0.0002	0.0922	270.0	54.4
18744.	57.3	-55.7	218.6	218.6	-85.8	1.	0.0002	0.0002	0.0914	270.0	54.7
18791.	56.9	-55.7	219.6	219.6	-85.8	1.	0.0002	0.0002	0.0908	270.0	55.1
18847.	56.4	-55.7	220.8	220.8	-85.8	1.	0.0002	0.0002	0.0901	270.0	55.4
18892.	56.0	-55.7	221.8	221.8	-85.8	1.	0.0002	0.0002	0.0894	270.0	55.8
18950.	55.5	-55.7	223.1	223.1	-85.8	1.	0.0002	0.0002	0.0885	270.0	56.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18995.	55.1	-54.4	227.5	227.5	-85.2	1.	0.0000	0.0003	0.0877	270.0	56.5
19042.	54.7	-54.3	228.4	228.4	-84.9	1.	0.0000	0.0003	0.0870	270.0	56.8
19089.	54.3	-53.7	231.2	231.2	-84.6	1.	0.0000	0.0003	0.0862	270.0	57.1
19137.	53.9	-53.4	232.6	232.6	-84.4	1.	0.0000	0.0003	0.0854	270.0	57.2
19185.	53.5	-53.1	233.9	233.9	-84.5	1.	0.0000	0.0003	0.0849	270.0	57.4
19245.	53.0	-53.7	234.7	234.7	-84.6	1.	0.0000	0.0003	0.0841	270.0	57.6
19294.	52.5	-53.9	235.5	235.5	-84.8	1.	0.0000	0.0003	0.0836	270.0	57.6
19345.	52.1	-54.1	236.6	236.6	-84.9	1.	0.0000	0.0003	0.0830	270.0	57.9
19392.	51.8	-54.2	236.9	236.9	-85.0	1.	0.0000	0.0003	0.0824	270.0	57.8
19441.	51.4	-54.1	238.0	238.0	-84.9	1.	0.0000	0.0003	0.0817	270.0	57.9
19491.	51.0	-54.1	238.9	238.9	-84.9	1.	0.0000	0.0003	0.0811	270.0	57.9
19542.	50.6	-54.3	240.0	240.0	-85.1	1.	0.0000	0.0003	0.0805	270.0	57.8
19593.	50.2	-54.7	240.3	240.3	-85.4	1.	0.0000	0.0003	0.0801	269.0	57.7
19657.	49.7	-54.6	242.0	242.0	-85.3	1.	0.0000	0.0003	0.0792	269.0	57.7
19708.	49.3	-54.4	243.0	243.0	-85.2	1.	0.0000	0.0003	0.0785	269.0	57.6
19747.	49.0	-54.1	245.2	245.2	-84.9	1.	0.0000	0.0003	0.0779	269.0	57.5
19800.	48.6	-53.7	247.4	247.4	-84.6	1.	0.0000	0.0003	0.0771	269.0	57.5
19853.	48.2	-53.4	249.3	249.3	-84.4	1.	0.0000	0.0003	0.0764	269.0	57.5
19926.	47.8	-53.3	250.4	250.4	-84.4	1.	0.0000	0.0003	0.0757	269.0	57.5
19960.	47.4	-53.2	252.3	252.3	-84.3	1.	0.0000	0.0003	0.0751	267.0	57.6
20010.	47.0	-52.9	254.2	254.2	-84.1	1.	0.0000	0.0003	0.0743	267.0	57.7
20070.	46.6	-52.8	256.2	256.2	-83.6	1.	0.0000	0.0003	0.0736	267.0	57.8
20114.	46.3	-52.7	256.6	256.6	-84.1	1.	0.0000	0.0003	0.0732	266.0	58.0
20167.	45.9	-53.4	256.7	256.7	-84.4	1.	0.0000	0.0003	0.0728	266.0	58.1
20224.	45.5	-53.9	256.8	256.8	-84.8	1.	0.0000	0.0003	0.0723	265.0	58.3
20266.	45.2	-54.5	256.4	256.4	-85.2	1.	0.0000	0.0003	0.0720	265.0	58.4
20323.	44.8	-54.9	256.7	256.7	-85.5	1.	0.0000	0.0002	0.0715	265.0	58.5
20380.	44.4	-55.3	257.1	257.1	-85.8	1.	0.0000	0.0002	0.0710	265.0	58.7
20437.	44.0	-55.4	258.2	258.2	-85.9	1.	0.0000	0.0002	0.0704	264.0	58.7
20481.	43.7	-55.4	259.3	259.3	-85.9	1.	0.0000	0.0002	0.0699	264.0	58.6
20540.	43.3	-55.3	260.9	260.9	-85.8	1.	0.0000	0.0002	0.0692	264.0	58.6
20584.	43.0	-55.3	262.0	262.0	-85.8	1.	0.0000	0.0002	0.0688	264.0	58.5
20629.	42.7	-55.4	262.8	262.8	-85.9	1.	0.0000	0.0002	0.0683	264.0	58.4
20686.	42.3	-55.0	265.2	265.2	-85.6	1.	0.0000	0.0002	0.0675	264.0	58.5
20734.	42.0	-54.7	267.1	267.1	-85.4	1.	0.0000	0.0003	0.0670	263.0	58.3
20780.	41.7	-54.5	268.7	268.7	-85.2	1.	0.0000	0.0003	0.0664	262.0	57.8
20841.	41.3	-54.4	270.4	270.4	-85.2	1.	0.0000	0.0003	0.0658	261.0	56.0
20888.	41.0	-54.3	271.6	271.6	-85.1	1.	0.0000	0.0003	0.0653	99.9	99.9
20935.	40.7	-54.1	273.5	273.5	-84.9	1.	0.0000	0.0003	0.0647	99.9	99.9
20998.	40.3	-53.7	276.0	276.0	-84.6	1.	0.0000	0.0003	0.0640	99.9	99.9
21046.	40.0	-53.4	278.2	278.2	-84.4	1.	0.0000	0.0003	0.0634	99.9	99.9
21095.	39.7	-52.7	280.9	280.9	-83.9	1.	0.0000	0.0003	0.0627	99.9	99.9
21145.	39.4	-52.8	281.8	281.8	-84.0	1.	0.0000	0.0003	0.0623	246.0	47.6
21193.	39.1	-52.9	282.8	282.8	-84.1	1.	0.0000	0.0003	0.0618	99.9	99.9
21242.	38.8	-53.0	283.7	283.7	-84.1	1.	0.0000	0.0003	0.0614	99.9	99.9
21292.	38.5	-53.1	284.7	284.7	-84.2	1.	0.0000	0.0003	0.0609	99.9	99.9

SOUNDING 46.:
LATITUDE -62.4 LONGITUDE 1.8
DATE 11- 3-81 TIME 2347 GMT
NUMBER OF LEVELS 325

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	968.9	-7.6	-4.6	-4.3	-9.4	81.	2.7510	2.2601	1.2704	285.0	12.0
52.	962.5	-7.2	-4.3	-4.0	-9.6	81.	2.7035	2.2227	1.2630	279.0	11.9
104.	956.0	-7.5	-4.2	-3.9	-9.9	82.	2.6432	2.1752	1.2563	278.0	12.5
156.	949.6	-8.2	-4.3	-4.0	-10.3	83.	2.5387	2.0929	1.2506	276.0	12.8
210.	943.0	-8.7	-4.2	-4.0	-10.5	85.	2.4882	2.0530	1.2443	275.0	13.0
265.	936.6	-9.0	-4.2	-3.9	-10.6	88.	2.4650	2.0347	1.2382	275.0	13.1
318.	930.0	-9.6	-4.1	-3.8	-10.7	91.	2.4604	2.0311	1.2313	274.0	13.0
373.	923.3	-10.1	-4.0	-3.8	-11.0	92.	2.3795	1.9671	1.2247	273.0	12.9
434.	916.0	-10.6	-3.9	-3.6	-11.4	92.	2.2963	1.9011	1.2168	273.0	12.6
492.	909.2	-10.9	-3.7	-3.4	-11.6	92.	2.2157	1.8372	1.2096	272.0	12.3
551.	902.2	-11.3	-3.5	-3.2	-12.1	93.	2.1696	1.7937	1.2021	272.0	12.0
610.	895.3	-11.7	-3.3	-3.1	-12.6	92.	2.0622	1.7151	1.1946	272.0	11.7
672.	888.0	-12.2	-3.2	-3.0	-13.2	91.	1.9499	1.6256	1.1871	272.0	11.4
727.	881.6	-12.4	-2.8	-2.6	-13.4	91.	1.9149	1.5976	1.1794	272.0	11.2
783.	875.2	-12.6	-2.5	-2.3	-13.5	92.	1.9012	1.5867	1.1717	272.0	11.1
843.	868.4	-12.5	-1.8	-1.6	-13.3	93.	1.9393	1.6171	1.1622	271.0	10.9
904.	861.4	-12.3	-0.9	-0.7	-13.0	94.	1.9958	1.6622	1.1520	271.0	10.8
964.	854.7	-12.1	-0.1	0.1	-12.8	94.	2.0321	1.6912	1.1423	270.0	10.6
1023.	848.1	-12.0	0.6	0.8	-12.7	94.	2.0505	1.7058	1.1330	270.0	10.4
1080.	841.8	-12.1	1.1	1.3	-12.9	93.	2.0124	1.6738	1.1250	270.0	10.2
1137.	835.5	-12.4	1.3	1.6	-13.2	93.	1.9566	1.6309	1.1179	271.0	10.1
1199.	828.8	-12.8	1.5	1.8	-13.6	93.	1.8870	1.5753	1.1105	272.0	10.0
1259.	822.3	-13.2	1.7	2.0	-14.1	92.	1.8000	1.5057	1.1035	272.0	9.9
1317.	816.0	-13.6	1.9	2.1	-14.6	91.	1.7167	1.4388	1.0966	272.0	9.7
1379.	809.4	-13.9	2.2	2.5	-14.9	91.	1.6702	1.4015	1.0890	271.0	9.5
1438.	803.1	-14.0	2.7	3.0	-15.0	91.	1.6550	1.3892	1.0809	272.0	9.2
1497.	796.9	-13.8	3.6	3.9	-14.7	92.	1.7040	1.4286	1.0718	273.0	9.0
1556.	790.7	-12.5	5.6	5.8	-13.2	94.	1.9595	1.6332	1.0584	275.0	8.8
1617.	784.4	-12.7	6.0	6.3	-13.6	92.	1.8833	1.5724	1.0507	277.0	8.6
1678.	778.2	-12.8	6.5	6.8	-14.3	87.	1.7648	1.4775	1.0427	278.0	8.4
1736.	772.3	-12.8	7.1	7.4	-15.1	84.	1.6431	1.3797	1.0348	281.0	8.2
1791.	766.7	-12.9	7.6	7.8	-16.3	73.	1.4674	1.2380	1.0275	284.0	8.2
1849.	760.9	-13.2	7.9	8.1	-17.9	65.	1.2714	1.0791	1.0208	285.0	8.1
1907.	755.1	-13.5	8.2	8.5	-19.2	59.	1.1229	0.9580	1.0140	288.0	8.0
1966.	749.3	-13.8	8.5	8.8	-20.4	54.	1.0300	0.8572	1.0073	289.0	7.9
2025.	743.4	-14.2	8.7	8.8	-21.5	50.	0.8926	0.7687	1.0008	290.0	7.8
2088.	737.3	-14.5	9.0	9.2	-21.4	52.	0.9031	0.7773	0.9938	292.0	7.7
2150.	731.3	-14.8	9.4	9.5	-21.1	55.	0.9291	0.7988	0.9869	294.0	7.5
2210.	725.5	-15.0	9.8	9.9	-20.2	61.	1.0116	0.8668	0.9799	295.0	7.5
2271.	719.6	-15.2	10.2	10.4	-19.3	68.	1.1071	0.9450	0.9728	294.0	7.3
2337.	713.4	-15.6	10.6	10.7	-20.1	65.	1.0292	0.8812	0.9654	295.0	7.2
2399.	707.5	-15.8	10.9	11.1	-21.2	60.	0.9240	0.7946	0.9585	294.0	7.1
2459.	701.9	-16.2	11.1	11.3	-22.3	56.	0.8309	0.7176	0.9523	294.0	7.1
2520.	696.2	-16.6	11.4	11.5	-22.0	60.	0.8576	0.7398	0.9461	293.0	6.9
2583.	690.4	-16.8	11.8	12.0	-21.6	63.	0.8838	0.7614	0.9390	292.0	7.0
2647.	684.5	-17.0	12.1	12.4	-21.2	67.	0.9224	0.7933	0.9317	291.0	6.9
2714.	678.4	-17.2	12.8	13.0	-20.7	72.	0.9728	0.8348	0.9242	289.0	6.9
2775.	672.9	-17.5	13.1	13.3	-20.4	76.	0.9983	0.8558	0.9178	286.0	6.8
2833.	667.7	-18.0	13.2	13.4	-20.6	78.	0.9774	0.8386	0.9125	285.0	6.9
2891.	662.5	-18.4	13.4	13.5	-21.7	73.	0.8806	0.7589	0.9067	283.0	6.9
2948.	657.5	-18.8	13.6	13.7	-22.4	71.	0.8247	0.7125	0.9012	281.0	7.0
3003.	652.6	-19.4	13.5	13.6	-22.8	72.	0.7899	0.6836	0.8966	280.0	7.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3063.	647.4	-19.8	13.7	13.8	-23.0	73.	0.7758	0.6677	0.8909	276.0	7.2
3121.	642.3	-20.2	13.5	14.0	-23.3	74.	0.7519	0.6520	0.8852	277.0	7.3
3181.	637.1	-20.5	14.2	14.4	-23.8	72.	0.7197	0.6178	0.8791	274.0	7.4
3236.	632.2	-20.9	14.0	14.6	-24.4	70.	0.6713	0.5844	0.8733	273.0	7.6
3296.	627.3	-21.1	14.4	14.8	-23.6	67.	0.6241	0.5453	0.8675	272.0	7.8
3356.	622.2	-21.4	15.1	15.3	-25.8	65.	0.5881	0.5151	0.8615	271.0	8.0
3416.	617.1	-21.7	15.2	15.5	-25.9	67.	0.5775	0.5062	0.8561	270.0	8.2
3475.	612.2	-22.1	15.4	15.8	-26.6	66.	0.5719	0.5015	0.8507	270.0	8.4
3534.	607.3	-22.7	15.6	15.7	-26.3	70.	0.5579	0.4897	0.8452	269.0	8.5
3591.	602.6	-23.3	15.8	16.0	-26.3	72.	0.5572	0.4891	0.8397	268.0	8.7
3649.	597.9	-23.9	16.0	16.3	-27.2	69.	0.5126	0.4502	0.8341	268.0	8.8
3708.	593.0	-24.5	16.2	16.4	-28.1	63.	0.4641	0.4104	0.8277	267.0	9.0
3765.	588.4	-25.0	17.1	17.1	-28.2	66.	0.4148	0.3684	0.8224	267.0	9.1
3821.	583.9	-24.6	17.7	17.6	-30.4	53.	0.3645	0.3252	0.8174	267.0	9.3
3878.	579.5	-24.1	17.4	17.5	-31.3	50.	0.3336	0.2988	0.8122	267.0	9.4
3934.	574.9	-24.9	17.6	17.7	-32.9	44.	0.2821	0.2544	0.8070	268.0	9.4
3990.	570.3	-25.4	17.7	17.7	-33.2	46.	0.2199	0.1999	0.8021	268.0	9.6
4050.	565.6	-26.0	17.7	17.7	-33.1	45.	0.1435	0.1329	0.7974	268.0	9.7
4112.	560.9	-26.6	17.5	17.6	-33.5	45.	0.1366	0.1266	0.7923	267.0	9.8
4171.	556.3	-26.9	18.0	18.0	-39.5	26.	0.1363	0.1264	0.7871	266.0	10.0
4230.	551.6	-27.3	18.2	18.2	-38.2	28.	0.1409	0.1305	0.7820	266.0	10.1
4287.	547.4	-27.6	18.1	18.1	-38.9	30.	0.1465	0.1355	0.7767	265.0	10.1
4340.	542.7	-28.1	18.5	18.7	-38.7	32.	0.1484	0.1372	0.7716	265.0	10.1
4413.	537.9	-28.6	18.7	18.8	-37.9	37.	0.1630	0.1502	0.7664	265.0	10.2
4475.	533.2	-29.1	18.9	19.1	-38.4	33.	0.1381	0.1280	0.7612	264.0	10.3
4537.	528.6	-29.6	19.0	19.1	-41.0	29.	0.1152	0.1074	0.7562	264.0	10.3
4598.	524.1	-30.1	19.2	19.2	-42.7	25.	0.0943	0.0887	0.7513	264.0	10.3
4657.	519.6	-30.6	19.2	19.3	-44.7	21.	0.0758	0.0713	0.7466	263.0	10.2
4719.	515.2	-31.1	19.4	19.4	-46.0	17.	0.0597	0.0563	0.7415	264.0	10.2
4781.	510.7	-31.7	19.4	19.4	-49.0	14.	0.0447	0.0432	0.7369	264.0	10.1
4844.	506.2	-32.2	19.5	19.5	-51.4	11.	0.0333	0.0325	0.7319	264.0	10.0
4905.	501.8	-32.8	19.5	19.5	-54.4	8.	0.0227	0.0225	0.7273	265.0	9.9
4969.	497.3	-33.3	19.7	19.7	-57.0	6.	0.0161	0.0162	0.7223	265.0	9.9
5031.	492.9	-33.9	19.7	19.7	-60.5	4.	0.0101	0.0103	0.7177	264.0	9.8
5092.	488.5	-34.5	19.7	19.7	-61.0	4.	0.0095	0.0097	0.7132	264.0	9.8
5154.	484.3	-35.1	19.8	19.9	-61.4	4.	0.0090	0.0092	0.7084	264.0	9.8
5219.	479.8	-35.8	20.0	20.0	-61.8	4.	0.0085	0.0087	0.7033	264.0	9.7
5282.	475.4	-36.4	20.1	20.1	-62.2	4.	0.0080	0.0083	0.6983	264.0	9.7
5344.	471.2	-36.9	20.4	20.4	-62.5	4.	0.0077	0.0079	0.6933	264.0	9.7
5410.	466.7	-37.5	20.5	20.5	-62.9	4.	0.0073	0.0075	0.6882	263.0	9.7
5476.	462.3	-38.1	20.7	20.7	-63.3	4.	0.0069	0.0071	0.6831	261.0	9.7
5542.	457.9	-38.7	21.4	21.4	-63.4	4.	0.0068	0.0070	0.6769	259.0	9.8
5605.	453.7	-39.3	22.1	22.1	-63.4	4.	0.0067	0.0070	0.6710	258.0	9.9
5669.	449.5	-39.7	22.7	22.7	-63.5	4.	0.0067	0.0069	0.6651	258.0	10.1
5732.	445.4	-39.9	23.2	23.2	-63.7	4.	0.0065	0.0067	0.6596	258.0	10.2
5796.	441.3	-39.9	23.6	23.6	-63.8	4.	0.0063	0.0065	0.6543	258.0	10.6
5857.	437.4	-39.9	24.0	24.0	-64.2	4.	0.0061	0.0063	0.6494	258.0	10.7
5918.	433.5	-39.7	24.3	24.3	-64.3	4.	0.0060	0.0062	0.6441	257.0	11.0
5975.	429.9	-39.4	24.8	24.8	-64.5	4.	0.0058	0.0061	0.6393	256.0	11.4
6036.	426.1	-39.4	25.1	25.1	-64.5	4.	0.0056	0.0057	0.6350	257.0	11.6
6095.	422.4	-39.0	25.2	25.2	-64.3	4.	0.0052	0.0054	0.6309	257.0	11.8
6154.	418.8	-40.3	25.4	25.4	-65.6	4.	0.0050	0.0052	0.6266	257.0	12.3
6212.	415.2	-40.8	25.5	25.5	-66.0	4.	0.0047	0.0049	0.6225	256.0	12.7
6271.	411.6	-41.2	25.7	25.7	-66.3	4.	0.0045	0.0047	0.6182	256.0	13.0
6334.	407.8	-41.6	25.8	25.8	-66.8	4.	0.0042	0.0044	0.6141	247.0	13.3
6397.	404.0	-42.3	25.4	25.4	-67.2	4.	0.0040	0.0042	0.6097	247.0	13.8
6461.	400.2	-42.8	26.1	26.1	-67.6	4.	0.0037	0.0039	0.6052	247.0	14.1
6524.	396.5	-43.2	26.3	26.3	-67.9	4.	0.0036	0.0038	0.6007	247.0	14.6
6585.	392.9	-43.5	26.7	26.7	-68.1	4.	0.0034	0.0036	0.5960	247.0	15.0
6647.	389.3	-43.9	27.0	27.0	-68.4	4.	0.0033	0.0035	0.5916	247.0	15.3
6711.	385.6	-44.5	27.0	27.0	-68.9	4.	0.0031	0.0033	0.5875	247.0	15.6
6771.	382.1	-45.0	27.2	27.2	-69.3	4.	0.0029	0.0031	0.5834	247.0	16.1
6838.	378.3	-45.6	27.2	27.2	-69.8	4.	0.0027	0.0029	0.5791	247.0	16.4
6903.	374.6	-46.1	27.4	27.4	-70.2	4.	0.0025	0.0027	0.5747	247.0	16.8
6967.	371.0	-46.5	27.7	27.7	-70.5	4.	0.0024	0.0026	0.5702	246.0	17.1
7030.	367.5	-46.9	28.0	28.0	-70.8	4.	0.0023	0.0025	0.5658	246.0	17.5
7092.	364.1	-47.4	28.1	28.1	-71.2	4.	0.0022	0.0023	0.5619	246.0	17.7
7152.	360.8	-47.8	28.4	28.4	-71.6	4.	0.0021	0.0022	0.5577	246.0	18.0
7210.	357.6	-48.2	28.5	28.5	-72.0	4.	0.0019	0.0021	0.5540	246.0	18.2
7271.	354.3	-48.7	28.7	28.7	-72.3	4.	0.0019	0.0020	0.5499	245.0	18.4
7336.	350.8	-49.2	28.9	28.9	-72.7	4.	0.0017	0.0019	0.5457	245.0	18.6
7402.	347.3	-49.7	29.1	29.1	-73.1	4.	0.0016	0.0018	0.5414	245.0	18.6
7468.	343.8	-50.2	29.3	29.3	-73.5	4.	0.0015	0.0017	0.5372	245.0	18.8
7531.	340.5	-50.7	29.5	29.5	-73.9	4.	0.0014	0.0016	0.5332	245.0	16.8
7596.	337.1	-51.2	29.6	29.6	-74.3	4.	0.0014	0.0015	0.5291	245.0	18.8
7656.	334.0	-51.6	29.9	29.9	-74.6	4.	0.0013	0.0014	0.5252	245.0	19.8
7716.	330.9	-52.1	30.0	30.0	-75.0	4.	0.0012	0.0013	0.5215	245.0	18.8
7779.	327.7	-52.6	30.2	30.2	-75.4	4.	0.0011	0.0012	0.5176	245.0	18.8
7844.	324.4	-53.1	30.4	30.4	-75.8	4.	0.0011	0.0012	0.5136	245.0	18.8
7910.	321.1	-53.4	30.8	30.8	-76.1	4.	0.0010	0.0011	0.5090	246.0	18.8
7976.	317.8	-53.9	31.0	31.0	-76.5	4.	0.0010	0.0011	0.5049	246.0	18.8
8039.	314.7	-54.3	31.3	31.3	-76.8	4.	0.0009	0.0010	0.5009	246.0	18.8
8106.	311.4	-54.6	31.4	31.4	-77.0	4.	0.0009	0.0010	0.4964	247.0	18.8
8174.	308.1	-54.9	32.3	32.3	-77.3	4.	0.0008	0.0009	0.4918	247.0	19.0
8241.	304.9	-55.3	32.7	32.7	-77.6	4.	0.0008	0.0009	0.4876	248.0	19.0
8308.	301.7	-55.6	32.9	32.9	-78.0	4.	0.0008	0.0008	0.4836	248.0	19.2
8375.	298.5	-56.0	33.3	33.3	-78.3	4.	0.0007	0.0008	0.4793	249.0	19.2
8442.	295.4	-56.5	33.8	33.8	-78.5	4.	0.0007	0.0008	0.4750	249.0	19.4
8508.	292.3	-56.7	34.4	34.4	-78.7	4.	0.0007	0.0007	0.4704	249.0	19.6
8576.	289.2	-56.8	35.2	35.2	-78.8	4.	0.0007	0.0007	0.4657	250.0	19.7
8646.	286.0	-56.9	36.0	36.0	-78.9	4.	0.0007	0.0007	0.4607	251.0	19.8
8717.	282.8	-57.1	36.8	36.8	-79.0	4.	0.0006	0.0007	0.4560	251.0	20.0
8787.	279.7	-57.4	37.3	37.3	-79.3	4.	0.0006	0.0007	0.4516	251.0	20.3
8855.	276.7	-57.8	37.7	37.7	-79.6	4.	0.0006	0.0007	0.4476	251.0	20.4
8921.	273.8	-58.1	38.2	38.2	-79.8	4.	0.0006	0.0006	0.4435	251.0	20.7
8986.	271.0	-58.4	38.7	38.7	-80.1	4.	0.0005	0.0006	0.4396	251.0	20.8
9051.	268.2	-58.7	39.1	39.1	-80.3	4.	0.0005	0.0006	0.4357	251.0	21.0
9119.	265.3	-58.9	39.6	39.6	-80.5	4.	0.0005	0.0006	0.4314	252.0	21.3
9188.	262.4	-59.2	40.4	40.4	-80.7	4.	0.0005	0.0005	0.4272	252.0	21.4
9259.	259.6	-59.4	41.0	41.0	-80.9	4.	0.0005	0.0005	0.4231	253.0	21.6
9323.	256.8	-59.6	41.7	41.7	-81.1	4.	0.0005	0.0005	0.4189	253.0	21.7
9391.	254.0	-59.8	42.4	42.4	-81.2	4.	0.0004	0.0005	0.4147	253.0	21.9
9460.	251.2	-60.2	42.8	42.8	-81.5	4.	0.0004	0.0005	0.4109	253.0	21.9
9535.	248.2	-60.5	43.5	43.5	-81.6	4.	0.0004	0.0005	0.4066	254.0	22.1
9605.	245.4	-60.7	44.2	44.2	-81.9	4.	0.0004	0.0004	0.4024	254.0	22.2
9674.	242.7	-60.9	44.9	44.9	-82.1	4.	0.0004	0.0004	0.3983	254.0	22.3
9743.	240.0	-61.0	45.8	45.8	-82.2	4.	0.0004	0.0004	0.3941	255.0	22.4
9811.	237.4	-61.2	46.5	46.5	-82.3	4.	0.0004	0.0004	0.3902	255.0	22.4
9874.	235.0	-61.5	46.9	46.9	-82.6	4.	0.0004	0.0004	0.3868	256.0	22.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*SHUM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9935.	232.7	-61.9	47.2	47.2	-82.9	4.	0.0003	0.0004	0.3837	256.0	22.6
9993.	230.5	-62.2	47.6	47.6	-83.2	4.	0.0003	0.0004	0.3806	257.0	22.8
10052.	228.3	-62.2	48.5	48.5	-83.2	4.	0.0003	0.0004	0.3770	257.0	23.1
10109.	226.2	-62.1	49.5	49.5	-83.1	4.	0.0003	0.0004	0.3734	258.0	23.2
10164.	224.2	-62.0	50.5	50.5	-83.0	4.	0.0003	0.0004	0.3699	258.0	23.5
10222.	222.1	-62.0	51.4	51.4	-83.0	4.	0.0003	0.0004	0.3664	258.0	23.8
10281.	220.0	-61.9	52.4	52.4	-82.9	4.	0.0003	0.0004	0.3628	259.0	24.1
10340.	217.9	-61.7	53.6	53.6	-82.8	4.	0.0003	0.0004	0.3590	259.0	24.4
10400.	215.8	-61.5	54.8	54.8	-82.6	4.	0.0004	0.0004	0.3552	260.0	24.8
10455.	213.9	-61.3	56.0	56.0	-82.4	4.	0.0004	0.0004	0.3517	260.0	25.3
10510.	212.0	-61.2	56.9	56.9	-82.3	4.	0.0004	0.0004	0.3484	260.0	25.6
10566.	210.1	-61.3	57.6	57.6	-82.4	4.	0.0004	0.0004	0.3455	260.0	26.0
10619.	208.3	-61.4	58.3	58.3	-82.5	4.	0.0004	0.0004	0.3427	261.0	26.3
10672.	206.6	-61.5	58.9	58.9	-82.6	4.	0.0004	0.0004	0.3400	261.0	26.7
10721.	204.9	-61.5	59.7	59.7	-82.6	4.	0.0004	0.0004	0.3373	261.0	27.1
10772.	203.2	-61.5	60.5	60.5	-82.6	4.	0.0004	0.0004	0.3345	261.0	27.4
10824.	201.5	-61.5	61.3	61.3	-82.6	4.	0.0004	0.0004	0.3317	262.0	27.7
10877.	199.6	-61.3	62.4	62.4	-82.4	4.	0.0004	0.0004	0.3285	262.0	28.2
10930.	198.1	-61.2	63.4	63.4	-82.3	4.	0.0004	0.0004	0.3256	262.0	28.3
10986.	196.3	-61.1	64.4	64.4	-82.3	4.	0.0004	0.0004	0.3225	262.0	28.5
11037.	194.7	-61.1	65.2	65.2	-82.3	4.	0.0004	0.0004	0.3199	262.0	28.7
11089.	193.2	-61.1	66.0	66.0	-82.3	4.	0.0004	0.0004	0.3174	262.0	28.8
11137.	191.6	-61.2	66.6	66.6	-82.3	4.	0.0004	0.0004	0.3149	263.0	29.0
11189.	190.0	-61.2	67.4	67.4	-82.3	4.	0.0004	0.0004	0.3123	263.0	29.1
11241.	188.4	-61.3	68.1	68.1	-82.4	4.	0.0004	0.0004	0.3098	263.0	29.2
11290.	186.9	-61.4	68.7	68.7	-82.5	4.	0.0004	0.0004	0.3075	263.0	29.2
11340.	185.4	-61.4	69.5	69.5	-82.5	4.	0.0004	0.0004	0.3050	264.0	29.3
11394.	183.8	-61.4	70.4	70.4	-82.5	4.	0.0004	0.0004	0.3024	264.0	29.3
11445.	182.3	-61.2	71.5	71.5	-82.3	4.	0.0004	0.0004	0.2996	264.0	29.3
11496.	180.8	-61.0	72.6	72.6	-82.2	4.	0.0004	0.0004	0.2969	264.0	29.4
11548.	179.3	-60.9	73.6	73.6	-82.1	4.	0.0004	0.0004	0.2943	264.0	29.4
11603.	177.7	-61.0	74.3	74.3	-82.2	4.	0.0004	0.0004	0.2918	264.0	29.5
11656.	176.2	-61.2	74.9	74.9	-82.3	4.	0.0004	0.0004	0.2896	264.0	29.6
11705.	174.8	-61.4	75.5	75.5	-82.5	4.	0.0004	0.0004	0.2876	264.0	29.7
11751.	173.5	-61.3	76.2	76.2	-82.4	4.	0.0004	0.0004	0.2853	264.0	29.8
11796.	172.2	-61.1	77.3	77.3	-82.3	4.	0.0004	0.0004	0.2829	264.0	30.0
11845.	170.9	-61.0	78.2	78.2	-82.2	4.	0.0004	0.0004	0.2806	264.0	30.2
11889.	169.7	-61.1	78.8	78.8	-82.3	4.	0.0004	0.0004	0.2788	264.0	30.4
11933.	168.5	-61.2	79.3	79.3	-82.3	4.	0.0004	0.0004	0.2769	265.0	30.6
11981.	167.2	-61.3	79.9	79.9	-82.4	4.	0.0004	0.0004	0.2749	265.0	30.9
12029.	165.9	-61.2	80.5	80.5	-82.3	4.	0.0004	0.0004	0.2727	265.0	31.0
12074.	164.7	-61.1	81.0	81.0	-82.3	4.	0.0004	0.0004	0.2706	265.0	31.3
12119.	163.5	-61.0	82.7	82.7	-82.2	4.	0.0004	0.0004	0.2685	266.0	31.5
12165.	162.3	-60.9	83.6	83.6	-82.1	4.	0.0004	0.0004	0.2664	265.0	31.6
12211.	161.1	-60.7	84.7	84.7	-81.9	4.	0.0004	0.0004	0.2642	265.0	31.8
12254.	160.0	-60.6	85.6	85.6	-81.9	4.	0.0004	0.0005	0.2622	265.0	32.0
12304.	158.7	-60.6	86.4	86.4	-81.9	4.	0.0004	0.0005	0.2601	266.0	32.3
12355.	157.4	-60.6	87.3	87.3	-81.9	4.	0.0004	0.0005	0.2580	266.0	32.5
12407.	156.1	-60.5	88.3	88.3	-81.8	4.	0.0004	0.0005	0.2557	267.0	32.8
12455.	154.9	-60.6	88.9	88.9	-81.9	4.	0.0004	0.0005	0.2539	268.0	33.1
12507.	153.6	-60.8	89.5	89.5	-82.0	4.	0.0004	0.0004	0.2520	269.0	33.2
12564.	152.2	-60.9	90.2	90.2	-82.1	4.	0.0004	0.0004	0.2498	269.0	33.5
12620.	150.8	-61.0	91.0	91.0	-82.2	4.	0.0004	0.0004	0.2473	268.0	33.7
12682.	149.1	-61.0	91.6	91.6	-82.3	4.	0.0004	0.0004	0.2451	268.0	33.9
12750.	147.7	-61.2	92.5	92.5	-82.6	4.	0.0004	0.0004	0.2431	269.0	34.1
12813.	146.2	-61.7	93.0	93.0	-82.8	4.	0.0004	0.0004	0.2409	269.0	34.4
12868.	144.9	-61.8	93.8	93.8	-82.9	4.	0.0004	0.0004	0.2388	270.0	34.6
12924.	143.6	-61.9	94.6	94.6	-82.9	4.	0.0003	0.0004	0.2368	270.0	34.9
12980.	142.3	-62.0	95.4	95.4	-83.0	4.	0.0003	0.0004	0.2348	270.0	35.1
13037.	141.0	-62.0	96.3	96.3	-83.0	4.	0.0003	0.0004	0.2326	270.0	35.4
13094.	139.7	-62.0	97.2	97.2	-83.0	4.	0.0003	0.0004	0.2305	270.0	35.7
13152.	138.4	-62.0	98.1	98.1	-83.0	4.	0.0003	0.0004	0.2283	270.0	36.0
13208.	137.2	-61.9	99.4	99.4	-82.9	4.	0.0003	0.0004	0.2262	270.0	36.3
13259.	136.1	-62.0	100.1	100.1	-83.0	4.	0.0003	0.0004	0.2245	270.0	36.6
13301.	135.1	-61.7	101.4	101.4	-82.8	4.	0.0003	0.0004	0.2226	270.0	37.0
13347.	134.1	-61.7	102.9	102.9	-82.8	4.	0.0004	0.0004	0.2205	270.0	37.3
13393.	133.1	-61.5	104.2	104.2	-82.6	4.	0.0004	0.0004	0.2186	270.0	37.6
13440.	132.1	-60.6	105.8	105.8	-81.9	4.	0.0004	0.0005	0.2165	270.0	37.9
13487.	131.1	-60.2	107.3	107.3	-81.5	4.	0.0004	0.0005	0.2145	270.0	38.2
13535.	130.1	-60.1	108.5	108.5	-81.5	4.	0.0004	0.0005	0.2127	270.0	38.4
13583.	129.1	-59.9	109.5	109.5	-81.3	4.	0.0004	0.0005	0.2109	269.0	38.7
13630.	128.1	-59.8	110.6	110.6	-81.2	4.	0.0004	0.0005	0.2090	270.0	38.9
13680.	127.1	-59.8	111.6	111.6	-81.3	4.	0.0004	0.0005	0.2076	269.0	39.1
13730.	126.1	-59.8	112.1	112.1	-81.3	4.	0.0004	0.0005	0.2060	269.0	39.3
13774.	125.2	-59.7	112.7	112.7	-81.2	4.	0.0004	0.0005	0.2045	269.0	39.4
13819.	124.3	-59.8	113.7	113.7	-81.3	4.	0.0004	0.0005	0.2031	269.0	39.7
13865.	123.4	-59.9	114.5	114.5	-81.4	4.	0.0004	0.0005	0.2016	269.0	39.9
13910.	122.5	-60.0	115.1	115.1	-81.4	4.	0.0004	0.0005	0.2002	269.0	40.1
13956.	121.6	-60.1	115.8	115.8	-81.5	4.	0.0004	0.0005	0.1988	270.0	40.3
14002.	120.7	-60.1	116.6	116.6	-81.5	4.	0.0004	0.0005	0.1974	270.0	40.5
14044.	119.9	-60.2	117.1	117.1	-81.6	4.	0.0004	0.0005	0.1961	270.0	40.7
14091.	119.0	-60.2	118.0	118.0	-81.6	4.	0.0004	0.0005	0.1947	270.0	41.0
14128.	118.1	-60.2	118.6	118.6	-81.5	4.	0.0004	0.0005	0.1932	270.0	41.3
14186.	117.2	-60.3	119.7	119.7	-81.6	4.	0.0004	0.0005	0.1917	269.0	41.6
14234.	116.3	-60.4	120.6	120.6	-81.8	4.	0.0004	0.0005	0.1903	269.0	41.9
14282.	115.4	-60.5	121.2	121.2	-81.8	4.	0.0004	0.0005	0.1889	269.0	42.3
14330.	114.4	-60.5	121.9	121.9	-81.9	4.	0.0004	0.0005	0.1874	269.0	42.6
14385.	113.5	-60.6	122.8	122.8	-81.9	4.	0.0004	0.0005	0.1860	269.0	43.0
14440.	112.6	-60.7	123.4	123.4	-81.9	4.	0.0004	0.0005	0.1845	269.0	43.3
14484.	111.7	-60.8	124.1	124.1	-82.0	4.	0.0004	0.0004	0.1832	269.0	43.6
14528.	110.9	-60.9	124.8	124.8	-82.1	4.	0.0004	0.0004	0.1820	269.0	43.9
14580.	110.0	-61.0	125.7	125.7	-82.2	4.	0.0004	0.0004	0.1807	269.0	44.2
14633.	109.1	-61.0	126.4	126.4	-82.2	4.	0.0004	0.0004	0.1794	269.0	44.4
14683.	108.2	-61.1	127.0	127.0	-82.3	4.	0.0004	0.0004	0.1780	269.0	44.8
14728.	107.4	-61.2	127.7	127.7	-82.4	4.	0.0004	0.0004	0.1767	269.0	44.9
14778.	106.5	-61.4	128.4	128.4	-82.6	4.	0.0004	0.0004	0.1752	269.0	45.1
14828.	105.7	-61.5	129.0	129.0	-82.7	4.	0.0004	0.0004	0.1737	269.0	45.1
14874.	104.9	-61.6	129.6	129.6	-82.8	4.	0.0004	0.0004	0.1724	269.0	45.2
14921.	104.1	-61.7	130.2	130.2	-82.9	4.	0.0004	0.0004	0.1709	269.0	45.2
14980.	103.2	-61.8	130.9	130.9	-83.0	4.	0.0004	0.0004	0.1696	269.0	45.1
15011.	102.8	-61.9	131.5	131.5	-83.1	4.	0.0004	0.0004	0.1684	269.0	45.1
15060.	101.8	-62.0	132.1	132.1	-83.2	4.	0.0004	0.0004	0.1669	269.0	45.0
15111.	101.0	-62.1	132.6	132.6	-83.3	4.	0.0004	0.0005	0.1655	269.0	44.9
15144.	100.1	-62.2	133.2	133.2	-83.4	4.	0.0004	0.0005	0.1642	269.0	44.8
15214.	98.3	-62.4	134.3	134.3	-83.7	4.	0.0004	0.0005	0.1626	269.0	44.7
15264.	97.5	-62.5	134.9	134.9	-83.8	4.	0.0004	0.0005	0.1612	269.0	44.7
15315.	96.7	-62.7	135.5	135.5	-84.0	4.	0.0004	0.0005	0.1599	269.0	44.7
15366.	95.9	-62.8	136.1	136.1	-84.1	4.	0.0004	0.0005	0.1585	269.0	44.6
15416.	95.1	-62.9	136.7	136.7	-84.2	4.	0.0004	0.0005	0.1571	269.0	44.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
15464.	95.4	-60.0	143.9	143.9	-81.4	4.	0.0004	0.0005	0.1559	265.0	44.7
15509.	94.7	-59.9	144.9	144.9	-81.3	4.	0.0004	0.0005	0.1547	265.0	44.4
15562.	93.9	-59.8	146.1	146.1	-81.2	4.	0.0004	0.0005	0.1533	265.0	44.0
15609.	93.2	-59.7	147.2	147.2	-81.1	4.	0.0005	0.0005	0.1521	265.0	43.8
15656.	92.5	-59.7	148.1	148.1	-81.1	4.	0.0005	0.0005	0.1510	265.0	43.5
15710.	91.7	-59.7	149.2	149.2	-81.1	4.	0.0005	0.0005	0.1497	266.0	43.5
15758.	91.0	-59.7	150.1	150.1	-81.1	4.	0.0005	0.0005	0.1485	266.0	43.7
15806.	90.3	-59.7	151.1	151.1	-81.1	4.	0.0005	0.0005	0.1474	266.0	43.9
15862.	89.5	-59.6	152.3	152.3	-81.1	4.	0.0005	0.0005	0.1460	265.0	43.3
15911.	88.8	-59.6	153.3	153.3	-81.1	4.	0.0005	0.0005	0.1449	266.0	43.8
15960.	88.1	-59.5	154.5	154.5	-81.2	4.	0.0005	0.0005	0.1436	266.0	44.0
16017.	87.3	-59.5	156.0	156.0	-80.8	4.	0.0005	0.0005	0.1422	266.0	43.2
16068.	86.6	-59.5	157.2	157.2	-80.7	4.	0.0005	0.0005	0.1410	266.0	43.5
16126.	85.8	-59.5	158.3	158.3	-80.7	4.	0.0005	0.0005	0.1397	266.0	43.9
16177.	85.1	-59.4	159.5	159.5	-80.6	4.	0.0005	0.0005	0.1385	266.0	44.1
16229.	84.4	-59.4	160.7	160.7	-80.6	4.	0.0005	0.0006	0.1373	267.0	44.3
16281.	83.7	-58.4	162.0	162.0	-80.5	4.	0.0005	0.0006	0.1361	268.0	48.6
16333.	83.0	-58.4	163.2	163.2	-80.5	4.	0.0005	0.0006	0.1350	268.0	48.9
16386.	82.3	-59.1	163.7	163.7	-80.6	4.	0.0005	0.0005	0.1339	269.0	49.1
16440.	81.6	-59.1	164.5	164.5	-80.7	4.	0.0005	0.0005	0.1329	269.0	49.1
16494.	80.9	-59.2	165.4	165.4	-80.8	4.	0.0005	0.0005	0.1318	270.0	49.5
16548.	80.2	-59.1	166.4	166.4	-80.6	4.	0.0005	0.0005	0.1305	270.0	49.7
16595.	79.6	-58.9	166.3	166.3	-80.5	4.	0.0005	0.0006	0.1294	270.0	48.8
16650.	78.9	-58.8	170.0	170.0	-80.2	4.	0.0005	0.0006	0.1281	270.0	48.8
16706.	78.2	-58.4	171.5	171.5	-80.1	4.	0.0005	0.0006	0.1269	271.0	50.0
16755.	77.6	-58.3	172.7	172.7	-80.0	4.	0.0005	0.0006	0.1258	271.0	50.1
16812.	76.9	-58.1	174.3	174.3	-79.8	4.	0.0006	0.0006	0.1246	272.0	50.1
16861.	76.3	-57.8	175.9	175.9	-79.6	4.	0.0006	0.0007	0.1234	272.0	50.2
16919.	75.6	-57.5	177.7	177.7	-79.4	4.	0.0006	0.0007	0.1221	273.0	50.4
16969.	75.0	-57.2	179.4	179.4	-79.1	4.	0.0006	0.0007	0.1210	273.0	50.6
17022.	74.4	-57.0	180.9	180.9	-79.0	4.	0.0007	0.0007	0.1199	273.0	50.5
17062.	73.9	-56.9	181.9	181.9	-78.9	4.	0.0007	0.0007	0.1190	274.0	50.6
17114.	73.3	-56.8	183.2	183.2	-78.8	4.	0.0007	0.0007	0.1180	274.0	50.6
17166.	72.7	-56.7	184.5	184.5	-78.7	4.	0.0007	0.0007	0.1170	274.0	50.7
17218.	72.1	-56.7	185.6	185.6	-78.7	4.	0.0007	0.0007	0.1160	274.0	50.8
17271.	71.5	-56.6	186.9	186.9	-78.6	4.	0.0007	0.0008	0.1150	274.0	51.0
17316.	71.0	-56.5	188.0	188.0	-78.5	4.	0.0007	0.0008	0.1142	274.0	51.2
17370.	70.4	-56.4	189.4	189.4	-78.5	4.	0.0007	0.0008	0.1131	274.0	51.4
17424.	69.8	-56.4	190.5	190.5	-78.5	4.	0.0007	0.0008	0.1122	274.0	51.7
17476.	69.2	-56.5	191.4	191.4	-78.5	4.	0.0007	0.0008	0.1113	274.0	52.0
17534.	68.6	-56.6	192.4	192.4	-78.6	4.	0.0007	0.0008	0.1104	274.0	52.2
17580.	68.1	-56.7	193.1	193.1	-78.7	4.	0.0007	0.0007	0.1096	274.0	52.5
17630.	67.5	-56.8	194.1	194.1	-78.8	4.	0.0007	0.0007	0.1087	274.0	52.7
17683.	67.0	-56.9	194.9	194.9	-78.9	4.	0.0007	0.0007	0.1079	274.0	52.9
17740.	66.4	-57.0	195.8	195.8	-79.0	4.	0.0006	0.0007	0.1070	274.0	53.1
17787.	65.9	-57.1	196.6	196.6	-79.0	4.	0.0006	0.0007	0.1063	273.0	52.9
17836.	65.4	-57.1	197.7	197.7	-79.1	4.	0.0006	0.0007	0.1055	273.0	52.7
17884.	64.8	-57.1	198.4	198.4	-79.0	4.	0.0006	0.0007	0.1045	272.0	52.7
17943.	64.3	-57.2	199.7	199.7	-79.1	4.	0.0006	0.0007	0.1037	271.0	52.5
18002.	63.7	-57.3	201.0	201.0	-79.1	4.	0.0006	0.0007	0.1028	271.0	52.3
18058.	63.2	-57.3	201.8	201.8	-79.0	4.	0.0006	0.0007	0.1020	271.0	52.1
18108.	62.7	-57.4	202.7	202.7	-79.1	4.	0.0006	0.0007	0.1012	271.0	51.9
18162.	62.1	-57.6	203.6	203.6	-79.4	4.	0.0006	0.0007	0.1004	271.0	51.6
18213.	61.6	-57.7	204.5	204.5	-79.5	4.	0.0006	0.0007	0.0996	271.0	51.1
18265.	61.1	-57.8	205.3	205.3	-79.6	4.	0.0006	0.0007	0.0988	272.0	50.7

SOUNDING 41.0
LATITUDE -62.3 LONGITUDE 1.7
DATE 11- 4-81 TIME 1137 GMT
NUMBER OF LEVELS 226

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6.	965.4	-5.5	-2.[illegible]	-2.5	-7.[illegible]	-[illegible]	5.4 1E	2.7642	1.2099	260.0	10.0
62.	956.3	-6.4	-3.1	-2.[illegible]	-12.4	59.	[illegible].1105	1.7536	1.2032	260.0	[illegible].[illegible]
124.	950.7	-7.[illegible]	-3.4	-3.2	-12.5	63.	[illegible].0944	1.7329	1.2475	267.0	9.[illegible]
185.	945.[illegible]	-8.[illegible]	-3.5	-2.3	-12.7	[illegible].	[illegible].0843	1.7089	1.2419	280.0	[illegible].[illegible]
243.	939.2	-8.7	-3.7	-3.9	-12.7	74.	[illegible].0791	1.7047	1.2350	280.0	[illegible].[illegible]
302.	933.1	-8.[illegible]	-3.5	-2.4	-12.4	74.	[illegible].0758	1.7236	1.2274	280.0	7.7
361.	927.0	-8.[illegible]	-3.[illegible]	-2.4	-12.4	74.	[illegible].0784	1.7442	1.2214	277.0	7.[illegible]
421.	920.7	-8.[illegible]	-3.[illegible]	-[illegible].[illegible]	-12.[illegible]	74.	[illegible].1745	1.7725	1.2143	275.0	[illegible].7
482.	914.6	-10.[illegible]	-3.4	-3.[illegible]	-12.7	74.	[illegible].1317	1.8344	1.2065	271.0	[illegible].[illegible]
541.	908.6	-11.[illegible]	-3.4	-3.1	-12.2	74.	1.0518	1.8271	1.1998	271.0	[illegible].[illegible]
600.	902.[illegible]	-11.[illegible]	-3.[illegible]	-[illegible].[illegible]	-12.7	74.	1.0[illegible]	1.8585	1.1919	270.0	[illegible].5
670.	895.[illegible]	-12.[illegible]	-3.[illegible]	-[illegible].[illegible]	-[illegible].[illegible]	[illegible].	1.0[illegible]13	1.5227	1.1838	269.0	[illegible].[illegible]
750.	887.[illegible]	-12.[illegible]	-[illegible].7	-[illegible].[illegible]	-14.[illegible]	[illegible].	1.[illegible]720	1.4857	1.1757	267.0	[illegible].[illegible]
744.	871.3	-12.[illegible]	-[illegible].[illegible]	-[illegible].[illegible]	-14.7	96.	1.[illegible]744	1.4339	1.1677	267.0	4.7
855.	864.3	-13.[illegible]	-2.[illegible]	-2.1	-1[illegible].[illegible]	[illegible].	1.[illegible]6[illegible]	1.3527	1.1601	267.0	4.7
915.	857.[illegible]	-13.[illegible]	-1.[illegible]	-1.4	-1[illegible].[illegible]	[illegible].	1.[illegible]5[illegible]	1.3170	1.1506	268.0	4.7
975.	85[illegible].7	-13.[illegible]	-[illegible].7	-[illegible].[illegible]	-15.[illegible]	77.	1.[illegible]544	1.2921	1.1404	269.0	4.6
1037.	843.[illegible]	-12.7	[illegible].[illegible]	[illegible].4	-1[illegible].6	77.	1.[illegible]576	1.3262	1.1301	269.0	4.6
1099.	837.1	-12.[illegible]	1.[illegible]	1.[illegible]	-14.7	[illegible].	1.[illegible]544	1.4242	1.1194	269.0	4.[illegible]
1158.	83[illegible].6	-12.1	[illegible].1	[illegible].[illegible]	-14.[illegible]	[illegible].	1.[illegible]5[illegible]	1.5143	1.1089	270.0	4.[illegible]
1220.	824.9	-12.[illegible]	[illegible].7	[illegible].1	-1[illegible].[illegible]	78.	1.[illegible]577	1.3914	1.1004	270.0	4.6
1281.	818.4	-11.[illegible]	[illegible].7	[illegible].[illegible]	-16.[illegible]	68.	1.[illegible]511	1.2725	1.0908	270.0	4.7
1341.	811.[illegible]	-11.[illegible]	4.[illegible]	4.[illegible]	-1[illegible].[illegible]	[illegible].	1.[illegible]5[illegible]	1.1747	1.0809	270.0	4.[illegible]
1397.	804.9	-11.[illegible]	[illegible].1	[illegible].[illegible]	-1[illegible].1	[illegible].	1.[illegible]4[illegible]	1.2564	1.0731	270.0	4.[illegible]
1455.	798.[illegible]	-11.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-17.[illegible]	[illegible].	1.[illegible]3[illegible]	1.2740	1.0663	270.0	[illegible].1
1505.	794.[illegible]	-11.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-1[illegible].1	[illegible].	1.[illegible]4[illegible]	1.2554	1.0604	271.0	[illegible].[illegible]
1564.	787.7	-12.7	[illegible].7	[illegible].[illegible]	-1[illegible].[illegible]	[illegible].	1.[illegible]3[illegible]	1.2934	1.0546	271.0	[illegible].[illegible]
1621.	781.[illegible]	-13.[illegible]	[illegible].[illegible]	[illegible].1	-1[illegible].[illegible]	[illegible].	1.[illegible]2[illegible]	0.9193	1.0478	271.0	[illegible].7
1680.	775.7	-13.[illegible]	6.[illegible]	6.[illegible]	-[illegible].[illegible]	92.	[illegible].[illegible]4[illegible]	0.4488	1.0416	269.0	[illegible].[illegible]
1742.	769.4	-14.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-21.[illegible]	[illegible].	0.[illegible]2[illegible]	0.7524	1.0355	267.0	[illegible].[illegible]
1794.	764.2	-14.4	6.[illegible]	[illegible].[illegible]	-[illegible].[illegible]	92.	[illegible].[illegible]7[illegible]	0.6396	1.0295	267.0	[illegible].4
1848.	758.7	-14.7	6.[illegible]	6.[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]7[illegible]	0.5241	1.0231	267.0	[illegible].7
1906.	753.[illegible]	-15.[illegible]	6.[illegible]	6.[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4944	1.0165	267.0	[illegible].[illegible]
1964.	747.2	-15.[illegible]	7.1	7.[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4814	1.0100	267.0	[illegible].[illegible]
2014.	741.8	-15.[illegible]	[illegible].1	[illegible].[illegible]	-2[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4944	1.0115	267.0	[illegible].[illegible]
2071.	736.6	-16.7	[illegible].[illegible]	[illegible].[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]7[illegible]	0.5787	0.9934	267.0	[illegible].[illegible]
2126.	731.3	-16.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]7[illegible]	0.5217	0.9851	267.0	[illegible].[illegible]
2182.	726.[illegible]	-16.[illegible]	1[illegible].[illegible]	1[illegible].[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]5[illegible]	0.5125	0.9786	267.0	[illegible].[illegible]
2244.	720.[illegible]	-16.[illegible]	1[illegible].[illegible]	1[illegible].1	-[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4931	0.9717	267.0	[illegible].[illegible]
2306.	714.1	-17.[illegible]	1[illegible].[illegible]	1[illegible].[illegible]	-[illegible].4	[illegible].	[illegible].[illegible]4[illegible]	0.4861	0.9648	267.0	[illegible].7
2366.	708.2	-17.[illegible]	1[illegible].[illegible]	1[illegible].[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4732	0.9582	267.0	[illegible].[illegible]
2430.	702.4	-18.7	1[illegible].[illegible]	1[illegible].7	-[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4644	0.9509	266.0	[illegible].7
2493.	696.[illegible]	-19.[illegible]	1[illegible].[illegible]	1[illegible].[illegible]	-[illegible].[illegible]	[illegible].	[illegible].[illegible]4[illegible]	0.4607	0.9434	266.0	[illegible].[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+2.5RHOW (G/KG+3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2502.	991.1	-15.0	12.0	10.0	-20.6	24.	2.5220	0.4607	0.9360	255.0	7.5
2611.	981.7	-16.1	12.0	10.0	-21.6	24.	2.4885	0.4485	0.9297	255.0	7.5
2672.	976.4	-16.7	12.0	10.0	-22.2	24.	2.4691	0.4367	0.9236	255.0	7.4
2734.	971.1	-16.7	12.0	10.0	-22.7	24.	2.4514	0.4251	0.9175	256.0	7.3
2795.	965.7	-17.1	12.0	10.0	-23.1	24.	2.4337	0.4139	0.9115	256.0	7.2
2848.	961.4	-17.4	12.0	10.0	-23.4	24.	2.4191	0.4054	0.9054	257.0	7.2
2900.	956.6	-17.7	12.0	10.0	-23.7	24.	2.4044	0.3969	0.8993	257.0	7.2
2953.	951.4	-18.1	12.0	10.0	-24.1	24.	2.3898	0.3884	0.8932	257.0	7.2
3005.	946.6	-18.4	12.0	10.0	-24.4	24.	2.3752	0.3799	0.8871	257.0	7.2
3057.	941.4	-18.7	12.0	10.0	-24.7	24.	2.3606	0.3714	0.8810	257.0	7.2
3109.	936.6	-19.1	12.0	10.0	-25.1	24.	2.3460	0.3630	0.8749	257.0	7.2
3161.	931.4	-19.4	12.0	10.0	-25.4	24.	2.3314	0.3545	0.8688	257.0	7.2
3213.	926.6	-19.7	12.0	10.0	-25.7	24.	2.3168	0.3461	0.8627	257.0	7.2
3265.	921.4	-20.1	12.0	10.0	-26.1	24.	2.3022	0.3377	0.8566	257.0	7.2
3317.	916.6	-20.4	12.0	10.0	-26.4	24.	2.2876	0.3293	0.8505	257.0	7.2
3369.	911.4	-20.7	12.0	10.0	-26.7	24.	2.2730	0.3209	0.8444	257.0	7.2
3421.	906.6	-21.1	12.0	10.0	-27.1	24.	2.2584	0.3126	0.8383	257.0	7.2
3473.	901.4	-21.4	12.0	10.0	-27.4	24.	2.2438	0.3043	0.8322	257.0	7.2
3525.	896.6	-21.7	12.0	10.0	-27.7	24.	2.2292	0.2960	0.8261	257.0	7.2
3577.	891.4	-22.1	12.0	10.0	-28.1	24.	2.2146	0.2877	0.8200	257.0	7.2
3629.	886.6	-22.4	12.0	10.0	-28.4	24.	2.2000	0.2795	0.8139	257.0	7.2
3681.	881.4	-22.7	12.0	10.0	-28.7	24.	2.1854	0.2713	0.8078	257.0	7.2
3733.	876.6	-23.1	12.0	10.0	-29.1	24.	2.1708	0.2631	0.8017	257.0	7.2
3785.	871.4	-23.4	12.0	10.0	-29.4	24.	2.1562	0.2549	0.7956	257.0	7.2
3837.	866.6	-23.7	12.0	10.0	-29.7	24.	2.1416	0.2468	0.7895	257.0	7.2
3889.	861.4	-24.1	12.0	10.0	-30.1	24.	2.1270	0.2387	0.7834	257.0	7.2
3941.	856.6	-24.4	12.0	10.0	-30.4	24.	2.1124	0.2306	0.7773	257.0	7.2
3993.	851.4	-24.7	12.0	10.0	-30.7	24.	2.0978	0.2225	0.7712	257.0	7.2
4045.	846.6	-25.1	12.0	10.0	-31.1	24.	2.0832	0.2145	0.7651	257.0	7.2
4097.	841.4	-25.4	12.0	10.0	-31.4	24.	2.0686	0.2065	0.7590	257.0	7.2
4149.	836.6	-25.7	12.0	10.0	-31.7	24.	2.0540	0.1985	0.7529	257.0	7.2
4201.	831.4	-26.1	12.0	10.0	-32.1	24.	2.0394	0.1905	0.7468	257.0	7.2
4253.	826.6	-26.4	12.0	10.0	-32.4	24.	2.0248	0.1826	0.7407	257.0	7.2
4305.	821.4	-26.7	12.0	10.0	-32.7	24.	2.0102	0.1747	0.7346	257.0	7.2
4357.	816.6	-27.1	12.0	10.0	-33.1	24.	1.9956	0.1668	0.7285	257.0	7.2
4409.	811.4	-27.4	12.0	10.0	-33.4	24.	1.9810	0.1589	0.7224	257.0	7.2
4461.	806.6	-27.7	12.0	10.0	-33.7	24.	1.9664	0.1511	0.7163	257.0	7.2
4513.	801.4	-28.1	12.0	10.0	-34.1	24.	1.9518	0.1433	0.7102	257.0	7.2
4565.	796.6	-28.4	12.0	10.0	-34.4	24.	1.9372	0.1355	0.7041	257.0	7.2
4617.	791.4	-28.7	12.0	10.0	-34.7	24.	1.9226	0.1278	0.6980	257.0	7.2
4669.	786.6	-29.1	12.0	10.0	-35.1	24.	1.9080	0.1201	0.6919	257.0	7.2
4721.	781.4	-29.4	12.0	10.0	-35.4	24.	1.8934	0.1124	0.6858	257.0	7.2
4773.	776.6	-29.7	12.0	10.0	-35.7	24.	1.8788	0.1047	0.6797	257.0	7.2
4825.	771.4	-30.1	12.0	10.0	-36.1	24.	1.8642	0.0971	0.6736	257.0	7.2
4877.	766.6	-30.4	12.0	10.0	-36.4	24.	1.8496	0.0895	0.6675	257.0	7.2
4929.	761.4	-30.7	12.0	10.0	-36.7	24.	1.8350	0.0819	0.6614	257.0	7.2
4981.	756.6	-31.1	12.0	10.0	-37.1	24.	1.8204	0.0744	0.6553	257.0	7.2
5033.	751.4	-31.4	12.0	10.0	-37.4	24.	1.8058	0.0669	0.6492	257.0	7.2
5085.	746.6	-31.7	12.0	10.0	-37.7	24.	1.7912	0.0594	0.6431	257.0	7.2
5137.	741.4	-32.1	12.0	10.0	-38.1	24.	1.7766	0.0520	0.6370	257.0	7.2
5189.	736.6	-32.4	12.0	10.0	-38.4	24.	1.7620	0.0446	0.6309	257.0	7.2
5241.	731.4	-32.7	12.0	10.0	-38.7	24.	1.7474	0.0372	0.6248	257.0	7.2
5293.	726.6	-33.1	12.0	10.0	-39.1	24.	1.7328	0.0298	0.6187	257.0	7.2
5345.	721.4	-33.4	12.0	10.0	-39.4	24.	1.7182	0.0225	0.6126	257.0	7.2
5397.	716.6	-33.7	12.0	10.0	-39.7	24.	1.7036	0.0152	0.6065	257.0	7.2
5449.	711.4	-34.1	12.0	10.0	-40.1	24.	1.6890	0.0080	0.6004	257.0	7.2
5501.	706.6	-34.4	12.0	10.0	-40.4	24.	1.6744	0.0007	0.5943	257.0	7.2
5553.	701.4	-34.7	12.0	10.0	-40.7	24.	1.6598	0.0000	0.5882	257.0	7.2
5605.	696.6	-35.1	12.0	10.0	-41.1	24.	1.6452	0.0000	0.5821	257.0	7.2
5657.	691.4	-35.4	12.0	10.0	-41.4	24.	1.6306	0.0000	0.5760	257.0	7.2
5709.	686.6	-35.7	12.0	10.0	-41.7	24.	1.6160	0.0000	0.5699	257.0	7.2
5761.	681.4	-36.1	12.0	10.0	-42.1	24.	1.6014	0.0000	0.5638	257.0	7.2
5813.	676.6	-36.4	12.0	10.0	-42.4	24.	1.5868	0.0000	0.5577	257.0	7.2
5865.	671.4	-36.7	12.0	10.0	-42.7	24.	1.5722	0.0000	0.5516	257.0	7.2
5917.	666.6	-37.1	12.0	10.0	-43.1	24.	1.5576	0.0000	0.5455	257.0	7.2
5969.	661.4	-37.4	12.0	10.0	-43.4	24.	1.5430	0.0000	0.5394	257.0	7.2
6021.	656.6	-37.7	12.0	10.0	-43.7	24.	1.5284	0.0000	0.5333	257.0	7.2
6073.	651.4	-38.1	12.0	10.0	-44.1	24.	1.5138	0.0000	0.5272	257.0	7.2
6125.	646.6	-38.4	12.0	10.0	-44.4	24.	1.4992	0.0000	0.5211	257.0	7.2
6177.	641.4	-38.7	12.0	10.0	-44.7	24.	1.4846	0.0000	0.5150	257.0	7.2
6229.	636.6	-39.1	12.0	10.0	-45.1	24.	1.4700	0.0000	0.5089	257.0	7.2
6281.	631.4	-39.4	12.0	10.0	-45.4	24.	1.4554	0.0000	0.5028	257.0	7.2
6333.	626.6	-39.7	12.0	10.0	-45.7	24.	1.4408	0.0000	0.4967	257.0	7.2
6385.	621.4	-40.1	12.0	10.0	-46.1	24.	1.4262	0.0000	0.4906	257.0	7.2
6437.	616.6	-40.4	12.0	10.0	-46.4	24.	1.4116	0.0000	0.4845	257.0	7.2
6489.	611.4	-40.7	12.0	10.0	-46.7	24.	1.3970	0.0000	0.4784	257.0	7.2
6541.	606.6	-41.1	12.0	10.0	-47.1	24.	1.3824	0.0000	0.4723	257.0	7.2
6593.	601.4	-41.4	12.0	10.0	-47.4	24.	1.3678	0.0000	0.4662	257.0	7.2
6645.	596.6	-41.7	12.0	10.0	-47.7	24.	1.3532	0.0000	0.4601	257.0	7.2
6697.	591.4	-42.1	12.0	10.0	-48.1	24.	1.3386	0.0000	0.4540	257.0	7.2
6749.	586.6	-42.4	12.0	10.0	-48.4	24.	1.3240	0.0000	0.4479	257.0	7.2
6801.	581.4	-42.7	12.0	10.0	-48.7	24.	1.3094	0.0000	0.4418	257.0	7.2
6853.	576.6	-43.1	12.0	10.0	-49.1	24.	1.2948	0.0000	0.4357	257.0	7.2
6905.	571.4	-43.4	12.0	10.0	-49.4	24.	1.2802	0.0000	0.4296	257.0	7.2
6957.	566.6	-43.7	12.0	10.0	-49.7	24.	1.2656	0.0000	0.4235	257.0	7.2
7009.	561.4	-44.1	12.0	10.0	-50.1	24.	1.2510	0.0000	0.4174	257.0	7.2
7061.	556.6	-44.4	12.0	10.0	-50.4	24.	1.2364	0.0000	0.4113	257.0	7.2
7113.	551.4	-44.7	12.0	10.0	-50.7	24.	1.2218	0.0000	0.4052	257.0	7.2
7165.	546.6	-45.1	12.0	10.0	-51.1	24.	1.2072	0.0000	0.3991	257.0	7.2
7217.	541.4	-45.4	12.0	10.0	-51.4	24.	1.1926	0.0000	0.3930	257.0	7.2
7269.	536.6	-45.7	12.0	10.0	-51.7	24.	1.1780	0.0000	0.3869	257.0	7.2
7321.	531.4	-46.1	12.0	10.0	-52.1	24.	1.1634	0.0000	0.3808	257.0	7.2
7373.	526.6	-46.4	12.0	10.0	-52.4	24.	1.1488	0.0000	0.3747	257.0	7.2
7425.	521.4	-46.7	12.0	10.0	-52.7	24.	1.1342	0.0000	0.3686	257.0	7.2
7477.	516.6	-47.1	12.0	10.0	-53.1	24.	1.1196	0.0000	0.3625	257.0	7.2
7529.	511.4	-47.4	12.0	10.0	-53.4	24.	1.1050	0.0000	0.3564	257.0	7.2
7581.	506.6	-47.7	12.0	10.0	-53.7	24.	1.0904	0.0000	0.3503	257.0	7.2
7633.	501.4	-48.1	12.0	10.0	-54.1	24.	1.0758	0.0000	0.3442	257.0	7.2
7685.	496.6	-48.4	12.0	10.0	-54.4	24.	1.0612	0.0000	0.3381	257.0	7.2
7737.	491.4	-48.7	12.0	10.0	-54.7	24.	1.0466	0.0000	0.3320	257.0	7.2
7789.	486.6	-49.1	12.0	10.0	-55.1	24.	1.0320	0.0000	0.3259	257.0	7.2
7841.	481.4	-49.4	12.0	10.0	-55.4	24.	1.0174	0.0000	0.3198	257.0	7.2
7893.	476.6	-49.7	12.0	10.0	-55.7	24.	1.0028	0.0000	0.3137	257.0	7.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
74.	31.	-7.	-6.	-6.	-11.	74.	2.0145	2.3097	1.2758	255.0	8.5
115.	917.	-8.	-6.	-6.	-11.	74.	2.0145	2.3092	1.2754	254.0	8.7
131.	911.	-8.	-6.	-6.	-11.	74.	2.0145	2.3087	1.2750	253.0	8.6
147.	905.	-8.	-6.	-6.	-11.	74.	2.0145	2.3083	1.2747	252.0	8.7
163.	899.	-8.	-6.	-6.	-11.	74.	2.0145	2.3080	1.2744	251.0	8.7
179.	893.	-8.	-6.	-6.	-11.	74.	2.0145	2.3075	1.2739	250.0	8.6
195.	887.	-8.	-6.	-6.	-11.	74.	2.0145	2.3072	1.2737	249.0	8.5
211.	881.	-8.	-6.	-6.	-11.	74.	2.0145	2.3068	1.2734	248.0	8.4
227.	875.	-8.	-6.	-6.	-11.	74.	2.0145	2.3066	1.2732	247.0	8.3
243.	869.	-8.	-6.	-6.	-11.	74.	2.0145	2.3062	1.2729	246.0	8.1
259.	863.	-8.	-6.	-6.	-11.	74.	2.0145	2.3059	1.2727	245.0	8.0
275.	857.	-8.	-6.	-6.	-11.	74.	2.0145	2.3057	1.2725	244.0	7.8
291.	851.	-8.	-6.	-6.	-11.	74.	2.0145	2.3054	1.2723	243.0	7.7
307.	845.	-8.	-6.	-6.	-11.	74.	2.0145	2.3052	1.2721	242.0	7.6
323.	839.	-8.	-6.	-6.	-11.	74.	2.0145	2.3050	1.2719	241.0	7.5
339.	833.	-8.	-6.	-6.	-11.	74.	2.0145	2.3047	1.2717	240.0	7.4
355.	827.	-8.	-6.	-6.	-11.	74.	2.0145	2.3045	1.2715	239.0	7.3
371.	821.	-8.	-6.	-6.	-11.	74.	2.0145	2.3044	1.2714	238.0	7.2
387.	815.	-8.	-6.	-6.	-11.	74.	2.0145	2.3042	1.2712	237.0	7.1
403.	809.	-8.	-6.	-6.	-11.	74.	2.0145	2.3039	1.2710	236.0	7.0
419.	803.	-8.	-6.	-6.	-11.	74.	2.0145	2.3037	1.2708	235.0	6.9
435.	797.	-8.	-6.	-6.	-11.	74.	2.0145	2.3034	1.2706	234.0	6.8
451.	791.	-8.	-6.	-6.	-11.	74.	2.0145	2.3032	1.2704	233.0	6.7
467.	785.	-8.	-6.	-6.	-11.	74.	2.0145	2.3030	1.2702	232.0	6.6
483.	779.	-8.	-6.	-6.	-11.	74.	2.0145	2.3027	1.2700	231.0	6.5
499.	773.	-8.	-6.	-6.	-11.	74.	2.0145	2.3025	1.2698	230.0	6.4
515.	767.	-8.	-6.	-6.	-11.	74.	2.0145	2.3023	1.2696	229.0	6.3
531.	761.	-8.	-6.	-6.	-11.	74.	2.0145	2.3020	1.2694	228.0	6.2
547.	755.	-8.	-6.	-6.	-11.	74.	2.0145	2.3018	1.2692	227.0	6.1
563.	749.	-8.	-6.	-6.	-11.	74.	2.0145	2.3016	1.2690	226.0	6.0
579.	743.	-8.	-6.	-6.	-11.	74.	2.0145	2.3013	1.2688	225.0	5.9
595.	737.	-8.	-6.	-6.	-11.	74.	2.0145	2.3011	1.2686	224.0	5.8
611.	731.	-8.	-6.	-6.	-11.	74.	2.0145	2.3009	1.2684	223.0	5.7
627.	725.	-8.	-6.	-6.	-11.	74.	2.0145	2.3006	1.2682	222.0	5.6
643.	719.	-8.	-6.	-6.	-11.	74.	2.0145	2.3004	1.2680	221.0	5.5
659.	713.	-8.	-6.	-6.	-11.	74.	2.0145	2.3002	1.2678	220.0	5.4
675.	707.	-8.	-6.	-6.	-11.	74.	2.0145	2.2999	1.2676	219.0	5.3
691.	701.	-8.	-6.	-6.	-11.	74.	2.0145	2.2997	1.2674	218.0	5.2
707.	695.	-8.	-6.	-6.	-11.	74.	2.0145	2.2995	1.2672	217.0	5.1
723.	689.	-8.	-6.	-6.	-11.	74.	2.0145	2.2992	1.2670	216.0	5.0
739.	683.	-8.	-6.	-6.	-11.	74.	2.0145	2.2990	1.2668	215.0	4.9
755.	677.	-8.	-6.	-6.	-11.	74.	2.0145	2.2988	1.2666	214.0	4.8
771.	671.	-8.	-6.	-6.	-11.	74.	2.0145	2.2985	1.2664	213.0	4.7
787.	665.	-8.	-6.	-6.	-11.	74.	2.0145	2.2983	1.2662	212.0	4.6
803.	659.	-8.	-6.	-6.	-11.	74.	2.0145	2.2981	1.2660	211.0	4.5
819.	653.	-8.	-6.	-6.	-11.	74.	2.0145	2.2978	1.2658	210.0	4.4
835.	647.	-8.	-6.	-6.	-11.	74.	2.0145	2.2976	1.2656	209.0	4.3
851.	641.	-8.	-6.	-6.	-11.	74.	2.0145	2.2974	1.2654	208.0	4.2
867.	635.	-8.	-6.	-6.	-11.	74.	2.0145	2.2971	1.2652	207.0	4.1
883.	629.	-8.	-6.	-6.	-11.	74.	2.0145	2.2969	1.2650	206.0	4.0
899.	623.	-8.	-6.	-6.	-11.	74.	2.0145	2.2967	1.2648	205.0	3.9
915.	617.	-8.	-6.	-6.	-11.	74.	2.0145	2.2964	1.2646	204.0	3.8
931.	611.	-8.	-6.	-6.	-11.	74.	2.0145	2.2962	1.2644	203.0	3.7
947.	605.	-8.	-6.	-6.	-11.	74.	2.0145	2.2960	1.2642	202.0	3.6
963.	599.	-8.	-6.	-6.	-11.	74.	2.0145	2.2957	1.2640	201.0	3.5
979.	593.	-8.	-6.	-6.	-11.	74.	2.0145	2.2955	1.2638	200.0	3.4
995.	587.	-8.	-6.	-6.	-11.	74.	2.0145	2.2953	1.2636	199.0	3.3
1011.	581.	-8.	-6.	-6.	-11.	74.	2.0145	2.2950	1.2634	198.0	3.2
1027.	575.	-8.	-6.	-6.	-11.	74.	2.0145	2.2948	1.2632	197.0	3.1
1043.	569.	-8.	-6.	-6.	-11.	74.	2.0145	2.2946	1.2630	196.0	3.0
1059.	563.	-8.	-6.	-6.	-11.	74.	2.0145	2.2943	1.2628	195.0	2.9
1075.	557.	-8.	-6.	-6.	-11.	74.	2.0145	2.2941	1.2626	194.0	2.8
1091.	551.	-8.	-6.	-6.	-11.	74.	2.0145	2.2939	1.2624	193.0	2.7
1107.	545.	-8.	-6.	-6.	-11.	74.	2.0145	2.2936	1.2622	192.0	2.6
1123.	539.	-8.	-6.	-6.	-11.	74.	2.0145	2.2934	1.2620	191.0	2.5
1139.	533.	-8.	-6.	-6.	-11.	74.	2.0145	2.2932	1.2618	190.0	2.4
1155.	527.	-8.	-6.	-6.	-11.	74.	2.0145	2.2929	1.2616	189.0	2.3
1171.	521.	-8.	-6.	-6.	-11.	74.	2.0145	2.2927	1.2614	188.0	2.2
1187.	515.	-8.	-6.	-6.	-11.	74.	2.0145	2.2925	1.2612	187.0	2.1
1203.	509.	-8.	-6.	-6.	-11.	74.	2.0145	2.2922	1.2610	186.0	2.0
1219.	503.	-8.	-6.	-6.	-11.	74.	2.0145	2.2920	1.2608	185.0	1.9
1235.	497.	-8.	-6.	-6.	-11.	74.	2.0145	2.2918	1.2606	184.0	1.8
1251.	491.	-8.	-6.	-6.	-11.	74.	2.0145	2.2915	1.2604	183.0	1.7
1267.	485.	-8.	-6.	-6.	-11.	74.	2.0145	2.2913	1.2602	182.0	1.6
1283.	479.	-8.	-6.	-6.	-11.	74.	2.0145	2.2911	1.2600	181.0	1.5
1299.	473.	-8.	-6.	-6.	-11.	74.	2.0145	2.2908	1.2598	180.0	1.4
1315.	467.	-8.	-6.	-6.	-11.	74.	2.0145	2.2906	1.2596	179.0	1.3
1331.	461.	-8.	-6.	-6.	-11.	74.	2.0145	2.2904	1.2594	178.0	1.2
1347.	455.	-8.	-6.	-6.	-11.	74.	2.0145	2.2901	1.2592	177.0	1.1
1363.	449.	-8.	-6.	-6.	-11.	74.	2.0145	2.2899	1.2590	176.0	1.0
1379.	443.	-8.	-6.	-6.	-11.	74.	2.0145	2.2897	1.2588	175.0	0.9
1395.	437.	-8.	-6.	-6.	-11.	74.	2.0145	2.2894	1.2586	174.0	0.8
1411.	431.	-8.	-6.	-6.	-11.	74.	2.0145	2.2892	1.2584	173.0	0.7
1427.	425.	-8.	-6.	-6.	-11.	74.	2.0145	2.2890	1.2582	172.0	0.6
1443.	419.	-8.	-6.	-6.	-11.	74.	2.0145	2.2887	1.2580	171.0	0.5
1459.	413.	-8.	-6.	-6.	-11.	74.	2.0145	2.2885	1.2578	170.0	0.4
1475.	407.	-8.	-6.	-6.	-11.	74.	2.0145	2.2883	1.2576	169.0	0.3
1491.	401.	-8.	-6.	-6.	-11.	74.	2.0145	2.2880	1.2574	168.0	0.2
1507.	395.	-8.	-6.	-6.	-11.	74.	2.0145	2.2878	1.2572	167.0	0.1
1523.	389.	-8.	-6.	-6.	-11.	74.	2.0145	2.2876	1.2570	166.0	0.0

SOUNDING #2.0
LATITUDE -62.2 LONGITUDE 1.
DATE 11- 4-81 TIME 2334 GMT
NUMBER OF LEVELS 42

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	986.3	-7.	-6.3	-6.	-11.	76.	2.0651	2.3387	1.2736	260.0	11.0
57.	941.2	-7.	-6.3	-4.7	-11.7	72.	2.0241	1.8875	1.2647	261.0	10.9
115.	893.9	-8.	-6.4	-4.6	-11.6	75.	2.0240	1.8678	1.2570	256.0	11.4
173.	847.6	-8.	-6.4	-4.7	-11.9	74.	2.0153	1.8290	1.2498	257.0	11.7
227.	804.3	-9.	-6.4	-4.4	-12.5	75.	2.0024	1.7313	1.2432	255.0	11.8
280.	763.6	-10.	-6.4	-4.4	-13.3	73.	1.9391	1.6170	1.2366	254.0	11.9
331.	725.3	-10.	-6.4	-4.4	-14.0	71.	1.8822	1.5219	1.2303	253.0	11.7
381.	689.4	-11.	-6.5	-4.5	-14.9	69.	1.8402	1.4410	1.2243	252.0	11.7
430.	655.9	-11.	-6.5	-4.4	-15.2	68.	1.8231	1.3637	1.2171	251.0	11.4
478.	624.7	-11.	-6.5	-4.4	-15.6	68.	1.8066	1.3176	1.2114	250.0	11.0
526.	595.8	-11.	-6.5	-4.4	-15.8	70.	1.8411	1.2976	1.2058	252.0	10.8
573.	569.2	-11.	-6.5	-4.4	-15.9	72.	1.8229	1.2477	1.1991	249.0	11.5
619.	544.8	-12.	-6.5	-4.4	-15.7	75.	1.8330	1.2047	1.1917	248.0	10.3
664.	522.5	-12.	-6.5	-4.4	-15.7	78.	1.8545	1.2084	1.1864	248.0	10.1
708.	502.3	-12.	-6.5	-4.4	-15.7	80.	1.8614	1.2059	1.1805	249.0	10.0
752.	483.6	-12.	-6.5	-4.4	-15.8	80.	1.8045	1.2721	1.1747	245.0	9.4
795.	466.5	-13.	-6.5	-4.1	-16.6	78.	1.8320	1.2294	1.1682	248.0	9.1
838.	450.8	-14.	-6.5	-3.1	-17.0	77.	1.8757	1.1634	1.1619	244.0	8.6
880.	436.2	-14.	-6.5	-2.7	-17.2	78.	1.8553	1.1472	1.1557	244.0	8.3
922.	422.8	-14.	-6.5	-2.7	-17.3	79.	1.8352	1.1310	1.1497	244.0	8.0
963.	410.6	-15.	-6.5	-2.6	-17.6	80.	1.8031	1.1049	1.1444	247.0	7.7
1003.	399.6	-15.	-6.6	-2.6	-17.7	80.	1.7871	1.0919	1.1394	247.0	7.4
1044.	389.6	-15.	-6.6	-2.6	-17.9	79.	1.7670	1.0755	1.1345	246.0	7.1
1086.	380.3	-15.	-6.6	-2.6	-18.3	78.	1.7257	1.0378	1.1299	246.0	6.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1260.	827.5	-16.6	-2.3	-2.2	-18.6	83.	1.1870	1.0103	1.1246	246.0	6.4
1282.	822.8	-16.9	-2.2	-2.1	-18.9	83.	1.1541	0.9835	1.1195	248.0	6.1
1287.	817.9	-17.3	-2.2	-2.0	-19.1	84.	1.1250	0.9597	1.1146	248.0	6.0
1334.	812.8	-17.6	-2.0	-1.9	-19.3	85.	1.1067	0.9447	1.1089	250.0	5.8
1379.	807.9	-17.9	-1.9	-1.7	-19.6	85.	1.0759	0.9194	1.1035	251.0	5.7
1427.	802.7	-18.3	-1.8	-1.7	-20.1	84.	1.0237	0.8767	1.0981	252.0	5.6
1476.	797.5	-18.7	-1.7	-1.6	-20.6	83.	0.9739	0.8357	1.0927	253.0	5.6
1521.	792.6	-19.1	-1.7	-1.5	-21.2	82.	0.9262	0.7964	1.0876	255.0	5.6
1572.	787.2	-19.5	-1.6	-1.4	-21.6	82.	0.8815	0.7678	1.0819	257.0	5.6
1625.	781.6	-18.7	-0.1	-0.0	-20.6	83.	0.9738	0.8357	1.0709	257.0	5.6
1677.	776.2	-17.9	1.3	1.4	-22.5	64.	0.8099	0.7003	1.0600	261.0	5.5
1728.	770.5	-17.1	2.7	2.7	-25.6	44.	0.6003	0.5254	1.0493	262.0	5.7
1782.	765.4	-17.2	3.1	3.2	-32.0	23.	0.3158	0.2793	1.0420	262.0	5.9
1936.	749.8	-17.3	4.6	4.7	-36.6	14.	0.1875	0.1717	1.0211	261.0	6.4
2099.	733.6	-16.7	7.0	7.0	-49.4	3.	0.0425	0.0411	0.9966	261.0	7.2
2260.	718.1	-16.3	9.5	9.5	-57.5	1.	0.0151	0.0152	0.9728	261.0	7.9
2414.	703.5	-16.5	10.6	10.6	-57.9	1.	0.0144	0.0145	0.9549	262.0	8.4
2580.	688.1	-17.8	11.0	11.0	-58.8	1.	0.0128	0.0129	0.9387	266.0	8.7
2742.	673.3	-19.0	11.4	11.5	-26.7	47.	0.5357	0.4710	0.9234	269.0	8.6
2903.	658.8	-19.7	12.4	12.4	-34.6	22.	0.2345	0.2130	0.9057	271.0	8.5
3065.	644.5	-20.6	13.2	13.3	-25.0	65.	0.6555	0.5549	0.8896	274.0	8.3
3225.	630.7	-21.4	14.0	14.1	-25.5	67.	0.6062	0.5304	0.8733	277.0	8.1
3395.	616.3	-22.3	14.9	15.0	-25.5	73.	0.6051	0.5294	0.8564	280.0	8.2
3561.	602.5	-23.3	15.6	15.7	-26.3	74.	0.5560	0.4881	0.8405	283.0	8.2
3726.	589.0	-24.3	16.3	16.4	-28.1	68.	0.4628	0.4093	0.8249	286.0	8.5
3893.	575.6	-25.2	17.2	17.2	-29.6	64.	0.3982	0.3542	0.8090	288.0	8.7
4057.	562.7	-26.1	18.0	18.1	-30.9	61.	0.3467	0.3101	0.7938	291.0	9.1
4219.	550.2	-27.2	18.4	18.5	-32.4	59.	0.2970	0.2673	0.7799	293.0	9.4
4393.	537.0	-28.4	19.2	19.2	-34.3	54.	0.2425	0.2203	0.7645	293.0	9.7
4556.	524.9	-29.3	20.0	20.0	-36.8	45.	0.1845	0.1691	0.7500	294.0	10.0
4720.	512.9	-30.3	20.7	20.7	-41.3	30.	0.1108	0.1036	0.7358	293.0	10.2
4897.	500.3	-31.2	22.5	22.5	-63.3	2.	0.0069	0.0071	0.7197	292.0	10.4
5071.	488.1	-32.1	22.7	22.7	-68.9	1.	0.0031	0.0032	0.7054	291.0	10.4
5240.	476.5	-33.7	22.6	22.6	-75.1	1.	0.0026	0.0024	0.6932	291.0	10.4
5402.	465.6	-35.2	22.9	22.9	-71.2	1.	0.0022	0.0024	0.6816	291.0	10.5
5569.	454.5	-36.9	22.8	22.8	-72.4	1.	0.0018	0.0020	0.6702	292.0	11.0
5745.	443.0	-38.5	22.9	22.9	-73.6	1.	0.0015	0.0017	0.6577	293.0	11.2
5919.	431.9	-40.2	22.9	22.9	-67.5	3.	0.0038	0.0040	0.6459	295.0	12.7
6097.	420.7	-41.9	23.0	23.0	-64.0	6.	0.0062	0.0064	0.6338	297.0	13.0
6263.	410.5	-42.9	23.8	23.8	-58.2	15.	0.0139	0.0140	0.6211	296.0	16.1
6438.	399.9	-43.7	25.0	25.0	-61.8	10.	0.0084	0.0086	0.6072	298.0	16.7
6608.	389.9	-44.8	25.1	25.1	-73.8	2.	0.0015	0.0016	0.5951	301.0	17.2
6765.	380.8	-46.2	25.9	25.9	-79.1	1.	0.0006	0.0007	0.5845	304.0	17.6
6928.	371.5	-47.5	26.1	26.1	-80.2	1.	0.0005	0.0006	0.5738	306.0	18.3
7088.	362.6	-48.8	26.5	26.5	-81.1	1.	0.0005	0.0005	0.5633	308.0	18.3
7252.	353.6	-50.1	27.2	27.2	-82.8	1.	0.0004	0.0004	0.5525	309.0	18.5
7414.	344.9	-51.4	27.4	27.4	-83.0	1.	0.0004	0.0004	0.5418	309.0	18.1
7586.	336.0	-52.8	27.5	27.5	-84.0	1.	0.0003	0.0003	0.5305	310.0	17.9
7732.	328.3	-54.3	27.7	27.7	-85.1	1.	0.0002	0.0003	0.5226	311.0	17.5
7911.	319.2	-55.7	28.4	28.4	-86.1	1.	0.0002	0.0002	0.5114	306.0	17.4
8084.	310.6	-57.2	28.4	28.4	-87.2	1.	0.0002	0.0002	0.5010	303.0	16.9
8265.	301.6	-58.5	29.1	29.1	-88.2	1.	0.0001	0.0002	0.4898	302.0	16.3
8442.	293.4	-59.9	30.2	30.2	-88.9	1.	0.0001	0.0001	0.4782	297.0	16.0
8620.	284.9	-60.6	30.8	30.8	-89.9	1.	0.0001	0.0001	0.4674	294.0	16.0
8797.	277.1	-61.7	31.9	31.9	-90.6	1.	0.0001	0.0001	0.4565	292.0	16.2
8968.	269.5	-62.4	33.3	33.3	-91.1	1.	0.0001	0.0001	0.4455	291.0	16.3
9135.	262.3	-63.0	34.1	34.1	-91.5	1.	0.0001	0.0001	0.4358	288.0	16.6
9281.	256.1	-64.1	35.3	35.3	-92.4	1.	0.0001	0.0001	0.4268	286.0	17.1
9410.	250.5	-64.8	36.2	36.2	-92.9	1.	0.0001	0.0001	0.4188	283.0	17.5
9551.	245.0	-65.7	36.9	36.9	-93.6	1.	0.0000	0.0001	0.4114	282.0	18.1
9694.	239.3	-65.5	39.2	39.2	-93.4	1.	0.0001	0.0001	0.4015	281.0	19.6
9835.	233.8	-65.8	40.2	40.2	-93.6	1.	0.0000	0.0001	0.3928	279.0	19.9
9963.	228.9	-66.2	42.2	42.2	-93.9	1.	0.0000	0.0001	0.3853	276.0	19.2
10102.	223.7	-66.6	43.6	43.6	-94.2	1.	0.0000	0.0001	0.3773	274.0	19.1
10241.	218.6	-66.9	45.4	45.4	-94.2	1.	0.0000	0.0001	0.3685	271.0	19.2
10378.	213.7	-66.6	47.8	47.8	-94.2	1.	0.0000	0.0001	0.3604	272.0	19.2
10521.	208.7	-66.2	50.6	50.6	-93.9	1.	0.0000	0.0001	0.3513	272.0	19.1
10662.	203.9	-66.4	52.6	52.6	-93.9	1.	0.0000	0.0001	0.3432	269.0	18.7
10797.	199.4	-65.7	55.0	55.0	-93.6	1.	0.0000	0.0001	0.3348	269.0	18.7

SOUNDING 43.0
LATITUDE -62.2 LONGITUDE 1.:
DATE 11- 5-81 TIME 1218 GMT
NUMBER OF LEVELS 434

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	976.2	-5.4	-5.1	-2.7	-7.1	86.	3.3535	2.7315	1.2633	297.0	6.0
90.	964.0	-6.7	-5.4	-3.4	-8.4	86.	2.9677	2.4537	1.2628	294.0	6.2
133.	957.5	-8.1	-6.8	-4.8	-9.8	86.	2.6537	2.1835	1.2606	279.0	6.2
157.	953.8	-8.8	-7.4	-4.8	-10.5	86.	2.5398	2.0937	1.2541	271.0	6.8
213.	944.6	-9.0	-7.4	-4.8	-10.6	86.	2.4731	1.9954	1.2479	266.0	11.1
272.	935.8	-9.8	-8.1	-4.8	-11.5	86.	2.2845	1.8918	1.2411	261.0	12.5
329.	926.9	-10.7	-8.9	-4.8	-12.0	86.	2.1955	1.8130	1.2344	257.0	13.7
385.	918.3	-11.5	-9.6	-4.8	-12.5	86.	2.0972	1.7372	1.2277	254.0	14.8
438.	910.7	-12.2	-10.4	-4.8	-12.9	86.	2.0134	1.6766	1.2208	251.0	11.5
493.	902.2	-13.0	-11.2	-4.8	-13.3	86.	1.9455	1.6219	1.2139	249.0	11.5
543.	894.2	-13.8	-12.0	-4.8	-13.7	86.	1.8827	1.5698	1.2055	247.0	12.6
594.	886.3	-14.6	-12.8	-4.8	-14.1	86.	1.8151	1.5211	1.1981	246.0	13.2
644.	878.4	-15.4	-13.6	-4.8	-14.5	86.	1.7535	1.4804	1.1915	244.0	13.7
695.	870.5	-16.2	-14.4	-4.8	-14.9	86.	1.6887	1.4369	1.1850	243.0	14.6
745.	862.7	-16.9	-15.1	-4.8	-15.3	86.	1.6277	1.3974	1.1790	242.0	15.0
795.	854.9	-17.7	-15.9	-4.8	-15.7	86.	1.5715	1.3616	1.1733	242.0	15.4
847.	847.0	-18.5	-16.7	-4.8	-16.1	86.	1.5177	1.3295	1.1684	241.0	15.7
901.	838.8	-19.3	-17.5	-4.8	-16.5	86.	1.4670	1.3014	1.1638	241.0	15.8
955.	830.7	-20.1	-18.3	-4.8	-16.9	86.	1.4191	1.2774	1.1597	241.0	15.8
1009.	822.6	-20.9	-19.1	-4.8	-17.3	86.	1.3741	1.2573	1.1562	241.0	15.8
1063.	814.4	-21.7	-19.9	-4.8	-17.7	86.	1.3318	1.2411	1.1534	241.0	15.8
1114.	806.6	-22.5	-20.7	-4.8	-18.1	86.	1.2922	1.2287	1.1513	241.0	15.8
1170.	798.6	-23.3	-21.5	-4.8	-18.4	86.	1.2553	1.2198	1.1497	241.0	15.8
1226.	790.5	-24.1	-22.3	-4.8	-18.8	86.	1.2211	1.2144	1.1485	241.0	15.8
1282.	782.3	-24.9	-23.1	-4.8	-19.2	86.	1.1894	1.2123	1.1480	241.0	15.8
1337.	774.3	-25.7	-23.9	-4.8	-19.6	86.	1.1603	1.2135	1.1482	241.0	15.8
1391.	766.4	-26.5	-24.7	-4.8	-20.0	86.	1.1337	1.2180	1.1490	241.0	15.8
1447.	758.3	-27.3	-25.5	-4.8	-20.4	86.	1.1097	1.2259	1.1504	241.0	15.8
1499.	750.9	-28.1	-26.3	-4.8	-20.8	86.	1.0882	1.2372	1.1524	241.0	15.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1551.	791.4	-17.5	0.2	0.3	-19.1	86.	1.1302	0.9640	1.0794	221.0	8.5
1598.	786.4	-17.8	0.3	0.5	-19.4	86.	1.0987	0.9382	1.0738	219.0	8.3
1650.	781.0	-18.3	0.3	0.5	-19.9	86.	1.0680	0.8966	1.0685	218.0	8.1
1700.	775.8	-18.7	0.4	0.6	-20.3	86.	1.0390	0.8646	1.0630	215.0	8.0
1750.	770.6	-19.0	0.6	0.8	-20.6	86.	0.9836	0.8412	1.0571	214.0	8.0
1803.	765.1	-19.3	0.9	1.0	-20.9	86.	0.9529	0.8185	1.0508	212.0	7.8
1856.	759.6	-19.5	1.2	1.4	-21.1	86.	0.9349	0.8036	1.0440	211.0	7.8
1909.	754.2	-19.8	1.5	1.6	-21.4	86.	0.9084	0.7818	1.0378	210.0	7.7
1965.	748.5	-20.1	1.7	1.9	-21.7	86.	0.8826	0.7605	1.0312	209.0	7.6
2021.	742.9	-20.4	2.0	2.1	-22.0	86.	0.8575	0.7397	1.0247	208.0	7.5
2077.	737.3	-20.8	2.2	2.3	-22.4	86.	0.8251	0.7128	1.0185	207.0	7.5
2133.	731.7	-21.3	2.2	2.3	-22.8	86.	0.7861	0.6805	1.0128	207.0	7.4
2187.	726.4	-21.7	2.3	2.4	-23.2	86.	0.7561	0.6556	1.0070	206.0	7.4
2243.	720.8	-22.2	2.4	2.5	-23.7	86.	0.7202	0.6256	1.0012	205.0	7.4
2301.	715.2	-22.7	2.5	2.6	-24.2	86.	0.6854	0.5969	0.9954	205.0	7.4
2359.	709.5	-23.3	2.4	2.5	-24.8	86.	0.6465	0.5641	0.9898	205.0	7.4
2413.	704.3	-23.8	2.5	2.5	-25.3	86.	0.6153	0.5380	0.9845	205.0	7.3
2468.	699.0	-24.3	2.8	2.9	-25.5	86.	0.6033	0.5279	0.9779	204.0	7.4
2518.	694.2	-24.2	3.2	3.2	-25.7	86.	0.5914	0.5179	0.9719	205.0	7.3
2570.	689.3	-23.2	4.8	4.9	-24.7	86.	0.6528	0.5694	0.9613	206.0	7.2
2621.	684.5	-22.2	6.5	6.6	-23.7	86.	0.7200	0.6255	0.9508	206.0	7.2
2671.	679.8	-22.3	6.9	7.0	-23.8	86.	0.7130	0.6197	0.9447	205.0	7.2
2727.	674.7	-22.5	7.3	7.4	-24.0	86.	0.6992	0.6082	0.9383	205.0	7.3
2784.	669.4	-22.8	7.5	7.7	-24.3	86.	0.6789	0.5912	0.9321	205.0	7.2
2845.	663.9	-23.0	8.0	8.2	-24.5	86.	0.6657	0.5802	0.9251	205.0	7.3
2905.	658.5	-23.3	8.7	8.8	-24.5	86.	0.6657	0.5802	0.9176	204.0	7.5
2960.	653.5	-23.2	9.1	9.2	-24.7	86.	0.6527	0.5693	0.9114	204.0	7.6
3015.	648.6	-23.4	9.5	9.6	-24.9	86.	0.6400	0.5586	0.9052	203.0	7.7
3071.	643.7	-23.7	9.7	9.8	-25.2	86.	0.6213	0.5430	0.8995	203.0	7.9
3123.	639.1	-24.1	9.9	10.0	-25.6	86.	0.5972	0.5227	0.8945	203.0	8.0
3179.	634.2	-24.4	10.2	10.3	-25.9	86.	0.5796	0.5080	0.8887	204.0	8.0
3232.	629.6	-24.7	10.4	10.5	-26.2	86.	0.5626	0.4936	0.8833	202.0	8.4
3290.	624.6	-25.1	10.6	10.7	-26.6	86.	0.5406	0.4751	0.8777	201.0	8.7
3346.	619.8	-25.4	10.9	11.0	-26.9	86.	0.5246	0.4616	0.8720	200.0	9.1
3402.	615.0	-25.4	11.5	11.6	-26.9	86.	0.5246	0.4616	0.8652	199.0	9.5
3458.	610.3	-25.5	11.7	11.8	-27.3	86.	0.5039	0.4441	0.8600	197.0	10.0
3510.	605.9	-26.0	11.6	11.9	-27.7	86.	0.4840	0.4273	0.8551	195.0	10.3
3565.	601.3	-26.6	12.0	12.0	-28.1	86.	0.4648	0.4110	0.8500	194.0	10.8
3619.	596.8	-27.0	12.1	12.2	-28.5	86.	0.4464	0.3953	0.8450	191.0	11.1
3673.	592.3	-27.4	12.3	12.3	-28.9	86.	0.4286	0.3802	0.8400	190.0	11.7
3726.	588.0	-27.8	12.4	12.5	-29.3	86.	0.4114	0.3655	0.8352	188.0	12.0
3780.	583.6	-28.2	12.5	12.6	-29.7	86.	0.3949	0.3514	0.8303	189.0	12.1
3835.	579.1	-28.6	12.7	12.8	-30.1	86.	0.3790	0.3378	0.8253	189.0	11.8
3889.	574.7	-29.0	12.8	12.9	-30.5	86.	0.3637	0.3247	0.8203	189.0	11.2
3940.	570.6	-29.4	13.0	13.0	-30.8	86.	0.3490	0.3121	0.8158	190.0	10.7
3996.	566.2	-29.8	13.1	13.2	-31.2	86.	0.3348	0.2999	0.8108	190.0	10.1
4048.	562.0	-30.2	13.3	13.3	-31.6	86.	0.3212	0.2881	0.8061	191.0	9.5
4102.	557.8	-30.6	13.4	13.5	-32.0	86.	0.3080	0.2768	0.8014	192.0	8.8
4154.	553.7	-31.0	13.5	13.6	-32.4	86.	0.2954	0.2659	0.7968	194.0	7.9
4208.	549.5	-31.4	13.7	13.7	-32.8	86.	0.2832	0.2554	0.7921	196.0	7.3
4261.	545.4	-31.6	13.8	13.9	-33.0	86.	0.2715	0.2452	0.7875	199.0	6.7
4315.	541.2	-32.2	14.0	14.0	-33.6	86.	0.2603	0.2354	0.7827	202.0	5.9
4368.	537.2	-32.6	14.1	14.2	-34.0	86.	0.2495	0.2260	0.7782	208.0	5.2
4420.	533.2	-33.0	14.3	14.3	-34.4	86.	0.2391	0.2170	0.7737	231.0	3.9
4472.	529.3	-33.4	14.4	14.4	-34.8	86.	0.2290	0.2082	0.7693	264.0	4.8
4525.	525.3	-33.8	14.5	14.6	-35.2	86.	0.2194	0.1998	0.7647	267.0	4.2
4578.	521.3	-34.2	14.7	14.7	-35.6	86.	0.2102	0.1917	0.7602	213.0	3.9
4629.	517.5	-34.6	14.8	14.8	-36.0	86.	0.2013	0.1839	0.7559	201.0	4.8
4682.	513.6	-35.0	14.9	15.0	-36.4	86.	0.1928	0.1764	0.7515	198.0	5.1
4734.	509.9	-35.4	15.0	15.1	-36.8	86.	0.1846	0.1692	0.7471	99.9	99.9
4787.	506.0	-35.8	15.2	15.2	-37.2	86.	0.1767	0.1623	0.7427	99.9	99.9
4838.	502.2	-36.2	15.3	15.4	-37.6	86.	0.1691	0.1556	0.7385	181.0	6.0
4890.	498.4	-36.6	15.5	15.5	-38.0	86.	0.1618	0.1491	0.7341	188.0	6.6
4943.	494.6	-37.0	15.6	15.6	-38.4	86.	0.1549	0.1429	0.7298	185.0	7.3
4995.	490.9	-37.4	15.7	15.8	-38.8	86.	0.1482	0.1370	0.7255	99.9	99.9
5046.	487.3	-37.8	15.9	15.9	-39.2	86.	0.1418	0.1313	0.7214	183.0	6.2
5098.	483.6	-38.2	16.0	16.0	-39.6	86.	0.1356	0.1258	0.7172	182.0	6.6
5148.	480.0	-38.4	16.1	16.1	-39.9	86.	0.1297	0.1205	0.7130	181.0	6.9
5201.	476.4	-38.9	16.3	16.3	-40.3	86.	0.1241	0.1154	0.7089	180.0	6.9
5253.	472.8	-39.4	16.4	16.4	-40.7	86.	0.1186	0.1105	0.7047	180.0	18.0
5304.	469.4	-39.8	16.5	16.5	-41.1	86.	0.1133	0.1058	0.7009	99.9	99.9
5355.	465.8	-40.2	16.6	16.6	-41.5	86.	0.1083	0.1013	0.6967	178.0	10.3
5406.	462.3	-40.6	16.7	16.8	-41.9	86.	0.1035	0.0970	0.6926	178.0	10.4
5458.	458.8	-41.0	16.9	16.9	-42.3	86.	0.0988	0.0928	0.6886	178.0	10.4
5507.	455.5	-41.4	17.0	17.0	-42.7	86.	0.0944	0.0888	0.6848	178.0	10.5
5559.	452.0	-41.8	17.1	17.1	-43.1	86.	0.0902	0.0850	0.6807	178.0	10.6
5611.	448.6	-42.2	17.2	17.2	-43.5	86.	0.0861	0.0813	0.6767	178.0	10.8
5661.	445.2	-42.6	17.3	17.4	-43.9	86.	0.0823	0.0777	0.6728	179.0	10.9
5719.	441.2	-43.0	17.4	17.5	-44.3	86.	0.0785	0.0744	0.6691	179.0	11.1
5762.	438.6	-43.4	17.6	17.6	-44.7	86.	0.0750	0.0711	0.6651	179.0	11.5
5811.	435.4	-43.8	17.7	17.7	-45.1	86.	0.0715	0.0680	0.6614	178.0	12.1
5862.	432.1	-44.2	17.8	17.8	-45.5	86.	0.0683	0.0650	0.6575	178.0	13.1
5911.	428.9	-44.6	17.9	17.9	-45.9	86.	0.0651	0.0621	0.6538	177.0	13.8
5961.	425.7	-45.0	18.1	18.1	-46.3	86.	0.0621	0.0593	0.6501	177.0	14.4
6012.	422.5	-45.4	18.2	18.2	-46.8	86.	0.0592	0.0573	0.6460	176.0	15.8
6064.	419.3	-45.8	18.3	18.3	-46.8	86.	0.0585	0.0566	0.6423	176.0	16.7
6114.	416.2	-46.2	18.4	18.5	-47.2	86.	0.0572	0.0548	0.6383	176.0	17.6
6165.	413.0	-46.6	18.5	18.6	-47.6	86.	0.0535	0.0535	0.6339	176.0	18.4
6216.	410.0	-46.9	18.6	18.7	-47.9	86.	0.0535	0.0511	0.6300	176.0	18.7
6267.	406.9	-47.3	18.7	18.8	-48.3	86.	0.0477	0.0488	0.6260	176.0	19.6
6318.	403.8	-47.7	18.8	18.9	-48.4	86.	0.0478	0.0461	0.6226	176.0	20.7
6369.	400.9	-47.8	18.9	19.0	-48.7	86.	0.0445	0.0445	0.6193	176.0	21.5
6424.	398.0	-47.9	20.2	20.2	-48.9	86.	0.0444	0.0430	0.6156	176.0	22.6
6451.	395.4	-48.0	20.3	20.3	-49.0	86.	0.0434	0.0420	0.6118	176.0	23.0
6494.	392.5	-48.2	20.6	20.6	-49.2	86.	0.0418	0.0405	0.6081	176.0	23.3
6546.	389.6	-48.6	20.8	20.8	-49.6	86.	0.0388	0.0388	0.6050	177.0	23.2
6599.	386.6	-48.9	20.9	20.9	-50.0	86.	0.0384	0.0373	0.6009	177.0	23.2
6645.	384.0	-49.2	21.2	21.2	-50.4	86.	0.0375	0.0364	0.5972	176.0	23.2
6699.	381.1	-49.5	21.4	21.4	-50.6	86.	0.0377	0.0360	0.5934	176.0	22.8
6752.	378.2	-49.4	22.1	22.1	-50.6	86.	0.0356	0.0356	0.5898	180.0	22.5
6777.	376.8	-49.5	22.4	22.4	-50.7	86.	0.0361	0.0352	0.5860	181.0	22.0
6824.	374.0	-49.7	22.9	22.9	-50.9	86.	0.0352	0.0345	0.5825	182.0	22.0
6873.	370.7	-50.1	23.1	23.1	-51.2	86.	0.0335	0.0331	0.5787	183.0	21.7
6924.	367.8	-50.4	23.4	23.4	-51.5	86.	0.0327	0.0322	0.5750	184.0	21.5
6976.	364.9	-50.7	23.8	23.8	-51.7	86.	0.0311	0.0312	0.5710	185.0	21.2
7026.	362.0	-50.7	24.0	24.0	-51.7	86.	0.0311	0.0305	0.5672	187.0	21.0
7077.	359.0	-51.0	24.4	24.4	-52.0	86.	0.0294	0.0294	0.5638	187.0	19.8
7116.	357.1	-51.2	24.6	24.7	-52.2	86.	0.0286	0.0284	0.5608	188.0	18.9
7164.	354.5	-51.4	24.9	24.9	-52.4	86.	0.0271	0.0272	0.5574	189.0	18.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE**2+6M0* (G/KG**2)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7219.	351.7	-51.8	25.2	25.2	-53.6	86.	0.0271	0.0267	0.5535	195.0	14.3
7269.	348.0	-52.2	25.1	25.1	-53.9	86.	0.0265	0.0261	0.5498	191.0	14.5
7311.	346.5	-52.1	26.1	26.1	-53.9	86.	0.0261	0.0257	0.5461	192.0	17.0
7356.	344.1	-52.2	26.4	26.4	-54.0	86.	0.0255	0.0251	0.5428	193.0	17.2
7400.	341.8	-52.4	26.9	26.9	-54.0	86.	0.0251	0.0248	0.5394	193.0	17.3
7445.	339.4	-52.5	27.4	27.3	-53.7	86.	0.0248	0.0245	0.5359	194.0	16.8
7491.	337.1	-52.7	27.8	27.6	-53.7	86.	0.0242	0.0239	0.5326	195.0	16.6
7539.	334.5	-52.8	28.0	28.0	-54.1	86.	0.0236	0.0232	0.5291	196.0	16.7
7589.	331.9	-53.0	28.5	28.3	-54.2	86.	0.0233	0.0231	0.5252	196.0	16.9
7636.	329.5	-53.2	28.8	28.8	-54.4	86.	0.0227	0.0225	0.5219	198.0	15.4
7683.	327.1	-53.4	29.2	29.2	-54.5	86.	0.0216	0.0214	0.5190	199.0	15.1
7733.	324.7	-53.5	29.6	29.6	-54.5	86.	0.0224	0.0222	0.5145	200.0	14.8
7778.	322.4	-53.6	30.1	30.1	-54.4	86.	0.0227	0.0225	0.5106	202.0	14.7
7829.	320.2	-53.8	30.4	30.4	-54.4	86.	0.0227	0.0225	0.5072	203.0	14.7
7882.	317.9	-53.9	30.8	30.8	-54.6	86.	0.0224	0.0222	0.5041	205.0	14.1
7935.	315.6	-54.1	31.2	31.2	-54.6	86.	0.0222	0.0220	0.5010	208.0	13.8
7987.	313.5	-54.2	31.7	31.7	-54.7	86.	0.0219	0.0217	0.4979	210.0	13.7
8041.	311.4	-54.3	32.2	32.2	-54.8	86.	0.0215	0.0212	0.4947	212.0	13.7
8092.	309.5	-54.5	32.6	32.6	-55.0	86.	0.0208	0.0204	0.4917	213.0	13.7
8148.	307.1	-54.5	32.9	32.9	-55.5	86.	0.0197	0.0196	0.4889	215.0	13.7
8199.	305.1	-54.6	33.3	33.3	-55.8	86.	0.0191	0.0189	0.4863	216.0	13.7
8172.	303.1	-54.6	33.6	33.6	-56.0	86.	0.0185	0.0185	0.4836	219.0	13.8
8212.	301.2	-55.0	34.2	34.2	-56.3	86.	0.0180	0.0180	0.4810	220.0	14.0
8261.	299.0	-55.1	34.7	34.7	-56.3	86.	0.0178	0.0178	0.4775	222.0	14.1
8309.	296.8	-55.4	35.2	35.2	-56.4	86.	0.0176	0.0176	0.4744	224.0	14.2
8351.	294.7	-55.4	35.5	35.5	-56.6	86.	0.0171	0.0171	0.4715	225.0	14.2
8398.	292.6	-55.6	35.9	35.9	-56.8	86.	0.0167	0.0167	0.4686	226.0	14.3
8438.	290.7	-55.7	36.3	36.3	-56.9	86.	0.0165	0.0165	0.4657	227.0	14.4
8477.	288.9	-55.7	36.6	36.6	-56.9	86.	0.0165	0.0165	0.4628	228.0	14.4
8519.	287.0	-55.8	37.0	37.0	-57.0	86.	0.0163	0.0163	0.4600	229.0	14.4
8561.	285.1	-55.9	37.4	37.4	-57.1	86.	0.0160	0.0161	0.4572	230.0	14.5
8604.	283.2	-56.1	37.8	37.8	-57.1	86.	0.0158	0.0157	0.4543	231.0	14.4
8644.	281.4	-56.1	38.2	38.2	-57.2	86.	0.0156	0.0157	0.4517	233.0	14.5
8685.	279.6	-56.2	38.6	38.6	-57.3	86.	0.0154	0.0155	0.4490	234.0	14.6
8726.	277.8	-56.2	39.1	39.1	-57.3	86.	0.0154	0.0155	0.4461	236.0	14.1
8769.	275.9	-56.4	39.5	39.5	-57.5	86.	0.0150	0.0151	0.4434	237.0	13.7
8813.	274.0	-56.6	40.0	40.0	-57.7	86.	0.0146	0.0147	0.4408	238.0	13.8
8855.	272.2	-56.7	40.4	40.4	-57.8	86.	0.0145	0.0145	0.4381	239.0	13.9
8897.	270.4	-56.8	40.8	40.8	-57.8	86.	0.0143	0.0144	0.4354	240.0	13.8
8939.	268.6	-56.8	41.2	41.2	-57.9	86.	0.0143	0.0144	0.4325	240.0	13.9
8982.	266.8	-56.9	41.6	41.6	-58.0	86.	0.0141	0.0142	0.4298	243.0	13.9
9022.	265.1	-57.0	42.0	42.0	-58.1	86.	0.0139	0.0140	0.4273	244.0	13.9
9067.	263.2	-57.3	42.4	42.4	-58.4	86.	0.0134	0.0135	0.4246	245.0	13.8
9112.	261.3	-57.5	42.8	42.8	-58.6	86.	0.0130	0.0131	0.4221	246.0	13.9
9157.	259.5	-57.7	43.2	43.2	-58.8	86.	0.0127	0.0128	0.4196	247.0	14.0
9200.	257.7	-57.9	43.6	43.6	-59.0	86.	0.0123	0.0125	0.4171	248.0	14.1
9245.	255.9	-58.2	44.0	44.0	-59.1	86.	0.0122	0.0123	0.4144	248.0	14.3
9289.	254.1	-58.1	44.4	44.4	-59.2	86.	0.0120	0.0122	0.4116	249.0	14.5
9334.	252.3	-58.1	44.9	44.9	-59.2	86.	0.0121	0.0122	0.4087	249.0	14.6
9379.	250.5	-58.2	45.5	45.5	-59.3	86.	0.0118	0.0120	0.4060	249.0	14.9
9424.	248.7	-58.3	46.0	46.0	-59.4	86.	0.0117	0.0119	0.4033	249.0	14.9
9467.	247.0	-58.5	46.4	46.4	-59.6	86.	0.0114	0.0116	0.4009	249.0	15.0
9513.	245.2	-58.6	47.0	47.0	-59.7	86.	0.0112	0.0114	0.3981	250.0	15.1
9556.	243.5	-58.7	47.5	47.5	-59.8	86.	0.0111	0.0113	0.3956	250.0	15.2
9600.	241.8	-58.9	48.0	48.0	-60.0	86.	0.0108	0.0110	0.3932	250.0	15.4
9647.	240.0	-59.1	48.6	48.6	-60.2	86.	0.0105	0.0107	0.3906	251.0	15.6
9694.	238.2	-59.2	49.2	49.2	-60.3	86.	0.0104	0.0106	0.3879	251.0	15.7
9739.	236.5	-59.3	49.7	49.7	-60.4	86.	0.0102	0.0104	0.3853	251.0	16.0
9784.	234.8	-59.5	50.3	50.3	-60.6	86.	0.0101	0.0101	0.3829	252.0	16.2
9829.	233.1	-59.7	50.8	50.4	-60.8	86.	0.0097	0.0099	0.3804	252.0	16.4
9870.	231.6	-59.8	50.8	50.8	-60.9	86.	0.0096	0.0098	0.3782	252.0	16.6
9913.	230.0	-59.9	51.3	51.3	-61.0	86.	0.0094	0.0096	0.3757	252.0	16.9
9956.	228.4	-60.0	51.8	51.8	-61.1	86.	0.0093	0.0095	0.3733	252.0	17.1
10003.	226.7	-60.0	52.5	52.5	-61.1	86.	0.0093	0.0095	0.3705	252.0	17.3
10047.	225.1	-60.0	53.2	53.2	-61.1	86.	0.0093	0.0095	0.3679	253.0	17.5
10089.	223.6	-60.0	53.8	53.8	-61.1	86.	0.0093	0.0095	0.3654	253.0	17.8
10134.	222.0	-60.1	54.3	54.3	-61.2	86.	0.0092	0.0094	0.3630	253.0	17.9
10173.	220.6	-60.1	54.9	54.9	-61.2	86.	0.0092	0.0094	0.3607	253.0	18.1
10213.	219.2	-60.3	55.2	55.2	-61.4	86.	0.0089	0.0091	0.3588	254.0	18.3
10255.	217.7	-60.2	56.0	56.0	-61.3	86.	0.0091	0.0093	0.3561	254.0	18.4
10301.	216.1	-60.1	56.9	56.9	-61.2	86.	0.0092	0.0094	0.3534	254.0	18.7
10346.	214.5	-60.1	57.6	57.6	-61.2	86.	0.0092	0.0094	0.3507	255.0	18.9
10388.	213.1	-60.2	58.0	58.0	-61.3	86.	0.0091	0.0093	0.3486	255.0	19.1
10432.	211.6	-60.3	58.5	58.5	-61.4	86.	0.0089	0.0091	0.3463	256.0	19.4
10474.	210.2	-60.3	59.2	59.2	-61.4	86.	0.0089	0.0091	0.3440	256.0	19.6
10515.	208.8	-60.2	60.0	60.0	-61.3	86.	0.0091	0.0093	0.3416	257.0	19.8
10560.	207.3	-60.0	61.0	61.0	-61.1	86.	0.0093	0.0095	0.3388	257.0	20.2
10602.	205.9	-60.0	61.6	61.6	-61.1	86.	0.0093	0.0095	0.3365	257.0	20.6
10645.	204.5	-60.0	62.3	62.3	-61.1	86.	0.0093	0.0095	0.3342	258.0	20.9
10688.	203.1	-60.0	62.9	62.9	-61.1	86.	0.0093	0.0095	0.3319	259.0	21.2
10731.	201.7	-60.1	63.4	63.4	-61.2	86.	0.0092	0.0094	0.3298	259.0	21.5
10780.	200.1	-60.2	64.0	64.0	-61.3	86.	0.0091	0.0093	0.3273	259.0	21.9
10827.	198.6	-60.2	64.8	64.8	-61.3	86.	0.0091	0.0093	0.3249	260.0	22.2
10874.	197.1	-60.2	65.5	65.5	-61.3	86.	0.0091	0.0093	0.3224	260.0	22.6
10916.	195.8	-60.1	66.3	66.3	-61.2	86.	0.0092	0.0094	0.3202	259.0	22.9
10960.	194.4	-60.2	66.8	66.8	-61.3	86.	0.0091	0.0093	0.3180	259.0	23.2
11005.	193.0	-60.2	67.5	67.5	-61.3	86.	0.0091	0.0093	0.3157	260.0	23.4
11054.	191.5	-60.2	68.3	68.3	-61.3	86.	0.0091	0.0093	0.3133	260.0	23.6
11103.	190.0	-60.2	69.0	69.1	-61.3	86.	0.0091	0.0093	0.3108	260.0	23.8
11142.	188.8	-60.2	69.7	69.7	-61.3	86.	0.0091	0.0093	0.3089	261.0	24.1
11189.	187.4	-60.2	70.4	70.4	-61.3	86.	0.0091	0.0093	0.3066	261.0	24.4
11235.	186.0	-60.2	71.1	71.1	-61.3	86.	0.0091	0.0093	0.3043	261.0	24.6
11279.	184.7	-60.3	71.7	71.7	-61.4	86.	0.0089	0.0091	0.3023	261.0	24.6
11326.	183.3	-60.5	72.1	72.1	-61.6	86.	0.0087	0.0089	0.3003	261.0	25.1
11374.	181.9	-60.6	72.7	72.7	-61.7	86.	0.0086	0.0088	0.2981	261.0	25.3
11422.	180.5	-60.7	73.3	73.3	-61.8	86.	0.0085	0.0087	0.2960	262.0	25.5
11474.	179.0	-60.8	73.9	74.0	-61.9	86.	0.0083	0.0086	0.2937	262.0	25.7
11522.	177.6	-60.8	74.7	74.7	-61.9	86.	0.0083	0.0086	0.2914	262.0	25.9
11568.	176.3	-60.9	75.3	75.3	-62.0	86.	0.0082	0.0084	0.2894	262.0	26.1
11614.	175.0	-60.9	76.0	76.0	-62.0	86.	0.0082	0.0084	0.2872	262.0	26.4
11657.	173.8	-60.9	76.7	76.7	-62.0	86.	0.0082	0.0084	0.2853	261.0	26.6
11703.	172.5	-61.0	77.3	77.3	-62.1	86.	0.0081	0.0083	0.2833	262.0	26.9
11750.	171.2	-61.1	77.9	77.9	-62.2	86.	0.0080	0.0082	0.2813	262.0	27.1
11801.	169.8	-61.3	78.4	78.4	-62.4	86.	0.0078	0.0080	0.2792	261.0	27.3
11849.	168.5	-61.4	79.0	79.0	-62.5	86.	0.0077	0.0079	0.2772	261.0	27.4
11896.	167.2	-61.4	79.6	79.6	-62.5	86.	0.0077	0.0079	0.2751	261.0	27.6
11941.	166.0	-61.4	80.5	80.5	-62.5	86.	0.0077	0.0079	0.2731	260.0	27.8
11986.	164.8	-61.4	81.2	81.2	-62.5	86.	0.0077	0.0079	0.2711	260.0	27.9
12031.	163.6	-61.4	82.0	82.0	-62.5	86.	0.0077	0.0079	0.2692	260.0	28.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14077.	160.6	-61.5	92.6	92.6	-62.6	86.	0.0076	0.0078	0.2673	256.0	28.7
14127.	161.2	-61.5	92.1	92.1	-62.7	86.	0.0075	0.0077	0.2655	256.0	28.4
14176.	161.8	-61.7	91.7	91.7	-62.8	86.	0.0074	0.0076	0.2636	256.0	28.5
14225.	162.4	-61.7	91.5	91.5	-62.8	86.	0.0074	0.0076	0.2616	260.0	28.6
14274.	163.0	-61.6	91.6	91.6	-62.7	86.	0.0075	0.0077	0.2595	258.0	28.6
14324.	163.6	-61.6	91.6	91.6	-62.7	86.	0.0077	0.0079	0.2571	260.0	28.6
14374.	164.1	-61.6	91.7	91.7	-62.6	86.	0.0078	0.0080	0.2553	260.0	28.6
14425.	164.7	-61.6	91.8	91.8	-62.6	86.	0.0078	0.0080	0.2533	260.0	28.7
14475.	165.3	-61.6	91.8	91.8	-62.7	86.	0.0077	0.0079	0.2515	261.0	28.8
14526.	165.9	-61.7	91.8	91.8	-62.7	86.	0.0077	0.0079	0.2494	261.0	28.8
14577.	166.4	-61.7	91.9	91.9	-62.8	86.	0.0074	0.0076	0.2475	262.0	28.8
14628.	167.0	-61.7	92.0	92.0	-62.8	86.	0.0074	0.0076	0.2475	262.0	28.8
14680.	167.6	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2458	262.0	28.8
14731.	168.2	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2438	262.0	28.7
14783.	168.8	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2420	262.0	28.6
14834.	169.4	-61.8	92.0	92.0	-62.8	86.	0.0074	0.0076	0.2400	263.0	28.6
14886.	170.0	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2383	263.0	28.5
14938.	170.6	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2367	264.0	28.4
14990.	171.2	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2350	264.0	28.4
15042.	171.8	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2335	264.0	28.4
15094.	172.4	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0074	0.2319	265.0	28.4
15146.	173.0	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2299	265.0	28.5
15198.	173.6	-61.8	92.0	92.0	-62.7	86.	0.0073	0.0075	0.2281	265.0	28.5
15251.	174.2	-61.8	92.0	92.0	-62.7	86.	0.0073	0.0075	0.2264	265.0	28.6
15303.	174.8	-61.8	92.0	92.0	-62.7	86.	0.0073	0.0074	0.2247	265.0	28.6
15356.	175.4	-61.8	92.0	92.0	-62.7	86.	0.0073	0.0075	0.2233	265.0	28.6
15408.	176.0	-61.8	92.0	92.0	-62.7	86.	0.0073	0.0075	0.2219	266.0	28.7
15461.	176.6	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2202	266.0	28.8
15514.	177.2	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2187	266.0	28.8
15567.	177.8	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.2171	265.0	29.0
15620.	178.4	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0074	0.2157	265.0	29.1
15673.	179.0	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0074	0.2142	265.0	29.3
15726.	179.6	-61.8	92.0	92.0	-62.8	86.	0.0072	0.0074	0.2127	265.0	29.5
15779.	180.2	-61.8	92.0	92.0	-62.8	86.	0.0072	0.0074	0.2112	265.0	29.7
15832.	180.8	-61.8	92.0	92.0	-62.8	86.	0.0072	0.0074	0.2098	265.0	29.9
15886.	181.4	-61.8	92.0	92.0	-62.8	86.	0.0071	0.0072	0.2083	265.0	30.2
15939.	182.0	-61.8	92.0	92.0	-62.8	86.	0.0071	0.0073	0.2068	265.0	30.4
15993.	182.6	-61.8	92.0	92.0	-62.8	86.	0.0071	0.0073	0.2054	265.0	30.6
16046.	183.2	-61.8	92.0	92.0	-62.8	86.	0.0071	0.0073	0.2036	265.0	30.8
16100.	183.8	-61.8	92.0	92.0	-62.8	86.	0.0071	0.0073	0.2018	265.0	30.9
16154.	184.4	-61.8	92.0	92.0	-62.8	86.	0.0071	0.0073	0.2001	265.0	31.1
16208.	185.0	-61.8	92.0	92.0	-62.8	86.	0.0069	0.0071	0.1985	265.0	31.2
16262.	185.6	-61.8	92.0	92.0	-62.8	86.	0.0069	0.0071	0.1970	265.0	31.3
16316.	186.2	-61.8	92.0	92.0	-62.8	86.	0.0064	0.0066	0.1957	264.0	31.4
16370.	186.8	-61.8	92.0	92.0	-62.8	86.	0.0063	0.0065	0.1942	264.0	31.5
16424.	187.4	-61.8	92.0	92.0	-62.8	86.	0.0062	0.0064	0.1926	264.0	31.6
16479.	188.0	-61.8	92.0	92.0	-62.8	86.	0.0061	0.0063	0.1912	264.0	31.7
16533.	188.6	-61.8	92.0	92.0	-62.8	86.	0.0060	0.0062	0.1897	264.0	31.8
16588.	189.2	-61.8	92.0	92.0	-62.8	86.	0.0059	0.0061	0.1884	264.0	32.0
16643.	189.8	-61.8	92.0	92.0	-62.8	86.	0.0058	0.0060	0.1870	264.0	32.1
16698.	190.4	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0060	0.1858	264.0	32.3
16753.	191.0	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0059	0.1845	264.0	32.4
16808.	191.6	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0059	0.1832	264.0	32.5
16863.	192.2	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0059	0.1819	264.0	32.6
16919.	192.8	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0059	0.1805	264.0	32.8
16974.	193.4	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0060	0.1791	263.0	33.0
17030.	194.0	-61.8	92.0	92.0	-62.8	86.	0.0058	0.0060	0.1777	263.0	33.4
17086.	194.6	-61.8	92.0	92.0	-62.8	86.	0.0059	0.0061	0.1763	262.0	33.7
17142.	195.2	-61.8	92.0	92.0	-62.8	86.	0.0059	0.0061	0.1750	262.0	34.0
17198.	195.8	-61.8	92.0	92.0	-62.8	86.	0.0059	0.0061	0.1738	262.0	34.3
17254.	196.4	-61.8	92.0	92.0	-62.8	86.	0.0058	0.0060	0.1726	262.0	34.6
17310.	197.0	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0060	0.1715	262.0	35.0
17367.	197.6	-61.8	92.0	92.0	-62.8	86.	0.0057	0.0061	0.1700	262.0	35.3
17423.	198.2	-61.8	92.0	92.0	-62.8	86.	0.0061	0.0063	0.1685	262.0	35.6
17480.	198.8	-61.8	92.0	92.0	-62.8	86.	0.0062	0.0064	0.1671	262.0	36.1
17537.	199.4	-61.8	92.0	92.0	-62.8	86.	0.0063	0.0066	0.1656	262.0	36.4
17594.	200.0	-61.8	92.0	92.0	-62.8	86.	0.0065	0.0067	0.1641	261.0	36.7
17651.	200.6	-61.8	92.0	92.0	-62.8	86.	0.0069	0.0071	0.1625	261.0	36.9
17708.	201.2	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.1609	261.0	37.1
17765.	201.8	-61.8	92.0	92.0	-62.8	86.	0.0075	0.0077	0.1594	261.0	37.3
17822.	202.4	-61.8	92.0	92.0	-62.8	86.	0.0074	0.0076	0.1582	261.0	37.4
17880.	203.0	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.1569	261.0	37.4
17937.	203.6	-61.8	92.0	92.0	-62.8	86.	0.0072	0.0074	0.1558	261.0	37.5
17995.	204.2	-61.8	92.0	92.0	-62.8	86.	0.0072	0.0074	0.1545	261.0	37.5
18053.	204.8	-61.8	92.0	92.0	-62.8	86.	0.0072	0.0074	0.1532	261.0	37.6
18111.	205.4	-61.8	92.0	92.0	-62.8	86.	0.0073	0.0075	0.1520	261.0	37.5
18169.	206.0	-61.8	92.0	92.0	-62.8	86.	0.0074	0.0076	0.1508	261.0	37.4
18227.	206.6	-61.8	92.0	92.0	-62.8	86.	0.0074	0.0076	0.1496	262.0	37.5
18285.	207.2	-61.8	92.0	92.0	-62.8	86.	0.0075	0.0077	0.1484	262.0	37.4
18343.	207.8	-61.8	92.0	92.0	-62.8	86.	0.0076	0.0078	0.1472	262.0	37.4
18402.	208.4	-61.8	92.0	92.0	-62.8	86.	0.0077	0.0079	0.1459	262.0	37.4
18460.	209.0	-61.8	92.0	92.0	-62.8	86.	0.0079	0.0081	0.1446	262.0	37.4
18519.	209.6	-61.8	92.0	92.0	-62.8	86.	0.0081	0.0083	0.1434	263.0	37.6
18578.	210.2	-61.8	92.0	92.0	-62.8	86.	0.0083	0.0086	0.1419	263.0	37.7
18637.	210.8	-61.8	92.0	92.0	-62.8	86.	0.0086	0.0088	0.1406	263.0	37.5
18696.	211.4	-61.8	92.0	92.0	-62.8	86.	0.0088	0.0090	0.1394	264.0	37.5
18755.	212.0	-61.8	92.0	92.0	-62.8	86.	0.0088	0.0092	0.1380	264.0	37.7
18814.	212.6	-61.8	92.0	92.0	-62.8	86.	0.0087	0.0089	0.1370	265.0	37.7
18874.	213.2	-61.8	92.0	92.0	-62.8	86.	0.0089	0.0091	0.1357	265.0	37.7
18933.	213.8	-61.8	92.0	92.0	-62.8	86.	0.0092	0.0094	0.1344	266.0	37.6
18993.	214.4	-61.8	92.0	92.0	-62.8	86.	0.0090	0.0093	0.1332	266.0	37.9
19053.	215.0	-61.8	92.0	92.0	-62.8	86.	0.0090	0.0093	0.1320	267.0	38.0
19113.	215.6	-61.8	92.0	92.0	-62.8	86.	0.0090	0.0093	0.1310	267.0	38.1
19173.	216.2	-61.8	92.0	92.0	-62.8	86.	0.0090	0.0093	0.1299	268.0	38.2
19233.	216.8	-61.8	92.0	92.0	-62.8	86.	0.0089	0.0091	0.1288	268.0	38.2
19293.	217.4	-61.8	92.0	92.0	-62.8	86.	0.0089	0.0091	0.1278	268.0	38.3
19353.	218.0	-61.8	92.0	92.0	-62.8	86.	0.0088	0.0090	0.1267	269.0	38.3
19414.	218.6	-61.8	92.0	92.0	-62.8	86.	0.0088	0.0090	0.1256	99.9	99.9
19474.	219.2	-61.8	92.0	92.0	-62.8	86.	0.0087	0.0089	0.1247	270.0	38.5
19535.	219.8	-61.8	92.0	92.0	-62.8	86.	0.0086	0.0088	0.1236	270.0	39.1
19595.	220.4	-61.8	92.0	92.0	-62.8	86.	0.0086	0.0088	0.1226	271.0	39.3
19656.	221.0	-61.8	92.0	92.0	-62.8	86.	0.0085	0.0087	0.1217	272.0	39.5
19717.	221.6	-61.8	92.0	92.0	-62.8	86.	0.0085	0.0087	0.1205	273.0	39.7
19778.	222.2	-61.8	92.0	92.0	-62.8	86.	0.0084	0.0086	0.1196	272.0	39.6
19839.	222.8	-61.8	92.0	92.0	-62.8	86.	0.0084	0.0086	0.1186	272.0	39.7
19900.	223.4	-61.8	92.0	92.0	-62.8	86.	0.0084	0.0086	0.1176	272.0	39.8
19961.	224.0	-61.8	92.0	92.0	-62.8	86.	0.0085	0.0087	0.1166	272.0	39.8
20022.	224.6	-61.8	92.0	92.0	-62.8	86.	0.0086	0.0088	0.1156	272.0	39.9
20083.	225.2	-61.8	92.0	92.0	-62.8	86.	0.0086	0.0088	0.1147	273.0	40.1
20144.	225.8	-61.8	92.0	92.0	-62.8	86.	0.0085	0.0087	0.1138	272.0	40.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17385.	68.8	-60.7	183.2	183.2	-61.8	86.	0.0085	0.0087	0.1128	272.0	40.1
17430.	68.3	-60.7	184.1	184.1	-61.8	86.	0.0085	0.0087	0.1120	272.0	40.1
17485.	67.7	-60.7	185.3	185.3	-61.6	86.	0.0085	0.0087	0.1110	271.0	40.1
17531.	67.2	-60.6	186.5	186.5	-61.7	86.	0.0086	0.0088	0.1101	271.0	40.2
17587.	66.6	-60.4	188.1	188.1	-61.5	86.	0.0086	0.0090	0.1091	271.0	40.5
17634.	66.1	-60.2	189.5	189.5	-61.3	86.	0.0090	0.0093	0.1081	271.0	40.7
17681.	65.6	-59.9	191.2	191.2	-61.0	86.	0.0094	0.0096	0.1072	271.0	40.9
17729.	65.1	-59.6	192.8	192.8	-60.7	86.	0.0098	0.0100	0.1062	272.0	41.2
17776.	64.5	-59.3	194.3	194.3	-60.6	86.	0.0099	0.0101	0.1052	272.0	41.5
17835.	64.0	-59.3	195.6	195.6	-60.4	86.	0.0102	0.0104	0.1043	272.0	41.7
17884.	63.5	-59.2	197.1	197.1	-60.3	86.	0.0104	0.0105	0.1034	272.0	41.9
17934.	63.0	-59.0	198.5	198.6	-60.1	86.	0.0106	0.0108	0.1025	272.0	42.2
17983.	62.5	-58.8	199.8	199.8	-60.0	86.	0.0108	0.0110	0.1016	274.0	42.4
18034.	62.0	-58.7	201.4	201.4	-59.8	86.	0.0111	0.0112	0.1007	272.0	42.6
18085.	61.5	-58.6	202.7	202.7	-59.7	86.	0.0112	0.0114	0.0999	271.0	42.8
18136.	61.0	-58.4	204.2	204.3	-59.5	86.	0.0115	0.0117	0.0990	99.9	99.9
18167.	60.5	-58.3	205.6	205.6	-59.4	86.	0.0117	0.0118	0.0981	271.0	43.2
18240.	60.0	-58.1	207.2	207.2	-59.2	86.	0.0120	0.0122	0.0972	271.0	43.4
18292.	59.5	-58.0	208.6	208.6	-59.1	86.	0.0122	0.0123	0.0964	270.0	43.5
18343.	59.0	-57.8	210.1	210.2	-58.9	86.	0.0125	0.0126	0.0955	270.0	43.5
18393.	58.5	-57.7	211.5	211.6	-58.8	86.	0.0127	0.0128	0.0946	270.0	43.6
18445.	58.0	-57.5	213.2	213.2	-58.6	86.	0.0130	0.0131	0.0937	270.0	43.6
18497.	57.6	-57.4	214.4	214.4	-58.5	86.	0.0132	0.0133	0.0930	270.0	43.5
18552.	57.1	-57.2	216.1	216.1	-58.3	86.	0.0135	0.0136	0.0921	270.0	43.5
18607.	56.6	-57.1	217.5	217.5	-58.2	86.	0.0137	0.0138	0.0913	269.0	43.3
18652.	56.2	-56.9	219.0	219.0	-58.0	86.	0.0141	0.0142	0.0905	269.0	43.2
18704.	55.7	-56.8	220.4	220.4	-57.9	86.	0.0142	0.0143	0.0897	269.0	43.0
18754.	55.3	-56.6	221.9	222.0	-57.7	86.	0.0146	0.0147	0.0890	269.0	42.8
18812.	54.8	-56.5	223.4	223.5	-57.6	86.	0.0148	0.0149	0.0881	268.0	42.6
18865.	54.4	-56.3	224.9	225.0	-57.4	86.	0.0152	0.0153	0.0874	268.0	42.3
18917.	53.9	-56.2	226.5	226.5	-57.3	86.	0.0154	0.0155	0.0866	268.0	42.2
18964.	53.5	-56.0	228.0	228.1	-57.1	86.	0.0158	0.0159	0.0858	268.0	42.0
19024.	53.0	-55.9	229.6	229.6	-57.1	86.	0.0160	0.0161	0.0850	268.0	41.8
19072.	52.6	-55.8	230.9	231.0	-57.0	86.	0.0162	0.0163	0.0843	268.0	41.7
19126.	52.2	-55.6	232.5	232.5	-56.8	86.	0.0167	0.0167	0.0836	268.0	41.3
19169.	51.8	-55.5	233.1	233.2	-57.0	86.	0.0162	0.0163	0.0830	268.0	41.0
19231.	51.3	-56.0	233.9	234.1	-57.1	86.	0.0158	0.0159	0.0823	268.0	40.7
19280.	50.9	-56.2	234.7	234.8	-57.3	86.	0.0154	0.0155	0.0817	269.0	40.5
19330.	50.5	-56.4	235.4	235.4	-57.5	86.	0.0150	0.0151	0.0812	269.0	40.2
19381.	50.1	-56.5	236.1	236.4	-57.6	86.	0.0148	0.0149	0.0806	269.0	40.1
19432.	49.7	-56.5	237.5	237.5	-57.6	86.	0.0148	0.0149	0.0799	270.0	40.1
19485.	49.3	-56.7	238.2	238.2	-57.8	86.	0.0144	0.0145	0.0794	270.0	39.9
19534.	48.9	-56.8	239.1	239.2	-57.9	86.	0.0142	0.0143	0.0788	270.0	39.8
19586.	48.5	-57.1	239.6	239.7	-58.2	86.	0.0137	0.0138	0.0782	270.0	39.7
19636.	48.1	-57.5	239.9	239.9	-58.6	86.	0.0130	0.0131	0.0777	271.0	39.6
19704.	47.6	-57.3	241.9	242.0	-58.4	86.	0.0133	0.0135	0.0768	271.0	39.6
19756.	47.2	-57.0	243.4	243.4	-58.1	86.	0.0139	0.0140	0.0761	272.0	39.7
19796.	46.9	-56.8	245.3	245.3	-57.9	86.	0.0142	0.0143	0.0755	272.0	39.8

SOUNDING 44.8
LATITUDE -62.1 LONGITUDE 1.2
DATE 11- 5-81 TIME 2341 GMT
NUMBER OF LEVELS 600

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	976.7	-7.[illegible]	-5.4	-5.1	-9.1	83.	2.8196	2.3135	1.2833	225.0	7.0
81.	971.[illegible]	-7.[illegible]	-5.4	-5.1	-9.6	84.	2.7078	2.2261	1.2760	226.0	6.9
122.	963.[illegible]	-8.1	-5.3	-5.0	-10.1	84.	2.5920	2.1349	1.2685	217.0	6.0
178.	956.5	-8.[illegible]	-5.[illegible]	-5.[illegible]	-10.4	85.	2.5103	2.0705	1.2616	213.0	9.1
234.	949.6	-9.[illegible]	-5.1	-4.[illegible]	-10.8	85.	2.4235	2.0018	1.2543	209.0	9.8
252.	942.5	-9.4	-4.[illegible]	-4.[illegible]	-11.1	86.	2.3669	1.9571	1.2468	207.0	10.5
347.	935.[illegible]	-9.[illegible]	-4.[illegible]	-4.[illegible]	-11.6	86.	2.2643	1.8758	1.2402	205.0	10.9
402.	928.1	-10.[illegible]	-4.[illegible]	-4.7	-12.1	87.	2.1716	1.8022	1.2341	204.0	11.3
459.	922.3	-11.[illegible]	-4.[illegible]	-4.6	-12.5	87.	2.0767	1.7267	1.2273	202.0	11.4
510.	916.6	-11.[illegible]	-4.[illegible]	-4.7	-13.0	88.	1.9905	1.6580	1.2212	201.0	11.5
572.	909.8	-12.1	-4.[illegible]	-4.7	-13.5	88.	1.9028	1.5880	1.2143	200.0	11.4
627.	903.2	-12.6	-4.[illegible]	-4.[illegible]	-13.9	89.	1.8304	1.5372	1.2078	199.0	11.4
681.	896.6	-13.1	-4.[illegible]	-4.[illegible]	-14.4	89.	1.7578	1.4718	1.2016	198.0	11.3
740.	889.9	-13.[illegible]	-4.7	-4.[illegible]	-14.7	90.	1.6983	1.4241	1.1945	197.0	11.2
799.	883.2	-14.1	-4.[illegible]	-4.[illegible]	-15.1	91.	1.6424	1.3776	1.1875	196.0	11.1
858.	876.2	-14.6	-4.6	-4.4	-15.6	91.	1.5668	1.3183	1.1805	196.0	11.3
922.	868.0	-15.1	-4.5	-4.3	-16.0	92.	1.5126	1.2746	1.1733	195.0	11.4
982.	861.[illegible]	-15.[illegible]	-4.[illegible]	-4.1	-16.4	92.	1.4577	1.2302	1.1658	200.0	11.5
1043.	854.0	-16.0	-4.1	-4.0	-16.8	93.	1.4067	1.1889	1.1581	201.0	11.4
1101.	847.4	-16.4	-4.0	-3.8	-17.2	93.	1.3552	1.1472	1.1509	202.0	11.4
1157.	841.1	-16.[illegible]	-3.[illegible]	-3.7	-17.5	94.	1.3139	1.1182	1.1441	203.0	11.2
1211.	835.1	-17.[illegible]	-3.[illegible]	-3.[illegible]	-17.8	95.	1.2724	1.0799	1.1381	205.0	11.2
1264.	829.[illegible]	-17.[illegible]	-3.6	-3.[illegible]	-18.3	95.	1.2159	1.0323	1.1323	206.0	11.2
1312.	824.[illegible]	-18.[illegible]	-1.[illegible]	-1.7	-18.9	96.	1.1808	1.1720	1.1195	206.0	11.2
1359.	819.7	-15.[illegible]	-9.[illegible]	-9.[illegible]	-19.7	97.	1.1555	1.1054	1.1078	209.0	11.2
1404.	814.[illegible]	-19.[illegible]	0.1	0.[illegible]	-19.[illegible]	98.	1.1663	1.1194	1.1018	209.0	11.2
1446.	809.4	-19.7	0.[illegible]	0.[illegible]	-16.[illegible]	93.	1.4461	1.2208	1.0964	210.0	11.2
1492.	804.6	-15.[illegible]	0.7	0.[illegible]	-17.2	88.	1.3557	1.1476	1.0903	211.0	11.2
1536.	799.7	-18.[illegible]	1.1	1.[illegible]	-17.5	96.	1.3126	1.1126	1.0840	212.0	11.1
1584.	794.8	-17.[illegible]	1.[illegible]	1.[illegible]	-17.7	97.	1.2784	1.0929	1.0782	213.0	11.0
1629.	790.3	-18.[illegible]	1.[illegible]	1.7	-18.0	98.	1.2495	1.0616	1.0729	214.0	11.0
1671.	786.[illegible]	-16.[illegible]	1.[illegible]	2.[illegible]	-18.4	84.	1.2124	1.0310	1.0672	215.0	10.9
1716.	781.[illegible]	-18.[illegible]	2.[illegible]	2.[illegible]	-18.7	99.	1.1725	0.9985	1.0612	216.0	10.9
1757.	776.5	-19.[illegible]	2.[illegible]	2.[illegible]	-19.2	99.	1.1267	0.9578	1.0562	216.0	10.9
1799.	772.2	-16.[illegible]	2.[illegible]	2.[illegible]	-19.4	74.	1.0993	0.9378	1.0507	217.0	10.8
1845.	767.7	-17.1	3.[illegible]	3.[illegible]	-19.9	77.	1.0526	0.8987	1.0454	217.0	11.0
1884.	763.[illegible]	-17.[illegible]	3.[illegible]	3.[illegible]	-20.2	76.	1.0177	0.8717	1.0404	218.0	10.9
1927.	758.1	-17.[illegible]	3.[illegible]	3.7	-20.6	74.	0.9816	0.8423	1.0348	219.0	10.9
1971.	754.7	-17.4	4.1	4.[illegible]	-20.[illegible]	72.	0.9555	0.8202	1.0288	219.0	11.0
2016.	750.[illegible]	-17.[illegible]	4.3	4.4	-21.1	71.	0.9229	0.7920	1.0239	220.0	11.[illegible]
2061.	746.7	-17.[illegible]	4.[illegible]	4.[illegible]	-21.5	69.	0.8932	0.7733	1.0187	220.0	11.2
2101.	742.6	-17.7	5.[illegible]	5.1	-21.7	68.	0.8766	0.7557	1.0134	221.0	11.2
2176.	734.[illegible]	-18.[illegible]	5.1	5.[illegible]	-22.[illegible]	66.	0.8273	0.7147	1.0086	221.0	11.4
2177.	734.0	-18.7	5.2	5.4	-22.9	64.	0.7738	0.6752	1.0039	221.0	11.6
2214.	730.[illegible]	-18.[illegible]	5.[illegible]	5.[illegible]	-23.3	63.	0.7532	0.6531	0.9993	221.0	11.7
2240.	726.0	-18.7	5.7	5.8	-23.8	61.	0.7155	0.6218	0.9946	221.0	11.8
2277.	722.4	-19.[illegible]	6.[illegible]	6.1	-24.1	60.	0.6971	0.6064	0.9900	221.0	11.9
2317.	718.[illegible]	-19.[illegible]	6.[illegible]	6.1	-24.7	59.	0.6544	0.5712	0.9859	221.0	12.[illegible]
2357.	714.8	-19.[illegible]	5.[illegible]	6.[illegible]	-25.1	57.	0.6418	0.5515	0.9815	221.0	12.[illegible]
2412.	711.[illegible]	-19.[illegible]	6.4	6.[illegible]	-25.6	56.	0.6078	0.5230	0.9774	221.0	12.[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2444.	707.6	-19.7	6.6	6.7	-26.0	54.	0.5758	0.5047	0.9734	220.0	12.4
2482.	704.6	-19.8	6.6	6.8	-26.1	53.	0.5697	0.4912	0.9693	221.0	12.4
2518.	701.2	-20.0	7.0	7.1	-26.8	51.	0.5284	0.4648	0.9654	220.0	12.6
2557.	697.5	-20.2	7.2	7.3	-27.2	50.	0.5081	0.4477	0.9610	220.0	12.8
2595.	693.9	-20.4	7.4	7.5	-27.8	49.	0.4785	0.4226	0.9568	221.0	12.8
2640.	689.7	-20.7	7.6	7.6	-28.3	47.	0.4552	0.4028	0.9521	222.0	12.6
2681.	685.9	-20.5	8.2	8.3	-28.5	45.	0.4443	0.3935	0.9461	223.0	12.6
2721.	682.2	-20.3	8.4	8.5	-28.3	45.	0.4525	0.4008	0.9403	223.0	12.4
2759.	678.7	-20.1	9.0	9.0	-28.2	44.	0.4617	0.4083	0.9347	223.0	12.4
2794.	675.5	-20.1	9.9	10.0	-28.2	44.	0.4617	0.4083	0.9303	224.0	13.0
2827.	672.5	-20.2	10.2	10.3	-28.2	44.	0.4573	0.4046	0.9266	223.0	13.1
2861.	669.4	-20.5	10.2	10.3	-28.5	44.	0.4443	0.3935	0.9234	223.0	13.2
2896.	666.2	-20.7	10.4	10.4	-28.7	44.	0.4358	0.3863	0.9197	224.0	13.2
2929.	663.3	-20.9	10.5	10.6	-28.9	44.	0.4274	0.3792	0.9164	225.0	13.3
2961.	660.4	-21.1	10.6	10.7	-29.1	44.	0.4192	0.3722	0.9131	225.0	13.5
2994.	657.4	-21.4	10.8	10.9	-29.2	44.	0.4152	0.3685	0.9093	225.0	13.5
3025.	654.3	-21.4	11.0	11.1	-29.4	44.	0.4076	0.3620	0.9058	225.0	13.6
3063.	651.3	-21.5	11.1	11.2	-29.5	44.	0.4033	0.3586	0.9020	226.0	13.7
3097.	648.3	-21.6	11.0	11.1	-29.6	44.	0.3968	0.3553	0.8982	227.0	14.0
3133.	645.1	-21.7	11.0	11.1	-29.7	44.	0.3955	0.3520	0.8941	227.0	14.0
3168.	642.1	-21.7	12.6	12.7	-29.7	44.	0.3925	0.3519	0.8899	227.0	14.1
3200.	639.3	-21.8	12.8	12.9	-29.7	44.	0.3917	0.3487	0.8864	227.0	14.2
3233.	636.4	-22.0	12.9	13.0	-29.9	44.	0.3841	0.3422	0.8831	226.0	14.2
3267.	633.5	-22.1	12.9	13.0	-30.0	44.	0.3804	0.3390	0.8794	226.0	14.4
3302.	630.5	-22.2	13.1	13.2	-30.1	44.	0.3767	0.3358	0.8756	226.0	14.5
3336.	627.6	-22.2	13.4	13.5	-30.2	44.	0.3732	0.3327	0.8719	226.0	14.7
3368.	624.6	-22.3	13.6	13.6	-30.4	44.	0.3696	0.3295	0.8687	226.0	14.8
3402.	621.9	-22.4	13.6	13.8	-30.6	44.	0.3617	0.3144	0.8660	226.0	14.9
3435.	619.1	-23.1	13.6	13.7	-31.0	44.	0.3446	0.3085	0.8628	226.0	15.0
3470.	616.2	-23.4	13.6	13.7	-31.2	44.	0.3348	0.2999	0.8598	226.0	15.1
3504.	613.3	-23.7	13.7	13.7	-31.5	44.	0.3251	0.2915	0.8568	226.0	15.1
3536.	610.6	-23.9	13.8	13.9	-31.7	44.	0.3187	0.2860	0.8537	226.0	15.2
3568.	607.9	-24.0	14.1	14.1	-31.8	44.	0.3155	0.2833	0.8502	226.0	15.4
3597.	605.5	-24.1	14.4	14.4	-31.8	44.	0.3155	0.2833	0.8469	226.0	15.4
3632.	602.6	-24.1	14.7	14.7	-31.9	44.	0.3124	0.2806	0.8432	226.0	15.5
3664.	600.0	-24.3	14.8	14.8	-32.1	44.	0.3063	0.2753	0.8402	226.0	15.6
3697.	597.3	-24.4	15.0	15.1	-32.2	44.	0.3033	0.2727	0.8368	226.0	15.7
3728.	594.7	-24.6	15.2	15.2	-32.4	44.	0.2973	0.2675	0.8338	226.0	15.7
3763.	591.9	-24.8	15.3	15.4	-32.6	44.	0.2914	0.2624	0.8305	226.0	15.7
3797.	589.1	-25.1	15.4	15.4	-32.8	44.	0.2828	0.2550	0.8276	226.0	15.7
3829.	586.5	-25.3	15.5	15.6	-33.0	44.	0.2772	0.2501	0.8246	226.0	15.7
3859.	584.1	-25.4	15.7	15.8	-33.1	44.	0.2744	0.2477	0.8215	226.0	15.7
3892.	581.4	-25.6	16.0	16.0	-33.2	44.	0.2717	0.2454	0.8181	226.0	15.7
3926.	578.8	-25.7	16.1	16.2	-33.4	44.	0.2663	0.2407	0.8151	226.0	15.7
3957.	576.2	-25.8	16.1	16.2	-33.7	44.	0.2584	0.2334	0.8124	226.0	15.6
3992.	573.4	-26.2	16.4	16.4	-33.8	44.	0.2529	0.2293	0.8091	226.0	15.5
4028.	570.6	-26.4	16.6	16.6	-34.1	44.	0.2482	0.2249	0.8058	226.0	15.5
4063.	567.8	-26.7	16.8	16.8	-34.4	44.	0.2437	0.2184	0.8028	226.0	15.5
4095.	565.3	-27.0	16.9	16.9	-34.6	44.	0.2335	0.2121	0.8000	226.0	15.5
4128.	562.7	-27.1	16.7	16.7	-34.8	44.	0.2288	0.2080	0.7972	226.0	15.5
4164.	560.0	-27.4	16.9	16.9	-35.0	44.	0.2242	0.2040	0.7940	226.0	15.6
4195.	557.5	-27.6	17.0	17.0	-35.2	44.	0.2197	0.2000	0.7911	226.0	15.6
4228.	554.9	-27.8	17.0	17.1	-35.4	44.	0.2131	0.1941	0.7884	226.0	15.6
4258.	552.5	-28.1	17.2	17.2	-35.7	44.	0.2047	0.1865	0.7856	226.0	15.6
4295.	549.4	-28.4	17.2	17.2	-35.9	44.	0.2004	0.1840	0.7827	226.0	15.6
4330.	547.1	-28.7	17.3	17.3	-36.2	44.	0.1962	0.1785	0.7798	226.0	15.6
4364.	544.5	-29.0	17.3	17.4	-36.5	44.	0.1923	0.1742	0.7772	226.0	15.7
4395.	542.1	-29.3	17.4	17.4	-36.8	44.	0.1885	0.1691	0.7746	226.0	15.7
4431.	539.4	-29.6	17.4	17.4	-37.1	44.	0.1848	0.1641	0.7717	226.0	15.7
4469.	536.6	-29.9	17.4	17.4	-37.3	44.	0.1784	0.1593	0.7689	226.0	15.7
4500.	534.2	-30.2	17.4	17.4	-37.6	44.	0.1760	0.1564	0.7661	226.0	15.7
4534.	531.6	-30.4	17.6	17.6	-37.8	44.	0.1706	0.1513	0.7632	226.0	15.7
4573.	528.7	-30.7	17.7	17.7	-38.1	44.	0.1648	0.1472	0.7598	226.0	15.7
4602.	526.7	-31.0	17.7	17.7	-38.4	44.	0.1648	0.1426	0.7575	226.0	15.8
4631.	524.4	-31.2	17.8	17.8	-38.6	44.	0.1613	0.1398	0.7552	226.0	15.8
4666.	521.8	-31.5	17.8	17.8	-38.9	44.	0.1560	0.1356	0.7524	224.0	15.8
4701.	519.2	-31.7	17.9	17.9	-39.2	44.	0.1496	0.1325	0.7490	224.0	15.8
4735.	516.7	-31.9	18.0	18.0	-39.4	44.	0.1458	0.1300	0.7462	224.0	15.8
4771.	514.1	-32.2	18.2	18.2	-39.6	44.	0.1376	0.1276	0.7431	224.0	15.8
4807.	511.5	-32.4	18.4	18.4	-39.7	44.	0.1337	0.1237	0.7403	224.0	15.8
4844.	508.8	-32.6	18.5	18.5	-39.9	44.	0.1298	0.1212	0.7376	224.0	15.8
4876.	506.5	-32.8	18.6	18.6	-40.0	44.	0.1264	0.1178	0.7345	224.0	15.7
4908.	504.2	-33.1	18.8	18.8	-40.2	44.	0.1227	0.1152	0.7318	224.0	15.7
4946.	501.5	-33.3	18.9	18.9	-40.4	44.	0.1191	0.1120	0.7288	224.0	15.7
4980.	499.1	-33.6	19.0	19.0	-40.7	44.	0.1156	0.1085	0.7266	224.0	17.1
5009.	497.0	-33.8	19.2	19.2	-40.9	44.	0.1173	0.1094	0.7237	224.0	17.1
5041.	494.6	-34.0	19.4	19.4	-41.1	44.	0.1140	0.1072	0.7211	224.0	17.2
5069.	492.6	-34.2	19.5	19.5	-41.2	44.	0.1124	0.1055	0.7182	224.0	17.2
5098.	490.7	-34.4	19.7	19.7	-41.4	44.	0.1092	0.1028	0.7155	224.0	17.3
5135.	488.1	-34.6	19.8	19.8	-41.7	44.	0.1060	0.0997	0.7126	224.0	17.3
5165.	486.2	-34.7	19.8	19.8	-41.8	44.	0.1045	0.0976	0.7101	224.0	17.4
5194.	484.2	-35.0	19.9	19.9	-42.1	44.	0.1015	0.0948	0.7081	224.0	17.4
5227.	481.7	-35.2	19.9	19.9	-42.4	44.	0.0976	0.0917	0.7056	224.0	17.5
5260.	479.4	-35.5	19.9	19.9	-42.7	44.	0.0948	0.0889	0.7031	224.0	17.5
5292.	477.2	-35.7	20.1	20.1	-42.9	44.	0.0934	0.0875	0.7005	224.0	17.6
5326.	474.9	-36.1	20.1	20.1	-43.3	44.	0.0891	0.0843	0.6980	224.0	17.6
5361.	472.5	-36.4	20.2	20.2	-43.6	44.	0.0863	0.0817	0.6957	224.0	17.6
5391.	470.4	-36.7	20.3	20.3	-43.9	44.	0.0847	0.0800	0.6928	224.0	17.6
5425.	468.1	-36.9	20.3	20.3	-44.2	44.	0.0819	0.0775	0.6903	224.0	17.6
5459.	465.8	-37.2	20.4	20.4	-44.5	44.	0.0791	0.0749	0.6879	224.0	17.6
5493.	463.5	-37.5	20.5	20.5	-44.8	44.	0.0764	0.0723	0.6847	224.0	17.6
5528.	461.4	-37.8	20.6	20.6	-45.1	44.	0.0737	0.0697	0.6822	224.0	17.6
5559.	459.4	-37.9	20.7	20.7	-45.3	44.	0.0724	0.0684	0.6801	224.0	17.6
5586.	457.5	-38.1	20.8	20.8	-45.5	44.	0.0698	0.0659	0.6775	224.0	17.6
5621.	455.2	-38.4	21.0	21.0	-45.8	44.	0.0672	0.0634	0.6747	224.0	17.6
5654.	453.2	-38.6	21.1	21.1	-46.0	44.	0.0659	0.0621	0.6723	224.0	17.6
5687.	451.4	-38.7	21.2	21.2	-46.2	44.	0.0671	0.0633	0.6696	224.0	17.6
5718.	449.6	-39.0	21.2	21.2	-46.5	44.	0.0646	0.0609	0.6675	224.0	17.6
5748.	448.0	-39.2	21.3	21.3	-46.7	44.	0.0634	0.0597	0.6651	224.0	17.6
5782.	446.4	-39.4	21.4	21.4	-46.9	44.	0.0622	0.0586	0.6621	224.0	17.6
5814.	444.1	-39.6	21.5	21.5	-47.1	44.	0.0610	0.0574	0.6598	224.0	17.6
5850.	442.0	-39.8	21.6	21.6	-47.4	44.	0.0598	0.0563	0.6578	224.0	17.6
5882.	440.0	-40.0	21.7	21.7	-47.6	44.	0.0586	0.0552	0.6552	224.0	17.6
5913.	438.0	-40.2	21.8	21.8	-47.7	44.	0.0574	0.0541	0.6531	224.0	17.6
5945.	436.0	-40.4	21.8	21.8	-47.9	44.	0.0563	0.0530	0.6510	219.0	17.6
5976.	434.0	-40.6	21.9	21.9	-48.1	44.	0.0552	0.0519	0.6489	214.0	17.6
6011.	431.7	-40.9	22.0	22.0	-48.4	44.	0.0541	0.0508	0.6467	214.0	17.6
6044.	429.8	-41.1	22.1	22.1	-48.6	44.	0.0530	0.0497	0.6446	214.0	17.6
6077.	427.8	-41.3	22.2	22.2	-48.8	44.	0.0519	0.0487	0.6425	214.0	17.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	VAPOR (G/KG)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]											

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+2*SHUM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9411.	838.4	-65.6	43.1	43.1	-66.1	45.	0.0032	0.0031	0.3833	255.0	22.1
9547.	835.4	-65.5	43.7	43.7	-66.1	45.	0.0032	0.0032	0.3812	236.0	22.1
9683.	832.3	-65.4	44.4	44.4	-66.0	45.	0.0032	0.0032	0.3792	236.0	22.2
9817.	829.3	-65.4	44.9	44.9	-66.0	45.	0.0032	0.0032	0.3768	236.0	22.2
9954.	826.2	-65.3	45.5	45.5	-66.0	45.	0.0031	0.0031	0.3752	237.0	22.2
10092.	823.2	-65.3	46.0	46.0	-66.0	45.	0.0031	0.0031	0.3732	237.0	22.2
10231.	820.1	-65.2	46.6	46.6	-65.9	45.	0.0030	0.0030	0.3712	237.0	22.2
10245.	819.7	-65.2	46.6	46.6	-65.9	45.	0.0030	0.0030	0.3743	238.0	22.2
10372.	816.4	-65.1	47.1	47.1	-65.8	45.	0.0029	0.0029	0.3773	238.0	22.2
10511.	813.3	-65.1	47.6	47.6	-65.8	45.	0.0029	0.0029	0.3754	238.0	22.3
10514.	813.2	-65.1	47.7	47.7	-65.8	45.	0.0030	0.0030	0.3731	238.0	22.3
10654.	810.1	-65.0	48.2	48.2	-65.9	45.	0.0030	0.0030	0.3706	238.0	22.3
10797.	807.0	-65.0	48.8	48.8	-65.9	45.	0.0030	0.0030	0.3684	239.0	22.4
10941.	803.9	-65.0	49.3	49.3	-65.8	45.	0.0031	0.0031	0.3661	239.0	22.4
11086.	800.8	-64.9	49.9	49.9	-65.8	45.	0.0031	0.0031	0.3637	239.0	22.4
11232.	797.7	-64.9	50.4	50.4	-65.8	45.	0.0031	0.0031	0.3616	240.0	22.5
11380.	794.6	-64.8	51.0	51.0	-65.8	45.	0.0031	0.0031	0.3598	240.0	22.5
11529.	791.4	-64.8	51.5	51.5	-65.8	45.	0.0031	0.0031	0.3576	241.0	22.6
11679.	788.3	-64.7	52.1	52.1	-65.8	45.	0.0031	0.0031	0.3556	242.0	22.6
11830.	785.2	-64.7	52.7	52.7	-65.8	45.	0.0031	0.0031	0.3536	242.0	22.7
11982.	782.0	-64.6	53.3	53.3	-65.8	45.	0.0031	0.0031	0.3513	243.0	22.9
12041.	780.8	-64.6	53.4	53.4	-65.8	45.	0.0031	0.0031	0.3491	243.0	23.0
12057.	780.4	-64.6	53.5	53.5	-65.8	45.	0.0031	0.0031	0.3471	244.0	23.0
12211.	777.3	-64.5	54.0	54.0	-65.8	45.	0.0031	0.0031	0.3451	245.0	23.2
12364.	774.2	-64.5	54.6	54.6	-65.8	45.	0.0032	0.0032	0.3431	246.0	23.4
12519.	771.1	-64.4	55.2	55.2	-65.8	45.	0.0032	0.0032	0.3411	246.0	23.5
12674.	767.9	-64.4	55.7	55.7	-65.8	45.	0.0031	0.0031	0.3395	247.0	23.7
12830.	764.8	-64.3	56.3	56.3	-65.8	45.	0.0031	0.0031	0.3375	247.0	23.9
12987.	761.6	-64.3	56.9	56.9	-65.8	45.	0.0032	0.0032	0.3353	247.0	24.2
13061.	760.0	-64.3	57.2	57.2	-65.8	45.	0.0033	0.0033	0.3339	247.0	24.4
13145.	758.2	-64.2	57.5	57.5	-65.8	45.	0.0034	0.0034	0.3307	248.0	24.7
13303.	755.0	-64.2	58.1	58.1	-65.8	45.	0.0033	0.0033	0.3289	248.0	24.9
13462.	751.8	-64.1	58.7	58.7	-65.8	45.	0.0032	0.0032	0.3272	249.0	25.1
13622.	748.6	-64.1	59.3	59.3	-65.8	45.	0.0032	0.0032	0.3253	248.0	25.5
13697.	747.0	-64.1	59.6	59.6	-65.8	45.	0.0031	0.0031	0.3238	248.0	25.7
13783.	745.2	-64.0	59.9	59.9	-65.8	45.	0.0031	0.0031	0.3220	247.0	25.9
13944.	742.0	-64.0	60.5	60.5	-65.8	45.	0.0031	0.0031	0.3202	247.0	26.1
14107.	738.8	-63.9	61.1	61.1	-65.8	45.	0.0031	0.0031	0.3187	246.0	26.2
14271.	735.6	-63.9	61.7	61.7	-65.8	45.	0.0031	0.0031	0.3172	246.0	26.4
14437.	732.4	-63.8	62.3	62.3	-65.8	45.	0.0030	0.0030	0.3155	246.0	26.4
14604.	729.2	-63.8	62.9	62.9	-65.8	45.	0.0029	0.0029	0.3141	245.0	26.5
14773.	726.0	-63.7	63.5	63.5	-65.8	45.	0.0030	0.0030	0.3122	245.0	26.7
14943.	722.8	-63.7	64.1	64.1	-65.8	45.	0.0031	0.0031	0.3102	245.0	26.8
15114.	719.6	-63.6	64.7	64.7	-65.8	45.	0.0031	0.0031	0.3083	245.0	26.9
15286.	716.3	-63.6	65.3	65.3	-65.8	45.	0.0032	0.0032	0.3062	245.0	27.0
15374.	714.7	-63.5	65.6	65.6	-65.8	45.	0.0033	0.0033	0.3043	245.0	27.1
15459.	713.1	-63.5	65.9	65.9	-65.8	45.	0.0034	0.0034	0.3022	245.0	27.2
15633.	709.9	-63.4	66.5	66.5	-65.8	45.	0.0036	0.0036	0.3001	245.0	27.3
15807.	706.7	-63.4	67.1	67.1	-65.8	45.	0.0036	0.0036	0.2977	245.0	27.4
15984.	703.5	-63.3	67.7	67.7	-65.8	45.	0.0037	0.0037	0.2956	245.0	27.6
16163.	700.3	-63.3	68.3	68.3	-65.8	45.	0.0038	0.0038	0.2943	245.0	27.6
16343.	697.1	-63.2	68.9	68.9	-65.8	45.	0.0037	0.0037	0.2927	245.0	27.8
16524.	693.9	-63.2	69.5	69.5	-65.8	45.	0.0037	0.0037	0.2910	245.0	27.9
16617.	692.3	-63.1	69.8	69.8	-65.8	45.	0.0036	0.0036	0.2894	245.0	28.1
16711.	690.7	-63.1	70.1	70.1	-65.8	45.	0.0035	0.0035	0.2877	245.0	28.3
16899.	687.4	-63.0	70.7	70.7	-65.8	45.	0.0035	0.0035	0.2860	245.0	28.4
17088.	684.2	-63.0	71.3	71.3	-65.8	45.	0.0035	0.0035	0.2844	245.0	28.6
17278.	680.9	-62.9	71.9	71.9	-65.8	45.	0.0036	0.0036	0.2826	245.0	28.7
17469.	677.7	-62.9	72.5	72.5	-65.8	45.	0.0036	0.0036	0.2810	245.0	28.9
17662.	674.5	-62.8	73.1	73.1	-65.8	45.	0.0035	0.0035	0.2794	245.0	29.0
17856.	671.2	-62.8	73.7	73.7	-65.8	45.	0.0035	0.0035	0.2779	245.0	29.2
17951.	669.7	-62.8	74.0	74.0	-65.8	45.	0.0034	0.0034	0.2763	246.0	29.3
18049.	668.0	-62.7	74.3	74.3	-65.8	45.	0.0034	0.0034	0.2746	247.0	29.5
18246.	664.8	-62.7	74.9	74.9	-65.8	45.	0.0033	0.0033	0.2731	248.0	29.7
18445.	661.6	-62.6	75.5	75.5	-65.8	45.	0.0033	0.0033	0.2715	248.0	30.0
18645.	658.3	-62.6	76.1	76.1	-65.8	45.	0.0033	0.0033	0.2698	248.0	30.2
18847.	655.1	-62.5	76.7	76.7	-65.8	45.	0.0033	0.0033	0.2683	249.0	30.5
18950.	653.5	-62.5	77.0	77.0	-65.8	45.	0.0033	0.0033	0.2668	249.0	30.7
19053.	651.8	-62.5	77.3	77.3	-65.8	45.	0.0033	0.0033	0.2654	250.0	31.0
19259.	648.5	-62.4	77.9	77.9	-65.8	45.	0.0033	0.0033	0.2640	250.0	31.3
19466.	645.2	-62.4	78.5	78.5	-65.8	45.	0.0033	0.0033	0.2625	250.0	31.4
19674.	641.9	-62.3	79.1	79.1	-65.8	45.	0.0033	0.0033	0.2610	250.0	31.7
19884.	638.6	-62.3	79.7	79.7	-65.8	45.	0.0033	0.0033	0.2596	250.0	31.9
20095.	635.3	-62.2	80.3	80.3	-65.8	45.	0.0033	0.0033	0.2581	250.0	32.2
20308.	631.9	-62.2	80.9	80.9	-65.8	45.	0.0033	0.0033	0.2566	250.0	32.5
20522.	628.6	-62.1	81.5	81.5	-65.8	45.	0.0032	0.0032	0.2551	250.0	32.7
20737.	625.2	-62.1	82.1	82.1	-65.8	45.	0.0032	0.0032	0.2536	250.0	33.0
20954.	621.8	-62.0	82.7	82.7	-65.8	45.	0.0032	0.0032	0.2520	250.0	33.2
21172.	618.4	-62.0	83.3	83.3	-65.8	45.	0.0032	0.0032	0.2508	250.0	33.5
21282.	616.7	-61.9	83.6	83.6	-65.8	45.	0.0032	0.0032	0.2496	250.0	33.7
21392.	615.0	-61.9	83.9	83.9	-65.8	45.	0.0031	0.0031	0.2483	250.0	33.8
21503.	613.2	-61.9	84.2	84.2	-65.8	45.	0.0031	0.0031	0.2469	250.0	34.0
21615.	611.5	-61.8	84.5	84.5	-65.8	45.	0.0031	0.0031	0.2457	250.0	34.2
21727.	609.7	-61.8	84.8	84.8	-65.8	45.	0.0031	0.0031	0.2444	250.0	34.4
21840.	608.0	-61.8	85.1	85.1	-65.8	45.	0.0031	0.0031	0.2432	250.0	34.6
21954.	606.2	-61.7	85.4	85.4	-65.8	45.	0.0030	0.0030	0.2420	250.0	34.8
22069.	604.4	-61.7	85.7	85.7	-65.8	45.	0.0029	0.0029	0.2407	250.0	35.0
22184.	602.6	-61.7	86.0	86.0	-65.8	45.	0.0029	0.0029	0.2394	250.0	35.2
22300.	600.8	-61.6	86.3	86.3	-65.8	45.	0.0029	0.0029	0.2382	250.0	35.4
22417.	599.0	-61.6	86.6	86.6	-65.8	45.	0.0028	0.0028	0.2368	250.0	35.7
22535.	597.1	-61.6	86.9	86.9	-65.8	45.	0.0027	0.0027	0.2357	250.0	35.9
22653.	595.3	-61.5	87.2	87.2	-65.8	45.	0.0027	0.0027	0.2345	250.0	36.1
22772.	593.4	-61.5	87.5	87.5	-65.8	45.	0.0027	0.0027	0.2332	250.0	36.3
22892.	591.5	-61.4	87.8	87.8	-65.8	45.	0.0026	0.0026	0.2322	250.0	36.5
23012.	589.6	-61.4	88.1	88.1	-65.8	45.	0.0026	0.0026	0.2309	250.0	36.8
23133.	587.7	-61.3	88.4	88.4	-65.8	45.	0.0026	0.0026	0.2297	250.0	37.0
23255.	585.8	-61.3	88.7	88.7	-65.8	45.	0.0025	0.0025	0.2281	250.0	37.2
23377.	583.8	-61.2	89.0	89.0	-65.8	45.	0.0025	0.0025	0.2269	250.0	37.4
23500.	581.9	-61.2	89.3	89.3	-65.8	45.	0.0025	0.0025	0.2257	250.0	37.6
23624.	579.9	-61.1	89.6	89.6	-65.8	45.	0.0025	0.0025	0.2244	250.0	37.8
23748.	577.9	-61.1	89.9	89.9	-65.8	45.	0.0025	0.0025	0.2234	250.0	38.0
23873.	575.9	-61.0	90.2	90.2	-65.8	45.	0.0025	0.0025	0.2220	250.0	38.2
23998.	573.9	-61.0	90.5	90.5	-65.8	45.	0.0025	0.0025	0.2210	250.0	38.4
24124.	571.8	-60.9	90.8	90.8	-65.8	45.	0.0024	0.0024	0.2200	250.0	38.6
24251.	569.8	-60.9	91.1	91.1	-65.8	45.	0.0024	0.0024	0.2189	250.0	38.8
24378.	567.7	-60.8	91.4	91.4	-65.8	45.	0.0024	0.0024	0.2178	250.0	39.0
24506.	565.6	-60.8	91.7	91.7	-65.8	45.	0.0023	0.0023	0.2165	250.0	39.3
24634.	563.5	-60.7	92.0	92.0	-65.8	45.	0.0023	0.0023	0.2153	250.0	39.4
24763.	561.4	-60.7	92.3	92.3	-65.8	45.	0.0023	0.0023	0.2142	250.0	39.6
24893.	559.3	-60.6	92.6	92.6	-65.8	45.	0.0023	0.0023	0.2130	250.0	39.8
25023.	557.2	-60.6	92.9	92.9	-65.8	45.	0.0022	0.0022	0.2119	250.0	40.0
25154.	555.1	-60.5	93.2	93.2	-65.8	45.	0.0022	0.0022	0.2107	250.0	40.2
25285.	552.9	-60.5	93.5	93.5	-65.8	45.	0.0022	0.0022	0.2096	250.0	40.4
25417.	550.8	-60.4	93.8	93.8	-65.8	45.	0.0022	0.0022	0.2085	250.0	40.6
25550.	548.6	-60.4	94.1	94.1	-65.8	45.	0.0021	0.0021	0.2073	250.0	40.8
25683.	546.5	-60.3	94.4	94.4	-65.8	45.	0.0021	0.0021	0.2062	250.0	41.0
25817.	544.3	-60.3	94.7	94.7	-65.8	45.	0.0021	0.0021	0.2051	250.0	41.2
25951.	542.1	-60.2	95.0	95.0	-65.8	45.	0.0021	0.0021	0.2040	250.0	41.4
26086.	540.0	-60.2	95.3	95.3	-65.8	45.	0.0020	0.0020	0.2029	250.0	41.6
26222.	537.8	-60.1	95.6	95.6	-65.8	45.	0.0020	0.0020	0.2018	250.0	41.8
26358.	535.6	-60.1	95.9	95.9	-65.8	45.	0.0020	0.0020	0.2007	250.0	42.0
26495.	533.4	-60.0	96.2	96.2	-65.8	45.	0.0020	0.0020	0.1996	250.0	42.2
26632.	531.2	-60.0	96.5	96.5	-65.8	45.	0.0019	0.0019	0.1985	250.0	42.4
26770.	529.0	-59.9	96.8	96.8	-65.8	45.	0.0019	0.0019	0.1974	250.0	42.6
26909.	526.8	-59.9	97.1	97.1	-65.8	45.	0.0019	0.0019	0.1963	250.0	42.8
27048.	524.6	-59.8	97.4	97.4	-65.8	45.	0.0019	0.0019	0.1952	250.0	43.0
27188.	522.4	-59.8	97.7	97.7	-65.8	45.	0.0018	0.0018	0.1941	250.0	43.2
27328.	520.2	-59.7	98.0	98.0	-65.8	45.	0.0018	0.0018	0.1930	250.0	43.4
27469.	518.0	-59.7	98.3	98.3	-65.8	45.	0.0018	0.0018	0.1919	250.0	43.6
27611.	515.8	-59.6	98.6	98.6	-65.8	45.	0.0018	0.0018	0.1908	250.0	43.8
27753.	513.5	-59.6	98.9	98.9	-65.8	45.	0.0017	0.0017	0.1897	250.0	44.0
27896.	511.3	-59.5	99.2	99.2	-65.8	45.	0.0017	0.0017	0.1886	250.0	44.2
28040.	509.1	-59.5	99.5	99.5	-65.8	45.	0.0017	0.0017	0.1875	250.0	44.4
28184.	506.8	-59.4	99.8	99.8	-65.8	45.	0.0017	0.0017	0.1864	250.0	44.6
28329.	504.6	-59.4	100.1	100.1	-65.8	45.	0.0016	0.0016	0.1853	250.0	44.8
28474.	502.3	-59.3	100.4	100.4	-65.8	45.	0.0016	0.0016	0.1842	250.0	45.0
28620.	500.1	-59.3	100.7	100.7	-65.8	45.	0.0016	0.0016	0.1831	250.0	45.2
28767.	497.8	-59.2	101.0	101.0	-65.8	45.	0.0016	0.0016	0.1820	250.0	45.4
28914.	495.5	-59.2	101.3	101.3	-65.8	45.	0.0015	0.0015	0.1809	250.0	45.6
29062.	493.2	-59.1	101.6	101.6	-65.8	45.	0.0015	0.0015	0.1798	250.0	45.8
29211.	490.9	-59.1	101.9	101.9	-65.8	45.	0.0015	0.0015	0.1787	250.0	46.0
29360.	488.6	-59.0	102.2	102.2	-65.8	45.	0.0015	0.0015	0.1776	250.0	46.2
29510.	486.3	-59.0	102.5	102.5	-65.8	45.	0.0014	0.0014	0.1765	250.0	46.4
29661.	484.0	-58.9	102.8	102.8	-65.8	45.	0.0014	0.0014	0.1754	250.0	46.6
29812.	481.7	-58.9	103.1	103.1	-65.8	45.	0.0014	0.0014	0.1743	250.0	46.8
29964.	479.4	-58.8	103.4	103.4	-65.8	45.	0.0014	0.0014	0.1732	250.0	47.0
30117.	477.1	-58.8	103.7	103.7	-65.8	45.	0.0013	0.0013	0.1721	250.0	47.2
30270.	474.8	-58.7	104.0	104.0	-65.8	45.	0.0013	0.0013	0.1710	250.0	47.4
30424.	472.5	-58.7	104.3	104.3	-65.8	45.	0.0013	0.0013	0.1699	250.0	47.6
30579.	470.2	-58.6	104.6	104.6	-65.8	45.	0.0013	0.0013	0.1688	250.0	47.8
30734.	467.9	-58.6	104.9	104.9	-65.8	45.	0.0012	0.0012	0.1677	250.0	48.0
30890.	465.6	-58.5	105.2	105.2	-65.8	45.	0.0012	0.0012	0.1666	250.0	48.2
31047.	463.3	-58.5	105.5	105.5	-65.8	45.	0.0012	0.0012	0.1655	250.0	48.4
31204.	460.9	-58.4	105.8	105.8	-65.8	45.	0.0012	0.0012	0.1644	250.0	48.6
31362.	458.6	-58.4	106.1	106.1	-65.8	45.	0.0011	0.0011	0.1633	250.0	48.8
31521.	456.3	-58.3	106.4	106.4	-65.8	45.	0.0011	0.0011	0.1622	250.0	49.0
31680.	453.9	-58.3	106.7	106.7	-65.8	45.	0.0011	0.0011	0.1611	250.0	49.2
31840.	451.6	-58.2	107.0	107.0	-65.8	45.	0.0011	0.0011	0.1600	250.0	49.4
32001.	449.2	-58.2	107.3	107.3	-65.8	45.	0.0010	0.0010	0.1589	250.0	49.6
32162.	446.9	-58.1	107.6	107.6	-65.8	45.	0.0010	0.0010	0.1578	250.0	49.8
32324.	444.5	-58.1	107.9	107.9	-65.8	45.	0.0010	0.0010	0.1567	250.0	50.0
32487.	442.1	-58.0	108.2	108.2	-65.8	45.	0.0010	0.0010	0.1556	250.0	50.2
32650.	439.8	-58.0	108.5	108.5	-65.8	45.	0.0009	0.0009	0.1545	250.0	50.4
32814.	437.4	-57.9	108.8	108.8	-65.8	45.	0.0009	0.0009	0.1534	250.0	50.6
32979.	435.0	-57.9	109.1	109.1	-65.8	45.	0.0009	0.0009	0.1523	250.0	50.8
33144.	432.6	-57.8	109.4	109.4	-65.8	45.	0.0009	0.0009	0.1512	250.0	51.0
33310.	430.2	-57.8	109.7	109.7	-65.8	45.	0.0008	0.0008	0.1501	250.0	51.2
33476.	427.8	-57.7	110.0	110.0	-65.8	45.	0.0008	0.0008	0.1490	250.0	51.4
33643.	425.4	-57.7	110.3	110.3	-65.8	45.	0.0008	0.0008	0.1479	250.0	51.6
33811.	423.0	-57.6	110.6	110.6	-65.8	45.	0.0008	0.0008	0.1468	250.0	51.8
33980.	420.6	-57.6	110.9	110.9	-65.8	45.	0.0007	0.0007	0.1457	250.0	52.0
34149.	418.2	-57.5	111.2	111.2	-65.8	45.	0.0007	0.0007	0.1446	250.0	52.2
34318.	415.8	-57.5	111.5	111.5	-65.8	45.	0.0007	0.0007	0.1435	250.0	52.4
34489.	413.3	-57.4	111.8	111.8	-65.8	45.	0.0007	0.0007	0.1424	250.0	52.6
34660.	410.9	-57.4	112.1	112.1	-65.8	45.	0.0006	0.0006	0.1413	250.0	52.8
34831.	408.5	-57.3	112.4	112.4	-65.8	45.	0.0006	0.0006	0.1402	250.0	53.0
35004.	406.0	-57.3	112.7	112.7	-65.8	45.	0.0006	0.0006	0.1391	250.0	53.2
35177.	403.6	-57.2	113.0	113.0	-65.8	45.	0.0006	0.0006	0.1380	250.0	53.4
35350.	401.1	-57.2	113.3	113.3	-65.8	45.	0.0005	0.0005	0.1369	250.0	53.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*SHUM (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13691.	127.4	-64.1	103.4	103.4	-69.6	45.	0.0026	0.0029	0.2123	266.0	34.7
13635.	126.7	-63.9	104.4	104.4	-69.4	45.	0.0026	0.0030	0.2109	266.0	34.6
13674.	125.9	-63.6	105.2	105.2	-69.3	45.	0.0029	0.0031	0.2095	266.0	34.5
13703.	125.3	-63.7	105.9	105.9	-69.2	45.	0.0029	0.0031	0.2084	266.0	34.5
13737.	124.6	-63.8	106.3	106.4	-69.3	45.	0.0025	0.0031	0.2073	267.0	34.4
13772.	123.9	-63.9	106.8	106.8	-69.4	45.	0.0026	0.0030	0.2063	267.0	34.6
13806.	123.2	-64.0	107.2	107.2	-69.5	45.	0.0026	0.0030	0.2052	267.0	34.7
13841.	122.5	-64.0	107.6	107.8	-69.5	45.	0.0026	0.0030	0.2040	267.0	34.6
13876.	121.8	-64.1	108.3	108.3	-69.6	45.	0.0026	0.0029	0.2030	268.0	34.5
13906.	121.2	-64.1	108.8	108.8	-69.6	45.	0.0026	0.0029	0.2020	268.0	34.3
13942.	120.5	-64.2	109.6	109.6	-69.5	45.	0.0026	0.0030	0.2007	268.0	34.3
13978.	119.8	-63.8	110.6	110.6	-69.3	45.	0.0029	0.0031	0.1994	268.0	34.2
14013.	119.1	-63.6	111.6	111.6	-69.1	45.	0.0030	0.0031	0.1980	268.0	38.1
14044.	118.5	-63.4	112.6	112.6	-69.0	45.	0.0030	0.0032	0.1968	268.0	38.1
14081.	117.8	-63.1	113.8	113.8	-68.7	45.	0.0032	0.0034	0.1954	268.0	34.2
14112.	117.2	-63.0	114.5	114.5	-68.6	45.	0.0032	0.0034	0.1943	268.0	34.2
14149.	116.5	-63.1	115.0	115.0	-68.7	45.	0.0033	0.0034	0.1932	268.0	34.3
14175.	116.0	-62.8	116.0	116.0	-68.4	45.	0.0033	0.0035	0.1921	269.0	34.4
14207.	115.4	-62.6	117.0	117.0	-68.2	45.	0.0034	0.0036	0.1909	269.0	38.5
14234.	114.9	-62.5	117.6	117.7	-68.1	45.	0.0035	0.0037	0.1900	269.0	38.6
14266.	114.3	-62.4	118.4	118.4	-68.0	45.	0.0035	0.0037	0.1889	269.0	38.4
14293.	113.8	-62.4	118.9	118.9	-68.0	45.	0.0035	0.0037	0.1881	269.0	38.5
14320.	113.3	-62.3	119.6	119.6	-67.9	45.	0.0036	0.0037	0.1872	269.0	38.2
14353.	112.7	-62.4	120.0	120.0	-68.0	45.	0.0035	0.0037	0.1863	269.0	38.4
14386.	112.1	-62.5	120.4	120.4	-68.1	45.	0.0035	0.0037	0.1854	269.0	39.6
14413.	111.6	-62.6	120.7	120.7	-68.2	45.	0.0034	0.0036	0.1846	269.0	39.8
14447.	111.0	-62.6	121.3	121.3	-68.2	45.	0.0034	0.0036	0.1837	269.0	40.0
14474.	110.5	-62.5	122.0	122.0	-68.1	45.	0.0035	0.0037	0.1827	269.0	40.1
14502.	110.0	-62.4	122.7	122.7	-68.0	45.	0.0035	0.0037	0.1818	270.0	41.2
14536.	109.4	-62.3	123.5	123.5	-67.9	45.	0.0036	0.0037	0.1808	270.0	40.4
14570.	108.8	-62.3	124.2	124.2	-67.9	45.	0.0036	0.0037	0.1798	270.0	40.5
14604.	108.2	-62.3	124.8	124.8	-67.9	45.	0.0036	0.0037	0.1788	270.0	40.6
14638.	107.6	-62.3	125.4	125.4	-67.9	45.	0.0036	0.0037	0.1778	270.0	40.6
14679.	106.9	-62.2	126.4	126.4	-67.8	45.	0.0036	0.0038	0.1765	270.0	40.6
14713.	106.3	-62.1	127.2	127.2	-67.7	45.	0.0037	0.0039	0.1755	270.0	40.6
14748.	105.7	-62.1	127.8	127.8	-67.7	45.	0.0037	0.0039	0.1745	271.0	40.6
14783.	105.1	-62.2	128.3	128.3	-67.8	45.	0.0036	0.0038	0.1736	271.0	40.5
14819.	104.5	-62.3	128.8	128.8	-67.9	45.	0.0036	0.0037	0.1727	271.0	40.5
14854.	103.9	-62.4	129.2	129.2	-68.1	45.	0.0035	0.0037	0.1717	271.0	40.5
14890.	103.3	-62.4	129.8	129.8	-68.0	45.	0.0035	0.0037	0.1708	270.0	40.4
14926.	102.7	-62.4	130.6	130.6	-68.0	45.	0.0035	0.0037	0.1698	270.0	40.4
14956.	102.2	-62.3	131.3	131.3	-67.9	45.	0.0036	0.0037	0.1689	270.0	40.3
14992.	101.6	-62.3	132.0	132.0	-67.9	45.	0.0036	0.0037	0.1679	270.0	40.2
15024.	101.0	-62.2	132.6	132.6	-67.8	45.	0.0036	0.0038	0.1668	270.0	40.2
15065.	100.4	-62.3	133.4	133.4	-67.9	45.	0.0036	0.0037	0.1659	269.0	39.9
15099.	99.9	-62.3	134.0	134.0	-67.9	45.	0.0036	0.0037	0.1651	269.0	39.8
15135.	99.3	-62.4	134.6	134.6	-68.0	45.	0.0035	0.0037	0.1641	269.0	39.8
15170.	98.7	-62.5	135.2	135.2	-68.1	45.	0.0035	0.0037	0.1632	269.0	39.7
15204.	98.1	-62.5	135.7	135.7	-68.1	45.	0.0035	0.0037	0.1622	269.0	39.6
15246.	97.5	-62.6	136.2	136.2	-68.2	45.	0.0034	0.0036	0.1613	270.0	39.6
15277.	97.0	-62.7	136.6	136.6	-68.3	45.	0.0034	0.0036	0.1606	270.0	39.5
15318.	96.4	-62.8	137.2	137.2	-68.4	45.	0.0033	0.0035	0.1597	269.0	39.5
15348.	95.9	-62.8	137.6	137.6	-68.5	45.	0.0033	0.0035	0.1589	269.0	39.5
15382.	95.3	-62.9	138.1	138.1	-68.5	45.	0.0033	0.0035	0.1579	269.0	39.5
15418.	94.8	-62.9	138.6	138.6	-68.5	45.	0.0033	0.0035	0.1571	269.0	39.4
15457.	94.2	-62.9	139.2	139.2	-68.5	45.	0.0033	0.0035	0.1561	267.0	39.6
15492.	93.7	-62.9	140.1	140.1	-68.5	45.	0.0033	0.0035	0.1553	267.0	39.7
15532.	93.1	-62.8	141.7	141.7	-68.2	45.	0.0034	0.0036	0.1540	267.0	40.0
15563.	92.6	-62.9	142.7	142.7	-68.4	45.	0.0033	0.0035	0.1531	267.0	40.1
15596.	92.1	-62.9	143.4	143.4	-68.4	45.	0.0033	0.0035	0.1522	267.0	40.3
15637.	91.5	-62.9	144.3	144.3	-68.4	45.	0.0033	0.0035	0.1512	267.0	40.6
15677.	90.9	-62.9	145.3	145.3	-68.4	45.	0.0033	0.0035	0.1501	267.0	40.7
15718.	90.3	-62.9	146.3	146.3	-68.4	45.	0.0033	0.0035	0.1491	267.0	41.0
15754.	89.7	-62.9	146.9	146.9	-68.4	45.	0.0033	0.0035	0.1481	266.0	41.3
15806.	89.1	-62.9	147.7	147.7	-68.4	45.	0.0033	0.0035	0.1473	266.0	41.6
15842.	88.5	-62.8	147.7	147.7	-68.2	45.	0.0034	0.0036	0.1464	266.0	41.9
15884.	87.9	-62.8	148.4	148.4	-68.4	45.	0.0033	0.0035	0.1456	266.0	42.2
15926.	87.3	-62.8	148.7	148.7	-68.5	45.	0.0033	0.0035	0.1446	266.0	42.4
15966.	86.7	-62.8	149.4	149.4	-68.6	45.	0.0033	0.0034	0.1437	266.0	42.6
16011.	86.1	-62.8	150.2	150.2	-68.6	45.	0.0033	0.0034	0.1427	266.0	42.8
16054.	85.5	-62.8	151.1	151.1	-68.6	45.	0.0033	0.0034	0.1417	266.0	43.0
16092.	85.0	-62.8	151.8	151.8	-68.6	45.	0.0033	0.0034	0.1409	266.0	43.2
16134.	84.4	-62.8	152.6	152.6	-68.6	45.	0.0033	0.0034	0.1398	266.0	43.4
16177.	83.8	-62.7	154.1	154.1	-68.3	45.	0.0034	0.0036	0.1387	266.0	43.6
16222.	83.2	-62.7	155.0	155.0	-68.3	45.	0.0034	0.0036	0.1377	266.0	43.8
16259.	82.7	-62.7	155.7	155.7	-68.3	45.	0.0034	0.0036	0.1369	266.0	43.9
16305.	82.1	-62.8	156.4	156.4	-68.4	45.	0.0033	0.0035	0.1360	266.0	44.1
16341.	81.6	-62.8	157.0	157.0	-68.4	45.	0.0033	0.0035	0.1351	266.0	44.1
16379.	81.1	-62.7	157.8	157.8	-68.3	45.	0.0034	0.0036	0.1342	266.0	44.3
16417.	80.6	-62.6	158.4	158.4	-68.2	45.	0.0034	0.0036	0.1334	266.0	44.4
16455.	80.1	-62.6	159.1	159.1	-68.1	45.	0.0034	0.0036	0.1325	267.0	44.5
16490.	79.7	-62.5	159.7	159.7	-68.1	45.	0.0034	0.0036	0.1317	267.0	44.6
16529.	79.2	-62.4	160.7	160.7	-68.0	45.	0.0035	0.0037	0.1308	267.0	44.7
16564.	78.7	-62.4	161.2	161.2	-68.0	45.	0.0035	0.0037	0.1301	267.0	44.7
16595.	78.3	-62.4	161.8	161.8	-68.0	45.	0.0035	0.0037	0.1294	267.0	44.8
16632.	77.8	-62.3	162.4	162.4	-67.9	45.	0.0035	0.0037	0.1285	267.0	44.8
16674.	77.3	-62.4	163.1	163.1	-67.9	45.	0.0035	0.0037	0.1277	267.0	44.8
16710.	76.8	-62.4	163.8	163.8	-67.9	45.	0.0035	0.0037	0.1271	267.0	44.8
16738.	76.5	-62.3	164.2	164.2	-67.9	45.	0.0035	0.0037	0.1264	267.0	44.9
16772.	76.0	-62.4	164.8	164.8	-68.0	45.	0.0035	0.0037	0.1256	267.0	45.0
16811.	75.6	-62.4	165.4	165.4	-68.0	45.	0.0035	0.0037	0.1250	267.0	45.1
16844.	75.2	-62.4	165.9	165.9	-68.0	45.	0.0035	0.0037	0.1243	267.0	45.1
16884.	74.7	-62.4	166.6	166.6	-67.9	45.	0.0035	0.0037	0.1234	267.0	45.1
16911.	74.4	-62.4	167.0	167.0	-67.9	45.	0.0035	0.0037	0.1228	267.0	45.1
16951.	73.8	-62.4	167.6	167.6	-68.0	45.	0.0035	0.0037	0.1220	267.0	45.1
16984.	73.4	-62.4	168.2	168.2	-68.0	45.	0.0035	0.0037	0.1214	267.0	45.1
17027.	73.0	-62.4	168.8	168.8	-68.0	45.	0.0035	0.0037	0.1207	267.0	45.1
17061.	72.6	-62.4	169.4	169.4	-68.0	45.	0.0035	0.0037	0.1201	267.0	45.1
17098.	72.2	-62.4	170.0	170.0	-68.0	45.	0.0035	0.0037	0.1194	267.0	45.1
17127.	71.9	-62.4	170.4	170.4	-68.0	45.	0.0035	0.0037	0.1189	267.0	45.1
17167.	71.4	-62.4	171.0	171.0	-68.0	45.	0.0035	0.0037	0.1181	267.0	45.1
17197.	71.1	-62.4	171.4	171.4	-68.0	45.	0.0035	0.0037	0.1176	267.0	45.1
17237.	70.7	-62.4	172.0	172.0	-68.0	45.	0.0035	0.0037	0.1169	267.0	45.1
17277.	70.2	-62.4	172.6	172.6	-68.0	45.	0.0035	0.0037	0.1162	267.0	45.1
17317.	69.8	-62.4	173.2	173.2	-68.0	45.	0.0035	0.0037	0.1155	267.0	45.1
17357.	69.3	-62.4	173.8	173.8	-68.0	45.	0.0035	0.0037	0.1148	267.0	45.1
17397.	68.9	-62.4	174.4	174.4	-68.0	45.	0.0035	0.0037	0.1141	267.0	45.1
17437.	68.4	-62.4	175.0	175.0	-68.0	45.	0.0035	0.0037	0.1134	267.0	45.1
17477.	68.0	-62.4	175.6	175.6	-68.0	45.	0.0035	0.0037	0.1127	267.0	45.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17501.	67.6	-61.9	182.9	182.9	-67.5	45.	0.0038	0.0040	0.1115	270.0	45.4
17538.	67.2	-61.8	183.9	183.9	-67.4	45.	0.0038	0.0040	0.1108	270.0	45.7
17584.	66.7	-61.7	185.1	185.1	-67.3	45.	0.0039	0.0041	0.1099	270.0	45.9
17621.	66.3	-61.7	185.8	185.9	-67.3	45.	0.0039	0.0041	0.1092	270.0	46.2
17659.	65.9	-61.8	186.4	186.4	-67.4	45.	0.0038	0.0040	0.1086	270.0	46.4
17696.	65.5	-62.0	186.8	186.8	-67.6	45.	0.0037	0.0039	0.1081	271.0	46.6
17734.	65.1	-62.2	187.2	187.2	-67.8	45.	0.0036	0.0038	0.1075	271.0	46.9
17772.	64.7	-62.3	187.7	187.8	-67.9	45.	0.0036	0.0037	0.1069	271.0	47.1
17801.	64.4	-62.4	188.1	188.1	-68.0	45.	0.0035	0.0037	0.1065	271.0	47.2
17839.	64.0	-62.4	189.0	189.0	-68.0	45.	0.0035	0.0037	0.1058	271.0	47.3
17878.	63.6	-62.3	190.0	190.0	-67.9	45.	0.0036	0.0037	0.1051	272.0	47.3
17907.	63.3	-62.3	190.6	190.6	-67.9	45.	0.0036	0.0037	0.1046	272.0	47.3
17946.	62.9	-62.4	191.5	191.5	-68.0	45.	0.0035	0.0037	0.1040	272.0	47.3
17985.	62.5	-62.3	192.3	192.3	-67.9	45.	0.0036	0.0037	0.1033	272.0	47.3
18015.	62.2	-62.2	193.2	193.2	-67.8	45.	0.0036	0.0038	0.1027	272.0	47.3
18055.	61.8	-62.0	194.5	194.5	-67.6	45.	0.0037	0.0039	0.1020	272.0	47.2
18085.	61.5	-61.7	195.6	195.6	-67.3	45.	0.0039	0.0041	0.1013	272.0	47.2
18125.	61.1	-61.5	197.1	197.1	-67.2	45.	0.0040	0.0042	0.1006	272.0	47.2
18166.	60.7	-61.2	198.7	198.7	-66.9	45.	0.0041	0.0043	0.0998	272.0	47.2
18207.	60.3	-61.0	200.0	200.0	-66.7	45.	0.0042	0.0045	0.0990	271.0	47.3
18248.	59.9	-60.9	201.1	201.1	-66.6	45.	0.0043	0.0045	0.0983	271.0	47.3
18279.	59.6	-60.9	201.8	201.8	-66.6	45.	0.0043	0.0045	0.0978	271.0	47.3
18321.	59.2	-60.9	202.7	202.7	-66.6	45.	0.0043	0.0045	0.0972	270.0	47.4
18363.	58.8	-60.9	203.7	203.7	-66.6	45.	0.0043	0.0045	0.0965	270.0	47.4
18405.	58.4	-60.9	204.6	204.6	-66.6	45.	0.0043	0.0045	0.0959	270.0	47.5
18448.	58.0	-60.7	206.0	206.0	-66.4	45.	0.0044	0.0046	0.0951	270.0	47.6
18480.	57.7	-60.6	207.1	207.1	-66.2	45.	0.0045	0.0048	0.0945	270.0	47.7
18524.	57.3	-60.5	208.6	208.6	-66.0	45.	0.0047	0.0049	0.0938	270.0	47.8
18556.	57.0	-60.2	209.5	209.5	-65.9	45.	0.0047	0.0050	0.0932	270.0	47.9
18600.	56.6	-60.1	210.7	210.7	-65.8	45.	0.0047	0.0050	0.0926	270.0	47.9
18633.	56.3	-60.2	211.2	211.2	-65.9	45.	0.0047	0.0050	0.0921	270.0	47.9
18678.	55.9	-60.3	212.6	212.6	-66.0	45.	0.0047	0.0049	0.0915	270.0	47.9
18711.	55.6	-60.5	213.5	213.5	-66.2	45.	0.0045	0.0048	0.0911	270.0	47.9
18745.	55.3	-60.5	213.5	213.5	-66.2	45.	0.0047	0.0049	0.0905	270.0	47.9
18792.	54.9	-60.5	214.8	214.8	-66.2	45.	0.0045	0.0048	0.0899	270.0	47.8
18824.	54.6	-60.6	214.5	214.5	-66.3	45.	0.0047	0.0047	0.0895	270.0	47.8
18870.	54.2	-60.7	215.3	215.4	-66.4	45.	0.0044	0.0046	0.0889	270.0	47.7
18904.	53.9	-60.7	216.1	216.1	-66.4	45.	0.0044	0.0046	0.0884	270.0	47.6
18939.	53.6	-60.8	216.7	216.7	-66.5	45.	0.0044	0.0046	0.0879	270.0	47.4
18974.	53.3	-61.0	217.6	217.6	-66.7	45.	0.0042	0.0045	0.0875	270.0	47.3
19009.	53.0	-61.1	217.5	217.6	-66.8	45.	0.0042	0.0044	0.0871	270.0	47.1
19044.	52.7	-60.7	219.3	219.3	-66.4	45.	0.0044	0.0046	0.0864	270.0	47.0
19079.	52.4	-60.6	220.6	220.6	-66.1	45.	0.0046	0.0048	0.0858	271.0	46.9
19115.	52.1	-60.1	222.3	222.3	-65.8	45.	0.0048	0.0050	0.0852	271.0	46.8
19151.	51.8	-59.7	224.0	224.0	-65.5	45.	0.0051	0.0053	0.0845	272.0	46.7
19187.	51.5	-59.5	225.3	225.3	-65.3	45.	0.0052	0.0054	0.0840	272.0	46.6
19236.	51.1	-59.4	226.7	226.7	-65.2	45.	0.0053	0.0055	0.0833	272.0	46.5
19273.	50.8	-59.5	227.3	227.3	-65.3	45.	0.0052	0.0054	0.0828	273.0	46.5
19310.	50.5	-59.6	228.1	228.1	-65.3	45.	0.0052	0.0054	0.0823	273.0	46.4
19347.	50.2	-59.4	229.2	229.2	-65.2	45.	0.0053	0.0055	0.0818	273.0	46.3
19384.	49.9	-59.2	230.6	230.6	-65.0	45.	0.0054	0.0056	0.0813	273.0	46.2
19422.	49.6	-59.1	231.7	231.7	-64.9	45.	0.0056	0.0058	0.0807	273.0	46.2
19460.	49.3	-58.9	233.0	233.0	-64.7	45.	0.0056	0.0058	0.0802	273.0	46.4
19498.	49.0	-58.8	233.9	234.0	-64.7	45.	0.0056	0.0059	0.0797	273.0	46.3
19537.	48.7	-58.8	234.0	234.0	-64.7	45.	0.0056	0.0059	0.0792	273.0	46.4
19588.	48.3	-59.1	235.7	235.7	-64.8	45.	0.0056	0.0058	0.0786	273.0	46.4
19627.	48.0	-59.1	236.4	236.4	-64.9	45.	0.0055	0.0057	0.0781	273.0	46.5
19667.	47.7	-59.1	237.3	237.3	-64.9	45.	0.0055	0.0057	0.0775	273.0	46.7
19709.	47.4	-59.1	238.0	238.0	-64.9	45.	0.0055	0.0057	0.0771	273.0	46.8
19746.	47.1	-59.0	239.4	239.4	-64.8	45.	0.0056	0.0058	0.0766	273.0	47.0
19786.	46.8	-58.9	240.4	240.4	-64.7	45.	0.0056	0.0059	0.0761	273.0	47.3
19826.	46.5	-58.8	241.4	241.4	-64.6	45.	0.0057	0.0059	0.0756	272.0	47.6
19867.	46.2	-58.9	242.5	242.5	-64.7	45.	0.0056	0.0059	0.0751	272.0	47.9
19921.	45.8	-59.1	243.8	243.8	-64.9	45.	0.0055	0.0057	0.0745	272.0	48.2
19962.	45.5	-59.3	244.8	244.8	-65.0	45.	0.0054	0.0056	0.0741	272.0	48.4
20004.	45.2	-59.4	244.6	244.6	-65.2	45.	0.0055	0.0056	0.0737	273.0	48.7
20045.	44.9	-59.5	245.1	245.1	-65.4	45.	0.0054	0.0056	0.0732	273.0	49.0
20087.	44.6	-59.5	246.0	246.0	-65.4	45.	0.0054	0.0054	0.0727	273.0	49.3
20118.	44.4	-59.5	246.6	246.6	-65.3	45.	0.0054	0.0054	0.0724	273.0	49.5
20158.	44.1	-59.2	247.6	247.9	-65.3	45.	0.0052	0.0054	0.0719	273.0	49.8
20200.	43.8	-59.4	248.2	248.2	-65.4	45.	0.0053	0.0055	0.0714	273.0	50.0
20243.	43.5	-59.6	249.4	249.4	-65.6	45.	0.0053	0.0055	0.0709	274.0	50.1
20272.	43.3	-59.6	251.4	251.4	-65.6	45.	0.0054	0.0056	0.0705	274.0	50.2
20315.	43.0	-59.1	252.7	252.7	-64.9	45.	0.0055	0.0057	0.0700	274.0	50.2
20359.	42.7	-58.6	253.8	253.8	-64.4	45.	0.0056	0.0058	0.0695	274.0	50.2
20402.	42.4	-58.5	254.8	254.8	-64.3	45.	0.0056	0.0058	0.0690	274.0	50.1
20433.	42.2	-58.4	255.5	255.5	-64.2	45.	0.0057	0.0058	0.0687	274.0	50.0
20478.	41.9	-58.3	257.1	257.1	-64.2	45.	0.0057	0.0059	0.0681	274.0	49.9
20508.	41.7	-58.3	258.1	258.1	-64.2	45.	0.0060	0.0060	0.0677	274.0	49.8
20544.	41.4	-58.2	259.6	259.6	-64.1	45.	0.0061	0.0061	0.0672	274.0	49.6
20583.	41.2	-58.2	260.7	260.7	-64.1	45.	0.0060	0.0060	0.0669	274.0	49.5
20619.	40.9	-58.2	261.5	261.5	-64.1	45.	0.0061	0.0061	0.0664	274.0	49.4
20662.	40.7	-58.2	262.7	262.7	-64.1	45.	0.0060	0.0060	0.0661	274.0	49.3
20703.	40.4	-58.3	263.4	263.4	-64.2	45.	0.0056	0.0056	0.0657	274.0	49.4
20737.	40.2	-58.3	264.1	265.1	-64.2	45.	0.0058	0.0058	0.0654	275.0	49.4
20784.	39.9	-58.4	264.8	264.8	-64.3	45.	0.0058	0.0058	0.0649	275.0	49.4
20815.	39.7	-58.4	265.6	265.6	-64.4	45.	0.0057	0.0058	0.0645	274.0	49.3
20847.	39.5	-58.4	266.2	266.2	-64.4	45.	0.0059	0.0059	0.0641	274.0	49.3
20884.	39.2	-58.4	267.0	267.0	-64.4	45.	0.0063	0.0063	0.0636	275.0	49.2
20927.	38.9	-58.4	268.0	268.0	-64.4	45.	0.0062	0.0062	0.0632	275.0	49.1
20966.	38.6	-57.7	271.4	271.4	-63.7	45.	0.0067	0.0067	0.0628	277.0	49.1
21004.	38.6	-57.6	273.4	273.4	-63.6	45.	0.0070	0.0070	0.0624	277.0	50.1
21041.	38.3	-57.6	274.4	274.4	-63.6	45.	0.0070	0.0070	0.0618	278.0	50.4
21074.	38.1	-57.5	275.4	275.4	-63.5	45.	0.0071	0.0071	0.0615	278.0	50.6
21100.	37.9	-57.5	276.0	276.0	-63.5	45.	0.0071	0.0071	0.0611	278.0	50.7
21141.	37.7	-57.3	277.4	277.4	-63.3	45.	0.0073	0.0073	0.0609	278.0	50.8
21191.	37.4	-56.8	279.7	279.7	-62.8	45.	0.0074	0.0074	0.0603	278.0	50.8
21220.	37.2	-56.6	281.0	281.0	-62.6	45.	0.0075	0.0075	0.0598	278.0	50.9
21265.	37.0	-56.1	283.4	283.4	-62.1	45.	0.0078	0.0078	0.0594	278.0	51.0
21294.	36.8	-55.9	285.0	285.0	-61.9	45.	0.0079	0.0079	0.0589	278.0	51.0
21339.	36.6	-55.8	286.7	286.7	-61.8	45.	0.0080	0.0080	0.0585	278.0	51.0
21384.	36.4	-55.8	287.8	287.8	-61.8	45.	0.0080	0.0080	0.0582	278.0	51.0
21419.	36.1	-55.8	288.7	288.7	-61.8	45.	0.0080	0.0080	0.0577	278.0	51.0
21458.	35.9	-55.8	289.8	289.8	-61.8	45.	0.0080	0.0080	0.0574	278.0	51.0
21497.	35.7	-55.8	290.8	290.8	-61.8	45.	0.0080	0.0080	0.0571	278.0	51.0
21527.	35.5	-55.8	291.6	291.6	-61.8	45.	0.0080	0.0080	0.0568	278.0	51.0
21569.	35.3	-55.8	292.7	292.7	-61.8	45.	0.0080	0.0080	0.0563	278.0	51.0
21599.	35.1	-55.8	293.5	293.5	-61.8	45.	0.0080	0.0080	0.0560	278.0	51.0
21639.	34.9	-55.8	294.6	294.6	-61.8	45.	0.0080	0.0080	0.0556	278.0	51.0
21669.	34.7	-55.8	295.4	295.4	-61.8	45.	0.0080	0.0080	0.0553	278.0	51.0
21709.	34.5	-55.8	296.5	296.5	-61.8	45.	0.0080	0.0080	0.0550	278.0	51.0
21743.	34.3	-55.8	297.4	297.4	-61.8	45.	0.0080	0.0080	0.0547	278.0	51.0
21780.	34.1	-55.8	298.4	298.4	-61.8	45.	0.0080	0.0080	0.0544	278.0	51.0
21837.	33.8	-55.8	299.8	299.8	-61.8	45.	0.0080	0.0080	0.0540	278.0	51.0

SOUNDING 45.
LATITUDE -00.0 LONGITUDE 1.
DATE 11- 6-RI TIME 1135 GMT
NUMBER OF LEVELS 441

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	968.2	-2.6	-2.6	-2.1	-5.9	82.	3.7670	1.3221	1.2776	240.0	5.0
50.	973.9	-4.7	-4.1	-4.0	-11.9	53.	2.1741	1.4238	1.2721	241.0	4.9
116.	971.8	-5.7	-5.2	-4.9	-12.3	56.	2.1270	1.7674	1.2676	241.0	4.8
174.	969.8	-6.7	-6.2	-5.7	-12.8	58.	2.0917	1.6829	1.2628	240.0	4.8
236.	967.1	-7.7	-7.2	-6.4	-13.4	60.	1.9172	1.5999	1.2588	239.0	4.8
282.	965.2	-8.7	-8.1	-7.7	-13.4	64.	1.8446	1.5412	1.2546	239.0	4.8
340.	964.1	-9.7	-9.1	-8.7	-14.1	67.	1.7967	1.5021	1.2493	239.0	4.8
397.	963.1	-10.7	-10.1	-9.7	-14.7	70.	1.7710	1.4764	1.2457	239.0	4.8
454.	962.2	-11.7	-11.1	-10.7	-15.1	73.	1.6613	1.3788	1.2384	239.0	4.7
510.	961.4	-11.8	-11.1	-10.4	-15.4	71.	1.6533	1.3439	1.2312	239.0	4.6
566.	960.4	-12.1	-11.4	-10.8	-15.5	73.	1.5785	1.3278	1.2242	239.0	4.5
625.	959.3	-12.6	-11.9	-11.4	-15.7	75.	1.5551	1.3048	1.2171	239.0	4.4
681.	958.3	-13.0	-12.3	-11.8	-16.1	75.	1.4941	1.2602	1.2089	239.0	4.3
745.	957.4	-13.5	-12.8	-12.2	-16.8	74.	1.4292	1.1913	1.2025	239.0	4.2
801.	956.6	-13.9	-13.2	-12.6	-17.2	74.	1.3788	1.1502	1.1955	239.0	4.1
860.	955.7	-14.4	-13.7	-13.1	-17.5	75.	1.3353	1.1143	1.1882	239.0	4.0
922.	954.7	-14.9	-14.2	-13.7	-17.8	74.	1.2726	1.0822	1.1810	239.0	4.0
985.	953.7	-15.3	-14.6	-14.1	-18.1	77.	1.2426	1.0556	1.1733	239.0	4.0
1042.	952.9	-15.7	-14.9	-14.5	-18.5	77.	1.1976	1.0190	1.1659	239.0	4.0
1096.	952.4	-16.0	-15.2	-14.8	-18.8	77.	1.1647	0.9921	1.1584	239.0	4.0
1154.	951.8	-16.3	-15.5	-15.1	-19.1	77.	1.1324	0.9659	1.1514	239.0	4.0
1211.	951.3	-16.6	-15.8	-15.4	-19.4	77.	1.1014	0.9406	1.1449	239.0	4.0
1267.	950.5	-17.0	-16.1	-15.7	-19.6	77.	1.0714	0.9236	1.1380	239.0	4.0
1323.	949.8	-17.3	-16.4	-15.9	-20.1	76.	1.0276	0.8798	1.1313	239.0	4.0
1380.	949.1	-17.6	-16.6	-16.2	-20.6	75.	0.9966	0.8538	1.1248	239.0	4.0
1442.	948.4	-18.0	-16.9	-16.5	-21.1	75.	0.9669	0.8289	1.1176	239.0	4.0
1496.	947.9	-18.3	-17.2	-16.8	-21.5	75.	0.9385	0.8049	1.1109	239.0	4.0
1558.	947.3	-18.7	-17.5	-17.1	-21.6	76.	0.9167	0.7865	1.1049	239.0	4.0
1612.	946.8	-19.0	-17.8	-17.4	-21.4	64.	0.7847	0.7804	1.0924	239.0	4.0
1668.	946.3	-19.3	-18.1	-17.7	-22.5	63.	0.7655	0.7657	1.0806	239.0	4.0
1726.	945.8	-19.6	-18.4	-18.0	-24.6	42.	0.5791	0.5747	1.0716	239.0	4.0
1774.	945.4	-19.8	-18.6	-18.2	-27.2	32.	0.4518	0.4526	1.0623	239.0	4.0
1829.	944.8	-20.1	-18.9	-18.5	-30.6	22.	0.3333	0.3281	1.0548	239.0	4.1
1885.	944.4	-20.4	-19.2	-18.8	-32.2	20.	0.2853	0.2807	1.0471	239.0	4.4
1941.	943.9	-20.7	-19.5	-19.1	-29.7	41.	0.5274	0.5232	1.0392	239.0	4.5
2007.	943.4	-21.0	-19.8	-19.4	-26.6	64.	0.8435	0.8775	1.0237	239.0	4.6
2069.	942.9	-21.3	-20.1	-19.7	-26.7	64.	0.8334	0.8691	1.0165	239.0	4.7
2126.	942.5	-21.6	-20.4	-20.0	-26.9	64.	0.8237	0.8608	1.0092	239.0	4.7
2182.	942.0	-21.9	-20.7	-20.3	-27.4	64.	0.8052	0.8425	1.0022	239.0	4.7
2241.	941.5	-22.2	-21.0	-20.6	-28.9	58.	0.7273	0.7598	0.9942	239.0	4.7
2302.	941.0	-22.5	-21.3	-20.9	-31.7	41.	0.5204	0.5437	0.9861	239.0	4.7
2360.	940.4	-22.8	-21.6	-21.2	-34.6	28.	0.3532	0.3688	0.9777	239.0	4.7
2419.	939.8	-23.1	-21.9	-21.5	-36.1	24.	0.2917	0.3048	0.9694	239.0	4.8
2476.	939.3	-23.4	-22.2	-21.8	-36.8	23.	0.2658	0.2778	0.9620	239.0	4.8
2536.	938.7	-23.7	-22.5	-22.1	-36.9	23.	0.2586	0.2702	0.9555	239.0	4.8
2589.	938.2	-24.0	-22.8	-22.4	-36.7	23.	0.2646	0.2765	0.9484	239.0	4.8
2647.	937.6	-24.3	-23.1	-22.7	-37.6	23.	0.2478	0.2589	0.9418	239.0	4.8
2705.	937.0	-24.6	-23.4	-23.0	-38.8	23.	0.2377	0.2484	0.9360	239.0	4.8
2763.	936.5	-24.9	-23.7	-23.3	-40.1	23.	0.2296	0.2399	0.9296	239.0	4.8
2821.	935.9	-25.2	-24.1	-23.6	-41.2	23.	0.2224	0.2324	0.9234	239.0	4.8
2878.	935.3	-25.5	-24.4	-23.9	-42.5	23.	0.2173	0.2270	0.9168	239.0	4.8
2935.	934.8	-25.8	-24.7	-24.2	-42.7	23.	0.2046	0.2137	0.9109	239.0	4.8
2989.	934.4	-26.1	-25.0	-24.5	-44.3	23.	0.1981	0.2069	0.9054	239.0	4.8
3041.	933.9	-26.4	-25.3	-24.8	-46.0	23.	0.1925	0.2011	0.8998	239.0	4.8
3093.	933.5	-26.7	-25.6	-25.1	-46.1	23.	0.1921	0.2007	0.8946	239.0	4.8
3149.	933.0	-27.0	-25.9	-25.4	-50.6	23.	0.1865	0.1948	0.8889	239.0	4.8
3204.	932.5	-27.3	-26.2	-25.7	-50.9	23.	0.1855	0.1938	0.8834	239.0	4.8
3261.	932.0	-27.6	-26.5	-26.0	-51.1	23.	0.1845	0.1927	0.8778	239.0	4.8
3315.	931.5	-27.9	-26.8	-26.3	-51.4	23.	0.1832	0.1914	0.8727	239.0	4.8
3370.	931.2	-28.2	-27.1	-26.6	-49.3	24.	0.1870	0.1953	0.8673	239.0	4.8
3428.	930.7	-28.5	-27.4	-26.9	-49.6	24.	0.1841	0.1923	0.8619	239.0	4.8
3485.	930.2	-28.8	-27.7	-27.2	-49.9	24.	0.1813	0.1894	0.8564	239.0	4.8
3543.	929.8	-29.1	-28.0	-27.5	-50.3	24.	0.1784	0.1864	0.8508	239.0	4.8
3599.	929.3	-29.4	-28.3	-27.8	-50.6	24.	0.1756	0.1835	0.8455	239.0	4.8
3658.	928.8	-29.7	-28.6	-28.1	-50.9	24.	0.1727	0.1805	0.8399	239.0	4.8
3716.	928.3	-30.0	-28.9	-28.4	-51.2	24.	0.1699	0.1775	0.8345	239.0	4.8
3774.	927.8	-30.3	-29.2	-28.7	-51.5	24.	0.1671	0.1746	0.8291	239.0	4.8
3832.	927.3	-30.6	-29.5	-29.0	-51.8	24.	0.1643	0.1717	0.8237	239.0	4.8
3890.	926.8	-30.9	-29.8	-29.3	-52.1	24.	0.1615	0.1688	0.8183	239.0	4.8
3948.	926.3	-31.2	-30.1	-29.6	-52.4	24.	0.1588	0.1659	0.8129	239.0	4.8
4006.	925.8	-31.5	-30.4	-29.9	-52.7	24.	0.1560	0.1630	0.8075	239.0	4.8
4064.	925.3	-31.8	-30.7	-30.2	-53.0	24.	0.1533	0.1602	0.8021	239.0	4.8
4123.	924.8	-32.1	-31.0	-30.5	-53.3	24.	0.1506	0.1574	0.7967	239.0	4.8
4181.	924.3	-32.4	-31.3	-30.8	-53.6	24.	0.1479	0.1546	0.7914	239.0	4.8
4240.	923.8	-32.7	-31.6	-31.1	-53.9	24.	0.1452	0.1518	0.7860	239.0	4.8
4298.	923.3	-33.0	-31.9	-31.4	-54.2	24.	0.1426	0.1490	0.7807	239.0	4.8
4357.	922.8	-33.3	-32.2	-31.7	-54.5	24.	0.1399	0.1462	0.7753	239.0	4.8
4416.	922.3	-33.6	-32.5	-32.0	-54.8	24.	0.1373	0.1435	0.7700	239.0	4.8
4475.	921.8	-33.9	-32.8	-32.3	-55.1	24.	0.1347	0.1408	0.7647	239.0	4.8
4534.	921.3	-34.2	-33.1	-32.6	-55.4	24.	0.1321	0.1381	0.7594	239.0	4.8
4593.	920.8	-34.5	-33.4	-32.9	-55.7	24.	0.1295	0.1354	0.7541	239.0	4.8
4652.	920.3	-34.8	-33.7	-33.2	-56.0	24.	0.1270	0.1327	0.7488	239.0	4.8
4711.	919.8	-35.1	-34.0	-33.5	-56.3	24.	0.1244	0.1300	0.7436	239.0	4.8
4770.	919.3	-35.4	-34.3	-33.8	-56.6	24.	0.1219	0.1274	0.7383	239.0	4.8
4830.	918.8	-35.7	-34.6	-34.1	-56.9	24.	0.1194	0.1248	0.7331	239.0	4.8
4890.	918.3	-36.0	-34.9	-34.4	-57.2	24.	0.1169	0.1222	0.7279	239.0	4.8
4950.	917.8	-36.3	-35.2	-34.7	-57.5	24.	0.1144	0.1196	0.7227	239.0	4.8
5010.	917.3	-36.6	-35.5	-35.0	-57.8	24.	0.1120	0.1170	0.7175	239.0	4.8
5069.	916.8	-36.9	-35.8	-35.3	-58.1	24.	0.1095	0.1145	0.7123	239.0	4.8
5129.	916.3	-37.2	-36.1	-35.6	-58.4	24.	0.1071	0.1119	0.7071	239.0	4.8
5189.	915.8	-37.5	-36.4	-35.9	-58.7	24.	0.1047	0.1094	0.7019	239.0	4.8
5249.	915.3	-37.8	-36.7	-36.2	-59.0	24.	0.1023	0.1069	0.6967	239.0	4.8
5309.	914.8	-38.1	-37.0	-36.5	-59.3	24.	0.0999	0.1044	0.6916	239.0	4.8
5369.	914.3	-38.4	-37.3	-36.8	-59.6	24.	0.0975	0.1019	0.6864	239.0	4.8
5429.	913.8	-38.7	-37.6	-37.1	-59.9	24.	0.0952	0.0994	0.6813	239.0	4.8
5490.	913.3	-39.0	-37.9	-37.4	-60.2	24.	0.0928	0.0970	0.6761	239.0	4.8
5550.	912.8	-39.3	-38.2	-37.7	-60.5	24.	0.0905	0.0945	0.6710	239.0	4.8
5611.	912.3	-39.6	-38.5	-38.0	-60.8	24.	0.0882	0.0921	0.6659	239.0	4.8
5672.	911.8	-39.9	-38.8	-38.3	-61.1	24.	0.0859	0.0897	0.6608	239.0	4.8
5733.	911.3	-40.2	-39.1	-38.6	-61.4	24.	0.0836	0.0873	0.6557	239.0	4.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5792.	452.7	-35.6	25.1	25.1	-51.3	16.	0.0036	0.0328	0.6610	240.0	14.2
5948.	447.1	-36.2	25.4	25.4	-51.8	16.	0.0032	0.0319	0.6565	244.0	14.2
5952.	443.6	-36.2	25.7	25.7	-52.3	16.	0.0029	0.0289	0.6522	245.0	14.3
5956.	440.2	-36.7	25.7	25.8	-53.3	14.	0.0026	0.0257	0.6486	247.0	14.3
6008.	436.9	-37.2	25.8	25.8	-54.3	13.	0.0023	0.0227	0.6451	247.0	14.3
6057.	433.4	-37.2	25.8	25.8	-55.3	12.	0.0022	0.0201	0.6416	246.0	14.3
6111.	430.4	-37.2	25.8	25.8	-56.7	12.	0.0019	0.0191	0.6379	246.0	14.4
6168.	426.8	-38.2	26.1	26.1	-56.7	11.	0.0016	0.0168	0.6336	246.0	14.4
6223.	423.4	-39.2	26.4	26.4	-57.4	10.	0.0014	0.0145	0.6299	245.0	14.6
6277.	420.1	-39.4	26.6	26.6	-58.2	10.	0.0013	0.0139	0.6261	245.0	14.6
6329.	416.9	-39.7	26.4	26.4	-57.5	11.	0.0014	0.0146	0.6224	245.0	14.7
6377.	414.0	-40.1	26.5	26.5	-57.5	12.	0.0015	0.0152	0.6191	245.0	14.8
6426.	411.0	-40.5	26.6	26.6	-58.5	11.	0.0013	0.0134	0.6157	245.0	14.9
6476.	408.0	-40.7	26.6	26.6	-58.8	11.	0.0012	0.0129	0.6120	245.0	15.0
6529.	404.8	-41.0	26.7	26.7	-59.4	10.	0.0011	0.0113	0.6082	245.0	15.2
6585.	401.6	-41.3	26.7	26.7	-60.2	10.	0.0010	0.0107	0.6046	245.0	15.3
6639.	398.5	-42.1	26.7	26.7	-61.4	9.	0.0009	0.0091	0.6011	245.0	15.5
6696.	395.3	-42.7	26.7	26.7	-62.6	8.	0.0008	0.0078	0.5976	245.0	15.6
6756.	392.4	-43.1	26.7	26.7	-63.3	8.	0.0007	0.0074	0.5942	245.0	15.8
6781.	389.4	-43.7	26.6	26.6	-64.4	7.	0.0006	0.0061	0.5912	245.0	16.0
6846.	386.2	-44.2	26.6	26.6	-64.8	7.	0.0006	0.0058	0.5876	245.0	16.1
6900.	383.2	-44.7	26.6	26.6	-65.2	7.	0.0005	0.0055	0.5837	245.0	16.2
6966.	379.7	-45.2	26.6	26.6	-65.6	7.	0.0005	0.0052	0.5803	246.0	16.4
7011.	376.8	-45.6	26.6	26.6	-66.0	7.	0.0004	0.0049	0.5769	246.0	16.4
7062.	373.4	-46.1	26.7	26.7	-67.4	6.	0.0004	0.0041	0.5734	247.0	16.5
7114.	371.0	-46.4	26.7	26.7	-68.0	5.	0.0003	0.0032	0.5702	248.0	16.6
7166.	368.1	-46.9	26.8	26.8	-69.3	5.	0.0003	0.0031	0.5668	248.0	16.7
7211.	365.6	-47.3	26.8	26.8	-69.7	5.	0.0002	0.0029	0.5639	248.0	16.8
7256.	363.0	-47.8	26.9	26.9	-71.6	4.	0.0002	0.0022	0.5612	250.0	16.9
7300.	360.4	-48.2	26.9	26.9	-71.5	4.	0.0002	0.0021	0.5581	250.0	17.0
7352.	357.6	-48.6	26.9	26.9	-72.2	4.	0.0002	0.0020	0.5551	251.0	17.1
7402.	355.1	-49.1	27.1	27.1	-72.5	4.	0.0001	0.0019	0.5519	252.0	17.2
7450.	352.5	-49.4	27.2	27.2	-74.7	3.	0.0001	0.0014	0.5488	252.0	17.2
7501.	349.8	-49.8	27.3	27.3	-77.6	2.	0.0000	0.0009	0.5456	253.0	17.3
7551.	347.1	-50.1	27.3	27.3	-77.6	2.	0.0000	0.0009	0.5421	253.0	17.3
7604.	344.3	-50.6	27.4	27.4	-78.1	2.	0.0000	0.0008	0.5387	254.0	17.4
7655.	341.6	-50.9	27.5	27.5	-82.6	1.	0.0000	0.0004	0.5354	254.0	17.4
7705.	339.0	-51.3	27.5	27.5	-82.5	1.	0.0000	0.0004	0.5323	254.0	17.4
7755.	336.4	-51.6	27.6	27.6	-83.1	1.	0.0000	0.0004	0.5289	255.0	17.4
7805.	333.8	-52.0	27.6	27.6	-83.4	1.	0.0000	0.0004	0.5258	255.0	17.4
7856.	331.2	-52.4	27.7	27.7	-83.7	1.	0.0000	0.0003	0.5223	255.0	17.4
7914.	328.2	-52.9	27.8	27.8	-84.1	1.	0.0000	0.0003	0.5191	255.0	17.5
7971.	325.3	-53.3	27.9	27.9	-84.4	1.	0.0000	0.0003	0.5154	255.0	17.5
8027.	322.5	-53.7	28.0	28.0	-84.6	1.	0.0000	0.0003	0.5119	255.0	17.5
8082.	319.7	-54.1	28.0	28.0	-84.9	1.	0.0000	0.0003	0.5084	255.0	17.5
8139.	316.9	-54.7	28.2	28.2	-85.4	1.	0.0000	0.0003	0.5054	255.0	17.5
8193.	314.2	-55.1	28.3	28.3	-85.6	1.	0.0000	0.0002	0.5022	255.0	17.5
8249.	311.5	-55.7	28.4	28.4	-86.1	1.	0.0000	0.0002	0.4990	255.0	17.6
8303.	308.8	-56.2	28.4	28.4	-86.5	1.	0.0000	0.0002	0.4958	255.0	17.6
8355.	306.4	-56.6	28.4	28.4	-86.8	1.	0.0000	0.0002	0.4929	255.0	17.6
8401.	304.1	-56.9	28.7	28.7	-87.0	1.	0.0000	0.0002	0.4899	255.0	17.6
8446.	301.9	-57.2	28.7	28.7	-87.3	1.	0.0000	0.0002	0.4872	255.0	17.7
8495.	299.6	-57.7	28.8	28.8	-87.6	1.	0.0000	0.0002	0.4844	255.0	17.8
8541.	297.4	-58.0	28.9	28.9	-87.8	1.	0.0000	0.0002	0.4815	255.0	17.8
8588.	295.2	-58.4	29.1	29.1	-88.1	1.	0.0000	0.0002	0.4789	255.0	18.0
8632.	293.1	-58.8	29.1	29.1	-88.4	1.	0.0000	0.0001	0.4763	255.0	18.0
8677.	291.0	-59.2	29.2	29.2	-88.7	1.	0.0000	0.0001	0.4738	255.0	18.1
8723.	288.9	-59.6	29.3	29.3	-88.9	1.	0.0000	0.0001	0.4713	255.0	18.2
8769.	286.9	-59.9	29.4	29.4	-89.2	1.	0.0000	0.0001	0.4688	255.0	18.2
8817.	284.8	-60.1	29.8	29.8	-89.4	1.	0.0000	0.0001	0.4660	255.0	18.2
8851.	283.3	-60.5	29.8	29.8	-89.7	1.	0.0000	0.0001	0.4636	255.0	18.2
8895.	281.3	-60.8	29.9	29.9	-89.9	1.	0.0000	0.0001	0.4610	255.0	18.2
8942.	279.3	-61.1	30.0	30.0	-90.1	1.	0.0000	0.0001	0.4583	255.0	18.2
8984.	277.5	-61.3	30.0	30.0	-90.3	1.	0.0000	0.0001	0.4555	255.0	18.2
9024.	275.8	-61.7	30.0	30.0	-90.6	1.	0.0000	0.0001	0.4531	255.0	18.2
9074.	273.5	-62.3	30.1	30.1	-91.0	1.	0.0000	0.0001	0.4510	255.0	18.2
9122.	271.9	-62.6	30.2	30.2	-91.2	1.	0.0000	0.0001	0.4482	255.0	18.2
9167.	270.0	-63.1	30.3	30.3	-91.6	1.	0.0000	0.0001	0.4460	256.0	18.2
9208.	268.1	-63.3	30.4	30.4	-91.8	1.	0.0000	0.0001	0.4434	256.0	18.3
9254.	266.1	-63.8	30.5	30.5	-91.9	1.	0.0000	0.0001	0.4405	256.0	18.3
9303.	263.9	-63.8	30.4	30.4	-92.1	1.	0.0000	0.0001	0.4376	257.0	18.4
9348.	261.1	-64.1	30.5	30.5	-92.4	1.	0.0000	0.0001	0.4351	257.0	18.5
9392.	259.2	-64.4	30.7	30.7	-92.6	1.	0.0000	0.0001	0.4326	257.0	18.6
9435.	257.4	-64.6	30.1	30.1	-92.7	1.	0.0000	0.0001	0.4300	258.0	18.7
9486.	255.5	-64.8	30.5	30.5	-92.9	1.	0.0000	0.0001	0.4272	258.0	18.8
9523.	253.7	-65.2	30.5	30.5	-93.2	1.	0.0000	0.0001	0.4250	258.0	19.0
9568.	251.8	-65.5	30.7	30.7	-93.4	1.	0.0000	0.0001	0.4224	259.0	19.1
9612.	250.0	-65.7	30.1	30.1	-93.6	1.	0.0000	0.0001	0.4198	258.0	19.3
9661.	248.0	-66.1	30.2	30.2	-93.9	1.	0.0000	0.0001	0.4173	259.0	19.4
9707.	246.1	-66.4	30.4	30.4	-94.1	1.	0.0000	0.0001	0.4147	259.0	19.5
9754.	244.2	-66.6	30.8	30.8	-94.2	1.	0.0000	0.0001	0.4119	259.0	19.7
9804.	242.2	-66.9	30.1	30.1	-94.5	1.	0.0000	0.0000	0.4091	259.0	19.7
9846.	240.4	-67.2	30.3	30.3	-94.7	1.	0.0000	0.0000	0.4066	259.0	19.8
9897.	238.4	-67.6	30.4	30.4	-95.0	1.	0.0000	0.0000	0.4040	259.0	19.9
9949.	236.4	-67.9	37.2	37.2	-95.2	1.	0.0000	0.0000	0.4006	259.0	20.0
10000.	234.4	-67.7	37.0	37.0	-95.1	1.	0.0000	0.0000	0.3974	260.0	20.0
10052.	232.4	-67.8	38.4	38.4	-95.1	1.	0.0000	0.0000	0.3942	261.0	20.1
10104.	230.4	-68.2	38.9	38.9	-95.4	1.	0.0000	0.0000	0.3912	260.0	20.2
10153.	228.6	-68.2	39.1	39.1	-95.5	1.	0.0000	0.0000	0.3886	260.0	20.3
10205.	226.4	-68.6	39.5	39.5	-95.7	1.	0.0000	0.0000	0.3856	260.0	20.3
10252.	224.4	-68.8	39.8	39.8	-96.0	1.	0.0000	0.0000	0.3827	260.0	20.4
10312.	222.0	-69.1	40.3	40.3	-96.1	1.	0.0000	0.0000	0.3799	260.0	20.4
10366.	220.0	-69.3	40.8	40.8	-96.3	1.	0.0000	0.0000	0.3768	260.0	20.5
10421.	217.9	-69.4	41.5	41.5	-96.3	1.	0.0000	0.0000	0.3736	260.0	20.6
10473.	216.6	-69.5	42.1	42.1	-96.4	1.	0.0000	0.0000	0.3705	260.0	20.7
10524.	214.8	-69.7	42.7	42.7	-96.5	1.	0.0000	0.0000	0.3676	261.0	20.8
10567.	213.1	-69.8	43.1	43.1	-96.6	1.	0.0000	0.0000	0.3651	261.0	20.8
10617.	211.4	-69.9	43.7	43.7	-96.7	1.	0.0000	0.0000	0.3623	261.0	21.0
10665.	209.7	-69.9	45.0	45.0	-96.4	1.	0.0000	0.0000	0.3587	261.0	21.1
10711.	208.1	-69.1	46.7	46.7	-96.1	1.	0.0000	0.0000	0.3553	262.0	21.3
10757.	206.5	-69.3	46.7	46.7	-96.3	1.	0.0000	0.0000	0.3529	261.0	21.5
10803.	204.9	-69.4	47.3	47.3	-96.3	1.	0.0000	0.0000	0.3503	262.0	21.8
10847.	203.4	-69.5	47.8	47.8	-96.4	1.	0.0000	0.0000	0.3479	263.0	21.9
10888.	202.0	-69.5	48.4	48.4	-96.4	1.	0.0000	0.0000	0.3455	263.0	22.2
10932.	200.5	-69.6	49.0	49.0	-96.5	1.	0.0000	0.0000	0.3431	263.0	22.5
10974.	199.1	-69.6	49.6	49.6	-96.5	1.	0.0000	0.0000	0.3407	264.0	22.8
11013.	197.8	-69.1	51.3	51.3	-96.1	1.	0.0000	0.0000	0.3377	265.0	23.1
11052.	196.5	-68.6	52.4	52.4	-95.7	1.	0.0000	0.0000	0.3347	265.0	23.4
11095.	195.1	-68.2	54.0	54.0	-95.3	1.	0.0000	0.0000	0.3313	266.0	23.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11138.	193.7	-67.6	55.3	55.3	-95.0	1.	0.0000	0.0000	0.3283	266.0	24.0
11182.	192.3	-67.2	56.7	56.7	-94.7	1.	0.0000	0.0000	0.3253	267.0	24.4
11223.	191.0	-67.0	57.6	57.6	-94.5	1.	0.0000	0.0000	0.3228	267.0	24.7
11267.	189.6	-67.0	58.3	58.3	-94.5	1.	0.0000	0.0000	0.3204	267.0	25.1
11312.	188.2	-66.9	59.2	59.2	-94.5	1.	0.0000	0.0000	0.3179	268.0	25.5
11360.	186.7	-66.8	60.1	60.1	-94.4	1.	0.0000	0.0001	0.3152	268.0	25.9
11409.	185.2	-66.7	61.0	61.0	-94.3	1.	0.0000	0.0001	0.3125	269.0	26.2
11456.	183.7	-66.2	62.6	62.6	-93.9	1.	0.0000	0.0001	0.3092	269.0	26.5
11511.	182.1	-66.0	63.8	63.8	-93.8	1.	0.0000	0.0001	0.3062	269.0	26.8
11561.	180.6	-65.9	64.8	64.8	-93.7	1.	0.0000	0.0001	0.3036	270.0	27.0
11612.	179.1	-65.9	65.6	65.6	-93.7	1.	0.0000	0.0001	0.3010	270.0	27.3
11663.	177.6	-65.9	66.4	66.4	-93.7	1.	0.0000	0.0001	0.2985	270.0	27.5
11711.	176.2	-65.9	67.1	67.1	-93.7	1.	0.0000	0.0001	0.2962	270.0	27.6
11762.	174.7	-65.6	68.1	68.1	-93.6	1.	0.0000	0.0001	0.2935	270.0	27.7
11815.	173.2	-65.6	69.3	69.3	-93.5	1.	0.0000	0.0001	0.2907	270.0	27.8
11867.	171.7	-65.5	70.3	70.3	-93.4	1.	0.0001	0.0001	0.2880	270.0	27.9
11917.	170.3	-65.4	71.3	71.3	-93.3	1.	0.0001	0.0001	0.2856	270.0	28.0
11967.	168.9	-65.3	72.3	72.3	-93.3	1.	0.0001	0.0001	0.2831	270.0	28.0
12021.	167.4	-65.2	73.3	73.3	-93.2	1.	0.0001	0.0001	0.2804	269.0	28.1
12072.	166.0	-65.2	74.5	74.5	-93.2	1.	0.0001	0.0001	0.2778	269.0	28.1
12124.	164.6	-65.0	75.3	75.3	-93.0	1.	0.0001	0.0001	0.2755	269.0	28.2
12172.	163.3	-65.2	75.8	75.8	-93.2	1.	0.0001	0.0001	0.2736	269.0	28.2
12217.	162.1	-65.3	76.4	76.4	-93.3	1.	0.0001	0.0001	0.2717	268.0	28.2
12262.	160.9	-65.3	77.1	77.1	-93.3	1.	0.0001	0.0001	0.2697	268.0	28.3
12304.	159.8	-65.2	78.0	78.0	-93.2	1.	0.0001	0.0001	0.2677	268.0	28.5
12350.	158.6	-65.1	78.9	78.9	-93.1	1.	0.0001	0.0001	0.2656	268.0	28.6
12396.	157.4	-65.0	79.6	79.6	-93.0	1.	0.0001	0.0001	0.2634	268.0	28.7
12439.	156.3	-64.8	80.5	80.5	-92.9	1.	0.0001	0.0001	0.2613	268.0	28.9
12486.	155.1	-64.7	81.6	81.6	-92.8	1.	0.0001	0.0001	0.2592	268.0	29.1
12533.	153.9	-64.6	82.8	82.8	-92.7	1.	0.0001	0.0001	0.2571	268.0	29.2
12577.	152.8	-64.4	83.8	83.8	-92.6	1.	0.0001	0.0001	0.2550	269.0	29.4
12621.	151.7	-64.2	84.9	84.9	-92.4	1.	0.0001	0.0001	0.2529	269.0	29.6
12666.	150.6	-64.0	86.0	86.0	-92.3	1.	0.0001	0.0001	0.2508	269.0	29.7
12711.	149.5	-63.9	87.1	87.1	-92.1	1.	0.0001	0.0001	0.2488	269.0	29.9
12756.	148.4	-63.8	87.9	87.9	-92.1	1.	0.0001	0.0001	0.2469	270.0	30.1
12801.	147.3	-63.9	88.9	86.9	-92.2	1.	0.0001	0.0001	0.2452	270.0	30.2
12847.	146.2	-64.0	89.1	89.1	-92.3	1.	0.0001	0.0001	0.2435	270.0	30.3
12897.	145.0	-63.9	90.1	90.1	-92.2	1.	0.0001	0.0001	0.2414	270.0	30.4
12948.	143.9	-63.8	91.1	91.1	-92.1	1.	0.0001	0.0001	0.2393	270.0	30.5
12999.	142.6	-63.8	92.2	92.2	-92.1	1.	0.0001	0.0001	0.2373	270.0	30.6
13051.	141.4	-63.8	92.7	92.7	-92.2	1.	0.0001	0.0001	0.2354	270.0	30.7
13103.	140.2	-63.9	93.6	93.6	-92.2	1.	0.0001	0.0001	0.2334	270.0	30.8
13156.	139.0	-63.8	94.7	94.7	-92.1	1.	0.0001	0.0001	0.2313	270.0	30.9
13204.	137.9	-63.7	95.7	95.7	-92.1	1.	0.0001	0.0001	0.2294	270.0	31.0
13256.	136.7	-63.7	96.6	96.6	-92.1	1.	0.0001	0.0001	0.2274	270.0	31.1
13307.	135.6	-63.7	97.5	97.5	-92.1	1.	0.0001	0.0001	0.2255	270.0	31.2
13357.	134.5	-63.6	98.5	98.5	-92.0	1.	0.0001	0.0001	0.2236	270.0	31.3
13409.	133.5	-63.5	99.5	99.5	-91.9	1.	0.0001	0.0001	0.2218	270.0	31.4
13449.	132.5	-63.3	100.6	100.6	-91.8	1.	0.0001	0.0001	0.2200	270.0	32.0
13500.	131.4	-63.2	101.7	101.7	-91.7	1.	0.0001	0.0001	0.2180	270.0	32.3
13547.	130.4	-63.2	102.5	102.5	-91.7	1.	0.0001	0.0001	0.2164	270.0	32.6
13594.	129.4	-63.2	103.4	103.4	-91.7	1.	0.0001	0.0001	0.2148	270.0	33.0
13637.	128.5	-63.3	104.0	103.9	-91.8	1.	0.0001	0.0001	0.2133	270.0	33.3
13680.	127.5	-63.4	104.9	104.9	-91.7	1.	0.0001	0.0001	0.2116	269.0	33.7
13726.	126.6	-63.2	105.7	105.7	-91.7	1.	0.0001	0.0001	0.2101	268.0	34.0
13772.	125.7	-63.1	106.7	106.7	-91.6	1.	0.0001	0.0001	0.2085	268.0	34.3
13816.	124.8	-62.9	107.8	107.8	-91.5	1.	0.0001	0.0001	0.2068	268.0	34.7
13860.	123.9	-62.7	108.8	108.8	-91.3	1.	0.0001	0.0001	0.2049	268.0	34.9
13911.	122.9	-62.5	110.0	110.0	-91.2	1.	0.0001	0.0001	0.2031	268.0	35.1
13956.	122.0	-62.5	111.0	111.0	-91.2	1.	0.0001	0.0001	0.2018	268.0	35.3
14002.	121.1	-62.7	111.9	111.9	-91.3	1.	0.0001	0.0001	0.2005	268.0	35.4
14044.	120.2	-62.8	112.1	112.1	-91.4	1.	0.0001	0.0001	0.1991	268.0	35.5
14094.	119.3	-62.9	112.9	112.9	-91.4	1.	0.0001	0.0001	0.1976	267.0	35.6
14146.	118.3	-62.8	113.9	113.9	-91.4	1.	0.0001	0.0001	0.1959	268.0	35.6
14195.	117.4	-62.8	114.7	114.7	-91.4	1.	0.0001	0.0001	0.1944	268.0	35.6
14245.	116.5	-62.8	115.6	115.6	-91.4	1.	0.0001	0.0001	0.1929	268.0	35.6
14296.	115.6	-62.8	116.4	116.4	-91.4	1.	0.0001	0.0001	0.1914	269.0	35.5
14336.	114.7	-62.8	117.3	117.3	-91.4	1.	0.0001	0.0001	0.1900	269.0	35.4
14387.	113.7	-62.9	118.1	118.1	-91.5	1.	0.0001	0.0001	0.1884	269.0	35.3
14436.	112.8	-62.6	119.0	119.0	-91.2	1.	0.0001	0.0001	0.1866	270.0	35.2
14486.	111.9	-62.2	121.0	121.0	-90.9	1.	0.0001	0.0001	0.1849	270.0	35.0
14537.	111.0	-62.1	122.0	122.0	-90.8	1.	0.0001	0.0001	0.1832	270.0	34.9
14588.	110.1	-62.0	123.4	123.4	-90.8	1.	0.0001	0.0001	0.1816	270.0	34.8
14633.	109.3	-61.9	124.6	124.6	-90.8	1.	0.0001	0.0001	0.1802	270.0	34.8
14678.	108.5	-61.8	126.0	126.0	-90.8	1.	0.0001	0.0001	0.1786	270.0	34.7
14730.	107.6	-61.8	127.3	127.3	-90.8	1.	0.0001	0.0001	0.1769	270.0	34.6
14774.	106.7	-61.8	128.5	128.5	-90.8	1.	0.0001	0.0001	0.1752	270.0	34.7
14824.	105.9	-60.7	130.3	130.3	-89.9	1.	0.0001	0.0001	0.1736	270.0	34.8
14881.	105.0	-60.4	131.0	131.0	-89.7	1.	0.0001	0.0001	0.1720	271.0	34.9
14927.	104.2	-60.5	132.0	132.0	-89.8	1.	0.0001	0.0001	0.1707	271.0	35.0
14977.	103.4	-60.4	133.6	133.6	-89.8	1.	0.0001	0.0001	0.1693	271.0	35.2
15026.	102.6	-60.5	134.5	134.5	-89.7	1.	0.0001	0.0001	0.1681	271.0	35.3
15081.	101.7	-60.5	135.4	135.4	-89.7	1.	0.0001	0.0001	0.1666	271.0	35.5
15128.	100.9	-60.6	136.1	136.1	-89.8	1.	0.0001	0.0001	0.1654	271.0	35.7
15180.	100.0	-60.5	137.1	137.1	-89.8	1.	0.0001	0.0001	0.1639	271.0	35.9
15235.	99.2	-60.6	138.1	138.1	-89.8	1.	0.0001	0.0001	0.1626	271.0	36.1
15285.	98.4	-60.6	139.2	139.2	-89.7	1.	0.0001	0.0001	0.1612	271.0	36.3
15336.	97.5	-60.6	140.1	140.1	-89.8	1.	0.0001	0.0001	0.1598	271.0	36.5
15386.	96.6	-60.7	141.0	141.0	-89.8	1.	0.0001	0.0001	0.1584	270.0	36.7
15441.	95.6	-60.9	141.9	141.9	-89.9	1.	0.0001	0.0001	0.1572	270.0	36.8
15503.	94.6	-61.1	142.8	142.8	-90.1	1.	0.0001	0.0001	0.1561	270.0	36.9
15556.	93.6	-61.2	143.7	143.7	-90.2	1.	0.0001	0.0001	0.1548	270.0	37.1
15604.	92.8	-61.4	144.5	144.5	-90.4	1.	0.0001	0.0001	0.1537	270.0	37.2
15660.	91.8	-61.7	144.1	144.1	-90.6	1.	0.0001	0.0001	0.1526	270.0	37.4
15715.	91.0	-61.8	145.0	145.0	-90.7	1.	0.0001	0.0001	0.1511	270.0	37.4
15763.	90.1	-61.9	145.9	145.9	-90.8	1.	0.0001	0.0001	0.1499	270.0	37.5
15817.	89.3	-61.9	147.0	147.0	-90.8	1.	0.0001	0.0001	0.1485	270.0	37.6
15866.	88.6	-61.9	147.9	147.9	-90.8	1.	0.0001	0.0001	0.1473	270.0	37.7
15921.	87.8	-61.9	148.8	148.8	-90.8	1.	0.0001	0.0001	0.1458	270.0	37.7
15977.	87.1	-62.0	149.6	149.6	-90.9	1.	0.0001	0.0001	0.1445	270.0	37.7
16027.	86.3	-62.0	150.4	150.4	-90.9	1.	0.0001	0.0001	0.1431	270.0	37.8
16077.	85.6	-62.0	151.3	151.3	-90.9	1.	0.0001	0.0001	0.1419	270.0	37.9
16130.	84.8	-62.0	152.1	152.1	-90.9	1.	0.0001	0.0001	0.1406	270.0	38.0
16180.	84.1	-62.0	152.9	152.9	-90.9	1.	0.0001	0.0001	0.1395	270.0	38.1
16237.	83.4	-62.0	153.7	153.7	-90.9	1.	0.0001	0.0001	0.1384	270.0	38.2
16287.	82.7	-62.0	154.5	154.5	-90.9	1.	0.0001	0.0001	0.1372	270.0	38.3
16341.	82.0	-62.0	155.3	155.3	-90.9	1.	0.0001	0.0001	0.1361	270.0	38.3
16404.	81.3	-62.0	156.1	156.1	-90.9	1.	0.0001	0.0001	0.1347	270.0	38.4
16454.	80.5	-62.0	156.9	156.9	-90.9	1.	0.0001	0.0001	0.1336	270.0	38.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
16508.	80.8	-60.5	163.1	163.1	-89.7	1.	0.0001	0.0001	0.1324	271.0	38.4
16554.	80.2	-60.4	164.2	164.2	-89.6	1.	0.0001	0.0001	0.1313	271.0	38.5
16600.	79.5	-60.2	165.7	165.7	-89.5	1.	0.0001	0.0001	0.1301	271.0	38.7
16664.	76.8	-60.0	167.3	167.3	-89.3	1.	0.0001	0.0001	0.1288	272.0	38.6
16711.	78.2	-60.0	168.2	168.2	-89.3	1.	0.0001	0.0001	0.1278	272.0	38.6
16767.	77.5	-59.9	169.6	169.6	-89.2	1.	0.0001	0.0001	0.1266	272.0	39.1
16824.	76.8	-59.8	170.8	170.8	-89.2	1.	0.0001	0.0001	0.1254	273.0	39.2
16873.	76.2	-59.8	171.9	171.9	-89.2	1.	0.0001	0.0001	0.1244	273.0	39.4
16922.	75.6	-59.8	172.9	172.9	-89.2	1.	0.0001	0.0001	0.1234	273.0	39.7
16980.	74.9	-59.7	174.3	174.3	-89.1	1.	0.0001	0.0001	0.1222	273.0	39.9
17039.	74.2	-59.5	175.9	175.9	-88.9	1.	0.0001	0.0001	0.1210	273.0	40.1
17089.	73.6	-59.2	177.6	177.6	-88.7	1.	0.0001	0.0001	0.1198	273.0	40.3
17141.	73.0	-59.4	178.3	178.3	-88.9	1.	0.0001	0.0001	0.1190	273.0	40.6
17201.	72.3	-59.6	179.1	179.1	-89.0	1.	0.0001	0.0001	0.1179	273.0	40.8
17253.	71.7	-59.7	179.9	179.9	-89.1	1.	0.0001	0.0001	0.1170	273.0	41.0
17314.	71.0	-59.8	181.0	181.0	-89.2	1.	0.0001	0.0001	0.1159	273.0	41.3
17367.	70.4	-59.8	182.1	182.1	-89.2	1.	0.0001	0.0001	0.1149	272.0	41.5
17420.	69.9	-59.9	183.0	183.0	-89.2	1.	0.0001	0.0001	0.1140	272.0	41.7
17465.	69.3	-60.0	183.7	183.7	-89.3	1.	0.0001	0.0001	0.1133	272.0	41.9
17517.	68.7	-60.1	184.6	184.6	-89.4	1.	0.0001	0.0001	0.1123	272.0	42.1
17574.	68.1	-60.1	185.6	185.6	-89.4	1.	0.0001	0.0001	0.1114	272.0	42.3
17629.	67.5	-60.2	187.2	187.2	-89.3	1.	0.0001	0.0001	0.1103	273.0	42.4
17694.	66.8	-59.4	188.8	188.8	-89.2	1.	0.0001	0.0001	0.1091	273.0	42.6
17750.	66.2	-59.5	190.2	190.2	-89.2	1.	0.0001	0.0001	0.1081	273.0	42.8
17798.	65.7	-59.6	191.6	191.6	-89.4	1.	0.0001	0.0001	0.1072	273.0	43.0
17855.	65.1	-59.4	193.3	193.3	-89.4	1.	0.0001	0.0001	0.1061	273.0	43.2
17913.	64.5	-59.4	194.5	194.5	-89.4	1.	0.0001	0.0001	0.1051	274.0	43.3
17961.	64.0	-59.6	195.1	195.1	-89.6	1.	0.0001	0.0001	0.1044	274.0	43.4
18020.	63.4	-59.4	196.8	196.8	-89.4	1.	0.0001	0.0001	0.1033	274.0	43.5
18080.	62.8	-59.4	198.1	198.1	-89.4	1.	0.0001	0.0001	0.1023	274.0	43.6
18129.	62.3	-59.5	198.9	198.9	-89.4	1.	0.0001	0.0001	0.1016	274.0	43.8
18190.	61.7	-59.5	200.7	200.7	-89.5	1.	0.0001	0.0001	0.1005	274.0	43.9
18241.	61.2	-59.0	202.5	202.5	-89.6	1.	0.0001	0.0001	0.0996	274.0	44.0
18303.	60.6	-58.7	204.5	204.5	-89.3	1.	0.0001	0.0002	0.0984	274.0	44.0
18355.	60.1	-58.3	206.5	206.5	-89.0	1.	0.0001	0.0002	0.0974	274.0	44.1
18407.	59.6	-58.0	208.2	208.2	-87.8	1.	0.0001	0.0002	0.0965	274.0	44.1
18460.	59.1	-57.9	209.7	209.7	-87.8	1.	0.0001	0.0002	0.0956	275.0	44.1
18514.	58.6	-57.8	211.1	211.1	-87.7	1.	0.0001	0.0002	0.0948	275.0	44.1
18567.	58.1	-57.7	212.5	212.5	-87.6	1.	0.0001	0.0002	0.0939	275.0	44.2
18611.	57.7	-57.6	213.9	213.9	-87.5	1.	0.0001	0.0002	0.0932	275.0	44.2
18665.	57.2	-57.7	215.6	215.6	-87.7	1.	0.0002	0.0002	0.0923	275.0	44.2
18721.	56.7	-57.8	217.5	217.5	-87.8	1.	0.0002	0.0002	0.0914	275.0	44.2
18777.	56.2	-57.7	218.7	218.7	-87.7	1.	0.0002	0.0002	0.0906	275.0	44.2
18822.	55.8	-57.6	219.8	219.8	-87.6	1.	0.0002	0.0002	0.0900	275.0	44.2
18879.	55.3	-57.6	221.3	221.3	-87.6	1.	0.0002	0.0002	0.0892	275.0	44.2
18925.	54.9	-57.6	222.3	222.3	-87.7	1.	0.0002	0.0002	0.0886	275.0	44.2
18983.	54.4	-57.4	223.4	223.4	-87.4	1.	0.0002	0.0002	0.0878	275.0	44.2
19041.	53.9	-57.5	224.5	224.5	-87.5	1.	0.0002	0.0002	0.0871	275.0	44.1
19085.	53.5	-57.7	224.1	224.1	-87.6	1.	0.0001	0.0002	0.0865	275.0	44.1
19147.	53.0	-57.8	224.9	224.9	-87.8	1.	0.0002	0.0002	0.0858	275.0	44.1
19207.	52.5	-58.1	225.6	225.6	-87.9	1.	0.0002	0.0002	0.0850	275.0	44.1
19267.	52.0	-58.2	227.0	227.0	-88.0	1.	0.0001	0.0002	0.0843	275.0	44.1
19328.	51.5	-57.9	229.1	229.1	-87.8	1.	0.0002	0.0002	0.0833	275.0	44.0
19377.	51.1	-57.8	230.4	230.4	-87.7	1.	0.0001	0.0002	0.0827	275.0	44.0
19432.	50.6	-57.7	232.1	232.1	-87.6	1.	0.0001	0.0002	0.0819	275.0	44.0
19484.	50.2	-57.7	233.2	233.2	-87.6	1.	0.0001	0.0002	0.0812	275.0	44.1
19539.	49.8	-57.7	234.4	234.4	-87.6	1.	0.0001	0.0002	0.0805	275.0	44.1
19596.	49.4	-57.4	235.8	235.8	-87.4	1.	0.0002	0.0002	0.0798	275.0	44.1
19654.	48.9	-57.1	237.4	237.4	-87.2	1.	0.0002	0.0002	0.0788	275.0	44.1
19705.	48.5	-56.7	238.9	238.9	-86.9	1.	0.0002	0.0002	0.0781	275.0	44.1
19756.	48.1	-56.5	240.3	240.3	-86.7	1.	0.0002	0.0002	0.0773	275.0	44.1
19811.	47.7	-56.5	241.3	241.3	-86.7	1.	0.0002	0.0002	0.0767	275.0	44.1
19865.	47.3	-56.5	242.7	242.7	-86.7	1.	0.0002	0.0002	0.0761	274.0	44.1
19918.	46.9	-56.5	243.9	243.9	-86.7	1.	0.0002	0.0002	0.0754	274.0	44.1
19973.	46.5	-56.3	245.3	245.3	-86.6	1.	0.0002	0.0002	0.0747	274.0	44.1
20027.	46.1	-56.3	246.6	246.6	-86.6	1.	0.0002	0.0002	0.0741	274.0	44.1
20083.	45.7	-56.2	248.0	248.0	-86.5	1.	0.0002	0.0002	0.0734	274.0	44.1
20136.	45.3	-56.2	249.2	249.2	-86.5	1.	0.0002	0.0002	0.0727	274.0	44.1
20194.	44.9	-56.1	250.6	250.6	-86.5	1.	0.0002	0.0002	0.0721	274.0	44.1
20251.	44.5	-56.0	251.9	251.9	-86.4	1.	0.0002	0.0002	0.0715	274.0	44.1
20309.	44.1	-56.0	253.3	253.3	-86.4	1.	0.0002	0.0002	0.0709	274.0	44.1
20366.	43.7	-56.0	254.6	254.6	-86.4	1.	0.0002	0.0002	0.0703	274.0	44.1
20424.	43.3	-56.0	255.9	255.9	-86.4	1.	0.0002	0.0002	0.0697	274.0	44.1
20483.	42.9	-56.0	257.3	257.3	-86.4	1.	0.0002	0.0002	0.0691	274.0	44.1
20540.	42.6	-56.0	258.5	258.5	-86.4	1.	0.0002	0.0002	0.0686	274.0	44.1
20597.	42.2	-56.0	259.8	259.8	-86.4	1.	0.0002	0.0002	0.0679	274.0	44.1
20647.	41.8	-56.0	261.4	261.4	-86.4	1.	0.0002	0.0002	0.0673	274.0	44.1
20700.	41.4	-56.0	262.6	262.6	-86.4	1.	0.0002	0.0002	0.0664	274.0	44.1
20772.	41.0	-56.0	264.1	264.1	-86.4	1.	0.0002	0.0002	0.0656	274.0	44.1
20831.	40.6	-56.0	265.5	265.5	-86.4	1.	0.0002	0.0002	0.0648	274.0	44.1
20883.	40.2	-55.7	266.8	266.8	-86.1	1.	0.0002	0.0002	0.0643	274.0	44.1
20944.	39.9	-55.7	268.1	268.1	-86.1	1.	0.0002	0.0002	0.0636	274.0	44.1
21002.	39.5	-55.6	269.4	269.4	-86.0	1.	0.0002	0.0002	0.0630	274.0	44.1
21057.	39.1	-55.6	270.8	270.8	-86.0	1.	0.0002	0.0002	0.0623	274.0	44.1
21112.	38.8	-55.6	272.1	272.1	-86.0	1.	0.0002	0.0002	0.0617	274.0	44.1
21169.	38.4	-55.4	273.4	273.4	-85.8	1.	0.0002	0.0002	0.0610	274.0	44.1
21224.	38.1	-55.4	274.8	274.8	-85.8	1.	0.0002	0.0002	0.0604	274.0	44.1
21277.	37.7	-55.4	276.1	276.1	-85.8	1.	0.0002	0.0002	0.0598	274.0	44.1
21336.	37.4	-55.4	277.4	277.4	-85.8	1.	0.0002	0.0002	0.0591	274.0	44.1
21427.	37.0	-55.7	279.1	279.1	-86.1	1.	0.0002	0.0002	0.0585	274.0	44.1
21480.	36.7	-55.6	280.4	280.4	-86.0	1.	0.0002	0.0002	0.0579	274.0	44.1
21535.	36.4	-55.6	281.7	281.7	-86.0	1.	0.0002	0.0002	0.0574	274.0	44.1
21634.	36.0	-55.7	283.1	283.1	-86.1	1.	0.0002	0.0002	0.0567	274.0	44.1
21658.	35.7	-55.7	284.4	284.4	-86.1	1.	0.0002	0.0002	0.0562	274.0	44.1
21715.	35.4	-55.6	285.7	285.7	-86.0	1.	0.0002	0.0002	0.0556	274.0	44.1
21768.	35.1	-55.7	287.0	287.0	-86.1	1.	0.0002	0.0002	0.0550	274.0	44.1
21824.	34.8	-55.6	288.3	288.3	-86.0	1.	0.0002	0.0002	0.0545	274.0	44.1
21882.	34.5	-55.7	289.6	289.6	-86.1	1.	0.0002	0.0002	0.0541	274.0	44.1
21937.	34.2	-55.7	290.9	290.9	-86.1	1.	0.0002	0.0002	0.0536	274.0	44.1
21994.	33.9	-55.6	292.2	292.2	-86.0	1.	0.0002	0.0002	0.0531	274.0	44.1
22053.	33.6	-55.6	293.5	293.5	-86.0	1.	0.0002	0.0002	0.0526	274.0	44.1
22111.	33.3	-55.6	294.8	294.8	-86.0	1.	0.0002	0.0002	0.0521	274.0	44.1
22173.	33.0	-55.6	296.1	296.1	-86.0	1.	0.0002	0.0002	0.0515	274.0	44.1
22229.	32.7	-55.7	297.4	297.4	-86.1	1.	0.0002	0.0002	0.0510	274.0	44.1
22287.	32.4	-55.7	298.7	298.7	-86.1	1.	0.0002	0.0002	0.0505	274.0	44.1
22351.	32.1	-55.7	300.0	300.0	-86.1	1.	0.0002	0.0002	0.0500	274.0	44.1
22412.	31.8	-55.7	301.3	301.3	-86.1	1.	0.0002	0.0002	0.0494	274.0	44.1
22474.	31.5	-55.7	302.6	302.6	-86.1	1.	0.0002	0.0002	0.0489	274.0	44.1
22537.	31.2	-55.7	303.9	303.9	-86.1	1.	0.0002	0.0002	0.0484	274.0	44.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
22664.	344.8	-47.0	344.7	344.7	-48.5	1.	0.0021	0.0009	0.0478	274.0	47.6
22866.	340.6	-47.0	347.7	347.7	-48.1	1.	0.0022	0.0009	0.0472	274.0	47.1
22754.	336.7	-47.0	341.4	341.4	-48.1	1.	0.0022	0.0009	0.0469	274.0	47.1
22764.	332.8	-47.0	341.4	341.4	-48.1	1.	0.0022	0.0009	0.0468	274.0	47.1
22956.	328.7	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0468	274.0	47.1
23024.	324.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0464	274.0	47.1
23074.	320.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0461	274.0	47.1
23174.	316.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0457	274.0	47.1
23274.	312.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0454	274.0	47.1
23374.	308.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0450	274.0	47.1
23474.	304.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0447	274.0	47.1
23574.	300.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0443	274.0	47.1
23674.	296.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0440	274.0	47.1
23774.	292.8	-47.0	344.7	344.7	-48.1	1.	0.0022	0.0009	0.0436	274.0	47.1

SOUNDING NO.2
LATITUDE -21.8 LONGITUDE 1.2
DATE 11- 6-71 TIME 1359 GMT
NUMBER OF LEVELS 111

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1.	985.7	-0.1	-1.0	-2.0	-6.1	81.	4.0488	4.2634	1.2644	352.0	10.1
50.	975.2	-1.0	-1.0	-1.9	-7.1	80.	3.6688	3.9754	1.2638	351.0	9.8
100.	964.7	-1.9	-1.9	-2.8	-7.7	81.	3.4727	3.7857	1.2558	346.0	10.1
200.	953.2	-2.6	-2.6	-3.5	-8.1	81.	3.2651	3.6023	1.2496	342.0	11.0
300.	943.7	-3.4	-3.4	-4.3	-8.4	83.	3.0947	3.4514	1.2438	339.0	12.1
400.	934.2	-4.2	-4.2	-5.1	-8.7	86.	2.9422	3.3537	1.2379	337.0	12.4
500.	925.2	-5.0	-5.0	-5.9	-9.0	88.	2.8110	3.2986	1.2310	336.0	12.6
600.	916.2	-5.8	-5.8	-6.7	-9.3	90.	2.6962	3.1774	1.2256	335.0	12.5
700.	907.2	-6.6	-6.6	-7.5	-9.6	91.	2.5918	3.0617	1.2163	333.0	12.4
800.	898.2	-7.4	-7.4	-8.3	-10.0	92.	2.4977	2.9612	1.2079	332.0	12.3
900.	889.2	-8.2	-8.2	-9.1	-10.3	93.	2.4117	2.8925	1.2003	331.0	12.2
1000.	880.2	-9.0	-9.0	-9.9	-10.6	93.	2.3344	2.8035	1.1923	331.0	12.1
1100.	871.2	-9.8	-9.8	-10.7	-11.1	94.	2.2635	2.7172	1.1839	331.0	11.9
1200.	862.2	-10.6	-10.6	-11.5	-11.6	94.	2.1982	2.6334	1.1753	330.0	11.8
1300.	853.2	-11.4	-11.4	-12.3	-12.1	94.	2.1382	2.5716	1.1682	329.0	11.7
1400.	844.2	-12.2	-12.2	-13.1	-12.6	94.	2.0833	2.5037	1.1611	328.0	11.6
1500.	835.2	-13.0	-13.0	-13.9	-13.1	94.	2.0327	2.4363	1.1536	327.0	11.5
1577.	827.7	-13.7	-13.7	-14.6	-13.6	94.	1.9963	2.3937	1.1488	326.0	11.4
1600.	825.2	-13.9	-13.9	-14.8	-13.8	94.	1.9858	2.3838	1.1477	326.0	11.4
1700.	815.2	-14.8	-14.8	-15.7	-14.3	94.	1.9417	2.3363	1.1423	325.0	11.3
1800.	805.2	-15.6	-15.6	-16.5	-14.8	94.	1.8994	2.2891	1.1369	324.0	11.2
1900.	795.2	-16.4	-16.4	-17.3	-15.3	94.	1.8588	2.2423	1.1315	323.0	11.1
2000.	785.2	-17.2	-17.2	-18.1	-15.8	94.	1.8199	2.1959	1.1261	322.0	11.0
2100.	775.2	-18.0	-18.0	-18.9	-16.3	94.	1.7825	2.1499	1.1207	321.0	10.9
2200.	765.2	-18.8	-18.8	-19.7	-16.8	94.	1.7466	2.1043	1.1153	320.0	10.8
2300.	755.2	-19.6	-19.6	-20.5	-17.3	94.	1.7121	2.0591	1.1099	319.0	10.7
2400.	745.2	-20.4	-20.4	-21.3	-17.8	94.	1.6789	2.0143	1.1045	318.0	10.6
2500.	735.2	-21.2	-21.2	-22.1	-18.3	94.	1.6469	1.9699	1.0991	317.0	10.5
2600.	725.2	-22.0	-22.0	-22.9	-18.8	94.	1.6161	1.9259	1.0937	316.0	10.4
2700.	715.2	-22.8	-22.8	-23.7	-19.3	94.	1.5864	1.8823	1.0883	315.0	10.3
2800.	705.2	-23.6	-23.6	-24.5	-19.8	94.	1.5578	1.8391	1.0829	314.0	10.2
2900.	695.2	-24.4	-24.4	-25.3	-20.3	94.	1.5303	1.7963	1.0775	313.0	10.1
3000.	685.2	-25.2	-25.2	-26.1	-20.8	94.	1.5038	1.7539	1.0721	312.0	10.0
3100.	675.2	-26.0	-26.0	-26.9	-21.3	94.	1.4783	1.7119	1.0667	311.0	9.9
3200.	665.2	-26.8	-26.8	-27.7	-21.8	94.	1.4538	1.6703	1.0613	310.0	9.8
3300.	655.2	-27.6	-27.6	-28.5	-22.3	94.	1.4302	1.6291	1.0559	309.0	9.7
3400.	645.2	-28.4	-28.4	-29.3	-22.8	94.	1.4076	1.5883	1.0505	308.0	9.6
3500.	635.2	-29.2	-29.2	-30.1	-23.3	94.	1.3858	1.5479	1.0451	307.0	9.5
3600.	625.2	-30.0	-30.0	-30.9	-23.8	94.	1.3649	1.5079	1.0397	306.0	9.4
3700.	615.2	-30.8	-30.8	-31.7	-24.3	94.	1.3448	1.4683	1.0343	305.0	9.3
3800.	605.2	-31.6	-31.6	-32.5	-24.8	94.	1.3255	1.4291	1.0289	304.0	9.2
3900.	595.2	-32.4	-32.4	-33.3	-25.3	94.	1.3069	1.3903	1.0235	303.0	9.1
4000.	585.2	-33.2	-33.2	-34.1	-25.8	94.	1.2891	1.3519	1.0181	302.0	9.0
4100.	575.2	-34.0	-34.0	-34.9	-26.3	94.	1.2720	1.3139	1.0127	301.0	8.9
4200.	565.2	-34.8	-34.8	-35.7	-26.8	94.	1.2556	1.2763	1.0073	300.0	8.8
4300.	555.2	-35.6	-35.6	-36.5	-27.3	94.	1.2398	1.2391	1.0019	299.0	8.7
4400.	545.2	-36.4	-36.4	-37.3	-27.8	94.	1.2247	1.2023	0.9965	298.0	8.6
4500.	535.2	-37.2	-37.2	-38.1	-28.3	94.	1.2102	1.1659	0.9911	297.0	8.5
4600.	525.2	-38.0	-38.0	-38.9	-28.8	94.	1.1963	1.1299	0.9857	296.0	8.4
4700.	515.2	-38.8	-38.8	-39.7	-29.3	94.	1.1829	1.0943	0.9803	295.0	8.3
4800.	505.2	-39.6	-39.6	-40.5	-29.8	94.	1.1701	1.0591	0.9749	294.0	8.2
4900.	495.2	-40.4	-40.4	-41.3	-30.3	94.	1.1577	1.0243	0.9695	293.0	8.1
5000.	485.2	-41.2	-41.2	-42.1	-30.8	94.	1.1458	0.9899	0.9641	292.0	8.0
5100.	475.2	-42.0	-42.0	-42.9	-31.3	94.	1.1344	0.9559	0.9587	291.0	7.9
5200.	465.2	-42.8	-42.8	-43.7	-31.8	94.	1.1234	0.9223	0.9533	290.0	7.8
5300.	455.2	-43.6	-43.6	-44.5	-32.3	94.	1.1128	0.8891	0.9479	289.0	7.7
5400.	445.2	-44.4	-44.4	-45.3	-32.8	94.	1.1026	0.8563	0.9425	288.0	7.6
5500.	435.2	-45.2	-45.2	-46.1	-33.3	94.	1.0928	0.8239	0.9371	287.0	7.5
5600.	425.2	-46.0	-46.0	-46.9	-33.8	94.	1.0833	0.7919	0.9317	286.0	7.4
5700.	415.2	-46.8	-46.8	-47.7	-34.3	94.	1.0742	0.7603	0.9263	285.0	7.3
5800.	405.2	-47.6	-47.6	-48.5	-34.8	94.	1.0654	0.7291	0.9209	284.0	7.2
5900.	395.2	-48.4	-48.4	-49.3	-35.3	94.	1.0570	0.6983	0.9155	283.0	7.1
6000.	385.2	-49.2	-49.2	-50.1	-35.8	94.	1.0488	0.6679	0.9101	282.0	7.0
6100.	375.2	-50.0	-50.0	-50.9	-36.3	94.	1.0410	0.6379	0.9047	281.0	6.9
6200.	365.2	-50.8	-50.8	-51.7	-36.8	94.	1.0335	0.6083	0.8993	280.0	6.8
6300.	355.2	-51.6	-51.6	-52.5	-37.3	94.	1.0263	0.5791	0.8939	279.0	6.7
6400.	345.2	-52.4	-52.4	-53.3	-37.8	94.	1.0194	0.5503	0.8885	278.0	6.6
6500.	335.2	-53.2	-53.2	-54.1	-38.3	94.	1.0128	0.5219	0.8831	277.0	6.5
6600.	325.2	-54.0	-54.0	-54.9	-38.8	94.	1.0065	0.4939	0.8777	276.0	6.4
6700.	315.2	-54.8	-54.8	-55.7	-39.3	94.	1.0005	0.4663	0.8723	275.0	6.3
6800.	305.2	-55.6	-55.6	-56.5	-39.8	94.	0.9948	0.4391	0.8669	274.0	6.2
6900.	295.2	-56.4	-56.4	-57.3	-40.3	94.	0.9893	0.4123	0.8615	273.0	6.1
7000.	285.2	-57.2	-57.2	-58.1	-40.8	94.	0.9842	0.3859	0.8561	272.0	6.0
7100.	275.2	-58.0	-58.0	-58.9	-41.3	94.	0.9793	0.3599	0.8507	271.0	5.9
7200.	265.2	-58.8	-58.8	-59.7	-41.8	94.	0.9747	0.3343	0.8453	270.0	5.8
7300.	255.2	-59.6	-59.6	-60.5	-42.3	94.	0.9704	0.3091	0.8399	269.0	5.7
7400.	245.2	-60.4	-60.4	-61.3	-42.8	94.	0.9663	0.2843	0.8345	268.0	5.6
7500.	235.2	-61.2	-61.2	-62.1	-43.3	94.	0.9625	0.2599	0.8291	267.0	5.5
7600.	225.2	-62.0	-62.0	-62.9	-43.8	94.	0.9590	0.2359	0.8237	266.0	5.4
7700.	215.2	-62.8	-62.8	-63.7	-44.3	94.	0.9557	0.2123	0.8183	265.0	5.3
7800.	205.2	-63.6	-63.6	-64.5	-44.8	94.	0.9527	0.1891	0.8129	264.0	5.2
7900.	195.2	-64.4	-64.4	-65.3	-45.3	94.	0.9500	0.1663	0.8075	263.0	5.1
8000.	185.2	-65.2	-65.2	-66.1	-45.8	94.	0.9476	0.1439	0.8021	262.0	5.0
8100.	175.2	-66.0	-66.0	-66.9	-46.3	94.	0.9454	0.1219	0.7967	261.0	4.9
8200.	165.2	-66.8	-66.8	-67.7	-46.8	94.	0.9435	0.1003	0.7913	260.0	4.8
8300.	155.2	-67.6	-67.6	-68.5	-47.3	94.	0.9419	0.0791	0.7859	259.0	4.7
8400.	145.2	-68.4	-68.4	-69.3	-47.8	94.	0.9406	0.0583	0.7805	258.0	4.6
8500.	135.2	-69.2	-69.2	-70.1	-48.3	94.	0.9395	0.0379	0.7751	257.0	4.5
8600.	125.2	-70.0	-70.0	-70.9	-48.8	94.	0.9387	0.0179	0.7697	256.0	4.4
8700.	115.2	-70.8	-70.8	-71.7	-49.3	94.	0.9382	0.0000	0.7643	255.0	4.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
57[illegible].	445.6	-42.[illegible]	17.[illegible]	17.[illegible]	-47.5	52.	[illegible]	0.0512	0.6779	334.0	13.1
58[illegible].	440.4	-43.[illegible]	17.[illegible]	17.[illegible]	-48.[illegible]	49.	[illegible]	0.0472	0.6725	334.0	13.2
59[illegible].	440.7	-43.[illegible]	17.[illegible]	17.[illegible]	-48.[illegible]	48.	[illegible]	0.0477	0.6668	335.0	13.3
5994.	435.4	-43.[illegible]	18.[illegible]	18.[illegible]	-49.4	46.	[illegible]	0.0414	0.6617	336.0	13.5
6024.	432.1	-43.[illegible]	18.[illegible]	18.[illegible]	-49.6	46.	[illegible]	0.0398	0.6564	336.0	13.7
6054.	427.1	-44.4	18.4	18.4	-50.2	46.	[illegible]	0.0357	0.6512	337.0	13.8
6189.	423.1	-44.[illegible]	18.[illegible]	18.[illegible]	-51.7	44.	[illegible]	0.0314	0.6461	337.0	14.1
6237.	417.[illegible]	-45.[illegible]	18.[illegible]	18.[illegible]	-52.6	42.	[illegible]	0.0281	0.6409	336.0	14.2
6314.	414.6	-46.1	18.[illegible]	18.[illegible]	-53.[illegible]	41.	[illegible]	0.0266	0.6361	336.0	14.4
6375.	412.[illegible]	-46.[illegible]	18.[illegible]	18.[illegible]	-54.1	40.	[illegible]	0.0253	0.6315	336.0	14.7
6436.	410.4	-47.4	18.[illegible]	18.[illegible]	-54.7	40.	[illegible]	0.0243	0.6271	340.0	14.8
6504.	406.[illegible]	-48.[illegible]	18.[illegible]	18.[illegible]	-55.6	39.	0.0197	0.0196	0.6220	340.0	15.0
65[illegible].	397.6	-48.7	18.[illegible]	18.[illegible]	-56.2	38.	[illegible]	0.0181	0.6171	341.0	15.2
6651.	393.3	-49.[illegible]	18.1	18.1	-56.7	38.	[illegible]	0.0166	0.6121	341.0	15.3
6745.	388.[illegible]	-50.[illegible]	18.1	18.1	-57.2	38.	[illegible]	0.0156	0.6071	342.0	15.6
6790.	386.7	-50.[illegible]	18.[illegible]	18.[illegible]	-57.[illegible]	38.	[illegible]	0.0144	0.6022	342.0	15.7
6881.	382.[illegible]	-51.[illegible]	18.[illegible]	18.[illegible]	-58.[illegible]	38.	[illegible]	0.0129	0.5977	342.0	15.9
6932.	378.7	-51.[illegible]	18.[illegible]	18.[illegible]	-58.4	37.	[illegible]	0.0120	0.5926	342.0	16.1
6993.	37[illegible].	-52.[illegible]	18.[illegible]	18.[illegible]	-58.8	36.	[illegible]	0.0111	0.5877	342.0	16.2
7[illegible].	36[illegible].	-52.[illegible]	[illegible].4	[illegible].4	-61.4	35.	[illegible]	0.0104	0.5820	342.0	16.3
7137.	367.[illegible]	-52.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-61.1	35.	[illegible]	0.0095	0.5771	342.0	16.4
7194.	362.7	-53.[illegible]	[illegible].2	[illegible].2	-62.[illegible]	34.	[illegible]	0.0081	0.5724	342.0	16.5
7251.	358.[illegible]	-53.[illegible]	[illegible].4	[illegible].4	-62.3	33.	[illegible]	0.0071	0.5679	341.0	16.6
7310.	354.[illegible]	-54.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-64.3	33.	[illegible]	0.0062	0.5635	341.0	16.6
7341.	352.8	-54.[illegible]	1.2	[illegible].[illegible]	-64.1	32.	[illegible]	0.0056	0.5589	340.0	16.8
7438.	347.1	-54.[illegible]	[illegible].1	[illegible].1	-62.7	32.	[illegible]	0.0051	0.5540	340.0	16.9
7527.	343.4	-55.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-66.3	31.	[illegible]	0.0047	0.5489	339.0	17.0
7594.	339.0	-55.[illegible]	[illegible].1	[illegible].1	-66.8	30.	[illegible]	0.0045	0.5439	339.0	17.2
7661.	334.[illegible]	-56.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-66.9	30.	[illegible]	0.0041	0.5391	338.0	17.1
7730.	330.3	-56.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-67.6	29.	[illegible]	0.0039	0.5346	338.0	17.2
7741.	329.4	-56.7	[illegible].1	[illegible].1	-66.3	29.	[illegible]	0.0036	0.5301	337.0	17.3
7853.	320.1	-57.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-68.9	28.	[illegible]	0.0033	0.5256	336.0	17.4
7911.	322.7	-57.[illegible]	[illegible].1	[illegible].1	-69.1	28.	[illegible]	0.0032	0.5206	335.0	17.4
7978.	318.5	-57.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-69.7	28.	[illegible]	0.0029	0.5158	335.0	17.5
8059.	313.9	-57.7	[illegible].[illegible]	[illegible].[illegible]	-69.4	28.	[illegible]	0.0027	0.5108	334.0	17.3
8121.	311.6	-57.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-70.1	28.	[illegible]	0.0026	0.5059	332.0	17.3
8184.	308.5	-58.[illegible]	[illegible].6	[illegible].6	-70.2	28.	[illegible]	0.0025	0.5011	331.0	17.3
8203.	307.1	-58.[illegible]	[illegible].4	[illegible].4	-70.6	27.	[illegible]	0.0024	0.4959	330.0	17.2
8321.	302.[illegible]	-58.[illegible]	[illegible].4	[illegible].4	-71.[illegible]	26.	[illegible]	0.0024	0.4905	329.0	17.0
8390.	299.5	-58.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-71.2	26.	[illegible]	0.0023	0.4856	328.0	16.9
8462.	296.1	-58.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-71.9	25.	[illegible]	0.0021	0.4808	326.0	16.7
8522.	292.[illegible]	-58.[illegible]	31.1	31.[illegible]	-72.6	24.	[illegible]	0.0019	0.4761	325.0	16.4
8601.	289.[illegible]	-59.[illegible]	31.7	31.7	-73.4	23.	[illegible]	0.0017	0.4715	323.0	16.2
8670.	286.4	-59.4	[illegible].[illegible]	[illegible].[illegible]	-74.1	22.	0.0014	0.0015	0.4668	322.0	16.1
8741.	283.[illegible]	-59.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-74.2	22.	0.0014	0.0015	0.4620	320.0	15.6
8812.	280.[illegible]	-59.[illegible]	33.7	33.7	-74.4	22.	[illegible]	0.0015	0.4572	318.0	15.3
8883.	276.[illegible]	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-74.6	22.	[illegible]	0.0014	0.4524	316.0	15.3
8953.	273.7	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-74.8	22.	[illegible]	0.0014	0.4477	314.0	15.[illegible]
9027.	270.[illegible]	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-74.9	22.	[illegible]	0.0013	0.4429	312.0	15.[illegible]
[illegible]98.	267.4	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-75.1	22.	[illegible]	0.0013	0.4383	310.0	14.[illegible]
9176.	264.5	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-75.3	22.	[illegible]	0.0013	0.4339	309.0	15.[illegible]
9254.	261.6	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-75.1	22.	[illegible]	0.0013	0.4288	307.0	15.[illegible]
9276.	260.[illegible]	-60.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-75.1	22.	[illegible]	0.0013	0.4245	305.0	15.1
9314.	258.[illegible]	-60.7	[illegible].3	[illegible].3	-75.2	22.	[illegible]	0.0013	0.4203	303.0	15.1
9429.	253.5	-60.[illegible]	[illegible].1	[illegible].1	-75.8	11.	[illegible]	0.0012	0.4159	301.0	15.1
9464.	[illegible]2.[illegible]	-61.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-75.[illegible]	11.	[illegible]	0.0012	0.4118	300.0	15.2
9561.	[illegible]48.[illegible]	-61.[illegible]	[illegible].7	[illegible].7	-76.[illegible]	11.	[illegible]	0.0011	0.4076	298.0	15.3
9604.	248.7	-61.1	[illegible].[illegible]	[illegible].[illegible]	-76.1	11.	[illegible]	0.0011	0.4036	297.0	15.2
9684.	[illegible]45.[illegible]	-61.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-76.2	11.	[illegible]	0.0011	0.3999	296.0	15.6
9741.	241.1	-61.2	[illegible].[illegible]	[illegible].[illegible]	-76.8	10.	[illegible]	0.0010	0.3963	297.0	15.9
9782.	239.1	-61.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-76.6	10.	[illegible]	0.0010	0.3930	297.0	16.0
9842.	237.2	-61.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-77.4	9.	[illegible]	0.0009	0.3899	297.0	16.0
98[illegible].	235.[illegible]	-61.[illegible]	47.1	47.1	-77.6	9.	[illegible]	0.0009	0.3871	298.0	15.[illegible]
9934.	233.[illegible]	-61.4	47.7	47.7	-78.3	8.	[illegible]	0.0008	0.3841	298.0	16.0
9967.	231.7	-61.[illegible]	[illegible].2	[illegible].2	-78.4	8.	[illegible]	0.0008	0.3814	300.0	15.[illegible]
10033.	229.9	-61.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-79.2	7.	[illegible]	0.0007	0.3784	301.0	15.8
10084.	228.1	-61.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-79.3	7.	0.0006	0.0007	0.3756	303.0	15.8
10122.	227.7	-61.[illegible]	[illegible].1	[illegible].1	-79.3	7.	0.0006	0.0007	0.3733	305.0	15.7

SOUNDING 47.0
LATITUDE -61.[illegible] LONGITUDE 1.2
DATE 11- 7-61 TIME 1137 GMT
NUMBER OF LEVELS 351

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	983.2	-3.[illegible]	-2.[illegible]	-1.9	-5.1	85.	5.9962	5.2305	1.2785	280.0	16.0
54.	983.8	-4.[illegible]	-2.[illegible]	-2.4	-6.6	82.	5.5121	2.8551	1.2737	279.0	15.9
120.	979.2	-5.5	-3.4	-3.1	-8.2	79.	3.0538	2.4977	1.2692	271.0	16.0
182.	975.6	-6.7	-4.[illegible]	-3.7	-9.8	76.	2.6491	2.1799	1.2646	264.0	16.3
237.	972.8	-7.8	-4.6	-4.3	-11.4	73.	2.3124	1.9139	1.2607	258.0	16.6
292.	970.0	-8.[illegible]	-4.6	-4.3	-12.2	71.	2.1527	1.7872	1.2560	253.0	16.9
348.	967.1	-8.[illegible]	-4.6	-4.4	-13.2	68.	1.9559	1.6304	1.2476	248.0	16.9
405.	964.2	-9.4	-4.6	-4.4	-14.2	65.	1.7885	1.4968	1.2407	245.0	17.[illegible]
463.	961.1	-9.[illegible]	-4.[illegible]	-4.3	-15.2	62.	1.6324	1.3711	1.2335	242.0	17.0
525.	957.7	-10.4	-4.4	-4.2	-16.2	59.	1.4858	1.2529	1.2259	239.0	16.8
583.	954.7	-10.[illegible]	-4.2	-4.1	-17.1	56.	1.3600	1.1517	1.2184	237.0	16.6
641.	951.8	-11.1	-3.[illegible]	-3.8	-18.0	53.	1.2538	1.0648	1.2105	236.0	16.4
696.	948.3	-11.4	-3.7	-3.6	-18.9	50.	1.1514	0.9813	1.2032	234.0	16.2
751.	946.8	-11.[illegible]	-3.[illegible]	-3.1	-19.6	47.	1.0726	0.9168	1.1949	234.0	16.0
806.	943.4	-11.7	-2.[illegible]	-2.[illegible]	-20.3	45.	1.0067	0.8643	1.1872	234.0	15.[illegible]
858.	864.4	-12.1	-2.[illegible]	-2.7	-21.4	42.	0.9281	0.7815	1.1810	233.0	15.9
910.	878.3	-12.[illegible]	-2.[illegible]	-2.7	-22.6	39.	0.8059	0.6978	1.1750	233.0	16.0
962.	872.4	-13.1	-2.[illegible]	-2.7	-23.6	37.	0.7307	0.6344	1.1693	233.0	16.0
1013.	866.5	-13.7	-2.9	-2.[illegible]	-25.0	34.	0.6357	0.5551	1.1640	233.0	16.1
1062.	860.9	-14.2	-2.9	-2.8	-26.4	31.	0.5537	0.4861	1.1586	233.0	16.2
1109.	855.6	-14.[illegible]	-2.[illegible]	-2.[illegible]	-27.4	29.	0.4993	0.4402	1.1532	233.0	16.2
1158.	850.1	-14.[illegible]	-2.[illegible]	-2.6	-28.4	27.	0.4522	0.4002	1.1471	233.0	16.3
1208.	844.5	-13.1	-[illegible].2	-[illegible].2	-27.[illegible]	24.	0.4739	0.4187	1.1317	233.0	16.3
1259.	838.[illegible]	-11.2	2.3	2.3	-27.5	21.	0.4922	0.4342	1.1161	234.0	16.3
1306.	833.7	-11.[illegible]	2.[illegible]	2.[illegible]	-28.[illegible]	19.	0.4374	0.3877	1.1099	234.0	16.4
1357.	828.2	-11.[illegible]	2.[illegible]	2.[illegible]	-30.5	16.	0.3618	0.3231	1.1034	235.0	16.[illegible]
1412.	822.3	-11.9	3.1	3.2	-32.[illegible]	14.	0.3081	0.2769	1.0968	236.0	16.5
1469.	816.6	-12.[illegible]	3.[illegible]	3.[illegible]	-34.4	11.	0.2399	0.2177	1.0895	237.0	16.[illegible]
1514.	811.3	-12.[illegible]	4.1	4.1	-37.3	8.	0.1745	0.1603	1.0824	237.[illegible]	16.7
1563.	806.2	-12.1	4.5	4.5	-40.[illegible]	6.	0.1297	0.1205	1.0760	238.0	16.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1611.	801.1	-12.3	4.8	4.8	-34.6	11.	0.2335	0.2121	1.0701	239.0	16.7
1658.	796.2	-12.5	5.1	5.1	-31.3	16.	0.3335	0.2988	1.0644	239.0	16.7
1705.	791.4	-12.8	5.5	5.5	-29.7	19.	0.3825	0.3494	1.0578	240.0	16.7
1752.	786.6	-12.9	5.7	5.7	-29.5	20.	0.4021	0.3676	1.0519	241.0	16.6
1813.	780.1	-13.1	6.0	6.1	-29.7	20.	0.3948	0.3614	1.0454	241.0	16.7
1866.	774.5	-13.4	6.2	6.2	-29.9	20.	0.3925	0.3623	1.0391	241.0	16.7
1923.	768.9	-13.7	6.5	6.6	-29.3	22.	0.4112	0.3795	1.0328	241.0	16.7
1979.	763.4	-14.0	6.8	6.8	-27.9	26.	0.4728	0.4177	1.0265	241.0	16.6
2033.	757.8	-14.3	7.0	7.1	-28.1	32.	0.5661	0.4966	1.0203	241.0	16.7
2089.	752.2	-14.7	7.2	7.3	-25.3	36.	0.6118	0.5367	1.0144	241.0	16.7
2145.	746.7	-15.0	7.4	7.5	-24.7	40.	0.6613	0.5681	1.0080	241.0	16.6
2202.	741.1	-15.3	7.5	7.6	-24.7	42.	0.6920	0.5895	1.0034	241.0	16.7
2257.	735.7	-15.6	7.6	7.7	-25.3	41.	0.6141	0.5369	0.9976	241.0	17.7
2311.	730.4	-15.9	7.7	7.8	-26.1	39.	0.5842	0.4982	0.9915	241.0	17.1
2364.	725.2	-16.2	7.7	7.8	-27.6	35.	0.4985	0.4294	0.9863	241.0	17.6
2416.	720.2	-16.5	7.7	7.9	-29.5	30.	0.4110	0.3572	0.9811	241.0	17.6
2467.	715.3	-16.7	7.8	8.0	-30.4	28.	0.3817	0.3295	0.9759	241.0	17.6
2521.	710.2	-17.0	7.8	8.0	-27.0	41.	0.5147	0.4566	0.9697	241.0	17.6
2571.	705.4	-17.3	7.8	8.0	-25.3	51.	0.6332	0.5529	0.9640	241.0	17.7
2622.	700.5	-17.6	7.8	8.1	-23.1	63.	0.7742	0.6711	0.9587	241.0	17.7
2675.	695.7	-17.8	7.8	8.1	-21.2	76.	0.9258	0.7961	0.9518	241.0	17.7
2729.	690.6	-18.1	7.8	8.1	-21.7	74.	0.8762	0.7551	0.9459	241.0	17.7
2780.	685.9	-18.4	7.8	8.1	-22.3	72.	0.8235	0.7157	0.9398	241.0	17.6
2843.	680.4	-19.2	10.3	10.4	-22.4	70.	0.7628	0.6778	0.9340	241.0	17.7
2894.	675.5	-13.1	16.6	16.7	-24.3	69.	0.7498	0.6593	0.9284	241.0	17.7
2944.	670.9	-19.1	10.9	10.9	-24.4	68.	0.7182	0.6339	0.9231	241.0	17.7
2993.	666.5	-20.2	10.6	11.0	-24.8	67.	0.6884	0.6128	0.9185	241.0	17.6
3042.	662.1	-20.5	11.1	11.2	-24.9	65.	0.6417	0.5681	0.9135	241.0	17.6
3091.	657.7	-20.8	11.3	11.4	-25.2	65.	0.6234	0.5447	0.9085	241.0	17.6
3140.	653.4	-21.1	11.5	11.6	-25.4	66.	0.6145	0.5376	0.9036	241.0	17.6
3187.	649.2	-21.4	11.7	11.8	-25.2	68.	0.6213	0.5430	0.8985	241.0	17.6
3234.	645.1	-21.6	12.4	12.5	-24.7	71.	0.6551	0.5713	0.8935	241.0	17.6
3278.	641.2	-21.9	13.1	13.1	-24.2	74.	0.6894	0.5999	0.8888	241.0	17.6
3327.	637.0	-21.6	13.4	13.6	-24.1	76.	0.7012	0.6058	0.8834	241.0	17.6
3376.	632.8	-21.3	13.8	14.0	-23.8	78.	0.7107	0.6194	0.8784	241.0	17.6
3426.	628.3	-21.6	14.6	14.8	-24.0	78.	0.6996	0.6079	0.8734	241.0	17.6
3481.	623.4	-21.6	14.7	14.8	-24.1	78.	0.6922	0.6023	0.8685	241.0	17.6
3533.	619.4	-22.1	14.7	14.8	-24.6	76.	0.6593	0.5748	0.8641	241.0	17.6
3587.	614.9	-22.6	14.7	14.8	-25.1	76.	0.6278	0.5485	0.8595	241.0	17.6
3643.	610.2	-23.1	14.8	14.9	-25.7	77.	0.5931	0.5188	0.8546	241.0	17.6
3699.	605.5	-23.6	14.9	14.9	-26.5	75.	0.5471	0.4806	0.8497	241.0	17.6
3756.	600.8	-24.0	15.0	15.1	-27.4	71.	0.4978	0.4392	0.8445	241.0	17.6
3814.	596.0	-24.5	15.3	15.4	-28.1	68.	0.4605	0.4093	0.8397	241.0	17.6
3868.	591.6	-24.8	15.6	15.7	-28.7	66.	0.4367	0.3865	0.8296	241.0	17.7
3922.	587.4	-24.9	15.9	16.0	-29.1	65.	0.4187	0.3701	0.8246	241.0	17.6
3971.	583.3	-25.2	16.1	16.2	-29.6	64.	0.3982	0.3542	0.8199	241.0	17.6
4024.	579.0	-25.6	16.2	16.3	-30.1	63.	0.3776	0.3357	0.8151	241.0	17.6
4075.	574.9	-25.9	16.5	16.6	-30.6	62.	0.3596	0.3212	0.8103	241.0	17.6
4126.	570.9	-26.3	16.6	16.8	-30.9	62.	0.3454	0.3095	0.8060	241.0	17.6
4176.	567.0	-26.6	16.8	16.9	-31.2	62.	0.3351	0.3001	0.8014	241.0	17.6
4229.	562.9	-27.0	16.9	17.0	-31.6	61.	0.3166	0.2842	0.7968	241.0	17.6
4280.	559.1	-27.4	17.0	17.1	-32.4	60.	0.2955	0.2664	0.7926	241.0	17.6
4332.	554.8	-27.8	17.2	17.3	-32.6	60.	0.2841	0.2561	0.7883	241.0	17.6
4384.	550.8	-28.3	17.2	17.3	-33.3	59.	0.2681	0.2423	0.7839	241.0	17.6
4436.	546.8	-28.7	17.4	17.4	-33.8	59.	0.2553	0.2311	0.7795	241.0	17.6
4487.	542.9	-29.1	17.4	17.5	-34.3	58.	0.2420	0.2202	0.7752	241.0	17.6
4539.	539.0	-29.4	17.7	17.7	-34.9	58.	0.2287	0.2085	0.7705	241.0	17.6
4593.	534.9	-29.8	18.1	18.1	-35.6	56.	0.2119	0.1941	0.7653	241.0	17.6
4646.	530.8	-29.9	18.3	18.4	-35.1	56.	0.2115	0.1932	0.7604	241.0	17.6
4702.	526.8	-30.3	18.5	18.5	-36.1	54.	0.1995	0.1824	0.7559	241.0	17.6
4754.	522.9	-30.7	18.6	18.7	-36.6	53.	0.1878	0.1721	0.7515	241.0	17.6
4808.	519.1	-31.1	18.8	18.9	-37.3	51.	0.1733	0.1593	0.7473	241.0	17.6
4857.	515.4	-31.5	18.9	19.0	-37.8	50.	0.1629	0.1501	0.7431	241.0	17.6
4907.	511.7	-32.0	18.9	18.9	-38.7	48.	0.1494	0.1371	0.7393	241.0	17.6
4957.	508.1	-32.4	19.0	19.0	-39.6	46.	0.1368	0.1251	0.7356	241.0	17.6
5009.	504.6	-32.9	19.2	19.2	-40.4	44.	0.1236	0.1151	0.7315	241.0	17.6
5064.	501.4	-33.4	19.1	19.2	-40.9	43.	0.1157	0.1080	0.7269	241.0	17.6
5118.	498.6	-33.7	19.3	19.3	-41.3	43.	0.1158	0.1036	0.7226	241.0	17.6
5166.	496.2	-34.0	19.5	19.5	-41.6	42.	0.1174	0.1005	0.7185	241.0	17.6
5214.	493.8	-34.3	19.7	19.7	-42.1	42.	0.1015	0.0952	0.7145	241.0	17.6
5263.	491.6	-34.6	19.9	19.9	-42.8	40.	0.0936	0.0881	0.7107	241.0	17.6
5314.	489.5	-34.9	20.1	20.1	-43.3	39.	0.0884	0.0832	0.7070	241.0	17.6
5366.	487.3	-35.2	20.3	20.3	-43.8	38.	0.0832	0.0787	0.7027	241.0	17.6
5419.	485.3	-35.5	20.5	20.6	-44.1	38.	0.0807	0.0763	0.6983	241.0	17.6
5462.	483.7	-35.7	20.7	20.7	-44.7	37.	0.0756	0.0713	0.6941	241.0	17.6
5514.	481.8	-36.0	20.8	20.8	-45.2	37.	0.0724	0.0684	0.6900	241.0	17.6
5566.	480.0	-36.2	20.9	20.9	-45.7	37.	0.0691	0.0648	0.6862	241.0	17.6
5624.	478.1	-36.5	21.1	21.1	-46.3	35.	0.0617	0.0589	0.6817	241.0	17.6
5677.	476.5	-36.8	21.2	21.2	-47.2	34.	0.0556	0.0532	0.6775	241.0	17.6
5731.	474.8	-37.1	21.4	21.4	-47.8	34.	0.0541	0.0526	0.6735	241.0	17.6
5784.	473.1	-37.4	21.4	21.4	-47.8	34.	0.0518	0.0499	0.6698	241.0	17.6
5838.	471.4	-37.7	21.4	21.4	-48.4	33.	0.0481	0.0464	0.6657	241.0	17.6
5894.	469.7	-38.0	21.5	21.5	-49.1	32.	0.0446	0.0431	0.6613	241.0	17.6
5950.	468.0	-38.3	21.6	21.6	-49.4	32.	0.0439	0.0424	0.6568	241.0	17.6
6003.	466.4	-38.6	21.7	21.7	-50.4	30.	0.0387	0.0367	0.6525	241.0	17.6
6058.	464.8	-38.9	21.8	21.8	-51.1	29.	0.0344	0.0336	0.6486	241.0	17.6
6097.	463.6	-39.1	21.9	21.9	-51.6	27.	0.0314	0.0307	0.6464	241.0	17.6
6142.	462.2	-39.4	22.0	22.0	-52.2	27.	0.0284	0.0279	0.6431	241.0	17.6
6194.	460.6	-39.7	22.1	22.1	-52.7	26.	0.0264	0.0260	0.6401	241.0	17.6
6243.	459.1	-40.0	22.2	22.2	-53.1	25.	0.0246	0.0243	0.6378	241.0	17.6
6291.	457.7	-40.3	22.3	22.3	-53.6	24.	0.0229	0.0227	0.6354	241.0	17.6
6342.	456.2	-40.6	22.4	22.4	-53.7	24.	0.0246	0.0244	0.6328	241.0	17.6
6393.	454.8	-40.9	22.5	22.5	-53.7	24.	0.0247	0.0244	0.6302	241.0	17.6
6441.	453.5	-41.2	22.6	22.6	-54.1	23.	0.0226	0.0224	0.6277	241.0	17.6
6495.	452.0	-41.5	22.7	22.7	-54.6	23.	0.0237	0.0235	0.6247	241.0	17.6
6546.	450.6	-41.8	22.8	22.8	-55.1	22.	0.0214	0.0212	0.6221	241.0	17.6
6596.	449.3	-42.1	22.9	22.9	-55.6	22.	0.0203	0.0201	0.6197	241.0	17.6
6646.	448.0	-42.4	23.0	23.0	-56.1	21.	0.0192	0.0191	0.6173	241.0	17.6
6696.	446.7	-42.7	23.1	23.1	-56.6	21.	0.0182	0.0181	0.6150	241.0	17.6
6746.	445.4	-43.0	23.2	23.2	-57.1	20.	0.0172	0.0171	0.6126	241.0	17.6
6796.	444.1	-43.3	23.3	23.3	-57.6	20.	0.0162	0.0161	0.6103	241.0	17.6
6846.	442.8	-43.6	23.4	23.4	-58.1	19.	0.0153	0.0152	0.6081	241.0	17.6
6896.	441.5	-43.9	23.5	23.5	-58.6	19.	0.0144	0.0143	0.6058	241.0	17.6
6946.	440.2	-44.2	23.6	23.6	-59.1	18.	0.0135	0.0135	0.6036	241.0	17.6
6996.	438.9	-44.5	23.7	23.7	-59.6	18.	0.0127	0.0127	0.6014	241.0	17.6
7046.	437.6	-44.8	23.8	23.8	-60.1	17.	0.0119	0.0119	0.5992	241.0	17.6
7096.	436.3	-45.1	23.9	23.9	-60.6	17.	0.0111	0.0111	0.5970	241.0	17.6
7146.	435.0	-45.4	24.0	24.0	-61.1	16.	0.0104	0.0104	0.5948	241.0	17.6
7196.	433.7	-45.7	24.1	24.1	-61.6	16.	0.0097	0.0097	0.5927	241.0	17.6
7246.	432.4	-46.0	24.2	24.2	-62.1	15.	0.0090	0.0090	0.5905	241.0	17.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7273.	361.2	-49.7	25.7	25.7	-55.7	47.	0.0192	0.0192	0.5631	233.0	35.2
7320.	358.6	-50.1	25.8	25.8	-55.9	48.	0.0187	0.0187	0.5601	233.0	35.2
7369.	355.9	-50.4	26.1	26.1	-56.2	48.	0.0180	0.0180	0.5566	234.0	35.2
7417.	353.3	-50.8	26.1	26.1	-56.4	49.	0.0175	0.0175	0.5535	233.0	35.3
7467.	350.6	-51.1	26.4	26.4	-56.7	49.	0.0169	0.0169	0.5501	233.0	35.4
7521.	347.7	-51.5	26.6	26.6	-56.9	50.	0.0164	0.0164	0.5465	234.0	35.5
7577.	344.7	-52.0	26.6	26.6	-57.2	51.	0.0157	0.0157	0.5430	233.0	35.7
7627.	342.0	-52.4	26.8	26.8	-57.6	51.	0.0150	0.0150	0.5397	234.0	35.7
7680.	339.2	-52.8	26.9	26.9	-57.8	52.	0.0145	0.0145	0.5363	234.0	35.8
7735.	336.8	-53.2	27.0	27.0	-58.1	53.	0.0140	0.0141	0.5331	234.0	36.0
7784.	333.8	-53.6	27.2	27.2	-58.3	54.	0.0136	0.0137	0.5297	234.0	36.1
7836.	331.1	-53.9	27.3	27.3	-58.6	54.	0.0130	0.0132	0.5261	234.0	36.2
7890.	328.3	-54.2	27.4	27.4	-58.8	55.	0.0128	0.0129	0.5224	234.0	36.4
7947.	325.4	-54.7	27.5	27.5	-59.1	56.	0.0122	0.0124	0.5189	234.0	36.5
8002.	322.6	-55.1	27.6	27.6	-59.6	57.	0.0115	0.0117	0.5159	234.0	36.6
8055.	319.9	-55.5	27.6	27.6	-60.0	57.	0.0108	0.0110	0.5127	234.0	36.8
8111.	317.1	-56.0	27.7	27.7	-60.5	57.	0.0101	0.0103	0.5094	234.0	36.9
8163.	314.6	-56.4	27.8	27.8	-60.8	57.	0.0097	0.0099	0.5059	234.0	36.9
8216.	311.9	-57.1	28.0	28.0	-61.3	57.	0.0091	0.0093	0.5029	234.0	37.1
8265.	309.5	-57.5	28.0	28.0	-61.5	58.	0.0088	0.0089	0.5000	234.0	37.2
8316.	306.9	-57.9	28.0	28.0	-61.9	58.	0.0083	0.0085	0.4967	235.0	37.2
8369.	304.4	-58.4	28.0	28.0	-62.4	58.	0.0076	0.0080	0.4938	235.0	37.3
8421.	301.9	-58.8	28.0	28.0	-62.7	59.	0.0075	0.0077	0.4907	235.0	37.4
8471.	299.5	-59.1	28.0	28.0	-63.0	59.	0.0072	0.0074	0.4874	235.0	37.4
8523.	297.0	-59.4	29.0	29.0	-63.2	59.	0.0069	0.0071	0.4840	235.0	37.4
8574.	294.6	-59.8	29.3	29.3	-63.6	59.	0.0064	0.0068	0.4810	235.0	37.5
8627.	292.1	-60.2	29.5	29.5	-63.9	60.	0.0063	0.0065	0.4778	235.0	37.4
8678.	289.7	-60.5	29.6	29.6	-64.2	60.	0.0061	0.0063	0.4746	236.0	37.5
8737.	287.0	-60.9	30.2	30.2	-64.4	61.	0.0060	0.0061	0.4708	236.0	37.4
8793.	284.4	-61.3	30.2	30.2	-64.6	61.	0.0058	0.0058	0.4677	236.0	37.3
8856.	281.5	-61.8	30.4	30.4	-65.4	60.	0.0051	0.0053	0.4640	236.0	37.3
8918.	278.7	-62.2	30.7	30.7	-65.8	60.	0.0048	0.0050	0.4602	237.0	37.1
8983.	275.8	-62.5	31.2	31.2	-66.1	60.	0.0046	0.0048	0.4561	237.0	37.0
9043.	273.1	-62.8	31.6	31.6	-66.4	60.	0.0044	0.0046	0.4523	237.0	36.9
9104.	270.4	-62.9	32.3	32.3	-66.5	60.	0.0044	0.0046	0.4480	237.0	36.6
9159.	268.0	-63.1	32.6	32.6	-66.7	60.	0.0042	0.0044	0.4445	237.0	36.5
9212.	265.7	-63.4	33.1	33.1	-67.0	60.	0.0041	0.0043	0.4413	238.0	36.1
9263.	263.5	-63.7	33.4	33.4	-67.2	60.	0.0039	0.0041	0.4383	238.0	35.8
9314.	261.3	-63.8	34.0	34.0	-67.4	60.	0.0038	0.0040	0.4348	239.0	35.7
9366.	259.1	-63.8	34.7	34.7	-67.4	60.	0.0036	0.0040	0.4311	239.0	35.4
9423.	256.7	-63.9	35.4	35.4	-67.5	60.	0.0038	0.0040	0.4274	239.0	35.2
9478.	254.4	-64.0	36.1	36.1	-67.6	60.	0.0037	0.0039	0.4237	239.0	34.9
9536.	252.0	-64.1	36.8	36.8	-67.7	60.	0.0037	0.0039	0.4199	240.0	34.6
9594.	249.6	-64.4	37.2	37.2	-68.0	60.	0.0035	0.0037	0.4165	240.0	34.4
9651.	247.3	-64.2	38.3	38.3	-67.8	60.	0.0036	0.0038	0.4123	241.0	34.2
9703.	245.2	-64.1	39.2	39.2	-67.7	60.	0.0037	0.0039	0.4086	241.0	34.0
9755.	243.1	-64.2	39.8	39.8	-67.8	60.	0.0036	0.0038	0.4053	241.0	33.8
9811.	240.9	-64.3	40.5	40.5	-67.9	60.	0.0036	0.0038	0.4018	242.0	33.7
9869.	238.6	-64.3	41.3	41.3	-67.9	60.	0.0036	0.0038	0.3980	242.0	33.5
9923.	236.5	-64.1	42.4	42.4	-67.7	60.	0.0037	0.0039	0.3941	242.0	33.3
9975.	234.5	-63.9	43.5	43.5	-67.5	60.	0.0040	0.0042	0.3904	243.0	33.2
10028.	232.5	-63.9	44.3	44.3	-67.5	60.	0.0038	0.0040	0.3871	243.0	33.1
10078.	230.6	-63.9	45.2	45.2	-67.5	60.	0.0038	0.0040	0.3839	243.0	32.9
10131.	228.6	-63.9	45.9	45.9	-67.5	60.	0.0038	0.0040	0.3806	243.0	32.8
10180.	226.8	-64.0	46.4	46.4	-67.6	60.	0.0037	0.0039	0.3778	243.0	32.6
10228.	225.0	-64.1	46.9	46.9	-67.7	60.	0.0037	0.0039	0.3749	244.0	32.5
10277.	223.2	-64.2	47.6	47.6	-67.6	60.	0.0037	0.0039	0.3718	244.0	32.4
10330.	221.3	-63.9	48.3	48.3	-67.4	60.	0.0038	0.0040	0.3682	244.0	32.3
10382.	219.4	-63.8	49.7	49.7	-67.4	60.	0.0038	0.0040	0.3651	244.0	32.2
10433.	217.6	-63.8	50.5	50.5	-67.4	60.	0.0038	0.0040	0.3621	244.0	32.1
10484.	215.8	-63.8	51.1	51.1	-67.5	60.	0.0038	0.0040	0.3593	244.0	31.9
10532.	214.1	-64.2	51.4	51.4	-67.8	60.	0.0036	0.0038	0.3569	244.0	31.7
10581.	212.4	-63.9	52.0	52.0	-67.5	60.	0.0038	0.0040	0.3536	244.0	31.6
10630.	210.7	-63.6	53.0	53.0	-67.2	60.	0.0040	0.0042	0.3503	245.0	31.4
10680.	209.0	-63.4	54.0	54.0	-67.0	60.	0.0041	0.0043	0.3471	245.0	31.3
10727.	207.4	-63.2	55.0	55.0	-66.8	60.	0.0042	0.0044	0.3441	245.0	31.2
10777.	205.7	-63.2	56.7	56.7	-66.8	60.	0.0042	0.0044	0.3413	245.0	31.1
10831.	203.9	-63.3	57.3	57.3	-66.9	60.	0.0041	0.0043	0.3385	245.0	30.8
10884.	202.2	-63.4	58.1	58.1	-67.0	60.	0.0041	0.0043	0.3358	245.0	30.6
10937.	200.4	-63.5	58.7	58.7	-67.1	60.	0.0040	0.0042	0.3330	245.0	30.5
10996.	198.5	-63.5	59.4	59.4	-67.2	60.	0.0040	0.0042	0.3300	246.0	30.9
11050.	196.6	-63.7	60.2	60.2	-67.3	60.	0.0041	0.0043	0.3270	246.0	30.7
11114.	194.7	-63.8	61.0	61.0	-67.4	60.	0.0040	0.0042	0.3237	247.0	30.7
11171.	192.9	-63.9	62.0	62.0	-67.5	60.	0.0041	0.0043	0.3204	248.0	30.8
11229.	191.2	-63.9	62.8	62.8	-67.5	60.	0.0041	0.0043	0.3174	248.0	30.8
11290.	189.5	-63.9	64.0	64.0	-67.5	60.	0.0041	0.0043	0.3147	248.0	30.9
11332.	187.9	-63.8	64.4	64.4	-67.1	60.	0.0040	0.0042	0.3122	249.0	31.0
11384.	186.3	-63.8	65.3	65.3	-67.2	60.	0.0040	0.0042	0.3097	251.0	31.1
11437.	184.7	-63.8	66.2	66.2	-67.2	60.	0.0040	0.0042	0.3071	250.0	31.1
11487.	183.2	-63.8	67.1	67.1	-67.2	60.	0.0040	0.0042	0.3046	251.0	31.2
11544.	181.5	-63.9	68.2	68.2	-67.3	60.	0.0041	0.0043	0.3014	251.0	31.3
11599.	179.9	-63.9	69.4	69.4	-67.3	60.	0.0041	0.0043	0.2986	251.0	31.6
11653.	178.3	-63.9	70.1	70.1	-67.3	60.	0.0041	0.0043	0.2961	252.0	31.7
11715.	176.6	-63.8	71.2	71.2	-67.2	60.	0.0040	0.0042	0.2939	252.0	31.8
11767.	175.3	-63.8	72.0	72.0	-67.2	60.	0.0040	0.0042	0.2918	252.0	31.9
11810.	173.8	-63.9	71.8	71.8	-67.3	60.	0.0041	0.0043	0.2893	253.0	32.0
11865.	172.4	-63.9	72.6	72.6	-67.3	60.	0.0041	0.0043	0.2870	253.0	32.2
11915.	171.0	-63.9	73.6	73.6	-67.4	60.	0.0041	0.0043	0.2844	253.0	32.4
11963.	169.5	-63.7	74.5	74.5	-67.2	60.	0.0041	0.0043	0.2819	253.0	32.5
12018.	168.0	-63.8	75.3	75.3	-67.4	60.	0.0038	0.0040	0.2796	253.0	32.5
12073.	166.5	-63.8	76.2	76.2	-67.4	60.	0.0040	0.0042	0.2767	253.0	32.6
12124.	165.1	-63.8	76.8	76.8	-67.4	60.	0.0040	0.0042	0.2744	253.0	32.7
12177.	163.7	-63.8	77.6	77.6	-67.4	60.	0.0040	0.0042	0.2719	253.0	32.8
12229.	162.3	-63.8	78.4	78.4	-67.4	60.	0.0040	0.0042	0.2694	253.0	32.9
12283.	160.9	-63.8	79.3	79.3	-67.4	60.	0.0040	0.0042	0.2668	254.0	33.0
12337.	159.5	-63.8	80.1	80.1	-67.4	60.	0.0040	0.0042	0.2644	254.0	33.0
12387.	158.2	-63.8	80.9	80.9	-67.4	60.	0.0040	0.0042	0.2621	254.0	33.0
12438.	156.9	-63.7	81.7	81.7	-67.3	60.	0.0041	0.0043	0.2597	254.0	33.1
12489.	155.6	-63.7	82.4	82.4	-67.3	60.	0.0041	0.0043	0.2576	255.0	33.1
12540.	154.3	-63.8	83.1	83.1	-67.4	60.	0.0040	0.0042	0.2555	255.0	33.1
12592.	153.0	-63.8	83.9	83.9	-67.4	60.	0.0040	0.0042	0.2534	255.0	33.2
12640.	151.8	-63.7	84.7	84.7	-67.4	60.	0.0041	0.0043	0.2511	255.0	33.3
12692.	150.5	-63.8	85.4	85.4	-67.4	60.	0.0040	0.0042	0.2489	255.0	33.4
12741.	149.3	-63.7	86.1	86.1	-67.3	60.	0.0041	0.0043	0.2466	256.0	33.5
12790.	148.1	-63.7	86.8	86.8	-67.3	60.	0.0041	0.0043	0.2447	256.0	33.6
12840.	146.8	-63.7	87.5	87.5	-67.3	60.	0.0041	0.0043	0.2427	256.0	33.6
12890.	145.6	-63.7	88.1	88.1	-67.3	60.	0.0041	0.0043	0.2406	257.0	33.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12457.	144.2	-61.[illegible]	[illegible]	[illegible]	-66.2	60.	[illegible]	0.0044	0.2386	257.0	34.2
12600.	143.0	-62.7	[illegible]	[illegible]	-66.2	60.	[illegible]	0.0047	0.2367	257.0	34.4
12744.	141.8	-62.[illegible]	[illegible]	[illegible]	-66.4	60.	[illegible]	0.0046	0.2350	258.0	34.6
12888.	140.7	-62.[illegible]	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0046	0.2331	258.0	34.8
13032.	139.6	-62.[illegible]	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0045	0.2314	258.0	35.0
13176.	138.5	-62.[illegible]	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0045	0.2296	259.0	35.3
13320.	137.4	-62.[illegible]	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0046	0.2277	259.0	35.5
13465.	136.2	-62.[illegible]	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0046	0.2257	260.0	35.7
13610.	135.1	-62.[illegible]	[illegible]	[illegible]	-66.4	60.	[illegible]	0.0046	0.2236	260.0	35.9
13756.	134.0	-62.7	[illegible]	[illegible]	-66.3	60.	[illegible]	0.0047	0.2217	260.0	36.0
13902.	132.9	-62.7	[illegible]	[illegible]	-66.3	60.	[illegible]	0.0047	0.2198	261.0	36.2
14048.	131.7	-62.8	[illegible]	[illegible]	-66.4	60.	[illegible]	0.0046	0.2181	261.0	36.4
14194.	130.6	-62.8	[illegible]	[illegible]	-66.4	60.	[illegible]	0.0046	0.2163	261.0	36.6
14341.	129.5	-62.7	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0047	0.2144	261.0	36.8
14487.	128.3	-62.8	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0048	0.2125	262.0	36.8
14634.	127.2	-62.8	[illegible]	[illegible]	-66.1	60.	[illegible]	0.0048	0.2105	262.0	36.9
14781.	126.1	-62.8	[illegible]	[illegible]	-66.1	60.	[illegible]	0.0048	0.2089	262.0	36.9
14928.	125.0	-62.8	[illegible]	[illegible]	-66.2	60.	[illegible]	0.0048	0.2073	262.0	37.0
15075.	123.8	-62.8	[illegible]	[illegible]	-66.2	60.	[illegible]	0.0048	0.2057	262.0	37.1
15222.	122.7	-62.8	[illegible]	[illegible]	-66.1	60.	[illegible]	0.0048	0.2041	263.0	37.1
15370.	121.6	-62.8	[illegible]	[illegible]	-66.0	60.	[illegible]	0.0049	0.2022	263.0	37.1
15518.	120.5	-62.8	[illegible]	[illegible]	-65.9	60.	[illegible]	0.0050	0.2005	263.0	37.1
15666.	119.3	-62.8	[illegible]	[illegible]	-65.8	60.	[illegible]	0.0050	0.1986	263.0	37.1
15815.	118.2	-62.8	[illegible]	[illegible]	-65.8	60.	[illegible]	0.0050	0.1969	263.0	37.1
15964.	117.1	-62.8	[illegible]	[illegible]	-65.7	60.	[illegible]	0.0050	0.1950	263.0	37.1
16113.	116.0	-62.8	[illegible]	[illegible]	-65.6	60.	[illegible]	0.0052	0.1934	263.0	37.0
16262.	114.9	-62.8	[illegible]	[illegible]	-65.6	60.	[illegible]	0.0052	0.1917	263.0	36.9
16412.	113.8	-62.8	[illegible]	[illegible]	-65.5	60.	[illegible]	0.0052	0.1900	263.0	36.9
16562.	112.7	-62.8	[illegible]	[illegible]	-65.4	60.	[illegible]	0.0053	0.1882	262.0	36.9
16712.	111.6	-62.8	[illegible]	[illegible]	-65.3	60.	[illegible]	0.0054	0.1866	262.0	36.8
16863.	110.5	-62.8	[illegible]	[illegible]	-65.3	60.	[illegible]	0.0054	0.1849	262.0	36.8
17014.	109.4	-62.8	[illegible]	[illegible]	-65.2	60.	[illegible]	0.0055	0.1834	262.0	36.8
17165.	108.3	-62.8	[illegible]	[illegible]	-65.2	60.	[illegible]	0.0057	0.1815	262.0	36.9
17317.	107.2	-62.8	[illegible]	[illegible]	-65.1	60.	[illegible]	0.0057	0.1798	262.0	37.0
17469.	106.1	-62.8	[illegible]	[illegible]	-65.0	60.	[illegible]	0.0057	0.1783	262.0	37.1
17621.	105.0	-62.8	[illegible]	[illegible]	-64.9	60.	[illegible]	0.0057	0.1769	262.0	37.2
17773.	103.9	-62.8	[illegible]	[illegible]	-64.9	60.	[illegible]	0.0057	0.1754	262.0	37.2
17926.	102.8	-62.8	[illegible]	[illegible]	-64.8	60.	[illegible]	0.0057	0.1737	262.0	37.3
18079.	101.7	-62.8	[illegible]	[illegible]	-64.7	60.	[illegible]	0.0059	0.1721	263.0	37.4
18232.	100.6	-62.8	[illegible]	[illegible]	-64.6	60.	[illegible]	0.0060	0.1705	263.0	37.5
18386.	99.5	-62.8	[illegible]	[illegible]	-64.5	60.	[illegible]	0.0061	0.1691	263.0	37.7
18540.	98.4	-62.8	[illegible]	[illegible]	-64.4	60.	[illegible]	0.0061	0.1678	264.0	37.7
18694.	97.3	-62.8	[illegible]	[illegible]	-64.4	60.	[illegible]	0.0061	0.1664	264.0	37.8
18848.	96.2	-62.8	[illegible]	[illegible]	-64.3	60.	[illegible]	0.0062	0.1649	264.0	38.0
19003.	95.1	-62.8	[illegible]	[illegible]	-64.2	60.	[illegible]	0.0064	0.1634	264.0	38.1
19158.	94.0	-62.8	[illegible]	[illegible]	-64.1	60.	[illegible]	0.0064	0.1621	265.0	38.1
19313.	92.9	-62.8	[illegible]	[illegible]	-64.0	60.	[illegible]	0.0065	0.1607	265.0	38.3
19468.	91.8	-62.8	[illegible]	[illegible]	-63.9	60.	[illegible]	0.0066	0.1594	266.0	38.5
19624.	90.7	-62.8	[illegible]	[illegible]	-63.8	60.	[illegible]	0.0065	0.1580	266.0	38.4
19780.	89.6	-62.8	[illegible]	[illegible]	-63.8	60.	[illegible]	0.0065	0.1567	266.0	38.5
19936.	88.5	-62.8	[illegible]	[illegible]	-63.7	60.	[illegible]	0.0066	0.1553	266.0	38.5
20093.	87.4	-62.8	[illegible]	[illegible]	-63.6	60.	[illegible]	0.0068	0.1537	267.0	38.6
20250.	86.3	-62.8	[illegible]	[illegible]	-63.5	60.	[illegible]	0.0070	0.1523	267.0	38.7
20408.	85.2	-62.8	[illegible]	[illegible]	-63.4	60.	[illegible]	0.0072	0.1507	267.0	38.8
20566.	84.1	-62.8	[illegible]	[illegible]	-63.3	60.	[illegible]	0.0071	0.1493	267.0	38.9
20724.	83.0	-62.8	[illegible]	[illegible]	-63.4	60.	[illegible]	0.0070	0.1480	267.0	39.0
20883.	81.9	-62.8	[illegible]	[illegible]	-63.4	60.	[illegible]	0.0067	0.1468	267.0	39.2
21042.	80.8	-62.8	[illegible]	[illegible]	-63.5	60.	[illegible]	0.0065	0.1454	267.0	39.3
21201.	79.7	-62.8	[illegible]	[illegible]	-63.6	60.	[illegible]	0.0065	0.1442	267.0	39.5
21361.	78.6	-62.8	[illegible]	[illegible]	-63.7	60.	[illegible]	0.0063	0.1429	267.0	39.7
21521.	77.5	-62.8	[illegible]	[illegible]	-63.8	60.	[illegible]	0.0062	0.1416	267.0	40.0
21682.	76.4	-62.8	[illegible]	[illegible]	-63.9	60.	[illegible]	0.0063	0.1401	267.0	40.2
21843.	75.3	-62.8	[illegible]	[illegible]	-64.0	60.	[illegible]	0.0064	0.1395	268.0	40.6
22004.	74.2	-62.8	[illegible]	[illegible]	-64.1	60.	[illegible]	0.0066	0.1369	268.0	40.9
22166.	73.1	-62.8	[illegible]	[illegible]	-64.2	60.	[illegible]	0.0067	0.1355	268.0	41.2
22328.	72.0	-62.8	[illegible]	[illegible]	-64.3	60.	[illegible]	0.0067	0.1343	268.0	41.7
22491.	70.9	-62.8	[illegible]	[illegible]	-64.4	60.	[illegible]	0.0068	0.1328	268.0	42.0
22654.	69.8	-62.8	[illegible]	[illegible]	-64.5	60.	[illegible]	0.0070	0.1314	269.0	42.4
22817.	68.7	-62.8	[illegible]	[illegible]	-64.6	60.	[illegible]	0.0071	0.1302	269.0	42.8
22981.	67.6	-62.8	[illegible]	[illegible]	-64.7	60.	[illegible]	0.0072	0.1288	269.0	43.2
23145.	66.5	-62.8	[illegible]	[illegible]	-64.8	60.	[illegible]	0.0073	0.1277	269.0	43.5
23309.	65.4	-62.8	[illegible]	[illegible]	-64.9	60.	[illegible]	0.0073	0.1263	270.0	43.9
23474.	64.3	-62.8	[illegible]	[illegible]	-65.0	60.	[illegible]	0.0074	0.1251	270.0	44.2
23639.	63.2	-62.8	[illegible]	[illegible]	-65.1	60.	[illegible]	0.0074	0.1239	270.0	44.5
23804.	62.1	-62.8	[illegible]	[illegible]	-65.2	60.	[illegible]	0.0074	0.1228	270.0	44.6
23970.	61.0	-62.8	[illegible]	[illegible]	-65.3	60.	[illegible]	0.0074	0.1217	270.0	44.8
24136.	59.9	-62.8	[illegible]	[illegible]	-65.4	60.	[illegible]	0.0074	0.1205	270.0	44.8
24302.	58.8	-62.8	[illegible]	[illegible]	-65.5	60.	[illegible]	0.0075	0.1193	270.0	44.9
24468.	57.7	-62.8	[illegible]	[illegible]	-65.6	60.	[illegible]	0.0074	0.1182	270.0	45.0
24635.	56.6	-62.8	[illegible]	[illegible]	-65.7	60.	[illegible]	0.0074	0.1171	270.0	45.0
24802.	55.5	-62.8	[illegible]	[illegible]	-65.8	60.	[illegible]	0.0074	0.1160	270.0	45.0
24969.	54.4	-62.8	[illegible]	[illegible]	-65.9	60.	[illegible]	0.0076	0.1149	270.0	45.0
25137.	53.3	-62.8	[illegible]	[illegible]	-66.0	60.	[illegible]	0.0078	0.1136	270.0	44.9
25305.	52.2	-62.8	[illegible]	[illegible]	-66.1	60.	[illegible]	0.0081	0.1124	270.0	44.9
25473.	51.1	-62.8	[illegible]	[illegible]	-66.2	60.	[illegible]	0.0083	0.1111	270.0	44.8
25642.	50.0	-62.8	[illegible]	[illegible]	-66.3	60.	[illegible]	0.0086	0.1100	270.0	44.8
25811.	48.9	-62.8	[illegible]	[illegible]	-66.4	60.	[illegible]	0.0089	0.1087	270.0	44.7
25980.	47.8	-62.8	[illegible]	[illegible]	-66.5	60.	[illegible]	0.0093	0.1076	270.0	44.7
26150.	46.7	-62.8	[illegible]	[illegible]	-66.6	60.	[illegible]	0.0098	0.1063	270.0	44.7
26320.	45.6	-62.8	[illegible]	[illegible]	-66.7	60.	[illegible]	0.0101	0.1052	270.0	44.7
26490.	44.5	-62.8	[illegible]	[illegible]	-66.8	60.	[illegible]	0.0104	0.1041	270.0	44.7
26661.	43.4	-62.8	[illegible]	[illegible]	-66.9	60.	[illegible]	0.0105	0.1031	270.0	44.8
26832.	42.3	-62.8	[illegible]	[illegible]	-67.0	60.	[illegible]	0.0107	0.1021	270.0	44.8
27003.	41.2	-62.8	[illegible]	[illegible]	-67.1	60.	[illegible]	0.0109	0.1010	270.0	44.9
27175.	40.1	-62.8	[illegible]	[illegible]	-67.2	60.	[illegible]	0.0114	0.0999	270.0	45.0
27347.	39.0	-62.8	[illegible]	[illegible]	-67.3	60.	[illegible]	0.0116	0.0989	270.0	45.1
27520.	37.9	-62.8	[illegible]	[illegible]	-67.4	60.	[illegible]	0.0114	0.0980	270.0	45.2
27693.	36.8	-62.8	[illegible]	[illegible]	-67.5	60.	[illegible]	0.0112	0.0971	270.0	45.3
27866.	35.7	-62.8	[illegible]	[illegible]	-67.6	60.	[illegible]	0.0111	0.0963	270.0	45.3
28040.	34.6	-62.8	[illegible]	[illegible]	-67.7	60.	[illegible]	0.0112	0.0955	270.0	45.4
28214.	33.5	-62.8	[illegible]	[illegible]	-67.8	60.	[illegible]	0.0114	0.0945	270.0	45.4
28389.	32.4	-62.8	[illegible]	[illegible]	-67.9	60.	[illegible]	0.0116	0.0936	270.0	45.6
28564.	31.3	-62.8	[illegible]	[illegible]	-68.0	60.	[illegible]	0.0118	0.0927	271.0	45.1
28739.	30.2	-62.8	[illegible]	[illegible]	-68.1	60.	[illegible]	0.0119	0.0919	272.0	44.8
28915.	29.1	-62.8	[illegible]	[illegible]	-68.2	60.	[illegible]	0.0118	0.0910	273.0	44.3

SOUNDING 48.[illegible]
LATITUDE -61.[illegible] LONGITUDE 1.1
DATE 11- 7-84 TIME 2335 GMT
NUMBER OF LEVELS 474

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*PHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	951.6	-3.[illegible]	-2.[illegible]	-2.1	-5.4	83.	[illegible]	3.1578	1.2529	341.0	[illegible]
54.	944.2	-3.4	-2.[illegible]	-1.8	-5.[illegible]	83.	[illegible]	3.1071	1.2741	342.0	[illegible]
117.	936.8	-3.7	-1.9	-1.[illegible]	-5.[illegible]	[illegible]	[illegible]	3.[illegible]	1.2659	343.0	[illegible]
176.	929.7	-4.[illegible]	-1.[illegible]	-1.[illegible]	-6.[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	344.0	[illegible]
235.	922.5	-4.[illegible]	-1.[illegible]	-1.[illegible]	-6.[illegible]	[illegible]	[illegible]	2.8882	1.2566	345.0	11.4
294.	915.3	-4.[illegible]	-1.1	-1.[illegible]	-6.[illegible]	[illegible]	[illegible]	2.8184	1.2429	347.0	12.6
341.	909.5	-4.[illegible]	-1.[illegible]	-0.[illegible]	-7.[illegible]	[illegible]	3.4[illegible]	2.7727	1.2355	348.0	13.5
393.	903.3	-5.[illegible]	-1.[illegible]	-0.[illegible]	-7.[illegible]	83.	[illegible]	2.7085	1.2286	349.0	14.0
441.	897.3	-5.[illegible]	-1.[illegible]	-0.1	-7.[illegible]	83.	[illegible]	2.6615	1.2217	350.0	14.4
488.	891.6	-5.[illegible]	-1.[illegible]	-0.4	-7.7	[illegible]	[illegible]	2.6161	1.2144	351.0	14.6
547.	884.0	-5.[illegible]	-1.[illegible]	-0.[illegible]	-7.[illegible]	[illegible]	[illegible]	2.5542	1.2076	352.0	14.[illegible]
596.	877.8	-6.[illegible]	-1.[illegible]	-0.[illegible]	-8.1	83.	[illegible]	2.5125	1.2011	353.0	14.5
642.	872.0	-6.[illegible]	-1.[illegible]	1.1	-8.[illegible]	83.	[illegible]	2.4713	1.1949	354.0	14.[illegible]
694.	865.6	-6.[illegible]	1.1	1.4	-8.[illegible]	[illegible]	[illegible]	2.4337	1.1882	355.0	14.7
745.	859.8	-6.[illegible]	1.4	1.7	-8.7	83.	[illegible]	2.3908	1.1810	356.0	14.6
794.	854.2	-6.[illegible]	1.7	2.[illegible]	-8.[illegible]	83.	[illegible]	2.3514	1.1745	356.0	14.6
842.	848.7	-7.1	1.[illegible]	2.[illegible]	-9.2	83.	[illegible]	2.2934	1.1686	1.0	14.4
892.	843.0	-7.[illegible]	1.[illegible]	2.[illegible]	-9.[illegible]	83.	[illegible]	2.2104	1.1628	361.0	14.3
945.	837.0	-7.[illegible]	2.1	2.4	-10.[illegible]	83.	[illegible]	2.1458	1.1566	362.0	14.4
1000.	832.0	-8.[illegible]	2.[illegible]	2.[illegible]	-10.3	83.	[illegible]	2.0922	1.1497	363.0	14.4
1054.	826.8	-8.[illegible]	2.[illegible]	2.[illegible]	-11.[illegible]	83.	[illegible]	2.0401	1.1432	364.0	14.6
1107.	821.8	-8.8	2.8	3.1	-12.[illegible]	83.	[illegible]	1.9895	1.1364	365.0	14.7
1162.	816.7	-9.1	3.[illegible]	3.[illegible]	-11.2	83.	[illegible]	1.9395	1.1295	366.0	14.[illegible]
1215.	811.8	-9.[illegible]	3.[illegible]	3.[illegible]	-11.4	83.	[illegible]	1.9077	1.1226	367.0	14.[illegible]
1267.	806.1	-9.4	3.8	4.1	-11.[illegible]	83.	[illegible]	1.8514	1.1155	368.0	14.[illegible]
1319.	801.5	-9.5	4.[illegible]	4.5	-11.6	83.	[illegible]	1.8743	1.1065	369.0	14.1
1370.	796.9	-9.[illegible]	4.4	4.7	-11.[illegible]	83.	[illegible]	1.8278	1.1023	370.0	14.4
1424.	792.1	-9.[illegible]	4.9	5.[illegible]	-12.[illegible]	83.	[illegible]	1.8122	1.0958	371.0	14.6
1475.	787.3	-10.[illegible]	5.1	5.4	-12.3	83.	[illegible]	1.7665	1.0885	372.0	14.1
1531.	782.7	-10.5	5.3	5.6	-12.6	83.	[illegible]	1.7215	1.0823	373.0	14.2
1581.	778.4	-10.7	5.[illegible]	5.[illegible]	-12.[illegible]	83.	[illegible]	1.6927	1.0760	374.0	14.[illegible]
1634.	773.8	-10.[illegible]	6.[illegible]	6.[illegible]	-13.[illegible]	83.	[illegible]	1.6643	1.0695	375.0	14.5
1686.	769.4	-11.2	6.[illegible]	6.5	-13.3	83.	[illegible]	1.6217	1.0634	376.0	14.[illegible]
1738.	765.0	-11.4	6.[illegible]	6.8	-13.5	83.	[illegible]	1.5941	1.0570	377.0	14.7
1792.	760.5	-11.[illegible]	6.[illegible]	7.1	-13.7	83.	[illegible]	1.5666	1.0504	378.0	14.[illegible]
1845.	756.0	-11.[illegible]	7.1	7.4	-14.0	83.	[illegible]	1.5264	1.0443	379.0	17.0
1898.	751.6	-12.1	7.4	7.7	-14.1	83.	[illegible]	1.5006	1.0378	379.0	17.2
1952.	747.1	-12.3	7.[illegible]	8.[illegible]	-14.3	83.	[illegible]	1.4745	1.0313	379.0	17.4
2006.	742.5	-12.[illegible]	8.2	8.[illegible]	-14.[illegible]	83.	[illegible]	1.4490	1.0245	379.0	17.4
2063.	738.0	-12.7	8.[illegible]	8.[illegible]	-14.7	83.	[illegible]	1.4248	1.0179	379.0	17.[illegible]
2117.	733.6	-12.[illegible]	8.[illegible]	9.1	-14.[illegible]	83.	[illegible]	1.4000	1.0115	379.0	17.8
2171.	729.3	-13.[illegible]	9.4	9.6	-15.[illegible]	83.	[illegible]	1.3753	1.0048	379.0	18.[illegible]
2227.	724.8	-13.[illegible]	9.[illegible]	10.2	-15.[illegible]	83.	[illegible]	1.3512	0.9974	379.0	18.2
2282.	720.4	-13.[illegible]	10.[illegible]	10.[illegible]	-15.[illegible]	83.	[illegible]	1.3278	0.9909	379.0	18.[illegible]
2338.	716.0	-13.[illegible]	10.[illegible]	10.[illegible]	-15.[illegible]	83.	[illegible]	1.3044	0.9847	379.0	18.[illegible]
2394.	711.6	-13.[illegible]	11.[illegible]	11.[illegible]	-15.[illegible]	83.	[illegible]	1.2814	0.9775	379.0	18.[illegible]
2450.	707.2	-13.[illegible]	11.[illegible]	11.[illegible]	-15.[illegible]	83.	[illegible]	1.2585	0.9705	379.0	18.[illegible]
2508.	702.8	-13.[illegible]	12.[illegible]	12.[illegible]	-15.[illegible]	83.	[illegible]	1.2359	0.9645	379.0	18.[illegible]
2567.	698.4	-14.[illegible]	12.[illegible]	12.[illegible]	-15.[illegible]	83.	[illegible]	1.2135	0.9588	379.0	18.[illegible]
2627.	694.0	-14.4	12.[illegible]	12.[illegible]	-15.[illegible]	83.	[illegible]	1.1915	0.9525	379.0	18.[illegible]
2687.	689.6	-14.5	13.[illegible]	13.[illegible]	-15.[illegible]	83.	[illegible]	1.1696	0.9462	379.0	18.[illegible]
2748.	685.2	-14.6	13.[illegible]	13.7	-15.6	83.	[illegible]	1.1480	0.9399	379.0	18.8
2808.	680.8	-14.[illegible]	13.9	14.1	-15.[illegible]	83.	[illegible]	1.1267	0.9339	379.0	19.[illegible]
2869.	676.4	-15.1	14.[illegible]	14.[illegible]	-17.1	83.	[illegible]	1.1056	0.9286	381.0	20.[illegible]
2932.	672.0	-15.[illegible]	14.[illegible]	14.[illegible]	-17.[illegible]	83.	[illegible]	1.0844	0.9180	381.0	20.[illegible]
2995.	667.5	-16.1	14.7	14.[illegible]	-18.1	83.	[illegible]	1.0426	0.9124	379.0	20.[illegible]
3059.	663.1	-16.[illegible]	14.[illegible]	15.[illegible]	-18.[illegible]	83.	[illegible]	1.0218	0.9073	378.0	20.[illegible]
3123.	658.7	-16.[illegible]	15.[illegible]	15.[illegible]	-18.[illegible]	83.	[illegible]	1.0013	0.9018	377.0	20.[illegible]
3188.	654.3	-16.[illegible]	15.[illegible]	15.[illegible]	-18.[illegible]	83.	[illegible]	0.9810	0.8965	376.0	20.[illegible]
3253.	649.9	-17.1	15.[illegible]	15.[illegible]	-19.1	83.	[illegible]	0.9609	0.8910	375.0	20.[illegible]
3319.	645.5	-17.[illegible]	15.[illegible]	15.[illegible]	-19.[illegible]	83.	[illegible]	0.9410	0.8855	374.0	20.[illegible]
3385.	641.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.9213	0.8803	374.0	20.[illegible]
3452.	636.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.9018	0.8752	374.0	20.[illegible]
3520.	632.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.8825	0.8699	374.0	20.[illegible]
3588.	627.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.8634	0.8647	374.0	20.[illegible]
3657.	623.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.8445	0.8594	374.0	20.[illegible]
3726.	619.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.8258	0.8542	374.0	20.[illegible]
3796.	614.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.8073	0.8490	374.0	20.[illegible]
3867.	610.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.7890	0.8438	374.0	20.[illegible]
3938.	605.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.7709	0.8386	374.0	20.[illegible]
4010.	601.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.7530	0.8334	374.0	20.[illegible]
4083.	597.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.7353	0.8282	374.0	20.[illegible]
4156.	592.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.7178	0.8230	374.0	20.[illegible]
4230.	588.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.7005	0.8178	374.0	20.[illegible]
4305.	583.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.6834	0.8126	374.0	20.[illegible]
4380.	579.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.6665	0.8074	374.0	20.[illegible]
4456.	575.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.6498	0.8022	374.0	20.[illegible]
4533.	570.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.6333	0.7970	374.0	20.[illegible]
4610.	566.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.6170	0.7918	374.0	20.[illegible]
4688.	561.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.6009	0.7866	374.0	20.[illegible]
4767.	557.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.5850	0.7814	374.0	20.[illegible]
4846.	553.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.5693	0.7762	374.0	20.[illegible]
4926.	548.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.5538	0.7710	374.0	20.[illegible]
5006.	544.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.5385	0.7658	374.0	20.[illegible]
5087.	539.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.5234	0.7606	374.0	20.[illegible]
5169.	535.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.5085	0.7554	374.0	20.[illegible]
5251.	531.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4938	0.7502	374.0	20.[illegible]
5334.	526.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4793	0.7450	374.0	20.[illegible]
5418.	522.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4650	0.7398	374.0	20.[illegible]
5502.	517.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4509	0.7346	374.0	20.[illegible]
5587.	513.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4370	0.7294	374.0	20.[illegible]
5673.	509.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4233	0.7242	374.0	20.[illegible]
5759.	504.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.4098	0.7190	374.0	20.[illegible]
5846.	500.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3965	0.7138	374.0	20.[illegible]
5934.	495.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3834	0.7086	374.0	20.[illegible]
6023.	491.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3705	0.7034	374.0	20.[illegible]
6112.	487.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3578	0.6982	374.0	20.[illegible]
6202.	482.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3453	0.6930	374.0	20.[illegible]
6293.	478.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3330	0.6878	374.0	20.[illegible]
6385.	473.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3209	0.6826	374.0	20.[illegible]
6477.	469.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.3090	0.6774	374.0	20.[illegible]
6570.	465.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2973	0.6722	374.0	20.[illegible]
6664.	460.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2858	0.6670	374.0	20.[illegible]
6759.	456.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2745	0.6618	374.0	20.[illegible]
6854.	451.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2634	0.6566	374.0	20.[illegible]
6950.	447.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2525	0.6514	374.0	20.[illegible]
7047.	443.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2418	0.6462	374.0	20.[illegible]
7145.	438.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2313	0.6410	374.0	20.[illegible]
7244.	434.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2210	0.6358	374.0	20.[illegible]
7344.	429.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2109	0.6306	374.0	20.[illegible]
7444.	425.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.2010	0.6254	374.0	20.[illegible]
7545.	421.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1913	0.6202	374.0	20.[illegible]
7647.	416.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1818	0.6150	374.0	20.[illegible]
7750.	412.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1725	0.6098	374.0	20.[illegible]
7854.	407.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1634	0.6046	374.0	20.[illegible]
7959.	403.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1545	0.5994	374.0	20.[illegible]
8065.	399.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1458	0.5942	374.0	20.[illegible]
8172.	394.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1373	0.5890	374.0	20.[illegible]
8280.	390.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1290	0.5838	374.0	20.[illegible]
8389.	385.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1209	0.5786	374.0	20.[illegible]
8499.	381.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1130	0.5734	374.0	20.[illegible]
8610.	377.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.1053	0.5682	374.0	20.[illegible]
8722.	372.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0978	0.5630	374.0	20.[illegible]
8835.	368.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0905	0.5578	374.0	20.[illegible]
8949.	363.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0834	0.5526	374.0	20.[illegible]
9064.	359.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0765	0.5474	374.0	20.[illegible]
9180.	355.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0698	0.5422	374.0	20.[illegible]
9297.	350.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0633	0.5370	374.0	20.[illegible]
9415.	346.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0570	0.5318	374.0	20.[illegible]
9534.	341.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0509	0.5266	374.0	20.[illegible]
9654.	337.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0450	0.5214	374.0	20.[illegible]
9775.	333.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0393	0.5162	374.0	20.[illegible]
9897.	328.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0338	0.5110	374.0	20.[illegible]
10020.	324.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0285	0.5058	374.0	20.[illegible]
10144.	319.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0234	0.5006	374.0	20.[illegible]
10269.	315.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0185	0.4954	374.0	20.[illegible]
10395.	311.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0138	0.4902	374.0	20.[illegible]
10522.	306.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0093	0.4850	374.0	20.[illegible]
10650.	302.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0050	0.4798	374.0	20.[illegible]
10779.	297.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0009	0.4746	374.0	20.[illegible]
10909.	293.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4694	374.0	20.[illegible]
11040.	289.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4642	374.0	20.[illegible]
11172.	284.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4590	374.0	20.[illegible]
11305.	280.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4538	374.0	20.[illegible]
11439.	275.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4486	374.0	20.[illegible]
11574.	271.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4434	374.0	20.[illegible]
11710.	267.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4382	374.0	20.[illegible]
11847.	262.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4330	374.0	20.[illegible]
11985.	258.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4278	374.0	20.[illegible]
12124.	253.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4226	374.0	20.[illegible]
12264.	249.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4174	374.0	20.[illegible]
12405.	245.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4122	374.0	20.[illegible]
12547.	240.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4070	374.0	20.[illegible]
12690.	236.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.4018	374.0	20.[illegible]
12834.	231.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3966	374.0	20.[illegible]
12979.	227.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3914	374.0	20.[illegible]
13125.	223.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3862	374.0	20.[illegible]
13272.	218.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3810	374.0	20.[illegible]
13420.	214.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3758	374.0	20.[illegible]
13569.	209.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3706	374.0	20.[illegible]
13719.	205.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3654	374.0	20.[illegible]
13870.	201.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3602	374.0	20.[illegible]
14022.	196.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3550	374.0	20.[illegible]
14175.	192.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3498	374.0	20.[illegible]
14329.	187.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3446	374.0	20.[illegible]
14484.	183.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3394	374.0	20.[illegible]
14640.	179.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3342	374.0	20.[illegible]
14797.	174.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3290	374.0	20.[illegible]
14955.	170.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3238	374.0	20.[illegible]
15114.	165.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3186	374.0	20.[illegible]
15274.	161.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3134	374.0	20.[illegible]
15435.	157.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3082	374.0	20.[illegible]
15597.	152.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.3030	374.0	20.[illegible]
15760.	148.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2978	374.0	20.[illegible]
15924.	143.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2926	374.0	20.[illegible]
16089.	139.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2874	374.0	20.[illegible]
16255.	135.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2822	374.0	20.[illegible]
16422.	130.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2770	374.0	20.[illegible]
16590.	126.3	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2718	374.0	20.[illegible]
16759.	121.9	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2666	374.0	20.[illegible]
16929.	117.5	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2614	374.0	20.[illegible]
17100.	113.1	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2562	374.0	20.[illegible]
17272.	108.7	-17.[illegible]	15.[illegible]	16.[illegible]	-19.[illegible]	83.	[illegible]	0.0000	0.2510	374.0	20.[illegible]
17445.	104.3	-17

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5638.	466.2	-36.7	20.9	20.9	-38.4	83.	0.1545	0.1426	0.6870	274.0	25.4
5699.	462.1	-37.1	21.1	21.2	-38.8	83.	0.1478	0.1367	0.6821	274.0	25.3
5760.	458.1	-37.7	21.1	21.1	-39.4	83.	0.1383	0.1282	0.6779	274.0	25.3
5822.	453.9	-38.2	21.3	21.3	-39.9	83.	0.1314	0.1215	0.6731	273.0	25.2
5884.	449.8	-38.7	21.4	21.4	-40.4	83.	0.1257	0.1152	0.6685	272.0	25.1
5942.	446.0	-39.2	21.5	21.6	-40.8	83.	0.1170	0.1091	0.6642	272.0	25.1
6001.	442.2	-39.6	21.7	21.7	-41.2	83.	0.1118	0.1045	0.6597	271.0	25.0
6056.	438.6	-40.1	21.8	21.8	-41.7	83.	0.1057	0.0990	0.6557	271.0	24.9
6114.	434.9	-40.5	22.0	22.0	-42.1	83.	0.1010	0.0947	0.6513	270.0	24.7
6174.	431.1	-41.0	22.2	22.2	-42.5	83.	0.0965	0.0907	0.6467	270.0	24.6
6232.	427.4	-41.3	22.4	22.4	-42.9	83.	0.0922	0.0868	0.6423	270.0	24.5
6293.	423.6	-41.7	22.7	22.7	-43.3	83.	0.0881	0.0830	0.6377	270.0	24.4
6354.	419.9	-42.1	22.9	22.9	-43.7	83.	0.0841	0.0794	0.6332	269.0	24.3
6412.	416.2	-42.6	23.0	23.0	-44.2	83.	0.0794	0.0751	0.6290	269.0	24.3
6469.	412.7	-43.1	23.1	23.1	-44.7	83.	0.0749	0.0710	0.6250	269.0	24.2
6524.	409.3	-43.5	23.2	23.3	-45.1	83.	0.0715	0.0679	0.6209	269.0	24.2
6582.	405.8	-43.9	23.5	23.5	-45.5	83.	0.0682	0.0649	0.6167	268.0	24.1
6638.	402.4	-44.2	23.7	23.7	-45.9	83.	0.0651	0.0621	0.6126	269.0	24.0
6693.	399.1	-44.7	23.8	23.8	-46.3	83.	0.0621	0.0593	0.6086	268.0	24.0
6747.	395.9	-45.1	24.0	24.0	-46.7	83.	0.0592	0.0567	0.6048	268.0	24.0
6800.	392.8	-45.6	24.1	24.1	-47.2	83.	0.0558	0.0535	0.6011	269.0	24.0
6855.	389.5	-46.1	24.1	24.1	-47.7	83.	0.0526	0.0505	0.5977	269.0	24.0
6907.	386.5	-46.5	24.2	24.2	-48.0	83.	0.0501	0.0483	0.5941	269.0	24.1
6958.	383.5	-46.9	24.4	24.4	-48.4	83.	0.0478	0.0461	0.5905	269.0	24.1
7008.	380.6	-47.3	24.5	24.5	-48.8	83.	0.0456	0.0440	0.5871	269.0	24.2
7059.	377.5	-47.7	24.5	24.5	-49.2	83.	0.0434	0.0420	0.5840	270.0	24.3
7108.	374.9	-48.1	24.7	24.7	-49.6	83.	0.0413	0.0401	0.5804	270.0	24.4
7159.	372.0	-48.5	24.8	24.8	-50.0	83.	0.0394	0.0382	0.5769	270.0	24.5
7212.	369.0	-48.8	25.1	25.1	-50.3	83.	0.0380	0.0369	0.5730	270.0	24.6
7262.	366.2	-49.2	25.4	25.4	-50.6	83.	0.0366	0.0356	0.5694	270.0	24.8
7314.	363.3	-49.6	25.5	25.6	-51.0	83.	0.0348	0.0340	0.5659	270.0	25.0
7366.	360.4	-49.9	25.7	25.7	-51.4	83.	0.0332	0.0324	0.5624	270.0	25.2
7413.	357.8	-50.3	25.7	25.7	-51.8	83.	0.0316	0.0309	0.5593	270.0	25.4
7462.	355.1	-50.7	25.8	25.9	-52.2	83.	0.0300	0.0295	0.5561	270.0	25.7
7507.	352.7	-51.1	25.9	25.9	-52.6	83.	0.0286	0.0281	0.5534	270.0	25.9
7557.	350.0	-51.4	26.1	26.1	-52.9	83.	0.0275	0.0271	0.5499	270.0	26.1
7607.	347.3	-51.8	26.3	26.3	-53.3	83.	0.0262	0.0258	0.5466	270.0	26.3
7657.	344.6	-52.2	26.4	26.4	-53.7	83.	0.0249	0.0246	0.5433	270.0	26.5
7708.	341.9	-52.7	26.4	26.4	-54.2	83.	0.0234	0.0231	0.5403	270.0	26.7
7762.	339.0	-53.1	26.6	26.6	-54.6	83.	0.0222	0.0220	0.5367	270.0	26.9
7814.	336.3	-53.5	26.7	26.7	-55.0	83.	0.0211	0.0210	0.5334	269.0	27.0
7862.	333.8	-54.0	26.7	26.7	-55.4	83.	0.0198	0.0197	0.5306	269.0	27.2
7910.	331.3	-54.5	26.8	26.8	-55.9	83.	0.0186	0.0185	0.5279	269.0	27.3
7957.	328.9	-54.9	26.7	26.7	-56.3	83.	0.0176	0.0176	0.5250	268.0	27.4
8004.	326.5	-55.3	26.8	26.8	-56.7	83.	0.0167	0.0168	0.5221	268.0	27.5
8048.	324.2	-55.7	26.8	26.8	-57.1	83.	0.0159	0.0159	0.5194	267.0	27.5
8094.	321.9	-56.1	26.9	26.9	-57.5	83.	0.0151	0.0152	0.5167	267.0	27.5
8141.	319.5	-56.5	27.0	27.0	-57.9	83.	0.0143	0.0144	0.5138	267.0	27.6
8189.	317.1	-56.9	27.1	27.1	-58.3	83.	0.0136	0.0137	0.5106	267.0	27.6
8237.	314.7	-57.3	27.2	27.2	-58.7	83.	0.0129	0.0130	0.5079	267.0	27.6
8283.	312.4	-57.6	27.4	27.4	-59.0	83.	0.0124	0.0125	0.5049	267.0	27.7
8329.	310.1	-58.0	27.4	27.4	-59.4	83.	0.0117	0.0119	0.5021	267.0	27.7
8374.	307.9	-58.4	27.5	27.5	-59.8	83.	0.0111	0.0113	0.4995	267.0	27.7
8421.	305.6	-58.8	27.6	27.6	-60.2	83.	0.0105	0.0107	0.4967	267.0	27.8
8466.	303.4	-59.1	27.6	27.6	-60.5	83.	0.0100	0.0103	0.4938	267.0	27.8
8512.	301.2	-59.5	28.1	28.1	-60.7	83.	0.0095	0.0101	0.4907	267.0	27.8
8558.	299.0	-59.9	28.5	28.5	-61.9	83.	0.0090	0.0098	0.4875	267.0	27.9
8604.	296.8	-59.7	28.7	28.7	-61.2	83.	0.0092	0.0094	0.4646	267.0	28.0
8649.	294.7	-60.3	28.8	28.8	-61.7	83.	0.0086	0.0088	0.4823	267.0	28.0
8695.	292.6	-60.7	28.8	28.8	-62.1	83.	0.0082	0.0084	0.4798	267.0	28.0
8737.	290.5	-61.1	28.7	28.7	-62.5	83.	0.0077	0.0081	0.4772	267.0	28.1
8784.	288.5	-61.6	28.8	28.8	-62.9	83.	0.0072	0.0074	0.4748	267.0	28.1
8829.	286.2	-62.0	28.7	28.7	-63.3	83.	0.0068	0.0071	0.4722	267.0	28.2
8877.	284.0	-62.3	28.9	28.9	-63.6	83.	0.0066	0.0068	0.4692	267.0	28.3
8927.	281.7	-62.7	29.1	29.1	-64.0	83.	0.0062	0.0064	0.4663	267.0	28.4
8979.	279.4	-63.1	29.1	29.2	-64.4	83.	0.0059	0.0061	0.4640	267.0	28.5
9011.	277.9	-63.4	29.2	29.2	-64.7	83.	0.0056	0.0058	0.4616	267.0	28.6
9056.	275.9	-63.7	29.4	29.4	-65.0	83.	0.0054	0.0056	0.4589	267.0	28.7
9102.	273.8	-64.1	29.5	29.5	-65.4	83.	0.0051	0.0057	0.4563	268.0	28.8
9151.	271.6	-64.4	29.8	29.8	-65.7	83.	0.0048	0.0051	0.4532	268.0	29.1
9198.	269.5	-64.8	30.1	30.1	-66.1	83.	0.0046	0.0050	0.4502	268.0	29.2
9246.	267.4	-65.2	30.5	30.5	-66.5	83.	0.0044	0.0048	0.4471	268.0	29.3
9296.	265.3	-65.6	30.8	30.8	-66.9	83.	0.0042	0.0046	0.4442	267.0	29.5
9346.	263.2	-65.9	31.1	31.1	-67.2	83.	0.0041	0.0043	0.4413	268.0	29.6
9391.	261.1	-66.3	31.4	31.4	-67.6	83.	0.0041	0.0043	0.4382	268.0	29.8
9437.	259.1	-66.7	31.6	31.6	-68.0	83.	0.0040	0.0042	0.4353	268.0	29.9
9482.	257.2	-66.9	32.1	32.1	-68.3	83.	0.0039	0.0041	0.4325	267.0	30.1
9527.	255.3	-67.1	32.6	32.6	-68.4	83.	0.0038	0.0042	0.4295	267.0	30.2
9572.	253.4	-68.1	33.2	33.2	-69.4	83.	0.0038	0.0040	0.4263	267.0	30.4
9620.	251.4	-68.1	34.0	34.0	-69.4	83.	0.0037	0.0040	0.4230	267.0	30.5
9668.	249.5	-68.2	34.5	34.5	-69.5	83.	0.0037	0.0040	0.4200	267.0	30.6
9716.	247.7	-68.2	35.1	35.1	-69.5	83.	0.0037	0.0040	0.4170	267.0	30.7
9766.	245.8	-68.2	35.8	35.8	-69.5	83.	0.0037	0.0040	0.4138	267.0	30.8
9801.	244.5	-68.4	36.2	36.2	-69.7	83.	0.0037	0.0039	0.4111	266.0	30.9
9845.	242.9	-68.6	36.8	36.8	-69.9	83.	0.0036	0.0038	0.4085	266.0	31.0
9885.	241.5	-68.7	37.1	37.1	-69.9	83.	0.0035	0.0037	0.4055	266.0	31.0
9943.	239.4	-68.7	37.7	37.7	-69.9	83.	0.0035	0.0037	0.4023	266.0	31.0
9982.	238.0	-68.8	38.4	38.4	-69.9	83.	0.0035	0.0037	0.3991	266.0	31.0
10067.	234.8	-68.7	39.2	39.2	-69.8	83.	0.0035	0.0037	0.3959	265.0	31.0
10092.	233.7	-68.6	40.1	40.1	-69.7	83.	0.0035	0.0038	0.3925	265.0	31.0
10134.	232.9	-68.5	40.9	40.9	-69.7	83.	0.0035	0.0038	0.3892	265.0	30.7
10181.	231.1	-68.0	41.5	41.5	-69.2	83.	0.0035	0.0038	0.3864	265.0	30.5
10231.	229.2	-68.0	41.9	41.9	-69.1	83.	0.0035	0.0037	0.3836	264.0	30.4
10282.	227.3	-67.9	42.4	42.4	-69.1	83.	0.0035	0.0036	0.3807	264.0	30.3
10332.	225.5	-67.8	42.8	42.8	-68.9	83.	0.0035	0.0035	0.3780	264.0	30.2
10387.	223.6	-67.7	43.2	43.2	-68.8	83.	0.0035	0.0034	0.3755	264.0	30.1
10426.	222.1	-67.7	44.0	44.0	-68.8	83.	0.0035	0.0035	0.3723	263.0	29.9
10467.	220.5	-67.6	45.0	45.0	-68.8	83.	0.0034	0.0034	0.3692	263.0	29.7
10511.	218.9	-67.5	45.8	45.8	-68.8	83.	0.0034	0.0034	0.3665	263.0	29.4
10561.	217.1	-67.5	46.5	46.5	-68.8	83.	0.0035	0.0035	0.3636	262.0	29.2
10609.	215.4	-67.5	46.9	46.9	-68.8	83.	0.0034	0.0034	0.3611	262.0	29.0
10657.	213.7	-67.4	47.4	47.4	-68.7	83.	0.0034	0.0034	0.3584	262.0	28.8
10705.	212.0	-67.4	48.0	48.0	-68.7	83.	0.0034	0.0034	0.3556	261.0	28.6
10751.	210.4	-67.4	48.6	48.6	-68.7	83.	0.0034	0.0034	0.3529	259.0	28.4
10799.	208.8	-67.4	49.2	49.2	-68.8	83.	0.0034	0.0034	0.3500	257.0	28.2
10844.	207.2	-67.4	50.0	50.0	-68.8	83.	0.0035	0.0034	0.3469	256.0	27.9
10892.	205.6	-66.7	51.0	51.0	-68.1	83.	0.0034	0.0034	0.3439	256.0	27.7
10939.	204.1	-66.7	52.1	52.1	-68.1	83.	0.0035	0.0037	0.3412	256.0	27.4
10981.	202.6	-66.6	53.7	53.7	-67.9	83.	0.0034	0.0034	0.3383	254.9	27.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11027.	199.1	-66.3	54.8	54.8	-67.6	83.	0.0677	0.0039	0.3553	253.0	27.7
11069.	197.7	-66.2	55.7	55.7	-67.5	83.	0.0688	0.0040	0.3528	251.0	28.4
11118.	196.1	-66.1	56.6	56.6	-67.4	83.	0.0698	0.0040	0.3499	250.0	27.6
11165.	194.6	-66.1	57.3	57.3	-67.4	83.	0.0708	0.0040	0.3474	89.9	27.9
11212.	193.1	-66.1	58.0	58.0	-67.4	83.	0.0718	0.0040	0.3449	89.9	28.0
11258.	191.7	-66.1	58.7	58.7	-67.4	83.	0.0728	0.0040	0.3425	268.0	27.9
11303.	190.3	-66.0	59.6	59.6	-67.3	83.	0.0738	0.0041	0.3400	89.9	28.0
11349.	188.9	-66.0	60.3	60.3	-67.3	83.	0.0748	0.0041	0.3377	89.9	28.1
11397.	187.6	-66.0	60.9	60.9	-67.3	83.	0.0758	0.0041	0.3355	89.9	28.2
11442.	186.2	-66.0	61.7	61.7	-67.3	83.	0.0769	0.0041	0.3331	89.9	28.3
11488.	184.8	-65.9	62.5	62.5	-67.2	83.	0.0780	0.0042	0.3306	89.9	28.4
11521.	183.5	-65.9	63.2	63.2	-67.2	83.	0.0789	0.0042	0.3284	89.9	28.5
11567.	182.1	-65.9	64.0	64.0	-67.2	83.	0.0800	0.0042	0.3261	89.9	28.6
11610.	180.8	-65.9	64.6	64.6	-67.2	83.	0.0810	0.0042	0.3239	89.9	28.7
11654.	179.5	-65.9	65.3	65.3	-67.2	83.	0.0820	0.0042	0.3217	89.9	28.8
11698.	178.2	-65.8	66.2	66.2	-67.1	83.	0.0830	0.0043	0.3194	89.9	28.9
11742.	176.9	-65.8	66.9	66.9	-67.1	83.	0.0840	0.0043	0.3172	89.9	29.0
11787.	175.6	-65.8	67.6	67.6	-67.1	83.	0.0850	0.0043	0.3150	89.9	29.1
11829.	174.4	-65.8	68.3	68.3	-67.1	83.	0.0860	0.0043	0.3130	89.9	29.2
11874.	173.1	-65.7	69.2	69.2	-67.0	83.	0.0871	0.0043	0.3107	89.9	29.3
11916.	171.9	-65.7	69.9	69.9	-67.0	83.	0.0881	0.0043	0.3087	89.9	29.4
11959.	170.7	-65.7	70.6	70.6	-67.0	83.	0.0891	0.0043	0.3067	89.9	29.5
12002.	169.5	-65.7	71.3	71.3	-67.0	83.	0.0901	0.0043	0.3046	89.9	29.6
12045.	168.3	-65.7	72.0	72.0	-67.0	83.	0.0911	0.0043	0.3026	89.9	29.7
12088.	167.1	-65.8	72.5	72.5	-67.1	83.	0.0921	0.0043	0.3007	89.9	29.8
12132.	166.0	-65.8	73.2	73.2	-67.2	83.	0.0931	0.0043	0.2987	89.9	29.9
12176.	164.9	-65.8	73.8	73.8	-67.2	83.	0.0941	0.0043	0.2967	89.9	30.0
12209.	163.8	-65.8	74.3	74.3	-67.1	83.	0.0950	0.0043	0.2948	89.9	30.1
12253.	162.6	-65.8	75.0	75.0	-67.1	83.	0.0960	0.0043	0.2928	89.9	30.2
12298.	161.5	-65.7	76.1	76.1	-67.0	83.	0.0971	0.0043	0.2907	89.9	30.3
12336.	160.4	-65.6	76.8	76.8	-66.9	83.	0.0981	0.0043	0.2892	89.9	30.4
12378.	159.3	-65.5	77.8	77.8	-66.8	83.	0.0991	0.0043	0.2873	89.9	30.5
12422.	158.2	-65.5	78.5	78.5	-66.7	83.	0.1001	0.0044	0.2853	89.9	30.6
12466.	157.1	-65.4	79.2	79.2	-66.7	83.	0.1011	0.0044	0.2834	89.9	30.7
12501.	156.1	-65.4	80.0	80.0	-66.7	83.	0.1021	0.0044	0.2818	89.9	30.8
12548.	155.1	-65.5	80.4	80.5	-66.8	83.	0.1032	0.0044	0.2802	89.9	30.9
12585.	154.0	-65.6	81.0	81.1	-66.9	83.	0.1042	0.0044	0.2785	89.9	31.0
12627.	152.9	-65.6	81.7	81.7	-66.9	83.	0.1052	0.0044	0.2766	89.9	31.1
12667.	151.9	-65.6	82.6	82.6	-66.8	83.	0.1062	0.0044	0.2748	89.9	31.2
12707.	150.8	-65.6	83.1	83.1	-66.9	83.	0.1072	0.0044	0.2733	89.9	31.3
12747.	149.7	-65.6	83.7	83.7	-66.9	83.	0.1082	0.0044	0.2716	89.9	31.4
12784.	148.6	-65.5	84.5	84.5	-66.8	83.	0.1092	0.0044	0.2700	89.9	31.5
12829.	147.5	-65.4	85.2	85.2	-66.7	83.	0.1103	0.0044	0.2680	89.9	31.6
12866.	147.0	-65.4	86.1	86.1	-66.7	83.	0.1113	0.0044	0.2665	89.9	31.7
12907.	146.0	-65.4	86.8	86.8	-66.7	83.	0.1123	0.0044	0.2648	89.9	31.8
12945.	145.1	-65.4	87.4	87.4	-66.7	83.	0.1133	0.0044	0.2633	89.9	31.9
12982.	144.2	-65.4	88.1	88.1	-66.7	83.	0.1143	0.0044	0.2618	89.9	32.0
13025.	143.2	-65.4	88.8	88.8	-66.7	83.	0.1154	0.0044	0.2601	89.9	32.1
13063.	142.3	-65.4	89.4	89.4	-66.7	83.	0.1164	0.0044	0.2586	89.9	32.2
13106.	141.3	-65.4	90.2	90.2	-66.7	83.	0.1174	0.0044	0.2569	89.9	32.3
13145.	140.4	-65.4	90.8	90.7	-66.8	83.	0.1184	0.0044	0.2555	89.9	32.4
13186.	139.4	-65.3	91.4	91.4	-66.8	83.	0.1194	0.0044	0.2539	89.9	32.5
13227.	138.5	-65.3	91.9	91.9	-66.8	83.	0.1204	0.0045	0.2525	89.9	32.6
13267.	137.6	-65.3	92.6	92.6	-66.9	83.	0.1214	0.0045	0.2510	89.9	32.7
13307.	136.7	-65.3	93.3	93.3	-66.9	83.	0.1224	0.0045	0.2494	89.9	32.8
13347.	135.8	-65.3	94.1	94.1	-66.9	83.	0.1234	0.0045	0.2479	89.9	32.9
13387.	134.9	-65.4	94.8	95.0	-67.0	83.	0.1244	0.0045	0.2463	89.9	33.0
13430.	133.9	-65.4	95.5	95.8	-67.0	83.	0.1255	0.0045	0.2445	89.9	33.1
13473.	133.0	-65.4	96.2	96.7	-67.1	83.	0.1265	0.0045	0.2429	89.9	33.2
13515.	132.2	-65.1	97.7	97.7	-66.4	83.	0.1275	0.0046	0.2414	89.9	33.3
13561.	131.3	-64.9	98.5	98.5	-66.2	83.	0.1286	0.0047	0.2397	89.9	33.4
13603.	130.4	-64.8	99.3	99.3	-66.2	83.	0.1296	0.0048	0.2381	89.9	33.5
13635.	129.5	-64.7	100.0	100.0	-66.1	83.	0.1306	0.0048	0.2368	89.9	33.6
13673.	128.7	-64.7	100.6	100.6	-66.1	83.	0.1316	0.0048	0.2353	89.9	33.7
13716.	127.8	-64.6	101.3	101.3	-66.1	83.	0.1326	0.0048	0.2337	89.9	33.8
13756.	126.9	-64.7	102.0	102.0	-66.2	83.	0.1337	0.0048	0.2321	89.9	33.9
13796.	126.1	-64.7	102.4	102.4	-66.2	83.	0.1347	0.0048	0.2307	89.9	34.0
13841.	125.2	-64.7	103.1	103.1	-66.2	83.	0.1357	0.0048	0.2293	89.9	34.1
13886.	124.3	-64.8	103.8	103.8	-66.1	83.	0.1367	0.0048	0.2279	89.9	34.2
13926.	123.4	-64.7	104.5	104.5	-66.0	83.	0.1377	0.0048	0.2262	89.9	34.3
13969.	122.5	-64.7	105.2	105.2	-66.0	83.	0.1387	0.0048	0.2249	89.9	34.4
14009.	121.6	-64.7	105.7	105.7	-66.0	83.	0.1397	0.0048	0.2236	89.9	34.5
14049.	120.8	-64.6	106.4	106.4	-65.9	83.	0.1407	0.0048	0.2221	89.9	34.6
14095.	119.8	-64.6	107.2	107.2	-65.9	83.	0.1418	0.0048	0.2207	89.9	34.7
14135.	118.9	-64.6	107.8	107.8	-65.9	83.	0.1428	0.0048	0.2192	89.9	34.8
14179.	118.0	-64.5	108.5	108.5	-65.8	83.	0.1438	0.0048	0.2178	89.9	34.9
14223.	117.0	-64.5	109.2	109.2	-65.8	83.	0.1448	0.0048	0.2163	89.9	35.0
14265.	116.1	-64.5	109.9	109.9	-65.8	83.	0.1458	0.0048	0.2149	89.9	35.1
14306.	115.2	-64.5	110.5	110.5	-65.8	83.	0.1468	0.0048	0.2136	89.9	35.2
14347.	114.3	-64.5	111.2	111.2	-65.8	83.	0.1478	0.0048	0.2122	89.9	35.3
14391.	113.4	-64.5	111.9	111.9	-65.8	83.	0.1488	0.0048	0.2107	89.9	35.4
14434.	112.5	-64.5	112.6	112.6	-65.8	83.	0.1498	0.0048	0.2093	89.9	35.5
14477.	111.6	-64.5	113.3	113.3	-65.8	83.	0.1508	0.0048	0.2079	89.9	35.6
14518.	110.7	-64.5	113.9	113.9	-65.8	83.	0.1518	0.0048	0.2065	89.9	35.7
14560.	109.8	-64.5	114.6	114.6	-65.8	83.	0.1528	0.0048	0.2051	89.9	35.8
14597.	109.0	-64.5	115.2	115.2	-65.8	83.	0.1537	0.0048	0.2038	89.9	35.9
14641.	108.1	-64.5	115.9	115.9	-65.8	83.	0.1547	0.0048	0.2024	89.9	36.0
14686.	107.1	-64.5	116.6	116.6	-65.8	83.	0.1557	0.0048	0.2009	89.9	36.1
14727.	106.2	-64.5	117.3	117.3	-65.8	83.	0.1567	0.0048	0.1995	89.9	36.2
14773.	105.2	-64.5	118.0	118.0	-65.8	83.	0.1577	0.0048	0.1981	89.9	36.3
14816.	104.3	-64.5	118.6	118.6	-65.8	83.	0.1587	0.0048	0.1967	89.9	36.4
14860.	103.4	-64.5	119.3	119.3	-65.8	83.	0.1597	0.0048	0.1953	89.9	36.5
14907.	102.4	-64.5	120.0	120.0	-65.8	83.	0.1607	0.0048	0.1939	89.9	36.6
14951.	101.5	-64.5	120.7	120.7	-65.8	83.	0.1617	0.0048	0.1925	89.9	36.7
15001.	100.5	-64.5	121.4	121.4	-65.8	83.	0.1627	0.0048	0.1911	89.9	36.8
15047.	99.6	-64.5	122.1	122.1	-65.8	83.	0.1637	0.0048	0.1897	89.9	36.9
15097.	98.6	-64.5	122.8	122.8	-65.8	83.	0.1647	0.0048	0.1883	89.9	37.0
15147.	97.7	-64.5	123.5	123.5	-65.8	83.	0.1657	0.0048	0.1869	89.9	37.1
15197.	96.7	-64.5	124.2	124.2	-65.8	83.	0.1667	0.0048	0.1855	89.9	37.2
15247.	95.8	-64.5	124.9	124.9	-65.8	83.	0.1677	0.0048	0.1841	89.9	37.3
15297.	94.8	-64.5	125.6	125.6	-65.8	83.	0.1687	0.0048	0.1827	89.9	37.4
15347.	93.9	-64.5	126.3	126.3	-65.8	83.	0.1697	0.0048	0.1813	89.9	37.5
15397.	92.9	-64.5	127.0	127.0	-65.8	83.	0.1707	0.0048	0.1799	89.9	37.6
15447.	92.0	-64.5	127.7	127.7	-65.8	83.	0.1717	0.0048	0.1785	89.9	37.7
15497.	91.0	-64.5	128.4	128.4	-65.8	83.	0.1727	0.0048	0.1771	89.9	37.8
15547.	90.1	-64.5	129.1	129.1	-65.8	83.	0.1737	0.0048	0.1757	89.9	37.9
15597.	89.1	-64.5	129.8	129.8	-65.8	83.	0.1747	0.0048	0.1743	89.9	38.0
15647.	88.2	-64.5	130.5	130.5	-65.8	83.	0.1757	0.0048	0.1729	89.9	38.1
15697.	87.2	-64.5	131.2	131.2	-65.8	83.	0.1767	0.0048	0.1715	89.9	38.2
15747.	86.3	-64.5	131.9	131.9	-65.8	83.	0.1777	0.0048	0.1701	89.9	38.3
15797.	85.3	-64.5	132.6	132.6	-65.8	83.	0.1787	0.0048	0.1687	89.9	38.4
15847.	84.4	-64.5	133.3	133.3	-65.8	83.	0.1797	0.0048	0.1673	89.9	38.5
15897.	83.4	-64.5	134.0	134.0	-65.8	83.	0.1807	0.0048	0.1659	89.9	38.6
15947.	82.5	-64.5	134.7	134.7	-65.8	83.	0.1817	0.0048	0.1645	89.9	38.7
15997.	81.5	-64.5	135.4	135.4	-65.8	83.	0.1827	0.0048	0.1631	89.9	38.8
16047.	80.6	-64.5	136.1	136.1	-65.8	83.	0.1837	0.0048	0.1617	89.9	38.9
16097.	79.6	-64.5	136.8	136.8	-65.8	83.	0.1847	0.0048	0.1603	89.9	39.0
16147.	78.7	-64.5	137.5	137.5	-65.8	83.	0.1857	0.0048	0.1589	89.9	39.1
16197.	77.7	-64.5	138.2	138.2	-65.8	83.	0.1867	0.0048	0.1575	89.9	39.2
16247.	76.8	-64.5	138.9	138.9	-65.8	83.	0.1877	0.0048	0.1561	89.9	39.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
155[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.6	83.	0.0057	0.0059	0.1554	267.0	37.5
156[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.6	83.	0.0057	0.0059	0.1549	267.0	37.8
156[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.6	83.	0.0057	0.0059	0.1537	267.0	38.1
157[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.5	83.	0.0058	0.0060	0.1527	267.0	38.4
157[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.4	83.	0.0059	0.0061	0.1516	268.0	38.5
158[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.3	83.	0.0060	0.0062	0.1505	268.0	38.1
159[illegible]	[illegible]	-[illegible]	144.7	144.7	-64.2	83.	0.0061	0.0063	0.1496	268.0	38.2
159[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.0	83.	0.0062	0.0064	0.1485	268.0	38.6
159[illegible]	[illegible]	-[illegible]	146.7	146.7	-64.0	83.	0.0062	0.0064	0.1475	268.0	38.6
159[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-64.0	83.	0.0062	0.0064	0.1463	268.0	38.7
160[illegible]	[illegible]	-[illegible]	148.7	148.7	-63.9	83.	0.0063	0.0065	0.1453	268.0	38.9
161[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-63.8	83.	0.0063	0.0065	0.1443	268.0	39.0
161[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-63.7	83.	0.0063	0.0065	0.1433	268.0	40.1
161[illegible]	[illegible]	-[illegible]	151.4	151.4	-63.7	83.	0.0064	0.0066	0.1422	268.0	40.1
161[illegible]	[illegible]	-[illegible]	[illegible]	152.4	-63.7	83.	0.0065	0.0067	0.1412	268.0	40.1
162[illegible]	[illegible]	-[illegible]	[illegible]	153.7	-63.6	83.	0.0066	0.0068	0.1400	268.0	40.1
162[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-63.5	83.	0.0068	0.0071	0.1389	268.0	40.2
163[illegible]	[illegible]	-[illegible]	155.7	155.7	-63.4	83.	0.0069	0.0071	0.1381	268.0	40.2
163[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-63.3	83.	0.0069	0.0071	0.1371	268.0	40.3
164[illegible]	[illegible]	-[illegible]	157.7	157.7	-63.2	83.	0.0069	0.0071	0.1361	269.0	40.3
164[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-63.1	83.	0.0071	0.0073	0.1351	269.0	40.3
165[illegible]	[illegible]	-[illegible]	[illegible]	161.1	-63.0	83.	0.0073	0.0075	0.1340	269.0	40.3
165[illegible]	[illegible]	-[illegible]	161.5	161.	-62.7	83.	0.0075	0.0077	0.1329	269.0	40.3
166[illegible]	[illegible]	-[illegible]	[illegible]	162.2	-62.7	83.	0.0075	0.0077	0.1321	269.0	40.1
166[illegible]	[illegible]	-[illegible]	163.7	163.7	-62.7	83.	0.0074	0.0076	0.1311	270.0	40.2
166[illegible]	[illegible]	-[illegible]	[illegible]	164.4	-62.6	83.	0.0076	0.0078	0.1300	270.0	40.4
167[illegible]	[illegible]	-[illegible]	165.1	165.1	-62.6	83.	0.0076	0.0078	0.1292	270.0	40.6
167[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1283	270.0	40.8
167[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1273	270.0	41.0
168[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1263	270.0	41.3
168[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1254	270.0	41.6
169[illegible]	[illegible]	-[illegible]	[illegible]	169.7	-62.6	83.	0.0076	0.0078	0.1246	270.0	41.8
169[illegible]	[illegible]	-[illegible]	[illegible]	170.4	-62.6	83.	0.0076	0.0078	0.1238	270.0	42.1
170[illegible]	[illegible]	-[illegible]	[illegible]	171.1	-62.6	83.	0.0076	0.0078	0.1226	270.0	42.3
170[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1219	270.0	42.6
171[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1211	270.0	42.8
171[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.5	83.	0.0077	0.0079	0.1203	270.0	42.9
171[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1194	270.0	43.0
172[illegible]	[illegible]	-[illegible]	[illegible]	176.1	-62.4	83.	0.0078	0.0081	0.1187	270.0	43.1
172[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1179	270.0	43.1
173[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1171	270.0	43.1
173[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1164	271.0	43.0
173[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1156	271.0	42.9
174[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1150	271.0	42.8
174[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.3	83.	0.0079	0.0082	0.1141	271.0	42.7
175[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.4	83.	0.0078	0.0081	0.1133	271.0	42.5
175[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.3	83.	0.0079	0.0082	0.1124	271.0	42.4
175[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-62.1	83.	0.0082	0.0084	0.1115	272.0	42.3
176[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-61.8	83.	0.0085	0.0087	0.1105	272.0	42.2
176[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-61.4	83.	0.0090	0.0092	0.1095	272.0	42.1
177[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-61.1	83.	0.0093	0.0095	0.1087	273.0	42.0
177[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-60.8	83.	0.0097	0.0099	0.1077	273.0	41.9
178[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-60.5	83.	0.0101	0.0103	0.1068	273.0	41.9
178[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-60.2	83.	0.0105	0.0107	0.1058	274.0	42.0
179[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-60.0	83.	0.0108	0.0110	0.1049	274.0	42.0
179[illegible]	[illegible]	-[illegible]	197.1	197.1	-60.0	83.	0.0108	0.0110	0.1041	274.0	42.1
180[illegible]	[illegible]	-[illegible]	[illegible]	198.4	-59.9	83.	0.0110	0.0112	0.1032	274.0	42.2
181[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-59.7	83.	0.0111	0.0113	0.1025	274.0	42.5
181[illegible]	[illegible]	-[illegible]	200.5	200.5	-59.6	83.	0.0113	0.0115	0.1017	274.0	42.7
182[illegible]	[illegible]	-[illegible]	[illegible]	201.2	-59.5	83.	0.0114	0.0116	0.1011	274.0	42.9
182[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-59.4	83.	0.0115	0.0117	0.1003	274.0	43.1
183[illegible]	[illegible]	-[illegible]	[illegible]	203.4	-59.3	83.	0.0111	0.0113	0.0996	273.0	43.3
183[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-59.6	83.	0.0114	0.0116	0.0987	273.0	43.4
184[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-59.4	83.	0.0117	0.0119	0.0980	273.0	43.6
184[illegible]	[illegible]	-[illegible]	207.7	207.7	-59.1	83.	0.0122	0.0124	0.0972	273.0	43.7
184[illegible]	[illegible]	-[illegible]	[illegible]	209.4	-58.8	83.	0.0127	0.0128	0.0964	272.0	44.0
185[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-58.6	83.	0.0130	0.0132	0.0957	272.0	44.2
185[illegible]	[illegible]	-[illegible]	[illegible]	212.7	-58.3	83.	0.0136	0.0137	0.0947	272.0	44.4
186[illegible]	[illegible]	-[illegible]	[illegible]	213.4	-58.2	83.	0.0138	0.0139	0.0940	272.0	44.5
186[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-58.1	83.	0.0139	0.0140	0.0934	271.0	44.7
187[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-58.0	83.	0.0141	0.0142	0.0927	271.0	44.8
187[illegible]	[illegible]	-[illegible]	[illegible]	[illegible]	-57.8	83.	0.0145	0.0146	0.0918	271.0	44.9
187[illegible]	[illegible]	-[illegible]	[illegible]	218.7	-57.9	83.	0.0143	0.0144	0.0912	271.0	45.0
187[illegible]	[illegible]	-[illegible]	[illegible]	219.1	-58.0	83.	0.0141	0.0142	0.0907	271.0	45.1
188[illegible]	[illegible]	-[illegible]	[illegible]	220.2	-58.0	83.	0.0141	0.0142	0.0901	271.0	45.0
188[illegible]	[illegible]	-[illegible]	[illegible]	221.7	-57.8	83.	0.0145	0.0146	0.0894	271.0	45.0
189[illegible]	[illegible]	-[illegible]	[illegible]	223.1	-57.6	83.	0.0149	0.0150	0.0887	271.0	44.9
189[illegible]	[illegible]	-[illegible]	[illegible]	224.4	-57.5	83.	0.0151	0.0151	0.0880	271.0	44.7
189[illegible]	[illegible]	-[illegible]	[illegible]	225.2	-57.6	83.	0.0149	0.0150	0.0874	270.0	44.4
190[illegible]	[illegible]	-[illegible]	[illegible]	226.0	-57.7	83.	0.0147	0.0148	0.0868	270.0	44.2
190[illegible]	[illegible]	-[illegible]	[illegible]	227.1	-57.7	83.	0.0147	0.0148	0.0861	270.0	43.9
191[illegible]	[illegible]	-[illegible]	[illegible]	227.5	-57.8	83.	0.0145	0.0146	0.0855	270.0	43.6

SOUNDING 49.0
LATITUDE -61.3 LONGITUDE [illegible]
DATE 11- 8-81 TIME 1146 GMT
NUMBER OF LEVELS 454

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3.	991.9	2.0	2.0	3.3	0.4	89.	6.3087	4.9975	1.2608	260.0	10.0
57.	984.9	1.6	1.8	2.4	-1.0	89.	5.7048	4.5421	1.2579	261.0	9.9
114.	977.9	1.2	1.6	2.1	-2.1	89.	5.1562	4.1219	1.2545	261.0	11.1
170.	971.0	1.2	1.6	2.1	-2.6	89.	4.9466	3.9616	1.2478	260.0	12.2
224.	964.5	1.7	1.6	2.1	-3.1	89.	4.7448	3.8069	1.2416	260.0	13.0
278.	958.0	2.2	1.6	2.1	-3.6	89.	4.5525	3.6577	1.2354	259.0	13.5
334.	951.2	2.5	1.4	1.9	-3.9	89.	4.4373	3.5707	1.2279	260.0	13.8
393.	944.1	2.8	1.7	2.2	-4.2	89.	4.3268	3.4856	1.2200	260.0	14.0
451.	937.3	3.0	2.0	2.5	-4.4	89.	4.2544	3.4299	1.2121	259.0	14.0
507.	930.6	3.2	2.4	2.9	-4.6	89.	4.1832	3.3749	1.2043	259.0	13.9
564.	923.9	3.7	2.5	2.9	-5.1	89.	4.0100	3.2412	1.1977	259.0	13.8
622.	917.2	4.1	2.6	3.1	-5.5	89.	3.8762	3.1376	1.1907	260.0	13.6
680.	910.4	4.6	2.7	3.1	-6.0	89.	3.7147	3.0125	1.1840	259.0	13.4
739.	903.6	5.0	2.9	3.3	-6.4	89.	3.5899	2.9156	1.1768	259.0	13.2
800.	896.6	5.5	3.0	3.4	-6.9	89.	3.4393	2.7985	1.1698	260.0	13.1
863.	889.5	6.0	3.1	3.5	-7.3	89.	3.2945	2.6856	1.1626	260.0	13.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0	993.1	-4.5	4.1	5.4	-7.5	89.	2.4997	2.7758	1.1826	240.0	13.5
97	979.7	-5.3	3.5	4.7	-8.7	89.	2.4445	2.8445	1.1431	261.0	13.6
194	966.4	-5.3	3.5	4.7	-8.4	89.	2.5544	2.9152	1.1335	261.0	13.7
292	953.2	-5.3	3.6	4.7	-8.7	89.	2.4742	2.8444	1.1262	261.0	14.0
390	940.1	-5.5	3.6	4.7	-8.9	89.	2.4367	2.7980	1.1182	261.0	14.1
489	927.0	-5.7	3.4	4.7	-9.0	89.	2.3821	2.7523	1.1105	261.0	14.3
588	914.0	-5.8	3.4	4.7	-9.1	89.	2.3536	2.6851	1.1036	260.0	14.5
687	901.1	-6.0	3.4	4.7	-9.3	89.	2.3174	2.6411	1.0963	260.0	14.8
787	888.3	-6.2	3.4	4.7	-9.4	89.	2.2822	2.5978	1.0891	260.0	15.0
887	875.5	-6.4	3.4	4.7	-9.6	89.	2.2474	2.5551	1.0821	260.0	15.2
988	862.8	-6.5	3.4	4.7	-9.7	89.	2.2134	2.5134	1.0752	260.0	15.4
1089	850.1	-6.7	3.4	4.7	-9.9	89.	2.1804	2.4726	1.0683	260.0	15.5
1190	837.5	-6.9	3.4	4.7	-10.0	89.	2.1484	2.4327	1.0615	260.0	15.7
1292	824.9	-7.0	3.4	4.7	-10.2	89.	2.1174	2.3937	1.0549	260.0	15.8
1394	812.4	-7.2	3.4	4.7	-10.3	89.	2.0874	2.3557	1.0484	260.0	15.9
1497	800.0	-7.4	3.4	4.7	-10.5	89.	2.0584	2.3187	1.0421	260.0	16.0
1600	787.6	-7.5	3.4	4.7	-10.6	89.	2.0303	2.2827	1.0359	260.0	16.1
1704	775.3	-7.7	3.4	4.7	-10.8	89.	2.0031	2.2476	1.0299	260.0	16.2
1808	763.1	-7.9	3.4	4.7	-10.9	89.	1.9768	2.2135	1.0240	260.0	16.3
1913	750.9	-8.1	3.4	4.7	-11.1	89.	1.9514	2.1804	1.0183	260.0	16.4
2018	738.8	-8.3	3.4	4.7	-11.2	89.	1.9268	2.1482	1.0127	260.0	16.5
2124	726.8	-8.5	3.4	4.7	-11.4	89.	1.9031	2.1170	1.0072	260.0	16.6
2230	714.8	-8.7	3.4	4.7	-11.6	89.	1.8803	2.0867	1.0019	260.0	16.7
2337	702.9	-8.9	3.4	4.7	-11.7	89.	1.8583	2.0573	0.9967	260.0	16.8
2444	691.1	-9.1	3.4	4.7	-11.9	89.	1.8372	2.0289	0.9916	260.0	16.9
2552	679.3	-9.3	3.4	4.7	-12.1	89.	1.8169	2.0014	0.9866	260.0	17.0
2660	667.6	-9.5	3.4	4.7	-12.3	89.	1.7974	1.9748	0.9817	260.0	17.1
2769	656.0	-9.7	3.4	4.7	-12.4	89.	1.7787	1.9491	0.9769	260.0	17.2
2878	644.4	-9.9	3.4	4.7	-12.6	89.	1.7608	1.9243	0.9722	260.0	17.3
2988	632.9	-10.1	3.4	4.7	-12.8	89.	1.7437	1.9004	0.9676	260.0	17.4
3098	621.5	-10.3	3.4	4.7	-13.0	89.	1.7274	1.8774	0.9631	260.0	17.5
3209	610.2	-10.5	3.4	4.7	-13.2	89.	1.7119	1.8553	0.9587	260.0	17.6
3320	598.9	-10.7	3.4	4.7	-13.4	89.	1.6972	1.8340	0.9544	260.0	17.7
3432	587.8	-10.9	3.4	4.7	-13.6	89.	1.6832	1.8136	0.9502	260.0	17.8
3544	576.7	-11.1	3.4	4.7	-13.8	89.	1.6700	1.7940	0.9461	260.0	17.9
3657	565.7	-11.3	3.4	4.7	-14.0	89.	1.6575	1.7753	0.9421	260.0	18.0
3770	554.8	-11.5	3.4	4.7	-14.2	89.	1.6458	1.7574	0.9382	260.0	18.1
3884	544.0	-11.7	3.4	4.7	-14.4	89.	1.6348	1.7404	0.9344	260.0	18.2
3998	533.3	-11.9	3.4	4.7	-14.6	89.	1.6246	1.7242	0.9307	260.0	18.3
4113	522.7	-12.1	3.4	4.7	-14.8	89.	1.6151	1.7088	0.9271	260.0	18.4
4228	512.2	-12.3	3.4	4.7	-15.0	89.	1.6064	1.6942	0.9236	260.0	18.5
4344	501.8	-12.5	3.4	4.7	-15.2	89.	1.5984	1.6804	0.9202	260.0	18.6
4460	491.5	-12.7	3.4	4.7	-15.4	89.	1.5912	1.6674	0.9169	260.0	18.7
4577	481.3	-12.9	3.4	4.7	-15.6	89.	1.5847	1.6552	0.9137	260.0	18.8
4694	471.2	-13.1	3.4	4.7	-15.8	89.	1.5790	1.6438	0.9106	260.0	18.9
4812	461.2	-13.3	3.4	4.7	-16.0	89.	1.5740	1.6331	0.9076	260.0	19.0
4931	451.3	-13.5	3.4	4.7	-16.2	89.	1.5698	1.6232	0.9047	260.0	19.1
5050	441.5	-13.7	3.4	4.7	-16.4	89.	1.5663	1.6141	0.9019	260.0	19.2
5170	431.8	-13.9	3.4	4.7	-16.6	89.	1.5636	1.6058	0.8992	260.0	19.3
5290	422.2	-14.1	3.4	4.7	-16.8	89.	1.5616	1.5982	0.8966	260.0	19.4
5411	412.7	-14.3	3.4	4.7	-17.0	89.	1.5604	1.5914	0.8941	260.0	19.5
5533	403.3	-14.5	3.4	4.7	-17.2	89.	1.5599	1.5854	0.8917	260.0	19.6
5655	394.0	-14.7	3.4	4.7	-17.4	89.	1.5602	1.5802	0.8894	260.0	19.7
5778	384.8	-14.9	3.4	4.7	-17.6	89.	1.5612	1.5757	0.8872	260.0	19.8
5901	375.7	-15.1	3.4	4.7	-17.8	89.	1.5630	1.5720	0.8851	260.0	19.9
6025	366.7	-15.3	3.4	4.7	-18.0	89.	1.5656	1.5691	0.8831	260.0	20.0
6150	357.8	-15.5	3.4	4.7	-18.2	89.	1.5690	1.5669	0.8812	260.0	20.1
6275	349.0	-15.7	3.4	4.7	-18.4	89.	1.5731	1.5654	0.8794	260.0	20.2
6401	340.3	-15.9	3.4	4.7	-18.6	89.	1.5781	1.5646	0.8777	260.0	20.3
6528	331.7	-16.1	3.4	4.7	-18.8	89.	1.5838	1.5645	0.8761	260.0	20.4
6655	323.2	-16.3	3.4	4.7	-19.0	89.	1.5903	1.5651	0.8746	260.0	20.5
6783	314.8	-16.5	3.4	4.7	-19.2	89.	1.5976	1.5664	0.8732	260.0	20.6
6912	306.5	-16.7	3.4	4.7	-19.4	89.	1.6057	1.5685	0.8719	260.0	20.7
7041	298.3	-16.9	3.4	4.7	-19.6	89.	1.6146	1.5713	0.8707	260.0	20.8
7171	290.2	-17.1	3.4	4.7	-19.8	89.	1.6243	1.5749	0.8696	260.0	20.9
7302	282.2	-17.3	3.4	4.7	-20.0	89.	1.6348	1.5792	0.8686	260.0	21.0
7433	274.3	-17.5	3.4	4.7	-20.2	89.	1.6461	1.5843	0.8677	260.0	21.1
7565	266.5	-17.7	3.4	4.7	-20.4	89.	1.6582	1.5901	0.8669	260.0	21.2
7698	258.8	-17.9	3.4	4.7	-20.6	89.	1.6711	1.5967	0.8662	260.0	21.3
7832	251.2	-18.1	3.4	4.7	-20.8	89.	1.6848	1.6040	0.8656	260.0	21.4
7966	243.7	-18.3	3.4	4.7	-21.0	89.	1.6993	1.6121	0.8651	260.0	21.5
8101	236.3	-18.5	3.4	4.7	-21.2	89.	1.7147	1.6210	0.8647	260.0	21.6
8237	229.0	-18.7	3.4	4.7	-21.4	89.	1.7309	1.6307	0.8644	260.0	21.7
8373	221.8	-18.9	3.4	4.7	-21.6	89.	1.7480	1.6412	0.8642	260.0	21.8
8510	214.7	-19.1	3.4	4.7	-21.8	89.	1.7660	1.6526	0.8641	260.0	21.9
8648	207.7	-19.3	3.4	4.7	-22.0	89.	1.7849	1.6649	0.8641	260.0	22.0
8787	200.8	-19.5	3.4	4.7	-22.2	89.	1.8047	1.6781	0.8642	260.0	22.1
8926	194.0	-19.7	3.4	4.7	-22.4	89.	1.8255	1.6922	0.8644	260.0	22.2
9066	187.3	-19.9	3.4	4.7	-22.6	89.	1.8472	1.7072	0.8647	260.0	22.3
9207	180.7	-20.1	3.4	4.7	-22.8	89.	1.8700	1.7232	0.8651	260.0	22.4
9348	174.2	-20.3	3.4	4.7	-23.0	89.	1.8938	1.7402	0.8656	260.0	22.5
9490	167.8	-20.5	3.4	4.7	-23.2	89.	1.9187	1.7582	0.8662	260.0	22.6
9633	161.5	-20.7	3.4	4.7	-23.4	89.	1.9447	1.7773	0.8669	260.0	22.7
9777	155.3	-20.9	3.4	4.7	-23.6	89.	1.9718	1.7975	0.8677	260.0	22.8
9921	149.2	-21.1	3.4	4.7	-23.8	89.	2.0001	1.8188	0.8686	260.0	22.9
10066	143.2	-21.3	3.4	4.7	-24.0	89.	2.0296	1.8413	0.8696	260.0	23.0
10212	137.3	-21.5	3.4	4.7	-24.2	89.	2.0604	1.8651	0.8707	260.0	23.1
10359	131.5	-21.7	3.4	4.7	-24.4	89.	2.0926	1.8902	0.8719	260.0	23.2
10507	125.8	-21.9	3.4	4.7	-24.6	89.	2.1262	1.9166	0.8732	260.0	23.3
10656	120.2	-22.1	3.4	4.7	-24.8	89.	2.1613	1.9443	0.8746	260.0	23.4
10806	114.7	-22.3	3.4	4.7	-25.0	89.	2.1979	1.9734	0.8761	260.0	23.5
10957	109.3	-22.5	3.4	4.7	-25.2	89.	2.2362	2.0041	0.8777	260.0	23.6
11109	104.0	-22.7	3.4	4.7	-25.4	89.	2.2762	2.0365	0.8794	260.0	23.7
11262	98.8	-22.9	3.4	4.7	-25.6	89.	2.3180	2.0707	0.8812	260.0	23.8
11416	93.7	-23.1	3.4	4.7	-25.8	89.	2.3618	2.1069	0.8831	260.0	23.9
11571	88.7	-23.3	3.4	4.7	-26.0	89.	2.4077	2.1451	0.8851	260.0	24.0
11727	83.8	-23.5	3.4	4.7	-26.2	89.	2.4558	2.1855	0.8872	260.0	24.1
11884	79.0	-23.7	3.4	4.7	-26.4	89.	2.5063	2.2283	0.8894	260.0	24.2
12042	74.3	-23.9	3.4	4.7	-26.6	89.	2.5593	2.2736	0.8917	260.0	24.3
12201	69.7	-24.1	3.4	4.7	-26.8	89.	2.6150	2.3216	0.8941	260.0	24.4
12361	65.2	-24.3	3.4	4.7	-27.0	89.	2.6736	2.3725	0.8966	260.0	24.5
12522	60.8	-24.5	3.4	4.7	-27.2	89.	2.7353	2.4265	0.8992	260.0	24.6
12684	56.5	-24.7	3.4	4.7	-27.4	89.	2.8004	2.4839	0.9019	260.0	24.7
12847	52.3	-24.9	3.4	4.7	-27.6	89.	2.8691	2.5450	0.9047	260.0	24.8
13011	48.2	-25.1	3.4	4.7	-27.8	89.	2.9418	2.6101	0.9076	260.0	24.9
13176	44.2	-25.3	3.4	4.7	-28.0	89.	3.0189	2.6796	0.9106	260.0	25.0
13342	40.3	-25.5	3.4	4.7	-28.2	89.	3.1008	2.7539	0.9137	260.0	25.1
13509	36.5	-25.7	3.4	4.7	-28.4	89.	3.1880	2.8335	0.9169	260.0	25.2
13677	32.8	-25.9	3.4	4.7	-28.6	89.	3.2811	2.9190	0.9202	260.0	25.3
13846	29.2	-26.1	3.4	4.7	-28.8	89.	3.3807	3.0110	0.9236	260.0	25.4
14016	25.7	-26.3	3.4	4.7	-29.0	89.	3.4876	3.1102	0.9271	260.0	25.5
14187	22.3	-26.5	3.4	4.7	-29.2	89.	3.6027	3.2176	0.9307	260.0	25.6
14359	19.0	-26.7	3.4	4.7	-29.4	89.	3.7271	3.3344	0.9344	260.0	25.7
14532	15.8	-26.9	3.4	4.7	-29.6	89.	3.8624	3.4624	0.9382	260.0	25.8
14706	12.7	-27.1	3.4	4.7	-29.8	89.	4.0104	3.6035	0.9421	260.0	25.9
14881	9.7	-27.3	3.4	4.7	-30.0	89.	4.1734	3.7599	0.9461	260.0	26.0
15057	6.8	-27.5	3.4	4.7	-30.2	89.	4.3542	3.9345	0.9502	260.0	26.1
15234	4.0	-27.7	3.4	4.7	-30.4	89.	4.5562	4.1317	0.9544	260.0	26.2
15412	1.3	-27.9	3.4	4.7	-30.6	89.	4.7844	4.3572	0.9587	260.0	26.3
15591	-1.3	-28.1	3.4	4.7	-30.8	89.	5.0460	4.6195	0.9631	260.0	26.4
15771	-3.8	-28.3	3.4	4.7	-31.0	89.	5.3519	4.9295	0.9676	260.0	26.5
15952	-6.2	-28.5	3.4	4.7	-31.2	89.	5.7187	5.3000	0.9722	260.0	26.6
16134	-8.5	-28.7	3.4	4.7	-31.4	89.	6.1736	5.7615	0.9769	260.0	26.7
16317	-10.8	-28.9	3.4	4.7	-31.6	89.	6.7615	6.3500	0.9817	260.0	26.8
16501	-13.0	-29.1	3.4	4.7	-31.8	89.	7.5600	7.1500	0.9866	260.0	26.9
16686	-15.2	-29.3	3.4	4.7	-32.0	89.	8.7200	8.2500	0.9916	260.0	27.0
16872	-17.3	-29.5	3.4	4.7	-32.2	89.	10.5000	10.0000	0.9967	260.0	27.1
17059	-19.4	-29.7	3.4	4.7	-32.4	89.	13.5000	12.9000	1.0019	260.0	27.2
17247	-21.5	-29.9	3.4	4.7	-32.6	89.	18.5000	17.8000	1.0072	260.0	27.3
17436	-23.5	-30.1	3.4	4.7	-32.8	89.	27.0000	26.0000	1.0127	260.0	27.4
17626	-25.5	-30.3	3.4	4.7	-33.0	89.	43.0000	41.5000	1.0183	260.0	27.5
17817	-27.5	-30.5	3.4	4.7	-33.2	89.	75.0000	72.5000	1.0240	260.0	27.6
18009	-29.5	-30.7	3.4	4.7	-33.4	89.	140.0000	135.0000	1.0299	260.0	27.7
18202	-31.4	-30.9	3.4	4.7	-33.6	89.	270.0000	260.0000	1.0359	260.0	27.8
18396	-33.3	-31.1	3.4	4.7	-33.8	89.	530.0000	510.0000	1.0420	260.0	27.9
18591	-35.2	-31.3	3.4	4.7	-34.0	89.	1050.0000	1010.0000	1.0483	260.0	28.0
18787	-37.1	-31.5	3.4	4.7	-34.2	89.	2100.0000	2020.0000	1.0547	260.0	28.1
18984	-39.0	-31.7	3.4	4.7	-34.4	89.	4200.0000	4040.0000	1.0612	260.0	28.2
19182	-40.8	-31.9	3.4	4.7	-34.6	89.	8400.0000	8080.0000	1.0679	260.0	28.3
19381	-42.6	-32.1	3.4	4.7	-34.8	89.	16800.0000	16160.0000	1.0747	260.0	28.4
19581	-44.4	-32.3	3.4	4.7	-35.0	89.	33600.0000	32320.0000	1.0816	260.0	28.5
19782	-46.2	-32.5	3.4	4.7	-35.2	89.	67200.0000	64640.0000	1.0887	260.0	28.6
19984	-47.9	-32.7	3.4	4.7	-35.4	89.	134400.0000	129280.0000	1.0959	260.0	28.7
20187	-49.6	-32.9	3.4	4.7	-35.6	89.	268800.0000	258560.0000	1.1032	260.0	28.8
20391	-51.3	-33.1	3.4	4.7	-35.8	89.	537600.0000	517120.0000	1.1107	260.0	28.9
20596	-53.0	-33.3	3.4	4.7	-36.0	89.	1075200.0000	1034240.0000	1.1183	260.0	29.0
20802	-54.6	-33.5	3.4	4.7	-36.2	89.	2150400.0000	2068480.0000	1.1260	260.0	29.1
21009	-56.2	-33.7	3.4	4.7	-36.4	89.	4300800.0000	4136960.0000	1.1339	260.0	29.2
21217	-57.8	-33.9	3.4	4.7	-36.6	89.	8601600.0000	8273920.0000	1.1419	260.0	29.3
21426	-59.4	-34.1	3.4	4.7	-36.8	89.	17203200.0000	16547840.0000	1.1500	260.0	29.4
21636	-60.9	-34.3	3.4	4.7	-37.0	89.	34406400.0000	33095680.0000	1.1583	260.0	29.5
21847	-62.4	-34.5	3.4	4.7	-37.2	89.	68812800.0000	66191360.0000	1.1667	260.0	29.6
22059	-63.9	-34.7	3.4	4.7	-37.4	89.	137625600.0000	132382720.0000	1.1752	260.0	29.7
22272	-65.4	-34.9	3.4	4.7	-37.6	89.	275251200.0000	264765440.0000	1.1839	260.0	29.8
22486	-66.8	-35.1	3.4	4.7	-37.8	89.	550502400.0000	529530880.0000	1.1927	260.0	29.9
22701	-68.2	-35.3	3.4	4.7	-38.0	89.	1101004800.0000	1059061760.0000	1.2017	260.0	30.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6998.	383.8	-45.8	25.7	25.7	-46.8	89.	0.0585	0.0560	0.5881	247.0	15.9
7050.	380.8	-46.3	25.7	25.7	-47.3	89.	0.0551	0.0528	0.5848	248.0	15.7
7104.	377.7	-46.7	25.9	25.9	-47.7	89.	0.0525	0.0504	0.5811	248.0	15.6
7153.	374.9	-47.2	25.9	25.9	-48.2	89.	0.0494	0.0476	0.5781	249.0	15.4
7201.	372.2	-47.6	26.0	26.0	-48.6	89.	0.0471	0.0454	0.5749	249.0	15.2
7247.	369.6	-48.1	25.9	25.9	-49.1	89.	0.0443	0.0429	0.5722	250.0	15.1
7293.	367.0	-48.5	26.0	26.0	-49.5	89.	0.0422	0.0409	0.5691	250.0	14.9
7351.	363.8	-48.8	26.3	26.3	-49.7	89.	0.0407	0.0395	0.5649	250.0	14.8
7401.	361.0	-49.2	26.4	26.5	-50.1	89.	0.0388	0.0377	0.5616	251.0	14.7
7449.	358.4	-49.6	26.5	26.5	-50.5	89.	0.0369	0.0359	0.5585	251.0	14.7
7493.	356.0	-50.0	26.6	26.6	-50.9	89.	0.0351	0.0343	0.5558	251.0	14.6
7540.	353.4	-50.3	26.8	26.8	-51.2	89.	0.0338	0.0330	0.5525	252.0	14.5
7588.	350.8	-50.6	27.0	27.0	-51.5	89.	0.0326	0.0319	0.5491	252.0	14.5
7635.	348.3	-51.0	27.1	27.1	-51.9	89.	0.0310	0.0304	0.5462	252.0	14.4
7678.	346.0	-51.5	27.0	27.0	-52.4	89.	0.0291	0.0286	0.5438	251.0	14.3
7725.	343.5	-51.9	27.1	27.1	-52.8	89.	0.0277	0.0273	0.5409	251.0	14.4
7768.	341.2	-52.3	27.1	27.1	-53.2	89.	0.0264	0.0260	0.5382	251.0	14.4
7812.	338.9	-52.6	27.3	27.3	-53.5	89.	0.0254	0.0250	0.5353	251.0	14.3
7856.	336.6	-52.9	27.4	27.5	-53.8	89.	0.0244	0.0241	0.5324	250.0	14.3
7902.	334.2	-53.2	27.6	27.7	-54.1	89.	0.0235	0.0233	0.5293	250.0	14.3
7948.	331.8	-53.7	27.6	27.6	-54.6	89.	0.0221	0.0219	0.5267	250.0	14.3
7995.	329.4	-54.1	27.7	27.7	-55.0	89.	0.0210	0.0208	0.5239	250.0	14.4
8047.	326.7	-54.4	28.0	28.0	-55.3	89.	0.0202	0.0201	0.5203	251.0	14.5
8102.	323.9	-54.7	28.3	28.3	-55.6	89.	0.0194	0.0193	0.5165	251.0	14.5
8152.	321.4	-55.1	28.4	28.4	-56.0	89.	0.0184	0.0184	0.5135	251.0	14.6
8199.	319.0	-55.4	28.6	28.6	-56.3	89.	0.0177	0.0177	0.5104	252.0	14.5
8248.	316.6	-55.7	28.9	28.9	-56.6	89.	0.0170	0.0171	0.5072	252.0	14.6
8294.	314.3	-56.1	28.9	26.9	-57.0	89.	0.0162	0.0162	0.5045	253.0	14.7
8338.	312.1	-56.5	29.0	29.0	-57.4	89.	0.0154	0.0154	0.5019	253.0	14.8
8385.	309.8	-56.6	29.2	29.2	-57.7	89.	0.0148	0.0148	0.4988	253.0	14.8
8426.	307.8	-57.1	29.3	29.3	-58.0	89.	0.0142	0.0143	0.4963	254.0	14.9
8473.	305.5	-57.4	29.6	29.6	-58.3	89.	0.0136	0.0138	0.4933	254.0	15.0
6521.	303.2	-57.7	29.8	29.8	-58.6	89.	0.0131	0.0132	0.4903	254.0	15.0
8571.	300.8	-58.2	30.1	30.1	-58.9	89.	0.0126	0.0127	0.4871	254.0	15.1
8617.	298.6	-58.3	30.3	30.3	-59.2	89.	0.0121	0.0123	0.4842	255.0	15.2
8664.	296.4	-58.7	30.4	30.4	-59.6	89.	0.0115	0.0116	0.4815	255.0	15.3
8712.	294.2	-59.0	30.6	30.6	-59.9	89.	0.0110	0.0112	0.4786	255.0	15.4
8759.	291.9	-59.3	30.8	30.8	-60.2	89.	0.0106	0.0108	0.4755	254.0	15.5
8809.	289.6	-59.5	31.2	31.2	-60.4	89.	0.0103	0.0105	0.4722	254.0	15.6
8856.	287.4	-59.8	31.5	31.5	-60.7	89.	0.0099	0.0101	0.4693	254.0	15.8
6904.	285.2	-60.1	31.7	31.7	-61.0	89.	0.0095	0.0097	0.4663	254.0	15.9
8955.	282.9	-60.3	32.1	32.1	-61.2	89.	0.0092	0.0095	0.4630	253.0	16.2
9003.	280.7	-60.4	32.7	32.7	-61.3	89.	0.0091	0.0093	0.4596	253.0	16.4
9052.	278.5	-60.6	33.1	33.1	-61.5	89.	0.0089	0.0091	0.4565	253.0	16.4
9104.	276.2	-60.8	33.5	33.5	-61.7	89.	0.0086	0.0089	0.4531	253.0	16.6
9153.	274.0	-61.0	33.9	33.9	-61.8	89.	0.0084	0.0086	0.4499	254.0	16.7
9203.	271.8	-61.3	34.2	34.2	-62.1	89.	0.0081	0.0083	0.4469	253.0	17.0
9251.	269.7	-61.7	34.3	34.3	-62.5	89.	0.0076	0.0079	0.4443	254.0	17.2
9300.	267.6	-62.2	34.5	34.5	-62.8	89.	0.0073	0.0075	0.4415	253.0	17.5
9348.	265.5	-62.2	34.9	34.9	-63.0	89.	0.0071	0.0073	0.4385	253.0	17.7
9397.	263.4	-62.5	35.5	35.5	-63.1	89.	0.0070	0.0073	0.4352	253.0	18.0
9446.	261.3	-62.5	35.9	35.9	-63.3	89.	0.0068	0.0071	0.4321	253.0	18.3
9494.	259.3	-62.8	36.1	36.1	-63.6	89.	0.0066	0.0068	0.4294	253.0	18.6
9539.	257.4	-63.2	36.2	36.2	-64.0	89.	0.0062	0.0064	0.4271	253.0	18.8
9584.	255.5	-63.5	36.7	36.7	-64.1	89.	0.0061	0.0063	0.4241	253.0	19.1
9630.	253.6	-63.4	37.2	37.2	-64.2	89.	0.0060	0.0063	0.4212	253.0	19.4
9681.	251.5	-63.8	37.6	37.6	-64.3	89.	0.0059	0.0062	0.4179	253.0	19.6
9728.	249.6	-63.7	38.2	38.2	-64.5	89.	0.0058	0.0060	0.4151	252.0	19.8
9777.	247.6	-63.6	38.8	38.8	-64.6	89.	0.0057	0.0059	0.4120	253.0	20.0
9821.	245.8	-63.9	39.3	39.3	-64.7	89.	0.0056	0.0058	0.4092	253.0	20.2
9866.	244.0	-63.9	39.9	39.9	-64.7	89.	0.0056	0.0058	0.4062	253.0	20.4
9912.	242.2	-64.1	40.3	40.3	-64.9	89.	0.0055	0.0057	0.4036	253.0	20.6
9957.	240.4	-64.3	40.6	40.7	-65.1	89.	0.0052	0.0055	0.4010	253.0	20.5
10001.	238.7	-64.4	41.1	41.1	-65.2	89.	0.0052	0.0055	0.3984	253.0	20.9
10047.	236.9	-64.4	41.8	41.8	-65.2	89.	0.0052	0.0055	0.3953	253.0	21.0
10093.	235.1	-64.3	42.7	42.7	-65.1	89.	0.0053	0.0056	0.3922	254.0	21.2
10140.	233.3	-64.3	43.3	43.4	-65.1	89.	0.0053	0.0055	0.3891	254.0	21.3
10185.	231.6	-64.5	44.2	44.2	-65.3	89.	0.0054	0.0056	0.3861	254.0	21.5
10230.	229.9	-64.8	45.1	45.1	-64.8	89.	0.0055	0.0058	0.3829	254.0	21.5
10275.	228.2	-63.8	46.1	46.1	-64.6	89.	0.0057	0.0059	0.3797	255.0	21.6
10321.	226.5	-63.7	46.9	47.0	-64.5	89.	0.0058	0.0060	0.3767	255.0	21.7
10370.	224.7	-63.8	47.5	47.5	-64.6	89.	0.0057	0.0059	0.3739	255.0	21.7
10418.	223.0	-64.6	47.9	47.9	-64.8	89.	0.0055	0.0058	0.3714	255.0	21.8
10468.	221.4	-64.1	48.4	48.4	-64.9	89.	0.0055	0.0057	0.3689	255.0	21.9
10525.	219.8	-64.5	48.9	49.0	-65.2	89.	0.0056	0.0057	0.3665	255.0	22.1
10584.	218.2	-64.1	49.4	49.4	-64.8	89.	0.0055	0.0057	0.3636	254.0	22.3
10637.	216.5	-64.1	50.0	50.0	-64.9	89.	0.0055	0.0057	0.3608	254.0	22.4
10642.	214.8	-64.2	51.0	51.0	-65.0	89.	0.0054	0.0056	0.3583	254.0	22.7
10685.	213.4	-64.3	51.6	51.6	-65.1	89.	0.0053	0.0055	0.3560	253.0	22.7
10728.	211.9	-64.2	52.3	52.3	-65.0	89.	0.0054	0.0056	0.3533	253.0	23.1
10775.	210.3	-64.1	53.2	53.2	-64.9	89.	0.0055	0.0057	0.3504	253.0	23.3
10816.	208.8	-64.1	53.9	53.9	-64.9	89.	0.0055	0.0057	0.3479	253.0	23.5
10862.	207.3	-64.1	54.5	54.5	-64.9	89.	0.0055	0.0057	0.3454	253.0	23.8
10912.	205.7	-64.1	55.2	55.2	-64.9	89.	0.0055	0.0057	0.3428	253.0	24.0
10957.	204.1	-64.1	56.0	56.0	-64.9	89.	0.0055	0.0057	0.3401	253.0	24.2
11009.	202.4	-64.2	56.8	56.8	-64.9	89.	0.0056	0.0058	0.3371	253.0	24.5
11057.	200.8	-63.9	57.8	57.8	-64.7	89.	0.0056	0.0058	0.3343	253.0	24.4
11106.	199.2	-63.8	58.8	58.8	-64.6	89.	0.0054	0.0057	0.3315	253.0	24.7
11149.	197.8	-63.7	59.6	59.6	-64.5	89.	0.0054	0.0056	0.3290	253.0	24.9
11199.	196.2	-63.7	60.4	60.4	-64.5	89.	0.0055	0.0057	0.3263	253.0	25.1
11246.	194.7	-63.9	61.2	61.2	-64.6	89.	0.0055	0.0057	0.3240	253.0	25.4
11298.	193.3	-64.1	61.9	61.9	-64.8	89.	0.0055	0.0058	0.3220	253.0	25.6
11338.	191.9	-64.1	62.5	62.5	-64.8	89.	0.0055	0.0057	0.3196	253.0	25.8
11379.	190.5	-64.1	63.2	63.2	-64.9	89.	0.0055	0.0057	0.3175	253.0	25.9
11431.	188.9	-64.1	63.9	63.9	-64.9	89.	0.0055	0.0057	0.3148	253.0	25.7
11476.	187.5	-64.2	64.5	64.5	-65.0	89.	0.0054	0.0056	0.3126	253.0	26.1
11526.	186.1	-64.2	65.1	65.1	-65.0	89.	0.0054	0.0056	0.3103	253.0	26.3
11568.	184.7	-64.1	65.8	65.8	-64.9	89.	0.0055	0.0057	0.3078	253.0	26.5
11613.	183.3	-64.2	66.4	66.4	-65.0	89.	0.0055	0.0057	0.3055	253.0	26.4
11662.	181.9	-64.1	67.1	67.1	-64.9	89.	0.0055	0.0057	0.3031	253.0	26.7
11710.	180.5	-64.2	67.8	67.8	-65.0	89.	0.0054	0.0056	0.3011	253.0	26.9
11752.	179.2	-64.3	67.8	67.8	-65.0	89.	0.0052	0.0054	0.2992	253.0	26.7
11801.	177.8	-64.2	69.1	69.1	-65.0	89.	0.0054	0.0056	0.2964	253.0	27.1
11845.	176.4	-64.1	70.0	70.0	-64.9	89.	0.0055	0.0057	0.2940	253.0	27.1
11894.	175.0	-64.3	70.8	70.8	-64.8	89.	0.0055	0.0058	0.2915	253.0	27.3
11947.	173.6	-63.9	71.6	71.6	-64.7	89.	0.0056	0.0058	0.2889	253.0	27.4
11990.	172.2	-64.0	72.3	72.3	-64.6	89.	0.0057	0.0059	0.2865	253.0	27.6
12045.	170.9	-63.8	73.1	73.1	-64.6	89.	0.0057	0.0059	0.2844	253.0	27.8
12092.	169.5	-63.8	74.0	74.0	-64.6	89.	0.0057	0.0059	0.2821	253.0	31.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12140.	168.2	-63.8	75.2	75.2	-64.6	89.	0.0057	0.0059	0.2799	263.0	31.3
12186.	166.9	-63.8	76.0	76.0	-64.6	89.	0.0057	0.0059	0.2777	263.0	31.5
12236.	165.6	-63.9	76.6	76.6	-64.7	89.	0.0056	0.0058	0.2757	263.0	31.7
12280.	164.4	-63.9	77.3	77.3	-64.7	89.	0.0056	0.0058	0.2737	263.0	31.8
12325.	163.2	-63.9	78.0	78.0	-64.7	89.	0.0056	0.0058	0.2717	264.0	32.0
12374.	161.9	-63.8	79.0	79.0	-64.6	89.	0.0057	0.0059	0.2694	264.0	32.1
12423.	160.6	-63.6	80.1	80.2	-64.4	89.	0.0059	0.0061	0.2670	264.0	32.1
12477.	159.2	-63.6	81.0	81.0	-64.4	89.	0.0059	0.0061	0.2647	265.0	32.2
12527.	157.9	-63.6	81.9	81.9	-64.4	89.	0.0059	0.0061	0.2625	265.0	32.3
12582.	156.5	-63.6	82.8	82.8	-64.4	89.	0.0059	0.0061	0.2602	266.0	32.3
12625.	155.4	-63.6	83.5	83.5	-64.4	89.	0.0059	0.0061	0.2583	266.0	32.3
12672.	154.2	-63.4	84.6	84.6	-64.2	89.	0.0060	0.0063	0.2561	267.0	32.4
12724.	152.9	-63.2	85.8	85.8	-64.0	89.	0.0062	0.0064	0.2537	267.0	32.5
12777.	151.6	-63.0	87.0	87.1	-63.6	89.	0.0064	0.0066	0.2513	268.0	32.6
12825.	150.4	-63.3	87.3	87.4	-64.1	89.	0.0061	0.0063	0.2497	269.0	32.7
12875.	149.2	-63.7	87.5	87.5	-64.5	89.	0.0058	0.0060	0.2482	269.0	32.8
12924.	148.0	-64.0	87.8	87.8	-64.8	89.	0.0055	0.0058	0.2465	270.0	32.9
12974.	146.8	-64.3	88.1	88.1	-65.1	89.	0.0053	0.0055	0.2449	270.0	33.0
13020.	145.7	-64.4	88.7	88.7	-65.2	89.	0.0052	0.0055	0.2431	270.0	33.0
13066.	144.6	-64.4	89.2	89.2	-65.2	89.	0.0052	0.0055	0.2413	270.0	33.0
13112.	143.5	-64.3	90.5	90.5	-65.1	89.	0.0053	0.0055	0.2394	271.0	33.0
13159.	142.4	-64.3	91.3	91.3	-65.1	89.	0.0053	0.0055	0.2375	271.0	33.1
13207.	141.3	-64.5	91.7	91.7	-65.3	89.	0.0052	0.0054	0.2359	272.0	33.1
13254.	140.2	-64.3	92.9	92.9	-65.1	89.	0.0053	0.0055	0.2339	272.0	33.1
13298.	139.2	-64.1	94.0	94.0	-64.9	89.	0.0055	0.0057	0.2320	273.0	33.0
13338.	138.3	-64.0	94.9	94.9	-64.8	89.	0.0055	0.0058	0.2304	273.0	33.0
13391.	137.1	-64.1	95.6	95.6	-64.9	89.	0.0055	0.0057	0.2285	273.0	33.0
13445.	135.9	-64.1	96.5	96.5	-64.9	89.	0.0055	0.0057	0.2265	273.0	32.9
13494.	134.6	-64.1	97.4	97.4	-64.9	89.	0.0055	0.0057	0.2246	273.0	32.9
13542.	133.6	-64.3	97.8	97.8	-65.1	89.	0.0053	0.0055	0.2232	274.0	32.8
13590.	132.7	-64.4	98.5	98.5	-65.2	89.	0.0052	0.0055	0.2215	274.0	32.8
13637.	131.7	-64.4	99.3	99.3	-65.2	89.	0.0052	0.0055	0.2198	274.0	32.9
13683.	130.7	-64.3	100.3	100.3	-65.1	89.	0.0053	0.0055	0.2180	274.0	32.8
13730.	129.7	-64.1	101.5	101.5	-64.9	89.	0.0055	0.0057	0.2161	274.0	32.9
13777.	128.7	-63.9	102.7	102.7	-64.7	89.	0.0056	0.0058	0.2143	274.0	32.9
13830.	127.6	-63.9	103.6	103.6	-64.7	89.	0.0056	0.0058	0.2124	274.0	32.8
13876.	126.6	-63.8	104.3	104.4	-64.2	89.	0.0060	0.0063	0.2103	274.0	32.8
13927.	125.6	-63.5	105.0	105.0	-64.3	89.	0.0059	0.0062	0.2087	274.0	32.9
13980.	124.5	-63.7	106.6	106.6	-64.5	89.	0.0056	0.0060	0.2071	274.0	32.9
14035.	123.4	-63.9	107.2	107.2	-64.7	89.	0.0056	0.0058	0.2054	274.0	33.1
14085.	122.4	-64.0	107.9	107.9	-64.8	89.	0.0055	0.0058	0.2039	275.0	33.2
14135.	121.4	-64.0	108.8	108.8	-64.8	89.	0.0055	0.0058	0.2022	274.0	33.3
14180.	120.5	-64.0	109.6	109.6	-64.8	89.	0.0055	0.0058	0.2007	274.0	33.5
14231.	119.5	-64.0	110.5	110.5	-64.8	89.	0.0055	0.0058	0.1990	274.0	33.6
14277.	118.6	-64.0	111.4	111.4	-64.8	89.	0.0055	0.0058	0.1975	274.0	33.8
14329.	117.6	-64.1	112.1	112.1	-64.9	89.	0.0055	0.0057	0.1960	274.0	34.1
14384.	116.6	-64.1	113.1	113.1	-64.9	89.	0.0055	0.0057	0.1943	273.0	34.3
14434.	115.6	-64.2	114.2	114.2	-64.8	89.	0.0055	0.0058	0.1925	273.0	34.6
14482.	114.7	-64.3	115.2	115.2	-64.7	89.	0.0056	0.0058	0.1910	273.0	34.9
14535.	113.7	-64.3	116.2	116.2	-64.7	89.	0.0056	0.0058	0.1893	273.0	35.1
14584.	112.8	-64.3	117.1	117.1	-64.7	89.	0.0056	0.0058	0.1878	273.0	35.4
14633.	111.9	-64.3	118.2	118.2	-64.6	89.	0.0057	0.0059	0.1862	272.0	35.7
14682.	111.0	-64.4	119.5	119.5	-64.4	89.	0.0059	0.0061	0.1845	272.0	36.0
14727.	110.2	-64.6	120.3	120.3	-64.4	89.	0.0059	0.0061	0.1832	272.0	36.3
14783.	109.2	-64.7	121.1	121.1	-64.5	89.	0.0058	0.0060	0.1816	272.0	36.6
14832.	108.3	-64.9	121.7	121.7	-64.7	89.	0.0056	0.0058	0.1803	271.0	36.9
14884.	107.4	-64.1	122.8	122.8	-64.9	89.	0.0055	0.0057	0.1790	271.0	37.2
14936.	106.5	-64.2	123.5	123.5	-65.0	89.	0.0054	0.0056	0.1776	271.0	37.5
14987.	105.6	-64.3	123.8	123.8	-65.1	89.	0.0053	0.0055	0.1761	271.0	37.7
15034.	104.8	-64.3	124.6	124.6	-65.1	89.	0.0053	0.0055	0.1748	271.0	38.0
15087.	103.9	-64.2	125.8	125.8	-65.0	89.	0.0054	0.0056	0.1732	271.0	38.2
15141.	103.0	-64.2	126.6	126.6	-65.0	89.	0.0054	0.0056	0.1717	271.0	38.4
15187.	102.2	-64.2	127.5	127.5	-65.1	89.	0.0053	0.0055	0.1705	271.0	38.6
15241.	101.3	-64.4	128.3	128.3	-65.2	89.	0.0052	0.0055	0.1691	271.0	38.7
15290.	100.5	-64.5	129.4	129.4	-65.1	89.	0.0053	0.0055	0.1676	271.0	38.8
15345.	99.6	-64.2	130.6	130.7	-65.0	89.	0.0054	0.0056	0.1661	272.0	39.0
15400.	98.7	-64.1	131.9	131.9	-64.9	89.	0.0055	0.0057	0.1645	272.0	39.0
15450.	97.9	-63.9	133.2	133.2	-64.7	89.	0.0056	0.0058	0.1630	272.0	39.1
15500.	97.0	-63.8	134.0	134.0	-64.4	89.	0.0059	0.0061	0.1613	272.0	39.1
15557.	96.2	-63.5	134.4	134.4	-64.1	89.	0.0061	0.0063	0.1597	272.0	39.1
15608.	95.4	-62.8	138.4	138.4	-63.6	89.	0.0066	0.0069	0.1580	272.0	39.1
15660.	94.6	-62.4	140.2	140.2	-63.2	89.	0.0072	0.0074	0.1564	272.0	39.1
15713.	93.8	-62.1	141.4	141.4	-62.9	89.	0.0072	0.0074	0.1548	272.0	39.1
15766.	93.0	-61.5	143.4	143.4	-62.3	89.	0.0075	0.0077	0.1533	272.0	39.0
15819.	92.2	-61.5	145.0	145.0	-62.3	89.	0.0078	0.0081	0.1518	273.0	39.0
15873.	91.4	-61.1	146.8	146.8	-61.9	89.	0.0085	0.0085	0.1502	273.0	39.0
15921.	90.7	-60.8	148.2	148.2	-61.7	89.	0.0086	0.0089	0.1488	273.0	39.0
15976.	89.9	-60.5	150.0	150.0	-61.4	89.	0.0090	0.0092	0.1473	273.0	39.0
16024.	89.2	-60.3	151.4	151.4	-61.2	89.	0.0092	0.0094	0.1460	273.0	39.0
16073.	88.5	-60.1	152.7	152.7	-61.0	89.	0.0094	0.0097	0.1447	273.0	39.1
16126.	87.7	-60.2	153.6	153.6	-61.1	89.	0.0094	0.0096	0.1435	273.0	39.2
16182.	87.0	-60.3	154.4	154.4	-61.2	89.	0.0092	0.0094	0.1424	273.0	39.3
16237.	86.2	-60.4	155.5	155.5	-61.2	89.	0.0092	0.0094	0.1411	273.0	39.4
16289.	85.5	-60.5	156.5	156.5	-61.3	89.	0.0092	0.0094	0.1399	274.0	39.5
16339.	84.8	-60.1	157.3	157.3	-61.0	89.	0.0095	0.0097	0.1387	274.0	39.7
16394.	84.0	-60.0	158.3	158.3	-60.9	89.	0.0096	0.0098	0.1373	274.0	39.8
16450.	83.3	-60.0	159.3	159.3	-60.9	89.	0.0096	0.0098	0.1362	274.0	39.9
16502.	82.6	-60.1	160.2	160.4	-61.0	89.	0.0096	0.0097	0.1351	274.0	39.9
16561.	81.8	-60.1	161.2	161.2	-61.0	89.	0.0096	0.0097	0.1338	274.0	40.0
16617.	81.1	-60.1	162.4	162.4	-61.0	89.	0.0096	0.0097	0.1326	274.0	40.1
16671.	80.4	-59.9	163.5	163.5	-60.8	89.	0.0098	0.0099	0.1313	274.0	40.1
16726.	79.7	-59.6	164.7	164.7	-60.5	89.	0.0101	0.0102	0.1300	274.0	40.2
16781.	79.0	-59.6	165.8	165.8	-60.5	89.	0.0101	0.0103	0.1288	274.0	40.1
16836.	78.3	-59.6	166.9	166.9	-60.5	89.	0.0101	0.0102	0.1277	274.0	40.1
16892.	77.6	-59.7	167.8	167.8	-60.6	89.	0.0101	0.0103	0.1267	274.0	40.1
16941.	77.0	-59.7	168.8	168.8	-60.6	89.	0.0101	0.0102	0.1257	274.0	40.0
16998.	76.3	-59.8	169.8	169.8	-60.7	89.	0.0100	0.0101	0.1245	274.0	39.9
17055.	75.6	-59.8	170.6	170.6	-60.7	89.	0.0100	0.0102	0.1233	274.0	39.8
17107.	75.0	-59.9	171.6	171.6	-60.8	89.	0.0099	0.0101	0.1222	274.0	39.8
17164.	74.3	-59.9	172.6	172.6	-60.8	89.	0.0098	0.0100	0.1209	274.0	39.8
17220.	73.6	-59.9	173.6	173.6	-60.8	89.	0.0098	0.0099	0.1197	274.0	39.8
17274.	73.0	-59.7	174.7	174.7	-60.7	89.	0.0099	0.0101	0.1186	274.0	39.9
17329.	72.3	-59.6	175.8	175.8	-60.5	89.	0.0100	0.0101	0.1173	274.0	39.9
17378.	71.8	-59.4	176.7	176.7	-60.4	89.	0.0101	0.0102	0.1165	274.0	40.0
17431.	71.2	-59.3	177.8	177.8	-60.2	89.	0.0101	0.0102	0.1155	274.0	40.0
17484.	70.6	-59.3	178.8	178.8	-60.2	89.	0.0101	0.0102	0.1145	274.0	40.0
17536.	70.0	-59.2	179.7	179.7	-60.1	89.	0.0101	0.0102	0.1134	274.0	40.0
17592.	69.4	-59.2	180.7	180.7	-60.1	89.	0.0101	0.0101	0.1123	274.0	40.0
17647.	68.8	-59.2	181.8	181.8	-60.1	89.	0.0101	0.0102	0.1112	274.0	40.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
17693.	66.3	-57.5	191.6	191.6	-58.4	89.	0.0134	0.0136	0.1103	274.0	41.8
17748.	67.7	-57.4	192.4	192.4	-58.3	89.	0.0136	0.0137	0.1093	274.0	42.2
17804.	67.1	-57.2	194.0	194.0	-58.1	89.	0.0140	0.0141	0.1083	274.0	42.6
17852.	66.6	-56.9	195.7	195.7	-57.8	89.	0.0146	0.0146	0.1073	275.0	42.9
17909.	66.0	-56.8	197.5	197.6	-57.5	89.	0.0151	0.0152	0.1062	275.0	43.2
17967.	65.4	-56.5	199.2	199.3	-57.4	89.	0.0153	0.0154	0.1052	275.0	43.6
18019.	64.9	-56.5	199.8	199.8	-57.5	89.	0.0151	0.0152	0.1044	275.0	44.0
18074.	64.3	-56.6	201.1	201.1	-57.5	89.	0.0151	0.0152	0.1035	275.0	44.3
18124.	63.8	-56.6	202.1	202.1	-57.5	89.	0.0151	0.0152	0.1026	275.0	44.6
18183.	63.2	-56.5	203.6	203.7	-57.4	89.	0.0153	0.0154	0.1016	275.0	44.8
18244.	62.6	-56.2	205.6	205.6	-57.1	89.	0.0160	0.0160	0.1005	274.0	45.0
18305.	62.0	-56.0	207.3	207.4	-56.9	89.	0.0164	0.0164	0.0995	274.0	45.2
18356.	61.5	-55.7	208.9	209.0	-56.6	89.	0.0170	0.0170	0.0985	274.0	45.3
18406.	61.0	-55.5	210.7	210.7	-56.4	89.	0.0175	0.0175	0.0977	274.0	45.5
18471.	60.4	-55.4	212.3	212.3	-56.3	89.	0.0177	0.0177	0.0966	277.0	45.6
18536.	59.8	-55.4	213.7	213.7	-56.3	89.	0.0177	0.0177	0.0957	277.0	45.6
18586.	59.3	-55.3	215.0	215.1	-56.2	89.	0.0179	0.0179	0.0948	277.0	45.7
18642.	58.8	-54.8	217.4	217.4	-55.7	89.	0.0191	0.0191	0.0938	277.0	45.7
18697.	58.3	-54.4	219.5	219.5	-55.3	89.	0.0201	0.0200	0.0929	277.0	45.8
18752.	57.8	-54.2	221.1	221.2	-55.1	89.	0.0207	0.0205	0.0920	278.0	45.8
18808.	57.3	-54.1	222.8	222.9	-54.9	89.	0.0212	0.0211	0.0911	278.0	45.7
18864.	56.8	-53.8	224.5	224.6	-54.7	89.	0.0218	0.0216	0.0902	278.0	45.7
18920.	56.3	-53.6	226.2	226.3	-54.5	89.	0.0223	0.0221	0.0894	278.0	45.7
18978.	55.8	-53.4	227.9	228.0	-54.3	89.	0.0229	0.0227	0.0885	278.0	45.6
19024.	55.4	-53.0	229.9	230.0	-53.9	89.	0.0241	0.0238	0.0877	278.0	45.6
19082.	54.9	-52.8	232.1	232.2	-53.5	89.	0.0253	0.0250	0.0867	279.0	45.7
19141.	54.4	-52.6	234.3	234.4	-53.1	89.	0.0267	0.0263	0.0858	279.0	45.7
19199.	54.0	-52.3	235.8	235.9	-52.8	89.	0.0273	0.0269	0.0852	279.0	45.8
19245.	53.5	-52.4	236.3	236.4	-52.3	89.	0.0260	0.0256	0.0845	279.0	45.6
19310.	53.0	-52.5	237.4	237.5	-52.4	89.	0.0257	0.0253	0.0837	279.0	45.9
19371.	52.5	-52.5	238.8	238.9	-52.4	89.	0.0257	0.0253	0.0829	279.0	46.1
19420.	52.1	-52.5	239.9	240.0	-52.4	89.	0.0257	0.0253	0.0823	279.0	46.3
19482.	51.6	-52.4	241.6	241.7	-52.3	89.	0.0260	0.0256	0.0815	280.0	46.5
19533.	51.2	-52.2	243.2	243.3	-52.1	89.	0.0267	0.0263	0.0808	280.0	46.7
19596.	50.7	-52.1	244.9	245.0	-52.0	89.	0.0270	0.0266	0.0799	280.0	47.2
19647.	50.3	-52.2	245.8	245.9	-52.1	89.	0.0247	0.0263	0.0793	279.0	47.6
19712.	49.8	-52.3	247.1	247.2	-52.2	89.	0.0263	0.0259	0.0786	280.0	47.9
19764.	49.4	-52.5	247.9	247.9	-52.4	89.	0.0257	0.0253	0.0780	280.0	48.3
19830.	48.9	-52.2	250.0	250.1	-52.1	89.	0.0267	0.0263	0.0771	279.0	48.6
19883.	48.5	-51.9	252.1	252.1	-51.8	89.	0.0277	0.0272	0.0764	279.0	48.9
19950.	48.0	-51.5	254.5	254.6	-51.4	89.	0.0291	0.0286	0.0755	279.0	49.3
20004.	47.6	-51.3	256.2	256.3	-51.2	89.	0.0298	0.0293	0.0748	279.0	49.5
20059.	47.2	-51.2	257.7	257.9	-51.1	89.	0.0302	0.0296	0.0741	280.0	49.7
20114.	46.8	-51.3	258.8	258.9	-51.2	89.	0.0298	0.0293	0.0735	280.0	49.8
20172.	46.4	-51.1	260.6	260.7	-51.0	89.	0.0306	0.0300	0.0728	280.0	49.9
20226.	46.0	-51.0	262.1	262.3	-50.9	89.	0.0310	0.0305	0.0722	280.0	50.1
20283.	45.6	-50.9	263.7	263.9	-50.8	89.	0.0314	0.0307	0.0715	280.0	50.1
20340.	45.2	-50.6	265.5	265.6	-50.5	89.	0.0326	0.0318	0.0708	280.0	50.2
20398.	44.8	-50.2	266.1	266.3	-50.1	89.	0.0342	0.0334	0.0700	280.0	50.1
20456.	44.4	-49.8	270.5	270.7	-50.0	89.	0.0360	0.0350	0.0693	280.0	50.1
20516.	44.0	-49.6	272.4	272.6	-49.5	89.	0.0369	0.0359	0.0686	280.0	50.0
20575.	43.6	-49.3	274.6	274.7	-50.2	89.	0.0382	0.0372	0.0679	280.0	50.0
20621.	43.3	-49.6	276.4	276.6	-49.9	89.	0.0347	0.0385	0.0673	280.0	50.1
20681.	42.9	-48.9	278.1	278.3	-49.8	89.	0.0402	0.0392	0.0667	281.0	50.1
20743.	42.5	-48.8	279.8	280.0	-49.7	89.	0.0407	0.0394	0.0660	280.0	50.1
20805.	42.1	-48.7	281.5	281.7	-49.7	89.	0.0412	0.0399	0.0654	281.0	50.2
20852.	41.8	-48.5	283.2	283.4	-49.5	89.	0.0422	0.0408	0.0649	281.0	50.2
20915.	41.4	-48.4	284.9	285.2	-49.4	89.	0.0427	0.0413	0.0642	281.0	50.3
20979.	41.0	-48.2	287.0	287.2	-49.2	89.	0.0437	0.0423	0.0635	281.0	50.4
21043.	40.6	-48.0	289.1	289.3	-49.0	89.	0.0448	0.0433	0.0629	281.0	50.5
21109.	40.2	-48.0	290.7	290.9	-47.0	89.	0.0448	0.0433	0.0622	281.0	50.6
21174.	39.8	-47.9	292.5	292.8	-48.8	89.	0.0454	0.0438	0.0616	281.0	50.8
21224.	39.5	-47.7	294.3	294.5	-48.7	89.	0.0465	0.0449	0.0611	281.0	50.9
21291.	39.1	-47.4	296.7	296.9	-48.4	89.	0.0482	0.0465	0.0604	281.0	51.2
21342.	38.8	-47.1	298.7	299.0	-48.1	89.	0.0500	0.0481	0.0598	281.0	51.4
21394.	38.5	-47.3	299.4	299.7	-48.3	89.	0.0488	0.0472	0.0594	281.0	51.5
21463.	38.1	-47.6	300.4	300.7	-48.6	89.	0.0470	0.0454	0.0589	281.0	52.0
21515.	37.8	-47.9	300.9	301.2	-48.9	89.	0.0454	0.0438	0.0585	282.0	52.1
21567.	37.5	-48.3	301.2	301.5	-49.3	89.	0.0432	0.0418	0.0581	283.0	52.5
21620.	37.2	-47.8	303.8	304.1	-48.8	89.	0.0459	0.0443	0.0576	283.0	52.8
21691.	36.8	-47.2	307.1	307.4	-48.2	89.	0.0494	0.0475	0.0568	283.0	53.1
21746.	36.5	-46.6	310.0	310.3	-47.6	89.	0.0531	0.0510	0.0562	284.0	53.5
21806.	36.2	-45.9	313.2	313.6	-46.9	89.	0.0577	0.0552	0.0555	284.0	53.8
21856.	35.9	-45.2	316.4	316.8	-46.2	89.	0.0627	0.0598	0.0549	285.0	54.1
21912.	35.6	-44.3	320.2	320.6	-45.3	89.	0.0697	0.0663	0.0543	286.0	54.6
21969.	35.3	-43.5	323.7	324.2	-44.5	89.	0.0765	0.0725	0.0536	287.0	55.0
22007.	35.1	-42.8	326.5	327.0	-43.8	89.	0.0838	0.0784	0.0532	287.0	55.5
22065.	34.8	-42.3	329.2	329.8	-43.3	89.	0.0880	0.0829	0.0526	288.0	56.0
22143.	34.4	-42.5	330.7	331.3	-43.5	89.	0.0860	0.0811	0.0520	289.0	56.4
22202.	34.1	-42.6	332.0	332.5	-43.6	89.	0.0850	0.0802	0.0516	289.0	56.7
22261.	33.8	-42.6	333.5	334.1	-43.6	89.	0.0850	0.0802	0.0512	290.0	57.1
22322.	33.5	-42.7	334.8	335.4	-43.7	89.	0.0840	0.0793	0.0507	290.0	57.4
22382.	33.2	-42.8	336.1	336.7	-43.8	89.	0.0830	0.0784	0.0503	291.0	57.6
22443.	32.9	-43.0	337.1	337.7	-44.0	89.	0.0811	0.0767	0.0499	291.0	57.8
22505.	32.6	-43.3	337.9	338.5	-44.3	89.	0.0783	0.0742	0.0495	291.0	58.1
22567.	32.3	-43.7	338.5	339.0	-44.7	89.	0.0748	0.0709	0.0491	291.0	58.3
22630.	32.0	-43.8	339.8	340.4	-44.8	89.	0.0739	0.0701	0.0487	291.0	58.4
22693.	31.7	-43.6	341.5	342.0	-44.8	89.	0.0739	0.0701	0.0482	291.0	58.4
22735.	31.5	-43.6	343.1	343.7	-44.6	89.	0.0757	0.0717	0.0479	291.0	58.7
22800.	31.2	-43.2	345.9	346.5	-44.2	89.	0.0793	0.0750	0.0473	291.0	58.8
22865.	30.9	-42.9	348.4	349.1	-43.9	89.	0.0821	0.0776	0.0468	291.0	58.9
22931.	30.6	-42.6	351.0	351.6	-43.6	89.	0.0850	0.0802	0.0463	290.0	59.3
22997.	30.3	-42.5	353.0	353.7	-43.5	89.	0.0860	0.0811	0.0458	290.0	59.6
23042.	30.1	-42.5	354.2	354.9	-43.5	89.	0.0860	0.0811	0.0455	290.0	59.8
23109.	29.8	-42.3	356.5	357.2	-43.3	89.	0.0880	0.0829	0.0451	289.0	60.1
23155.	29.6	-42.1	358.3	359.0	-43.1	89.	0.0900	0.0848	0.0447	289.0	60.5
23224.	29.3	-41.8	361.0	361.7	-42.8	89.	0.0932	0.0877	0.0442	289.0	60.8
23270.	29.1	-41.6	363.0	363.8	-42.5	89.	0.0965	0.0906	0.0439	289.0	61.1
23317.	28.9	-41.2	365.1	365.9	-42.2	89.	0.0998	0.0937	0.0435	289.0	61.3
23338.	28.8	-40.9	367.8	368.7	-41.9	89.	0.1033	0.0968	0.0430	289.0	61.6
23436.	28.4	-40.5	370.2	371.2	-41.5	89.	0.1081	0.1011	0.0426	288.0	61.8
23484.	28.2	-40.1	372.6	373.6	-41.1	89.	0.1131	0.1057	0.0423	288.0	62.0
23557.	27.9	-39.8	375.4	376.5	-40.8	89.	0.1170	0.1092	0.0418	286.0	62.2
23606.	27.7	-39.5	377.6	378.7	-40.5	89.	0.1211	0.1128	0.0414	288.0	62.0
23656.	27.5	-39.1	380.1	381.2	-40.1	89.	0.1266	0.1178	0.0410	288.0	61.9
23731.	27.2	-38.6	383.5	384.8	-39.6	89.	0.1339	0.1243	0.0405	288.0	61.6
23782.	27.0	-38.1	386.3	387.6	-39.1	89.	0.1416	0.1311	0.0401	287.0	61.1
23859.	26.7	-37.8	389.3	390.6	-38.8	89.	0.1464	0.1354	0.0397	288.0	60.8
23911.	26.5	-37.7	391.0	392.4	-38.7	89.	0.1481	0.1369	0.0393	288.0	60.2
23963.	26.3	-37.5	393.0	394.4	-38.5	89.	0.1514	0.1398	0.0390	288.0	59.5
24016.	26.1	-37.3	395.0	396.5	-38.3	89.	0.1548	0.1428	0.0387	287.0	58.3

SOUNDING [illegible]
LATITUDE -60.[illegible] LONGITUDE [illegible]
DATE 11- [illegible]-81 TIME [illegible]347 GMT
NUMBER OF LEVELS 379

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
54.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
109.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
163.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
217.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
267.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
317.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
369.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
421.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
472.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
523.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
571.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
619.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
668.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
716.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
767.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
825.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
877.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
934.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
990.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1044.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1094.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1155.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1210.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1269.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1321.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1376.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1436.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1494.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1552.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1611.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1673.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1736.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1797.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1860.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1920.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1981.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2041.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2152.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2206.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2256.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2306.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2360.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2411.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2461.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2513.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2569.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2626.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2683.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2740.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2797.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2854.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2908.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2959.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3011.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3065.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3116.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3170.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3226.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3284.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3342.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3398.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3455.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3517.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3579.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3634.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3691.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3749.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3807.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3864.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3924.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3983.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4042.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4097.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4153.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4211.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4271.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4333.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4392.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4454.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4515.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4576.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4639.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4699.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4760.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4818.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4878.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4938.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4998.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5058.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5117.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5173.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5227.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5282.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5337.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5390.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5446.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5503.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5557.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5615.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5670.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5728.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5788.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
5847.	482.6	-34.1	25.2	25.3	-35.2	88.	0.2197	0.2051	0.6716	247.0	16.3
5902.	477.3	-34.4	25.4	25.4	-35.5	88.	0.2104	0.1919	0.6674	247.0	17.2
5957.	472.1	-34.8	25.4	25.5	-36.1	88.	0.1994	0.1822	0.6636	246.0	17.3
6012.	466.9	-35.1	25.5	25.7	-36.5	88.	0.1909	0.1748	0.6594	246.0	17.4
6068.	461.6	-35.5	25.7	25.8	-36.8	88.	0.1844	0.1694	0.6551	247.0	17.5
6124.	456.4	-35.8	26.1	26.2	-37.2	88.	0.1765	0.1624	0.6508	247.0	17.5
6179.	451.4	-36.1	26.3	26.3	-37.6	88.	0.1692	0.1557	0.6467	247.0	17.5
6235.	446.3	-36.5	26.5	26.5	-38.2	88.	0.1624	0.1492	0.6423	247.0	17.5
6291.	441.2	-36.8	26.7	26.7	-38.4	88.	0.1550	0.1431	0.6381	247.0	17.5
6347.	436.2	-37.2	27.0	27.0	-38.7	88.	0.1483	0.1371	0.6334	248.0	17.5
6403.	431.3	-37.5	27.2	27.2	-39.1	88.	0.1418	0.1313	0.6287	249.0	17.5
6459.	426.5	-37.8	27.4	27.4	-39.6	88.	0.1341	0.1245	0.6244	250.0	17.4
6515.	421.7	-38.2	27.5	27.5	-40.1	88.	0.1264	0.1179	0.6204	251.0	17.4
6572.	417.0	-38.5	27.6	27.6	-40.6	88.	0.1195	0.1117	0.6163	250.0	17.4
6628.	412.3	-38.8	27.7	27.7	-41.1	88.	0.1133	0.1058	0.6124	250.0	17.4
6685.	407.7	-39.2	27.8	27.8	-41.6	88.	0.1071	0.1002	0.6085	250.0	17.4
6742.	403.1	-39.5	27.8	27.8	-42.1	88.	0.1012	0.0948	0.6052	250.0	17.4
6799.	398.5	-39.8	27.9	27.9	-42.6	88.	0.0957	0.0897	0.6016	251.0	17.4
6856.	394.0	-40.2	27.9	27.9	-43.1	88.	0.0904	0.0848	0.5981	250.0	17.4
6914.	389.5	-40.5	27.9	27.9	-43.6	88.	0.0854	0.0802	0.5946	250.0	17.4
6972.	385.1	-40.9	27.9	27.9	-44.1	88.	0.0807	0.0758	0.5909	250.0	17.4
7030.	380.7	-41.2	27.9	27.9	-44.6	88.	0.0763	0.0717	0.5872	250.0	17.4
7088.	376.3	-41.6	27.9	27.9	-45.1	88.	0.0721	0.0678	0.5835	250.0	17.4
7146.	372.0	-41.9	27.9	27.9	-45.6	88.	0.0682	0.0642	0.5799	250.0	17.4
7205.	367.7	-42.3	27.9	27.9	-46.1	88.	0.0645	0.0607	0.5762	250.0	17.4
7264.	363.5	-42.6	27.9	27.9	-46.6	88.	0.0610	0.0574	0.5726	250.0	17.4
7322.	359.3	-43.0	27.9	27.9	-47.1	88.	0.0577	0.0543	0.5690	250.0	17.4
7381.	355.1	-43.3	27.9	27.9	-47.6	88.	0.0545	0.0513	0.5654	250.0	17.4
7441.	351.0	-43.7	27.9	27.9	-48.1	88.	0.0515	0.0485	0.5618	250.0	17.4
7500.	346.9	-44.0	27.9	27.9	-48.6	88.	0.0487	0.0458	0.5582	250.0	17.4
7560.	342.9	-44.4	27.9	27.9	-49.1	88.	0.0460	0.0433	0.5546	250.0	17.4
7620.	338.9	-44.7	27.9	27.9	-49.6	88.	0.0434	0.0409	0.5510	250.0	17.4
7680.	334.9	-45.1	27.9	27.9	-50.1	88.	0.0410	0.0386	0.5474	250.0	17.4
7741.	331.0	-45.4	27.9	27.9	-50.6	88.	0.0387	0.0364	0.5438	250.0	17.4
7802.	327.1	-45.8	27.9	27.9	-51.1	88.	0.0365	0.0343	0.5402	250.0	17.4
7863.	323.2	-46.1	27.9	27.9	-51.6	88.	0.0344	0.0323	0.5366	250.0	17.4
7924.	319.4	-46.5	27.9	27.9	-52.1	88.	0.0324	0.0304	0.5330	250.0	17.4
7986.	315.6	-46.8	27.9	27.9	-52.6	88.	0.0305	0.0286	0.5294	250.0	17.4
8048.	311.8	-47.2	27.9	27.9	-53.1	88.	0.0287	0.0268	0.5258	250.0	17.4
8110.	308.1	-47.5	27.9	27.9	-53.6	88.	0.0269	0.0251	0.5222	250.0	17.4
8173.	304.4	-47.9	27.9	27.9	-54.1	88.	0.0252	0.0235	0.5186	250.0	17.4
8236.	300.7	-48.2	27.9	27.9	-54.6	88.	0.0236	0.0219	0.5150	250.0	17.4
8299.	297.1	-48.6	27.9	27.9	-55.1	88.	0.0220	0.0204	0.5114	250.0	17.4
8362.	293.5	-48.9	27.9	27.9	-55.6	88.	0.0205	0.0189	0.5078	250.0	17.4
8426.	289.9	-49.3	27.9	27.9	-56.1	88.	0.0190	0.0175	0.5042	250.0	17.4
8490.	286.4	-49.6	27.9	27.9	-56.6	88.	0.0176	0.0162	0.5006	250.0	17.4
8554.	282.9	-50.0	27.9	27.9	-57.1	88.	0.0163	0.0149	0.4970	250.0	17.4
8619.	279.4	-50.3	27.9	27.9	-57.6	88.	0.0150	0.0137	0.4934	250.0	17.4
8684.	276.0	-50.7	27.9	27.9	-58.1	88.	0.0137	0.0125	0.4898	250.0	17.4
8749.	272.6	-51.0	27.9	27.9	-58.6	88.	0.0125	0.0114	0.4862	250.0	17.4
8814.	269.2	-51.4	27.9	27.9	-59.1	88.	0.0113	0.0103	0.4826	250.0	17.4
8880.	265.9	-51.7	27.9	27.9	-59.6	88.	0.0102	0.0093	0.4790	250.0	17.4
8946.	262.6	-52.1	27.9	27.9	-60.1	88.	0.0092	0.0083	0.4754	250.0	17.4
9013.	259.3	-52.4	27.9	27.9	-60.6	88.	0.0082	0.0074	0.4718	250.0	17.4
9079.	256.1	-52.8	27.9	27.9	-61.1	88.	0.0073	0.0066	0.4682	250.0	17.4
9146.	252.9	-53.1	27.9	27.9	-61.6	88.	0.0064	0.0058	0.4646	250.0	17.4
9213.	249.7	-53.5	27.9	27.9	-62.1	88.	0.0056	0.0050	0.4610	250.0	17.4
9281.	246.6	-53.8	27.9	27.9	-62.6	88.	0.0049	0.0044	0.4574	250.0	17.4
9348.	243.5	-54.2	27.9	27.9	-63.1	88.	0.0042	0.0038	0.4538	250.0	17.4
9416.	240.4	-54.5	27.9	27.9	-63.6	88.	0.0036	0.0032	0.4502	250.0	17.4
9484.	237.4	-54.9	27.9	27.9	-64.1	88.	0.0030	0.0027	0.4466	250.0	17.4
9553.	234.4	-55.2	27.9	27.9	-64.6	88.	0.0025	0.0023	0.4430	250.0	17.4
9621.	231.4	-55.6	27.9	27.9	-65.1	88.	0.0021	0.0019	0.4394	250.0	17.4
9690.	228.5	-55.9	27.9	27.9	-65.6	88.	0.0017	0.0016	0.4358	250.0	17.4
9759.	225.6	-56.3	27.9	27.9	-66.1	88.	0.0014	0.0013	0.4322	250.0	17.4
9828.	222.7	-56.6	27.9	27.9	-66.6	88.	0.0011	0.0010	0.4286	250.0	17.4
9897.	219.9	-57.0	27.9	27.9	-67.1	88.	0.0008	0.0008	0.4250	250.0	17.4
9967.	217.1	-57.3	27.9	27.9	-67.6	88.	0.0006	0.0006	0.4214	250.0	17.4
10036.	214.3	-57.7	27.9	27.9	-68.1	88.	0.0005	0.0004	0.4178	250.0	17.4
10106.	211.5	-58.0	27.9	27.9	-68.6	88.	0.0003	0.0003	0.4142	250.0	17.4
10176.	208.8	-58.4	27.9	27.9	-69.1	88.	0.0002	0.0002	0.4106	250.0	17.4
10247.	206.1	-58.7	27.9	27.9	-69.6	88.	0.0001	0.0001	0.4070	250.0	17.4
10317.	203.4	-59.1	27.9	27.9	-70.1	88.	0.0001	0.0001	0.4034	250.0	17.4
10388.	200.7	-59.4	27.9	27.9	-70.6	88.	0.0000	0.0000	0.3998	250.0	17.4
10459.	198.1	-59.8	27.9	27.9	-71.1	88.	0.0000	0.0000	0.3962	250.0	17.4
10530.	195.5	-60.1	27.9	27.9	-71.6	88.	0.0000	0.0000	0.3926	250.0	17.4
10602.	192.9	-60.5	27.9	27.9	-72.1	88.	0.0000	0.0000	0.3890	250.0	17.4
10674.	190.3	-60.8	27.9	27.9	-72.6	88.	0.0000	0.0000	0.3854	250.0	17.4
10746.	187.8	-61.2	27.9	27.9	-73.1	88.	0.0000	0.0000	0.3818	250.0	17.4
10819.	185.2	-61.5	27.9	27.9	-73.6	88.	0.0000	0.0000	0.3782	250.0	17.4
10892.	182.7	-61.9	27.9	27.9	-74.1	88.	0.0000	0.0000	0.3746	250.0	17.4
10965.	180.2	-62.2	27.9	27.9	-74.6	88.	0.0000	0.0000	0.3710	250.0	17.4
11038.	177.7	-62.6	27.9	27.9	-75.1	88.	0.0000	0.0000	0.3674	250.0	17.4
11112.	175.2	-62.9	27.9	27.9	-75.6	88.	0.0000	0.0000	0.3638	250.0	17.4
11186.	172.8	-63.3	27.9	27.9	-76.1	88.	0.0000	0.0000	0.3602	250.0	17.4
11260.	170.3	-63.6	27.9	27.9	-76.6	88.	0.0000	0.0000	0.3566	250.0	17.4
11335.	167.9	-64.0	27.9	27.9	-77.1	88.	0.0000	0.0000	0.3530	250.0	17.4
11409.	165.5	-64.3	27.9	27.9	-77.6	88.	0.0000	0.0000	0.3494	250.0	17.4
11484.	163.1	-64.7	27.9	27.9	-78.1	88.	0.0000	0.0000	0.3458	250.0	17.4
11560.	160.7	-65.0	27.9	27.9	-78.6	88.	0.0000	0.0000	0.3422	250.0	17.4
11636.	158.3	-65.4	27.9	27.9	-79.1	88.	0.0000	0.0000	0.3386	250.0	17.4
11712.	156.0	-65.7	27.9	27.9	-79.6	88.	0.0000	0.0000	0.3350	250.0	17.4
11788.	153.6	-66.1	27.9	27.9	-80.1	88.	0.0000	0.0000	0.3314	250.0	17.4
11865.	151.3	-66.4	27.9	27.9	-80.6	88.	0.0000	0.0000	0.3278	250.0	17.4
11942.	149.0	-66.8	27.9	27.9	-81.1	88.	0.0000	0.0000	0.3242	250.0	17.4
12019.	146.7	-67.1	27.9	27.9	-81.6	88.	0.0000	0.0000	0.3206	250.0	17.4
12097.	144.4	-67.5	27.9	27.9	-82.1	88.	0.0000	0.0000	0.3170	250.0	17.4
12175.	142.1	-67.8	27.9	27.9	-82.6	88.	0.0000	0.0000	0.3134	250.0	17.4
12253.	139.8	-68.2	27.9	27.9	-83.1	88.	0.0000	0.0000	0.3098	250.0	17.4
12332.	137.6	-68.5	27.9	27.9	-83.6	88.	0.0000	0.0000	0.3062	250.0	17.4
12411.	135.3	-68.9	27.9	27.9	-84.1	88.	0.0000	0.0000	0.3026	250.0	17.4
12490.	133.1	-69.2	27.9	27.9	-84.6	88.	0.0000	0.0000	0.2990	250.0	17.4
12570.	130.9	-69.6	27.9	27.9	-85.1	88.	0.0000	0.0000	0.2954	250.0	17.4
12650.	128.7	-69.9	27.9	27.9	-85.6	88.	0.0000	0.0000	0.2918	250.0	17.4
12730.	126.5	-70.3	27.9	27.9	-86.1	88.	0.0000	0.0000	0.2882	250.0	17.4
12811.	124.3	-70.6	27.9	27.9	-86.6	88.	0.0000	0.0000	0.2846	250.0	17.4
12892.	122.1	-71.0	27.9	27.9	-87.1	88.	0.0000	0.0000	0.2810	250.0	17.4
12973.	120.0	-71.3	27.9	27.9	-87.6	88.	0.0000	0.0000	0.2774	250.0	17.4
13055.	117.8	-71.7	27.9	27.9	-88.1	88.	0.0000	0.0000	0.2738	250.0	17.4
13137.	115.7	-72.0	27.9	27.9	-88.6	88.	0.0000	0.0000	0.2702	250.0	17.4
13220.	113.6	-72.4	27.9	27.9	-89.1	88.	0.0000	0.0000	0.2666	250.0	17.4
13303.	111.5	-72.7	27.9	27.9	-89.6	88.	0.0000	0.0000	0.2630	250.0	17.4
13386.	109.4	-73.1	27.9	27.9	-90.1	88.	0.0000	0.0000	0.2594	250.0	17.4
13470.	107.3	-73.4	27.9	27.9	-90.6	88.	0.0000	0.0000	0.2558	250.0	17.4
13554.	105.2	-73.8	27.9	27.9	-91.1	88.	0.0000	0.0000	0.2522	250.0	17.4
13639.	103.2	-74.1	27.9	27.9	-91.6	88.	0.0000	0.0000	0.2486	250.0	17.4
13724.	101.1	-74.5	27.9	27.9	-92.1	88.	0.0000	0.0000	0.2450	250.0	17.4
13809.	99.1	-74.8	27.9	27.9	-92.6	88.	0.0000	0.0000	0.2414	250.0	17.4
13895.	97.1	-75.2	27.9	27.9	-93.1	88.	0.0000	0.0000	0.2378	250.0	17.4
13981.	95.1	-75.5	27.9	27.9	-93.6	88.	0.0000	0.0000	0.2342	250.0	17.4
14068.	93.1	-75.9	27.9	27.9	-94.1	88.	0.0000	0.0000	0.2306	250.0	17.4
14155.	91.1	-76.2	27.9	27.9	-94.6	88.	0.0000	0.0000	0.2270	250.0	17.4
14242.	89.2	-76.6	27.9	27.9	-95.1	88.	0.0000	0.0000	0.2234	250.0	17.4
14330.	87.2	-76.9	27.9	27.9	-95.6	88.	0.0000	0.0000	0.2198	250.0	17.4
14418.	85.3	-77.3	27.9	27.9	-96.1	88.	0.0000	0.0000	0.2162	250.0	17.4
14507.	83.4	-77.6	27.9	27.9	-96.6	88.	0.0000	0.0000	0.2126	250.0	17.4
14596.	81.5	-78.0	27.9	27.9	-97.1	88.	0.0000	0.0000	0.2090	250.0	17.4
14685.	79.6	-78.3	27.9	27.9	-97.6	88.	0.0000	0.0000	0.2054	250.0	17.4
14775.	77.7	-78.7	27.9	27.9	-98.1	88.	0.0000	0.0000	0.2018	250.0	17.4
14865.	75.8	-79.0	27.9	27.9	-98.6	88.	0.0000	0.0000	0.1982	250.0	17.4
14956.	74.0	-79.4	27.9	27.9	-99.1	88.	0.0000	0.0000	0.1946	250.0	17.4
15047.	72.1	-79.7	27.9	27.9	-99.6	88.	0.0000	0.0000	0.1910	250.0	17.4
15138.	70.3	-80.1	27.9	27.9	-100.1	88.	0.0000	0.0000	0.1874	250.0	17.4
15230.	68.5	-80.4	27.9	27.9	-100.6	88.	0.0000	0.0000	0.1838	250.0	17.4
15322.	66.7	-80.8	27.9	27.9	-101.1	88.	0.0000	0.0000	0.1802	250.0	17.4
15415.	64.9	-81.1	27.9	27.9	-101.6	88.	0.0000	0.0000	0.1766	250.0	17.4
15508.	63.1	-81.5	27.9	27.9	-102.1	88.	0.0000	0.0000	0.1730	250.0	17.4
15601.	61.3	-81.8	27.9	27.9	-102.6	88.	0.0000	0.0000	0.1694	250.0	17.4
15695.	59.5	-82.2	27.9	27.9	-103.1	88.	0.0000	0.0000	0.1658	250.0	17.4
15789.	57.8	-82.5	27.9	27.9	-103.6	88.	0.0000	0.0000	0.1622	250.0	17.4
15884.	56.0	-82.9	27.9	27.9	-104.1	88.	0.0000	0.0000	0.1586	250.0	17.4
15979.	54.3	-83.2	27.9	27.9	-104.6	88.	0.0000	0.0000	0.1550	250.0	17.4
16074.	52.6	-83.6	27.9	27.9	-105.1	88.	0.0000	0.0000	0.1514	250.0	17.4
16170.	50.9	-83.9	27.9	27.9	-105.6	88.	0.0000	0.0000	0.1478	250.0	17.4
16266.	49.2	-84.3	27.9	27.9	-106.1	88.	0.0000	0.0000	0.1442	250.0	17.4
16363.	47.5	-84.6	27.9	27.9	-106.6	88.	0.0000	0.0000	0.1406	250.0	17.4
16460.	45.8	-85.0	27.9	27.9	-107.1	88.	0.0000	0.0000	0.1370	250.0	17.4
16557.	44.2	-85.3	27.9	27.9	-107.6	88.	0.0000	0.0000	0.1334	250.0	17.4
16655.	42.5	-85.7	27.9	27.9	-108.1	88.	0.0000	0.0000	0.1298	250.0	17.4
16754.	40.9	-86.0	27.9	27.9	-108.6	88.	0.0000	0.0000	0.1262	250.0	17.4
16853.	39.3	-86.4	27.9	27.9	-109.1	88.	0.0000	0.0000	0.1226	250.0	17.4
16952.	37.7	-86.7	27.9	27.9	-109.6	88.	0.0000	0.0000	0.1190	250.0	17.4
17052.	36.1	-87.1	27.9	27.9	-110.1	88.	0.0000	0.0000	0.1154	250.0	17.4
17152.	34.5	-87.4	27.9	27.9	-110.6	88.	0.0000	0.0000	0.1118	250.0	17.4
17253.	32.9	-87.8	27.9	27.9	-111.1	88.	0.0000	0.0000	0.1082	250.0	17.4
17354.	31.4	-88.1	27.9	27.9	-111.6	88.	0.0000	0.0000	0.1046	250.0	17.4
17455.	29.8	-88.5	27.9	27.9	-112.1	88.	0.0000	0.0000	0.1010	250.0	17.4
17557.	28.3	-88.8	27.9	27.9	-112.6	88.	0.0000	0.0000	0.0974	250.0	17.4
17660.	26.8	-89.2	27.9	27.9	-113.1	88.	0.0000	0.0000	0.0938	250.0	17.4
17763.	25.3	-89.5	27.9	27.9	-113.6	88.	0.0000	0.0000	0.0902	250.0	17.4
17866.	23.8	-89.9	27.9	27.9	-114.1	88.	0.0000	0.0000	0.0866	250.0	17.4
17970.	22.3	-90.2	27.9	27.9	-114.6	88.	0.0000	0.0000	0.0830	250.0	17.4
18074.	20.8	-90.6	27.9	27.9	-115.1	88.	0.0000	0.0000	0.0794	250.0	17.4
18179.	19.4	-90.9	27.9	27.9	-115.6	88.	0.0000	0.0000	0.0758	250.0	17.4
18284.	17.9	-91.3	27.9	27.9	-116.1	88.	0.0000	0.0000	0.0722	250.0	17.4
18389.	16.5	-91.6	27.9	27.9	-116.6	88.	0.0000	0.0000	0.0686	250.0	17.4
18495.	15.0	-92.0	27.9	27.9	-117.1	88.	0.0000	0.0000	0.0650	250.0	17.4
18601.	13.6	-92.3	27.9	27.9	-117.6	88.	0.0000	0.0000	0.0614	250.0	17.4
18708.	12.2	-92.7	27.9	27.9	-118.1	88.	0.0000	0.0000	0.0578	250.0	17.4
18815.	10.8	-93.0	27.9	27.9	-118.6	88.	0.0000	0.0000	0.0542	250.0	17.4
18922.	9.4	-93.4	27.9	27.9	-119.1	88.	0.0000	0.0000	0.0506	250.0	17.4
19030.	8.0	-93.7	27.9	27.9	-119.6	88.	0.0000	0.0000	0.0470	250.0	17.4
19138.	6.6	-94.1	27.9	27.9	-120.1	88.	0.0000	0.0000	0.0434	250.0	17.4
19247.	5.2	-94.4	27.9	27.9	-120.6	88.	0.0000	0.0000	0.0398	250.0	17.4
19356.	3.8	-94.8	27.9	27.9	-121.1	88.	0.0000	0.0000	0.0362	250.0	17.4
19465.	2.4	-95.1	27.9	27.9	-121.6	88.	0.0000	0.0000	0.0326	250.0	17.4
19574.	1.0	-95.5	27.9	27.9	-122.1	88.	0.0000	0.0000	0.0290	250.0	17.4
19684.	-0.4	-95.8	27.9	27.9	-122.6	88.	0.0000	0.0000	0.0254	250.0	17.4
19794.	-1.8	-96.2	27.9	27.9	-123.1	88.	0.0000	0.0000	0.0218	250.0	17.4
19904.	-3.2	-96.5	27.9	27.9	-123.6	88.	0.0000	0.0000	0.0182	250.0	17.4
20014.	-4.6	-96.9	27.9	27.9	-124.1	88.	0.0000	0.0000	0.0146	250.0	17.4
20125.	-6.0	-97.2	27.9	27.9	-124.6	88.	0.0000	0.0000	0.0110	250.0	17.4
20236.	-7.4	-97.6	27.9	27.9	-125.1	88.	0.0000	0.0000	0.0074	250.0	17.4
20347.	-8.8	-97.9	27.9	27.9	-125.6	88.	0.0000	0.0000	0.0038	250.0	17.4
20458.	-10.2	-98.3	27.9	27.9	-126.1	88.	0.0000	0.0000	0.0002	250.0	17.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12648.	154.5	-67.4	75.5	75.5	-69.8	88.	0.0021	0.0033	0.2444	270.0	24.1
12722.	154.4	-67.2	76.	76.0	-69.6	88.	0.0021	0.0032	0.2421	270.0	24.1
12797.	153.0	-67.1	77.1	77.1	-69.5	88.	0.0021	0.0032	0.2397	270.0	24.1
12872.	151.7	-66.9	78.4	78.4	-69.3	88.	0.0021	0.0033	0.2376	270.0	24.1
12947.	150.3	-66.7	79.	79.	-69.1	88.	0.0021	0.0033	0.2357	270.0	24.1
13022.	149.2	-66.6	79.7	79.7	-69.1	88.	0.0021	0.0033	0.2336	270.0	24.1
13096.	148.0	-66.4	80.8	80.8	-69.1	88.	0.0021	0.0033	0.2316	270.0	24.1
13171.	146.7	-66.2	81.9	81.9	-69.0	88.	0.0021	0.0033	0.2295	270.0	24.1
13246.	145.5	-66.0	83.1	83.1	-68.9	88.	0.0021	0.0033	0.2274	270.0	24.1
13321.	144.3	-65.8	84.2	84.2	-68.8	88.	0.0021	0.0033	0.2254	270.0	24.1
13396.	143.1	-65.6	85.3	85.3	-68.7	88.	0.0021	0.0033	0.2234	270.0	24.1
13471.	141.9	-65.4	86.4	86.4	-68.6	88.	0.0021	0.0033	0.2214	270.0	24.1
13546.	140.7	-65.2	87.6	87.6	-68.5	88.	0.0021	0.0033	0.2196	270.0	24.1
13621.	139.5	-65.0	88.7	88.7	-68.4	88.	0.0021	0.0033	0.2178	270.0	24.1
13696.	138.3	-64.8	89.8	89.8	-68.3	88.	0.0021	0.0033	0.2159	270.0	24.1
13771.	137.3	-64.6	90.9	90.9	-68.2	88.	0.0021	0.0033	0.2144	270.0	24.1
13846.	136.2	-64.5	92.1	92.1	-68.1	88.	0.0021	0.0033	0.2125	270.0	24.1
13921.	135.1	-64.3	93.2	93.2	-68.1	88.	0.0021	0.0033	0.2108	270.0	24.1
13996.	134.0	-64.1	94.3	94.3	-68.0	88.	0.0021	0.0033	0.2088	270.0	24.1
14071.	132.9	-63.9	95.4	95.4	-68.0	88.	0.0021	0.0033	0.2069	270.0	24.1
14146.	131.8	-63.7	96.7	96.7	-68.0	88.	0.0021	0.0033	0.2051	270.0	24.1
14221.	130.8	-63.5	97.8	97.8	-68.0	88.	0.0021	0.0033	0.2034	270.0	24.1
14296.	129.8	-63.3	98.9	98.9	-68.0	88.	0.0021	0.0033	0.2016	270.0	24.1
14371.	128.8	-63.1	100.0	100.0	-68.0	88.	0.0021	0.0033	0.1999	270.0	24.1
14446.	127.8	-62.9	101.1	101.1	-68.0	88.	0.0021	0.0033	0.1982	270.0	24.1
14521.	126.8	-62.7	102.2	102.2	-68.0	88.	0.0021	0.0033	0.1965	270.0	24.1
14596.	125.8	-62.5	103.3	103.3	-68.0	88.	0.0021	0.0033	0.1948	270.0	24.1
14671.	124.8	-62.3	104.4	104.4	-68.0	88.	0.0021	0.0033	0.1931	270.0	24.1
14746.	123.8	-62.1	105.5	105.5	-68.0	88.	0.0021	0.0033	0.1914	270.0	24.1
14821.	122.8	-61.9	106.6	106.6	-68.0	88.	0.0021	0.0033	0.1897	270.0	24.1
14896.	121.8	-61.7	107.7	107.7	-68.0	88.	0.0021	0.0033	0.1880	270.0	24.1
14971.	120.8	-61.5	108.8	108.8	-68.0	88.	0.0021	0.0033	0.1863	270.0	24.1
15046.	119.8	-61.3	109.9	109.9	-68.0	88.	0.0021	0.0033	0.1846	270.0	24.1
15121.	118.8	-61.1	111.0	111.0	-68.0	88.	0.0021	0.0033	0.1829	270.0	24.1
15196.	117.8	-60.9	112.1	112.1	-68.0	88.	0.0021	0.0033	0.1812	270.0	24.1
15271.	116.8	-60.7	113.2	113.2	-68.0	88.	0.0021	0.0033	0.1795	270.0	24.1
15346.	115.8	-60.5	114.3	114.3	-68.0	88.	0.0021	0.0033	0.1778	270.0	24.1
15421.	114.8	-60.3	115.4	115.4	-68.0	88.	0.0021	0.0033	0.1761	270.0	24.1
15496.	113.8	-60.1	116.5	116.5	-68.0	88.	0.0021	0.0033	0.1744	270.0	24.1
15571.	112.8	-59.9	117.6	117.6	-68.0	88.	0.0021	0.0033	0.1727	270.0	24.1
15646.	111.8	-59.7	118.7	118.7	-68.0	88.	0.0021	0.0033	0.1710	270.0	24.1
15721.	110.8	-59.5	119.8	119.8	-68.0	88.	0.0021	0.0033	0.1693	270.0	24.1
15796.	109.8	-59.3	120.9	120.9	-68.0	88.	0.0021	0.0033	0.1676	270.0	24.1
15871.	108.8	-59.1	122.0	122.0	-68.0	88.	0.0021	0.0033	0.1659	270.0	24.1
15946.	107.8	-58.9	123.1	123.1	-68.0	88.	0.0021	0.0033	0.1642	270.0	24.1
16021.	106.8	-58.7	124.2	124.2	-68.0	88.	0.0021	0.0033	0.1625	270.0	24.1
16096.	105.8	-58.5	125.3	125.3	-68.0	88.	0.0021	0.0033	0.1608	270.0	24.1
16171.	104.8	-58.3	126.4	126.4	-68.0	88.	0.0021	0.0033	0.1591	270.0	24.1
16246.	103.8	-58.1	127.5	127.5	-68.0	88.	0.0021	0.0033	0.1574	270.0	24.1
16321.	102.8	-57.9	128.6	128.6	-68.0	88.	0.0021	0.0033	0.1557	270.0	24.1
16396.	101.8	-57.7	129.7	129.7	-68.0	88.	0.0021	0.0033	0.1540	270.0	24.1
16471.	100.8	-57.5	130.8	130.8	-68.0	88.	0.0021	0.0033	0.1523	270.0	24.1
16546.	99.8	-57.3	131.9	131.9	-68.0	88.	0.0021	0.0033	0.1506	270.0	24.1
16621.	98.8	-57.1	133.0	133.0	-68.0	88.	0.0021	0.0033	0.1489	270.0	24.1
16696.	97.8	-56.9	134.1	134.1	-68.0	88.	0.0021	0.0033	0.1472	270.0	24.1
16771.	96.8	-56.7	135.2	135.2	-68.0	88.	0.0021	0.0033	0.1455	270.0	24.1
16846.	95.8	-56.5	136.3	136.3	-68.0	88.	0.0021	0.0033	0.1438	270.0	24.1
16921.	94.8	-56.3	137.4	137.4	-68.0	88.	0.0021	0.0033	0.1421	270.0	24.1
16996.	93.8	-56.1	138.5	138.5	-68.0	88.	0.0021	0.0033	0.1404	270.0	24.1
17071.	92.8	-55.9	139.6	139.6	-68.0	88.	0.0021	0.0033	0.1387	270.0	24.1
17146.	91.8	-55.7	140.7	140.7	-68.0	88.	0.0021	0.0033	0.1370	270.0	24.1
17221.	90.8	-55.5	141.8	141.8	-68.0	88.	0.0021	0.0033	0.1353	270.0	24.1
17296.	89.8	-55.3	142.9	142.9	-68.0	88.	0.0021	0.0033	0.1336	270.0	24.1
17371.	88.8	-55.1	144.0	144.0	-68.0	88.	0.0021	0.0033	0.1319	270.0	24.1
17446.	87.8	-54.9	145.1	145.1	-68.0	88.	0.0021	0.0033	0.1302	270.0	24.1
17521.	86.8	-54.7	146.2	146.2	-68.0	88.	0.0021	0.0033	0.1285	270.0	24.1
17596.	85.8	-54.5	147.3	147.3	-68.0	88.	0.0021	0.0033	0.1268	270.0	24.1
17671.	84.8	-54.3	148.4	148.4	-68.0	88.	0.0021	0.0033	0.1251	270.0	24.1
17746.	83.8	-54.1	149.5	149.5	-68.0	88.	0.0021	0.0033	0.1234	270.0	24.1
17821.	82.8	-53.9	150.6	150.6	-68.0	88.	0.0021	0.0033	0.1217	270.0	24.1
17896.	81.8	-53.7	151.7	151.7	-68.0	88.	0.0021	0.0033	0.1200	270.0	24.1
17971.	80.8	-53.5	152.8	152.8	-68.0	88.	0.0021	0.0033	0.1183	270.0	24.1
18046.	79.8	-53.3	153.9	153.9	-68.0	88.	0.0021	0.0033	0.1166	270.0	24.1
18121.	78.8	-53.1	155.0	155.0	-68.0	88.	0.0021	0.0033	0.1149	270.0	24.1
18196.	77.8	-52.9	156.1	156.1	-68.0	88.	0.0021	0.0033	0.1132	270.0	24.1
18271.	76.8	-52.7	157.2	157.2	-68.0	88.	0.0021	0.0033	0.1115	270.0	24.1
18346.	75.8	-52.5	158.3	158.3	-68.0	88.	0.0021	0.0033	0.1098	270.0	24.1
18421.	74.8	-52.3	159.4	159.4	-68.0	88.	0.0021	0.0033	0.1081	270.0	24.1
18496.	73.8	-52.1	160.5	160.5	-68.0	88.	0.0021	0.0033	0.1064	270.0	24.1
18571.	72.8	-51.9	161.6	161.6	-68.0	88.	0.0021	0.0033	0.1047	270.0	24.1
18646.	71.8	-51.7	162.7	162.7	-68.0	88.	0.0021	0.0033	0.1030	270.0	24.1
18721.	70.8	-51.5	163.8	163.8	-68.0	88.	0.0021	0.0033	0.1013	270.0	24.1
18796.	69.8	-51.3	164.9	164.9	-68.0	88.	0.0021	0.0033	0.0996	270.0	24.1
18871.	68.8	-51.1	166.0	166.0	-68.0	88.	0.0021	0.0033	0.0979	270.0	24.1
18946.	67.8	-50.9	167.1	167.1	-68.0	88.	0.0021	0.0033	0.0962	270.0	24.1
19021.	66.8	-50.7	168.2	168.2	-68.0	88.	0.0021	0.0033	0.0945	270.0	24.1
19096.	65.8	-50.5	169.3	169.3	-68.0	88.	0.0021	0.0033	0.0928	270.0	24.1
19171.	64.8	-50.3	170.4	170.4	-68.0	88.	0.0021	0.0033	0.0911	270.0	24.1
19246.	63.8	-50.1	171.5	171.5	-68.0	88.	0.0021	0.0033	0.0894	270.0	24.1
19321.	62.8	-49.9	172.6	172.6	-68.0	88.	0.0021	0.0033	0.0877	270.0	24.1
19396.	61.8	-49.7	173.7	173.7	-68.0	88.	0.0021	0.0033	0.0860	270.0	24.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18316.	61.4	-58.2	214.1	214.1	-59.2	88.	0.0121	0.0123	0.0994	284.0	42.1
18534.	60.7	-57.	216.1	216.1	-58.9	88.	0.0126	0.0127	0.0982	284.0	42.1
18752.	60.2	-57.	217.8	217.8	-58.6	88.	0.0131	0.0132	0.0973	284.0	42.0
18969.	59.7	-57.4	219.4	219.5	-58.4	88.	0.0136	0.0136	0.0964	284.0	41.9
19187.	59.1	-57.1	221.1	221.2	-58.1	88.	0.0139	0.0139	0.0954	284.0	41.9
19405.	58.6	-57.	222.6	222.7	-57.9	88.	0.0142	0.0143	0.0946	284.0	41.8
19623.	58.2	-56.8	224.2	224.3	-57.8	88.	0.0146	0.0147	0.0937	284.0	41.8
19841.	57.7	-56.6	225.8	225.9	-57.6	88.	0.0151	0.0150	0.0927	284.0	41.7
20059.	57.1	-56.3	227.4	227.5	-57.3	88.	0.0156	0.0156	0.0917	284.0	41.5
20277.	56.6	-56.1	228.9	229.1	-57.1	88.	0.0162	0.0162	0.0908	284.0	41.4
20495.	56.1	-55.9	230.5	230.7	-56.8	88.	0.0166	0.0166	0.0899	284.0	41.3
20713.	55.6	-55.6	232.1	232.3	-56.6	88.	0.0171	0.0171	0.0890	284.0	41.2
20931.	55.1	-55.4	233.7	233.9	-56.4	88.	0.0175	0.0175	0.0882	284.0	41.1
21149.	54.7	-55.2	235.3	235.5	-56.2	88.	0.0177	0.0177	0.0875	283.0	41.0
21367.	54.2	-55.4	237.	237.2	-56.4	88.	0.0175	0.0175	0.0867	283.0	40.9
21585.	53.7	-55.4	238.	238.4	-56.4	88.	0.0175	0.0175	0.0859	283.0	40.8
21803.	53.2	-55.4	240.	240.6	-56.4	88.	0.0175	0.0175	0.0851	283.0	40.7
22021.	52.7	-55.4	241.6	241.8	-56.3	88.	0.0177	0.0177	0.0843	283.0	40.6
22239.	52.2	-55.1	243.3	243.5	-56.1	88.	0.0182	0.0182	0.0834	283.0	40.4
22457.	51.7	-55.1	244.9	245.1	-56.1	88.	0.0187	0.0186	0.0825	283.0	40.4
22675.	51.2	-54.9	246.5	246.7	-55.9	88.	0.0189	0.0189	0.0819	283.0	40.4
22893.	50.8	-54.7	248.1	248.3	-55.7	88.	0.0192	0.0191	0.0810	284.0	40.5
23111.	50.3	-54.6	249.7	249.9	-55.6	88.	0.0194	0.0193	0.0802	284.0	40.6
23329.	49.8	-54.4	251.3	251.5	-55.5	88.	0.0197	0.0196	0.0794	284.0	40.7
23547.	49.4	-54.4	252.9	253.1	-55.5	88.	0.0194	0.0193	0.0788	284.0	40.9
23765.	48.9	-54.4	254.4	254.6	-55.5	88.	0.0194	0.0193	0.0780	284.0	41.0
23983.	48.5	-54.6	256.	256.2	-55.7	88.	0.0197	0.0196	0.0773	285.0	41.2
24201.	48.1	-54.4	257.6	257.8	-55.4	88.	0.0199	0.0198	0.0766	285.0	41.5
24419.	47.6	-54.1	259.3	259.4	-55.2	88.	0.0204	0.0203	0.0758	285.0	41.7
24637.	47.2	-54.1	260.8	261.0	-55.1	88.	0.0207	0.0206	0.0751	285.0	41.8
24855.	46.7	-53.	262.4	262.6	-54.4	88.	0.0219	0.0213	0.0742	285.0	41.9
25073.	46.3	-53.	264.	264.2	-54.4	88.	0.0224	0.0222	0.0735	285.0	42.1
25291.	45.8	-52.7	265.7	265.9	-54.2	88.	0.0232	0.0230	0.0727	286.0	42.4
25509.	45.4	-52.7	267.3	267.5	-54.2	88.	0.0241	0.0238	0.0720	287.0	42.6
25727.	45.1	-52.7	268.9	269.1	-54.2	88.	0.0247	0.0244	0.0713	287.0	43.1
25945.	44.7	-52.7	270.4	270.6	-54.2	88.	0.0247	0.0244	0.0707	288.0	43.5
26163.	44.3	-52.4	272.	272.2	-54.1	88.	0.0251	0.0247	0.0700	288.0	44.0
26381.	43.9	-52.4	273.6	273.8	-54.1	88.	0.0254	0.0250	0.0692	289.0	44.2
26599.	43.4	-52.4	275.2	275.4	-54.1	88.	0.0257	0.0253	0.0685	289.0	44.6
26817.	43.0	-52.4	276.8	277.0	-54.1	88.	0.0266	0.0257	0.0679	290.0	44.8
27035.	42.6	-52.4	278.4	278.6	-54.1	88.	0.0264	0.0260	0.0672	290.0	45.2
27253.	42.2	-52.1	279.9	280.1	-53.9	88.	0.0274	0.0269	0.0665	291.0	45.6
27471.	41.9	-52.1	281.5	281.7	-53.9	88.	0.0284	0.0283	0.0659	292.0	45.1
27689.	41.5	-52.1	283.1	283.3	-53.9	88.	0.0303	0.0297	0.0651	293.0	46.6
27907.	41.1	-52.	284.7	284.9	-53.8	88.	0.0314	0.0307	0.0644	294.0	47.1
28125.	40.7	-52.	286.2	286.4	-53.8	88.	0.0322	0.0315	0.0637	294.0	47.4
28343.	40.4	-52.	287.8	288.0	-53.8	88.	0.0326	0.0319	0.0632	295.0	48.0
28561.	40.0	-52.	289.4	289.6	-53.8	88.	0.0338	0.0330	0.0625	295.0	48.4
28779.	39.7	-52.	291.	291.2	-53.8	88.	0.0351	0.0342	0.0620	296.0	48.9
28997.	39.4	-52.	292.6	292.8	-53.8	88.	0.0360	0.0351	0.0615	296.0	49.4
29215.	39.0	-52.	294.1	294.3	-53.8	88.	0.0361	0.0351	0.0608	297.0	49.9
29433.	38.6	-52.	295.7	295.9	-53.8	88.	0.0361	0.0351	0.0602	297.0	50.2
29651.	38.3	-52.	297.3	297.5	-53.8	88.	0.0364	0.0355	0.0597	297.0	50.5
29869.	37.9	-52.	298.9	299.1	-53.8	88.	0.0369	0.0359	0.0592	297.0	50.7
30087.	37.7	-52.	300.4	300.6	-53.8	88.	0.0369	0.0355	0.0588	297.0	51.0
30305.	37.3	-52.	302.	302.2	-53.8	88.	0.0369	0.0359	0.0581	297.0	51.3
30477.	34.8	-49.	301.0	301.2	-50.5	88.	0.0369	0.0359	0.0575	297.0	51.3

SOUNDING 81.J
LATITUDE -50.N LONGITUDE 9.7
DATE 11- 9-81 TIME 1132 GMT
NUMBER OF LEVELS 342

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	996.8	1.4	1.7	2.3	-3.7	95.	5.4539	5.1044	1.2699	360.0	10.0
61.	990.3	0.8	1.1	1.6	-4.4	95.	5.9587	4.7339	1.2650	360.0	10.0
123.	983.8	-0.0	0.8	1.1	-4.5	95.	5.4134	4.3183	1.2603	351.0	11.9
184.	974.1	-1.1	1.0	2.0	-11.2	95.	5.5495	4.4219	1.2495	346.0	13.5
246.	966.6	-1.1	2.0	3.0	-10.7	95.	5.7933	4.5998	1.2378	342.0	14.9
308.	959.1	-1.1	3.0	4.0	-10.1	95.	6.0888	4.8323	1.2253	340.0	16.0
370.	951.6	-1.1	4.0	5.0	-9.6	95.	6.4337	5.0659	1.2132	339.0	16.7
428.	944.5	-1.1	5.0	6.0	-9.1	95.	6.7668	4.9660	1.2056	336.0	17.2
487.	937.7	-1.7	5.7	6.4	-9.1	95.	6.6584	4.8316	1.1981	335.0	17.6
502.	936.5	-1.6	5.8	6.6	-9.1	95.	5.9145	4.7004	1.1905	334.0	17.8
617.	923.4	-1.8	6.1	6.7	-8.8	95.	5.7347	4.5629	1.1831	334.0	17.8
675.	916.3	-1.8	6.2	6.8	-8.8	95.	5.5482	4.4209	1.1756	333.0	17.7
741.	908.7	-1.8	6.4	7.0	-8.8	95.	5.3671	4.2829	1.1674	333.0	17.6
802.	901.8	-1.8	6.6	7.1	-8.8	95.	5.2348	4.1819	1.1598	332.0	17.4
862.	895.0	-1.8	6.7	7.2	-8.8	95.	5.1156	4.0831	1.1522	332.0	17.3
917.	888.8	-1.8	6.8	7.3	-8.8	95.	4.9378	3.9543	1.1458	334.0	17.3
977.	882.0	-1.8	6.9	7.4	-8.8	95.	4.7750	3.8301	1.1394	335.0	17.4
1036.	875.7	-1.8	7.0	7.5	-8.8	95.	4.6566	3.7389	1.1330	335.0	17.1
1094.	869.5	-1.8	7.1	7.6	-8.8	95.	4.5400	3.6496	1.1262	337.0	17.1
1149.	863.6	-1.8	7.2	7.7	-8.8	95.	4.4283	3.5337	1.1196	337.0	17.1
1206.	857.6	-1.8	7.3	7.8	-8.8	95.	4.3193	3.4211	1.1126	338.0	17.2
1263.	851.1	-1.8	7.4	7.9	-8.8	95.	4.1364	3.3387	1.1053	339.0	17.2
1319.	844.1	-1.8	7.5	8.0	-8.8	95.	4.0666	3.2848	1.0983	339.0	17.1
1376.	837.4	-1.8	7.6	8.1	-8.8	95.	3.9648	3.2055	1.0921	340.0	17.1
1434.	830.7	-1.8	7.7	8.2	-8.8	95.	3.8521	3.1024	1.0862	341.0	17.0
1490.	824.8	-1.8	7.8	8.3	-8.8	95.	3.7217	3.0024	1.0800	341.0	17.0
1547.	818.7	-1.8	7.9	8.4	-8.8	95.	3.6767	2.9052	1.0736	341.0	16.9
1603.	812.8	-1.8	8.0	8.5	-8.8	95.	3.4854	2.8343	1.0673	341.0	16.8
1660.	806.8	-1.8	8.1	8.6	-8.8	95.	3.4257	2.7878	1.0606	340.0	16.6
1717.	800.8	-1.8	8.2	8.7	-8.8	95.	3.3654	2.7421	1.0539	340.0	16.7
1775.	794.8	-1.8	8.3	8.8	-8.8	95.	3.3051	2.6970	1.0468	339.0	16.6
1831.	789.4	-1.8	8.4	8.9	-8.8	95.	3.2631	2.6746	1.0393	339.0	16.6
1889.	783.4	-1.8	8.5	9.0	-8.8	95.	3.2221	2.6525	1.0316	339.0	16.3
1946.	777.4	-1.8	8.6	9.1	-8.8	95.	3.1684	2.5871	1.0248	338.0	16.1
2004.	771.4	-1.8	8.7	9.2	-8.8	95.	3.1137	2.5444	1.0178	337.0	16.1
2062.	765.4	-1.8	8.8	9.3	-8.8	95.	3.0564	2.4606	1.0119	336.0	16.0
2119.	760.0	-1.8	8.9	9.4	-8.8	95.	2.9934	2.3798	1.0055	336.0	16.0
2177.	754.0	-1.8	9.0	9.5	-8.8	95.	2.8280	2.3206	0.9988	336.0	15.9
2234.	748.3	-1.8	9.1	9.6	-8.8	95.	2.7763	2.2243	0.9930	335.0	16.0
2291.	742.8	-1.8	9.2	9.7	-8.8	95.	2.6124	2.1509	0.9870	335.0	16.0
2349.	736.5	-1.8	9.3	9.8	-8.8	95.	2.5219	2.0792	0.9813	335.0	16.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
24[illegible].	[illegible]	-1[illegible]	[illegible]	[illegible]	-1[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2491.	[illegible]	-1[illegible]	[illegible]	[illegible]	-11.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	-11.	[illegible]	[illegible]	-11.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	-11[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8059.	332.0	-51.3	30.8	30.8	-51.7	95.	0.0319	0.0312	0.5214	317.0	20.4
8108.	329.5	-51.7	30.9	30.9	-52.1	95.	0.0303	0.0297	0.5184	317.0	20.5
8157.	327.0	-52.2	30.9	30.9	-52.6	95.	0.0285	0.0280	0.5156	317.0	20.7
8202.	324.7	-52.6	31.0	31.0	-53.0	95.	0.0271	0.0267	0.5129	317.0	20.9
8252.	322.2	-53.0	31.1	31.1	-53.4	95.	0.0257	0.0254	0.5099	317.0	21.2
8298.	319.9	-53.3	31.3	31.3	-53.7	95.	0.0248	0.0245	0.5069	317.0	21.3
8347.	317.5	-53.6	31.5	31.5	-54.0	95.	0.0239	0.0236	0.5038	317.0	21.5
8393.	315.2	-54.1	31.5	31.5	-54.5	95.	0.0224	0.0222	0.5013	317.0	21.6
8442.	312.8	-54.5	31.6	31.6	-54.9	95.	0.0213	0.0211	0.4984	317.0	21.7
8495.	310.2	-55.0	31.6	31.6	-55.4	95.	0.0199	0.0198	0.4954	317.0	21.9
8549.	307.6	-55.4	31.8	31.8	-55.8	95.	0.0189	0.0189	0.4921	317.0	22.0
8600.	305.9	-55.5	32.0	32.0	-56.2	95.	0.0180	0.0179	0.4887	317.0	22.2
8657.	302.4	-56.2	32.1	32.1	-56.6	95.	0.0170	0.0171	0.4856	317.0	22.2
8710.	299.9	-56.6	32.3	32.3	-57.0	95.	0.0162	0.0162	0.4825	317.0	22.3
8761.	297.5	-57.0	32.4	32.4	-57.4	95.	0.0153	0.0154	0.4795	317.0	22.5
8812.	295.1	-57.5	32.4	32.4	-57.9	95.	0.0144	0.0145	0.4767	317.0	22.2
8861.	292.8	-57.9	32.6	32.6	-58.3	95.	0.0136	0.0137	0.4739	316.0	22.2
6911.	290.5	-58.3	32.7	32.7	-58.7	95.	0.0129	0.0131	0.4710	316.0	22.1
8961.	288.2	-58.7	32.8	32.8	-59.1	95.	0.0122	0.0124	0.4682	316.0	22.1
9007.	286.1	-59.1	32.9	32.9	-59.5	95.	0.0116	0.0118	0.4656	316.0	22.0
9055.	283.9	-59.6	32.8	32.8	-60.0	95.	0.0109	0.0110	0.4631	316.0	21.9
9101.	281.8	-60.0	32.9	32.9	-60.4	95.	0.0103	0.0105	0.4606	316.0	21.8
9150.	279.6	-60.5	32.9	32.9	-60.9	95.	0.0096	0.0098	0.4580	316.0	21.7
9199.	277.4	-61.0	32.8	32.8	-61.4	95.	0.0090	0.0092	0.4555	316.0	21.6
9246.	275.3	-61.4	32.9	32.9	-61.8	95.	0.0085	0.0087	0.4529	315.0	21.5
9293.	273.2	-61.9	32.9	32.9	-62.3	95.	0.0079	0.0081	0.4505	315.0	21.4
9343.	271.0	-62.2	33.1	33.1	-62.6	95.	0.0076	0.0078	0.4475	315.0	21.3
9391.	268.9	-62.8	33.2	33.2	-63.0	95.	0.0072	0.0074	0.4449	315.0	21.3
9439.	266.8	-63.0	33.3	33.3	-63.4	95.	0.0068	0.0070	0.4423	315.0	21.2
9488.	264.7	-63.4	33.5	33.5	-63.8	95.	0.0064	0.0067	0.4396	315.0	21.2
9541.	262.4	-63.8	33.6	33.6	-64.2	95.	0.0061	0.0063	0.4366	315.0	21.2
9592.	260.3	-64.2	33.7	33.8	-64.6	95.	0.0058	0.0060	0.4340	314.0	21.1
9640.	258.2	-64.6	33.9	33.9	-65.0	95.	0.0054	0.0057	0.4313	314.0	21.0
9687.	256.2	-64.9	34.1	34.1	-65.3	95.	0.0052	0.0054	0.4286	314.0	21.0
9735.	254.2	-65.1	34.5	34.5	-65.5	95.	0.0051	0.0053	0.4256	313.0	20.9
9783.	252.2	-65.3	34.5	34.5	-65.7	95.	0.0049	0.0051	0.4227	312.0	20.9
9834.	250.1	-65.6	35.2	35.2	-66.0	95.	0.0047	0.0049	0.4198	312.0	20.8
9880.	248.2	-65.8	35.6	35.6	-66.2	95.	0.0046	0.0048	0.4170	311.0	20.8
9927.	246.3	-66.0	35.9	35.9	-66.4	95.	0.0045	0.0047	0.4142	310.0	20.8
9961.	244.1	-66.2	36.4	36.4	-66.6	95.	0.0043	0.0045	0.4109	309.0	20.7
10033.	242.0	-66.6	36.6	36.6	-67.0	95.	0.0041	0.0043	0.4082	309.0	20.7
10061.	240.1	-66.9	36.9	36.9	-67.3	95.	0.0039	0.0041	0.4055	308.0	20.7
10131.	238.1	-67.3	37.0	37.0	-67.7	95.	0.0037	0.0039	0.4029	307.0	20.7
10182.	236.1	-67.6	37.3	37.3	-68.0	95.	0.0035	0.0037	0.4001	306.0	20.6
10235.	234.0	-68.0	37.5	37.5	-68.4	95.	0.0033	0.0035	0.3974	305.0	20.6
10287.	232.0	-68.3	37.8	37.8	-68.8	95.	0.0032	0.0034	0.3945	304.0	20.6
10336.	230.1	-68.7	37.9	37.9	-69.2	95.	0.0030	0.0032	0.3921	303.0	20.6
10386.	228.1	-69.1	38.1	38.1	-69.4	95.	0.0028	0.0030	0.3894	302.0	20.6
10436.	226.2	-69.4	38.4	38.4	-69.7	95.	0.0027	0.0029	0.3867	301.0	20.6
10486.	224.3	-69.8	38.6	38.6	-69.9	95.	0.0026	0.0028	0.3839	300.0	20.6
10539.	222.4	-69.8	39.4	39.4	-70.1	95.	0.0026	0.0027	0.3810	300.0	20.6
10590.	220.5	-70.1	39.6	39.6	-70.4	95.	0.0024	0.0026	0.3783	299.0	20.6
10638.	218.7	-70.5	40.0	40.0	-70.6	95.	0.0024	0.0025	0.3756	298.0	20.6
10687.	216.9	-70.8	40.4	40.4	-70.8	95.	0.0023	0.0025	0.3729	298.0	20.6
10734.	215.2	-71.0	40.7	40.7	-71.1	95.	0.0022	0.0024	0.3705	297.0	20.6
10784.	213.4	-71.2	41.3	41.3	-71.2	95.	0.0022	0.0023	0.3676	297.0	20.6
10834.	211.6	-71.5	42.0	42.0	-71.5	95.	0.0022	0.0023	0.3645	296.0	20.6
10887.	209.7	-70.4	42.8	42.8	-71.2	95.	0.0022	0.0023	0.3612	295.0	20.6
10938.	207.9	-71.4	43.4	43.4	-71.4	95.	0.0021	0.0023	0.3583	295.0	20.6
10992.	206.0	-71.1	44.1	44.1	-71.4	95.	0.0021	0.0023	0.3552	294.0	20.6
11041.	204.3	-71.4	44.9	44.9	-71.4	95.	0.0021	0.0023	0.3522	294.0	20.6
11094.	202.7	-71.6	45.4	45.4	-71.5	95.	0.0021	0.0022	0.3497	293.0	20.7
11134.	201.1	-71.5	46.0	46.0	-71.6	95.	0.0022	0.0022	0.3471	293.0	20.7
11182.	199.5	-71.5	47.2	47.2	-71.5	95.	0.0021	0.0023	0.3438	292.0	20.7
11232.	197.8	-70.7	48.5	48.5	-71.5	95.	0.0022	0.0024	0.3404	291.0	20.7
11280.	196.2	-70.6	49.4	49.4	-71.5	95.	0.0023	0.0024	0.3374	290.0	20.7
11329.	194.6	-70.4	50.4	50.4	-70.7	95.	0.0023	0.0025	0.3344	289.0	20.7
11381.	192.9	-70.1	51.7	51.7	-70.4	95.	0.0024	0.0026	0.3309	289.0	20.1
11434.	191.2	-69.9	52.9	53.0	-70.2	95.	0.0025	0.0027	0.3277	288.0	20.1
11484.	189.6	-69.7	54.2	54.2	-70.1	95.	0.0026	0.0028	0.3246	288.0	19.8
11571.	186.1	-69.6	54.5	54.5	-69.9	95.	0.0026	0.0028	0.3219	288.0	19.4
11578.	186.8	-69.5	55.8	55.8	-69.8	95.	0.0027	0.0028	0.3192	288.0	19.4
11633.	184.9	-69.4	56.1	56.1	-69.7	95.	0.0027	0.0029	0.3161	287.0	19.3
11686.	183.2	-69.3	57.0	57.0	-69.6	95.	0.0028	0.0029	0.3131	287.0	19.3
11737.	181.7	-69.4	58.5	58.5	-69.7	95.	0.0027	0.0029	0.3107	287.0	19.3
11786.	180.2	-69.4	59.2	59.2	-69.7	95.	0.0027	0.0029	0.3081	287.0	19.7
11836.	178.7	-69.5	59.5	59.5	-69.8	95.	0.0027	0.0029	0.3057	286.0	19.4
11884.	177.1	-69.6	60.7	60.7	-69.8	95.	0.0027	0.0029	0.3029	286.0	19.3
11940.	175.4	-69.4	61.7	61.7	-69.7	95.	0.0027	0.0029	0.3002	286.0	19.3
11990.	174.0	-69.5	62.4	62.4	-69.8	95.	0.0027	0.0028	0.2976	286.0	19.1
12046.	172.5	-69.7	63.0	63.0	-70.0	95.	0.0026	0.0028	0.2954	285.0	19.1
12094.	171.0	-69.8	63.6	63.6	-70.1	95.	0.0026	0.0027	0.2927	285.0	19.1
12154.	169.4	-69.9	64.3	64.3	-70.2	95.	0.0026	0.0027	0.2903	285.0	19.1
12207.	167.9	-70.1	64.9	64.9	-70.4	95.	0.0026	0.0026	0.2881	285.0	19.1
12260.	166.5	-70.3	65.5	65.5	-70.6	95.	0.0024	0.0025	0.2859	285.0	19.1
12306.	165.1	-70.4	66.1	66.1	-70.7	95.	0.0025	0.0025	0.2837	285.0	19.1
12357.	163.7	-70.5	66.7	66.7	-70.8	95.	0.0025	0.0025	0.2814	284.0	19.1
12406.	162.3	-70.6	67.3	67.3	-70.9	95.	0.0024	0.0024	0.2791	284.0	19.1
12453.	160.9	-70.6	67.8	67.8	-71.1	95.	0.0024	0.0024	0.2770	284.0	19.1
12519.	159.4	-70.8	68.4	68.4	-71.2	95.	0.0023	0.0023	0.2746	284.0	19.1
12567.	158.1	-71.1	69.0	69.0	-71.4	95.	0.0021	0.0023	0.2726	284.0	19.1
12612.	156.8	-71.0	69.7	69.7	-71.4	95.	0.0022	0.0022	0.2705	284.0	19.1
12662.	155.5	-71.0	70.3	70.3	-71.6	95.	0.0022	0.0022	0.2684	284.0	19.1
12714.	154.1	-71.1	71.0	71.0	-71.4	95.	0.0021	0.0022	0.2657	284.0	19.1
12766.	152.7	-71.4	71.6	71.6	-71.7	95.	0.0021	0.0022	0.2631	284.0	19.1
12819.	151.4	-71.6	72.3	72.3	-71.9	95.	0.0020	0.0021	0.2606	284.0	19.1
12874.	150.0	-71.9	72.9	72.9	-72.1	95.	0.0020	0.0021	0.2579	284.0	19.1
12921.	148.7	-72.0	73.6	73.6	-72.2	95.	0.0020	0.0021	0.2554	284.0	19.1
12980.	147.3	-72.2	74.2	74.2	-72.3	95.	0.0020	0.0020	0.2530	284.0	19.1
13016.	146.4	-72.4	74.6	74.6	-72.5	95.	0.0019	0.0020	0.2506	284.0	19.1
13066.	145.2	-72.6	75.3	75.3	-72.7	95.	0.0019	0.0020	0.2486	284.0	19.1
13118.	144.2	-72.7	75.9	75.9	-72.7	95.	0.0019	0.0020	0.2465	284.0	19.1
13154.	143.1	-72.8	76.5	76.5	-72.8	95.	0.0019	0.0019	0.2444	284.0	19.1
13221.	142.0	-72.9	77.1	77.1	-72.9	95.	0.0019	0.0019	0.2424	284.0	19.1
13246.	141.0	-73.0	77.7	77.7	-73.0	95.	0.0018	0.0019	0.2404	284.0	19.1
13296.	139.8	-73.1	78.3	78.3	-73.1	95.	0.0018	0.0018	0.2384	279.0	19.4
13344.	138.6	-73.2	78.9	78.9	-73.2	95.	0.0018	0.0018	0.2362	279.0	19.4
13396.	137.5	-73.4	79.4	79.4	-73.4	95.	0.0018	0.0018	0.2341	279.0	19.4
13431.	136.8	-73.5	79.8	79.8	-73.5	95.	0.0018	0.0018	0.2323	279.0	19.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13480.	135.5	-66.2	89.6	89.6	-68.5	95.	0.0032	0.0034	0.2303	279.0	24.9
13529.	134.4	-68.0	90.8	90.8	-68.4	95.	0.0033	0.0035	0.2282	277.0	24.9
13578.	133.3	-67.7	92.2	92.2	-68.1	95.	0.0035	0.0037	0.2260	277.0	25.0
13628.	132.2	-67.8	93.2	93.2	-68.0	95.	0.0035	0.0037	0.2241	277.0	25.1
13673.	131.2	-67.6	94.0	94.0	-68.0	95.	0.0035	0.0037	0.2224	277.0	25.0
13719.	130.2	-67.5	95.0	95.0	-67.9	95.	0.0036	0.0038	0.2206	276.0	25.1
13766.	129.2	-67.3	96.2	96.2	-67.7	95.	0.0037	0.0039	0.2186	276.0	25.2
13817.	128.1	-67.3	97.1	97.1	-67.7	95.	0.0037	0.0039	0.2168	275.0	25.2
13864.	127.1	-67.2	98.1	98.1	-67.6	95.	0.0037	0.0039	0.2150	275.0	25.2
13917.	126.0	-67.1	99.2	99.2	-67.5	95.	0.0038	0.0040	0.2130	275.0	25.3
13965.	125.0	-67.0	100.2	100.2	-67.4	95.	0.0039	0.0041	0.2112	275.0	25.5
14013.	124.0	-66.9	101.2	101.2	-67.3	95.	0.0039	0.0041	0.2094	275.0	25.6
14062.	123.0	-66.8	102.3	102.3	-67.2	95.	0.0040	0.0042	0.2077	274.0	25.7
14116.	121.9	-66.7	103.4	103.4	-67.1	95.	0.0040	0.0042	0.2057	274.0	25.8
14166.	120.9	-66.5	104.7	104.7	-66.9	95.	0.0041	0.0044	0.2038	274.0	25.9
14216.	119.9	-66.2	106.1	106.1	-66.6	95.	0.0043	0.0045	0.2018	273.0	25.9
14267.	118.9	-66.0	107.4	107.4	-66.4	95.	0.0045	0.0047	0.2000	272.0	25.9
14318.	117.9	-66.0	108.3	108.3	-66.4	95.	0.0045	0.0047	0.1983	271.0	25.9
14369.	116.9	-66.0	109.3	109.3	-66.4	95.	0.0045	0.0047	0.1966	271.0	25.9
14416.	116.0	-65.9	110.3	110.3	-66.3	95.	0.0045	0.0047	0.1950	271.0	25.9
14469.	115.0	-65.8	111.4	111.4	-66.2	95.	0.0046	0.0048	0.1932	270.0	25.9
14522.	114.0	-65.8	112.4	112.4	-66.2	95.	0.0046	0.0048	0.1915	270.0	25.8
14570.	113.1	-65.8	113.3	113.3	-66.2	95.	0.0046	0.0048	0.1900	270.0	25.7
14624.	112.1	-65.9	114.1	114.1	-66.3	95.	0.0045	0.0047	0.1884	270.0	25.6
14672.	111.2	-66.1	114.6	114.6	-66.5	95.	0.0044	0.0046	0.1871	270.0	25.6
14727.	110.2	-66.0	115.8	115.8	-66.4	95.	0.0045	0.0047	0.1853	270.0	25.5
14777.	109.3	-66.0	116.7	116.7	-66.4	95.	0.0045	0.0047	0.1838	270.0	25.5
14827.	108.4	-66.0	117.6	117.6	-66.4	95.	0.0045	0.0047	0.1823	270.0	25.4
14877.	107.5	-65.9	118.7	118.7	-66.3	95.	0.0045	0.0047	0.1807	270.0	25.4
14928.	106.6	-65.7	120.0	120.0	-66.1	95.	0.0046	0.0049	0.1790	270.0	25.4
14980.	105.7	-65.5	121.4	121.4	-65.9	95.	0.0048	0.0050	0.1773	270.0	25.4
15026.	104.9	-65.3	122.6	122.6	-65.7	95.	0.0049	0.0051	0.1758	270.0	25.5
15072.	104.1	-65.3	123.5	123.5	-65.7	95.	0.0049	0.0051	0.1745	270.0	25.5
15125.	103.2	-65.3	124.5	124.5	-65.7	95.	0.0049	0.0051	0.1730	270.0	25.6
15172.	102.4	-65.3	125.3	125.4	-65.7	95.	0.0049	0.0051	0.1716	270.0	25.7
15220.	101.6	-65.2	126.4	126.4	-65.6	95.	0.0050	0.0052	0.1702	270.0	25.8
15268.	100.8	-65.1	127.5	127.5	-65.5	95.	0.0051	0.0053	0.1688	270.0	25.9
15323.	99.9	-64.9	128.9	129.0	-65.3	95.	0.0052	0.0054	0.1671	270.0	26.1
15372.	99.1	-64.7	130.3	130.3	-65.1	95.	0.0054	0.0056	0.1656	270.0	26.2
15421.	98.3	-65.0	130.6	130.6	-65.4	95.	0.0051	0.0054	0.1645	270.0	26.4
15477.	97.4	-65.3	131.1	131.1	-65.7	95.	0.0049	0.0051	0.1632	270.0	26.6
15527.	96.6	-65.4	131.8	131.9	-65.8	95.	0.0048	0.0051	0.1620	270.0	26.8
15577.	95.8	-65.5	132.6	132.6	-65.9	95.	0.0048	0.0050	0.1607	271.0	27.0
15622.	95.1	-65.1	134.2	134.3	-65.5	95.	0.0051	0.0053	0.1592	271.0	27.2
15673.	94.3	-64.9	135.8	135.8	-65.2	95.	0.0053	0.0055	0.1577	271.0	27.4
15725.	93.5	-64.6	137.2	137.2	-65.0	95.	0.0054	0.0057	0.1562	271.0	27.5
15778.	92.7	-64.3	138.8	138.8	-64.7	95.	0.0057	0.0059	0.1546	271.0	27.6
15831.	91.9	-63.9	140.6	140.6	-64.3	95.	0.0060	0.0062	0.1530	271.0	27.8
15878.	91.2	-63.6	142.3	142.3	-63.9	95.	0.0063	0.0066	0.1515	271.0	27.9
15932.	90.4	-63.7	143.0	143.0	-64.1	95.	0.0062	0.0064	0.1504	271.0	28.1
15979.	89.7	-63.6	143.7	143.7	-64.2	95.	0.0061	0.0063	0.1493	271.0	28.2
16034.	88.9	-63.6	144.8	144.8	-64.2	95.	0.0061	0.0063	0.1479	271.0	28.4
16082.	88.2	-63.6	145.7	145.7	-64.2	95.	0.0061	0.0063	0.1468	271.0	28.6
16131.	87.5	-63.6	146.7	146.7	-64.2	95.	0.0061	0.0063	0.1456	271.0	28.7
16180.	86.8	-63.8	147.6	147.6	-64.2	95.	0.0061	0.0063	0.1444	271.0	28.9
16233.	86.1	-63.4	148.4	148.4	-63.8	95.	0.0064	0.0067	0.1430	271.0	29.0
16280.	85.4	-63.3	149.2	149.2	-63.6	95.	0.0065	0.0068	0.1419	271.0	29.2
16331.	84.7	-63.3	150.1	150.1	-63.6	95.	0.0065	0.0068	0.1406	271.0	29.3
16380.	84.0	-63.2	151.0	151.0	-63.5	95.	0.0066	0.0069	0.1394	271.0	29.4
16433.	83.3	-63.2	151.9	151.9	-63.5	95.	0.0066	0.0069	0.1382	271.0	29.5
16480.	82.7	-63.2	152.8	152.8	-63.5	95.	0.0066	0.0069	0.1370	272.0	29.6
16532.	82.0	-63.2	153.7	153.7	-63.5	95.	0.0066	0.0069	0.1358	272.0	29.7
16580.	81.3	-63.2	154.6	154.6	-63.5	95.	0.0066	0.0069	0.1346	272.0	29.9
16628.	80.7	-63.2	155.5	155.5	-63.5	95.	0.0066	0.0069	0.1335	272.0	30.0
16682.	80.0	-63.2	156.6	156.6	-63.5	95.	0.0066	0.0069	0.1321	272.0	30.1
16729.	79.4	-63.4	157.4	157.4	-63.7	95.	0.0065	0.0068	0.1309	272.0	30.2
16783.	78.7	-63.1	158.4	158.4	-63.4	95.	0.0067	0.0070	0.1297	272.0	30.2
16836.	78.0	-63.3	159.3	159.3	-63.7	95.	0.0065	0.0068	0.1285	272.0	30.2
16884.	77.3	-63.5	160.2	160.2	-63.9	95.	0.0064	0.0067	0.1274	272.0	30.2
16942.	76.7	-63.8	161.0	161.0	-64.2	95.	0.0062	0.0065	0.1262	272.0	30.3
16990.	76.0	-63.9	162.0	162.0	-64.3	95.	0.0061	0.0064	0.1251	272.0	30.3
17050.	75.3	-64.2	162.9	162.9	-64.6	95.	0.0059	0.0062	0.1238	272.0	30.3
17104.	74.7	-64.1	163.8	163.8	-64.5	95.	0.0060	0.0063	0.1227	272.0	30.3
17162.	74.0	-64.4	164.7	164.7	-64.8	95.	0.0058	0.0061	0.1215	272.0	30.3
17220.	73.4	-64.6	165.6	165.6	-65.0	95.	0.0057	0.0060	0.1203	272.0	30.3
17278.	72.7	-64.8	166.5	166.5	-65.2	95.	0.0056	0.0059	0.1191	272.0	30.3
17332.	72.0	-64.9	167.4	167.4	-65.3	95.	0.0055	0.0058	0.1180	272.0	30.3
17390.	71.4	-64.8	168.4	168.4	-65.2	95.	0.0056	0.0059	0.1168	272.0	30.2
17448.	70.8	-64.9	169.3	169.3	-65.3	95.	0.0055	0.0058	0.1156	272.0	30.1
17506.	70.2	-64.9	170.2	170.2	-65.3	95.	0.0055	0.0058	0.1144	272.0	30.0
17566.	69.5	-64.8	171.1	171.1	-65.2	95.	0.0056	0.0059	0.1132	272.0	29.9
17624.	68.9	-64.9	172.0	172.0	-65.3	95.	0.0055	0.0058	0.1121	272.0	29.8
17684.	68.4	-64.9	172.9	172.9	-65.3	95.	0.0055	0.0058	0.1109	272.0	29.8
17744.	67.8	-64.9	173.8	173.8	-65.3	95.	0.0055	0.0058	0.1097	272.0	29.7

SOUNDING 52.0
LATITUDE -66.7 LONGITUDE .0
DATE 11- 9-81 TIME 2341 GMT
NUMBER OF LEVELS 67

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	943.0	-1.2	0.5	1.1	-1.6	88.	4.4603	4.5985	1.2715	311.0	4.0
86.	937.1	-0.2	0.8	1.3	-4.4	72.	4.2411	3.4196	1.2646	312.0	4.6
159.	932.1	-0.1	0.7	1.2	-7.3	56.	3.9333	2.6933	1.2568	313.0	4.5
181.	930.7	-0.2	0.4	1.2	-8.8	48.	3.6679	2.1947	1.2495	267.0	10.1
215.	928.2	-1.0	0.1	1.1	-12.1	36.	3.0428	1.6907	1.2425	271.0	10.7
262.	924.4	-2.0	0.1	1.1	-14.2	28.	2.6675	1.3684	1.2377	271.0	11.1
312.	920.4	-2.0	1.0	1.7	-9.5	78.	3.6647	3.1984	1.2320	270.0	11.3
364.	916.1	-2.1	1.0	1.7	-9.0	84.	4.7857	3.8388	1.2254	269.0	11.4
417.	911.8	-2.2	1.0	1.7	-9.0	84.	4.6615	3.8984	1.2187	269.0	11.5
469.	907.6	-2.3	1.0	1.7	-9.1	84.	4.5373	3.7429	1.2128	269.0	11.4
524.	903.0	-2.3	1.1	1.8	-9.0	84.	4.5897	3.6824	1.2054	269.0	11.3
579.	898.7	-2.3	1.2	1.9	-9.0	84.	4.8209	3.8650	1.1987	269.0	11.2
635.	894.2	-4.4	0.2	1.1	-4.4	100.	4.2466	3.4283	1.1923	269.0	11.4
693.	889.6	-4.4	0.4	1.3	-4.4	100.	4.2466	3.4283	1.1856	270.0	10.4

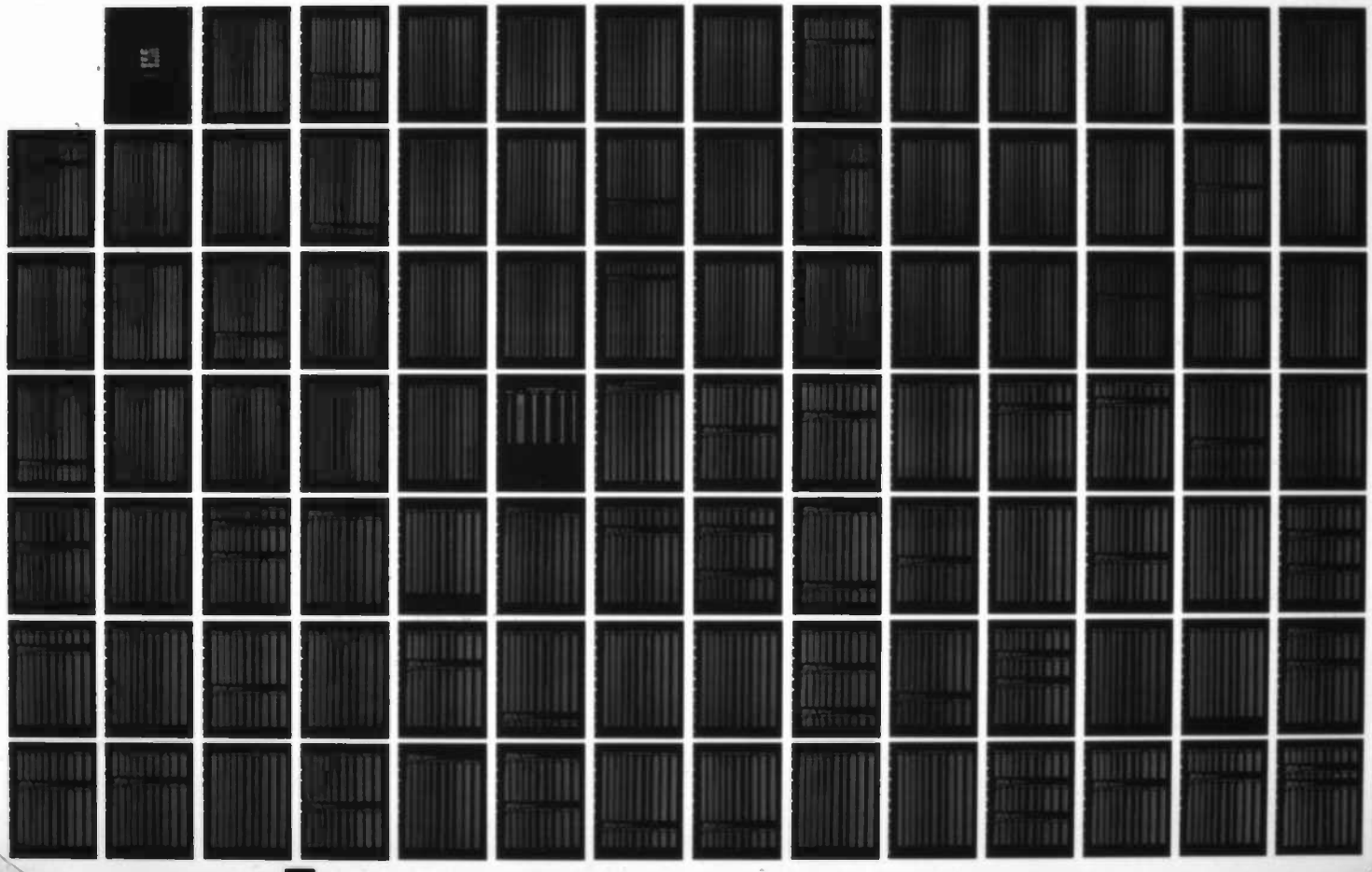
HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
748.	904.1	-5.5	2.5	2.5	-5.5	100.	3.6645	3.1286	1.1799	279.0	10.8
823.	897.7	-6.2	2.4	2.4	-6.2	98.	3.6278	2.9452	1.1735	279.0	10.5
855.	891.8	-6.6	2.4	2.7	-7.6	91.	3.2263	2.6324	1.1677	279.0	10.4
907.	885.9	-6.6	2.6	2.8	-8.0	89.	3.1425	2.5314	1.1614	279.0	10.2
962.	879.6	-7.4	2.5	2.5	-11.0	77.	2.3937	1.9782	1.1550	279.0	10.1
1017.	873.4	-7.5	2.6	2.6	-13.6	60.	1.8834	1.5724	1.1486	278.0	9.8
1070.	867.5	-8.3	2.7	2.9	-13.6	61.	1.8489	1.5449	1.1426	277.0	9.9
1123.	861.5	-8.8	2.7	2.9	-13.9	60.	1.8274	1.5277	1.1368	276.0	9.9
1174.	855.9	-8.7	3.1	3.3	-13.3	66.	1.9313	1.6107	1.1291	275.0	9.8
1225.	850.2	-8.5	4.1	4.5	-12.7	69.	2.0545	1.7043	1.1208	273.0	9.7
1274.	844.9	-8.3	4.8	5.1	-10.4	83.	2.5125	2.0745	1.1134	272.0	9.6
1321.	839.4	-8.1	5.5	5.8	-8.6	96.	2.9628	2.4247	1.1062	272.0	9.7
1366.	834.7	-8.1	5.5	6.1	-8.4	97.	2.9916	2.4488	1.0995	270.0	9.9
1410.	829.6	-8.3	6.2	6.6	-8.6	97.	2.9396	2.4081	1.0936	268.0	10.1
1465.	824.3	-8.4	6.6	7.0	-8.7	97.	2.9138	2.3879	1.0870	267.0	10.5
1518.	818.7	-8.4	7.0	7.5	-8.6	98.	2.9438	2.4114	1.0797	265.0	10.5
1564.	813.9	-8.4	7.6	8.0	-8.6	98.	2.9438	2.4114	1.0733	264.0	10.7
1711.	797.9	-8.6	9.4	9.8	-8.4	98.	2.9056	2.4520	1.0515	261.0	11.5
1866.	782.6	-8.7	10.2	10.9	-9.0	97.	2.8376	2.3281	1.0332	261.0	12.3
2027.	768.7	-9.0	12.1	12.7	-8.9	97.	2.8625	2.3476	1.0119	261.0	13.0
2186.	755.9	-9.1	13.4	13.8	-9.4	97.	2.7341	2.2506	0.9929	262.0	13.4
2346.	743.7	-10.2	13.4	14.3	-10.7	96.	2.4591	2.0289	0.9767	262.0	13.5
2500.	721.1	-11.9	14.4	14.8	-11.7	96.	2.2430	1.8636	0.9608	263.0	13.8
2645.	707.5	-12.7	14.8	15.1	-12.8	96.	2.0370	1.6952	0.9465	265.0	14.0
2757.	693.5	-13.2	15.4	15.7	-13.6	96.	1.8577	1.5518	0.9309	266.0	14.2
2947.	680.6	-14.4	15.7	16.0	-15.0	95.	1.6646	1.3970	0.9169	266.0	14.5
3081.	668.3	-15.2	16.3	16.8	-16.2	91.	1.4812	1.2491	0.9034	264.0	14.8
3230.	654.9	-16.4	16.6	16.9	-16.9	89.	1.3632	1.1699	0.8897	263.0	15.2
3359.	641.2	-18.7	18.2	18.2	-17.4	94.	1.3338	1.1273	0.8721	263.0	16.5
3535.	624.8	-17.5	18.7	18.9	-18.3	83.	1.2214	1.0383	0.8579	263.0	17.2
3672.	617.4	-18.5	19.1	19.3	-19.4	82.	1.0903	0.9386	0.8455	263.0	18.0
3820.	605.2	-19.4	19.4	20.0	-20.2	82.	1.0187	0.8726	0.8314	261.0	18.5
3985.	591.9	-19.9	21.0	21.2	-20.9	81.	0.9514	0.8172	0.8150	261.0	19.2
4139.	579.7	-21.3	21.1	21.8	-22.4	80.	0.8621	0.7404	0.8026	260.0	19.8
4289.	568.0	-22.3	21.7	22.2	-23.5	79.	0.7376	0.6401	0.7894	259.0	20.1
4435.	556.8	-23.4	22.1	22.7	-24.6	79.	0.6820	0.5771	0.7772	259.0	20.4
4585.	544.7	-24.6	22.5	23.2	-26.8	80.	0.5264	0.4648	0.7639	259.0	20.9
4754.	532.5	-25.8	23.0	23.6	-32.0	83.	0.3134	0.2789	0.7502	258.0	21.4
4917.	521.0	-27.1	23.3	23.9	-33.2	83.	0.2722	0.2458	0.7379	258.0	22.2
5073.	509.8	-28.2	23.8	24.4	-34.2	83.	0.2453	0.2207	0.7252	258.0	22.9
5233.	498.5	-29.2	24.3	24.9	-35.2	83.	0.2185	0.1999	0.7121	260.0	23.7
5388.	488.3	-30.2	25.0	25.6	-36.1	83.	0.1978	0.1809	0.7003	260.0	24.5
5543.	477.2	-31.6	25.2	25.8	-37.5	83.	0.1709	0.1571	0.6884	260.0	24.9
5706.	466.3	-33.0	25.5	26.1	-38.8	83.	0.1473	0.1362	0.6765	261.0	25.4
5870.	455.5	-34.6	25.8	26.4	-40.3	83.	0.1240	0.1154	0.6653	262.0	25.6
6016.	445.9	-36.1	25.4	25.9	-41.8	83.	0.1054	0.0987	0.6554	261.0	25.8
6162.	436.7	-37.2	25.7	26.2	-42.9	83.	0.0933	0.0869	0.6451	262.0	26.0
6315.	427.1	-38.8	25.7	26.2	-44.3	83.	0.0781	0.0740	0.6350	262.0	26.2
6450.	419.7	-39.9	25.9	26.4	-45.4	83.	0.0690	0.0657	0.6254	262.0	26.4
6650.	409.6	-40.9	26.5	26.9	-46.3	83.	0.0616	0.0589	0.6144	263.0	26.7
6755.	404.3	-42.2	26.8	27.4	-47.6	83.	0.0531	0.0510	0.6039	262.0	26.9
6924.	396.4	-43.4	27.4	27.9	-48.7	83.	0.0466	0.0446	0.5920	262.0	27.0
7096.	388.4	-44.7	27.9	28.4	-50.0	83.	0.0397	0.0385	0.5801	261.0	27.0
7261.	381.2	-45.7	28.7	29.2	-50.9	83.	0.0352	0.0343	0.5686	260.0	27.0
7402.	375.4	-47.0	28.8	29.3	-52.2	83.	0.0302	0.0296	0.5598	260.0	26.8
7537.	369.0	-48.2	29.0	29.5	-53.3	83.	0.0261	0.0257	0.5513	259.0	26.8
7677.	362.5	-49.3	29.3	29.8	-54.4	83.	0.0228	0.0226	0.5424	258.0	26.8
7813.	356.5	-50.4	29.7	30.2	-55.4	83.	0.0198	0.0198	0.5338	258.0	26.7
7950.	350.2	-51.5	30.0	30.5	-56.5	83.	0.0174	0.0174	0.5253	258.0	26.7
8087.	344.2	-52.4	30.6	31.0	-57.5	83.	0.0155	0.0156	0.5164	258.0	26.8
8216.	338.7	-53.7	30.5	31.0	-58.6	83.	0.0137	0.0138	0.5091	258.0	26.8
8359.	333.6	-54.9	30.6	31.0	-59.7	83.	0.0121	0.0122	0.5006	259.0	26.8
8499.	328.8	-55.8	31.4	31.8	-60.6	83.	0.0107	0.0108	0.4917	260.0	26.5
8654.	323.4	-56.5	32.6	32.9	-61.2	83.	0.0094	0.0093	0.4814	260.0	26.2
8810.	318.2	-57.0	34.0	34.3	-61.7	83.	0.0084	0.0083	0.4708	259.0	25.5
8956.	313.4	-57.9	34.8	35.1	-62.6	83.	0.0076	0.0078	0.4619	259.0	25.0
9094.	309.2	-58.5	35.3	35.6	-63.5	83.	0.0067	0.0069	0.4540	258.0	24.1
9221.	305.6	-59.2	36.7	37.0	-63.8	83.	0.0064	0.0065	0.4455	257.0	23.5
9346.	302.2	-59.0	38.7	38.9	-63.6	83.	0.0066	0.0068	0.4363	257.0	22.8
9489.	298.1	-59.4	40.2	40.4	-64.0	83.	0.0062	0.0064	0.4272	258.0	22.2
9634.	294.1	-60.3	40.9	41.1	-64.9	83.	0.0055	0.0057	0.4192	259.0	21.6
9769.	290.6	-61.1	41.7	41.9	-65.6	83.	0.0049	0.0052	0.4117	261.0	21.9
9896.	287.5	-61.7	43.7	43.9	-65.5	83.	0.0050	0.0052	0.4031	262.0	22.3
10024.	284.3	-62.6	46.2	46.4	-65.2	83.	0.0053	0.0055	0.3942	263.0	23.0
10155.	281.0	-63.5	48.2	48.4	-65.1	83.	0.0054	0.0056	0.3858	262.0	23.7
10298.	277.4	-64.2	50.0	50.2	-65.3	83.	0.0052	0.0054	0.3775	261.0	24.4
10427.	274.4	-64.9	51.7	51.9	-65.4	83.	0.0051	0.0053	0.3699	259.0	24.9
10558.	271.4	-65.7	53.4	53.6	-65.3	83.	0.0052	0.0054	0.3619	257.0	25.2
10689.	268.4	-66.6	55.0	55.2	-65.4	83.	0.0052	0.0053	0.3532	255.0	25.3
10814.	265.8	-67.4	56.5	56.7	-65.5	83.	0.0052	0.0053	0.3455	255.0	25.4
10942.	263.2	-68.2	58.0	58.2	-65.6	83.	0.0052	0.0053	0.3383	254.0	25.5
11072.	260.6	-69.0	59.5	59.7	-65.7	83.	0.0052	0.0053	0.3313	254.0	25.5
11213.	257.8	-69.9	61.1	61.3	-65.8	83.	0.0052	0.0053	0.3240	254.0	25.6

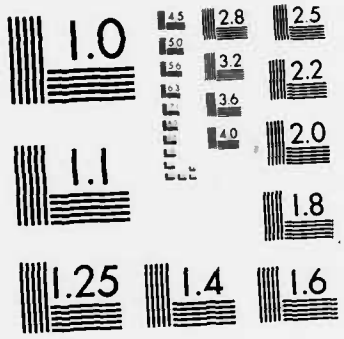
SOUNDING 53.0
LATITUDE -60.6 LONGITUDE 0.6
DATE 11-10-81 TIME 1136 GMT
NUMBER OF LEVELS 106

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1001.4	2.0	1.9	2.3	-0.1	96.	6.0962	4.8376	1.2727	260.0	10.0
67.	993.1	0.7	1.2	1.6	-1.4	96.	5.5526	4.4269	1.2677	261.0	9.9
135.	984.7	-0.6	1.1	1.5	-2.4	96.	5.0240	4.0208	1.2626	257.0	10.5
203.	976.3	-1.9	-0.0	0.4	-3.7	96.	4.5091	3.6260	1.2575	254.0	11.2
268.	968.4	-2.9	-0.0	0.5	-4.3	96.	4.2881	3.4558	1.2499	251.0	11.5
329.	960.9	-3.0	0.1	0.5	-4.8	96.	4.1114	3.3195	1.2424	250.0	11.7
392.	953.3	-3.4	0.0	0.7	-5.2	96.	3.9749	3.2140	1.2343	248.0	11.9
456.	945.6	-3.8	0.0	1.0	-5.6	96.	3.8425	3.1116	1.2261	247.0	11.8
520.	937.9	-4.1	0.9	1.9	-5.9	96.	3.7459	3.0367	1.2174	246.0	11.7
585.	930.2	-4.3	1.3	1.7	-6.1	96.	3.6826	2.9876	1.2083	245.0	11.6
652.	922.3	-4.4	1.4	2.3	-6.2	96.	3.6513	2.9633	1.1985	244.0	11.4
716.	914.9	-4.6	2.3	2.7	-6.4	96.	3.5895	2.9153	1.1897	243.0	11.2
774.	908.1	-4.7	2.8	3.2	-6.5	96.	3.5590	2.8915	1.1813	243.0	11.0
837.	900.9	-4.7	3.4	3.8	-6.5	96.	3.5589	2.8915	1.1720	243.0	10.8
896.	894.2	-4.7	4.0	4.4	-6.5	96.	3.5588	2.8914	1.1633	243.0	10.7

AD-A134 871 REPORTS OF THE US - USSR WEDDELL POLYNYA EXPEDITION OCTOBER-NOVEMBER 1981..(U) COLD REGIONS RESEARCH AND ENGINEERING LAB HANOVER NH E L ANDREAS MAY 83 3/3

UNCLASSIFIED CRREL-SR-83-13 NSF-DPP80-06922 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
954.	887.6	-4.7	4.6	5.0	-6.5	86.	5.5587	2.8913	1.1547	245.0	10.6
1010.	850.7	-4.8	5.1	5.4	-6.6	86.	5.2283	2.6677	1.1462	245.0	10.3
1070.	813.7	-5.1	5.5	5.8	-6.8	86.	4.9195	2.8211	1.1379	244.0	10.1
1140.	775.8	-5.3	5.9	6.2	-7.0	86.	4.6335	2.7753	1.1297	244.0	9.9
1211.	742.1	-5.5	6.2	6.5	-7.2	86.	4.3673	2.7525	1.1214	243.0	9.7
1284.	713.7	-5.4	7.0	7.4	-7.1	86.	4.1214	2.7300	1.1134	243.0	9.7
1319.	697.2	-5.6	7.4	7.8	-7.3	86.	4.0043	2.6855	1.1058	243.0	9.6
1376.	672.8	-6.1	7.4	7.8	-7.8	86.	3.8155	2.5771	1.0994	242.0	9.4
1434.	654.4	-6.5	7.7	8.1	-8.2	86.	3.6048	2.4933	1.0926	242.0	9.3
1497.	632.2	-7.0	7.7	8.1	-8.7	86.	3.4181	2.3920	1.0864	241.0	9.2
1556.	621.4	-7.3	7.7	8.1	-9.0	86.	3.2756	2.2754	1.0805	241.0	9.2
1618.	610.7	-8.0	7.7	8.1	-9.6	86.	3.1299	2.1640	1.0747	242.0	9.3
1679.	600.4	-8.6	7.7	8.1	-10.2	86.	2.9941	2.0576	1.0687	241.0	9.5
1735.	591.1	-8.8	8.1	8.5	-9.8	86.	2.8520	2.1821	1.0577	241.0	9.6
1799.	798.5	-7.3	10.4	10.8	-9.3	86.	2.8436	2.3528	1.0460	241.0	10.0
1864.	764.0	-7.5	11.0	11.4	-9.5	86.	2.7944	2.2942	1.0581	240.0	10.3
1927.	703.5	-7.8	11.4	11.7	-9.8	86.	2.7252	2.2374	1.0308	240.0	10.5
1988.	777.4	-8.2	11.4	11.7	-9.9	86.	2.6286	2.1637	1.0243	240.0	11.0
2048.	771.4	-8.5	11.8	12.1	-10.2	86.	2.5663	2.1098	1.0175	239.0	11.4
2112.	765.1	-8.8	12.2	12.5	-10.5	86.	2.4936	2.0572	1.0103	239.0	11.8
2176.	758.8	-9.1	12.6	12.9	-10.8	86.	2.4245	2.0058	1.0031	237.0	12.2
2237.	752.8	-9.6	12.6	13.1	-11.2	86.	2.3442	1.9390	0.9966	236.0	12.5
2304.	746.7	-10.1	12.6	13.1	-11.8	86.	2.2227	1.8427	0.9907	236.0	12.8
2368.	740.8	-10.6	12.6	13.1	-12.3	86.	2.1259	1.7658	0.9848	237.0	13.1
2417.	736.3	-11.0	12.6	13.1	-12.7	86.	2.0513	1.7064	0.9786	236.0	13.3
2477.	729.6	-11.4	12.6	13.1	-13.1	86.	1.9790	1.6488	0.9727	236.0	13.5
2541.	723.7	-11.7	13.0	13.5	-13.4	86.	1.9262	1.6067	0.9659	237.0	13.7
2602.	718.2	-11.9	14.0	14.5	-13.6	86.	1.8919	1.5792	0.9598	234.0	13.8
2662.	712.2	-12.1	14.4	14.9	-13.8	86.	1.8581	1.5521	0.9520	233.0	13.9
2725.	706.4	-11.8	15.5	16.0	-13.5	86.	1.9058	1.5928	0.9432	232.0	14.0
2791.	700.4	-11.7	16.5	17.0	-13.4	86.	1.9266	1.6066	0.9348	231.0	14.0
2857.	694.5	-11.7	17.5	17.9	-13.4	86.	1.9261	1.6065	0.9267	230.0	14.1
2924.	688.6	-12.1	17.6	18.0	-13.8	86.	1.8979	1.5820	0.9199	228.0	14.1
2991.	682.7	-12.4	17.6	17.9	-14.0	86.	1.8756	1.4862	0.9136	228.0	14.1
3052.	678.8	-13.0	17.7	18.0	-14.6	86.	1.7189	1.4354	0.9077	226.0	14.0
3114.	671.3	-13.4	18.0	18.3	-14.9	86.	1.6682	1.3983	0.9014	226.0	14.0
3172.	666.1	-13.8	18.1	18.4	-15.4	86.	1.5920	1.3385	0.8960	226.0	14.0
3231.	661.0	-14.2	18.3	18.6	-15.8	86.	1.5347	1.2924	0.8905	225.0	14.0
3292.	655.7	-14.8	18.6	18.9	-16.1	86.	1.4730	1.2587	0.8844	224.0	14.0
3350.	650.3	-14.8	19.2	19.5	-16.4	86.	1.4523	1.2258	0.8781	224.0	14.0
3418.	644.9	-15.2	19.6	19.9	-16.6	86.	1.4258	1.2043	0.8715	223.0	13.9
3477.	639.8	-15.4	19.7	19.9	-17.0	86.	1.3740	1.1624	0.8659	223.0	13.9
3539.	634.6	-15.7	20.2	20.4	-17.3	86.	1.3363	1.1318	0.8598	223.0	13.9
3601.	629.4	-16.1	20.2	20.5	-17.7	86.	1.2875	1.0922	0.8541	223.0	13.8
3667.	623.9	-16.4	20.6	20.8	-18.0	86.	1.2520	1.0633	0.8476	223.0	13.8
3735.	618.3	-16.7	20.9	21.2	-18.5	86.	1.1944	1.0167	0.8416	223.0	13.8
3800.	612.8	-17.4	21.1	21.4	-19.0	86.	1.1421	0.9720	0.8358	223.0	13.7
3868.	607.5	-17.8	21.3	21.6	-19.4	86.	1.1021	0.9375	0.8297	223.0	13.7
3938.	602.5	-18.2	21.7	21.9	-19.8	86.	1.0672	0.9041	0.8242	224.0	13.7
3988.	597.6	-18.6	21.7	21.9	-20.2	86.	1.0179	0.8718	0.8187	224.0	13.7
4056.	592.7	-19.1	21.8	22.0	-20.7	86.	0.9756	0.8330	0.8136	224.0	13.7
4116.	587.5	-19.7	21.9	22.1	-21.3	86.	0.9165	0.7884	0.8083	225.0	13.7
4178.	582.6	-20.2	22.0	22.2	-21.8	86.	0.8736	0.7530	0.8031	225.0	13.7
4237.	577.8	-20.8	22.4	22.6	-22.2	86.	0.8406	0.7257	0.7979	225.0	13.7
4298.	573.4	-21.0	22.4	22.6	-22.5	86.	0.8087	0.6993	0.7929	226.0	13.7
4362.	568.0	-21.5	22.6	22.8	-23.0	86.	0.7705	0.6675	0.7883	226.0	13.8
4429.	564.6	-21.9	22.7	22.9	-23.4	86.	0.7410	0.6430	0.7835	226.0	13.9
4486.	560.2	-22.4	23.1	23.3	-23.7	86.	0.7197	0.6252	0.7783	226.0	14.0
4543.	555.9	-22.8	23.3	23.4	-24.0	86.	0.6989	0.6079	0.7732	225.0	14.1
4593.	551.6	-22.9	23.6	23.7	-24.3	86.	0.6786	0.5909	0.7681	225.0	14.2
4641.	547.0	-23.4	23.6	23.7	-24.7	86.	0.6524	0.5691	0.7629	225.0	14.3
4704.	542.3	-23.7	24.1	24.2	-25.2	86.	0.6210	0.5427	0.7579	225.0	14.4
4768.	537.6	-24.3	24.1	24.2	-25.8	86.	0.5852	0.5126	0.7531	225.0	14.4
4831.	532.5	-24.7	24.4	24.4	-26.2	86.	0.5624	0.4934	0.7477	225.0	14.6
4893.	528.4	-25.2	24.4	24.5	-26.7	86.	0.5350	0.4703	0.7429	224.0	14.6
4956.	523.7	-25.7	24.5	24.6	-27.2	86.	0.5088	0.4482	0.7377	223.0	14.7
5016.	519.5	-26.3	24.6	24.6	-27.8	86.	0.4790	0.4230	0.7336	223.0	14.8
5076.	515.2	-26.8	24.6	24.7	-28.3	86.	0.4554	0.4029	0.7289	222.0	15.0
5136.	510.9	-27.4	24.6	24.7	-28.9	86.	0.4284	0.3800	0.7246	222.0	15.0
5200.	506.4	-27.9	24.7	24.8	-29.4	86.	0.4071	0.3618	0.7197	221.0	15.1
5262.	502.2	-28.4	24.5	24.7	-29.9	86.	0.3868	0.3445	0.7149	221.0	15.1
5325.	497.6	-28.9	25.0	25.1	-30.4	86.	0.3674	0.3279	0.7100	220.0	15.2
5387.	493.3	-29.5	25.0	25.1	-30.9	86.	0.3493	0.3089	0.7056	220.0	15.3
5448.	489.1	-30.1	25.0	25.1	-31.5	86.	0.3324	0.2909	0.7013	219.0	15.4
5506.	485.1	-30.6	25.1	25.1	-32.0	86.	0.3179	0.2767	0.6970	219.0	15.4
5563.	481.2	-30.7	25.6	25.7	-32.1	86.	0.3047	0.2740	0.6917	218.0	15.5
5622.	477.4	-30.8	26.2	26.3	-32.2	86.	0.3015	0.2712	0.6865	218.0	15.6
5681.	473.3	-31.0	26.7	26.7	-32.4	86.	0.2953	0.2658	0.6812	218.0	15.7
5744.	469.1	-31.5	26.8	26.9	-32.9	86.	0.2802	0.2527	0.6765	218.0	15.8
5806.	465.0	-32.1	26.8	26.9	-33.5	86.	0.2630	0.2378	0.6722	218.0	15.9
5865.	461.1	-32.6	26.9	27.0	-34.0	86.	0.2494	0.2262	0.6680	218.0	16.0
5923.	457.3	-33.2	26.9	26.9	-34.6	86.	0.2339	0.2125	0.6641	218.0	16.2
5982.	453.3	-33.7	27.0	27.1	-35.1	86.	0.2217	0.2018	0.6597	218.0	16.3
6044.	449.5	-34.3	27.0	27.1	-35.7	86.	0.2079	0.1897	0.6558	217.0	16.5
6103.	445.7	-34.8	27.1	27.1	-36.2	86.	0.1969	0.1801	0.6516	217.0	16.6
6166.	441.7	-35.4	27.1	27.1	-36.8	86.	0.1845	0.1692	0.6474	218.0	16.7
6227.	437.8	-35.9	27.2	27.3	-37.3	86.	0.1747	0.1605	0.6430	218.0	16.9
6288.	434.0	-36.4	27.3	27.3	-37.8	86.	0.1654	0.1523	0.6388	218.0	16.9
6352.	430.1	-37.0	27.4	27.4	-38.4	86.	0.1569	0.1429	0.6345	219.0	17.1
6413.	426.2	-37.5	27.5	27.5	-38.9	86.	0.1465	0.1355	0.6302	219.0	17.1
6478.	422.2	-37.9	27.8	27.8	-39.2	86.	0.1402	0.1298	0.6253	219.0	17.2
6541.	418.3	-38.3	28.1	28.1	-39.6	86.	0.1341	0.1244	0.6206	219.0	17.3
6602.	414.6	-38.8	28.2	28.2	-40.1	86.	0.1268	0.1179	0.6164	219.0	17.3
6664.	410.9	-39.2	28.5	28.5	-40.5	86.	0.1212	0.1129	0.6120	219.0	17.4
6727.	407.1	-39.8	28.5	28.5	-41.1	86.	0.1133	0.1056	0.6079	219.0	17.5
6793.	403.2	-40.3	28.7	28.7	-41.6	86.	0.1070	0.1002	0.6033	219.0	17.4
6857.	399.4	-40.8	28.8	28.8	-42.1	86.	0.1011	0.0948	0.5989	219.0	17.5
6922.	395.6	-41.4	29.2	29.2	-42.5	86.	0.0966	0.0908	0.5942	219.0	17.5
6986.	391.9	-41.7	29.3	29.3	-43.0	86.	0.0912	0.0859	0.5899	219.0	17.4
7050.	388.2	-42.2	29.5	29.5	-43.5	86.	0.0861	0.0813	0.5856	219.0	17.4
7114.	384.6	-42.6	29.7	29.7	-43.9	86.	0.0822	0.0777	0.5815	220.0	17.4
7169.	381.4	-43.0	29.9	30.0	-44.3	86.	0.0785	0.0743	0.5774	220.0	17.4
7231.	377.9	-43.6	30.0	30.0	-44.9	86.	0.0732	0.0695	0.5736	220.0	17.4
7290.	374.3	-44.2	30.0	30.0	-45.5	86.	0.0682	0.0649	0.5696	220.0	17.4
7360.	370.7	-44.7	30.2	30.2	-46.0	86.	0.0643	0.0614	0.5653	220.0	17.4
7421.	367.3	-45.1	30.4	30.4	-46.4	86.	0.0614	0.0586	0.5611	220.0	17.4
7481.	364.0	-45.7	30.4	30.4	-47.0	86.	0.0572	0.0548	0.5576	220.0	17.3
7540.	360.8	-46.2	30.5	30.5	-47.5	86.	0.0539	0.0517	0.5539	220.0	17.2
7595.	357.8	-46.6	30.7	30.7	-47.9	86.	0.0513	0.0494	0.5502	220.0	17.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7647.	355.0	-47.0	30.8	30.9	-48.2	86.	0.0489	0.0471	0.5469	220.0	17.1
7696.	352.4	-47.4	30.9	31.0	-48.6	86.	0.0466	0.0450	0.5438	220.0	17.1
7745.	349.8	-47.6	31.0	31.1	-49.0	86.	0.0444	0.0429	0.5408	220.0	17.0
7790.	347.4	-48.2	31.1	31.1	-49.4	86.	0.0423	0.0410	0.5380	221.0	17.1
7834.	345.1	-48.5	31.3	31.3	-49.7	86.	0.0408	0.0396	0.5352	221.0	17.0
7881.	342.6	-48.8	31.5	31.5	-50.0	86.	0.0393	0.0382	0.5320	221.0	17.0
7929.	340.1	-49.1	31.7	31.7	-50.3	86.	0.0379	0.0369	0.5288	221.0	16.9
7976.	337.7	-49.6	31.7	31.7	-50.8	86.	0.0357	0.0347	0.5263	221.0	16.9
8022.	335.3	-50.0	31.7	31.8	-51.2	86.	0.0339	0.0331	0.5235	221.0	16.9
8067.	333.0	-50.3	31.9	31.9	-51.5	86.	0.0327	0.0320	0.5206	221.0	16.8
8112.	330.7	-50.7	32.0	32.0	-51.9	86.	0.0311	0.0305	0.5179	221.0	16.8
8156.	328.5	-51.1	32.0	32.0	-52.3	86.	0.0296	0.0290	0.5154	222.0	16.8
8205.	326.0	-51.5	32.1	32.1	-52.7	86.	0.0282	0.0277	0.5124	221.0	16.8
8251.	323.7	-51.6	32.3	32.3	-53.0	86.	0.0271	0.0267	0.5095	222.0	16.7
8297.	321.4	-52.1	32.5	32.6	-53.3	86.	0.0261	0.0257	0.5065	222.0	16.7
8341.	319.2	-52.5	32.6	32.6	-53.7	86.	0.0248	0.0245	0.5040	222.0	16.7
8388.	316.9	-52.9	32.7	32.7	-54.1	86.	0.0236	0.0233	0.5013	222.0	16.7
8431.	314.8	-53.2	32.6	32.6	-54.4	86.	0.0227	0.0225	0.4986	221.0	16.6
8476.	312.6	-53.6	32.9	32.9	-54.8	86.	0.0216	0.0214	0.4960	221.0	16.7
6519.	310.5	-54.0	32.9	32.9	-55.2	86.	0.0205	0.0204	0.4936	220.0	16.8
8560.	308.5	-54.3	33.1	33.1	-55.5	86.	0.0197	0.0197	0.4911	220.0	16.9
8604.	306.4	-54.6	33.2	33.2	-55.8	86.	0.0190	0.0189	0.4884	220.0	16.9
8652.	304.1	-54.7	33.3	33.3	-55.9	86.	0.0188	0.0187	0.4850	220.0	17.0
8699.	301.9	-54.9	34.1	34.1	-56.1	86.	0.0183	0.0182	0.4819	220.0	17.0
8743.	299.6	-55.1	34.4	34.5	-56.3	86.	0.0178	0.0178	0.4790	220.0	17.1
8766.	297.8	-55.3	34.8	34.8	-56.5	86.	0.0173	0.0173	0.4762	219.0	17.2
8831.	295.7	-55.4	35.2	35.2	-56.6	86.	0.0171	0.0171	0.4731	219.0	17.2
6878.	293.5	-55.5	35.6	35.6	-56.7	86.	0.0169	0.0169	0.4698	219.0	17.2
8926.	291.3	-55.7	36.1	36.1	-56.9	86.	0.0165	0.0165	0.4667	219.0	17.3
8972.	289.2	-55.9	36.5	36.5	-57.1	86.	0.0160	0.0161	0.4637	220.0	17.4
9016.	287.2	-56.0	37.0	37.0	-57.1	86.	0.0156	0.0159	0.4608	220.0	17.4
9063.	285.1	-56.1	37.5	37.5	-57.2	86.	0.0156	0.0157	0.4576	220.0	17.4
9107.	283.1	-56.2	37.9	38.0	-57.3	86.	0.0154	0.0155	0.4546	221.0	17.4
9155.	281.0	-56.3	38.5	38.5	-57.4	86.	0.0152	0.0153	0.4514	221.0	17.4
9200.	279.0	-56.3	39.1	39.1	-57.4	86.	0.0152	0.0153	0.4482	221.0	17.5
9248.	276.9	-56.4	39.6	39.6	-57.5	86.	0.0150	0.0151	0.4450	222.0	17.5
9294.	274.9	-56.4	40.3	40.3	-57.5	86.	0.0150	0.0151	0.4418	222.0	17.6
9342.	272.8	-56.4	41.0	41.0	-57.5	86.	0.0150	0.0151	0.4385	223.0	17.6
9389.	270.8	-56.4	41.6	41.6	-57.5	86.	0.0150	0.0151	0.4352	223.0	17.6
9436.	268.8	-56.4	42.3	42.3	-57.5	86.	0.0150	0.0151	0.4320	223.0	17.6
9481.	266.9	-56.3	43.1	43.1	-57.4	86.	0.0152	0.0153	0.4288	224.0	17.6
9526.	265.0	-56.3	43.7	43.7	-57.4	86.	0.0152	0.0153	0.4257	225.0	17.5
9569.	263.2	-56.5	44.1	44.1	-57.6	86.	0.0148	0.0149	0.4232	225.0	17.6
9615.	261.3	-56.6	44.6	44.6	-57.7	86.	0.0146	0.0147	0.4204	225.0	17.6
9659.	259.5	-56.8	44.9	44.9	-57.9	86.	0.0143	0.0144	0.4179	225.0	17.5
9705.	257.6	-57.1	45.1	45.1	-58.2	86.	0.0137	0.0138	0.4154	226.0	17.5
9752.	255.7	-56.9	46.1	46.1	-58.0	86.	0.0141	0.0142	0.4119	226.0	17.5
9797.	253.9	-56.8	47.2	47.2	-57.7	86.	0.0146	0.0147	0.4085	227.0	17.4
9842.	252.1	-56.5	48.3	48.3	-57.4	86.	0.0152	0.0153	0.4050	227.0	17.5
9885.	250.4	-56.1	49.2	49.2	-57.2	86.	0.0156	0.0157	0.4019	228.0	17.4
9932.	248.5	-56.2	49.7	49.8	-57.3	86.	0.0154	0.0155	0.3990	226.0	17.4
9982.	246.6	-56.6	50.0	50.0	-57.6	86.	0.0148	0.0149	0.3965	229.0	17.4
10028.	244.8	-56.8	50.2	50.2	-57.9	86.	0.0143	0.0144	0.3942	229.0	17.3
10075.	243.0	-57.0	50.6	50.6	-58.1	86.	0.0139	0.0140	0.3916	230.0	17.3
10122.	241.2	-57.2	51.0	51.0	-58.3	86.	0.0135	0.0136	0.3891	231.0	17.1
10166.	239.5	-57.3	51.5	51.5	-58.4	86.	0.0134	0.0135	0.3865	230.0	17.3
10209.	237.9	-57.4	52.2	52.2	-58.5	86.	0.0132	0.0133	0.3841	231.0	17.1
10254.	236.2	-57.6	52.4	52.4	-58.7	86.	0.0128	0.0130	0.3817	230.0	17.2
10294.	234.5	-57.4	53.1	53.2	-58.5	86.	0.0132	0.0133	0.3786	230.0	17.2
10345.	232.8	-57.2	54.3	54.3	-58.3	86.	0.0135	0.0136	0.3756	230.0	17.2
10392.	231.1	-56.9	55.4	55.5	-58.0	86.	0.0141	0.0142	0.3723	230.0	17.1
10444.	229.2	-56.6	56.7	56.7	-57.7	86.	0.0146	0.0147	0.3687	230.0	17.0

SOUNDING 54.0
LATITUDE -60.5 LONGITUDE 0.3
DATE 11-10-61 TIME 2344 GMT
NUMBER OF LEVELS 492

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1007.2	-2.4	-3.0	-3.0	-5.0	83.	4.0362	3.2614	1.3015	350.0	7.0
56.	1000.4	-3.2	-3.8	-3.8	-5.2	83.	3.9647	3.2092	1.2932	349.0	6.9
110.	993.6	-3.4	-4.0	-4.0	-5.6	83.	3.8365	3.1072	1.2863	346.0	7.3
163.	986.9	-3.9	-4.5	-4.5	-6.1	83.	3.6776	2.9839	1.2799	344.0	7.6
214.	980.6	-4.4	-5.0	-5.0	-6.6	83.	3.5248	2.8650	1.2739	341.0	8.1
264.	974.3	-4.7	-5.4	-5.5	-7.1	82.	3.3776	2.7505	1.2660	340.0	8.1
318.	967.7	-5.4	-6.2	-6.2	-7.6	83.	3.2360	2.6401	1.2617	338.0	8.2
370.	961.2	-5.8	-6.8	-6.8	-7.9	83.	3.1267	2.5546	1.2550	337.0	8.2
422.	954.9	-6.3	-7.4	-7.4	-8.4	83.	2.9948	2.4514	1.2490	336.0	8.1
474.	948.6	-6.8	-7.9	-8.0	-8.7	83.	2.9140	2.3913	1.2421	335.0	8.1
525.	942.4	-6.7	-7.8	-7.8	-8.8	83.	2.8928	2.3715	1.2345	334.0	7.9
581.	935.7	-4.8	1.6	1.6	-6.4	83.	3.5846	2.9115	1.2149	334.0	7.7
638.	929.0	-1.7	4.1	4.1	-4.1	82.	4.3709	3.5196	1.1956	333.0	7.6
689.	923.1	0.7	7.0	7.0	-2.0	82.	5.2931	4.2300	1.1784	333.0	7.5
744.	916.7	0.6	7.4	7.4	-1.8	82.	5.3699	4.2683	1.1696	333.0	7.3
801.	910.1	1.1	8.0	8.1	-1.7	82.	5.4386	4.3177	1.1609	330.0	7.3
855.	904.1	0.7	8.0	8.0	-1.8	82.	5.3697	4.2882	1.1535	328.0	7.1
905.	898.1	0.7	9.2	9.2	-2.0	82.	5.2926	4.2297	1.1467	325.0	7.0
955.	891.8	0.6	9.8	10.2	-2.2	82.	5.2166	4.1719	1.1394	323.0	6.9
1022.	883.5	0.1	9.8	10.4	-2.6	82.	5.0674	4.0585	1.1330	322.0	6.9
1081.	879.0	-0.1	9.7	10.5	-2.7	82.	4.9584	3.9323	1.1262	320.0	6.8
1137.	872.8	-0.7	10.1	10.7	-3.1	82.	4.7466	3.8098	1.1198	318.0	6.6
1197.	866.2	-1.1	10.4	10.9	-3.5	82.	4.5935	3.6908	1.1129	317.0	6.7
1256.	859.9	-1.4	10.6	11.1	-3.8	82.	4.4603	3.6037	1.1059	315.0	6.7
1313.	853.8	-1.8	10.7	11.4	-2.5	94.	4.9674	3.9774	1.1001	312.0	6.6
1366.	848.1	-2.2	10.8	11.5	-2.2	100.	5.1105	4.0869	1.0945	310.0	6.8
1425.	841.8	-2.6	10.9	11.7	-2.6	100.	4.9410	3.9573	1.0879	309.0	6.8
1483.	835.7	-2.7	11.7	12.4	-2.5	100.	4.9374	3.9896	1.0796	309.0	6.9
1548.	828.9	-2.5	12.4	13.1	-2.5	100.	4.9832	3.9895	1.0709	308.0	7.1
1615.	821.9	-2.5	13.1	13.8	-2.5	100.	4.9831	3.9894	1.0619	307.0	7.2
1679.	815.7	-2.5	13.7	14.4	-2.6	99.	4.9331	3.9512	1.0539	307.0	7.4
1735.	809.5	-2.6	14.3	15.0	-2.6	99.	4.9330	3.9511	1.0459	306.0	7.5
1792.	803.6	-2.5	14.9	15.6	-2.8	98.	4.8422	3.8815	1.0386	305.0	7.6
1852.	797.4	-2.6	15.4	16.1	-3.0	97.	4.7427	3.8436	1.0312	305.0	7.8
1905.	792.4	-2.6	15.8	16.6	-3.1	96.	4.7432	3.8056	1.0241	305.0	7.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1964.	786.5	-2.8	16.4	17.0	-3.4	95.	4.6154	3.7075	1.0172	304.0	8.1
2021.	780.8	-3.3	16.8	17.4	-3.7	94.	4.4995	3.6115	1.0105	304.0	8.2
2078.	775.2	-3.3	17.1	17.7	-4.2	93.	4.3317	3.4893	1.0042	304.0	8.3
2135.	769.7	-3.5	17.4	18.0	-4.4	93.	4.2590	3.4333	0.9978	304.0	8.4
2189.	764.4	-3.7	17.8	18.4	-4.7	92.	4.1425	3.3434	0.9916	304.0	8.4
2240.	759.5	-3.8	18.2	18.8	-4.9	91.	4.0626	3.2818	0.9856	304.0	8.4
2292.	754.5	-4.1	18.4	19.0	-5.3	90.	3.9171	3.1692	0.9801	304.0	8.4
2344.	749.5	-4.5	18.6	19.1	-5.7	90.	3.7860	3.0677	0.9749	303.0	8.4
2396.	744.6	-4.8	18.6	19.3	-6.2	89.	3.6493	2.9617	0.9696	303.0	8.4
2451.	739.4	-5.1	19.0	19.6	-6.6	88.	3.5164	2.8588	0.9638	303.0	8.3
2510.	733.9	-5.3	19.4	20.0	-6.9	87.	3.4179	2.7817	0.9573	303.0	8.2
2572.	728.1	-5.6	19.8	20.3	-7.3	86.	3.2997	2.6841	0.9507	302.0	8.1
2626.	722.5	-5.8	20.2	20.7	-7.7	85.	3.1988	2.6108	0.9446	301.0	7.9
2684.	717.7	-5.9	20.7	21.1	-7.9	84.	3.1341	2.5603	0.9381	300.0	7.8
2737.	712.9	-6.1	21.0	21.5	-8.1	84.	3.0805	2.5184	0.9325	299.0	7.7
2793.	707.8	-6.2	21.5	22.0	-8.3	83.	3.0176	2.4692	0.9261	298.0	7.6
2846.	702.8	-6.4	21.9	22.3	-8.7	82.	2.9302	2.4007	0.9202	296.0	7.2
2901.	698.1	-6.5	22.3	22.8	-8.9	81.	2.8695	2.3530	0.9144	295.0	7.1
2952.	693.5	-6.7	22.7	23.1	-9.3	80.	2.7854	2.2870	0.9090	294.0	6.9
3002.	689.1	-7.0	22.9	23.3	-9.5	80.	2.7138	2.2307	0.9042	293.0	6.7
3052.	684.7	-7.3	23.1	23.5	-10.0	79.	2.6109	2.1497	0.8994	291.0	6.6
3103.	680.2	-7.5	23.3	23.7	-10.4	78.	2.5114	2.0712	0.8944	290.0	6.5
3154.	675.4	-8.1	23.3	23.7	-11.1	77.	2.3732	1.9619	0.8897	288.0	6.4
3215.	670.5	-8.6	23.4	23.8	-11.7	76.	2.2419	1.8579	0.8848	287.0	6.2
3271.	665.6	-9.0	23.6	23.9	-12.1	76.	2.1643	1.7963	0.8796	286.0	6.2
3328.	660.7	-9.5	23.7	24.0	-12.7	75.	2.0436	1.7002	0.8747	285.0	6.1
3387.	655.7	-9.9	23.8	24.2	-13.3	74.	1.9461	1.6225	0.8693	284.0	6.0
3442.	651.0	-10.4	23.9	24.2	-13.9	73.	1.8363	1.5347	0.8646	283.0	5.9
3499.	646.2	-10.9	23.9	24.2	-14.5	72.	1.7321	1.4512	0.8598	282.0	5.8
3554.	641.6	-11.3	24.1	24.4	-15.1	71.	1.6479	1.3836	0.8550	281.0	5.6
3612.	636.8	-11.8	24.2	24.4	-15.7	70.	1.5533	1.3074	0.8501	280.0	5.7
3667.	632.2	-12.2	24.3	24.6	-16.1	70.	1.4983	1.2652	0.8452	281.0	5.7
3725.	627.4	-12.7	24.4	24.6	-16.7	69.	1.4116	1.1928	0.8404	280.0	5.5
3781.	622.8	-13.1	24.6	24.8	-17.3	68.	1.3415	1.1360	0.8354	280.0	5.4
3835.	618.4	-13.6	24.8	25.0	-17.9	67.	1.2629	1.0721	0.8311	279.0	5.4
3889.	614.0	-14.0	24.7	25.0	-16.1	82.	1.4481	1.2563	0.8266	277.0	5.2
3944.	609.6	-14.5	24.8	25.1	-16.8	81.	1.4058	1.1882	0.8222	276.0	5.2
4001.	605.0	-14.9	24.9	25.2	-17.3	80.	1.3384	1.1335	0.8172	275.0	5.3
4060.	600.3	-15.3	25.2	25.4	-17.8	79.	1.2737	1.0809	0.8121	273.0	5.3
4119.	595.9	-15.8	25.4	25.7	-18.2	78.	1.2231	1.0397	0.8070	272.0	5.3
4180.	591.7	-16.2	25.7	25.9	-18.7	77.	1.1742	0.9999	0.8023	270.0	5.3
4242.	587.5	-16.7	25.9	26.1	-19.2	76.	1.1166	0.9528	0.7978	269.0	5.3
4276.	585.3	-16.8	25.9	26.1	-19.8	75.	1.0917	0.8996	0.7936	267.0	5.3
4331.	579.8	-17.1	26.2	26.3	-20.3	74.	1.0389	0.8645	0.7886	265.0	5.3
4387.	574.7	-17.3	26.5	26.6	-20.8	74.	0.9901	0.8490	0.7833	264.0	5.4
4438.	570.2	-17.6	26.8	27.0	-21.3	73.	0.9465	0.8156	0.7789	262.0	5.4
4491.	565.8	-17.9	27.0	27.2	-21.3	72.	0.9104	0.7834	0.7743	261.0	5.4
4540.	561.1	-18.3	27.1	27.3	-21.9	71.	0.8744	0.7454	0.7705	259.0	5.6
4586.	556.8	-18.8	27.3	27.5	-22.3	70.	0.8384	0.7155	0.7665	258.0	5.6
4634.	552.6	-19.2	27.4	27.6	-22.8	69.	0.7961	0.6804	0.7624	257.0	5.7
4688.	547.2	-19.4	27.7	27.7	-23.4	68.	0.7457	0.6469	0.7587	257.0	5.8
4737.	542.3	-19.9	27.7	27.7	-24.0	67.	0.7054	0.6061	0.7548	256.0	6.0
4790.	537.4	-20.4	27.8	27.7	-24.5	67.	0.6675	0.5817	0.7509	254.0	6.1
4839.	533.0	-20.9	27.8	27.8	-25.1	66.	0.6266	0.5474	0.7474	253.0	6.3
4893.	528.9	-21.3	27.8	27.8	-25.7	65.	0.5927	0.5196	0.7432	252.0	6.5
4944.	524.2	-21.7	27.8	27.8	-26.2	64.	0.5622	0.4933	0.7392	252.0	6.7
4995.	519.6	-22.2	27.8	27.8	-26.7	63.	0.5275	0.4725	0.7351	251.0	6.9
5042.	515.1	-22.7	27.8	27.8	-27.1	62.	0.4937	0.4524	0.7311	251.0	7.1
5094.	510.4	-23.2	27.8	27.8	-27.6	61.	0.4628	0.4332	0.7268	251.0	7.2
5146.	505.7	-23.7	27.8	27.8	-28.2	60.	0.4336	0.4066	0.7230	251.0	7.3
5197.	501.1	-24.2	27.8	27.8	-28.7	59.	0.4045	0.3852	0.7192	251.0	7.4
5245.	496.7	-24.7	27.8	27.8	-29.1	59.	0.3777	0.3708	0.7155	251.0	7.5
5292.	492.4	-25.2	27.8	27.8	-29.6	58.	0.3524	0.3545	0.7118	251.0	7.5
5344.	487.8	-25.7	27.8	27.8	-30.2	57.	0.3285	0.3386	0.7076	251.0	7.6
5396.	483.2	-26.2	27.8	27.8	-30.7	56.	0.3065	0.3237	0.7034	250.0	7.6
5448.	478.8	-26.7	27.8	27.8	-31.2	55.	0.2861	0.3061	0.6994	250.0	7.6
5501.	474.4	-27.2	27.8	27.8	-31.8	54.	0.2673	0.2870	0.6957	250.0	7.6
5552.	470.0	-27.6	27.8	27.8	-32.4	54.	0.2496	0.2684	0.6918	250.0	7.6
5599.	465.8	-28.0	27.8	27.8	-32.9	53.	0.2332	0.2519	0.6884	250.0	7.6
5647.	461.6	-28.4	27.8	27.8	-33.4	52.	0.2177	0.2353	0.6853	250.0	7.6
5695.	457.4	-28.8	27.8	27.8	-33.9	51.	0.2032	0.2197	0.6823	250.0	7.6
5743.	453.3	-29.2	27.8	27.8	-34.5	51.	0.1897	0.2051	0.6796	250.0	7.6
5792.	449.2	-29.6	27.8	27.8	-35.0	50.	0.1770	0.1914	0.6768	250.0	7.6
5839.	445.2	-30.0	27.8	27.8	-35.5	49.	0.1652	0.1787	0.6741	250.0	7.6
5887.	441.2	-30.4	27.8	27.8	-36.1	49.	0.1542	0.1669	0.6716	250.0	7.6
5936.	437.2	-30.8	27.8	27.8	-36.6	48.	0.1439	0.1559	0.6691	250.0	7.6
5986.	433.2	-31.2	27.8	27.8	-37.1	47.	0.1343	0.1456	0.6667	250.0	7.6
6036.	429.3	-31.6	27.8	27.8	-37.6	47.	0.1254	0.1360	0.6645	250.0	7.6
6086.	425.4	-32.0	27.8	27.8	-38.2	46.	0.1171	0.1270	0.6622	250.0	7.6
6136.	421.6	-32.4	27.8	27.8	-38.7	45.	0.1093	0.1186	0.6601	250.0	7.6
6187.	417.8	-32.8	27.8	27.8	-39.2	45.	0.1021	0.1108	0.6580	250.0	7.6
6238.	414.0	-33.2	27.8	27.8	-39.8	44.	0.0953	0.1035	0.6560	250.0	7.6
6289.	410.3	-33.6	27.8	27.8	-40.3	43.	0.0890	0.0967	0.6540	250.0	7.6
6341.	406.6	-34.0	27.8	27.8	-40.8	43.	0.0831	0.0903	0.6521	250.0	7.6
6393.	402.9	-34.4	27.8	27.8	-41.4	42.	0.0776	0.0843	0.6502	250.0	7.6
6445.	399.3	-34.8	27.8	27.8	-41.9	41.	0.0724	0.0787	0.6484	250.0	7.6
6498.	395.7	-35.2	27.8	27.8	-42.4	41.	0.0676	0.0735	0.6467	250.0	7.6
6551.	392.1	-35.6	27.8	27.8	-43.0	40.	0.0631	0.0686	0.6450	250.0	7.6
6605.	388.6	-36.0	27.8	27.8	-43.5	40.	0.0589	0.0641	0.6434	250.0	7.6
6659.	385.1	-36.4	27.8	27.8	-44.0	39.	0.0550	0.0599	0.6419	250.0	7.6
6713.	381.6	-36.8	27.8	27.8	-44.6	39.	0.0513	0.0559	0.6404	250.0	7.6
6768.	378.2	-37.2	27.8	27.8	-45.1	38.	0.0479	0.0522	0.6390	250.0	7.6
6823.	374.8	-37.6	27.8	27.8	-45.7	38.	0.0447	0.0488	0.6376	250.0	7.6
6878.	371.4	-38.0	27.8	27.8	-46.2	37.	0.0417	0.0456	0.6363	250.0	7.6
6934.	368.1	-38.4	27.8	27.8	-46.8	37.	0.0389	0.0426	0.6350	250.0	7.6
6990.	364.8	-38.8	27.8	27.8	-47.3	36.	0.0363	0.0398	0.6338	250.0	7.6
7046.	361.5	-39.2	27.8	27.8	-47.9	36.	0.0339	0.0372	0.6326	250.0	7.6
7103.	358.3	-39.6	27.8	27.8	-48.4	35.	0.0317	0.0348	0.6315	250.0	7.6
7161.	355.1	-40.0	27.8	27.8	-49.0	35.	0.0296	0.0325	0.6305	250.0	7.6
7219.	351.9	-40.4	27.8	27.8	-49.5	34.	0.0277	0.0304	0.6295	250.0	7.6
7277.	348.7	-40.8	27.8	27.8	-50.1	34.	0.0259	0.0284	0.6285	250.0	7.6
7336.	345.6	-41.2	27.8	27.8	-50.7	33.	0.0242	0.0266	0.6276	250.0	7.6
7396.	342.5	-41.6	27.8	27.8	-51.2	33.	0.0227	0.0249	0.6268	250.0	7.6
7456.	339.4	-42.0	27.8	27.8	-51.8	32.	0.0212	0.0233	0.6260	250.0	7.6
7516.	336.3	-42.4	27.8	27.8	-52.4	32.	0.0199	0.0218	0.6253	250.0	7.6
7577.	333.3	-42.8	27.8	27.8	-52.9	31.	0.0186	0.0204	0.6246	250.0	7.6
7638.	330.3	-43.2	27.8	27.8	-53.5	31.	0.0174	0.0191	0.6240	250.0	7.6
7700.	327.3	-43.6	27.8	27.8	-54.1	30.	0.0163	0.0179	0.6234	250.0	7.6
7762.	324.4	-44.0	27.8	27.8	-54.7	30.	0.0153	0.0168	0.6229	250.0	7.6
7824.	321.5	-44.4	27.8	27.8	-55.3	29.	0.0143	0.0157	0.6224	250.0	7.6
7887.	318.6	-44.8	27.8	27.8	-55.9	29.	0.0134	0.0147	0.6220	250.0	7.6
7951.	315.7	-45.2	27.8	27.8	-56.5	28.	0.0126	0.0138	0.6216	250.0	7.6
8015.	312.9	-45.6	27.8	27.8	-57.1	28.	0.0118	0.0129	0.6212	250.0	7.6
8079.	310.1	-46.0	27.8	27.8	-57.7	27.	0.0110	0.0121	0.6209	250.0	7.6
8144.	307.3	-46.4	27.8	27.8	-58.3	27.	0.0103	0.0113	0.6206	250.0	7.6
8209.	304.5	-46.8	27.8	27.8	-58.9	26.	0.0097	0.0106	0.6204	250.0	7.6
8275.	301.8	-47.2	27.8	27.8	-59.5	26.	0.0091	0.0099	0.6202	250.0	7.6
8341.	299.1	-47.6	27.8	27.8	-60.1	25.	0.0085	0.0093	0.6200	250.0	7.6
8407.	296.4	-48.0	27.8	27.8	-60.7	25.	0.0080	0.0087	0.6199	250.0	7.6
8474.	293.7	-48.4	27.8	27.8	-61.3	24.	0.0075	0.0081	0.6198	250.0	7.6
8542.	291.1	-48.8	27.8	27.8	-61.9	24.	0.0070	0.0076	0.6197	250.0	7.6
8610.	288.5	-49.2	27.8	27.8	-62.5	23.	0.0066	0.0071	0.6197	250.0	7.6
8678.	285.9	-49.6	27.8	27.8	-63.1	23.	0.0062	0.0066	0.6196	250.0	7.6
8747.	283.3	-50.0	27.8	27.8	-63.7	22.	0.0058	0.0062	0.6196	250.0	7.6
8817.	280.8	-50.4	27.8	27.8	-64.3	22.	0.0054	0.0057	0.6196	250.0	7.6
8886.	278.3	-50.8	27.8	27.8	-64.9	21.	0.0050	0.0053	0.6196	250.0	7.6
8957.	275.8	-51.2	27.8	27.8	-65.5	21.	0.0047	0.0049	0.6196	250.0	7.6
9027.	273.3	-51.6	27.8	27.8	-66.1	20.	0.0043	0.0046	0.6196	250.0	7.6
9098.	270.9	-52.0	27.8	27.8	-66.7	20.	0.0040	0.0042	0.6196	250.0	7.6
9169.	268.5	-52.4	27.8	27.8	-67.3	19.	0.0037	0.0039	0.6196	250.0	7.6
9241.	266.1	-52.8	27.8	27.8	-67.9	19.	0.0035	0.0036	0.6196	250.0	7.6
9313.	263.7	-53.2	27.8	27.8	-68.5	18.	0.0032	0.0033	0.6196	250.0	7.6
9386.	261.4	-53.6	27.8	27.8	-69.1	18.	0.0030	0.0030	0.6196	250.0	7.6
9459.	259.1	-54.0	27.8	27.8	-69.7	17.	0.0027	0.0028	0.6196	250.0	7.6
9533.	256.8	-54.4	27.8	27.8	-70.3	17.	0.0025	0.0025	0.6196	250.0	7.6
9607.	254.5	-54.8	27.8	27.8	-70.9	16.	0.0023	0.0023	0.6196	250.0	7.6
9682.	252.3	-55.2	27.8	27.8	-71.5	16.	0.0021	0.0021	0.6196	250.0	7.6
9757.	250.1	-55.6	27.8	27.8	-72.1	15.	0.0019	0.0019	0.6196	250.0	7.6
9833.	247.9	-56.0	27.8	27.8	-72.7	15.	0.0017	0.0017	0.6196	250.0	7.6
9909.	245.7	-56.4	27.8	27.8	-73.3	14.	0.0015	0.0015	0.6196	250.0	7.6
9986.	243.5	-56.8	27.8	27.8	-73.9	14.	0.0013	0.0013	0.6196	250.0	7.6
10063.	241.4	-57.2	27.8	27.8	-74.5	13.	0.0012	0.0012	0.6196	250.0	7.6
10141.	239.3	-57.6	27.8	27.8	-75.1	13.	0.0010	0.0010	0.6196	250.0	7.6
10219.	237.2	-58.0	27.8	27.8	-75.7	12.	0.0009	0.0009	0.6196	250.0	7.6
10298.	235.1	-58.4	27.8	27.8	-76.3	12.	0.0008	0.0008	0.6196	250.0	7.6
10377.	233.0	-58.8	27.8	27.8	-76.9	11.	0.0007	0.0007	0.6196	250.0	7.6
10457.	231.0	-59.2	27.8	27.8	-77.5	11.	0.0006	0.0006	0.6196	250.0	7.6
10537.	229.0	-59.6	27.8	27.8	-78.1	10.	0.0005	0.0005	0.6196	250.0	7.6
10618.	227.0	-60.0	27.8	27.8	-78.7	10.	0.0004	0.0004	0.6196	250.0	7.6
10699.	225.0	-60.4	27.8	27.8	-79.3	9.	0.0003	0.0003	0.6196	250.0	7.6
10781.	223.0	-60.8	27.8	27.8	-79.9	9.	0.0003	0.0003	0.6196	250.0	7.6
10863.	221.1	-61.2	27.8	27.8	-80.5	8.	0.0002	0.0002	0.6196	250.0	7.6
10946.	219.2	-61.6	27.8	27.8	-81.1	8.	0.0002	0.0002	0.6196	250.0	7.6
11030.	217.3	-62.0	27.8	27.8	-81.7	7.	0.0001	0.0001	0.6196	250.0	7.6
11114.	215.4	-62.4	27.8	27.8	-82.3	7.	0.0001	0.0001	0.6196	250.0	7.6
11198.	213.5	-62.8	27.8	27.8	-82.9	6.	0.0001	0.0001	0.6196	250.0	7.6
11283.	211.7	-63.2	27.8	27.8	-83.5	6.	0.0001	0.0001	0.6196	250.0	7.6
11369.	209.8	-63.6	27.8	27.8	-84.1	5.	0.0000	0.0000	0.6196	250.0	7.6
11455.	208.0	-64.0	27.8	27.8	-84.7	5.	0.0000	0.0000	0.6196	250.0	7.6
11541.	206.2	-64.4	27.8	27.8	-85.3	4.	0.0000	0.0000	0.6196	250.0	7.6
11628.	204.4	-64.8	27.8	27.8	-85.9	4.	0.0000	0.0000	0.6196	250.0	7.6
11716.	202.6	-65.2	27.8	27.8	-86.5	3.	0.0000	0.0000	0.6196	250.0	7.6
11804.	200.8	-65.6	27.8	27.8	-87.1	3.	0.0000	0.0000	0.6196	250.0	7.6
11892.	199.0	-66.0	27.8	27.8	-87.7	2.	0.0000	0.0000	0.6196	250.0	7.6
11981.	197.3	-66.4	27.8	27.8	-88.3	2.	0.0000	0.0000	0.6196	250.0	7.6
12071.	195.5	-66.8	27.8	27.8	-88.9	1.	0.0000	0.0000	0.6196	250.0	7.6
12161.	193.8	-67.2	27.8	27.8	-89.5	1.	0.0000	0.0000	0.6196	250.0	7.6
12251.	192.1	-67.6	27.8	27.8	-90.1	1.	0.0000	0.0000	0.6196	250.0	7.6
12342.	190.4	-68.0	27.8	27.8	-90.7	0.	0.0000	0.0000	0.6196	250.0	7.6
12434.	188.7	-68.4	27.8	27.8	-91.3	0.	0.0000	0.0000	0.6196	250.0	7.6
12526.	187.0	-68.8	27.8	27.8	-91.9	0.	0.0000	0.0000	0.6196	250.0	7.6
12618.	185.3	-69.2	27.8	27.8	-92.5	0.	0.0000	0.0000	0.6196	250.0	7.6
12711.	183.7	-69.6	27.8	27.8	-93.1	0.	0.0000	0.0000	0.6196	250.0	7.6
12805.	182.0	-70.0	27.8	27.8	-93.7	0.	0.0000	0.0000	0.6196	250.0	7.6
12899.	180.4	-70.4	27.8	27.8	-94.3	0.	0.0000	0.0000	0.6196	250.0	7.6
12993.	178.8	-70.8	27.8	27.8	-94.9	0.	0.0000	0.0000	0.6196	250.0	7.6
13088.	177.2	-71.2	27.8	27.8	-95.5	0.	0.0000	0.0000	0.6196	250.0	7.6
13183.	175.6	-71.6	27.8	27.8	-96.1	0.	0.0000	0.0000	0.6196	250.0	7.6
13279.	174.0	-72.0	27.8	27.8	-96.7	0.	0.0000	0.0000	0.6196	250.0	7.6
13375.	172.4	-72.4	27.8	27.8	-97.3	0.	0.0000	0.0000	0.6196	250.0	7.6
13472.	170.8	-72.8	27.8	27.8	-97.9	0.	0.0000	0.0000	0.6196	250.0	7.6
13569.	169.3	-73.2	27.8	27.8	-98.5	0.	0.0000	0.0000	0.6196	250.0	7.6
13667.	167.7	-73.6	27.8	27.8	-99.1	0.	0.0000	0.0000	0.6196	250.0	7.6
13765.	166.2	-74.0	27.8	27.8	-99.7	0.	0.0000	0.0000	0.6196	250.0	7.6
13864.	164.7	-74.4	27.8	27.8	-100.3	0.	0.0000	0.0000	0.6196	250.0	7.6
13963.	163.2	-74.8	27.8	27.8	-100.9	0.	0.0000	0.0000	0.6196	250.0	7.6
14063.	161.7	-75.2	27.8	27.8	-101.5	0.	0.0000	0.0000	0.6196	250.0	7.6
14163.	160.2	-75.6	27.8	27.8	-102.1	0.	0.0000	0.0000	0.6196	250.0	7.6
14263.	158.7	-76.0	27.8	27.8	-102.7	0.	0.0000	0.0000	0.6196	250.0	7.6
14364.	157.2	-76.4	27.8	27.8	-103.3	0.	0.0000	0.0000	0.6196	250.0	7.6
14466.	155.8	-76.8	27.8	27.8	-103.9	0.	0.0000	0.0000	0.6196	250.0	7.6
14568.	154.3	-77.2	27.8	27.8	-104.5	0.	0.0000	0.0000	0.6196	250.0	7.6
14670.	152.9	-77.6	27.8	27.8	-105.1	0.	0.0000	0.0000	0.6196	250.0	7.6
14773.	151.5	-78.0	27.8	27.8	-105.7	0.	0.0000	0.0000	0.6196	250.0	7.6
14876.	150.1	-78.4	27.8	27.8	-106.3	0.	0.0000	0.0000	0.6196	250.0	7.6
14980.	148.7	-78.8	27.8	27.8	-106.9	0.	0.0000	0.0000	0.6196	250.0	7.6
15084.	147.3	-79.2	27.8	27.8	-107.5	0.	0.0000	0.0000	0.6196	250.0	7.6
15189.	145.9	-79.6	27.8	27.8	-108.1	0.	0.0000	0.0000	0.6196	250.0	7.6
15294.	144.5	-80.0	27.8	27.8	-108.7	0.	0.0000	0.0000	0.6196	250.0	7.6
15400.	143.2	-80.4	27.8	27.8	-109.3	0.	0.0000	0.0000	0.6196	250.0	7.6
15506.	141.8	-80.8	27.8	27.8	-109.9	0.	0.0000	0.0000	0.6196	250.0	7.6
15613.	140.5	-81.2	27.8	27.8	-110.5	0.	0.0000	0.0000	0.6196	250.0	7.6
15720.	139.1	-81.6	27.8	27.8	-111.1	0.	0.0000	0.0000	0.6196	250.0	7.6
15828.	137.8	-82.0	27.8	27.8	-111.7	0.	0.0000	0.0000	0.6196	250.0	7.6
15936.	136.5	-82.4	27.8	27.8	-112.3	0.	0.0000	0.0000	0.6196	250.0	7.6
16045.	135.2	-82.8	27.8	27.8	-112.9	0.	0.0000	0.0000	0.6196	250.0	7.6
16154.	133.9	-83.2	27.8	27.8	-113.5	0.	0.0000	0.0000	0.6196	250.0	7.6
16264.	132.6	-83.6	27.8	27.8	-114.1	0.	0.0000	0.0000	0.6196	250.0	7.6
16374.	131.3	-84.0	27.8	27.8	-114.7	0.	0.0000	0.0000	0.6196	250.0	7.6
16485.	130.0	-84.4	27.8	27.8	-115.3	0.	0.0000	0.0000	0.6196	250.0	7.6
16596.	128.7	-84.8	27.8	27.8	-115.9	0.	0.0000	0.0000	0.6196	250.0	7.6
16708.	127.5	-85.2	27.8	27.8	-116.5	0.	0.0000	0.0000	0.6196	250.0	7.6
16820.	126.2	-85.6	27.8	27.8	-117.1	0.	0.0000	0.0000	0.6196	250.0	7.6
16933.	125.0	-86.0	27.8	27.8	-117.7	0.	0.0000	0.0000	0.6196	250.0	7.6
17046.	123.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E-3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7266.	317.0	-44.0	46.1	46.2	-46.0	85.	0.0094	0.0095	0.5758	254.0	6.1
7320.	314.8	-44.1	46.1	46.2	-46.4	85.	0.0087	0.0917	0.5715	253.0	6.1
7374.	312.6	-44.1	46.2	46.2	-46.8	85.	0.0081	0.0887	0.5689	252.0	6.0
7428.	310.4	-44.1	46.2	46.2	-47.2	85.	0.0075	0.084	0.5666	252.0	6.1
7482.	308.2	-44.1	46.2	46.2	-47.6	85.	0.0069	0.0842	0.5641	251.0	6.1
7536.	306.0	-44.1	46.2	46.2	-48.0	85.	0.0064	0.0816	0.5612	251.0	6.1
7591.	303.8	-44.1	46.2	46.2	-44.1	85.	0.0076	0.0786	0.5586	250.0	6.0
7645.	301.7	-44.1	46.1	46.2	-44.1	85.	0.0076	0.0765	0.5559	250.0	6.1
7700.	299.5	-44.1	46.1	46.2	-44.1	85.	0.0076	0.0755	0.5559	250.0	6.1
7755.	297.3	-44.2	46.1	46.2	-44.4	85.	0.0076	0.0741	0.5535	250.0	6.1
7811.	295.1	-44.2	46.1	46.2	-44.8	85.	0.0076	0.0728	0.5515	250.0	6.1
7866.	293.0	-44.2	46.1	46.2	-45.1	85.	0.0076	0.0715	0.5509	249.0	6.1
7922.	290.8	-44.2	46.1	46.2	-45.5	85.	0.0076	0.0699	0.5485	249.0	6.1
7978.	288.6	-44.2	46.1	46.2	-45.8	85.	0.0076	0.0684	0.5462	249.0	6.2
8034.	286.5	-44.2	46.1	46.2	-46.1	85.	0.0076	0.0669	0.5435	247.0	6.1
8091.	284.3	-44.2	46.1	46.2	-46.4	85.	0.0076	0.0654	0.5413	247.0	6.1
8147.	282.2	-44.2	46.1	46.2	-46.8	85.	0.0076	0.0640	0.5392	246.0	6.1
8204.	280.0	-44.2	46.1	46.2	-47.2	85.	0.0076	0.0625	0.5368	245.0	6.0
8261.	277.9	-44.2	46.1	46.2	-47.5	85.	0.0076	0.0610	0.5344	245.0	6.0
8318.	275.8	-44.2	46.1	46.2	-47.9	85.	0.0076	0.0596	0.5319	244.0	6.0
8376.	273.7	-44.2	46.1	46.2	-48.3	85.	0.0076	0.0582	0.5294	243.0	6.0
8434.	271.6	-44.2	46.1	46.2	-48.7	85.	0.0076	0.0568	0.5269	242.0	6.0
8492.	269.5	-44.2	46.1	46.2	-49.1	85.	0.0076	0.0554	0.5243	241.0	6.0
8550.	267.4	-44.2	46.1	46.2	-49.5	85.	0.0076	0.0541	0.5218	240.0	6.0
8609.	265.3	-44.2	46.1	46.2	-49.9	85.	0.0076	0.0527	0.5192	239.0	6.0
8668.	263.2	-44.2	46.1	46.2	-50.3	85.	0.0076	0.0514	0.5166	238.0	6.0
8727.	261.1	-44.2	46.1	46.2	-50.7	85.	0.0076	0.0501	0.5140	237.0	6.0
8787.	259.0	-44.2	46.1	46.2	-51.1	85.	0.0076	0.0488	0.5114	236.0	6.0
8847.	256.9	-44.2	46.1	46.2	-51.5	85.	0.0076	0.0475	0.5088	235.0	6.0
8907.	254.8	-44.2	46.1	46.2	-51.9	85.	0.0076	0.0462	0.5062	234.0	6.0
8968.	252.7	-44.2	46.1	46.2	-52.3	85.	0.0076	0.0450	0.5036	233.0	6.0
9029.	250.6	-44.2	46.1	46.2	-52.7	85.	0.0076	0.0437	0.5010	232.0	6.0
9090.	248.5	-44.2	46.1	46.2	-53.1	85.	0.0076	0.0425	0.4984	231.0	6.0
9152.	246.4	-44.2	46.1	46.2	-53.5	85.	0.0076	0.0413	0.4958	230.0	6.0
9214.	244.3	-44.2	46.1	46.2	-53.9	85.	0.0076	0.0401	0.4932	229.0	6.0
9276.	242.2	-44.2	46.1	46.2	-54.3	85.	0.0076	0.0389	0.4906	228.0	6.0
9338.	240.1	-44.2	46.1	46.2	-54.7	85.	0.0076	0.0377	0.4880	227.0	6.0
9401.	238.0	-44.2	46.1	46.2	-55.1	85.	0.0076	0.0365	0.4854	226.0	6.0
9464.	235.9	-44.2	46.1	46.2	-55.5	85.	0.0076	0.0353	0.4828	225.0	6.0
9528.	233.8	-44.2	46.1	46.2	-55.9	85.	0.0076	0.0342	0.4802	224.0	6.0
9591.	231.7	-44.2	46.1	46.2	-56.3	85.	0.0076	0.0330	0.4776	223.0	6.0
9655.	229.6	-44.2	46.1	46.2	-56.7	85.	0.0076	0.0319	0.4750	222.0	6.0
9720.	227.5	-44.2	46.1	46.2	-57.1	85.	0.0076	0.0307	0.4724	221.0	6.0
9784.	225.4	-44.2	46.1	46.2	-57.5	85.	0.0076	0.0296	0.4698	220.0	6.0
9849.	223.3	-44.2	46.1	46.2	-57.9	85.	0.0076	0.0285	0.4672	219.0	6.0
9914.	221.2	-44.2	46.1	46.2	-58.3	85.	0.0076	0.0274	0.4646	218.0	6.0
9980.	219.1	-44.2	46.1	46.2	-58.7	85.	0.0076	0.0263	0.4620	217.0	6.0
10045.	217.0	-44.2	46.1	46.2	-59.1	85.	0.0076	0.0252	0.4594	216.0	6.0
10111.	214.9	-44.2	46.1	46.2	-59.5	85.	0.0076	0.0241	0.4568	215.0	6.0
10177.	212.8	-44.2	46.1	46.2	-59.9	85.	0.0076	0.0230	0.4542	214.0	6.0
10243.	210.7	-44.2	46.1	46.2	-60.3	85.	0.0076	0.0220	0.4516	213.0	6.0
10310.	208.6	-44.2	46.1	46.2	-60.7	85.	0.0076	0.0209	0.4490	212.0	6.0
10377.	206.5	-44.2	46.1	46.2	-61.1	85.	0.0076	0.0199	0.4464	211.0	6.0
10444.	204.4	-44.2	46.1	46.2	-61.5	85.	0.0076	0.0188	0.4438	210.0	6.0
10512.	202.3	-44.2	46.1	46.2	-61.9	85.	0.0076	0.0178	0.4412	209.0	6.0
10580.	200.2	-44.2	46.1	46.2	-62.3	85.	0.0076	0.0168	0.4386	208.0	6.0
10648.	198.1	-44.2	46.1	46.2	-62.7	85.	0.0076	0.0158	0.4360	207.0	6.0
10716.	196.0	-44.2	46.1	46.2	-63.1	85.	0.0076	0.0148	0.4334	206.0	6.0
10785.	193.9	-44.2	46.1	46.2	-63.5	85.	0.0076	0.0138	0.4308	205.0	6.0
10854.	191.8	-44.2	46.1	46.2	-63.9	85.	0.0076	0.0128	0.4282	204.0	6.0
10923.	189.7	-44.2	46.1	46.2	-64.3	85.	0.0076	0.0118	0.4256	203.0	6.0
10992.	187.6	-44.2	46.1	46.2	-64.7	85.	0.0076	0.0108	0.4230	202.0	6.0
11062.	185.5	-44.2	46.1	46.2	-65.1	85.	0.0076	0.0098	0.4204	201.0	6.0
11132.	183.4	-44.2	46.1	46.2	-65.5	85.	0.0076	0.0088	0.4178	200.0	6.0
11202.	181.3	-44.2	46.1	46.2	-65.9	85.	0.0076	0.0078	0.4152	199.0	6.0
11273.	179.2	-44.2	46.1	46.2	-66.3	85.	0.0076	0.0068	0.4126	198.0	6.0
11343.	177.1	-44.2	46.1	46.2	-66.7	85.	0.0076	0.0058	0.4100	197.0	6.0
11414.	175.0	-44.2	46.1	46.2	-67.1	85.	0.0076	0.0048	0.4074	196.0	6.0
11485.	172.9	-44.2	46.1	46.2	-67.5	85.	0.0076	0.0038	0.4048	195.0	6.0
11557.	170.8	-44.2	46.1	46.2	-67.9	85.	0.0076	0.0028	0.4022	194.0	6.0
11628.	168.7	-44.2	46.1	46.2	-68.3	85.	0.0076	0.0018	0.3996	193.0	6.0
11700.	166.6	-44.2	46.1	46.2	-68.7	85.	0.0076	0.0008	0.3970	192.0	6.0
11772.	164.5	-44.2	46.1	46.2	-69.1	85.	0.0076	0.0000	0.3944	191.0	6.0
11844.	162.4	-44.2	46.1	46.2	-69.5	85.	0.0076	0.0000	0.3918	190.0	6.0
11916.	160.3	-44.2	46.1	46.2	-69.9	85.	0.0076	0.0000	0.3892	189.0	6.0
11988.	158.2	-44.2	46.1	46.2	-70.3	85.	0.0076	0.0000	0.3866	188.0	6.0
12060.	156.1	-44.2	46.1	46.2	-70.7	85.	0.0076	0.0000	0.3840	187.0	6.0
12132.	154.0	-44.2	46.1	46.2	-71.1	85.	0.0076	0.0000	0.3814	186.0	6.0
12204.	151.9	-44.2	46.1	46.2	-71.5	85.	0.0076	0.0000	0.3788	185.0	6.0
12276.	149.8	-44.2	46.1	46.2	-71.9	85.	0.0076	0.0000	0.3762	184.0	6.0
12348.	147.7	-44.2	46.1	46.2	-72.3	85.	0.0076	0.0000	0.3736	183.0	6.0
12420.	145.6	-44.2	46.1	46.2	-72.7	85.	0.0076	0.0000	0.3710	182.0	6.0
12492.	143.5	-44.2	46.1	46.2	-73.1	85.	0.0076	0.0000	0.3684	181.0	6.0
12564.	141.4	-44.2	46.1	46.2	-73.5	85.	0.0076	0.0000	0.3658	180.0	6.0
12636.	139.3	-44.2	46.1	46.2	-73.9	85.	0.0076	0.0000	0.3632	179.0	6.0
12708.	137.2	-44.2	46.1	46.2	-74.3	85.	0.0076	0.0000	0.3606	178.0	6.0
12780.	135.1	-44.2	46.1	46.2	-74.7	85.	0.0076	0.0000	0.3580	177.0	6.0
12852.	133.0	-44.2	46.1	46.2	-75.1	85.	0.0076	0.0000	0.3554	176.0	6.0
12924.	130.9	-44.2	46.1	46.2	-75.5	85.	0.0076	0.0000	0.3528	175.0	6.0
12996.	128.8	-44.2	46.1	46.2	-75.9	85.	0.0076	0.0000	0.3502	174.0	6.0
13068.	126.7	-44.2	46.1	46.2	-76.3	85.	0.0076	0.0000	0.3476	173.0	6.0
13140.	124.6	-44.2	46.1	46.2	-76.7	85.	0.0076	0.0000	0.3450	172.0	6.0
13212.	122.5	-44.2	46.1	46.2	-77.1	85.	0.0076	0.0000	0.3424	171.0	6.0
13284.	120.4	-44.2	46.1	46.2	-77.5	85.	0.0076	0.0000	0.3398	170.0	6.0
13356.	118.3	-44.2	46.1	46.2	-77.9	85.	0.0076	0.0000	0.3372	169.0	6.0
13428.	116.2	-44.2	46.1	46.2	-78.3	85.	0.0076	0.0000	0.3346	168.0	6.0
13500.	114.1	-44.2	46.1	46.2	-78.7	85.	0.0076	0.0000	0.3320	167.0	6.0
13572.	112.0	-44.2	46.1	46.2	-79.1	85.	0.0076	0.0000	0.3294	166.0	6.0
13644.	109.9	-44.2	46.1	46.2	-79.5	85.	0.0076	0.0000	0.3268	165.0	6.0
13716.	107.8	-44.2	46.1	46.2	-79.9	85.	0.0076	0.0000	0.3242	164.0	6.0
13788.	105.7	-44.2	46.1	46.2	-80.3	85.	0.0076	0.0000	0.3216	163.0	6.0
13860.	103.6	-44.2	46.1	46.2	-80.7	85.	0.0076	0.0000	0.3190	162.0	6.0
13932.	101.5	-44.2	46.1	46.2	-81.1	85.	0.0076	0.0000	0.3164	161.0	6.0
14004.	99.4	-44.2	46.1	46.2	-81.5	85.	0.0076	0.0000	0.3138	160.0	6.0
14076.	97.3	-44.2	46.1	46.2	-81.9	85.	0.0076	0.0000	0.3112	159.0	6.0
14148.	95.2	-44.2	46.1	46.2	-82.3	85.	0.0076	0.0000	0.3086	158.0	6.0
14220.	93.1	-44.2	46.1	46.2	-82.7	85.	0.0076	0.0000	0.3060	157.0	6.0
14292.	91.0	-44.2	46.1	46.2	-83.1	85.	0.0076	0.0000	0.3034	156.0	6.0
14364.	88.9	-44.2	46.1	46.2	-83.5	85.	0.0076	0.0000	0.3008	155.0	6.0
14436.	86.8	-44.2	46.1	46.2	-83.9	85.	0.0076	0.0000	0.2982	154.0	6.0
14508.	84.7	-44.2	46.1	46.2	-84.3	85.	0.0076	0.0000	0.2956	153.0	6.0
14580.	82.6	-44.2	46.1	46.2	-84.7	85.	0.0076	0.0000	0.2930	152.0	6.0
14652.	80.5	-44.2	46.1	46.2	-85.1	85.	0.0076	0.0000	0.2904	151.0	6.0
14724.	78.4	-44.2	46.1	46.2	-85.5	85.	0.0076	0.0000	0.2878	150.0	6.0
14796.	76.3	-44.2	46.1	46.2	-85.9	85.	0.0076	0.0000	0.2852	149.0	6.0
14868.	74.2	-44.2	46.1	46.2	-86.3	85.	0.0076	0.0000	0.2826	148.0	6.0
14940.	72.1	-44.2	46.1	46.2	-86.7	85.	0.0076	0.0000	0.2800	147.0	6.0
15012.	70.0	-44.2	46.1	46.2	-87.1	85.	0.0076	0.0000	0.2774	146.0	6.0
15084.	67.9	-44.2	46.1	46.2	-87.5	85.	0.0076	0.0000	0.2748	145.0	6.0
15156.	65.8	-44.2	46.1	46.2	-87.9	85.	0.0076	0.0000	0.2722	144.0	6.0
15228.	63.7	-44.2	46.1	46.2	-88.3	85.	0.0076	0.0000	0.2696	143.0	6.0
15300.	61.6	-44.2	46.1	46.2	-88.7	85.	0.0076	0.0000	0.2670	142.0	6.0
15372.	59.5	-44.2	46.1	46.2	-89.1	85.	0.0076	0.0000	0.2644	141.0	6.0
15444.	57.4	-44.2	46.1	46.2	-89.5	85.	0.0076	0.0000	0.2618	140.0	6.0
15516.	55.3	-44.2	46.1	46.2	-89.9	85.	0.0076	0.0000	0.2592	139.0	6.0
15588.	53.2	-44.2	46.1	46.2	-90.3	85.	0.0076	0.0000	0.2566	138.0	6.0
15660.	51.1	-44.2	46.1	46.2	-90.7	85.	0.0076	0.0000	0.2540	137.0	6.0
15732.	49.0	-44.2	46.1	46.2	-91.1	85.	0.0076	0.0000	0.2514	136.0	6.0
15804.	46.9	-44.2	46.1	46.2	-91.5	85.	0.0076	0.0000	0.2488	135.0	6.0
15876.	44.8	-44.2	46.1	46.2	-91.9	85.	0.0076	0.0000	0.2462	134.0	6.0
15948.	42.7	-44.2	46.1	46.2	-92.3	85.	0.0076	0.0000	0.2436	133.0	6.0
16020.	40.6	-44.2	46.1	46.2	-92.7	85.	0.0076	0.0000	0.2410	132.0	6.0
16092.	38.5	-44.2	46.1	46.2	-93.1	85.	0.0076	0.0000	0.2384	131.0	6.0
16164.	36.4	-44.2	46.1	46.2	-93.5	85.	0.0076	0.0000	0.2358	130.0	6.0
16236.	34.3	-44.2	46.1	46.2	-93.9	85.	0.0076	0.0000	0.2332	129.0	6.0
16308.	32.2	-44.2	46.1	46.2	-94.3	85.	0.0076	0.0000	0.2306	128.0	6.0
16380.	30.1	-44.2	46.1	46.2	-94.7	85.	0.0076	0.0000	0.2280	127.0	6.0
16452.	28.0	-44.2	46.1	46.2	-95.1	85.	0.0076	0.0000	0.2254	126.0	6.0
16524.	25.9	-44.2	46.1	46.2	-95.5	85.	0.0076	0.0000	0.2228	125.0	6.0
16596.	23.8	-44.2	46.1	46.2	-95.9	85.	0.0076	0.0000	0.2202	124.0	6.0
16668.	21.7	-44.2	46.1	46.2	-96.3	85.	0.0076	0.0000	0.2176	123.0	6.0
16740.	19.6	-44.2	46.1	46.2	-96.7	85.	0.0076	0.0000	0.2150	122.0	6.0
16812.	17.5	-44.2	46.1	46.2	-97.1	85.	0.0076	0.0000	0.2124	121.0	6.0
16884.	15.4	-44.2	46.1	46.2	-97.5	85.	0.0076	0.0000	0.2098	120.0	6.0
16956.	13.3	-44.2	46.1	46.2	-97.9	85.	0.0076	0.0000	0.2072	119.0	6.0
17028.	11.2	-44.2	46.1	46.2	-98.3	85.	0.0076	0.0000	0.2046	118.0	6.0
17100.	9.1	-44.2	46.1	46.2	-98.7	85.	0.0076	0.0000	0.2020	117.0	6.0
17172.	7.0	-44.2	46.1	46.2	-99.1	85.	0.0076	0.0000	0.1994	116.0	6.0
17244.	4.9	-44.2	46.1	46.2	-99.5	85.	0.0076	0.0000	0.1968	115.0	6.0
17316.	2.8	-44.2	46.1	46.2	-99.9	85.	0.0076	0.0000	0.1942	114.0	6.0
17388.	0.7	-44.2	46.1	46.2	-100.3	85.	0.0076	0.0000	0.1916	113.0	6.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11[illegible]	[illegible]	-58.[illegible]	71.[illegible]	73.[illegible]	-60.2	85.	[illegible].0106	0.0107	0.1023	263.0	18.4
11[illegible]	[illegible]	-58.[illegible]	73.[illegible]	74.[illegible]	-60.4	85.	[illegible].0104	0.0106	0.1006	262.0	18.6
11[illegible]	[illegible]	-58.[illegible]	74.[illegible]	74.[illegible]	-60.5	85.	[illegible].0101	0.0102	0.2986	262.0	19.2
12027.	[illegible].1	-59.[illegible]	75.[illegible]	75.[illegible]	-60.7	85.	[illegible].0105	0.0107	0.2962	262.0	19.3
12[illegible]	[illegible]	-58.[illegible]	76.[illegible]	76.[illegible]	-60.[illegible]	85.	[illegible].0108	0.0110	0.2940	262.0	19.7
12098.	172.1	-58.[illegible]	77.[illegible]	77.[illegible]	-59.[illegible]	85.	[illegible].0111	0.0113	0.2916	262.0	20.1
12[illegible]	172.4	-58.[illegible]	77.[illegible]	77.[illegible]	-59.[illegible]	85.	[illegible].0111	0.0113	0.2897	262.0	20.4
12[illegible]	172.1	-58.[illegible]	78.[illegible]	78.[illegible]	-59.7	85.	[illegible].0112	0.0114	0.2874	262.0	20.8
12[illegible]	172.[illegible]	-58.[illegible]	78.[illegible]	78.[illegible]	-59.[illegible]	85.	[illegible].0114	0.0116	0.2854	263.0	21.1
12267.	174.[illegible]	-58.[illegible]	79.[illegible]	80.7	-59.[illegible]	85.	[illegible].0117	0.0119	0.2831	263.0	21.4
12[illegible]	173.7	-58.1	81.4	81.4	-59.3	85.	[illegible].0119	0.0120	0.2814	263.0	21.6
12[illegible]	176.[illegible]	-58.[illegible]	82.[illegible]	82.[illegible]	-59.2	85.	[illegible].0120	0.0122	0.2795	263.0	21.9
12567.	171.4	-60.1	83.7	83.[illegible]	-59.3	85.	[illegible].0118	0.0120	0.2777	264.0	22.2
12625.	17[illegible]	-58.[illegible]	84.[illegible]	84.[illegible]	-59.[illegible]	85.	[illegible].0118	0.0120	0.2760	264.0	22.4
12684.	18[illegible]	-58.[illegible]	84.[illegible]	84.[illegible]	-59.[illegible]	85.	[illegible].0120	0.0122	0.2741	264.0	22.6
12[illegible]	18[illegible]	-57.[illegible]	84.[illegible]	84.[illegible]	-59.1	85.	[illegible].0122	0.0123	0.2724	264.0	22.7
12[illegible]	167.[illegible]	-57.[illegible]	84.[illegible]	84.[illegible]	-58.[illegible]	85.	[illegible].0125	0.0127	0.2705	264.0	22.9
12[illegible]	168.[illegible]	-57.4	87.1	87.1	-58.6	85.	[illegible].0130	0.0131	0.2684	264.0	22.9
12[illegible]	166.[illegible]	-57.[illegible]	88.[illegible]	88.[illegible]	-58.[illegible]	85.	[illegible].0137	0.0138	0.2663	264.0	23.0
12[illegible]	164.1	-58.[illegible]	89.4	89.4	-58.[illegible]	85.	[illegible].0141	0.0142	0.2642	264.0	23.1
12[illegible]	163.[illegible]	-58.[illegible]	90.[illegible]	90.[illegible]	-58.[illegible]	85.	[illegible].0141	0.0142	0.2625	264.0	23.2
12[illegible]	161.[illegible]	-58.[illegible]	90.[illegible]	90.[illegible]	-58.[illegible]	85.	[illegible].0141	0.0142	0.2607	264.0	23.2
12756.	160.[illegible]	-58.[illegible]	91.4	91.4	-58.[illegible]	85.	[illegible].0141	0.0142	0.2591	264.0	23.2
12[illegible]	159.7	-58.[illegible]	92.[illegible]	92.[illegible]	-58.[illegible]	85.	[illegible].0141	0.0142	0.2572	263.0	23.3
12873.	159.7	-56.[illegible]	93.[illegible]	93.[illegible]	-57.8	85.	[illegible].0143	0.0144	0.2554	263.0	23.2
12[illegible]	157.7	-56.7	94.[illegible]	94.[illegible]	-57.8	85.	[illegible].0143	0.0144	0.2538	263.0	23.3
12955.	156.7	-56.7	94.4	94.4	-57.8	85.	[illegible].0147	0.0144	0.2522	263.0	23.4
12994.	155.[illegible]	-56.[illegible]	95.[illegible]	95.[illegible]	-57.[illegible]	85.	[illegible].0147	0.0144	0.2508	263.0	23.4
13036.	154.[illegible]	-56.[illegible]	95.[illegible]	95.[illegible]	-58.[illegible]	85.	[illegible].0141	0.0142	0.2493	263.0	23.5
13071.	153.[illegible]	-56.[illegible]	96.1	96.2	-58.[illegible]	85.	[illegible].0141	0.0142	0.2477	263.0	23.5
13116.	152.[illegible]	-56.[illegible]	96.6	96.6	-58.1	85.	[illegible].0139	0.0140	0.2463	263.0	23.6
13159.	151.[illegible]	-56.[illegible]	97.2	97.2	-58.1	85.	[illegible].0139	0.0140	0.2447	263.0	23.7
13141.	150.[illegible]	-56.[illegible]	98.[illegible]	98.[illegible]	-58.1	85.	[illegible].0139	0.0140	0.2431	264.0	23.8
13225.	149.[illegible]	-56.[illegible]	98.[illegible]	98.[illegible]	-58.1	85.	[illegible].0139	0.0140	0.2417	264.0	23.9
13267.	148.1	-56.[illegible]	99.4	99.4	-58.0	85.	[illegible].0141	0.0142	0.2401	264.0	24.1
13301.	148.[illegible]	-56.[illegible]	1[illegible].[illegible]	100.[illegible]	-58.[illegible]	85.	[illegible].0141	0.0142	0.2388	265.0	24.3
13342.	147.4	-56.7	1[illegible].7	101.8	-57.9	85.	[illegible].0143	0.0144	0.2372	265.0	24.5
13378.	146.5	-56.6	1[illegible].7	101.7	-57.8	85.	[illegible].0145	0.0146	0.2357	265.0	24.7
13417.	145.6	-56.[illegible]	1[illegible].[illegible]	102.[illegible]	-57.8	85.	[illegible].0145	0.0146	0.2342	265.0	24.9
13457.	144.7	-56.[illegible]	1[illegible].[illegible]	103.[illegible]	-57.8	85.	[illegible].0145	0.0146	0.2328	265.0	25.1
13496.	143.[illegible]	-56.[illegible]	1[illegible].[illegible]	103.[illegible]	-57.7	85.	[illegible].0147	0.0147	0.2312	265.0	25.4
13535.	142.[illegible]	-56.[illegible]	1[illegible].[illegible]	104.[illegible]	-57.4	85.	[illegible].0153	0.0153	0.2295	265.0	25.6
13576.	140.[illegible]	-56.1	1[illegible].[illegible]	105.[illegible]	-57.[illegible]	85.	[illegible].0154	0.0155	0.2279	265.0	25.9
13616.	141.1	-56.[illegible]	1[illegible].[illegible]	106.[illegible]	-57.2	85.	[illegible].0156	0.0157	0.2264	265.0	26.1
13657.	140.[illegible]	-56.[illegible]	1[illegible].4	107.[illegible]	-57.[illegible]	85.	[illegible].0156	0.0157	0.2249	265.0	26.4
13694.	139.[illegible]	-56.[illegible]	1[illegible].1	108.2	-57.[illegible]	85.	[illegible].0156	0.0157	0.2235	265.0	26.6
13735.	138.[illegible]	-56.1	1[illegible].[illegible]	108.8	-57.[illegible]	85.	[illegible].0154	0.0155	0.2223	265.0	26.8
13771.	137.7	-56.1	1[illegible].[illegible]	109.[illegible]	-57.[illegible]	85.	[illegible].0154	0.0155	0.2210	264.0	27.0
13813.	136.[illegible]	-56.[illegible]	1[illegible].[illegible]	110.[illegible]	-57.4	85.	[illegible].0152	0.0153	0.2197	264.0	27.1
13850.	135.[illegible]	-56.[illegible]	1[illegible].[illegible]	110.[illegible]	-57.[illegible]	85.	[illegible].0150	0.0151	0.2185	264.0	27.2
13892.	135.1	-56.4	1[illegible].[illegible]	110.[illegible]	-57.6	85.	[illegible].0148	0.0149	0.2171	264.0	27.4
13934.	134.2	-56.4	111.5	111.5	-57.6	85.	[illegible].0148	0.0149	0.2157	264.0	27.4
13976.	133.4	-56.[illegible]	112.[illegible]	112.4	-57.5	85.	[illegible].0150	0.0151	0.2143	264.0	27.5
14011.	132.6	-56.[illegible]	113.[illegible]	113.[illegible]	-57.4	85.	[illegible].0152	0.0153	0.2129	263.0	27.6
14054.	131.7	-56.1	114.1	114.1	-57.3	85.	[illegible].0154	0.0155	0.2114	263.0	27.6
14094.	130.[illegible]	-56.1	114.[illegible]	114.[illegible]	-57.3	85.	[illegible].0154	0.0155	0.2101	263.0	27.6
14131.	130.1	-56.1	115.5	115.5	-57.3	85.	[illegible].0154	0.0155	0.2088	263.0	27.5
14174.	129.[illegible]	-56.[illegible]	116.[illegible]	116.[illegible]	-57.4	85.	[illegible].0152	0.0153	0.2076	262.0	27.5
14215.	128.[illegible]	-56.[illegible]	116.[illegible]	116.[illegible]	-57.4	85.	[illegible].0152	0.0153	0.2062	262.0	27.4
14254.	127.[illegible]	-56.[illegible]	117.[illegible]	117.[illegible]	-57.4	85.	[illegible].0152	0.0153	0.2049	262.0	27.3
14334.	126.[illegible]	-56.1	118.[illegible]	118.[illegible]	-57.3	85.	[illegible].0154	0.0155	0.2032	262.0	27.2
14334.	126.[illegible]	-56.1	119.1	119.[illegible]	-57.3	85.	[illegible].0154	0.0155	0.2021	262.0	27.2
14380.	125.1	-56.1	120.1	120.1	-57.2	85.	[illegible].0156	0.0157	0.2007	263.0	27.1
14421.	124.[illegible]	-56.1	120.[illegible]	120.[illegible]	-57.[illegible]	85.	[illegible].0154	0.0155	0.1995	263.0	27.1
14462.	123.[illegible]	-56.1	121.[illegible]	121.[illegible]	-57.[illegible]	85.	[illegible].0154	0.0155	0.1982	263.0	27.0
14504.	122.[illegible]	-56.[illegible]	122.[illegible]	122.[illegible]	-57.2	85.	[illegible].0156	0.0157	0.1967	263.0	27.0
14544.	121.7	-55.[illegible]	123.1	123.2	-57.1	85.	[illegible].0158	0.0159	0.1955	264.0	26.9
14586.	121.1	-55.[illegible]	124.1	124.1	-57.[illegible]	85.	[illegible].0161	0.0161	0.1941	264.0	27.0
14628.	120.[illegible]	-55.[illegible]	124.[illegible]	124.[illegible]	-57.0	85.	[illegible].0161	0.0161	0.1928	264.0	27.0
14671.	119.5	-55.[illegible]	125.4	125.4	-57.1	85.	[illegible].0158	0.0159	0.1916	265.0	27.1
14708.	118.8	-55.9	126.1	126.1	-57.1	85.	[illegible].0158	0.0159	0.1905	265.0	27.2
14751.	118.[illegible]	-55.[illegible]	126.[illegible]	126.[illegible]	-57.1	85.	[illegible].0158	0.0159	0.1892	265.0	27.3
14786.	117.3	-55.7	127.5	127.5	-57.1	85.	[illegible].0158	0.0159	0.1881	266.0	27.3
14832.	116.[illegible]	-55.[illegible]	128.[illegible]	128.[illegible]	-57.1	85.	[illegible].0158	0.0159	0.1868	266.0	27.4
14870.	115.7	-56.1	128.7	128.7	-57.3	85.	[illegible].0154	0.0155	0.1857	266.0	27.6
14914.	115.[illegible]	-56.3	129.1	129.1	-57.5	85.	[illegible].0150	0.0151	0.1848	266.0	27.7
14955.	114.3	-56.4	129.6	129.6	-57.6	85.	[illegible].0148	0.0149	0.1837	267.0	27.8
14992.	113.6	-56.7	129.7	129.7	-57.9	85.	[illegible].0143	0.0144	0.1828	266.0	28.0
15031.	112.9	-56.9	130.1	130.1	-58.1	85.	[illegible].0139	0.0140	0.1819	266.0	28.3
15070.	112.2	-57.1	130.4	130.4	-58.3	85.	[illegible].0135	0.0137	0.1809	265.0	28.3
15110.	111.[illegible]	-56.[illegible]	131.[illegible]	131.[illegible]	-58.[illegible]	85.	[illegible].0141	0.0142	0.1795	265.0	28.6
15150.	110.[illegible]	-56.[illegible]	132.[illegible]	132.[illegible]	-57.7	85.	[illegible].0147	0.0147	0.1782	265.0	28.8
15184.	110.2	-56.5	132.[illegible]	132.[illegible]	-57.5	85.	[illegible].0150	0.0151	0.1770	264.0	29.0
15226.	109.[illegible]	-56.[illegible]	133.[illegible]	133.[illegible]	-57.4	85.	[illegible].0152	0.0153	0.1758	264.0	29.3
15266.	108.8	-56.2	133.7	133.7	-57.4	85.	[illegible].0152	0.0153	0.1747	263.0	29.6
15306.	108.1	-56.2	134.4	134.4	-57.4	85.	[illegible].0152	0.0153	0.1736	263.0	29.8
15341.	107.5	-56.4	134.7	134.7	-57.6	85.	[illegible].0148	0.0149	0.1728	262.0	30.2
15383.	106.8	-56.[illegible]	135.3	135.3	-57.7	85.	[illegible].0147	0.0147	0.1717	262.0	30.5
15425.	106.1	-56.5	136.1	136.1	-57.7	85.	[illegible].0147	0.0147	0.1706	261.0	30.7
15466.	105.5	-56.[illegible]	136.7	136.7	-57.7	85.	[illegible].0147	0.0147	0.1697	261.0	31.0
15503.	104.8	-56.4	137.7	137.7	-57.6	85.	[illegible].0148	0.0149	0.1684	260.0	31.1
15545.	104.1	-56.4	140.5	140.5	-57.6	85.	[illegible].0148	0.0149	0.1673	260.0	31.3
15588.	103.4	-56.1	141.[illegible]	141.[illegible]	-57.3	85.	[illegible].0154	0.0155	0.1660	259.0	31.3
15631.	102.7	-56.[illegible]	142.[illegible]	142.[illegible]	-57.2	85.	[illegible].0156	0.0157	0.1648	259.0	31.4
15674.	102.0	-56.[illegible]	143.[illegible]	143.7	-57.2	85.	[illegible].0156	0.0157	0.1636	258.0	31.5
15718.	101.3	-56.1	144.3	144.3	-57.3	85.	[illegible].0154	0.0155	0.1626	258.0	31.5
15762.	100.6	-56.3	144.7	144.7	-57.5	85.	[illegible].0150	0.0151	0.1616	258.0	31.6
15806.	99.9	-56.4	145.4	145.4	-57.6	85.	[illegible].0148	0.0149	0.1606	257.0	31.8
15851.	99.2	-56.6	145.8	145.8	-57.8	85.	[illegible].0145	0.0146	0.1596	257.0	31.7
15922.	98.4	-56.9	146.2	146.2	-58.1	85.	[illegible].0139	0.0140	0.1585	257.0	31.6
15947.	97.7	-57.4	146.1	146.1	-58.6	85.	[illegible].0130	0.0131	0.1578	258.0	31.6
15995.	96.9	-57.8	146.3	146.3	-59.0	85.	[illegible].0123	0.0125	0.1568	258.0	31.5
16045.	96.2	-58.2	146.4	146.4	-59.4	85.	[illegible].0117	0.0119	0.1559	258.0	31.5
16090.	95.5	-58.5	146.7	146.7	-59.7	85.	[illegible].0112	0.0114	0.1550	260.0	31.5
16137.	94.8	-58.8	147.0	147.0	-60.0	85.	[illegible].0108	0.0110	0.1541	261.0	31.5
16183.	94.1	-59.1	147.3	147.3	-60.3	85.	[illegible].0104	0.0106	0.1532	261.0	31.5
16230.	93.4	-59.5	147.4	147.4	-60.7	85.	[illegible].0098	0.0100	0.1523	262.0	31.4
16277.	92.7	-59.8	147.5	147.5	-61.1	85.	[illegible].0093	0.0095	0.1514	263.0	31.5
16317.	92.1	-60.3	147.5	147.5	-61.5	85.	[illegible].0088	0.0090	0.1507	264.0	31.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
16364.	91.4	-60.6	147.6	147.8	-61.8	85.	0.0085	0.0087	0.1498	265.0	31.6
16412.	90.7	-60.5	148.1	148.1	-62.1	85.	0.0081	0.0083	0.1489	264.0	31.8
16460.	90.0	-61.2	148.5	148.5	-62.4	85.	0.0078	0.0080	0.1479	267.0	32.0
16509.	89.3	-61.2	149.4	149.4	-62.4	85.	0.0078	0.0080	0.1468	267.0	32.3
16557.	88.6	-61.1	150.6	150.6	-62.3	85.	0.0079	0.0081	0.1456	268.0	32.5
16606.	87.9	-61.1	151.6	151.6	-62.2	85.	0.0080	0.0082	0.1445	268.0	32.7
16649.	87.3	-61.1	152.4	152.4	-62.3	85.	0.0079	0.0081	0.1434	269.0	33.0
16699.	86.6	-61.4	152.7	152.7	-62.6	85.	0.0078	0.0080	0.1425	269.0	33.2
16742.	86.0	-61.6	153.2	153.2	-62.8	85.	0.0074	0.0076	0.1416	269.0	33.4
16785.	85.4	-61.5	153.6	153.6	-63.0	85.	0.0072	0.0074	0.1408	269.0	33.6
16829.	84.8	-61.3	154.3	154.3	-63.1	85.	0.0071	0.0073	0.1398	269.0	33.8
16873.	84.2	-61.9	155.2	155.2	-63.1	85.	0.0071	0.0073	0.1389	269.0	34.0
16917.	83.6	-61.8	156.1	156.1	-62.7	85.	0.0075	0.0077	0.1376	269.0	34.2
16961.	83.0	-61.8	156.8	156.8	-62.2	85.	0.0080	0.0082	0.1363	269.0	34.4
17006.	82.4	-60.5	160.7	160.7	-61.7	85.	0.0086	0.0088	0.1350	269.0	34.5
17052.	81.8	-60.1	162.4	162.4	-61.3	85.	0.0091	0.0093	0.1338	268.0	34.7
17098.	81.2	-59.9	163.9	163.9	-61.0	85.	0.0094	0.0096	0.1326	268.0	34.9
17152.	80.5	-59.7	165.2	165.2	-60.9	85.	0.0096	0.0098	0.1314	268.0	35.0
17199.	79.9	-59.7	166.1	166.2	-60.9	85.	0.0096	0.0098	0.1304	268.0	35.2
17246.	79.3	-59.6	167.3	167.3	-60.8	85.	0.0097	0.0099	0.1294	267.0	35.3
17293.	78.7	-59.5	168.5	168.5	-60.7	85.	0.0098	0.0100	0.1283	267.0	35.4
17341.	78.1	-59.5	169.4	169.4	-60.7	85.	0.0098	0.0100	0.1274	266.0	35.5
17388.	77.5	-59.6	170.2	170.2	-60.8	85.	0.0097	0.0099	0.1264	266.0	35.8
17437.	76.9	-59.6	171.2	171.2	-60.8	85.	0.0097	0.0099	0.1255	265.0	36.0
17478.	76.4	-59.6	172.0	172.0	-60.8	85.	0.0097	0.0099	0.1246	265.0	36.1
17527.	75.8	-59.6	173.0	173.0	-60.8	85.	0.0097	0.0099	0.1237	265.0	36.3
17577.	75.2	-59.5	174.2	174.3	-60.7	85.	0.0098	0.0100	0.1226	265.0	36.5
17619.	74.7	-59.5	175.1	175.1	-60.7	85.	0.0098	0.0100	0.1218	265.0	36.6
17661.	74.2	-59.4	176.2	176.2	-60.6	85.	0.0100	0.0102	0.1209	265.0	36.9
17711.	73.6	-59.3	177.4	177.4	-60.5	85.	0.0101	0.0103	0.1199	265.0	37.1
17754.	73.1	-59.2	178.5	178.5	-60.4	85.	0.0102	0.0104	0.1190	265.0	37.3
17797.	72.6	-59.0	179.8	179.8	-60.2	85.	0.0105	0.0107	0.1181	265.0	37.4
17840.	72.1	-58.7	181.3	181.4	-59.9	85.	0.0109	0.0111	0.1171	265.0	37.6
17884.	71.6	-58.5	182.7	182.7	-59.7	85.	0.0112	0.0114	0.1162	266.0	37.8
17928.	71.1	-58.2	184.2	184.2	-59.4	85.	0.0117	0.0119	0.1152	266.0	37.9
17972.	70.6	-57.9	185.8	185.8	-59.1	85.	0.0122	0.0123	0.1143	267.0	38.0
18017.	70.1	-57.6	187.4	187.4	-58.8	85.	0.0127	0.0128	0.1133	267.0	38.1
18062.	69.6	-57.3	188.9	188.9	-58.7	85.	0.0128	0.0130	0.1124	268.0	38.3
18099.	69.2	-57.4	189.8	189.8	-58.6	85.	0.0131	0.0131	0.1117	265.0	38.4
18144.	68.7	-57.4	190.8	190.8	-58.6	85.	0.0131	0.0131	0.1109	263.0	38.5
18190.	68.2	-57.3	191.8	191.7	-58.5	85.	0.0132	0.0133	0.1101	263.0	38.6
18237.	67.7	-57.4	192.4	192.4	-58.6	85.	0.0131	0.0131	0.1093	263.0	38.7
18284.	67.2	-57.4	193.4	193.4	-58.6	85.	0.0130	0.0131	0.1085	263.0	38.8
18340.	66.6	-57.3	194.8	194.8	-58.5	85.	0.0132	0.0133	0.1075	264.0	39.0
18388.	66.1	-57.2	196.0	196.1	-58.4	85.	0.0134	0.0135	0.1066	264.0	39.1
18436.	65.6	-57.1	196.8	196.8	-58.5	85.	0.0132	0.0133	0.1059	264.0	39.3
18484.	65.1	-57.0	197.4	197.4	-58.7	85.	0.0128	0.0130	0.1052	265.0	39.5
18532.	64.6	-57.0	197.9	197.9	-58.8	85.	0.0125	0.0126	0.1045	265.0	39.6
18581.	64.1	-56.9	198.6	198.6	-59.4	85.	0.0117	0.0119	0.1039	265.0	40.1
18630.	63.6	-56.7	198.4	198.4	-59.7	85.	0.0112	0.0114	0.1032	264.0	40.4
18678.	63.2	-56.8	198.5	198.5	-60.0	85.	0.0108	0.0110	0.1027	267.0	40.6
18730.	62.6	-56.6	199.6	199.6	-60.1	85.	0.0107	0.0108	0.1018	267.0	40.7
18780.	62.1	-59.0	200.5	201.5	-60.2	85.	0.0105	0.0107	0.1010	266.0	41.1
18831.	61.6	-59.0	201.6	201.6	-60.2	85.	0.0105	0.0107	0.1002	266.0	41.4
18880.	61.1	-59.0	202.7	202.7	-60.2	85.	0.0105	0.0107	0.0994	266.0	41.6
18929.	60.7	-59.0	203.5	203.5	-60.1	85.	0.0107	0.0108	0.0987	266.0	41.7
18975.	60.2	-58.9	204.5	204.5	-60.0	85.	0.0108	0.0110	0.0978	266.0	42.0
19018.	59.8	-58.7	205.2	205.2	-59.9	85.	0.0109	0.0111	0.0972	266.0	42.1
19058.	59.4	-58.7	205.7	205.7	-59.9	85.	0.0109	0.0111	0.0965	266.0	42.2
19101.	59.0	-58.7	206.3	206.3	-59.9	85.	0.0109	0.0111	0.0958	266.0	42.4
19143.	58.6	-58.6	206.9	206.9	-59.8	85.	0.0111	0.0113	0.0952	266.0	42.5
19188.	58.2	-58.4	207.7	207.7	-59.6	85.	0.0114	0.0116	0.0944	266.0	42.6
19233.	57.8	-58.4	208.4	208.4	-59.6	85.	0.0114	0.0116	0.0938	266.0	42.8
19273.	57.4	-58.5	209.0	209.0	-59.7	85.	0.0111	0.0114	0.0932	266.0	42.9
19317.	57.0	-58.6	209.7	209.7	-59.8	85.	0.0111	0.0113	0.0926	266.0	43.0
19360.	56.7	-58.6	210.3	210.3	-59.8	85.	0.0111	0.0113	0.0921	266.0	43.1
19385.	56.5	-58.4	210.7	211.1	-59.6	85.	0.0114	0.0116	0.0913	266.0	43.4
19438.	55.9	-58.1	211.7	211.7	-59.4	85.	0.0117	0.0120	0.0906	266.0	43.4
19477.	55.6	-57.9	212.3	212.3	-59.1	85.	0.0123	0.0125	0.0900	265.0	43.5
19514.	55.2	-57.8	212.9	213.0	-59.0	85.	0.0125	0.0126	0.0893	265.0	43.7
19556.	54.8	-57.8	213.6	213.6	-59.0	85.	0.0125	0.0126	0.0887	265.0	43.8
19611.	54.4	-57.8	214.7	214.7	-59.1	85.	0.0123	0.0123	0.0881	265.0	44.0
19657.	54.0	-57.9	215.4	215.4	-59.1	85.	0.0123	0.0123	0.0874	265.0	44.1
19704.	53.6	-57.7	216.0	216.0	-58.9	85.	0.0126	0.0126	0.0867	265.0	44.2
19751.	53.2	-57.6	216.7	216.7	-58.7	85.	0.0130	0.0130	0.0860	264.0	44.1
19794.	52.8	-57.4	217.4	217.4	-58.5	85.	0.0137	0.0137	0.0853	264.0	44.2
19847.	52.4	-57.6	218.3	218.3	-58.6	85.	0.0132	0.0133	0.0846	264.0	41.9
19895.	52.0	-57.5	218.9	218.9	-58.4	85.	0.0134	0.0135	0.0839	265.0	41.8
19944.	51.6	-57.4	219.6	219.7	-58.3	85.	0.0136	0.0137	0.0832	265.0	41.8
19995.	51.2	-57.1	220.1	220.1	-58.1	85.	0.0137	0.0137	0.0826	265.0	41.6
20050.	50.7	-57.1	220.8	220.8	-58.3	85.	0.0136	0.0137	0.0818	265.0	41.6
20100.	50.3	-57.1	221.4	221.4	-58.3	85.	0.0136	0.0137	0.0811	265.0	41.4
20150.	49.9	-57.1	222.0	222.0	-58.3	85.	0.0136	0.0137	0.0805	265.0	41.2
20199.	49.4	-57.2	222.7	222.7	-58.3	85.	0.0137	0.0138	0.0798	265.0	41.1
20247.	49.0	-57.2	223.3	223.3	-58.3	85.	0.0141	0.0142	0.0792	265.0	41.1
20296.	48.6	-57.2	224.0	224.0	-58.3	85.	0.0145	0.0146	0.0782	265.0	41.0
20345.	48.2	-57.2	224.7	224.7	-58.3	85.	0.0145	0.0146	0.0776	265.0	40.9
20394.	47.8	-57.2	225.3	225.3	-58.3	85.	0.0141	0.0142	0.0771	265.0	40.8
20443.	47.4	-57.1	225.9	226.0	-58.3	85.	0.0136	0.0137	0.0764	265.0	40.8
20493.	47.0	-57.1	226.6	226.6	-58.3	85.	0.0133	0.0133	0.0759	265.0	40.7
20543.	46.7	-57.1	227.2	227.2	-58.3	85.	0.0130	0.0131	0.0754	265.0	40.6
20592.	46.3	-57.0	227.8	227.8	-58.2	85.	0.0128	0.0129	0.0748	265.0	40.5
20642.	45.9	-57.0	228.4	228.4	-58.2	85.	0.0125	0.0125	0.0742	265.0	40.4
20692.	45.6	-57.0	229.1	229.1	-58.2	85.	0.0125	0.0125	0.0736	265.0	40.4
20742.	45.2	-57.0	229.7	229.7	-58.2	85.	0.0122	0.0122	0.0732	265.0	40.4
20792.	44.8	-57.0	230.3	230.3	-58.2	85.	0.0119	0.0120	0.0727	265.0	40.4
20843.	44.5	-57.1	231.0	231.0	-58.3	85.	0.0119	0.0120	0.0721	265.0	40.4
20893.	44.1	-57.1	231.6	231.6	-58.3	85.	0.0122	0.0123	0.0716	265.0	40.4
20944.	43.8	-57.1	232.2	232.2	-58.3	85.	0.0119	0.0120	0.0711	265.0	40.4
20994.	43.5	-57.1	232.8	232.8	-58.3	85.	0.0117	0.0117	0.0705	265.0	40.4
21045.	43.2	-57.1	233.4	233.4	-58.3	85.	0.0117	0.0117	0.0701	265.0	40.4
21096.	42.8	-57.1	234.1	234.1	-58.3	85.	0.0117	0.0117	0.0694	265.0	40.4
21147.	42.5	-57.1	234.7	234.7	-58.3	85.	0.0117	0.0117	0.0689	265.0	40.4
21197.	42.1	-57.1	235.3	235.3	-58.4	85.	0.0117	0.0118	0.0682	265.0	40.4
21248.	41.8	-57.1	235.9	235.9	-58.4	85.	0.0117	0.0118	0.0678	265.0	40.4
21298.	41.4	-57.1	236.6	236.7	-58.4	85.	0.0117	0.0118	0.0671	265.0	40.4
21347.	41.1	-57.1	237.2	237.2	-58.4	85.	0.0117	0.0117	0.0667	265.0	40.4
21396.	40.7	-57.1	237.8	237.8	-58.4	85.	0.0117	0.0117	0.0662	264.0	40.4
21446.	40.4	-57.1	238.4	238.4	-58.4	85.	0.0117	0.0117	0.0656	264.0	40.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
21546.	40.0	-58.3	265.6	265.7	-59.5	85.	0.0115	0.0117	0.0649	264.0	40.1
21595.	39.7	-58.3	266.8	266.9	-59.5	85.	0.0115	0.0117	0.0644	265.0	40.1
21643.	39.4	-58.4	267.7	267.8	-59.6	85.	0.0114	0.0116	0.0639	266.0	40.2
21707.	39.0	-58.8	268.3	268.3	-60.0	85.	0.0106	0.0110	0.0634	266.0	40.3
21755.	38.7	-59.1	268.7	268.8	-60.3	85.	0.0104	0.0106	0.0630	267.0	40.4
21820.	38.3	-59.5	269.3	269.4	-60.7	85.	0.0098	0.0101	0.0625	267.0	40.5
21865.	38.0	-59.8	269.8	269.8	-61.0	85.	0.0094	0.0096	0.0621	268.0	40.7
21919.	37.7	-60.0	270.5	270.5	-61.2	85.	0.0092	0.0094	0.0616	268.0	41.0
21985.	37.3	-59.8	273.2	273.2	-60.8	85.	0.0097	0.0099	0.0609	269.0	41.2
22036.	37.0	-59.3	275.2	275.3	-60.5	85.	0.0101	0.0103	0.0603	269.0	41.4
22087.	36.7	-59.3	276.5	276.5	-60.5	85.	0.0101	0.0103	0.0598	270.0	41.5
22138.	36.4	-59.5	277.3	277.3	-60.7	85.	0.0098	0.0100	0.0594	270.0	41.7
22190.	36.1	-59.8	277.8	277.8	-61.0	85.	0.0094	0.0096	0.0590	270.0	41.9
22242.	35.8	-60.0	278.6	278.6	-61.2	85.	0.0092	0.0094	0.0585	269.0	41.9
22312.	35.4	-60.2	279.8	279.9	-61.4	85.	0.0089	0.0092	0.0579	269.0	42.0
22365.	35.1	-60.4	280.7	280.7	-61.6	85.	0.0087	0.0089	0.0575	269.0	42.0
22418.	34.8	-60.5	281.8	281.8	-61.7	85.	0.0086	0.0088	0.0570	269.0	42.0
22472.	34.5	-60.7	282.6	282.7	-61.9	85.	0.0084	0.0086	0.0566	269.0	42.0
22526.	34.2	-60.9	283.5	283.5	-62.1	85.	0.0081	0.0083	0.0561	269.0	41.9
22581.	33.9	-61.0	284.6	284.7	-62.2	85.	0.0080	0.0082	0.0557	268.0	41.8
22617.	33.7	-61.0	285.6	285.6	-62.2	85.	0.0080	0.0082	0.0553	269.0	41.7

SOUNDING 55.0
LATITUDE -60.1 LONGITUDE 0.2
DATE 11-11-81 TIME 1135 GMT
NUMBER OF LEVELS 641

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1005.4	1.6	1.1	1.7	-1.1	83.	5.6768	4.5209	1.2797	340.0	9.0
34.	1001.2	0.3	0.2	0.7	-2.2	83.	5.2362	4.1641	1.2796	340.0	8.9
69.	996.8	-0.1	0.4	0.9	-2.4	83.	5.1312	4.1071	1.2749	336.0	9.6
103.	992.6	-0.1	0.9	1.0	-2.3	83.	5.0533	4.0433	1.2704	332.0	10.2
133.	988.8	-0.2	0.7	1.2	-2.4	83.	5.0117	4.0114	1.2660	329.0	10.7
165.	984.9	-0.3	0.6	1.4	-2.5	83.	4.9724	3.9799	1.2614	327.0	11.0
198.	980.8	-0.3	1.2	1.7	-2.5	83.	4.9724	3.9755	1.2562	325.0	11.2
229.	977.0	-0.3	1.5	2.0	-2.5	83.	4.9723	3.9797	1.2514	325.0	11.3
258.	973.5	0.1	2.1	2.6	-2.5	83.	5.0937	4.0785	1.2456	323.0	11.2
283.	970.4	0.3	2.7	3.2	-2.2	83.	5.2057	4.1637	1.2404	322.0	11.2
307.	967.6	0.6	3.2	3.8	-2.0	83.	5.3199	4.2504	1.2356	321.0	10.9
329.	965.0	1.0	3.8	4.4	-1.6	83.	5.4786	4.3685	1.2306	321.0	10.8
353.	962.0	1.4	4.5	5.1	-1.2	83.	5.6353	4.4895	1.2251	320.0	10.5
373.	959.7	1.8	5.0	5.7	-0.8	83.	5.7942	4.6134	1.2205	320.0	10.6
394.	957.2	2.2	5.7	6.3	-0.4	83.	5.9673	4.7463	1.2157	320.0	10.3
417.	954.4	2.6	6.3	7.0	0.0	83.	6.1356	4.8752	1.2106	319.0	10.3
440.	951.7	3.1	7.0	7.7	0.5	83.	6.3612	5.0370	1.2052	317.0	10.2
465.	948.8	3.2	7.4	8.1	0.6	83.	6.4264	5.0709	1.2011	316.0	10.2
488.	946.0	3.4	7.8	8.6	0.8	83.	6.4975	5.1394	1.1968	315.0	10.2
512.	943.3	3.5	8.2	8.9	0.9	83.	6.5435	5.1733	1.1930	314.0	10.1
536.	940.5	3.4	8.3	9.0	0.8	83.	6.4974	5.1353	1.1899	313.0	10.2
561.	937.8	3.4	8.5	9.1	0.8	83.	6.4973	5.1392	1.1862	311.0	10.3
586.	935.1	3.5	8.6	9.3	0.8	83.	6.5433	5.1737	1.1822	310.0	10.3
610.	932.5	3.6	8.8	9.4	1.0	83.	6.5895	5.2084	1.1784	308.0	10.2
631.	930.2	3.7	9.0	9.7	1.3	83.	6.7362	5.3159	1.1741	306.0	10.3
654.	926.9	4.0	9.3	10.1	1.6	83.	6.8735	5.4212	1.1696	305.0	10.2
680.	924.0	4.4	9.7	10.5	1.8	83.	6.9724	5.4938	1.1652	303.0	10.3
704.	921.3	4.4	9.9	10.8	1.8	83.	6.9724	5.4938	1.1617	302.0	10.3
729.	918.4	4.4	10.2	11.0	1.8	83.	6.9723	5.4937	1.1582	300.0	10.3
752.	915.8	4.5	10.5	11.4	1.9	83.	7.0192	5.5303	1.1546	299.0	10.4
775.	913.2	4.4	10.7	11.5	1.8	83.	6.9722	5.4936	1.1517	298.0	10.4
798.	910.7	4.3	10.9	11.8	1.7	83.	6.9214	5.4572	1.1489	298.0	10.4
821.	908.1	4.3	11.0	12.0	1.7	83.	6.9214	5.4571	1.1456	297.0	10.4
844.	905.6	4.3	11.1	12.1	1.5	83.	6.8245	5.3808	1.1433	296.0	10.4
869.	902.9	4.3	11.2	12.2	1.4	83.	6.7770	5.3495	1.1406	296.0	10.4
891.	900.7	4.3	11.3	12.3	1.2	83.	6.6823	5.2760	1.1382	296.0	10.4
914.	898.6	4.3	11.4	12.4	1.1	83.	6.6354	5.2428	1.1349	296.0	10.4
936.	896.3	4.3	11.5	12.4	0.9	83.	6.5424	5.1730	1.1325	296.0	10.4
962.	893.4	4.3	11.6	12.4	0.7	83.	6.4536	5.1041	1.1296	296.0	10.5
986.	890.8	4.1	11.6	12.5	0.5	83.	6.3598	5.0358	1.1271	297.0	10.6
1012.	887.0	2.4	11.0	12.5	0.3	83.	6.2717	4.9686	1.1243	298.0	10.6
1034.	884.1	2.2	11.0	12.5	0.0	83.	6.1361	4.8698	1.1218	299.0	10.6
1061.	881.6	2.4	11.2	12.6	-0.2	83.	6.0513	4.8036	1.1194	300.0	10.7
1088.	878.7	2.1	11.2	12.6	-0.5	83.	5.9232	4.7070	1.1165	300.0	10.7
1114.	876.2	1.8	11.3	12.6	-0.8	83.	5.7975	4.6121	1.1148	301.0	10.7
1137.	873.9	1.6	11.3	12.6	-1.1	83.	5.6742	4.5188	1.1122	302.0	10.7
1160.	871.6	1.4	11.3	12.6	-1.4	83.	5.5532	4.4272	1.1091	303.0	10.9
1182.	869.3	1.2	11.3	12.6	-1.7	83.	5.4344	4.3373	1.1062	304.0	11.0
1204.	867.0	0.7	11.4	12.6	-1.9	83.	5.3365	4.2782	1.1032	305.0	11.1
1225.	864.8	0.4	11.4	12.6	-2.1	83.	5.2416	4.1908	1.1008	306.0	11.3
1247.	862.6	0.2	11.4	12.6	-2.3	83.	5.1661	4.1335	1.0983	307.0	11.4
1269.	860.4	-0.1	11.4	12.6	-2.5	83.	5.0834	4.0610	1.0960	307.0	11.5
1290.	858.3	-0.2	11.4	12.6	-2.6	83.	5.0116	4.0168	1.0939	308.0	11.7
1312.	856.1	-0.2	11.4	12.6	-2.7	83.	4.9398	3.9727	1.0919	308.0	11.8
1333.	853.9	-0.2	11.4	12.6	-2.8	83.	4.8682	3.9354	1.0895	308.0	11.8
1354.	851.8	-0.2	11.4	12.6	-2.9	83.	4.8046	3.8846	1.0875	308.0	12.0
1375.	849.7	-0.2	11.4	12.6	-3.0	83.	4.7424	3.8346	1.0855	308.0	12.1
1396.	847.6	-0.2	11.4	12.6	-3.1	83.	4.6822	3.7858	1.0836	308.0	12.2
1417.	845.5	-0.2	11.4	12.6	-3.2	83.	4.6221	3.7371	1.0816	308.0	12.3
1438.	843.4	-0.2	11.4	12.6	-3.3	83.	4.5621	3.6885	1.0797	308.0	12.4
1459.	841.3	-0.2	11.4	12.6	-3.4	83.	4.5021	3.6400	1.0777	308.0	12.5
1480.	839.2	-0.2	11.4	12.6	-3.5	83.	4.4422	3.5916	1.0758	308.0	12.6
1501.	837.1	-0.2	11.4	12.6	-3.6	83.	4.3824	3.5433	1.0738	308.0	12.7
1522.	835.0	-0.2	11.4	12.6	-3.7	83.	4.3227	3.4951	1.0719	308.0	12.8
1543.	832.9	-0.2	11.4	12.6	-3.8	83.	4.2631	3.4470	1.0699	308.0	12.9
1564.	830.8	-0.2	11.4	12.6	-3.9	83.	4.2035	3.3990	1.0680	308.0	13.0
1585.	828.7	-0.2	11.4	12.6	-4.0	83.	4.1441	3.3510	1.0660	308.0	13.1
1606.	826.6	-0.2	11.4	12.6	-4.1	83.	4.0847	3.3031	1.0641	308.0	13.2
1627.	824.5	-0.2	11.4	12.6	-4.2	83.	4.0254	3.2553	1.0621	308.0	13.3
1648.	822.4	-0.2	11.4	12.6	-4.3	83.	3.9662	3.2076	1.0602	308.0	13.4
1669.	820.3	-0.2	11.4	12.6	-4.4	83.	3.9071	3.1599	1.0582	308.0	13.5
1690.	818.2	-0.2	11.4	12.6	-4.5	83.	3.8480	3.1123	1.0563	308.0	13.6
1711.	816.1	-0.2	11.4	12.6	-4.6	83.	3.7890	3.0648	1.0543	308.0	13.7
1732.	814.0	-0.2	11.4	12.6	-4.7	83.	3.7301	3.0173	1.0524	308.0	13.8
1753.	811.9	-0.2	11.4	12.6	-4.8	83.	3.6712	2.9698	1.0504	308.0	13.9
1774.	809.8	-0.2	11.4	12.6	-4.9	83.	3.6124	2.9224	1.0485	308.0	14.0
1795.	807.7	-0.2	11.4	12.6	-5.0	83.	3.5536	2.8751	1.0465	308.0	14.1
1816.	805.6	-0.2	11.4	12.6	-5.1	83.	3.4949	2.8278	1.0446	308.0	14.2
1837.	803.5	-0.2	11.4	12.6	-5.2	83.	3.4363	2.7806	1.0426	308.0	14.3
1858.	801.4	-0.2	11.4	12.6	-5.3	83.	3.3777	2.7334	1.0407	308.0	14.4
1879.	799.3	-0.2	11.4	12.6	-5.4	83.	3.3192	2.6863	1.0387	308.0	14.5
1900.	797.2	-0.2	11.4	12.6	-5.5	83.	3.2607	2.6392	1.0368	308.0	14.6
1921.	795.1	-0.2	11.4	12.6	-5.6	83.	3.2023	2.5922	1.0348	308.0	14.7
1942.	793.0	-0.2	11.4	12.6	-5.7	83.	3.1439	2.5452	1.0329	308.0	14.8
1963.	790.9	-0.2	11.4	12.6	-5.8	83.	3.0856	2.4983	1.0309	308.0	14.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1911.	792.7	-3.1	16.4	16.8	-5.3	83.	3.9328	3.1807	1.0258	304.0	13.7
1931.	790.7	-3.2	16.4	16.8	-5.5	83.	3.8642	3.1298	1.0233	304.0	13.6
1950.	788.8	-3.4	16.4	16.8	-5.6	83.	3.8335	3.1046	1.0211	304.0	13.5
1970.	786.8	-3.5	16.4	16.8	-5.7	83.	3.8018	3.0796	1.0185	304.0	13.4
1990.	784.8	-3.6	16.4	16.8	-5.8	83.	3.7693	3.0547	1.0160	304.0	13.1
2009.	782.9	-3.7	16.4	16.8	-5.9	83.	3.7375	3.0301	1.0133	303.0	12.9
2029.	780.9	-3.8	16.4	16.8	-6.0	83.	3.7057	3.0056	1.0107	303.0	12.8
2049.	779.0	-3.9	16.4	16.8	-6.1	83.	3.6741	2.9813	1.0113	302.0	12.8
2069.	777.0	-4.0	16.4	16.8	-6.2	83.	3.6436	2.9572	1.0086	303.0	12.6
2089.	775.1	-4.1	16.4	16.8	-6.3	83.	3.6119	2.9330	1.0070	302.0	12.4
2112.	772.7	-4.2	16.4	16.8	-6.4	83.	3.5822	2.9095	1.0038	302.0	12.5
2134.	770.6	-4.3	16.4	17.0	-6.5	83.	3.5496	2.9571	1.0003	302.0	12.5
2156.	768.5	-4.5	16.4	17.1	-6.6	83.	3.5208	3.0055	0.9968	302.0	12.1
2177.	766.4	-4.6	17.7	18.4	-7.8	83.	3.4921	3.0545	0.9935	301.0	12.1
2198.	764.4	-3.4	18.1	18.7	-6.6	83.	3.8335	3.1043	0.9903	301.0	11.4
2218.	762.4	-3.1	18.7	19.2	-6.3	83.	3.9316	3.1803	0.9867	301.0	11.4
2238.	760.5	-3.0	19.0	19.5	-6.2	83.	3.9647	3.2060	0.9834	301.0	11.5
2260.	758.4	-2.8	19.4	20.0	-5.9	83.	4.0331	3.2584	0.9805	301.0	11.5
2281.	756.4	-2.7	19.7	20.3	-4.6	83.	4.0660	3.2843	0.9776	302.0	11.5
2301.	754.5	-2.7	19.7	20.3	-4.6	83.	4.0660	3.2843	0.9751	302.0	11.4
2323.	752.4	-2.7	19.7	20.3	-4.6	83.	4.0660	3.2842	0.9724	303.0	11.4
2344.	750.4	-2.8	19.7	20.3	-4.6	83.	4.0312	3.2579	0.9702	303.0	11.4
2364.	748.5	-2.8	19.7	20.3	-5.1	83.	4.0318	3.2579	0.9677	303.0	11.5
2384.	746.5	-2.9	19.7	20.3	-5.1	83.	3.9980	3.2318	0.9656	304.0	11.7
2405.	744.6	-3.0	19.7	20.3	-5.2	83.	3.9644	3.2056	0.9634	304.0	11.7
2427.	742.6	-3.1	19.7	20.3	-5.4	83.	3.8981	3.1545	0.9615	305.0	11.6
2448.	740.6	-3.4	19.7	20.3	-5.6	83.	3.8329	3.1040	0.9595	305.0	11.7
2469.	738.6	-3.5	19.7	20.3	-5.7	83.	3.8006	3.0790	0.9573	305.0	11.7
2491.	736.6	-3.7	19.7	20.3	-5.9	83.	3.7566	3.0295	0.9553	306.0	11.4
2510.	734.8	-3.9	20.0	20.6	-6.1	83.	3.6740	2.9804	0.9537	306.0	11.2
2531.	732.9	-4.1	20.4	21.0	-6.3	83.	3.6121	2.9327	0.9517	306.0	11.2
2554.	730.7	-4.2	21.0	21.6	-6.4	83.	3.5815	2.9090	0.9494	306.0	11.1
2576.	728.7	-4.3	21.1	21.7	-6.5	83.	3.5512	2.8854	0.9471	306.0	11.0
2599.	726.5	-4.4	21.3	21.8	-6.6	83.	3.5211	2.8621	0.9446	306.0	10.9
2622.	724.4	-4.5	21.4	22.0	-6.7	83.	3.4911	2.8386	0.9422	306.0	10.8
2644.	722.4	-4.7	21.4	22.0	-6.9	83.	3.4352	2.7926	0.9402	306.0	10.7
2666.	720.4	-4.9	21.4	22.0	-7.1	83.	3.3796	2.7475	0.9383	306.0	10.7
2688.	718.3	-5.0	21.6	22.1	-7.2	83.	3.3453	2.7252	0.9359	306.0	10.6
2714.	716.0	-5.2	21.8	22.1	-7.4	83.	3.2955	2.6809	0.9335	306.0	10.5
2736.	714.0	-5.4	21.8	22.1	-7.6	83.	3.2726	2.6379	0.9316	306.0	10.5
2757.	712.1	-5.6	21.8	22.1	-7.8	83.	3.1776	2.5943	0.9298	306.0	10.5
2779.	710.1	-5.7	21.8	22.1	-7.9	83.	3.1514	2.5730	0.9275	306.0	10.5
2800.	708.2	-5.7	21.8	22.1	-7.9	83.	3.1504	2.5730	0.9253	306.0	10.5
2821.	706.3	-5.7	21.8	22.1	-7.9	83.	3.1513	2.5730	0.9225	305.0	10.5
2846.	704.3	-5.8	22.4	22.8	-7.9	83.	3.1232	2.5519	0.9199	306.0	10.5
2868.	702.0	-6.0	22.5	22.9	-8.0	83.	3.0966	2.5310	0.9176	306.0	10.5
2890.	700.1	-6.1	22.5	23.0	-8.2	83.	3.0436	2.4896	0.9158	306.0	10.4
2909.	698.4	-6.2	22.6	23.1	-8.3	83.	3.0175	2.4691	0.9139	305.0	10.3
2929.	696.6	-6.3	22.7	23.2	-8.4	83.	2.9915	2.4488	0.9116	305.0	10.3
2950.	694.7	-6.5	22.7	23.2	-8.6	83.	2.9433	2.4066	0.9100	305.0	10.3
2973.	692.7	-6.7	22.8	23.3	-8.8	83.	2.8939	2.3690	0.9080	305.0	10.2
2996.	690.6	-6.8	22.8	23.3	-8.9	83.	2.8691	2.3300	0.9059	305.0	10.1
3018.	688.7	-7.0	22.9	23.4	-9.1	83.	2.8456	2.3107	0.9037	305.0	10.0
3036.	687.1	-7.1	23.0	23.5	-9.2	83.	2.7912	2.2916	0.9022	304.0	9.9
3056.	685.2	-7.2	23.1	23.6	-9.3	83.	2.7671	2.2726	0.8998	304.0	9.7
3076.	683.6	-7.4	23.1	23.8	-9.5	83.	2.7193	2.2351	0.8983	304.0	9.7
3097.	681.7	-7.6	23.1	23.8	-9.7	83.	2.6724	2.1961	0.8965	303.0	9.5
3118.	679.9	-7.7	23.2	23.9	-9.8	83.	2.6491	2.1798	0.8944	302.0	9.4
3138.	678.1	-7.7	23.4	24.1	-9.6	83.	2.6491	2.1798	0.8921	302.0	9.4
3161.	676.1	-7.8	23.4	24.1	-9.9	83.	2.6261	2.1610	0.8898	302.0	9.3
3182.	674.3	-7.8	23.4	24.1	-9.9	83.	2.6260	2.1616	0.8874	302.0	9.3
3203.	672.5	-7.8	23.4	24.1	-9.9	83.	2.6260	2.1616	0.8850	302.0	9.3
3225.	670.6	-7.8	23.4	24.1	-9.9	83.	2.6260	2.1616	0.8825	301.0	9.2
3242.	669.1	-8.0	23.2	24.0	-10.1	83.	2.5805	2.1257	0.8812	302.0	9.3
3264.	667.2	-8.1	23.4	24.2	-10.2	83.	2.5580	2.1080	0.8790	302.0	9.2
3285.	665.3	-8.2	23.5	24.3	-10.3	83.	2.5357	2.0904	0.8772	302.0	9.2
3303.	663.9	-8.3	23.6	24.4	-10.4	83.	2.5136	2.0729	0.8753	301.0	9.0
3329.	661.7	-8.4	23.7	24.5	-10.5	83.	2.4916	2.0556	0.8727	301.0	9.0
3351.	659.8	-8.3	25.1	25.9	-10.4	83.	2.5135	2.0729	0.8699	301.0	8.8
3371.	658.1	-8.4	25.3	26.1	-10.4	83.	2.5135	2.0729	0.8677	301.0	8.8
3392.	656.3	-8.4	25.4	26.2	-10.5	83.	2.4915	2.0555	0.8656	300.0	8.7
3416.	654.3	-8.6	25.5	26.3	-10.7	83.	2.4482	2.0213	0.8636	300.0	8.6
3436.	652.6	-8.7	25.6	26.4	-10.8	83.	2.4267	2.0045	0.8617	300.0	8.5
3456.	650.9	-8.9	25.6	26.4	-11.0	83.	2.3844	1.9708	0.8601	299.0	8.4
3477.	649.1	-9.0	25.7	26.4	-11.1	83.	2.3635	1.9543	0.8580	299.0	8.4
3500.	647.2	-9.1	25.8	26.5	-11.2	83.	2.3427	1.9378	0.8558	299.0	8.2
3523.	645.3	-9.1	26.1	26.8	-11.2	83.	2.3427	1.9378	0.8533	300.0	8.1
3545.	643.4	-9.1	26.3	26.8	-11.2	83.	2.3427	1.9378	0.8508	299.0	8.1
3566.	641.7	-9.1	26.6	27.0	-11.2	83.	2.3427	1.9378	0.8485	299.0	8.1
3585.	640.1	-9.0	26.8	27.3	-11.1	83.	2.3634	1.9542	0.8461	299.0	8.1
3606.	638.4	-9.0	27.1	27.5	-11.1	83.	2.3634	1.9542	0.8439	299.0	8.1
3625.	636.8	-9.1	27.2	27.7	-11.2	83.	2.3426	1.9377	0.8421	299.0	8.1
3646.	635.1	-9.2	27.3	27.8	-11.3	83.	2.3220	1.9214	0.8401	299.0	8.1
3664.	633.6	-9.2	27.5	28.0	-11.3	83.	2.3220	1.9214	0.8381	299.0	8.1
3685.	631.9	-9.1	27.7	28.2	-11.2	83.	2.3426	1.9377	0.8356	298.0	8.1
3703.	630.4	-9.1	27.8	28.3	-11.1	83.	2.3633	1.9541	0.8333	298.0	8.1
3724.	628.7	-9.1	28.0	28.5	-11.2	83.	2.3425	1.9377	0.8314	298.0	8.1
3746.	626.9	-9.2	28.0	28.5	-11.3	83.	2.3220	1.9214	0.8293	298.0	8.1
3771.	624.9	-9.4	28.0	28.5	-11.5	83.	2.2813	1.8891	0.8273	298.0	8.0
3791.	623.3	-9.6	28.0	28.5	-11.7	83.	2.2413	1.8574	0.8257	297.0	8.0
3811.	621.7	-9.8	28.0	28.5	-11.9	83.	2.2015	1.8260	0.8242	297.0	8.0
3831.	620.1	-9.9	28.0	28.5	-12.0	83.	2.1822	1.8107	0.8224	296.0	8.1
3852.	618.4	-10.0	28.7	29.1	-12.1	83.	2.1632	1.7954	0.8204	296.0	8.1
3874.	616.6	-10.2	28.7	29.1	-12.3	83.	2.1261	1.7651	0.8186	296.0	8.1
3895.	614.9	-10.3	28.9	29.3	-12.4	83.	2.1062	1.7501	0.8167	295.0	8.0
3917.	613.2	-10.4	29.0	29.4	-12.5	83.	2.0875	1.7352	0.8147	295.0	7.8
3937.	611.6	-10.6	29.0	29.4	-12.7	83.	2.0507	1.7059	0.8132	294.0	7.7
3958.	609.9	-10.8	29.0	29.4	-12.9	83.	2.0144	1.6769	0.8115	293.0	7.6
3978.	608.3	-11.0	29.0	29.4	-13.1	83.	1.9787	1.6485	0.8100	293.0	7.5
4001.	606.5	-11.1	29.1	29.5	-13.2	83.	1.9610	1.6344	0.8079	292.0	7.4
4021.	604.8	-11.3	29.1	29.5	-13.4	83.	1.9262	1.6066	0.8064	291.0	7.4
4043.	603.2	-11.5	29.1	29.5	-13.6	83.	1.8919	1.5792	0.8047	290.0	7.3
4063.	601.6	-11.6	29.3	29.6	-13.7	83.	1.8750	1.5656	0.8028	290.0	7.2
4085.	599.9	-11.8	29.3	29.6	-13.9	83.	1.8415	1.5389	0.8012	289.0	7.1
4108.	598.1	-12.0	29.3	29.6	-14.1	83.	1.8086	1.5125	0.7993	287.0	7.1
4132.	596.2	-12.1	29.5	29.8	-14.1	83.	1.7924	1.4995	0.7971	286.0	7.2
4156.	594.3	-12.3	29.6	29.8	-14.3	83.	1.7603	1.4738	0.7951	285.0	7.2
4181.	592.4	-12.5	29.6	29.9	-14.5	83.	1.7288	1.4485	0.7932	284.0	7.3
4203.	590.7	-12.7	29.6	29.9	-14.7	83.	1.6977	1.4236	0.7915	284.0	7.4
4227.	588.8	-12.9	29.6	29.9	-14.9	83.	1.6672	1.3990	0.7895	283.0	7.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RMOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
4256.	617.1	-13.1	29.6	29.4	-14.1	83.	1.6472	1.3749	0.7878	282.0	7.5
4271.	615.9	-13.2	29.6	29.4	-14.2	83.	1.6076	1.3511	0.7863	281.0	7.7
4291.	614.3	-13.3	29.6	29.4	-14.3	83.	1.5788	1.3277	0.7847	281.0	7.9
4311.	612.7	-13.4	30.1	30.1	-14.4	83.	1.5642	1.3161	0.7829	280.0	8.0
4334.	610.8	-13.5	30.1	30.1	-14.5	83.	1.5359	1.2933	0.7812	279.0	8.2
4355.	609.2	-13.7	30.1	30.1	-14.6	83.	1.5219	1.2820	0.7789	279.0	8.4
4381.	607.1	-14.0	30.1	30.1	-14.9	83.	1.5082	1.2708	0.7769	278.0	8.5
4401.	605.5	-14.1	30.1	30.1	-15.0	83.	1.4937	1.2587	0.7755	277.0	8.6
4421.	603.9	-14.3	30.1	30.1	-15.2	83.	1.4797	1.2469	0.7740	277.0	8.7
4442.	602.2	-14.4	30.1	30.1	-15.3	83.	1.4654	1.2352	0.7723	276.0	8.8
4462.	600.6	-14.6	30.1	30.1	-15.5	83.	1.4512	1.2235	0.7704	276.0	8.9
4482.	599.0	-14.7	30.1	30.1	-15.7	83.	1.4372	1.2119	0.7688	275.0	8.9
4502.	597.3	-14.8	30.1	30.1	-15.8	83.	1.4232	1.2004	0.7675	274.0	9.0
4517.	596.2	-14.9	30.1	30.1	-15.9	83.	1.4133	1.1923	0.7666	274.0	9.0
4542.	594.1	-15.1	30.1	30.1	-16.1	83.	1.3956	1.1778	0.7650	273.0	9.1
4562.	592.4	-15.3	30.1	30.1	-16.3	83.	1.3820	1.1665	0.7636	273.0	9.1
4582.	590.8	-15.4	30.1	30.1	-16.4	83.	1.3685	1.1554	0.7617	272.0	9.2
4602.	589.1	-15.6	30.1	30.1	-16.6	83.	1.3551	1.1443	0.7603	271.0	9.2
4623.	587.3	-15.8	30.1	30.1	-16.8	83.	1.3396	1.1314	0.7584	270.0	9.3
4641.	585.8	-15.9	30.1	30.1	-16.9	83.	1.3272	1.1211	0.7572	270.0	9.3
4661.	584.2	-16.1	30.1	30.1	-17.1	83.	1.3137	1.1103	0.7557	270.0	9.4
4685.	582.2	-16.3	30.1	30.1	-17.3	83.	1.2974	1.0964	0.7545	270.0	9.5
4697.	581.4	-16.4	30.1	30.1	-17.4	83.	1.2907	1.0909	0.7532	270.0	9.5
4725.	579.1	-16.7	30.1	30.1	-17.7	83.	1.2723	1.0756	0.7516	269.0	9.6
4738.	578.1	-16.8	30.1	30.1	-17.8	83.	1.2646	1.0692	0.7508	269.0	9.6
4757.	576.4	-16.9	30.1	30.1	-17.9	83.	1.2536	1.0599	0.7494	270.0	9.6
4776.	574.8	-17.0	30.1	30.1	-18.0	83.	1.2427	1.0507	0.7482	270.0	9.6
4797.	573.0	-17.1	30.1	30.1	-18.1	83.	1.2314	1.0412	0.7469	270.0	9.6
4815.	571.4	-17.3	30.1	30.1	-18.3	83.	1.2214	1.0327	0.7451	270.0	9.6
4836.	569.7	-17.4	30.1	30.1	-18.4	83.	1.2097	1.0227	0.7438	270.0	9.6
4857.	568.0	-17.6	30.1	30.1	-18.6	83.	1.1980	1.0127	0.7422	270.0	9.6
4877.	566.4	-17.7	30.1	30.1	-18.7	83.	1.1867	1.0031	0.7404	271.0	9.6
4895.	564.9	-17.8	30.1	30.1	-18.8	83.	1.1763	0.9943	0.7388	271.0	9.6
4914.	563.3	-17.9	30.1	30.1	-18.9	83.	1.1658	0.9854	0.7375	272.0	9.6
4935.	561.6	-18.0	30.1	30.1	-19.0	83.	1.1545	0.9759	0.7357	272.0	9.6
4954.	560.0	-18.2	30.1	30.1	-19.2	83.	1.1434	0.9665	0.7346	273.0	9.6
4974.	558.4	-18.3	30.1	30.1	-19.3	83.	1.1324	0.9572	0.7334	273.0	9.6
4996.	556.6	-18.4	30.1	30.1	-19.4	83.	1.1204	0.9471	0.7316	273.0	9.6
5015.	555.1	-18.5	30.1	30.1	-19.5	83.	1.1097	0.9381	0.7303	273.0	9.6
5034.	553.5	-18.7	30.1	30.1	-19.7	83.	1.0989	0.9290	0.7285	273.0	9.6
5054.	551.8	-18.9	30.1	30.1	-19.9	83.	1.0880	0.9197	0.7285	273.0	9.6
5076.	550.0	-19.1	30.1	30.1	-20.1	83.	1.0765	0.9100	0.7269	273.0	9.6
5094.	548.4	-19.3	30.1	30.1	-20.3	83.	1.0661	0.9012	0.7255	273.0	9.6
5107.	547.2	-19.4	30.1	30.1	-20.4	83.	1.0581	0.8944	0.7240	273.0	9.6
5131.	545.1	-19.6	30.1	30.1	-20.6	83.	1.0452	0.8835	0.7225	273.0	9.6
5151.	543.4	-19.8	30.1	30.1	-20.8	83.	1.0345	0.8744	0.7211	273.0	9.6
5172.	541.7	-20.0	30.1	30.1	-21.0	83.	1.0236	0.8652	0.7196	273.0	9.6
5192.	540.0	-20.2	30.1	30.1	-21.2	83.	1.0128	0.8561	0.7183	273.0	9.6
5212.	538.4	-20.4	30.1	30.1	-21.4	83.	1.0021	0.8471	0.7169	273.0	9.6
5236.	536.4	-20.6	30.1	30.1	-21.6	83.	0.9903	0.8371	0.7153	273.0	9.6
5254.	534.9	-20.8	30.1	30.1	-21.8	83.	0.9797	0.8282	0.7141	273.0	9.6
5274.	533.2	-21.0	30.1	30.1	-22.0	83.	0.9690	0.8192	0.7126	273.0	9.6
5294.	531.6	-21.2	30.1	30.1	-22.2	83.	0.9584	0.8103	0.7113	273.0	9.6
5314.	529.9	-21.4	30.1	30.1	-22.4	83.	0.9478	0.8014	0.7099	273.0	9.6
5334.	528.3	-21.6	30.1	30.1	-22.6	83.	0.9373	0.7926	0.7085	273.0	9.6
5354.	526.6	-21.8	30.1	30.1	-22.8	83.	0.9268	0.7838	0.7071	273.0	9.6
5374.	525.0	-22.0	30.1	30.1	-23.0	83.	0.9164	0.7751	0.7057	273.0	9.6
5394.	523.3	-22.2	30.1	30.1	-23.2	83.	0.9060	0.7664	0.7043	273.0	9.6
5414.	521.7	-22.4	30.1	30.1	-23.4	83.	0.8957	0.7578	0.7029	273.0	9.6
5434.	520.0	-22.6	30.1	30.1	-23.6	83.	0.8854	0.7492	0.7015	273.0	9.6
5454.	518.4	-22.8	30.1	30.1	-23.8	83.	0.8752	0.7407	0.7001	273.0	9.6
5474.	516.7	-23.0	30.1	30.1	-24.0	83.	0.8650	0.7322	0.6987	273.0	9.6
5494.	515.1	-23.2	30.1	30.1	-24.2	83.	0.8549	0.7238	0.6973	273.0	9.6
5514.	513.4	-23.4	30.1	30.1	-24.4	83.	0.8448	0.7154	0.6959	273.0	9.6
5534.	511.8	-23.6	30.1	30.1	-24.6	83.	0.8348	0.7071	0.6945	273.0	9.6
5554.	510.1	-23.8	30.1	30.1	-24.8	83.	0.8248	0.6988	0.6931	273.0	9.6
5574.	508.5	-24.0	30.1	30.1	-25.0	83.	0.8149	0.6905	0.6917	273.0	9.6
5594.	506.8	-24.2	30.1	30.1	-25.2	83.	0.8050	0.6823	0.6903	273.0	9.6
5614.	505.2	-24.4	30.1	30.1	-25.4	83.	0.7952	0.6741	0.6889	273.0	9.6
5634.	503.5	-24.6	30.1	30.1	-25.6	83.	0.7854	0.6659	0.6875	273.0	9.6
5654.	501.9	-24.8	30.1	30.1	-25.8	83.	0.7757	0.6578	0.6861	273.0	9.6
5674.	500.2	-25.0	30.1	30.1	-26.0	83.	0.7660	0.6497	0.6847	273.0	9.6
5694.	498.6	-25.2	30.1	30.1	-26.2	83.	0.7564	0.6416	0.6833	273.0	9.6
5714.	496.9	-25.4	30.1	30.1	-26.4	83.	0.7468	0.6336	0.6819	273.0	9.6
5734.	495.3	-25.6	30.1	30.1	-26.6	83.	0.7372	0.6256	0.6805	273.0	9.6
5754.	493.6	-25.8	30.1	30.1	-26.8	83.	0.7277	0.6176	0.6791	273.0	9.6
5774.	492.0	-26.0	30.1	30.1	-27.0	83.	0.7183	0.6096	0.6777	273.0	9.6
5794.	490.3	-26.2	30.1	30.1	-27.2	83.	0.7088	0.6017	0.6763	273.0	9.6
5814.	488.7	-26.4	30.1	30.1	-27.4	83.	0.6995	0.5938	0.6749	273.0	9.6
5834.	487.0	-26.6	30.1	30.1	-27.6	83.	0.6901	0.5859	0.6735	273.0	9.6
5854.	485.4	-26.8	30.1	30.1	-27.8	83.	0.6808	0.5781	0.6721	273.0	9.6
5874.	483.7	-27.0	30.1	30.1	-28.0	83.	0.6715	0.5703	0.6707	273.0	9.6
5894.	482.1	-27.2	30.1	30.1	-28.2	83.	0.6623	0.5625	0.6693	273.0	9.6
5914.	480.4	-27.4	30.1	30.1	-28.4	83.	0.6531	0.5548	0.6679	273.0	9.6
5934.	478.8	-27.6	30.1	30.1	-28.6	83.	0.6439	0.5471	0.6665	273.0	9.6
5954.	477.1	-27.8	30.1	30.1	-28.8	83.	0.6348	0.5394	0.6651	273.0	9.6
5974.	475.5	-28.0	30.1	30.1	-29.0	83.	0.6257	0.5317	0.6637	273.0	9.6
5994.	473.8	-28.2	30.1	30.1	-29.2	83.	0.6167	0.5241	0.6623	273.0	9.6
6014.	472.2	-28.4	30.1	30.1	-29.4	83.	0.6077	0.5165	0.6609	273.0	9.6
6034.	470.5	-28.6	30.1	30.1	-29.6	83.	0.5987	0.5089	0.6595	273.0	9.6
6054.	468.9	-28.8	30.1	30.1	-29.8	83.	0.5898	0.5013	0.6581	273.0	9.6
6074.	467.2	-29.0	30.1	30.1	-30.0	83.	0.5809	0.4938	0.6567	273.0	9.6
6094.	465.6	-29.2	30.1	30.1	-30.2	83.	0.5721	0.4863	0.6553	273.0	9.6
6114.	463.9	-29.4	30.1	30.1	-30.4	83.	0.5633	0.4788	0.6539	273.0	9.6
6134.	462.3	-29.6	30.1	30.1	-30.6	83.	0.5545	0.4713	0.6525	273.0	9.6
6154.	460.6	-29.8	30.1	30.1	-30.8	83.	0.5458	0.4639	0.6511	273.0	9.6
6174.	459.0	-30.0	30.1	30.1	-31.0	83.	0.5371	0.4564	0.6497	273.0	9.6
6194.	457.3	-30.2	30.1	30.1	-31.2	83.	0.5285	0.4490	0.6483	273.0	9.6
6214.	455.7	-30.4	30.1	30.1	-31.4	83.	0.5199	0.4417	0.6469	273.0	9.6
6234.	454.0	-30.6	30.1	30.1	-31.6	83.	0.5113	0.4343	0.6455	273.0	9.6
6254.	452.4	-30.8	30.1	30.1	-31.8	83.	0.5028	0.4270	0.6441	273.0	9.6
6274.	450.7	-31.0	30.1	30.1	-32.0	83.	0.4943	0.4197	0.6427	273.0	9.6
6294.	449.1	-31.2	30.1	30.1	-32.2	83.	0.4858	0.4125	0.6413	273.0	9.6
6314.	447.4	-31.4	30.1	30.1	-32.4	83.	0.4774	0.4052	0.6399	273.0	9.6
6334.	445.8	-31.6	30.1	30.1	-32.6	83.	0.4690	0.3980	0.6385	273.0	9.6
6354.	444.1	-31.8	30.1	30.1	-32.8	83.	0.4606	0.3908	0.6371	273.0	9.6
6374.	442.5	-32.0	30.1	30.1	-33.0	83.	0.4523	0.3837	0.6357	273.0	9.6
6394.	440.8	-32.2	30.1	30.1	-33.2	83.	0.4440	0.3766	0.6343	273.0	9.6
6414.	439.2	-32.4	30.1	30.1	-33.4	83.	0.4358	0.3695	0.6329	273.0	9.6
6434.	437.5	-32.6	30.1	30.1	-33.6	83.	0.4276	0.3624	0.6315	273.0	9.6
6454.	435.9	-32.8	30.1	30.1	-33.8	83.	0.4194	0.3554	0.6301	273.0	9.6
6474.	434.2	-33.0	30.1	30.1	-34.0	83.	0.4113	0.3484	0.6287	273.0	9.6
6494.	432.6	-33.2	30.1	30.1	-34.2	83.	0.4032	0.3414	0.6273	273.0	9.6
6514.	430.9	-33.4	30.1	30.1	-34.4	83.	0.3951	0.3345	0.6259	273.0	9.6
6534.	429.3	-33.6	30.1	30.1	-34.6	83.	0.3871	0.3276	0.6245	273.0	9.6
6554.	427.6	-33.8	30.1	30.1	-34.8	83.	0.3791	0.3207	0.6231	273.0	9.6
6574.	426.0	-34.0	30.1	30.1	-35.0	83.	0.3711	0.3138	0.6217	273.0	9.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
6592.	426.3	-32.5	33.9	33.9	-34.2	83.	0.2432	0.2206	0.6173	278.0	11.2
6610.	425.2	-32.6	34.0	34.0	-34.3	83.	0.2406	0.2183	0.6160	278.0	11.2
6630.	424.0	-32.7	34.1	34.1	-34.4	83.	0.2381	0.2161	0.6145	277.0	11.2
6649.	422.9	-32.9	34.1	34.1	-34.6	83.	0.2331	0.2117	0.6134	277.0	11.2
6669.	421.7	-33.0	34.0	34.0	-34.9	83.	0.2257	0.2053	0.6124	277.0	11.2
6690.	420.4	-33.2	34.2	34.2	-34.9	83.	0.2257	0.2053	0.6105	277.0	11.3
6709.	419.3	-33.3	34.3	34.3	-35.0	83.	0.2233	0.2032	0.6092	277.0	11.3
6725.	418.3	-33.5	34.2	34.3	-35.2	83.	0.2186	0.1991	0.6082	277.0	11.3
6745.	417.1	-33.7	34.2	34.3	-35.4	83.	0.2140	0.1950	0.6070	276.0	11.3
6764.	416.0	-33.8	34.3	34.4	-35.5	83.	0.2117	0.1930	0.6057	276.0	11.3
6786.	414.7	-34.0	34.4	34.4	-35.7	83.	0.2072	0.1891	0.6043	276.0	11.3
6809.	413.3	-34.2	34.4	34.5	-35.9	83.	0.2028	0.1852	0.6027	276.0	11.4
6831.	412.0	-34.4	34.4	34.5	-36.1	83.	0.1984	0.1814	0.6013	275.0	11.4
6852.	410.8	-34.6	34.4	34.5	-36.3	83.	0.1942	0.1777	0.6001	275.0	11.4
6874.	409.5	-34.8	34.4	34.5	-36.5	83.	0.1900	0.1740	0.5987	275.0	11.4
6896.	408.2	-35.0	34.5	34.5	-36.7	83.	0.1860	0.1704	0.5973	274.0	11.4
6918.	406.9	-35.2	34.5	34.5	-36.9	83.	0.1820	0.1669	0.5959	274.0	11.4
6942.	405.5	-35.4	34.6	34.6	-37.1	83.	0.1781	0.1634	0.5943	273.0	11.3
6968.	404.0	-35.7	34.6	34.5	-37.4	83.	0.1723	0.1584	0.5929	272.0	11.2
6992.	402.6	-36.0	34.4	34.4	-37.7	83.	0.1668	0.1535	0.5916	271.0	11.2
7014.	401.3	-36.2	34.4	34.4	-37.9	83.	0.1632	0.1503	0.5901	270.0	11.1
7039.	399.9	-36.3	34.6	34.6	-38.0	83.	0.1614	0.1487	0.5883	270.0	11.0
7065.	398.4	-36.5	34.6	34.7	-38.2	83.	0.1579	0.1456	0.5866	268.0	11.0
7091.	396.9	-36.7	34.7	34.8	-38.4	83.	0.1544	0.1425	0.5849	267.0	11.0
7116.	395.5	-36.9	34.8	34.8	-38.6	83.	0.1511	0.1396	0.5833	267.0	10.9
7141.	394.1	-37.1	34.8	34.9	-38.8	83.	0.1478	0.1366	0.5817	265.0	10.9
7161.	392.9	-37.3	34.8	34.8	-39.0	83.	0.1446	0.1338	0.5805	264.0	10.9
7185.	391.5	-37.5	34.7	34.8	-39.3	83.	0.1398	0.1295	0.5791	263.0	11.0
7212.	390.0	-37.9	34.7	34.7	-39.6	83.	0.1353	0.1255	0.5776	262.0	11.1
7233.	388.8	-38.1	34.7	34.7	-39.8	83.	0.1323	0.1228	0.5764	261.0	11.2
7256.	387.5	-38.3	34.7	34.8	-40.0	83.	0.1294	0.1202	0.5749	260.0	11.2
7279.	386.2	-38.5	34.8	34.8	-40.2	83.	0.1265	0.1176	0.5735	259.0	11.4
7304.	384.8	-38.8	34.7	34.7	-40.5	83.	0.1229	0.1139	0.5721	258.0	11.4
7329.	383.4	-39.0	34.8	34.8	-40.6	83.	0.1196	0.1115	0.5705	257.0	11.7
7352.	382.1	-39.2	34.8	34.8	-40.8	83.	0.1170	0.1091	0.5691	257.0	11.8
7375.	380.8	-39.3	35.0	35.0	-40.9	83.	0.1157	0.1079	0.5674	256.0	11.9
7400.	379.4	-39.3	35.3	35.3	-40.9	83.	0.1157	0.1079	0.5653	255.0	12.0
7426.	377.9	-39.4	35.5	35.5	-41.0	83.	0.1144	0.1068	0.5633	253.0	12.1
7451.	376.6	-39.5	35.7	35.7	-41.1	83.	0.1131	0.1056	0.5616	253.0	12.3
7479.	375.3	-39.5	35.6	35.6	-41.4	83.	0.1093	0.1022	0.5604	252.0	12.4
7498.	374.0	-40.1	35.5	35.5	-41.7	83.	0.1057	0.0989	0.5591	250.0	12.6
7522.	372.7	-40.3	35.6	35.6	-41.9	83.	0.1033	0.0968	0.5577	250.0	12.7
7544.	371.5	-40.5	35.6	35.6	-42.1	83.	0.1010	0.0947	0.5564	249.0	12.7
7566.	370.3	-40.7	35.6	35.6	-42.3	83.	0.0987	0.0927	0.5550	247.0	12.8
7592.	368.9	-40.9	35.6	35.7	-42.5	83.	0.0965	0.0906	0.5534	246.0	13.0
7614.	367.7	-41.1	35.7	35.7	-42.7	83.	0.0943	0.0887	0.5521	245.0	13.1
7640.	366.3	-41.3	35.7	35.8	-42.9	83.	0.0922	0.0867	0.5505	244.0	13.2
7662.	365.1	-41.5	35.7	35.8	-43.1	83.	0.0901	0.0849	0.5491	242.0	13.3
7684.	363.9	-41.7	35.8	35.8	-43.3	83.	0.0881	0.0830	0.5478	241.0	13.5
7707.	362.7	-41.9	35.8	35.8	-43.5	83.	0.0860	0.0812	0.5465	240.0	13.5
7731.	361.4	-42.1	35.8	35.8	-43.7	83.	0.0841	0.0794	0.5450	239.0	13.7
7757.	360.0	-42.3	35.8	35.8	-43.9	83.	0.0822	0.0777	0.5433	238.0	13.8
7780.	358.8	-42.5	35.9	35.9	-44.1	83.	0.0803	0.0759	0.5420	236.0	14.1
7804.	357.6	-42.8	35.9	35.9	-44.4	83.	0.0775	0.0734	0.5407	235.0	14.3
7830.	356.2	-43.0	36.0	36.0	-44.6	83.	0.0758	0.0718	0.5391	234.0	14.5
7857.	354.7	-43.2	36.0	36.1	-44.8	83.	0.0740	0.0702	0.5374	233.0	14.6
7883.	353.3	-43.4	36.1	36.1	-45.0	83.	0.0723	0.0687	0.5358	232.0	14.8
7910.	351.8	-43.6	36.1	36.2	-45.2	83.	0.0706	0.0672	0.5343	231.0	15.0
7931.	350.6	-43.8	36.2	36.2	-45.4	83.	0.0690	0.0657	0.5329	230.0	15.2
7954.	349.4	-44.0	36.2	36.2	-45.6	83.	0.0674	0.0642	0.5315	229.0	15.5
7975.	348.2	-44.2	36.2	36.3	-45.8	83.	0.0659	0.0628	0.5303	228.0	15.6
8000.	347.2	-44.4	36.3	36.3	-46.0	83.	0.0643	0.0614	0.5288	228.0	15.8
8027.	345.9	-44.7	36.3	36.3	-46.3	83.	0.0621	0.0593	0.5274	227.0	16.0
8054.	344.4	-44.9	36.4	36.4	-46.5	83.	0.0606	0.0580	0.5257	226.0	16.1
8076.	343.3	-45.1	36.4	36.4	-46.7	83.	0.0593	0.0567	0.5245	225.0	16.2
8097.	342.2	-45.3	36.5	36.5	-46.9	83.	0.0581	0.0560	0.5230	225.0	16.4
8122.	340.9	-45.4	36.6	36.6	-47.2	83.	0.0577	0.0548	0.5215	224.0	16.5
8146.	339.7	-45.6	36.6	36.6	-47.2	83.	0.0556	0.0535	0.5201	224.0	16.6
8167.	338.6	-45.8	36.6	36.6	-47.4	83.	0.0544	0.0523	0.5189	223.0	16.7
8193.	337.3	-46.1	36.6	36.6	-47.7	83.	0.0526	0.0505	0.5176	222.0	16.9
8219.	336.0	-46.4	36.6	36.6	-47.9	83.	0.0577	0.0495	0.5163	222.0	17.0
8247.	334.9	-46.6	36.6	36.6	-48.1	83.	0.0494	0.0477	0.5150	221.0	17.1
8264.	333.7	-46.8	36.4	36.4	-48.4	83.	0.0478	0.0461	0.5138	221.0	17.1
8286.	332.6	-47.1	36.4	36.4	-48.6	83.	0.0467	0.0450	0.5126	221.0	17.1
8310.	331.4	-47.3	36.5	36.5	-48.8	83.	0.0455	0.0440	0.5112	220.0	16.9
8336.	330.0	-47.5	36.6	36.6	-49.0	83.	0.0444	0.0430	0.5095	220.0	17.0
8362.	328.6	-47.7	36.6	36.6	-49.2	83.	0.0434	0.0420	0.5081	220.0	17.0
8386.	327.5	-47.9	36.8	36.8	-49.3	83.	0.0426	0.0415	0.5065	219.0	16.9
8408.	326.5	-48.1	36.8	36.8	-49.5	83.	0.0418	0.0405	0.5052	220.0	16.9
8430.	325.4	-48.3	36.8	36.8	-49.7	83.	0.0408	0.0396	0.5040	219.0	16.9
8455.	324.4	-48.5	36.7	36.7	-49.9	83.	0.0394	0.0382	0.5031	219.0	16.9
8478.	323.4	-48.7	36.8	36.8	-50.0	83.	0.0384	0.0373	0.5017	219.0	16.8
8499.	322.4	-48.9	36.8	36.8	-50.2	83.	0.0375	0.0365	0.5002	220.0	16.7
8515.	321.5	-49.1	36.7	36.8	-50.4	83.	0.0366	0.0356	0.4994	220.0	16.7
8536.	320.2	-49.3	36.8	36.8	-50.7	83.	0.0361	0.0352	0.4981	220.0	16.6
8556.	319.2	-49.4	36.9	36.9	-50.8	83.	0.0353	0.0344	0.4970	220.0	16.6
8581.	317.9	-49.6	36.9	37.0	-51.1	83.	0.0344	0.0336	0.4956	220.0	16.4
8603.	316.8	-49.8	37.0	37.0	-51.3	83.	0.0337	0.0329	0.4943	221.0	16.4
8626.	315.6	-50.0	37.0	37.0	-51.5	83.	0.0329	0.0322	0.4930	221.0	16.5
8647.	314.6	-50.2	37.0	37.0	-51.7	83.	0.0320	0.0313	0.4919	221.0	16.5
8670.	313.7	-50.4	37.0	37.0	-51.9	83.	0.0312	0.0305	0.4906	221.0	16.5
8693.	312.6	-50.6	37.1	37.1	-52.1	83.	0.0304	0.0298	0.4893	221.0	16.5
8718.	311.4	-50.8	37.1	37.1	-52.3	83.	0.0297	0.0291	0.4879	221.0	16.6
8739.	310.4	-50.9	37.2	37.2	-52.4	83.	0.0293	0.0287	0.4866	221.0	16.7
8759.	309.4	-51.0	37.4	37.4	-52.5	83.	0.0290	0.0284	0.4852	221.0	16.8
8780.	308.4	-51.2	37.4	37.4	-52.8	83.	0.0279	0.0274	0.4843	221.0	16.8
8804.	307.3	-51.4	37.4	37.4	-53.0	83.	0.0277	0.0271	0.4828	220.0	17.0
8827.	306.2	-51.6	37.4	37.4	-53.2	83.	0.0269	0.0264	0.4815	220.0	17.0
8850.	305.1	-51.8	37.4	37.4	-53.4	83.	0.0260	0.0255	0.4804	220.0	17.1
8876.	303.8	-52.1	37.4	37.4	-53.8	83.	0.0252	0.0248	0.4790	220.0	17.1
8899.	302.8	-52.3	37.5	37.5	-53.8	83.	0.0246	0.0243	0.4776	220.0	17.1
8922.	301.7	-52.5	37.6	37.6	-54.0	83.	0.0240	0.0237	0.4763	219.0	17.2
8944.	300.7	-52.7	37.6	37.6	-54.2	83.	0.0234	0.0231	0.4752	219.0	17.3
8967.	299.7	-52.9	37.6	37.6	-54.4	83.	0.0228	0.0225	0.4739	219.0	17.3
8991.	298.6	-53.1	37.7	37.7	-54.6	83.	0.0224	0.0220	0.4726	219.0	17.3
9017.	297.3	-53.4	37.7	37.7	-54.9	83.	0.0219	0.0215	0.4711	219.0	17.3
9041.	296.2	-53.6	37.8	37.8	-55.1	83.	0.0214	0.0211	0.4700	219.0	17.2
9063.	295.2	-53.8	37.8	37.8	-55.3	83.	0.0210	0.0207	0.4688	219.0	17.1
9086.	294.1	-54.0	37.8	37.8	-55.4	83.	0.0198	0.0197	0.4675	219.0	17.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9113.	292.9	-54.1	37.9	37.9	-55.5	83.	0.0195	0.0195	0.4658	219.0	17.0
9137.	291.8	-54.4	37.8	37.8	-55.8	83.	0.0188	0.0188	0.4647	219.0	16.8
9159.	290.8	-54.6	37.8	37.9	-56.0	83.	0.0183	0.0183	0.4635	218.0	16.7
9181.	289.8	-54.9	37.7	37.7	-56.3	83.	0.0176	0.0176	0.4626	218.0	16.6
9201.	288.9	-55.1	37.7	37.7	-56.5	83.	0.0172	0.0172	0.4616	218.0	16.4
9223.	287.9	-55.3	37.7	37.7	-56.7	83.	0.0167	0.0166	0.4604	218.0	16.2
9243.	287.0	-55.6	37.6	37.6	-57.0	83.	0.0161	0.0161	0.4596	218.0	16.1
9265.	286.0	-55.6	37.8	37.9	-57.0	83.	0.0161	0.0161	0.4589	218.0	15.9
9285.	285.1	-55.8	37.8	37.8	-57.2	83.	0.0157	0.0157	0.4579	218.0	15.8
9305.	284.2	-55.9	38.0	38.0	-57.3	83.	0.0155	0.0155	0.4567	218.0	15.7
9325.	283.3	-55.9	38.3	38.3	-57.3	83.	0.0155	0.0155	0.4543	218.0	15.6
9347.	282.3	-56.1	38.5	38.5	-57.4	83.	0.0153	0.0154	0.4529	218.0	15.5
9372.	281.2	-56.2	38.5	38.6	-57.6	83.	0.0149	0.0150	0.4515	220.0	14.7
9395.	280.2	-56.3	38.7	38.7	-57.7	83.	0.0147	0.0148	0.4501	221.0	14.4
9417.	279.2	-56.5	39.0	39.0	-57.7	83.	0.0147	0.0148	0.4485	222.0	14.1
9442.	278.1	-56.6	39.5	39.5	-57.6	83.	0.0149	0.0150	0.4466	223.0	13.9
9465.	277.1	-56.6	39.9	39.9	-57.6	83.	0.0149	0.0150	0.4450	224.0	13.7
9491.	276.0	-56.5	40.1	40.1	-57.7	83.	0.0147	0.0148	0.4434	225.0	13.5
9516.	274.9	-56.5	40.1	40.1	-57.9	83.	0.0143	0.0144	0.4420	227.0	13.3
9539.	273.9	-56.6	40.3	40.3	-58.0	83.	0.0141	0.0142	0.4406	230.0	12.9
9564.	272.8	-56.8	40.4	40.4	-58.2	83.	0.0138	0.0139	0.4393	232.0	12.6
9592.	271.6	-56.9	40.6	40.6	-58.3	83.	0.0136	0.0137	0.4375	235.0	12.4
9623.	270.3	-57.1	40.8	40.8	-58.5	83.	0.0132	0.0134	0.4358	237.0	12.1
9651.	269.1	-57.3	40.9	40.9	-58.7	83.	0.0128	0.0130	0.4343	239.0	12.7
9681.	267.8	-57.4	41.2	41.2	-58.8	83.	0.0127	0.0128	0.4324	242.0	12.5
9707.	266.7	-57.6	41.3	41.3	-59.0	83.	0.0124	0.0126	0.4310	245.0	12.3
9736.	265.5	-57.7	41.5	41.5	-59.1	83.	0.0122	0.0124	0.4293	245.0	13.0
9764.	264.3	-57.9	41.6	41.6	-59.3	83.	0.0119	0.0121	0.4278	247.0	13.0
9790.	263.2	-58.1	41.7	41.7	-59.5	83.	0.0116	0.0118	0.4264	249.0	13.2
9814.	262.2	-58.4	41.6	41.6	-59.8	83.	0.0111	0.0113	0.4253	251.0	13.3
9841.	261.1	-58.7	41.6	41.6	-60.1	83.	0.0107	0.0109	0.4242	252.0	13.2
9867.	260.0	-58.9	41.6	41.6	-60.3	83.	0.0104	0.0106	0.4228	254.0	13.2
9891.	259.0	-59.1	41.7	41.7	-60.5	83.	0.0101	0.0103	0.4215	256.0	12.9
9915.	258.0	-59.1	42.0	42.0	-60.5	83.	0.0101	0.0103	0.4199	259.0	12.6
9940.	257.0	-59.1	42.4	42.4	-60.5	83.	0.0101	0.0103	0.4183	262.0	12.3
9962.	256.1	-59.1	42.7	42.7	-60.5	83.	0.0101	0.0103	0.4168	263.0	12.0
9984.	255.2	-59.1	42.7	42.7	-60.5	83.	0.0099	0.0101	0.4157	268.0	11.8
10006.	254.3	-59.1	42.9	42.9	-60.5	83.	0.0097	0.0099	0.4145	270.0	11.6
10030.	253.3	-59.1	43.1	43.1	-60.5	83.	0.0096	0.0098	0.4130	273.0	10.7
10055.	252.3	-59.1	43.3	43.3	-61.2	83.	0.0092	0.0094	0.4120	279.0	10.0
10082.	251.2	-59.1	43.7	43.7	-61.0	83.	0.0095	0.0097	0.4098	99.9	99.9
10112.	250.0	-59.2	44.6	44.6	-60.7	83.	0.0098	0.0101	0.4073	99.9	99.9
10144.	248.9	-59.3	45.1	45.1	-60.4	83.	0.0104	0.0106	0.4047	99.9	99.9
10167.	247.9	-59.3	45.4	45.4	-60.7	83.	0.0099	0.0101	0.4037	99.9	99.9
10195.	246.7	-59.4	45.8	45.8	-61.0	83.	0.0095	0.0097	0.4024	99.9	99.9
10226.	245.5	-59.9	46.3	46.3	-61.3	83.	0.0091	0.0093	0.4011	99.9	99.9
10259.	244.2	-60.2	46.7	46.7	-61.4	83.	0.0090	0.0092	0.3991	99.9	99.9
10295.	242.8	-61.0	46.8	46.8	-61.4	83.	0.0090	0.0092	0.3968	99.9	99.9
10331.	241.4	-61.4	46.4	46.4	-61.6	83.	0.0087	0.0090	0.3949	99.9	99.9
10367.	240.0	-61.8	46.2	46.2	-61.9	83.	0.0084	0.0086	0.3932	99.9	99.9
10403.	238.6	-62.1	46.7	46.7	-62.1	83.	0.0082	0.0084	0.3912	99.9	99.9
10440.	237.2	-62.4	47.0	47.0	-62.3	83.	0.0079	0.0082	0.3893	99.9	99.9
10474.	235.9	-62.1	47.2	47.2	-62.5	83.	0.0077	0.0080	0.3875	99.9	99.9
10505.	234.7	-62.4	47.4	47.4	-62.7	83.	0.0075	0.0077	0.3859	99.9	99.9
10534.	233.6	-62.7	47.5	47.5	-62.8	83.	0.0073	0.0075	0.3845	99.9	99.9
10564.	232.5	-62.7	47.6	47.6	-62.8	83.	0.0071	0.0077	0.3835	99.9	99.9
10589.	231.6	-62.8	47.7	47.7	-62.9	83.	0.0069	0.0071	0.3819	99.9	99.9
10614.	230.6	-62.8	47.6	47.6	-62.9	83.	0.0066	0.0069	0.3808	267.0	25.4
10638.	229.7	-62.8	47.6	47.7	-63.7	83.	0.0065	0.0067	0.3797	263.0	26.2
10660.	228.7	-62.8	47.7	47.7	-63.4	83.	0.0065	0.0067	0.3784	261.0	26.8
10689.	227.8	-62.8	47.8	47.8	-64.1	83.	0.0061	0.0063	0.3773	258.0	27.4
10714.	226.7	-62.7	47.8	47.8	-64.0	83.	0.0062	0.0064	0.3756	257.0	27.7
10738.	226.0	-62.8	48.0	47.9	-64.1	83.	0.0061	0.0063	0.3743	257.0	28.1
10763.	225.1	-62.8	48.2	48.2	-64.2	83.	0.0061	0.0063	0.3730	256.0	28.7
10787.	224.2	-62.8	48.1	48.1	-64.3	83.	0.0060	0.0063	0.3715	255.0	29.4
10815.	223.2	-62.7	48.0	48.0	-64.3	83.	0.0060	0.0064	0.3695	254.0	29.9
10843.	222.2	-62.8	48.0	48.0	-63.8	83.	0.0064	0.0066	0.3675	254.0	29.4
10868.	221.3	-62.5	48.2	48.2	-63.6	83.	0.0066	0.0069	0.3656	254.0	29.1
10898.	220.2	-61.9	48.2	48.2	-63.1	83.	0.0069	0.0071	0.3633	254.0	28.6
10924.	219.3	-61.7	48.3	48.3	-62.9	83.	0.0071	0.0073	0.3613	253.0	28.1
10952.	218.3	-61.6	48.7	48.7	-62.8	83.	0.0073	0.0075	0.3593	253.0	27.7
10977.	217.4	-61.4	49.4	49.4	-62.7	83.	0.0075	0.0077	0.3575	252.0	27.4
11006.	216.5	-61.2	50.2	50.2	-62.4	83.	0.0081	0.0083	0.3557	252.0	27.1
11025.	215.8	-60.8	50.8	50.8	-62.2	83.	0.0083	0.0085	0.3540	253.0	26.9
11046.	215.0	-60.4	51.2	51.2	-61.9	83.	0.0085	0.0087	0.3524	253.0	26.7
11067.	214.3	-60.4	52.2	52.2	-61.7	83.	0.0087	0.0089	0.3509	253.0	26.1
11093.	213.4	-60.0	52.7	52.7	-61.7	83.	0.0089	0.0091	0.3493	253.0	25.6
11119.	212.6	-60.4	53.8	53.8	-61.8	83.	0.0087	0.0089	0.3480	253.0	25.1
11145.	211.6	-60.3	54.3	54.3	-61.2	83.	0.0094	0.0096	0.3455	252.0	24.6
11172.	210.7	-59.1	55.0	55.0	-60.6	83.	0.0101	0.0103	0.3423	252.0	24.1
11199.	209.8	-58.8	55.7	55.7	-59.9	83.	0.0110	0.0112	0.3400	252.0	23.6
11223.	208.9	-58.1	56.3	56.3	-59.4	83.	0.0117	0.0119	0.3384	252.0	23.2
11247.	208.2	-57.7	56.9	56.9	-59.1	83.	0.0124	0.0126	0.3366	252.0	22.8
11268.	207.5	-57.4	57.4	57.4	-58.9	83.	0.0127	0.0129	0.3350	252.0	22.5
11289.	206.8	-56.9	57.9	57.9	-58.6	83.	0.0134	0.0136	0.3334	252.0	22.2
11314.	206.0	-56.5	58.4	58.4	-58.2	83.	0.0142	0.0144	0.3318	252.0	21.9
11338.	205.2	-56.1	58.9	58.9	-57.8	83.	0.0150	0.0152	0.3302	252.0	21.6
11363.	204.4	-55.7	59.4	59.4	-57.4	83.	0.0161	0.0163	0.3287	252.0	21.3
11387.	203.6	-55.4	59.8	59.8	-57.1	83.	0.0170	0.0171	0.3273	252.0	21.0
11412.	202.8	-55.0	60.3	60.3	-56.7	83.	0.0180	0.0181	0.3258	252.0	20.7
11433.	202.1	-54.7	60.7	60.7	-56.4	83.	0.0189	0.0190	0.3244	252.0	20.4
11455.	201.3	-54.4	61.2	61.2	-56.1	83.	0.0199	0.0201	0.3230	252.0	20.1
11483.	200.5	-54.0	61.7	61.7	-55.7	83.	0.0211	0.0213	0.3214	252.0	19.8
11506.	199.7	-53.7	62.1	62.1	-55.4	83.	0.0222	0.0224	0.3200	252.0	19.5
11532.	199.0	-53.4	62.6	62.6	-55.1	83.	0.0233	0.0235	0.3187	252.0	19.2
11554.	198.1	-53.0	63.0	63.0	-54.7	83.	0.0245	0.0247	0.3173	252.0	18.9
11579.	197.3	-52.7	63.5	63.5	-54.4	83.	0.0257	0.0259	0.3158	252.0	18.6
11602.	196.5	-52.4	63.9	63.9	-54.1	83.	0.0270	0.0272	0.3144	252.0	18.3
11624.	195.8	-52.0	64.4	64.4	-53.7	83.	0.0283	0.0285	0.3131	252.0	18.0
11647.	195.0	-51.7	64.8	64.8	-53.4	83.	0.0297	0.0299	0.3117	252.0	17.7
11671.	194.2	-51.4	65.3	65.3	-53.1	83.	0.0312	0.0314	0.3103	252.0	17.4
11694.	193.5	-51.0	65.7	65.7	-52.7	83.	0.0327	0.0329	0.3090	252.0	17.1
11717.	192.7	-50.7	66.2	66.2	-52.4	83.	0.0343	0.0345	0.3076	252.0	16.8
11741.	192.0	-50.4	66.6	66.6	-52.1	83.	0.0360	0.0362	0.3063	252.0	16.5
11764.	191.2	-50.0	67.1	67.1	-51.7	83.	0.0378	0.0380	0.3049	252.0	16.2
11788.	190.5	-49.7	67.5	67.5	-51.4	83.	0.0396	0.0398	0.3036	252.0	15.9
11811.	189.8	-49.4	68.0	68.0	-51.1	83.	0.0415	0.0417	0.3023	252.0	15.6
11835.	189.0	-49.0	68.4	68.4	-50.7	83.	0.0435	0.0437	0.3009	252.0	15.3
11858.	188.3	-48.7	68.9	68.9	-50.4	83.	0.0456	0.0458	0.2996	252.0	15.0
11882.	187.6	-48.4	69.3	69.3	-50.1	83.	0.0478	0.0480	0.2983	252.0	14.7
11905.	186.8	-48.0	69.8	69.8	-49.7	83.	0.0501	0.0503	0.2969	252.0	14.4
11929.	186.1	-47.7	70.2	70.2	-49.4	83.	0.0525	0.0527	0.2956	252.0	14.1
11952.	185.4	-47.4	70.7	70.7	-49.1	83.	0.0550	0.0552	0.2943	252.0	13.8
11976.	184.6	-47.0	71.1	71.1	-48.7	83.	0.0576	0.0578	0.2929	252.0	13.5
11999.	183.9	-46.7	71.6	71.6	-48.4	83.	0.0603	0.0605	0.2916	252.0	13.2
12023.	183.2	-46.4	72.0	72.0	-48.1	83.	0.0631	0.0633	0.2903	252.0	12.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11847.	198.0	-54.6	74.1	74.1	-57.2	81.	0.0110	0.0107	0.3151	270.0	33.4
11917.	197.5	-54.6	74.1	74.1	-57.2	81.	0.0110	0.0107	0.3116	270.0	33.4
11987.	196.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.3080	270.0	33.4
12057.	196.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.3045	270.0	33.4
12127.	195.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.3009	270.0	33.4
12197.	195.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2974	270.0	33.4
12267.	194.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2938	270.0	33.4
12337.	194.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2903	270.0	33.4
12407.	193.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2867	270.0	33.4
12477.	193.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2832	270.0	33.4
12547.	192.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2796	270.0	33.4
12617.	192.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2761	270.0	33.4
12687.	191.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2725	270.0	33.4
12757.	190.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2690	270.0	33.4
12827.	190.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2654	270.0	33.4
12897.	189.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2619	270.0	33.4
12967.	189.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2583	270.0	33.4
13037.	188.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2548	270.0	33.4
13107.	188.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2512	270.0	33.4
13177.	187.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2477	270.0	33.4
13247.	187.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2441	270.0	33.4
13317.	186.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2406	270.0	33.4
13387.	185.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2370	270.0	33.4
13457.	185.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2335	270.0	33.4
13527.	184.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2299	270.0	33.4
13597.	184.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2264	270.0	33.4
13667.	183.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2228	270.0	33.4
13737.	183.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2193	270.0	33.4
13807.	182.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2157	270.0	33.4
13877.	182.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2122	270.0	33.4
13947.	181.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2086	270.0	33.4
14017.	181.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2051	270.0	33.4
14087.	180.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.2015	270.0	33.4
14157.	179.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1980	270.0	33.4
14227.	179.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1944	270.0	33.4
14297.	178.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1909	270.0	33.4
14367.	178.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1873	270.0	33.4
14437.	177.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1838	270.0	33.4
14507.	177.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1802	270.0	33.4
14577.	176.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1767	270.0	33.4
14647.	176.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1731	270.0	33.4
14717.	175.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1696	270.0	33.4
14787.	174.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1660	270.0	33.4
14857.	174.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1625	270.0	33.4
14927.	173.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1589	270.0	33.4
14997.	173.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1554	270.0	33.4
15067.	172.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1518	270.0	33.4
15137.	172.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1483	270.0	33.4
15207.	171.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1447	270.0	33.4
15277.	171.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1412	270.0	33.4
15347.	170.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1376	270.0	33.4
15417.	170.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1341	270.0	33.4
15487.	169.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1305	270.0	33.4
15557.	168.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1270	270.0	33.4
15627.	168.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1234	270.0	33.4
15697.	167.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1199	270.0	33.4
15767.	167.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1163	270.0	33.4
15837.	166.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1128	270.0	33.4
15907.	166.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1092	270.0	33.4
15977.	165.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1057	270.0	33.4
16047.	165.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.1021	270.0	33.4
16117.	164.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0986	270.0	33.4
16187.	163.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0950	270.0	33.4
16257.	163.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0915	270.0	33.4
16327.	162.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0879	270.0	33.4
16397.	162.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0844	270.0	33.4
16467.	161.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0808	270.0	33.4
16537.	161.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0773	270.0	33.4
16607.	160.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0737	270.0	33.4
16677.	160.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0702	270.0	33.4
16747.	159.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0666	270.0	33.4
16817.	159.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0631	270.0	33.4
16887.	158.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0595	270.0	33.4
16957.	157.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0560	270.0	33.4
17027.	157.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0524	270.0	33.4
17097.	156.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0489	270.0	33.4
17167.	156.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0453	270.0	33.4
17237.	155.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0418	270.0	33.4
17307.	155.1	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0382	270.0	33.4
17377.	154.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0347	270.0	33.4
17447.	154.0	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0311	270.0	33.4
17517.	153.5	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0276	270.0	33.4
17587.	152.9	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0240	270.0	33.4
17657.	152.4	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0205	270.0	33.4
17727.	151.8	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0169	270.0	33.4
17797.	151.3	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0134	270.0	33.4
17867.	150.7	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0098	270.0	33.4
17937.	150.2	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0063	270.0	33.4
18007.	149.6	-54.7	74.1	74.1	-57.4	81.	0.0108	0.0105	0.0027	270.0	33.4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1497.	1[illegible]	-57.[illegible]	[illegible]	[illegible]	-58.6	[illegible]	0.0131	0.0132	0.1884	281.0	[illegible].7
1508.	12[illegible]	-57.8	[illegible]	[illegible]	-58.8	[illegible]	0.0127	0.0128	0.1876	281.0	35.6
1534.	12[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.0	[illegible]	0.0125	0.0127	0.1868	281.0	35.6
1560.	12[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.0	[illegible]	0.0124	0.0125	0.1861	281.0	35.5
1586.	[illegible]	-57.7	[illegible]	[illegible]	-59.1	[illegible]	0.0122	0.0124	0.1853	282.0	35.4
1717.	[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.[illegible]	[illegible]	0.0133	0.0133	0.1938	261.0	35.2
1743.	[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.1	[illegible]	0.0140	0.0140	0.1927	261.0	35.1
1769.	[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.4	[illegible]	0.0143	0.0144	0.1917	259.0	35.2
1796.	[illegible]	-56.7	[illegible]	[illegible]	-59.1	[illegible]	0.0140	0.0141	0.1911	282.0	35.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0136	0.0137	0.1904	282.0	35.2
1848.	117.[illegible]	-57.	[illegible]	[illegible]	-59.[illegible]	[illegible]	0.0134	0.0135	0.1899	282.0	35.[illegible]
1871.	117.7	-57.[illegible]	[illegible]	[illegible]	-59.5	[illegible]	0.0132	0.0133	0.1891	282.0	34.8
1895.	117.[illegible]	-57.1	[illegible]	[illegible]	-59.[illegible]	[illegible]	0.0132	0.0133	0.1885	282.0	34.7
1919.	117.[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.[illegible]	[illegible]	0.0134	0.0135	0.1878	282.0	34.5
1943.	117.[illegible]	-58.[illegible]	[illegible]	[illegible]	-59.[illegible]	[illegible]	0.0136	0.0137	0.1870	281.0	34.2
1968.	117.[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.[illegible]	[illegible]	0.0136	0.0137	0.1862	280.0	33.8
1993.	117.[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.4	[illegible]	0.0134	0.0135	0.1857	280.0	[illegible].[illegible]
[illegible]	117.[illegible]	-57.[illegible]	[illegible]	[illegible]	-59.7	[illegible]	0.0130	0.0130	0.1854	279.0	32.[illegible]

SOUNDING [illegible]
LATITUDE [illegible] LONGITUDE [illegible]
DATE 11-11-[illegible] TIME [illegible] GMT
NUMBER OF LEVELS [illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	-[illegible].7	94.	[illegible]	4.6546	1.2817	360.0	17.0
[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	-[illegible].7	94.	[illegible]	4.6371	1.2740	360.0	17.0
107.	[illegible]	-[illegible].7	[illegible]	1.[illegible]	-[illegible].[illegible]	95.	[illegible]	4.5282	1.2670	349.0	17.9
107.	[illegible]	-[illegible].1	[illegible]	1.[illegible]	-[illegible].1	95.	[illegible]	4.4572	1.2589	339.0	18.2
213.	[illegible]	-[illegible].7	1.[illegible]	1.[illegible]	-[illegible].3	95.	[illegible]	4.3871	1.2521	332.0	20.5
271.	[illegible]	-1.[illegible]	1.[illegible]	2.1	-1.[illegible]	96.	[illegible]	4.3270	1.2443	327.0	21.6
329.	[illegible]	-[illegible].7	2.4	[illegible]	-1.2	96.	[illegible]	4.2814	1.2341	323.0	22.4
388.	[illegible]	-[illegible].[illegible]	3.1	3.7	-[illegible].9	97.	[illegible]	4.5463	1.2246	320.0	23.0
447.	[illegible]	1.7	[illegible]	3.7	1.4	96.	[illegible]	5.3649	1.2073	317.0	23.4
486.	[illegible]	4.[illegible]	[illegible]	[illegible].7	3.9	96.	[illegible]	6.3235	1.1904	315.0	23.5
525.	[illegible]	4.[illegible]	[illegible]	10.4	3.9	96.	[illegible]	6.3471	1.1816	313.0	23.5
564.	[illegible]	4.[illegible]	10.[illegible]	11.[illegible]	3.7	96.	[illegible]	6.2656	1.1733	312.0	23.4
603.	[illegible]	4.[illegible]	10.[illegible]	11.[illegible]	3.3	94.	[illegible]	6.1008	1.1663	311.0	23.3
642.	[illegible]	4.[illegible]	11.[illegible]	11.[illegible]	3.2	93.	[illegible]	6.0391	1.1595	310.0	23.1
746.	[illegible]	4.[illegible]	11.[illegible]	12.4	3.[illegible]	92.	[illegible]	5.9774	1.1530	310.0	22.9
795.	[illegible]	4.[illegible]	11.[illegible]	12.[illegible]	3.[illegible]	91.	[illegible]	5.9551	1.1458	309.0	23.0
847.	[illegible]	4.[illegible]	12.7	13.[illegible]	2.[illegible]	92.	[illegible]	5.9322	1.1382	309.0	23.[illegible]
900.	[illegible]	4.[illegible]	13.[illegible]	14.1	2.[illegible]	92.	[illegible]	5.8795	1.1307	308.0	23.3
[illegible]	[illegible]	4.[illegible]	13.[illegible]	14.7	1.[illegible]	78.	[illegible]	5.2131	1.1222	308.0	23.4
10[illegible]	[illegible]	[illegible]	[illegible]	15.[illegible]	-1.[illegible]	67.	[illegible]	4.5424	1.1144	308.0	23.[illegible]
[illegible]	[illegible]	4.[illegible]	[illegible]	15.[illegible]	-2.[illegible]	58.	[illegible]	4.0135	1.1063	307.0	23.7
1105.	[illegible]	4.[illegible]	[illegible]	16.4	-4.6	50.	[illegible]	3.5086	1.0984	307.0	23.8
1167.	[illegible]	4.[illegible]	[illegible]	16.[illegible]	-6.3	44.	[illegible]	3.1069	1.0911	307.0	24.1
1211.	[illegible]	4.[illegible]	[illegible]	17.[illegible]	-6.[illegible]	38.	[illegible]	2.7517	1.0841	307.0	24.4
1255.	[illegible]	4.7	17.[illegible]	17.[illegible]	-8.1	34.	[illegible]	2.7334	1.0778	308.0	25.[illegible]
1311.	[illegible]	4.[illegible]	17.6	18.[illegible]	-8.2	39.	[illegible]	2.3206	1.0714	308.0	25.3
1361.	[illegible]	4.4	17.[illegible]	18.[illegible]	-8.3	39.	[illegible]	2.2744	1.0656	309.0	25.8
1414.	[illegible]	4.[illegible]	18.[illegible]	18.6	-8.5	39.	[illegible]	3.2247	1.0595	310.0	26.2
1465.	[illegible]	4.1	18.[illegible]	19.1	-8.6	39.	[illegible]	3.2361	1.0532	311.0	26.7
1515.	[illegible]	3.[illegible]	18.[illegible]	19.3	-8.6	40.	[illegible]	3.2196	1.0479	312.0	27.2
1566.	[illegible]	3.[illegible]	19.1	19.[illegible]	-8.[illegible]	42.	[illegible]	3.3098	1.0422	313.0	27.8
1620.	[illegible]	2.[illegible]	19.3	19.7	-8.5	42.	[illegible]	3.2403	1.0367	313.0	28.2
1671.	[illegible]	2.[illegible]	19.4	19.[illegible]	-8.5	43.	[illegible]	3.2247	1.0316	314.0	28.6
1722.	[illegible]	2.4	19.5	19.[illegible]	-8.3	45.	[illegible]	3.2806	1.0270	315.0	29.0
1772.	[illegible]	2.[illegible]	19.6	20.[illegible]	-8.4	46.	[illegible]	3.2546	1.0219	315.0	29.4
1823.	[illegible]	1.[illegible]	19.[illegible]	20.1	-8.3	48.	[illegible]	3.2806	1.0170	316.0	29.7
1879.	[illegible]	1.[illegible]	19.[illegible]	[illegible]	-8.6	48.	[illegible]	3.1648	1.0124	316.0	29.9
1927.	[illegible]	[illegible]	19.7	20.1	-8.1	48.	[illegible]	3.0747	1.0073	317.0	30.3
1976.	[illegible]	[illegible]	19.[illegible]	20.[illegible]	-8.4	48.	[illegible]	3.0566	1.0023	317.0	30.5
2024.	[illegible]	-0.[illegible]	[illegible]	20.4	-7.6	52.	[illegible]	3.1631	0.9978	317.0	30.6
2077.	[illegible]	-0.6	[illegible]	20.[illegible]	-7.[illegible]	58.	[illegible]	3.3853	0.9932	317.0	30.7
2127.	[illegible]	-1.1	[illegible]	20.5	-6.2	65.	[illegible]	3.6398	0.9891	317.0	30.8
2180.	[illegible]	-1.[illegible]	[illegible]	20.6	-5.3	73.	[illegible]	3.9211	0.9846	317.0	30.9
2235.	[illegible]	-2.2	[illegible]	[illegible]	-4.5	82.	[illegible]	4.1891	0.9801	317.0	30.9
2287.	[illegible]	-2.5	20.2	20.[illegible]	-3.7	90.	[illegible]	4.4835	0.9750	316.0	31.0
2339.	[illegible]	-2.[illegible]	[illegible]	21.2	-4.1	[illegible]	[illegible]	4.3472	0.9689	316.0	31.0
2389.	[illegible]	-2.7	[illegible]	21.6	-4.6	[illegible]	[illegible]	4.1638	0.9631	316.0	31.0
2434.	[illegible]	-2.[illegible]	[illegible]	21.[illegible]	-5.1	[illegible]	[illegible]	[illegible].9979	0.9583	316.0	31.0
2482.	[illegible]	-3.1	[illegible]	22.2	-5.2	[illegible]	[illegible]	3.9784	0.9532	315.0	31.[illegible]
2529.	[illegible]	-3.4	21.7	22.4	-5.0	87.	[illegible]	4.0174	0.9486	315.0	30.[illegible]
2580.	[illegible]	-3.7	[illegible]	22.6	-5.1	89.	[illegible]	4.0068	0.9435	315.0	30.9
2632.	[illegible]	-3.9	[illegible]	22.[illegible]	-5.1	90.	[illegible]	3.9836	0.9380	315.0	[illegible].[illegible]
2688.	[illegible]	-4.1	[illegible]	[illegible]	-5.5	89.	[illegible]	3.8730	0.9320	315.0	[illegible].4
2741.	[illegible]	-4.[illegible]	[illegible]	23.6	-5.7	89.	[illegible]	3.8076	0.9264	315.0	30.6
2792.	[illegible]	-4.[illegible]	23.2	23.[illegible]	-5.8	90.	[illegible]	3.7933	0.9215	315.0	30.5
2842.	[illegible]	-4.[illegible]	[illegible]	24.2	-5.9	91.	[illegible]	3.7307	0.9163	315.0	30.5
2889.	[illegible]	-4.[illegible]	24.0	24.5	-6.0	91.	[illegible]	3.6949	0.9111	315.0	30.4
2938.	[illegible]	-5.[illegible]	24.4	[illegible]	-6.1	91.	[illegible]	3.6674	0.9059	316.0	30.3
2985.	[illegible]	-5.1	[illegible]	25.4	-6.5	89.	[illegible]	3.5562	0.9007	316.0	30.2
3032.	[illegible]	-5.[illegible]	25.[illegible]	25.7	-6.8	87.	[illegible]	3.4466	0.8956	316.0	29.9
3078.	[illegible]	-5.4	25.[illegible]	26.[illegible]	-7.1	86.	[illegible]	3.3490	0.8910	316.0	29.6
3126.	[illegible]	-5.6	[illegible]	26.3	-7.3	86.	[illegible]	3.2920	0.8861	316.0	29.2
3174.	[illegible]	-5.[illegible]	[illegible]	26.5	-7.8	85.	[illegible]	3.1708	0.8817	317.0	29.2
3225.	[illegible]	-6.[illegible]	26.1	26.7	-8.2	84.	[illegible]	3.0535	0.8768	317.0	29.[illegible]
3282.	[illegible]	-6.4	26.[illegible]	26.[illegible]	-8.8	81.	[illegible]	2.8940	0.8732	317.0	28.9
3334.	[illegible]	-6.[illegible]	26.[illegible]	27.[illegible]	-9.3	79.	[illegible]	2.7741	0.8690	317.0	28.8
3347.	[illegible]	-6.[illegible]	26.7	27.2	-9.7	78.	[illegible]	2.6697	0.8652	317.0	28.7
3386.	[illegible]	-7.1	26.[illegible]	27.4	-10.1	77.	[illegible]	2.5691	0.8615	317.0	28.5
3428.	[illegible]	-7.3	27.1	27.[illegible]	-10.3	77.	[illegible]	2.5445	0.8575	317.0	28.3
3465.	[illegible]	-7.[illegible]	27.[illegible]	27.6	-10.4	78.	[illegible]	2.5116	0.8545	316.0	28.2
3504.	[illegible]	-7.[illegible]	27.[illegible]	27.7	-10.4	80.	[illegible]	2.5058	0.8510	316.0	28.[illegible]
3545.	[illegible]	-8.2	27.4	27.9	-10.4	82.	[illegible]	2.5044	0.8475	316.0	28.0
3587.	[illegible]	-8.[illegible]	27.[illegible]	28.0	-10.2	86.	[illegible]	2.5589	0.8439	316.0	27.9
3632.	[illegible]	-8.7	27.[illegible]	28.2	-10.4	86.	[illegible]	2.5143	0.8399	316.0	27.9
3669.	[illegible]	-8.[illegible]	28.0	28.4	-10.5	87.	[illegible]	2.4991	0.8363	316.0	27.9
3712.	[illegible]	-9.2	28.1	28.6	-10.[illegible]	89.	[illegible]	2.4898	0.8326	316.0	27.9
3756.	[illegible]	-9.4	28.[illegible]	28.[illegible]	-10.7	89.	[illegible]	2.4462	0.8284	316.0	27.9
3797.	[illegible]	-9.7	28.[illegible]	28.9	-11.3	87.	[illegible]	2.3266	0.8249	316.0	27.7
3837.	[illegible]	-9.[illegible]	28.7	29.1	-11.6	86.	[illegible]	2.2613	0.8213	316.0	27.7
3874.	[illegible]	-10.1	28.[illegible]	29.3	-11.9	85.	[illegible]	2.1957	0.8179	316.0	27.[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3914.	616.0	-10.3	29.1	29.5	-12.2	64.	2.1316	1.7703	0.8142	316.0	27.7
3957.	609.0	-10.5	29.4	29.8	-12.7	62.	2.0441	1.7006	0.8102	316.0	27.7
3996.	606.5	-10.7	29.6	30.0	-13.2	60.	1.9589	1.6327	0.8067	316.0	27.8
4037.	603.3	-11.0	29.7	30.1	-13.9	57.	1.8356	1.5341	0.8032	316.0	27.8
4071.	600.6	-11.3	29.7	30.1	-14.9	52.	1.6709	1.4020	0.8004	317.0	27.8
4110.	597.6	-11.5	29.9	30.3	-16.0	46.	1.5044	1.2678	0.7969	317.0	27.8
4148.	594.6	-11.7	30.2	30.4	-17.1	41.	1.3656	1.1556	0.7934	317.0	27.8
4185.	591.7	-12.0	30.2	30.5	-17.7	39.	1.2856	1.0916	0.7904	317.0	27.8
4224.	588.7	-12.3	30.3	30.6	-17.8	40.	1.2725	1.0799	0.7873	317.0	27.8
4267.	585.4	-12.6	30.5	30.7	-17.9	41.	1.2590	1.0695	0.7838	317.0	27.8
4310.	582.1	-12.9	30.6	30.8	-18.1	42.	1.2453	1.0578	0.7802	317.0	27.8
4351.	579.0	-13.3	30.6	30.8	-18.4	42.	1.2308	1.0216	0.7772	317.0	27.8
4392.	575.9	-13.7	30.6	30.8	-19.0	41.	1.1391	0.9712	0.7742	317.0	27.8
4430.	573.0	-14.0	30.7	30.9	-19.3	41.	1.1263	0.9460	0.7712	317.0	27.7
4470.	570.0	-14.4	30.9	31.1	-19.3	42.	1.1060	0.9441	0.7678	316.0	27.8
4512.	566.8	-14.8	31.0	31.3	-19.4	43.	1.0953	0.9337	0.7643	316.0	27.8
4555.	563.6	-15.2	31.0	31.1	-19.4	46.	1.0838	0.9341	0.7618	316.0	27.7
4597.	560.5	-15.5	30.8	31.1	-19.4	49.	1.0919	0.9325	0.7588	315.0	27.7
4642.	557.1	-15.9	30.9	31.1	-19.7	70.	1.0673	0.9124	0.7553	315.0	27.7
4687.	553.8	-16.3	30.9	31.1	-19.9	71.	1.0430	0.8925	0.7520	315.0	27.5
4731.	550.6	-16.6	31.1	31.3	-20.1	72.	1.0285	0.8806	0.7485	314.0	27.5
4773.	547.5	-16.8	31.3	31.5	-20.1	73.	1.0097	0.8654	0.7449	314.0	27.5
4813.	544.6	-17.1	31.4	31.6	-20.3	74.	1.0087	0.8643	0.7418	315.0	27.1
4857.	541.4	-17.4	31.6	31.8	-20.4	75.	0.9939	0.8522	0.7383	313.0	26.9
4901.	538.2	-17.6	31.9	32.1	-20.3	77.	1.0014	0.8563	0.7345	312.0	26.5
4944.	535.1	-17.8	32.1	32.3	-20.3	79.	1.0082	0.8639	0.7309	311.0	26.1
4986.	532.1	-18.0	32.4	32.6	-20.3	80.	1.0019	0.8587	0.7277	311.0	25.7
5026.	529.3	-18.2	32.6	32.8	-20.3	82.	1.0077	0.8635	0.7241	310.0	25.4
5067.	526.4	-18.3	33.0	33.2	-20.5	81.	0.9860	0.8457	0.7204	309.0	25.1
5107.	523.6	-18.4	33.3	33.5	-21.0	78.	0.9496	0.8082	0.7168	309.0	24.7
5145.	520.9	-18.6	33.5	33.7	-21.7	74.	0.8795	0.7546	0.7136	309.0	24.6
5182.	518.3	-18.8	33.7	33.9	-22.4	71.	0.8242	0.7121	0.7106	308.0	24.3
5220.	515.7	-19.1	33.8	34.0	-22.9	69.	0.7785	0.6741	0.7078	308.0	24.1
5260.	512.9	-19.4	33.9	34.1	-23.2	69.	0.7565	0.6559	0.7048	307.0	23.9
5305.	509.8	-19.6	34.2	34.4	-23.4	69.	0.7422	0.6440	0.7011	307.0	23.8
5346.	507.0	-19.9	34.4	34.6	-23.7	69.	0.7211	0.6264	0.6980	307.0	23.9
5387.	504.2	-20.2	34.4	34.6	-24.0	69.	0.7027	0.6094	0.6950	306.0	24.0
5432.	501.1	-20.6	34.6	34.8	-24.3	69.	0.6827	0.5927	0.6915	306.0	24.0
5480.	497.9	-20.9	34.7	34.9	-24.7	69.	0.6581	0.5712	0.6882	306.0	24.1
5524.	494.9	-21.3	34.7	34.9	-24.9	70.	0.6392	0.5586	0.6851	306.0	24.3
5574.	491.6	-21.7	34.8	35.0	-25.2	71.	0.6236	0.5449	0.6816	306.0	24.6
5623.	488.3	-22.2	34.7	34.9	-25.5	73.	0.6048	0.5291	0.6786	306.0	24.7
5670.	485.2	-22.8	34.6	34.8	-25.7	75.	0.5916	0.5191	0.6757	306.0	24.8
5715.	482.2	-23.4	34.7	34.8	-26.0	76.	0.5764	0.5053	0.6726	306.0	25.2
5756.	479.5	-23.1	35.3	35.4	-26.8	69.	0.5285	0.4649	0.6685	306.0	25.4
5794.	477.0	-23.5	35.9	36.0	-27.8	62.	0.4796	0.4255	0.6647	306.0	25.6
5834.	474.4	-22.9	36.6	36.8	-28.7	56.	0.4374	0.3877	0.6608	306.0	25.9
5873.	471.9	-23.1	36.8	36.9	-29.7	51.	0.3985	0.3510	0.6575	306.0	26.0
5912.	469.4	-23.3	36.9	37.1	-30.6	51.	0.3830	0.3412	0.6548	306.0	26.1
5949.	467.0	-23.6	37.0	37.1	-30.4	50.	0.3645	0.3254	0.6522	306.0	26.4
5982.	464.9	-23.8	37.2	37.3	-30.8	49.	0.3502	0.3132	0.6498	306.0	26.5
6017.	462.7	-24.0	37.3	37.4	-31.2	48.	0.3364	0.3012	0.6472	306.0	26.5
6055.	460.4	-24.3	37.4	37.5	-31.9	46.	0.3129	0.2810	0.6446	306.0	26.5
6089.	458.1	-24.5	37.6	37.7	-32.5	44.	0.2934	0.2642	0.6421	307.0	26.7
6126.	455.8	-24.7	37.8	37.9	-32.9	43.	0.2811	0.2535	0.6393	307.0	26.7
6161.	453.7	-25.0	37.9	38.0	-33.2	42.	0.2728	0.2463	0.6372	307.0	26.6
6195.	451.5	-25.2	38.1	38.2	-33.6	42.	0.2612	0.2362	0.6346	307.0	26.4
6233.	449.1	-25.4	38.2	38.4	-33.8	42.	0.2560	0.2317	0.6317	307.0	26.3
6274.	446.6	-25.7	38.4	38.4	-34.0	42.	0.2494	0.2251	0.6289	307.0	26.2
6319.	444.4	-26.0	38.4	38.6	-34.5	41.	0.2358	0.2137	0.6266	307.0	26.1
6347.	442.1	-26.3	38.5	38.6	-34.6	41.	0.2282	0.2075	0.6241	306.0	26.0
6381.	440.0	-26.6	38.6	38.8	-35.1	41.	0.2215	0.2016	0.6219	306.0	25.8
6422.	437.6	-26.9	38.7	38.9	-35.6	40.	0.2096	0.1912	0.6192	306.0	25.8
6457.	435.4	-27.2	38.7	38.9	-36.0	40.	0.2032	0.1857	0.6169	306.0	25.7
6498.	432.9	-27.4	38.9	39.0	-36.5	39.	0.1892	0.1733	0.6136	310.0	25.6
6543.	430.4	-27.7	39.1	39.2	-37.6	38.	0.1641	0.1506	0.6110	311.0	25.4
6575.	428.5	-27.9	39.2	39.3	-38.1	37.	0.1562	0.1441	0.6085	311.0	25.2
6614.	426.0	-28.2	39.4	39.4	-38.1	37.	0.1423	0.1317	0.6060	311.0	24.9
6652.	423.7	-28.5	39.4	39.5	-38.7	36.	0.1335	0.1239	0.6034	310.0	24.8
6691.	421.5	-28.8	39.5	39.6	-39.2	36.	0.1261	0.1171	0.6013	310.0	24.7
6730.	419.1	-29.1	39.6	39.7	-39.4	36.	0.1184	0.1100	0.5988	311.0	24.5
6768.	416.9	-29.4	39.7	39.8	-39.8	36.	0.1179	0.1100	0.5967	313.0	24.4
6807.	414.6	-29.7	39.8	39.9	-40.1	36.	0.1151	0.1057	0.5943	312.0	24.3
6843.	412.6	-30.0	39.8	39.9	-40.2	36.	0.1121	0.1048	0.5925	312.0	24.1
6881.	410.5	-30.3	39.8	39.9	-40.6	36.	0.1078	0.1006	0.5901	311.0	24.0
6921.	408.2	-30.7	39.8	39.9	-40.8	36.	0.1076	0.1006	0.5875	311.0	23.7
6965.	405.8	-31.0	39.9	40.0	-40.9	36.	0.1042	0.0976	0.5851	310.0	23.5
7003.	403.8	-31.3	39.9	40.0	-40.2	36.	0.1005	0.0937	0.5825	310.0	23.4
7047.	401.4	-31.7	39.7	39.7	-40.0	36.	0.0938	0.0882	0.5796	310.0	23.2
7092.	399.2	-32.0	39.8	39.8	-40.4	36.	0.0870	0.0820	0.5767	310.0	23.1
7142.	396.4	-32.4	39.8	39.8	-40.1	36.	0.0816	0.0762	0.5736	311.0	22.9
7190.	393.7	-32.8	39.8	39.8	-40.5	36.	0.0774	0.0724	0.5709	311.0	22.7
7238.	391.0	-33.2	39.8	39.8	-40.6	36.	0.0757	0.0718	0.5679	310.0	22.6
7285.	388.4	-33.6	39.8	39.8	-40.8	36.	0.0741	0.0703	0.5655	310.0	22.5
7329.	386.0	-34.0	39.8	39.8	-40.9	36.	0.0725	0.0688	0.5632	311.0	22.4
7374.	383.5	-34.4	39.8	39.8	-41.1	36.	0.0716	0.0680	0.5603	311.0	22.3
7421.	380.9	-34.8	39.8	39.8	-41.4	36.	0.0700	0.0665	0.5574	311.0	22.1
7471.	378.2	-35.2	39.8	39.8	-41.7	36.	0.0687	0.0657	0.5546	311.0	22.0
7521.	375.4	-35.6	39.8	39.8	-41.8	36.	0.0670	0.0643	0.5523	312.0	21.9
7569.	372.8	-36.0	39.7	39.7	-41.9	36.	0.0654	0.0627	0.5499	312.0	21.8
7620.	370.0	-36.4	39.7	39.7	-41.9	36.	0.0641	0.0611	0.5476	312.0	21.7
7671.	367.3	-36.8	39.7	39.7	-41.9	36.	0.0624	0.0600	0.5452	312.0	21.7
7726.	364.4	-37.2	39.7	39.7	-42.0	36.	0.0611	0.0587	0.5426	312.0	21.6
7776.	361.8	-37.6	39.7	39.7	-42.0	36.	0.0598	0.0575	0.5405	312.0	21.5
7825.	359.4	-38.0	39.7	39.7	-42.1	36.	0.0587	0.0564	0.5385	312.0	21.4
7875.	356.9	-38.4	39.7	39.7	-42.2	36.	0.0577	0.0554	0.5365	312.0	21.3
7926.	354.4	-38.8	39.7	39.7	-42.3	36.	0.0567	0.0545	0.5345	312.0	21.2
7978.	351.8	-39.2	39.7	39.7	-42.4	36.	0.0557	0.0535	0.5325	312.0	21.1
8031.	349.2	-39.6	39.7	39.7	-42.5	36.	0.0547	0.0526	0.5306	312.0	21.0
8085.	346.6	-40.0	39.7	39.7	-42.6	36.	0.0537	0.0516	0.5287	312.0	20.9
8140.	344.0	-40.4	39.7	39.7	-42.7	36.	0.0527	0.0507	0.5268	312.0	20.8
8195.	341.4	-40.8	39.7	39.7	-42.8	36.	0.0518	0.0498	0.5249	312.0	20.7
8251.	338.8	-41.2	39.7	39.7	-42.9	36.	0.0508	0.0489	0.5230	312.0	20.6
8308.	336.2	-41.6	39.7	39.7	-43.0	36.	0.0499	0.0480	0.5211	312.0	20.5
8366.	333.6	-42.0	39.7	39.7	-43.1	36.	0.0490	0.0471	0.5192	312.0	20.4
8425.	330.9	-42.4	39.7	39.7	-43.2	36.	0.0481	0.0462	0.5173	312.0	20.3
8484.	328.3	-42.8	39.7	39.7	-43.3	36.	0.0472	0.0453	0.5154	312.0	20.2
8544.	325.7	-43.2	39.7	39.7	-43.4	36.	0.0463	0.0445	0.5135	312.0	20.1
8605.	323.1	-43.6	39.7	39.7	-43.5	36.	0.0454	0.0436	0.5117	312.0	20.0
8667.	320.5	-44.0	39.7	39.7	-43.6	36.	0.0445	0.0427	0.5098	312.0	19.9
8730.	317.9	-44.4	39.7	39.7	-43.7	36.	0.0436	0.0418	0.5079	312.0	19.8
8794.	315.3	-44.8	39.7	39.7	-43.8	36.	0.0427	0.0409	0.5060	312.0	19.7
8858.	312.7	-45.2	39.7	39.7	-43.9	36.	0.0418	0.0400	0.5041	312.0	19.6
8924.	310.1	-45.6	39.7	39.7	-44.0	36.	0.0409	0.0391	0.5022	312.0	19.5
8990.	307.5	-46.0	39.7	39.7	-44.1	36.	0.0400	0.0382	0.5003	312.0	19.4
9057.	304.9	-46.4	39.7	39.7	-44.2	36.	0.0391	0.0373	0.4984	312.0	19.3
9125.	302.3	-46.8	39.7	39.7	-44.3	36.	0.0382	0.0364	0.4965	312.0	19.2
9194.	299.7	-47.2	39.7	39.7	-44.4	36.	0.0373	0.0355	0.4946	312.0	19.1
9264.	297.1	-47.6	39.7	39.7	-44.5	36.	0.0364	0.0346	0.4927	312.0	19.0
9335.	294.5	-48.0	39.7	39.7	-44.6	36.	0.0355	0.0337	0.4908	312.0	18.9
9407.	291.9	-48.4	39.7	39.7	-44.7	36.	0.0346	0.0328	0.4889	312.0	18.8
9480.	289.3	-48.8	39.7	39.7	-44.8	36.	0.0337	0.0319	0.4870	312.0	18.7
9554.	286.7	-49.2	39.7	39.7	-44.9	36.	0.0328	0.0310	0.4851	312.0	18.6
9629.	284.1	-49.6	39.7	39.7	-45.0	36.	0.0319	0.0301	0.4832	312.0	18.5
9705.	281.5	-50.0	39.7	39.7	-45.1	36.	0.0310	0.0292	0.4813	312.0	18.4
9782.	278.9	-50.4	39.7	39.7	-45.2	36.	0.0301	0.0283	0.4794	312.0	18.3
9860.	276.3	-50.8	39.7	39.7	-45.3	36.	0.0292	0.0274	0.4775	312.0	18.2
9939.	273.7	-51.2	39.7	39.7	-45.4	36.	0.0283	0.0265	0.4756	312.0	18.1
10019.	271.1	-51.6	39.7	39.7	-45.5	36.	0.0274	0.0256	0.4737	312.0	18.0
10100.	268.5	-52.0	39.7	39.7	-45.6	36.	0.0265	0.0247	0.4718	312.0	17.9
10182.	265.9	-52.4	39.7	39.7	-45.7	36.	0.0256	0.0238	0.4699	312.0	17.8
10265.	263.3	-52.8	39.7	39.7	-45.8	36.	0.0247	0.0229	0.4680	312.0	17.7
10349.	260.7	-53.2	39.7	39.7	-45.9	36.	0.0238	0.0220	0.4661	312.0	17.6
10434.	258.1	-53.6	39.7	39.7	-46.0	36.	0.0229	0.0211	0.4642	312.0	17.5
10520.	255.5	-54.0	39.7	39.7	-46.1	36.	0.0220	0.0202	0.4623	312.0	17.4
10607.	252.9	-54.4	39.7	39.7	-46.2	36.	0.0211	0.0193	0.4604	312.0	17.3
10695.	250.3	-54.8	39.7	39.7	-46.3	36.	0.0202	0.0184	0.4585	312.0	17.2
10784.	247.7	-55.2	39.7	39.7	-46.4	36.	0.0193	0.0175	0.4566	312.0	17.1
10874.	245.1	-55.6	39.7	39.7	-46.5	36.	0.0184	0.0166	0.4547	312.0	17.0
10965.	242.5	-56.0	39.7	39.7	-46.6	36.	0.0175	0.0157	0.4528	312.0	16.9
11057.	239.9	-56.4	39.7	39.7	-46.7	36.	0.0166	0.0148	0.4509	312.0	16.8
11150.	237.3	-56.8	39.7	39.7	-46.8	36.	0.0157	0.0139	0.4490	312.0	16.7
11244.	234.7	-57.2	39.7	39.7	-46.9	36.	0.0148	0.0130	0.4471	312.0	16.6
11339.	232.1	-57.6	39.7	39.7	-47.0	36.	0.0139	0.0121	0.4452	312.0	16.5
11435.	229.5	-58.0	39.7	39.7	-47.1	36.	0.0130	0.0112	0.4433	312.0	16.4
11532.	226.9	-58.4	39.7	39.7	-47.2	36.	0.0121	0.0103	0.4414	312.0	16.3
11630.	224.3	-58.8	39.7	39.7	-47.3	36.	0.0112	0.0094	0.4395	312.0	16.2
11729.	221.7	-59.2	39.7	39.7	-47.4	36.	0.0103	0.0085	0.4376	312.0	16.1
11829.	219.1	-59.6	39.7	39.7	-47.5	36.	0.0094	0.0076	0.4357	312.0	16.0
11930.	216.5	-60.0	39.7	39.7	-47.6	36.	0.0085	0.0067	0.4338	312.0	15.9
12032.	213.9	-60.4	39.7	39.7	-47.7	36.	0.0076	0.0058	0.4319	312.0	15.8
12135.	211.3	-60.8	39.7	39.7	-47.8	36.	0.0067	0.0049	0.4300	312.0	15.7
12239.	208.7	-61.2	39.7	39.7	-47.9	36.	0.0058	0.0040	0.4281	312.0	15.6
12344.	206.1	-61.6	39.7	39.7	-48.0	36.	0.0049	0.0031	0.4262	312.0	15.5
12450.	203.5	-62.0	39.7	39.7	-48.1	36.	0.0040	0.0022	0.4243	312.0	15.4
12557.	200.9	-62.4	39.7	39.7	-48.2	36.	0.0031	0.0013	0.4224	312.0	15.3
12665.	198.3	-62.8	39.7	39.7	-48.3	36.	0.0022	0.0004	0.4205	312.0	15.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8437.	327.2	-44.6	41.6	41.6	-52.5	39.	0.0288	0.0283	0.4992	290.0	27.7
8478.	325.2	-45.2	41.6	41.6	-53.9	38.	0.0275	0.0271	0.4970	288.0	28.1
8521.	323.1	-45.6	41.1	41.1	-53.3	39.	0.0262	0.0258	0.4947	287.0	28.4
8562.	321.1	-45.9	41.2	41.2	-53.5	39.	0.0253	0.0250	0.4923	287.0	28.7
8608.	318.9	-46.3	41.3	41.3	-54.1	38.	0.0235	0.0233	0.4897	286.0	29.0
8650.	316.9	-46.8	41.5	41.5	-54.4	38.	0.0227	0.0225	0.4868	285.0	29.3
8694.	314.9	-47.1	41.6	41.6	-54.8	38.	0.0216	0.0214	0.4842	284.0	29.6
8738.	312.9	-47.4	41.7	41.7	-55.1	38.	0.0206	0.0205	0.4813	284.0	29.9
8795.	309.8	-47.9	41.6	41.6	-55.8	37.	0.0189	0.0189	0.4791	283.0	30.2
8846.	307.6	-48.3	41.7	41.7	-56.2	37.	0.0180	0.0180	0.4766	284.0	30.5
8891.	305.5	-48.7	41.8	41.8	-56.6	37.	0.0171	0.0171	0.4742	282.0	30.8
8936.	303.4	-49.2	42.0	42.0	-56.8	37.	0.0165	0.0165	0.4715	282.0	31.1
8984.	301.2	-49.6	41.9	41.9	-57.3	37.	0.0155	0.0156	0.4692	281.0	31.5
9034.	298.9	-50.1	41.9	41.9	-58.0	36.	0.0142	0.0142	0.4666	281.0	31.8
9096.	296.1	-50.4	42.2	42.2	-58.6	35.	0.0131	0.0133	0.4631	281.0	32.1
9155.	293.4	-50.8	42.5	42.5	-59.1	34.	0.0121	0.0123	0.4597	280.0	32.4
9217.	290.6	-51.4	42.5	42.5	-59.7	34.	0.0113	0.0114	0.4565	280.0	32.7
9276.	287.9	-52.0	42.5	42.5	-60.3	34.	0.0105	0.0106	0.4535	280.0	33.0
9339.	285.2	-52.5	42.6	42.6	-60.5	35.	0.0101	0.0103	0.4503	280.0	33.3
9398.	282.6	-53.0	42.7	42.7	-61.0	35.	0.0095	0.0097	0.4472	280.0	33.5
9460.	280.3	-53.5	42.7	42.7	-61.4	35.	0.0089	0.0091	0.4446	280.0	33.6
9501.	278.1	-53.9	42.8	42.9	-61.6	36.	0.0087	0.0089	0.4419	280.0	33.8
9542.	276.3	-54.3	42.9	42.9	-62.0	36.	0.0083	0.0085	0.4398	279.0	33.9
9589.	274.3	-54.6	43.1	43.1	-62.7	34.	0.0075	0.0077	0.4372	279.0	34.0
9631.	272.5	-55.1	43.1	43.1	-63.2	33.	0.0069	0.0071	0.4352	279.0	34.1
9673.	270.7	-55.5	43.3	43.3	-63.5	33.	0.0067	0.0069	0.4329	278.0	34.1
9720.	268.7	-55.7	43.3	43.4	-64.3	31.	0.0059	0.0062	0.4305	278.0	34.1
9766.	266.7	-56.3	43.1	43.2	-65.1	30.	0.0053	0.0055	0.4284	278.0	34.1
9813.	264.6	-56.8	43.1	43.1	-65.8	29.	0.0048	0.0050	0.4261	277.0	34.3
9870.	262.4	-57.2	43.2	43.2	-66.3	29.	0.0045	0.0047	0.4235	277.0	34.3
9923.	260.2	-57.7	43.3	43.3	-66.9	28.	0.0041	0.0043	0.4207	277.0	34.4
9979.	257.9	-58.1	43.5	43.5	-67.3	28.	0.0039	0.0041	0.4178	276.0	34.4
10038.	255.5	-58.6	43.6	43.6	-67.6	28.	0.0037	0.0039	0.4147	276.0	34.4
10092.	253.3	-59.0	43.6	43.6	-68.3	27.	0.0033	0.0035	0.4120	275.0	34.5
10149.	251.0	-59.5	43.6	43.6	-69.0	26.	0.0030	0.0032	0.4093	274.0	34.5
10207.	248.7	-60.1	43.6	43.6	-69.6	26.	0.0028	0.0030	0.4067	274.0	34.5
10262.	246.5	-60.7	43.6	43.6	-70.4	25.	0.0025	0.0026	0.4042	273.0	34.5
10318.	244.3	-61.3	43.7	43.7	-71.2	24.	0.0022	0.0023	0.4017	273.0	34.5
10374.	242.1	-61.9	43.6	43.6	-72.0	23.	0.0019	0.0021	0.3992	272.0	34.6
10432.	239.8	-62.4	43.7	43.7	-72.5	23.	0.0018	0.0019	0.3964	271.0	34.8
10492.	237.5	-62.9	43.8	43.8	-73.0	23.	0.0017	0.0018	0.3935	270.0	34.8
10554.	235.1	-63.5	43.9	43.9	-73.5	23.	0.0015	0.0017	0.3906	270.0	34.9
10617.	232.7	-64.1	43.9	43.9	-74.3	22.	0.0014	0.0015	0.3878	279.0	35.0
10677.	230.4	-64.7	43.9	43.9	-74.9	22.	0.0012	0.0014	0.3850	278.0	35.0
10736.	228.2	-65.3	43.8	43.8	-75.4	22.	0.0011	0.0012	0.3825	278.0	35.1
10797.	225.9	-65.9	43.8	43.8	-75.9	22.	0.0011	0.0012	0.3802	278.0	35.1
10838.	224.4	-66.4	43.7	43.7	-76.4	22.	0.0010	0.0011	0.3781	277.0	35.2
10889.	222.5	-66.9	43.7	43.7	-76.9	22.	0.0009	0.0010	0.3758	277.0	35.3
10941.	220.6	-67.4	43.7	43.7	-77.6	21.	0.0008	0.0009	0.3735	277.0	35.4
10993.	218.7	-67.9	43.7	43.7	-78.1	21.	0.0007	0.0008	0.3712	277.0	35.4
11042.	216.9	-68.3	43.8	43.8	-78.4	21.	0.0007	0.0008	0.3689	277.0	35.6
11095.	215.0	-68.8	44.1	44.1	-78.7	21.	0.0007	0.0008	0.3662	277.0	35.7
11145.	213.2	-69.3	44.4	44.4	-79.0	21.	0.0006	0.0007	0.3636	277.0	35.8
11196.	211.4	-69.8	44.8	44.8	-79.1	21.	0.0006	0.0007	0.3609	277.0	35.9
11247.	209.6	-69.8	45.5	45.5	-79.2	21.	0.0006	0.0007	0.3580	276.0	36.0
11295.	207.9	-69.8	46.1	46.1	-79.3	21.	0.0006	0.0007	0.3553	276.0	36.0
11347.	206.1	-69.8	46.8	46.8	-79.3	21.	0.0006	0.0007	0.3522	276.0	36.0
11393.	204.5	-69.8	47.3	47.3	-79.3	20.	0.0006	0.0006	0.3498	276.0	36.1
11447.	202.6	-69.7	47.7	47.7	-80.0	20.	0.0005	0.0006	0.3476	276.0	36.1
11484.	201.4	-69.6	48.1	48.1	-80.2	20.	0.0005	0.0006	0.3452	276.0	36.2
11532.	199.5	-70.1	48.5	48.5	-80.5	20.	0.0005	0.0006	0.3428	276.0	36.4
11575.	198.1	-70.7	48.9	48.9	-80.5	20.	0.0005	0.0006	0.3405	276.0	36.4
11621.	196.4	-70.5	49.2	49.2	-80.7	20.	0.0005	0.0006	0.3383	276.0	36.6
11667.	194.7	-70.6	49.6	49.6	-80.8	20.	0.0005	0.0005	0.3359	276.0	36.7
11715.	193.0	-70.8	50.0	50.0	-80.7	20.	0.0005	0.0005	0.3333	276.0	37.0
11759.	191.5	-71.4	50.3	50.3	-80.6	20.	0.0005	0.0005	0.3304	276.0	37.0
11800.	190.1	-71.1	50.7	50.7	-80.5	20.	0.0005	0.0005	0.3273	275.0	37.3
11848.	188.4	-69.7	51.1	51.1	-80.1	20.	0.0005	0.0006	0.3243	275.0	37.5
11899.	186.8	-69.5	51.5	51.5	-79.9	21.	0.0006	0.0007	0.3209	275.0	37.7
11947.	185.3	-69.1	51.8	51.8	-79.9	21.	0.0006	0.0007	0.3181	275.0	37.9
11999.	183.8	-69.0	52.2	52.2	-79.8	22.	0.0006	0.0007	0.3153	275.0	38.0
12037.	182.8	-68.9	52.5	52.5	-79.6	22.	0.0006	0.0007	0.3128	275.0	38.2
12080.	181.2	-68.7	52.9	52.9	-79.5	22.	0.0006	0.0006	0.3104	275.0	38.3
12122.	180.0	-68.6	53.2	53.2	-79.4	22.	0.0006	0.0006	0.3081	275.0	38.4
12162.	178.9	-67.8	53.6	53.6	-79.1	21.	0.0006	0.0006	0.3058	275.0	38.5
12206.	178.4	-67.1	54.0	54.0	-77.3	21.	0.0006	0.0006	0.3036	275.0	38.4
12254.	177.0	-66.5	54.4	54.4	-76.6	21.	0.0005	0.0006	0.2981	275.0	38.4
12302.	175.7	-66.0	54.8	54.8	-76.2	20.	0.0005	0.0005	0.2948	275.0	38.3
12340.	174.6	-64.1	55.1	55.1	-75.4	20.	0.0005	0.0005	0.2918	275.0	38.1
12382.	173.5	-64.1	71.7	71.7	-75.1	19.	0.0005	0.0005	0.2888	275.0	38.1
12421.	172.2	-63.7	72.0	72.0	-75.2	19.	0.0005	0.0005	0.2863	274.0	38.2
12464.	171.0	-63.7	74.4	74.4	-75.6	19.	0.0005	0.0005	0.2839	274.0	37.7
12507.	169.8	-63.3	75.1	75.1	-75.9	19.	0.0005	0.0005	0.2819	274.0	37.6
12551.	168.6	-63.4	75.6	75.6	-75.5	19.	0.0005	0.0005	0.2800	273.0	37.4
12591.	167.5	-63.2	76.0	76.0	-75.7	19.	0.0005	0.0005	0.2777	273.0	37.1
12631.	166.4	-62.6	76.3	76.3	-76.1	19.	0.0005	0.0005	0.2753	272.0	36.9
12672.	165.3	-62.2	79.6	79.6	-75.8	18.	0.0005	0.0005	0.2730	272.0	36.6
12717.	164.1	-62.1	80.7	80.7	-75.9	18.	0.0005	0.0005	0.2707	271.0	36.2
12766.	162.8	-61.9	81.6	81.6	-77.4	18.	0.0004	0.0004	0.2685	271.0	35.7
12808.	161.7	-61.9	82.2	82.2	-78.2	17.	0.0004	0.0004	0.2667	271.0	35.7
12850.	160.6	-61.9	82.7	82.7	-78.3	17.	0.0004	0.0004	0.2648	270.0	35.5
12894.	159.4	-62.0	83.1	83.1	-78.4	17.	0.0004	0.0004	0.2630	270.0	35.4
12943.	158.2	-61.9	84.6	84.6	-78.6	17.	0.0004	0.0004	0.2609	270.0	35.2
12988.	157.1	-61.9	85.4	85.4	-79.0	17.	0.0004	0.0004	0.2589	270.0	34.9
13034.	155.9	-61.9	86.7	86.7	-79.2	17.	0.0004	0.0004	0.2566	270.0	34.7
13084.	154.7	-61.8	87.6	87.6	-79.3	16.	0.0004	0.0004	0.2548	270.0	34.4
13131.	153.6	-62.0	88.2	88.2	-79.7	16.	0.0004	0.0004	0.2528	270.0	34.1
13181.	152.4	-62.0	88.8	88.8	-79.8	16.	0.0004	0.0004	0.2509	270.0	34.0
13231.	151.2	-62.0	89.3	89.3	-80.2	16.	0.0004	0.0004	0.2491	270.0	33.7
13283.	150.0	-62.0	91.7	91.7	-80.4	16.	0.0004	0.0004	0.2474	270.0	33.5
13327.	149.0	-62.0	92.4	92.4	-80.4	16.	0.0004	0.0004	0.2457	270.0	33.4
13381.	147.8	-60.1	95.0	95.0	-81.9	16.	0.0004	0.0004	0.2442	271.0	33.2
13352.	146.1	-60.7	96.4	96.4	-81.9	16.	0.0004	0.0004	0.2428	271.0	33.1
13594.	147.1	-60.2	97.0	97.0	-82.1	16.	0.0004	0.0004	0.2414	271.0	33.1
13441.	146.0	-61.1	96.2	96.2	-82.2	16.	0.0004	0.0004	0.2399	272.0	33.1
13486.	145.0	-61.1	96.7	96.7	-82.4	16.	0.0004	0.0004	0.2387	272.0	33.0
13527.	144.1	-61.1	97.1	97.1	-82.1	16.	0.0004	0.0004	0.2375	272.0	33.0
13574.	143.1	-61.1	97.5	97.5	-82.3	16.	0.0004	0.0004	0.2360	272.0	33.0
13604.	142.1	-60.8	97.8	97.8	-82.7	16.	0.0004	0.0004	0.2331	272.0	33.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13683.	141.1	-60.7	98.5	98.5	-83.6	3.	0.0003	0.0003	0.2314	283.0	33.0
13847.	140.1	-60.6	99.5	99.5	-83.5	3.	0.0003	0.0003	0.2296	283.0	33.5
14077.	138.3	-60.4	100.9	100.9	-83.4	3.	0.0003	0.0004	0.2279	284.0	33.9
14242.	137.2	-60.4	101.8	101.8	-83.7	2.	0.0002	0.0002	0.2263	284.0	34.2
14362.	136.3	-60.5	102.5	102.5	-84.0	2.	0.0002	0.0002	0.2249	284.0	34.4
14503.	135.4	-60.5	103.4	103.4	-84.3	2.	0.0002	0.0002	0.2234	284.0	34.7
14694.	134.2	-60.5	104.5	104.5	-84.6	2.	0.0002	0.0002	0.2220	284.0	34.9
14948.	132.6	-60.6	106.0	106.0	-84.9	2.	0.0002	0.0002	0.2202	284.0	35.2
15092.	131.6	-60.7	106.9	106.9	-85.4	2.	0.0002	0.0002	0.2183	284.0	35.6
15234.	130.7	-60.8	107.8	107.8	-85.9	2.	0.0002	0.0002	0.2170	284.0	35.7
15377.	129.8	-60.9	108.7	108.7	-86.5	2.	0.0002	0.0002	0.2155	284.0	35.9
15519.	128.9	-61.0	109.6	109.6	-86.9	2.	0.0002	0.0002	0.2141	284.0	36.0
15657.	128.1	-61.1	110.4	110.4	-86.7	2.	0.0002	0.0002	0.2129	284.0	36.2
15801.	127.2	-61.2	111.3	111.3	-86.7	2.	0.0002	0.0002	0.2116	284.0	36.4
15944.	126.3	-61.3	112.1	112.1	-86.7	1.	0.0001	0.0001	0.2102	284.0	36.5
16086.	125.4	-61.4	113.0	113.0	-86.7	1.	0.0001	0.0001	0.2087	284.0	36.7
16230.	124.5	-61.5	113.9	113.9	-86.7	1.	0.0001	0.0001	0.2073	284.0	36.9
16371.	123.7	-61.7	114.8	114.8	-86.7	1.	0.0001	0.0001	0.2061	284.0	37.1
16511.	122.9	-61.8	115.6	115.6	-86.7	1.	0.0001	0.0001	0.2049	284.0	37.2
16651.	122.1	-61.9	116.4	116.4	-86.7	1.	0.0001	0.0001	0.2036	284.0	37.4
16796.	121.2	-62.0	117.3	117.3	-86.7	1.	0.0001	0.0001	0.2022	284.0	37.6
16939.	120.4	-62.1	118.1	118.1	-86.7	1.	0.0001	0.0001	0.2009	284.0	37.8
17082.	119.6	-62.2	118.9	118.9	-86.7	1.	0.0001	0.0001	0.1995	284.0	37.9
17224.	118.8	-62.3	119.7	119.7	-86.7	1.	0.0001	0.0001	0.1984	284.0	38.1
17367.	118.0	-62.4	120.5	120.5	-86.7	1.	0.0001	0.0001	0.1970	284.0	38.3
17511.	117.1	-62.5	121.4	121.4	-86.7	1.	0.0001	0.0001	0.1959	284.0	38.5
17655.	116.3	-62.6	122.2	122.2	-86.7	1.	0.0001	0.0001	0.1947	284.0	38.6
17800.	115.5	-62.7	123.0	123.0	-86.7	1.	0.0001	0.0001	0.1936	284.0	38.8
17945.	114.7	-62.8	123.8	123.8	-86.7	1.	0.0001	0.0001	0.1924	284.0	39.0
18091.	113.9	-62.9	124.6	124.6	-86.7	1.	0.0001	0.0001	0.1913	284.0	39.2
18237.	113.1	-63.0	125.4	125.4	-86.7	1.	0.0001	0.0001	0.1901	284.0	39.3
18384.	112.3	-63.1	126.2	126.2	-86.7	1.	0.0001	0.0001	0.1890	284.0	39.5
18531.	111.5	-63.2	127.0	127.0	-86.7	1.	0.0001	0.0001	0.1878	284.0	39.7
18679.	110.7	-63.3	127.8	127.8	-86.7	1.	0.0001	0.0001	0.1867	284.0	39.9
18828.	109.9	-63.4	128.6	128.6	-86.7	1.	0.0001	0.0001	0.1855	284.0	40.1
18977.	109.1	-63.5	129.4	129.4	-86.7	1.	0.0001	0.0001	0.1844	284.0	40.3
19126.	108.3	-63.6	130.2	130.2	-86.7	1.	0.0001	0.0001	0.1832	284.0	40.5
19276.	107.5	-63.7	131.0	131.0	-86.7	1.	0.0001	0.0001	0.1821	284.0	40.7
19427.	106.7	-63.8	131.8	131.8	-86.7	1.	0.0001	0.0001	0.1809	284.0	40.9
19578.	105.9	-63.9	132.6	132.6	-86.7	1.	0.0001	0.0001	0.1798	284.0	41.1
19730.	105.1	-64.0	133.4	133.4	-86.7	1.	0.0001	0.0001	0.1786	284.0	41.3
19882.	104.3	-64.1	134.2	134.2	-86.7	1.	0.0001	0.0001	0.1775	284.0	41.5
20035.	103.5	-64.2	135.0	135.0	-86.7	1.	0.0001	0.0001	0.1763	284.0	41.7
20189.	102.7	-64.3	135.8	135.8	-86.7	1.	0.0001	0.0001	0.1752	284.0	41.9
20343.	101.9	-64.4	136.6	136.6	-86.7	1.	0.0001	0.0001	0.1740	284.0	42.1
20498.	101.1	-64.5	137.4	137.4	-86.7	1.	0.0001	0.0001	0.1729	284.0	42.3
20653.	100.3	-64.6	138.2	138.2	-86.7	1.	0.0001	0.0001	0.1717	284.0	42.5
20809.	99.5	-64.7	139.0	139.0	-86.7	1.	0.0001	0.0001	0.1706	284.0	42.7
20965.	98.7	-64.8	139.8	139.8	-86.7	1.	0.0001	0.0001	0.1695	284.0	42.9
21122.	97.9	-64.9	140.6	140.6	-86.7	1.	0.0001	0.0001	0.1683	284.0	43.1
21279.	97.1	-65.0	141.4	141.4	-86.7	1.	0.0001	0.0001	0.1672	284.0	43.3
21437.	96.3	-65.1	142.2	142.2	-86.7	1.	0.0001	0.0001	0.1660	284.0	43.5
21596.	95.5	-65.2	143.0	143.0	-86.7	1.	0.0001	0.0001	0.1649	284.0	43.7
21755.	94.7	-65.3	143.8	143.8	-86.7	1.	0.0001	0.0001	0.1638	284.0	43.9
21914.	93.9	-65.4	144.6	144.6	-86.7	1.	0.0001	0.0001	0.1626	284.0	44.1
22074.	93.1	-65.5	145.4	145.4	-86.7	1.	0.0001	0.0001	0.1615	284.0	44.3
22235.	92.3	-65.6	146.2	146.2	-86.7	1.	0.0001	0.0001	0.1603	284.0	44.5
22396.	91.5	-65.7	147.0	147.0	-86.7	1.	0.0001	0.0001	0.1592	284.0	44.7
22557.	90.7	-65.8	147.8	147.8	-86.7	1.	0.0001	0.0001	0.1581	284.0	44.9
22719.	89.9	-65.9	148.6	148.6	-86.7	1.	0.0001	0.0001	0.1569	284.0	45.1
22882.	89.1	-66.0	149.4	149.4	-86.7	1.	0.0001	0.0001	0.1558	284.0	45.3
23045.	88.3	-66.1	150.2	150.2	-86.7	1.	0.0001	0.0001	0.1547	284.0	45.5
23208.	87.5	-66.2	151.0	151.0	-86.7	1.	0.0001	0.0001	0.1535	284.0	45.7
23372.	86.7	-66.3	151.8	151.8	-86.7	1.	0.0001	0.0001	0.1524	284.0	45.9
23537.	85.9	-66.4	152.6	152.6	-86.7	1.	0.0001	0.0001	0.1513	284.0	46.1
23702.	85.1	-66.5	153.4	153.4	-86.7	1.	0.0001	0.0001	0.1501	284.0	46.3
23867.	84.3	-66.6	154.2	154.2	-86.7	1.	0.0001	0.0001	0.1490	284.0	46.5
24033.	83.5	-66.7	155.0	155.0	-86.7	1.	0.0001	0.0001	0.1479	284.0	46.7
24200.	82.7	-66.8	155.8	155.8	-86.7	1.	0.0001	0.0001	0.1467	284.0	46.9
24367.	81.9	-66.9	156.6	156.6	-86.7	1.	0.0001	0.0001	0.1456	284.0	47.1
24534.	81.1	-67.0	157.4	157.4	-86.7	1.	0.0001	0.0001	0.1445	284.0	47.3
24702.	80.3	-67.1	158.2	158.2	-86.7	1.	0.0001	0.0001	0.1433	284.0	47.5
24871.	79.5	-67.2	159.0	159.0	-86.7	1.	0.0001	0.0001	0.1422	284.0	47.7
25040.	78.7	-67.3	159.8	159.8	-86.7	1.	0.0001	0.0001	0.1411	284.0	47.9
25209.	77.9	-67.4	160.6	160.6	-86.7	1.	0.0001	0.0001	0.1399	284.0	48.1
25379.	77.1	-67.5	161.4	161.4	-86.7	1.	0.0001	0.0001	0.1388	284.0	48.3
25550.	76.3	-67.6	162.2	162.2	-86.7	1.	0.0001	0.0001	0.1377	284.0	48.5
25721.	75.5	-67.7	163.0	163.0	-86.7	1.	0.0001	0.0001	0.1365	284.0	48.7
25892.	74.7	-67.8	163.8	163.8	-86.7	1.	0.0001	0.0001	0.1354	284.0	48.9
26064.	73.9	-67.9	164.6	164.6	-86.7	1.	0.0001	0.0001	0.1343	284.0	49.1
26237.	73.1	-68.0	165.4	165.4	-86.7	1.	0.0001	0.0001	0.1331	284.0	49.3
26410.	72.3	-68.1	166.2	166.2	-86.7	1.	0.0001	0.0001	0.1320	284.0	49.5
26583.	71.5	-68.2	167.0	167.0	-86.7	1.	0.0001	0.0001	0.1309	284.0	49.7
26757.	70.7	-68.3	167.8	167.8	-86.7	1.	0.0001	0.0001	0.1297	284.0	49.9
26932.	69.9	-68.4	168.6	168.6	-86.7	1.	0.0001	0.0001	0.1286	284.0	50.1
27107.	69.1	-68.5	169.4	169.4	-86.7	1.	0.0001	0.0001	0.1275	284.0	50.3
27282.	68.3	-68.6	170.2	170.2	-86.7	1.	0.0001	0.0001	0.1263	284.0	50.5
27458.	67.5	-68.7	171.0	171.0	-86.7	1.	0.0001	0.0001	0.1252	284.0	50.7
27635.	66.7	-68.8	171.8	171.8	-86.7	1.	0.0001	0.0001	0.1241	284.0	50.9
27812.	65.9	-68.9	172.6	172.6	-86.7	1.	0.0001	0.0001	0.1229	284.0	51.1
27989.	65.1	-69.0	173.4	173.4	-86.7	1.	0.0001	0.0001	0.1218	284.0	51.3
28167.	64.3	-69.1	174.2	174.2	-86.7	1.	0.0001	0.0001	0.1207	284.0	51.5
28346.	63.5	-69.2	175.0	175.0	-86.7	1.	0.0001	0.0001	0.1195	284.0	51.7
28525.	62.7	-69.3	175.8	175.8	-86.7	1.	0.0001	0.0001	0.1184	284.0	51.9
28705.	61.9	-69.4	176.6	176.6	-86.7	1.	0.0001	0.0001	0.1173	284.0	52.1
28885.	61.1	-69.5	177.4	177.4	-86.7	1.	0.0001	0.0001	0.1161	284.0	52.3

SOUNDING 57.C
LATITUDE -59.7 LONGITUDE 0.0
DATE 11-12-81 TIME 1140 GMT
NUMBER OF LEVELS 288

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1008.2	2.0	1.4	2.9	-0.1	86.	6.0964	4.8377	1.2813	350.0	15.0
52.	1001.7	1.5	1.4	2.5	-0.4	87.	5.9553	4.7275	1.2753	350.0	15.0
105.	995.1	1.1	1.5	2.1	-0.8	87.	5.7816	4.6001	1.2686	350.0	15.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
156.	988.8	[illegible]	1.5	[illegible]	-1.2	[illegible]	[illegible]	4.4936	1.2628	346.0	17.6
205.	984.7	1.4	2.[illegible]	3.4	-3.2	[illegible]	[illegible]	4.7979	1.2617	347.0	18.3
257.	979.[illegible]	2.[illegible]	4.1	4.[illegible]	[illegible].6	[illegible]	[illegible]	5.1654	1.2605	348.0	19.[illegible]
309.	975.[illegible]	3.[illegible]	5.[illegible]	6.[illegible]	1.8	[illegible]	[illegible]	5.4944	1.2594	349.0	20.[illegible]
361.	964.[illegible]	4.1	7.[illegible]	7.[illegible]	2.[illegible]	[illegible]	7.4[illegible]	5.8162	1.2171	347.0	21.0
411.	[illegible].1	4.4	7.[illegible]	[illegible].7	2.1	[illegible]	7.64[illegible]	5.9459	1.[illegible]85	346.0	21.[illegible]
465.	951.[illegible]	4.[illegible]	[illegible].7	[illegible].[illegible]	[illegible].5	[illegible]	7.9[illegible]	6.2212	1.1891	345.0	21.[illegible]
523.	945.1	[illegible].[illegible]	[illegible].[illegible]	10.[illegible]	4.1	[illegible]	[illegible].2[illegible]	6.4301	1.1[illegible]8	344.0	21.[illegible]
581.	[illegible].4	5.7	10.[illegible]	11.[illegible]	4.7	[illegible]	[illegible].[illegible]	6.6[illegible]	1.1795	343.0	21.1
637.	[illegible].[illegible]	6.[illegible]	11.7	12.4	[illegible].9	7[illegible]	[illegible].5[illegible]	5.1944	1.1[illegible]3	342.0	21.[illegible]
692.	[illegible].[illegible]	6.[illegible]	12.[illegible]	17.1	-1.[illegible]	[illegible]	[illegible].[illegible]	4.2661	1.1585	341.0	21.[illegible]7
748.	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	7.7[illegible]7	6.1661	1.[illegible]46	340.0	21.[illegible]6
798.	914.[illegible]	[illegible].4	[illegible].[illegible]	13.[illegible]	2.7	[illegible]	7.4[illegible]	6.[illegible]97	1.1[illegible]01	339.0	20.[illegible]
854.	[illegible].8	4.[illegible]	12.[illegible]	13.4	[illegible].1	[illegible]	7.1311	5.[illegible]13[illegible]	1.1455	338.0	21.[illegible]
878.	904.[illegible]	4.[illegible]	12.[illegible]	13.4	1.7	[illegible]	[illegible].[illegible]64	5.[illegible]668	1.1408	338.0	21.[illegible]2
919.	[illegible].3	4.1	12.[illegible]	13.4	1.[illegible]	[illegible]	[illegible].[illegible]45	5.3281	1.1365	338.0	21.[illegible]6
964.	[illegible].4	3.7	12.[illegible]	13.4	[illegible].7	[illegible]	6.4754	5.1227	1.1318	337.0	21.6
1009.	890.4	[illegible].[illegible]	12.[illegible]	13.[illegible]	[illegible].3	[illegible]	[illegible].[illegible]37	4.9538	1.1274	337.0	21.[illegible]
1054.	885.5	[illegible].[illegible]	12.[illegible]	13.[illegible]	-[illegible].1	[illegible]	[illegible].[illegible]79	4.8222	1.1227	336.0	21.[illegible]
1100.	[illegible].1	[illegible].[illegible]	12.[illegible]	13.[illegible]	-[illegible].8	[illegible]	[illegible].[illegible]10	4.6073	1.1177	335.0	21.[illegible]
1151.	[illegible]74.9	1.[illegible]	12.[illegible]	13.[illegible]	-1.[illegible]	[illegible]	[illegible].[illegible]61	4.4834	1.1126	335.0	21.[illegible]
1196.	[illegible]70.3	1.[illegible]	12.[illegible]	13.[illegible]	-1.7	75.	[illegible].[illegible]27	4.3117	1.1078	334.0	21.[illegible]
1243.	864.9	1.[illegible]	12.[illegible]	13.[illegible]	-2.2	74.	[illegible].[illegible]94	4.1668	1.1032	333.0	[illegible].[illegible]
1293.	[illegible]5[illegible].6	[illegible].4	12.[illegible]	13.[illegible]	-[illegible].[illegible]	74.	[illegible].[illegible]8[illegible]	3.9987	1.0987	333.0	[illegible].[illegible]
1341.	854.4	-0.1	12.[illegible]	13.1	-[illegible].9	74.	4.[illegible]70	3.8546	1.0939	332.0	[illegible].3
1390.	[illegible]49.[illegible]	-0.[illegible]	12.[illegible]	13.[illegible]	-3.4	74.	4.6[illegible]4	3.7[illegible]1	1.0891	331.0	[illegible].7
1436.	844.3	-1.1	12.4	13.[illegible]	-3.9	74.	4.4[illegible]1	3.5612	1.0847	330.0	[illegible].1
1482.	[illegible]39.5	-1.[illegible]	12.4	13.[illegible]	-4.[illegible]	74.	4.2[illegible]	3.4496	1.0800	329.0	[illegible].4
1528.	[illegible]34.[illegible]	-1.[illegible]	12.[illegible]	13.1	-4.6	74.	4.1744	3.3680	1.0751	329.0	[illegible].0
1575.	[illegible]29.7	-2.[illegible]	12.6	13.[illegible]	-5.[illegible]	74.	4.[illegible]77	3.2623	1.0705	328.0	24.5
1624.	[illegible]24.[illegible]	-1.[illegible]	13.[illegible]	14.[illegible]	-4.4	74.	4.2444	3.4221	1.0653	327.0	[illegible].1
1677.	[illegible]19.1	-1.[illegible]	13.[illegible]	15.[illegible]	-3.[illegible]	73.	4.4[illegible]15	3.5892	1.0521	327.0	[illegible].9
1729.	[illegible]13.[illegible]	-[illegible].[illegible]	13.[illegible]	15.7	-3.3	73.	4.6[illegible]2	3.7341	1.0485	326.0	[illegible].5
1781.	[illegible]08.5	-[illegible].[illegible]	13.[illegible]	16.4	-3.[illegible]	73.	4.7666	3.8236	1.0367	325.0	27.1
1831.	[illegible]03.5	-[illegible].[illegible]	17.1	17.7	-3.3	73.	4.[illegible]49[illegible]	3.7348	1.0354	325.0	27.[illegible]
1882.	798.4	-[illegible].[illegible]	17.4	17.[illegible]	-3.6	73.	4.[illegible]67	3.6403	1.0249	324.0	28.2
1932.	793.4	-1.[illegible]	17.4	18.[illegible]	-4.[illegible]	73.	4.3[illegible]75	3.5323	1.0159	323.0	29.8
1983.	788.3	-1.[illegible]	17.[illegible]	18.[illegible]	-4.3	73.	4.2793	3.4489	1.0144	321.0	29.4
2033.	783.4	-1.[illegible]	17.[illegible]	18.4	-4.6	73.	4.1735	3.3673	1.0091	321.0	[illegible].9
2085.	778.3	-2.[illegible]	18.1	18.7	-4.8	73.	4.1043	3.3139	1.0032	321.0	30.4
2137.	773.2	-2.[illegible]	18.[illegible]	19.[illegible]	-5.[illegible]	73.	4.0361	3.2612	0.9974	322.0	30.5
2186.	768.4	-2.4	18.[illegible]	19.[illegible]	-5.[illegible]	73.	3.9688	3.2093	0.9919	322.0	31.4
2237.	763.5	-2.[illegible]	18.9	19.4	-5.6	73.	3.8977	3.1078	0.9869	323.0	31.6
2290.	758.4	-3.1	19.1	19.6	-5.9	73.	3.7419	3.0335	0.9814	323.0	31.9
2343.	753.3	-3.3	19.4	20.[illegible]	-[illegible].1	73.	3.6793	2.9849	0.9754	324.0	32.2
2399.	748.[illegible]	-3.5	19.4	20.4	-6.3	73.	3.617[illegible]	2.9370	0.9693	324.0	32.[illegible]
2453.	743.5	-3.[illegible]	20.1	20.[illegible]	-[illegible].[illegible]	73.	3.5256	2.8664	0.9637	324.0	32.4
2507.	738.8	-4.0	20.[illegible]	20.[illegible]	-6.7	73.	3.4674	2.8203	0.9578	325.0	33.[illegible]
2561.	733.8	-4.[illegible]	20.[illegible]	21.[illegible]	-[illegible].9	73.	3.4090	2.7748	0.9519	325.0	33.5
2615.	727.8	-4.[illegible]	21.[illegible]	21.[illegible]	-7.2	73.	3.3238	2.7078	0.9464	326.0	33.2
2668.	722.8	-4.7	21.[illegible]	21.[illegible]	-7.4	73.	3.2668	2.6639	0.9408	326.0	33.1
2721.	716.[illegible]	-5.[illegible]	21.[illegible]	22.1	-7.7	73.	3.1841	2.5994	0.9354	327.0	33.4
2777.	712.[illegible]	-5.[illegible]	21.[illegible]	22.4	-8.0	73.	3.1[illegible]3	2.5362	0.9297	327.0	33.[illegible]
2831.	7[illegible].[illegible]	-5.[illegible]	22.2	22.7	-8.2	73.	3.0[illegible]5	2.4949	0.9240	327.0	33.9
2882.	703.4	-5.7	22.[illegible]	23.[illegible]	-8.4	73.	2.9981	2.4542	0.9186	328.0	34.3
2938.	698.4	-5.[illegible]	23.1	23.5	-8.5	73.	2.9727	2.4340	0.9125	328.0	34.5
2984.	694.3	-5.[illegible]	23.[illegible]	23.[illegible]	-[illegible].6	73.	2.9472	2.4140	0.9074	329.0	35.1
3033.	689.[illegible]	-6.[illegible]	23.[illegible]	24.1	-8.9	73.	2.8720	2.3550	0.9028	329.0	35.2
3083.	685.6	-6.4	24.[illegible]	24.4	-9.1	73.	2.8228	2.3164	0.8977	329.0	35.7
3134.	681.1	-6.7	24.2	24.6	-9.4	73.	2.7704	2.2598	0.8927	330.0	36.[illegible]
3184.	676.6	-6.[illegible]	24.5	25.[illegible]	-9.6	73.	2.7[illegible]31	2.2223	0.8877	330.0	36.6
3235.	672.4	-7.1	24.[illegible]	25.3	-9.8	73.	2.6[illegible]6	2.1857	0.8826	330.0	36.9
3289.	667.7	-7.3	25.2	25.7	-10.0	73.	2.6107	2.1496	0.8771	330.0	37.0
3341.	663.3	-7.4	25.7	26.1	-10.1	73.	2.5[illegible]81	2.1317	0.8716	330.0	37.2
3394.	658.8	-7.7	25.4	26.3	-10.4	73.	2.5212	2.0790	0.8666	330.0	37.6
3448.	654.2	-8.0	26.2	26.6	-10.7	73.	2.4560	2.0274	0.8615	330.0	37.8
3500.	649.[illegible]	-8.4	26.3	26.7	-11.1	73.	2.3714	1.9605	0.8570	330.0	37.9
3552.	645.5	-8.[illegible]	26.4	26.[illegible]	-11.5	73.	2.2[illegible]5	1.8957	0.8525	330.0	[illegible].1
3603.	641.2	-9.[illegible]	26.[illegible]	26.[illegible]	-11.8	73.	2.2122	1.8327	0.8481	330.0	[illegible].3
3657.	636.8	-9.6	26.7	27.[illegible]	-12.2	73.	2.1[illegible]4	1.7717	0.8435	330.0	38.4
3709.	632.5	-9.[illegible]	27.[illegible]	27.4	-12.4	73.	2.0[illegible]5[illegible]	1.7419	0.8384	330.0	38.[illegible]
3761.	628.2	-10.0	27.4	27.7	-12.6	73.	2.0[illegible]5[illegible]	1.7125	0.8333	330.0	38.6
3814.	623.9	-10.4	27.5	27.9	-13.0	73.	1.9870	1.6551	0.8288	330.0	38.7
3869.	619.5	-10.8	27.7	28.[illegible]	-13.4	73.	1.9174	1.5995	0.8242	330.0	38.8
3921.	615.3	-11.1	27.9	28.[illegible]	-13.7	73.	1.8668	1.5589	0.8195	329.0	38.9
3973.	611.1	-11.5	28.[illegible]	28.4	-14.1	73.	1.8008	1.5062	0.8151	329.0	39.0
4026.	606.9	-11.9	28.2	28.5	-14.5	73.	1.7371	1.4552	0.8107	329.0	39.0
4080.	602.6	-12.2	28.3	28.6	-14.9	73.	1.6755	1.4057	0.8062	329.0	39.2
4134.	598.4	-12.7	28.[illegible]	28.[illegible]	-15.3	73.	1.6159	1.3576	0.8017	329.0	39.3
4187.	594.2	-13.0	28.7	29.[illegible]	-15.6	73.	1.5725	1.3229	0.7970	329.0	39.4
4241.	590.0	-13.[illegible]	29.1	29.4	-15.8	73.	1.5442	1.3000	0.7920	329.0	39.4
4294.	585.9	-13.6	29.2	29.5	-16.2	73.	1.4[illegible]9	1.2553	0.7876	328.0	39.4
4346.	581.9	-13.9	29.5	29.7	-16.5	73.	1.4[illegible]6	1.2228	0.7831	328.0	39.4
4399.	577.9	-14.[illegible]	29.[illegible]	29.9	-16.8	73.	1.3964	1.1806	0.7789	328.0	39.4
4453.	573.8	-14.[illegible]	29.9	30.1	-17.1	73.	1.3585	1.1498	0.7743	328.0	39.4
4507.	569.7	-14.[illegible]	30.[illegible]	30.4	-17.4	73.	1.3214	1.1197	0.7696	327.0	39.3
4557.	565.9	-15.[illegible]	30.[illegible]	30.5	-17.6	73.	1.2735	1.0807	0.7656	327.0	39.2
4611.	561.9	-15.7	30.4	30.[illegible]	-18.2	73.	1.2272	1.0430	0.7614	327.0	39.0
4665.	557.9	-16.1	30.[illegible]	30.[illegible]	-18.6	73.	1.1824	1.0065	0.7571	327.0	38.8
4717.	554.0	-16.[illegible]	30.8	31.[illegible]	-19.[illegible]	73.	1.1490	0.9799	0.7527	326.0	38.6
4773.	549.9	-16.[illegible]	30.9	31.2	-19.3	73.	1.1076	0.9454	0.7482	325.0	38.3
4829.	545.8	-17.1	31.2	31.5	-19.[illegible]	73.	1.0769	0.9203	0.7435	326.0	38.[illegible]
4884.	541.8	-17.4	31.[illegible]	31.7	-19.[illegible]	73.	1.0472	0.8957	0.7389	325.0	37.6
4938.	537.9	-17.[illegible]	31.7	31.9	-20.3	73.	1.0043	0.8639	0.7347	325.0	37.3
4992.	534.0	-18.[illegible]	31.[illegible]	32.[illegible]	-20.7	73.	0.9[illegible]8	0.8332	0.7305	324.0	37.[illegible]
5049.	530.0	-18.[illegible]	32.1	32.3	-21.[illegible]	73.	0.9436	0.8108	0.7258	324.0	36.7
5103.	526.1	-18.[illegible]	32.3	32.5	-21.4	73.	0.9035	0.7818	0.7216	323.0	36.4
5160.	522.1	-19.2	32.6	32.[illegible]	-21.6	73.	0.8826	0.7606	0.7170	323.0	36.1
5213.	518.4	-19.[illegible]	32.9	33.[illegible]	-21.9	73.	0.8579	0.7400	0.7127	322.0	35.[illegible]
5266.	514.7	-19.7	33.[illegible]	33.4	-22.1	73.	0.8417	0.7265	0.7082	321.0	35.6
5320.	511.0	-20.[illegible]	33.[illegible]	33.7	-22.4	73.	0.8178	0.7068	0.7039	321.0	35.4
5373.	507.3	-20.[illegible]	33.[illegible]	34.[illegible]	-22.7	73.	0.7946	0.6875	0.6996	320.0	35.2
5430.	503.4	-20.[illegible]	33.9	34.[illegible]	-23.2	73.	0.7572	0.6564	0.6956	320.0	35.1
5491.	499.3	-21.3	34.[illegible]	34.1	-23.7	73.	0.7214	0.6267	0.6913	320.0	35.[illegible]
5547.	495.5	-21.[illegible]	34.[illegible]	34.2	-24.2	73.	0.6872	0.5981	0.6873	320.0	35.[illegible]
5606.	491.5	-22.[illegible]	34.1	34.3	-24.7	73.	0.6545	0.5708	0.6831	320.0	35.0
5666.	487.5	-22.[illegible]	34.[illegible]	34.4	-25.[illegible]	73.	0.6232	0.5446	0.6789	319.0	35.0
5727.	483.5	-23.2	34.[illegible]	34.6	-25.6	73.	0.5942	0.5244	0.6744	319.0	35.1
5781.	479.9	-23.[illegible]	34.7	34.9	-25.[illegible]	73.	0.5[illegible]7	0.5097	0.6702	320.0	35.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9836.	476.3	-24.0	34.8	34.9	-26.4	79.	0.5536	0.4861	0.6664	320.0	35.5
5894.	472.5	-24.4	35.0	35.1	-26.7	79.	0.5321	0.4679	0.6622	320.0	35.6
5949.	469.0	-24.6	35.2	35.3	-27.1	79.	0.5113	0.4504	0.6583	320.0	35.6
6006.	465.3	-25.2	35.4	35.5	-27.5	79.	0.4913	0.4334	0.6542	320.0	35.6
6062.	461.7	-25.6	35.5	35.7	-27.9	79.	0.4720	0.4170	0.6501	320.0	35.5
6119.	458.1	-26.0	35.7	35.9	-28.3	79.	0.4534	0.4013	0.6461	320.0	35.6
6176.	454.5	-26.5	35.8	35.9	-28.8	79.	0.4311	0.3823	0.6423	320.0	35.5
6258.	450.6	-27.2	35.9	36.0	-29.3	79.	0.4098	0.3641	0.6381	321.0	35.4
6286.	447.6	-27.4	36.0	36.1	-29.7	79.	0.3934	0.3502	0.6348	321.0	35.2
6341.	444.2	-27.8	36.2	36.3	-30.1	79.	0.3777	0.3367	0.6310	321.0	35.1
6393.	441.0	-28.0	36.4	36.7	-30.3	79.	0.3701	0.3302	0.6270	321.0	34.8
6448.	437.6	-28.3	36.9	37.0	-30.6	79.	0.3589	0.3206	0.6229	322.0	34.6
6502.	434.3	-28.7	37.1	37.1	-31.0	79.	0.3444	0.3081	0.6192	322.0	34.3
6555.	431.1	-29.0	37.3	37.4	-31.3	79.	0.3339	0.2991	0.6154	322.0	33.9
6607.	428.0	-29.3	37.6	37.7	-31.6	79.	0.3237	0.2903	0.6117	323.0	33.7
6660.	424.8	-29.5	38.0	38.1	-31.8	79.	0.3171	0.2846	0.6076	323.0	33.4
6709.	421.9	-29.6	38.5	38.6	-31.9	79.	0.3138	0.2818	0.6037	324.0	33.1
6763.	418.7	-29.9	38.8	38.9	-32.1	79.	0.3042	0.2735	0.5999	324.0	32.9
6821.	415.3	-30.3	39.0	39.1	-32.5	79.	0.2918	0.2628	0.5960	325.0	32.7
6876.	412.1	-30.7	39.2	39.2	-32.9	79.	0.2798	0.2524	0.5924	325.0	32.5
6931.	408.9	-31.1	39.3	39.4	-33.3	79.	0.2688	0.2424	0.5887	325.0	32.3
6983.	405.9	-31.5	39.5	39.6	-33.7	79.	0.2573	0.2328	0.5854	326.0	32.2
7035.	402.9	-32.0	39.6	39.6	-34.2	79.	0.2441	0.2213	0.5822	326.0	32.1
7088.	399.9	-32.4	39.6	39.7	-34.6	79.	0.2339	0.2125	0.5789	327.0	32.1
7141.	396.9	-32.7	39.8	40.0	-34.9	79.	0.2266	0.2061	0.5752	327.0	32.0
7193.	394.0	-33.1	40.1	40.1	-35.3	79.	0.2171	0.1978	0.5720	327.0	31.9
7246.	391.0	-33.5	40.3	40.3	-35.7	79.	0.2080	0.1898	0.5686	328.0	31.9
7297.	388.2	-33.9	40.3	40.4	-36.1	79.	0.1993	0.1822	0.5654	328.0	31.8
7343.	385.6	-34.3	40.4	40.5	-36.5	79.	0.1926	0.1748	0.5626	328.0	31.9
7391.	383.0	-34.6	40.6	40.7	-36.8	79.	0.1848	0.1694	0.5595	328.0	32.0
7442.	380.2	-35.0	40.8	40.9	-37.2	79.	0.1770	0.1625	0.5563	328.0	32.1
7493.	377.4	-35.4	40.9	41.0	-37.5	79.	0.1695	0.1558	0.5531	328.0	32.0
7545.	374.6	-35.8	41.0	41.1	-37.9	79.	0.1622	0.1494	0.5500	328.0	32.1
7596.	371.9	-36.3	41.2	41.1	-38.4	79.	0.1536	0.1418	0.5471	328.0	32.1
7644.	369.3	-36.8	41.3	41.3	-38.9	79.	0.1454	0.1345	0.5445	328.0	32.1
7697.	367.0	-37.2	41.6	41.1	-39.3	79.	0.1391	0.1289	0.5420	327.0	32.2
7732.	364.6	-37.6	41.2	41.2	-39.6	79.	0.1346	0.1248	0.5391	327.0	32.1
7778.	362.2	-37.8	41.3	41.3	-40.0	79.	0.1287	0.1196	0.5365	327.0	32.1
7827.	359.6	-38.2	41.5	41.5	-40.3	79.	0.1245	0.1158	0.5333	326.0	32.2
7877.	357.0	-38.6	41.6	41.7	-40.7	79.	0.1191	0.1110	0.5303	326.0	32.3
7926.	354.5	-39.0	41.7	41.8	-41.1	79.	0.1138	0.1063	0.5275	325.0	32.3
7973.	352.0	-39.3	42.0	42.0	-41.4	79.	0.1101	0.1029	0.5245	325.0	32.5
8022.	349.6	-39.7	42.1	42.1	-41.8	79.	0.1052	0.0985	0.5218	324.0	32.7
8068.	347.1	-40.1	42.2	42.2	-42.2	79.	0.1006	0.0943	0.5189	324.0	32.7
8114.	344.8	-40.5	42.3	42.3	-42.6	79.	0.0961	0.0903	0.5164	323.0	32.6
8158.	342.6	-40.9	42.3	42.3	-42.9	79.	0.0918	0.0864	0.5140	323.0	33.0
8200.	340.5	-41.3	42.4	42.4	-43.3	79.	0.0877	0.0827	0.5117	322.0	33.5
8243.	338.3	-41.6	42.1	42.2	-43.6	79.	0.0834	0.0783	0.5095	322.0	34.1
8286.	336.2	-42.0	42.1	42.2	-44.0	79.	0.0791	0.0749	0.5072	322.0	34.6
8330.	334.0	-42.4	42.2	42.2	-44.4	79.	0.0755	0.0716	0.5047	322.0	35.1
8374.	331.8	-42.8	42.4	42.4	-44.8	79.	0.0729	0.0693	0.5021	322.0	35.7
8423.	329.4	-43.2	42.6	42.7	-45.2	79.	0.0704	0.0670	0.4991	322.0	36.2
8468.	327.2	-43.6	42.7	42.7	-45.6	79.	0.0672	0.0640	0.4966	322.0	36.7
8513.	324.9	-44.0	42.8	42.8	-46.0	79.	0.0643	0.0612	0.4940	321.0	37.1
8563.	322.8	-44.3	43.0	43.0	-46.3	79.	0.0619	0.0592	0.4911	321.0	37.6
8607.	320.8	-44.7	43.0	43.1	-46.7	79.	0.0591	0.0565	0.4888	321.0	38.1
8653.	318.3	-45.1	43.1	43.1	-47.1	79.	0.0564	0.0541	0.4863	322.0	38.6
8698.	316.1	-45.4	43.3	43.3	-47.4	79.	0.0544	0.0522	0.4835	321.0	39.0
8743.	314.0	-45.7	43.5	43.5	-47.7	79.	0.0525	0.0504	0.4810	321.0	39.3
8788.	311.9	-46.1	43.5	43.6	-48.1	79.	0.0501	0.0482	0.4786	321.0	39.5
8830.	309.9	-46.4	43.4	43.4	-48.5	79.	0.0471	0.0455	0.4766	321.0	39.7
8871.	308.0	-47.0	43.4	43.4	-48.9	79.	0.0445	0.0434	0.4745	321.0	39.8
8916.	306.0	-47.4	43.5	43.5	-49.3	79.	0.0428	0.0415	0.4721	321.0	39.9
8960.	304.0	-47.8	43.5	43.6	-49.7	79.	0.0404	0.0396	0.4698	321.0	40.1
9005.	301.9	-48.2	43.6	43.6	-50.1	79.	0.0386	0.0378	0.4674	321.0	40.1
9051.	299.7	-48.6	43.6	43.7	-50.5	79.	0.0370	0.0362	0.4650	321.0	40.2
9096.	297.7	-49.1	43.6	43.6	-51.0	79.	0.0348	0.0340	0.4629	320.0	40.2
9141.	295.6	-49.5	43.6	43.6	-51.4	79.	0.0332	0.0324	0.4605	321.0	40.2
9188.	293.6	-49.9	43.6	43.7	-51.7	79.	0.0319	0.0313	0.4580	320.0	40.2
9230.	291.6	-50.3	43.7	43.7	-52.1	79.	0.0304	0.0298	0.4557	321.0	40.2
9277.	289.5	-50.8	44.1	44.1	-52.4	79.	0.0293	0.0288	0.4530	320.0	40.2
9322.	287.5	-51.2	44.1	44.2	-52.8	79.	0.0278	0.0274	0.4507	320.0	40.2
9368.	285.5	-51.6	44.2	44.2	-53.2	79.	0.0265	0.0261	0.4483	320.0	40.2
9413.	283.5	-51.7	44.3	44.3	-53.6	79.	0.0252	0.0249	0.4460	320.0	40.2
9459.	281.5	-54.1	44.4	44.4	-54.0	79.	0.0240	0.0237	0.4436	320.0	40.2
9504.	279.6	-52.5	44.4	44.4	-54.3	79.	0.0228	0.0226	0.4415	321.0	40.1
9547.	277.7	-52.9	44.4	44.4	-54.7	79.	0.0217	0.0219	0.4392	321.0	40.1
9591.	275.8	-53.3	44.5	44.5	-55.1	79.	0.0206	0.0205	0.4370	320.0	40.2
9632.	274.0	-53.7	44.5	44.6	-55.4	79.	0.0197	0.0194	0.4348	320.0	40.2
9677.	272.4	-54.1	44.4	44.4	-55.9	79.	0.0186	0.0186	0.4332	321.0	41.1
9719.	270.4	-54.5	44.5	44.5	-56.1	79.	0.0181	0.0181	0.4304	320.0	40.2
9761.	268.5	-54.9	44.5	44.5	-56.4	79.	0.0174	0.0174	0.4280	321.0	40.4
9800.	266.7	-55.4	44.6	44.6	-56.7	79.	0.0169	0.0169	0.4257	321.0	40.3
9851.	264.6	-55.8	44.7	44.7	-57.1	79.	0.0162	0.0162	0.4235	321.0	40.5
9897.	262.7	-56.2	44.8	44.8	-57.4	79.	0.0153	0.0154	0.4210	321.0	40.9
9941.	261.1	-56.6	44.7	44.7	-57.7	79.	0.0147	0.0149	0.4187	321.0	41.3
9986.	259.4	-56.9	44.8	44.8	-58.0	79.	0.0142	0.0143	0.4164	321.0	41.7
10031.	257.6	-56.9	44.1	44.1	-58.3	79.	0.0136	0.0137	0.4139	321.0	42.1
10081.	255.4	-57.1	44.1	44.1	-58.8	79.	0.0128	0.0129	0.4116	321.0	42.4
10132.	253.5	-57.4	44.2	44.2	-59.2	79.	0.0121	0.0122	0.4090	321.0	42.6
10184.	251.5	-57.6	44.3	44.3	-59.6	79.	0.0115	0.0116	0.4065	321.0	43.0
10234.	249.5	-57.9	44.3	44.3	-59.9	79.	0.0110	0.0112	0.4039	321.0	43.2
10281.	247.4	-58.3	47.1	47.1	-60.1	79.	0.0107	0.0106	0.4011	321.0	43.6
10328.	245.4	-58.6	47.1	47.1	-60.2	79.	0.0101	0.0101	0.3983	321.0	43.8
10376.	243.7	-58.7	47.1	47.1	-60.4	79.	0.0097	0.0096	0.3959	321.0	44.2
10425.	241.8	-58.9	46.9	46.9	-60.6	79.	0.0091	0.0091	0.3932	320.0	44.3
10471.	240.1	-59.1	46.9	46.9	-60.8	79.	0.0087	0.0089	0.3906	320.0	44.5
10519.	238.4	-59.4	46.7	46.7	-61.1	79.	0.0084	0.0085	0.3883	320.0	44.7
10567.	236.6	-59.6	46.7	46.7	-61.3	79.	0.0081	0.0080	0.3863	320.0	44.8
10616.	234.9	-59.9	46.7	46.7	-61.7	79.	0.0078	0.0078	0.3839	319.0	44.8
10665.	233.2	-60.2	46.7	46.7	-61.9	79.	0.0075	0.0075	0.3812	319.0	45.0
10714.	231.4	-60.5	46.7	46.7	-62.2	79.	0.0072	0.0072	0.3788	319.0	45.2
10763.	229.6	-60.8	46.7	46.7	-62.6	79.	0.0070	0.0074	0.3767	319.0	45.4
10814.	227.8	-61.1	46.7	46.7	-62.9	79.	0.0068	0.0074	0.3746	319.0	45.5
10863.	226.1	-61.4	46.7	46.7	-63.2	79.	0.0066	0.0071	0.3723	319.0	45.7
10914.	224.3	-61.6	46.7	46.7	-63.6	79.	0.0064	0.0068	0.3702	317.0	45.8
10964.	222.7	-62.0	46.7	46.7	-64.1	79.	0.0062	0.0064	0.3681	317.0	45.8
11013.	221.1	-62.3	46.7	46.7	-64.6	79.	0.0060	0.0062	0.3662	317.0	45.8
11062.	219.5	-62.5	46.7	46.7	-65.1	79.	0.0058	0.0056	0.3639	316.0	45.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
11081.	217.5	-63.7	50.7	50.7	-65.4	79.	0.0051	0.0054	0.3618	316.0	45.9
11129.	215.6	-64.1	50.8	50.8	-65.8	79.	0.0049	0.0051	0.3596	316.0	45.9
11177.	214.1	-64.5	50.9	50.9	-66.2	79.	0.0046	0.0048	0.3575	316.0	46.0
11226.	212.4	-64.9	51.0	51.0	-66.6	79.	0.0044	0.0046	0.3551	315.0	46.0
11269.	210.9	-65.3	51.0	51.0	-66.9	79.	0.0041	0.0043	0.3535	314.0	45.6
11315.	209.3	-65.7	51.1	51.1	-67.3	79.	0.0039	0.0041	0.3515	314.0	45.4
11356.	207.9	-66.0	51.3	51.3	-67.6	79.	0.0037	0.0039	0.3496	313.0	45.1
11400.	206.4	-66.3	51.5	51.5	-67.9	79.	0.0035	0.0037	0.3476	313.0	44.9
11447.	204.8	-66.4	52.0	52.0	-68.0	79.	0.0035	0.0037	0.3451	312.0	44.7
11491.	203.3	-66.5	52.6	52.6	-68.1	79.	0.0034	0.0036	0.3427	312.0	44.5
11539.	201.7	-66.6	52.8	52.8	-68.4	79.	0.0033	0.0035	0.3405	312.0	44.3
11584.	200.2	-66.6	53.4	53.4	-68.2	78.	0.0034	0.0036	0.3377	312.0	44.1
11623.	198.9	-66.4	54.1	54.1	-68.0	78.	0.0035	0.0037	0.3351	312.0	43.7
11666.	197.5	-66.2	55.0	55.0	-67.8	78.	0.0036	0.0038	0.3325	311.0	43.5
11709.	196.1	-66.0	56.7	56.7	-67.6	78.	0.0037	0.0039	0.3298	311.0	43.3
11756.	194.6	-65.8	57.8	57.8	-67.4	78.	0.0038	0.0040	0.3269	311.0	42.6
11800.	193.2	-65.6	58.2	58.2	-67.2	78.	0.0039	0.0041	0.3243	311.0	42.3
11647.	191.7	-65.6	59.0	59.0	-67.2	78.	0.0039	0.0041	0.3218	311.0	41.9
11891.	190.3	-65.6	60.2	60.2	-67.2	78.	0.0039	0.0041	0.3194	310.0	41.6
11933.	188.8	-65.6	60.8	60.8	-67.2	78.	0.0039	0.0041	0.3172	310.0	41.3
11978.	187.0	-65.5	61.7	61.7	-67.1	78.	0.0040	0.0042	0.3147	309.0	41.7
12020.	185.3	-65.6	62.3	62.3	-67.2	78.	0.0039	0.0041	0.3127	308.0	40.5
12063.	185.6	-65.6	62.9	62.9	-67.2	78.	0.0039	0.0041	0.3105	308.0	39.9
12105.	183.7	-65.5	63.3	63.3	-67.4	78.	0.0038	0.0040	0.3086	307.0	39.2
12148.	182.4	-65.5	63.8	63.8	-67.5	78.	0.0038	0.0040	0.3066	306.0	38.6
12195.	181.0	-65.5	65.2	65.2	-67.1	79.	0.0040	0.0042	0.3037	306.0	38.2
12239.	179.7	-65.1	66.5	66.5	-66.7	79.	0.0042	0.0044	0.3009	305.0	37.6
12283.	178.4	-64.8	66.1	66.1	-66.5	79.	0.0045	0.0047	0.2980	304.0	37.2
12328.	177.1	-64.5	65.3	65.3	-66.2	79.	0.0047	0.0049	0.2954	303.0	36.8
12373.	175.8	-64.1	72.2	72.2	-65.8	79.	0.0049	0.0051	0.2930	302.0	35.9
12418.	174.5	-63.8	71.8	71.8	-65.5	79.	0.0051	0.0053	0.2904	301.0	35.4
12464.	173.2	-63.8	72.6	72.6	-65.5	79.	0.0052	0.0054	0.2879	300.0	34.7
12510.	171.9	-63.5	73.5	73.5	-65.2	79.	0.0055	0.0058	0.2856	300.0	34.1
12553.	170.7	-63.4	74.4	74.4	-65.1	79.	0.0056	0.0059	0.2835	300.0	33.6
12596.	169.5	-63.2	75.4	75.4	-64.9	79.	0.0057	0.0060	0.2812	299.0	33.2
12640.	168.3	-62.9	76.4	76.4	-64.8	79.	0.0057	0.0060	0.2789	299.0	32.6
12680.	167.2	-62.8	77.4	77.4	-64.5	79.	0.0058	0.0060	0.2769	299.0	32.2
12721.	166.1	-62.5	78.1	78.1	-64.5	79.	0.0058	0.0060	0.2751	299.0	31.8
12764.	165.2	-62.4	78.8	78.7	-64.5	79.	0.0058	0.0060	0.2736	299.0	31.3
12788.	164.3	-62.7	79.4	79.4	-64.4	79.	0.0059	0.0061	0.2720	299.0	31.2
12822.	163.4	-62.5	80.3	80.3	-64.2	79.	0.0061	0.0063	0.2702	299.0	31.0
12852.	162.6	-62.3	81.1	81.1	-64.0	79.	0.0062	0.0065	0.2686	299.0	31.0
12882.	161.8	-62.1	82.1	82.1	-63.7	79.	0.0065	0.0067	0.2669	299.0	31.0
12917.	160.8	-61.8	83.4	83.4	-63.5	79.	0.0067	0.0069	0.2652	300.0	31.2
12944.	160.0	-61.6	84.4	84.4	-63.4	79.	0.0069	0.0071	0.2638	301.0	31.3
12975.	159.4	-61.4	84.6	84.6	-63.1	79.	0.0071	0.0073	0.2622	301.0	31.5
13002.	158.7	-61.2	85.4	85.4	-62.9	79.	0.0073	0.0075	0.2608	301.0	31.6
13029.	158.0	-61.0	86.2	86.2	-62.7	79.	0.0075	0.0077	0.2595	302.0	32.1
13057.	157.3	-61.0	86.7	86.7	-62.7	79.	0.0075	0.0077	0.2583	302.0	32.4
13081.	156.7	-61.1	86.9	86.9	-62.8	79.	0.0074	0.0076	0.2574	302.0	32.5
13124.	156.1	-61.2	87.1	87.1	-62.9	79.	0.0073	0.0075	0.2566	303.0	33.1
13124.	155.6	-61.4	87.4	87.4	-63.2	79.	0.0072	0.0074	0.2558	303.0	33.5
13146.	155.2	-61.5	87.2	87.2	-63.4	79.	0.0072	0.0074	0.2545	303.0	33.6
13172.	154.4	-61.8	87.6	87.6	-63.5	79.	0.0073	0.0075	0.2533	303.0	34.1
13201.	153.7	-62.0	87.9	87.9	-63.8	79.	0.0073	0.0075	0.2518	303.0	34.1
13227.	153.0	-62.4	88.6	88.6	-64.1	79.	0.0073	0.0075	0.2505	303.0	34.4
13253.	152.4	-62.6	89.0	89.0	-64.2	79.	0.0073	0.0075	0.2497	303.0	34.6
13274.	151.9	-62.7	89.4	89.4	-64.4	79.	0.0073	0.0075	0.2491	303.0	34.6
13298.	151.3	-62.9	89.6	89.6	-64.5	79.	0.0073	0.0075	0.2482	303.0	34.6
13323.	150.7	-63.0	89.9	89.9	-64.7	79.	0.0073	0.0075	0.2472	303.0	34.6
13348.	150.1	-63.1	90.2	90.2	-64.8	79.	0.0073	0.0075	0.2461	302.0	34.6
13373.	149.5	-63.2	90.5	90.5	-64.9	79.	0.0073	0.0075	0.2449	303.0	34.6
13398.	148.9	-63.3	90.8	90.8	-65.0	79.	0.0073	0.0075	0.2439	303.0	34.6
13419.	148.4	-63.5	91.2	91.2	-65.2	79.	0.0073	0.0075	0.2431	303.0	34.1
13440.	147.8	-63.7	91.7	91.7	-65.3	79.	0.0073	0.0075	0.2424	303.0	33.7
13461.	147.4	-63.8	91.9	91.9	-65.4	79.	0.0073	0.0075	0.2416	303.0	33.7
13482.	146.9	-63.9	92.1	92.1	-65.5	79.	0.0073	0.0075	0.2407	303.0	33.6

SOUNDING FROM
LATITUDE -50.1 LONGITUDE -6.7
DATE 11-12-81 TIME 2338 GMT
NUMBER OF LEVELS 167

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	1001.0	0.1	-0.1	0.5	-0.6	96.	6.6856	4.6856	1.2813	10.0	1.1
46.	995.3	-0.3	-0.1	0.7	-0.8	96.	6.7462	4.7336	1.2753	10.0	1.2
94.	989.7	-0.7	-0.1	0.7	-1.0	96.	6.5615	4.4315	1.2726	0.	1.0
134.	984.6	-1.0	-0.1	0.7	-1.0	96.	6.4777	4.3277	1.2644	1.0	0.1
174.	979.6	-1.3	-0.3	0.7	-1.4	96.	6.2616	4.2654	1.2693	357.0	0.3
216.	974.5	-1.6	-0.5	0.1	-2.0	96.	6.2962	4.1886	1.2536	356.0	0.7
257.	969.6	-1.9	-0.7	0.1	-2.3	96.	6.1755	4.0622	1.2443	353.0	0.7
302.	964.0	-2.2	-0.8	0.1	-2.6	96.	6.0437	3.9644	1.2427	351.0	0.7
344.	959.1	-2.4	-0.9	0.1	-2.8	96.	5.9634	3.8634	1.2366	352.0	0.7
343.	958.8	-2.4	-0.7	0.1	-2.6	96.	6.1567	3.7777	1.2311	34.0	0.9
475.	947.9	-2.6	-0.7	0.4	-2.8	96.	6.0472	3.7475	1.2244	342.0	0.9
479.	946.6	-2.6	-0.7	0.7	-2.8	96.	6.0602	3.7172	1.2186	347.0	0.9
519.	937.7	-2.8	-0.8	0.7	-3.0	96.	6.0041	3.6814	1.2129	347.0	0.7
568.	926.6	-3.1	-0.9	0.7	-3.3	96.	5.9501	3.6677	1.2058	347.0	0.4
611.	917.0	-3.4	-1.0	0.7	-3.6	96.	5.8977	3.7179	1.1986	347.0	0.4
657.	906.7	-3.7	-1.1	0.7	-3.9	96.	5.8721	3.7771	1.1914	344.0	0.4
698.	917.7	-4.0	-1.2	0.7	-4.1	96.	5.7467	3.8076	1.1940	340.0	0.7
738.	918.4	-4.3	-1.3	0.7	-4.4	96.	5.7167	3.7772	1.1902	340.0	0.7
778.	917.8	-4.6	-1.4	0.7	-4.8	96.	5.6458	3.6691	1.1819	344.0	0.7
816.	913.6	-4.9	-1.5	0.7	-5.1	96.	5.6182	3.6021	1.1858	344.0	0.7
856.	909.7	-5.2	-1.6	0.7	-5.4	96.	5.5882	3.5420	1.1868	344.0	0.7
895.	905.8	-5.5	-1.7	0.7	-5.7	96.	5.5581	3.4885	1.1840	344.0	0.7
934.	901.9	-5.8	-1.8	0.7	-6.0	96.	5.5277	3.4318	1.1798	344.0	0.7
972.	898.0	-6.1	-1.9	0.7	-6.3	96.	5.4976	3.3806	1.1762	344.0	0.7
1007.	894.7	-6.4	-2.0	0.7	-6.6	96.	5.4676	3.3347	1.1770	344.0	0.7
1042.	891.4	-6.7	-2.1	0.7	-6.9	96.	5.4376	3.2862	1.1734	344.0	0.7
1076.	888.0	-7.0	-2.2	0.7	-7.2	96.	5.4076	3.2357	1.1694	344.0	0.7
1110.	884.7	-7.3	-2.3	0.7	-7.5	96.	5.3776	3.1854	1.1654	344.0	0.7
1144.	881.4	-7.6	-2.4	0.7	-7.8	96.	5.3476	3.1354	1.1615	344.0	0.7
1178.	878.0	-7.9	-2.5	0.7	-8.1	96.	5.3176	3.0857	1.1577	344.0	0.7
1211.	874.7	-8.2	-2.6	0.7	-8.4	96.	5.2877	3.0363	1.1539	344.0	0.7
1245.	871.4	-8.5	-2.7	0.7	-8.7	96.	5.2577	2.9872	1.1501	344.0	0.7
1278.	868.0	-8.8	-2.8	0.7	-9.0	96.	5.2277	2.9384	1.1463	344.0	0.7
1312.	864.7	-9.1	-2.9	0.7	-9.3	96.	5.1977	2.8899	1.1425	344.0	0.7
1345.	861.4	-9.4	-3.0	0.7	-9.6	96.	5.1677	2.8417	1.1387	344.0	0.7

HEIGHT (F)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
12...	......	-1.	1...	1...	-2.4	...	......	4.2261	1.1762	345.0	24.3
1481.	......	-1.	1...	1...	-2.5	96.	6.6...	3.8894	1.1226	345.0	25.1
1774.	......	-1.	1...	1...	-2.5	96.	6.0436	3.5621	1.0991	345.0	25.4
1...	......	-1.	1...	1...	-2.5	96.	4.9...	3.4...	1.0...	345.0	25.6
1...	......	-1.	1...	1...	-2.5	96.	4.7...	3.4371	1.0926	345.0	25.7
1...	......	-1.	1...	1...	-2.5	96.	4.7442	3.4664	1.0891	344.0	25.8
1...	......	-1.	1...	1...	-2.4	96.	4.8...	3.4757	1.0859	344.0	26.1
1427.	......	-1.	1...	1...	-2.4	96.	4.6...	3.4715	1.0826	344.0	26.1
1444.	......	-1.	1...	1...	-2.6	96.	4.5...	3.4...	1.0795	343.0	26.3
147...	......	-1.	1...	1...	-2.7	96.	4.5...	3.4...	1.0765	343.0	26.4
15...	......	-1.	1...	1...	-2.8	96.	4.4...	3.4...	1.0733	342.0	26.5
1522.	......	-1.	1...	1...	-2.8	96.	4.4...	3.4...	1.0699	341.0	26.6
1610.	......	-1.	1...	1...	-3.1	96.	4.3...	3.4...	1.0691	339.0	26.8
1664.	......	-1.	1...	1...	-3.4	96.	4.3...	3.4...	1.0688	340.0	27.1
1774.	......	-1.	1...	1...	-3.6	96.	4.1...	3.4...	1.0...	339.0	27.4
1850.	......	-1.	1...	1...	-3.7	96.	4.1...	3.4...	1.0...	337.0	27.5
1944.	......	-1.	1...	1...	-3.1	96.	4.0...	3.4...	1.0...	337.0	27.6
2021.	......	-1.	1...	1...	-3.8	96.	3.9...	3.2...	1.0...	337.0	27.6
2118.	......	-1.	1...	1...	-3.8	96.	3.8...	3.1...	1.0...	337.0	27.6
2191.	......	-1.	1...	1...	-3.9	96.	3.8...	3.1...	1.0...	337.0	27.6
2271.	......	-1.	1...	1...	-3.7	96.	3.6...	2.9824	0.9914	339.0	27.6
2341.	......	-1.	1...	1...	-3.7	96.	3.4...	2.9...	0.9833	337.0	27.7
2341.	......	-1.	1...	1...	-3.7	96.	3.5...	2.9235	0.9753	337.0	27.6
2420.	......	-1.	1...	1...	-3.7	96.	3.4...	2.8...	0.9675	337.0	27.5
2500.	......	-1.	1...	1...	-3.1	96.	3.3...	2.8...	0.9588	338.0	27.1
2602.	......	-1.	1...	1...	-3.7	96.	3.2...	2.8...	0.9462	338.0	27.0
2720.	......	-1.	1...	1...	-3.8	96.	2.8...	2.3...	0.9352	338.0	27.0
2812.	......	-1.	1...	1...	-3.8	96.	2.6...	2.1...	0.9275	338.0	26.9
2944.	......	-1.	1...	1...	-11.4	96.	2.3...	1.9110	0.9220	334.0	24.4
2971.	......	-1.	1...	1...	-12.3	96.	2.1...	1.7696	0.9167	337.0	30.7
3057.	......	-1.	1...	1...	-12.3	96.	2.1...	1.7695	0.9064	337.0	31.5
3135.	......	-1.	1...	1...	-11.6	96.	2.2...	1.8315	0.8962	336.0	31.7
3214.	......	-1.	1...	1...	-11.6	96.	2.2...	1.8...	0.8870	336.0	31.9
3275.	......	-1.	1...	1...	-11.5	96.	2.2...	1.8...	0.8794	336.0	32.1
3354.	......	-1.	1...	1...	-12.4	96.	2.1...	1.7542	0.8726	335.0	32.0
3420.	......	-1.	1...	1...	-12.9	96.	2.0...	1.6800	0.8655	335.0	32.1
3499.	......	-1.	1...	1...	-13.3	96.	1.9...	1.6...	0.8591	334.0	31.7
3571.	......	-1.	1...	1...	-13.7	96.	1.8...	1.5535	0.8523	334.0	31.4
3647.	......	-1.	1...	1...	-14.1	96.	1.7...	1.5...	0.8451	335.0	27.0
3747.	......	-1.	1...	1...	-14.3	96.	1.7...	1.4...	0.8347	336.0	28.3
3804.	......	-1.	1...	1...	-14.4	96.	1.7...	1.4...	0.8291	337.0	30.2
3904.	......	-1.	1...	1...	-14.7	96.	1.6...	1.4...	0.8124	337.0	32.0
4045.	......	-1.	1...	1...	-15.4	96.	1.5...	1.3...	0.8049	337.0	33.4
4142.	......	-1.	1...	1...	-16.2	96.	1.4...	1.2...	0.7979	337.0	37.1
4225.	......	-1.	1...	1...	-16.4	96.	1.3...	1.1...	0.7913	337.0	37.3
4322.	......	-1.	1...	1...	-17.5	96.	1.3...	1.1...	0.7829	338.0	36.8
4404.	......	-1.	1...	1...	-18.3	96.	1.2...	1.0...	0.7746	338.0	35.4
4518.	......	-1.	1...	1...	-16.7	96.	1.1...	0.9...	0.7661	339.0	36.6
4601.	......	-1.	1...	1...	-19.0	96.	1.1...	0.9...	0.7585	339.0	36.6
4678.	......	-1.	1...	1...	-19.3	96.	1.1...	0.9425	0.7515	337.0	36.7
4752.	......	-1.	1...	1...	-19.7	96.	1.0...	0.8087	0.7452	337.0	37.0
4832.	......	-1.	1...	1...	-20.2	96.	1.0...	0.8671	0.7397	336.0	37.0
4894.	......	-1.	1...	1...	-20.7	96.	0.9...	0.8213	0.7342	336.0	36.9
4980.	......	-1.	1...	1...	-21.4	96.	0.9...	0.7760	0.7284	336.0	36.8
5034.	......	-1.	1...	1...	-21.9	96.	0.8...	0.7416	0.7231	336.0	36.6
5112.	......	-1.	1...	1...	-22.4	96.	0.8...	0.7211	0.7167	335.0	37.1
5182.	......	-1.	1...	1...	-22.9	96.	0.7...	0.6754	0.7109	334.0	37.5
5214.	......	-1.	1...	1...	-23.5	96.	0.7...	0.6...	0.7036	334.0	37.7
5377.	......	-1.	1...	1...	-24.1	96.	0.6...	0.6031	0.6963	333.0	37.9
5463.	......	-1.	1...	1...	-24.5	96.	0.6...	0.5...	0.6904	333.0	38.1
5534.	......	-1.	1...	1...	-25.7	96.	0.5...	0.5176	0.6857	334.0	38.2
5617.	......	-1.	1...	1...	-26.4	96.	0.5...	0.4839	0.6799	334.0	38.3
5697.	......	-1.	1...	1...	-27.0	96.	0.5...	0.4565	0.6740	334.0	38.5
5770.	......	-1.	1...	1...	-27.7	96.	0.4...	0.4264	0.6685	335.0	38.1
5867.	......	-1.	1...	1...	-28.3	96.	0.4...	0.4021	0.6618	336.0	39.6
5914.	......	-1.	1...	1...	-28.1	96.	0.4...	0.3716	0.6549	335.0	40.3
6068.	......	-1.	1...	1...	-29.6	96.	0.3...	0.3467	0.6473	336.0	40.8
6121.	......	-1.	1...	1...	-30.0	96.	0.3...	0.3390	0.6394	336.0	40.8
6254.	......	-1.	1...	1...	-30.4	96.	0.3...	0.3266	0.6321	335.0	41.5
6348.	......	-1.	1...	1...	-30.9	96.	0.3...	0.3106	0.6251	334.0	38.2
6447.	......	-1.	1...	1...	-31.6	96.	0.3...	0.2895	0.6184	334.0	39.9
6542.	......	-1.	1...	1...	-32.4	96.	0.2...	0.2669	0.6113	333.0	40.4
6602.	......	-1.	1...	1...	-32.9	96.	0.2...	0.2511	0.6042	333.0	42.4
6720.	......	-1.	1...	1...	-33.5	96.	0.2...	0.2386	0.5962	334.0	44.2
6862.	......	-1.	1...	1...	-34.1	96.	0.2...	0.2243	0.5889	334.0	45.0
6957.	......	-1.	1...	1...	-34.6	96.	0.2...	0.2065	0.5828	335.0	45.2
7049.	......	-1.	1...	1...	-35.8	96.	0.2...	0.1880	0.3773	334.0	46.1
7145.	......	-1.	1...	1...	-36.6	96.	0.1...	0.1724	0.5713	334.0	46.4
7230.	......	-1.	1...	1...	-37.3	96.	0.1...	0.1747	0.5655	334.0	47.2
7306.	......	-1.	1...	1...	-38.2	96.	0.1...	0.1598	0.5595	334.0	44.6
7422.	......	-1.	1...	1...	-38.9	96.	0.1...	0.1463	0.5542	333.0	44.4
7500.	......	-1.	1...	1...	-39.4	96.	0.1...	0.1383	0.5487	332.0	50.5
7594.	......	-1.	1...	1...	-39.8	96.	0.1...	0.1228	0.5424	332.0	51.5
7677.	......	-1.	1...	1...	-40.3	96.	0.1...	0.1163	0.5370	333.0	52.3
7758.	......	-1.	1...	1...	-40.7	96.	0.1...	0.1113	0.5311	334.0	53.2
7848.	......	-1.	1...	1...	-41.4	96.	0.1...	0.1031	0.5255	334.0	53.5
7941.	......	-1.	1...	1...	-42.0	96.	0.1...	0.0965	0.5203	335.0	54.4
8032.	......	-1.	1...	1...	-42.7	96.	0.0...	0.0893	0.5150	335.0	53.5
8113.	......	-1.	1...	1...	-43.5	96.	0.0...	0.0817	0.5105	336.0	53.6
8194.	......	-1.	1...	1...	-44.1	96.	0.0...	0.0755	0.5057	335.0	54.2
8275.	......	-1.	1...	1...	-44.8	96.	0.0...	0.0698	0.5007	335.0	54.6
8356.	......	-1.	1...	1...	-45.4	96.	0.0...	0.0644	0.4964	334.0	54.9
8445.	......	-1.	1...	1...	-46.3	96.	0.0...	0.0588	0.4920	334.0	55.2
8529.	......	-1.	1...	1...	-47.1	96.	0.0...	0.0539	0.4876	334.0	55.3
8603.	......	-1.	1...	1...	-47.9	96.	0.0...	0.0494	0.4838	334.0	55.6
8684.	......	-1.	1...	1...	-48.6	96.	0.0...	0.0457	0.4794	334.0	55.1
8754.	......	-1.	1...	1...	-49.4	96.	0.0...	0.0419	0.4755	333.0	55.1
8838.	......	-1.	1...	1...	-49.8	96.	0.0...	0.0391	0.4709	332.0	55.1
8911.	......	-1.	1...	1...	-50.2	96.	0.0...	0.0373	0.4660	332.0	54.6
8951.	......	-1.	1...	1...	-50.7	96.	0.0...	0.0351	0.4617	331.0	55.1
9068.	......	-1.	1...	1...	-51.2	96.	0.0...	0.0327	0.4576	330.0	56.0
9145.	......	-1.	1...	1...	-52.1	96.	0.0...	0.0297	0.4538	330.0	54.8
9212.	......	-1.	1...	1...	-52.7	96.	0.0...	0.0276	0.4503	329.0	54.8
9280.	......	-1.	1...	1...	-53.5	96.	0.0...	0.0256	0.4467	329.0	54.9
9356.	......	-1.	1...	1...	-54.2	96.	0.0...	0.0235	0.4429	329.0	54.8
9432.	......	-1.	1...	1...	-54.4	96.	0.0...	0.0224	0.4385	329.0	54.1
9507.	......	-1.	1...	1...	-54.9	96.	0.0...	0.0210	0.4344	329.0	54.6
9577.	......	-1.	1...	1...	-55.4	96.	0.0...	0.0198	0.4306	329.0	55.5
9654.	......	-1.	1...	1...	-55.9	96.	0.0...	0.0186	0.4261	330.0	56.2
9734.	......	-1.	1...	1...	-56.0	96.	0.0172	0.0172	0.4222	330.0	57.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
[illegible]	[illegible]	-56.2	[illegible]	[illegible]	-57.0	[illegible]	0.0157	0.0158	0.4176	330.0	57.5
[illegible]	[illegible]	-57.	[illegible]	[illegible]	[illegible]	[illegible]	0.0147	0.0144	0.4131	330.0	57.9
[illegible]	[illegible]	-57.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.4083	331.0	57.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0127	0.0128	0.4041	331.0	58.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0124	0.3993	331.0	57.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0119	0.3948	331.0	56.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0114	0.3905	331.0	55.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0108	0.3865	331.0	54.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0103	0.0103	0.3822	332.0	55.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0102	0.3771	332.0	55.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0098	0.3729	333.0	54.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0099	0.3683	332.0	52.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0100	0.0102	0.3630	331.0	51.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0104	0.3579	329.0	49.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0107	0.3534	327.0	47.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0110	0.3488	325.0	47.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0109	0.3449	324.0	46.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0114	0.3397	323.0	45.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0124	0.0132	0.3339	323.0	44.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0129	0.0137	0.3298	325.0	45.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0124	0.0125	0.3260	326.0	42.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.0120	0.0122	0.3224	328.0	41.9

SOUNDING 8[illegible]
LATITUDE -30.[illegible] LONGITUDE [illegible]
DATE 11-13-[illegible] TIME 1134 GMT
NUMBER OF LEVELS 44[illegible]

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	[illegible]	-1.[illegible]	-1.1	-0.6	-5.0	57.	4.7956	3.8462	1.2813	320.0	13.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.	4.4719	3.5973	1.2760	320.0	12.[illegible]
122.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.2169	3.4010	1.2711	319.0	13.[illegible]
199.	977.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.	3.9960	3.2303	1.2652	311.0	14.7
277.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.	3.8306	3.1023	1.2595	309.0	15.4
354.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.	3.6242	2.9454	1.2534	307.0	15.[illegible]
504.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.	3.4759	2.8278	1.2477	305.0	15.6
583.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.	3.2918	2.6835	1.2421	303.0	15.1
663.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.	3.1827	2.5969	1.2356	302.0	16.0
743.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.	3.0100	2.4633	1.2293	301.0	15.[illegible]
823.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.	2.8827	2.3635	1.2232	300.0	15.6
903.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.	2.7509	2.2597	1.2169	300.0	15.4
817.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.	2.6176	2.1495	1.2113	299.0	15.0
868.	515.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.	2.5116	2.0718	1.2046	299.0	14.9
717.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.	2.4262	2.0032	1.1987	298.0	14.7
786.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.	2.3122	1.9137	1.1929	298.0	14.6
813.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.	2.2552	1.8659	1.1869	297.0	14.5
819.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.	2.1653	1.7972	1.1812	299.0	14.8
946.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.	2.1273	1.7678	1.1749	299.0	14.8
903.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.	2.0632	1.7159	1.1686	300.0	14.7
1013.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.	2.0285	1.6878	1.1629	301.0	14.[illegible]
1046.	871.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.	1.9706	1.6402	1.1566	301.0	14.[illegible]
1064.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.	2.1471	1.7827	1.1450	302.0	15.1
1138.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.	2.3748	1.9633	1.1330	303.0	15.1
1178.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.	2.4530	2.0293	1.1254	304.0	15.2
1268.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.	2.4903	2.0546	1.1176	306.0	15.[illegible]
1269.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.	2.5556	2.1064	1.1102	307.0	15.6
1312.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.	2.6[illegible]	2.1415	1.1032	309.0	15.9
1359.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.	2.6100	2.1491	1.0957	312.0	16.0
1407.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.	2.6139	2.1490	1.0891	312.0	16.2
1456.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.	2.5520	2.1033	1.0827	314.0	16.5
1501.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.	2.5520	2.1033	1.0764	315.0	16.7
1544.	817.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.	2.4948	2.0582	1.0709	316.0	16.9
1585.	813.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.	2.4733	2.0411	1.0656	317.0	17.1
1627.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.	2.4173	1.9964	1.0604	318.0	17.3
1668.	804.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.	2.3757	1.9640	1.0555	320.0	17.6
1716.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.	2.2617	1.8737	1.0506	321.0	17.9
1766.	794.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.	2.1842	1.8121	1.0453	322.0	18.1
1814.	789.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.	2.1795	1.7281	1.0403	322.0	18.[illegible]
1862.	785.1	[illegible]	[illegible]	[illegible]	[illegible]	68.	2.0245	1.6851	1.0351	323.0	18.1
1909.	780.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.	1.9500	1.6336	1.0295	324.0	18.6
1956.	775.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.	1.9258	1.6063	1.0237	324.0	19.8
2003.	770.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.	1.8636	1.5568	1.0186	325.0	19.1
2051.	765.1	[illegible]	[illegible]	[illegible]	[illegible]	66.	1.8474	1.5436	1.0126	325.0	19.7
2100.	761.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.	1.8151	1.5177	1.0066	325.0	19.8
2150.	756.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.	1.8637	1.5567	0.9967	326.0	20.3
2201.	751.4	[illegible]	[illegible]	[illegible]	[illegible]	65.	1.8691	1.5602	0.9908	326.0	20.[illegible]
2252.	746.1	[illegible]	[illegible]	[illegible]	[illegible]	65.	1.8545	1.5733	0.9835	326.0	21.8
2301.	741.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.	1.8345	1.5733	0.9765	327.0	21.2
2352.	736.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.	1.8211	1.5856	0.9697	327.0	21.4
2402.	730.1	[illegible]	[illegible]	[illegible]	[illegible]	64.	1.8718	1.5631	0.9633	328.0	21.8
2452.	725.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.	1.8230	1.5241	0.9583	329.0	22.[illegible]
2502.	721.1	[illegible]	[illegible]	[illegible]	[illegible]	64.	1.7754	1.4859	0.9536	329.0	22.[illegible]
2554.	715.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.	1.7443	1.4609	0.9486	330.0	22.7
2602.	711.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.	1.7136	1.4364	0.9432	331.0	22.9
2654.	7.7.7	[illegible]	[illegible]	[illegible]	[illegible]	63.	1.6420	1.3792	0.9382	331.0	23.1
2711.	703.4	[illegible]	[illegible]	[illegible]	[illegible]	63.	1.6156	1.3599	0.9332	331.0	23.4
2756.	699.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.	1.5461	1.3015	0.9288	332.0	23.7
2812.	693.1	[illegible]	[illegible]	[illegible]	[illegible]	59.	1.4466	1.2201	0.9239	332.0	24.[illegible]
2846.	691.1	[illegible]	[illegible]	[illegible]	[illegible]	71.	1.7744	1.4521	0.9195	333.0	24.3
2892.	687.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.	1.9388	1.6161	0.9149	334.0	24.5
2941.	682.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.	1.6795	1.4090	0.9099	333.0	24.8
2990.	677.4	[illegible]	[illegible]	[illegible]	[illegible]	64.	1.4462	1.2209	0.9048	334.0	25.[illegible]
3038.	674.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.	1.2237	1.0379	0.8996	334.0	25.[illegible]
3086.	670.3	[illegible]	[illegible]	[illegible]	[illegible]	46.	0.9848	0.8446	0.8957	334.0	25.4
3127.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.	0.7659	0.6621	0.8914	334.0	25.[illegible]
3173.	662.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28.	0.5606	0.4936	0.8869	335.0	25.7
3216.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.	0.3749	0.3347	0.8823	335.0	25.7
3262.	654.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.	0.1937	0.1773	0.8776	335.0	25.6
3311.	650.3	[illegible]	[illegible]	[illegible]	[illegible]	1.	0.0199	0.0188	0.8728	336.0	25.4
3361.	64[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.	0.2221	0.2022	0.8679	336.0	25.6
3411.	641.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.	0.3747	0.3342	0.8637	336.0	25.6
3462.	637.4	[illegible]	[illegible]	[illegible]	[illegible]	24.	0.4[illegible]	0.4075	0.8595	336.0	25.6
3513.	633.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.	0.5636	0.4945	0.8554	336.0	26.0
3564.	629.7	[illegible]	[illegible]	[illegible]	[illegible]	42.	0.6779	0.5896	0.8513	336.0	26.2
3542.	628.5	[illegible]	[illegible]	[illegible]	[illegible]	51.	0.8[illegible]	0.6981	0.8478	337.0	26.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3644.	622.2	-15.7	21.7	21.8	-20.8	62.	0.9633	0.8270	0.8427	337.0	26.6
3694.	616.1	-15.9	22.0	22.2	-19.1	74.	1.1256	0.9626	0.8380	337.0	26.7
3739.	614.4	-16.2	22.2	22.4	-18.8	78.	1.1566	0.9857	0.8340	337.0	27.0
3783.	610.8	-16.7	22.1	22.3	-18.9	81.	1.1466	0.9773	0.8307	337.0	27.3
3829.	607.1	-17.1	22.1	22.3	-19.2	82.	1.1181	0.9540	0.8269	338.0	27.3
3877.	603.2	-17.5	22.2	22.4	-19.5	83.	1.0930	0.9312	0.8229	336.0	27.6
3926.	599.3	-17.9	22.3	22.5	-19.9	83.	1.0696	0.8979	0.8188	334.0	27.9
3977.	595.2	-18.3	22.4	22.6	-19.9	86.	1.0472	0.8959	0.8145	334.0	28.3
4025.	591.4	-18.6	22.6	22.8	-20.1	87.	1.0297	0.8815	0.8102	335.0	28.7
4071.	587.7	-18.8	23.1	23.3	-19.9	88.	1.0415	0.8912	0.8052	339.0	29.1
4117.	584.1	-18.8	23.7	23.9	-19.9	88.	1.0415	0.8912	0.8003	339.0	29.9
4162.	580.6	-18.8	24.2	24.4	-19.8	89.	1.0533	0.9009	0.7955	339.0	30.5
4208.	577.0	-18.8	24.5	24.7	-20.0	89.	1.0355	0.8846	0.7911	339.0	31.2
4256.	573.3	-18.9	24.9	25.1	-20.0	90.	1.0352	0.8860	0.7864	339.0	31.6
4306.	569.3	-19.0	25.4	25.6	-20.0	91.	1.0367	0.8873	0.7812	339.0	32.0
4357.	565.6	-19.2	25.8	26.1	-20.0	91.	1.0367	0.8873	0.7761	339.0	32.6
4404.	562.0	-19.2	26.2	26.4	-20.1	92.	1.0283	0.8804	0.7718	339.0	33.0
4448.	558.7	-19.6	26.5	26.8	-20.6	91.	0.9795	0.8399	0.7685	339.0	33.5
4493.	555.3	-20.1	26.8	27.1	-21.1	91.	0.9332	0.8022	0.7653	339.0	33.9
4541.	551.7	-20.6	27.2	27.5	-21.6	89.	0.8898	0.7696	0.7617	339.0	34.2
4592.	547.9	-21.2	27.4	27.8	-22.3	88.	0.8274	0.7148	0.7577	339.0	34.5
4642.	544.2	-21.5	27.5	27.9	-22.6	88.	0.7883	0.6823	0.7540	339.0	34.6
4692.	540.5	-22.1	27.6	28.0	-23.5	87.	0.7351	0.6381	0.7506	339.0	34.9
4742.	536.8	-22.6	27.8	28.3	-24.2	85.	0.6839	0.5954	0.7470	339.0	34.9
4792.	533.2	-23.0	28.0	28.4	-24.8	84.	0.6499	0.5669	0.7431	338.0	35.0
4837.	529.9	-23.4	28.3	28.7	-25.3	83.	0.6173	0.5397	0.7397	338.0	35.2
4884.	526.5	-23.8	28.5	28.9	-25.9	81.	0.5791	0.5076	0.7361	338.0	35.4
4930.	523.2	-24.3	28.8	29.2	-26.7	79.	0.5375	0.4725	0.7329	338.0	35.6
4976.	519.9	-24.8	29.0	29.4	-27.5	76.	0.4920	0.4340	0.7297	338.0	35.8
5021.	516.7	-25.2	29.3	29.8	-28.2	74.	0.4603	0.4071	0.7264	338.0	35.9
5066.	513.5	-25.6	29.6	30.1	-28.8	72.	0.4323	0.3816	0.7230	339.0	36.2
5117.	509.9	-26.1	29.9	30.4	-29.6	70.	0.3978	0.3539	0.7194	339.0	36.7
5162.	506.7	-26.6	30.2	30.8	-30.4	68.	0.3674	0.3279	0.7163	339.0	37.2
5212.	503.2	-27.1	30.6	31.2	-31.1	66.	0.3396	0.3035	0.7127	338.0	37.4
5261.	499.8	-27.5	31.0	31.6	-32.1	62.	0.3057	0.2748	0.7090	338.0	37.7
5315.	496.7	-27.8	31.5	32.1	-33.0	58.	0.2774	0.2503	0.7055	338.0	38.0
5365.	493.7	-28.3	31.8	32.4	-34.2	54.	0.2454	0.2225	0.7026	338.0	38.3
5412.	490.7	-28.7	32.1	32.7	-34.9	52.	0.2268	0.2062	0.6995	338.0	38.6
5465.	487.8	-29.1	32.4	33.0	-35.1	52.	0.2218	0.2019	0.6965	338.0	38.8
5477.	484.9	-29.1	32.6	33.2	-34.4	57.	0.2385	0.2165	0.6934	339.0	39.1
5521.	481.9	-29.3	32.8	33.4	-32.4	72.	0.2951	0.2656	0.6887	340.0	39.4
5567.	478.8	-29.5	33.0	33.6	-31.0	80.	0.3312	0.2881	0.6849	340.0	39.8
5611.	475.9	-29.6	33.2	33.8	-31.7	80.	0.3179	0.2853	0.6810	340.0	40.2
5651.	473.2	-29.8	33.4	34.0	-32.0	80.	0.3061	0.2769	0.6779	340.0	40.5
5692.	470.5	-30.1	33.6	34.3	-32.3	80.	0.2946	0.2687	0.6745	340.0	40.7
5733.	467.8	-30.3	33.8	34.4	-32.6	80.	0.2834	0.2607	0.6719	340.0	40.9
5772.	465.2	-30.7	34.0	34.6	-32.8	80.	0.2734	0.2535	0.6687	340.0	40.9
5812.	462.6	-31.1	34.2	34.8	-33.1	80.	0.2747	0.2479	0.6657	341.0	40.9
5853.	459.9	-31.3	34.4	35.0	-33.2	80.	0.2735	0.2530	0.6613	340.0	40.9
5892.	457.4	-31.4	34.6	35.2	-33.2	80.	0.2735	0.2530	0.6577	340.0	40.9
5933.	454.8	-31.5	34.8	35.4	-33.0	80.	0.2776	0.2564	0.6543	340.0	40.1
5976.	452.0	-31.3	35.0	35.6	-32.4	80.	0.2661	0.2415	0.6513	340.0	40.3
6019.	449.3	-31.7	35.2	35.8	-33.8	80.	0.2952	0.2311	0.6485	340.0	40.4
6061.	446.6	-32.1	35.4	36.0	-34.4	80.	0.2472	0.2241	0.6454	341.0	40.6
6104.	443.9	-32.5	35.6	36.2	-34.4	80.	0.2373	0.2173	0.6423	341.0	40.6
6145.	441.3	-32.8	35.7	36.3	-34.7	80.	0.2302	0.2108	0.6393	340.0	40.7
6188.	438.6	-32.7	35.9	36.5	-34.8	80.	0.2295	0.2086	0.6356	341.0	40.4
6228.	436.1	-32.9	36.1	36.7	-35.0	80.	0.2247	0.2044	0.6325	341.0	40.4
6270.	433.5	-33.3	36.3	36.9	-35.4	80.	0.2156	0.1962	0.6294	342.0	40.5
6324.	430.2	-33.7	36.5	37.1	-35.7	80.	0.2052	0.1883	0.6261	342.0	41.7
6370.	427.1	-34.2	36.7	37.3	-36.3	80.	0.1958	0.1788	0.6228	342.0	41.2
6420.	423.7	-34.6	36.9	37.5	-36.6	80.	0.1872	0.1715	0.6189	342.0	42.2
6468.	420.4	-34.9	37.1	37.7	-36.9	80.	0.1813	0.1662	0.6149	343.0	42.7
6520.	417.1	-35.1	37.4	38.0	-37.1	80.	0.1773	0.1628	0.6105	343.0	44.1
6573.	413.9	-35.3	37.6	38.2	-37.3	80.	0.1735	0.1594	0.6064	343.0	45.0
6626.	410.8	-35.5	37.8	38.4	-37.5	80.	0.1698	0.1561	0.6023	344.0	45.7
6678.	407.8	-35.8	38.0	38.6	-37.8	80.	0.1649	0.1515	0.5987	344.0	46.3
6741.	404.2	-36.1	38.2	38.8	-38.2	80.	0.1583	0.1451	0.5959	344.0	47.9
6795.	401.6	-36.3	38.4	39.0	-38.5	80.	0.1540	0.1391	0.5930	344.0	48.0
6838.	399.1	-36.7	38.6	39.2	-38.8	80.	0.1494	0.1353	0.5903	344.0	48.6
6882.	396.6	-37.0	38.8	39.4	-39.1	80.	0.1453	0.1321	0.5874	344.0	51.0
6930.	393.1	-37.2	39.0	39.6	-39.4	80.	0.1413	0.1287	0.5847	344.0	52.5
6984.	389.5	-37.4	39.2	39.8	-39.6	80.	0.1376	0.1277	0.5798	344.0	53.0
7012.	387.9	-37.7	39.4	40.0	-39.9	80.	0.1340	0.1255	0.5753	344.0	53.7
7060.	384.9	-37.9	39.6	40.2	-40.1	80.	0.1324	0.1230	0.5711	344.0	54.1
7110.	381.8	-38.2	39.8	40.4	-40.4	80.	0.1289	0.1264	0.5682	344.0	54.5
7157.	378.9	-38.4	40.0	40.6	-40.7	80.	0.1264	0.1211	0.5653	344.0	55.0
7203.	376.1	-38.6	40.2	40.8	-40.9	80.	0.1247	0.1180	0.5624	344.0	55.4
7248.	373.4	-38.7	40.4	41.0	-41.1	80.	0.1230	0.1111	0.5597	344.0	55.5
7296.	370.4	-38.8	40.6	41.2	-41.3	80.	0.1214	0.1076	0.5568	344.0	55.4
7350.	367.2	-38.9	40.8	41.4	-41.5	80.	0.1197	0.1041	0.5536	344.0	56.3
7377.	365.7	-39.0	40.9	41.5	-41.6	80.	0.1189	0.1024	0.5520	344.0	57.2
7410.	363.7	-39.1	41.1	41.7	-41.8	80.	0.1181	0.1010	0.5496	344.0	57.4
7450.	361.3	-39.2	41.3	41.9	-41.9	80.	0.1173	0.0993	0.5468	344.0	57.6
7500.	358.3	-39.3	41.5	42.1	-42.0	80.	0.1164	0.0967	0.5437	344.0	57.8
7544.	355.8	-39.4	41.7	42.3	-42.2	80.	0.1147	0.0946	0.5414	344.0	57.9
7561.	354.8	-39.5	41.8	42.4	-42.3	80.	0.1139	0.0935	0.5401	344.0	58.0
7600.	352.5	-39.6	42.0	42.6	-42.4	80.	0.1131	0.0924	0.5385	344.0	58.1
7639.	350.2	-39.7	42.2	42.8	-42.5	80.	0.1122	0.0914	0.5370	344.0	58.2
7680.	347.9	-39.8	42.4	43.0	-42.6	80.	0.1114	0.0904	0.5290	344.0	58.3
7730.	345.0	-40.0	42.6	43.2	-42.8	80.	0.1106	0.0865	0.5265	344.0	58.4
7776.	342.4	-40.1	42.8	43.4	-42.9	80.	0.1098	0.0828	0.5241	344.0	58.5
7817.	340.1	-40.2	43.0	43.6	-43.0	80.	0.1090	0.0793	0.5218	344.0	58.6
7855.	338.0	-40.3	43.2	43.8	-43.1	80.	0.1082	0.0758	0.5194	344.0	58.7
7894.	335.8	-40.4	43.4	44.0	-43.2	80.	0.1074	0.0724	0.5168	344.0	58.8
7932.	333.7	-40.5	43.6	44.2	-43.3	80.	0.1066	0.0690	0.5144	344.0	58.9
7981.	331.0	-40.6	43.8	44.4	-43.4	80.	0.1058	0.0652	0.5119	344.0	59.0
8022.	328.8	-40.7	44.0	44.6	-43.5	80.	0.1050	0.0620	0.5097	344.0	59.1
8056.	327.0	-40.8	44.2	44.8	-43.6	80.	0.1042	0.0594	0.5077	344.0	59.2
8092.	325.1	-40.9	44.4	45.0	-43.7	80.	0.1034	0.0567	0.5055	344.0	59.3
8135.	322.9	-41.0	44.6	45.2	-43.8	80.	0.1026	0.0537	0.5028	344.0	59.4
8178.	320.7	-41.1	44.8	45.4	-43.9	80.	0.1018	0.0508	0.5005	344.0	59.5
8214.	318.9	-41.2	45.0	45.6	-44.0	80.	0.1010	0.0484	0.4986	344.0	59.6
8255.	316.8	-41.3	45.2	45.8	-44.1	80.	0.1002	0.0457	0.4967	344.0	59.7
8297.	314.7	-41.4	45.4	46.0	-44.2	80.	0.0994	0.0430	0.4944	344.0	59.8
8327.	313.2	-41.5	45.6	46.2	-44.3	80.	0.0986	0.0411	0.4927	344.0	59.9
8373.	310.7	-41.6	45.8	46.4	-44.4	80.	0.0978	0.0382	0.4906	344.0	60.0
8411.	308.7	-41.7	46.0	46.6	-44.5	80.	0.0970	0.0358	0.4884	344.0	60.1
8427.	307.7	-41.8	46.2	46.8	-44.6	80.	0.0962	0.0348	0.4877	344.0	60.2
8444.	306.7	-41.9	46.4	47.0	-44.7	80.	0.0954	0.0337	0.4866	344.0	60.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8540.	310.8	-46.8	42.9	42.9	-46.6	80.	0.0466	0.0450	0.4784	342.0	58.6
8562.	308.8	-47.1	43.1	43.1	-48.9	80.	0.0450	0.0435	0.4759	342.0	58.6
8621.	307.0	-47.3	43.3	43.3	-49.1	60.	0.0435	0.0425	0.4736	342.0	58.5
8662.	305.1	-47.5	43.6	43.6	-49.3	60.	0.0428	0.0415	0.4711	342.0	58.5
8701.	303.3	-47.7	43.8	43.9	-49.5	80.	0.0418	0.0405	0.4687	342.0	58.5
8740.	301.5	-48.0	44.0	44.0	-49.8	80.	0.0403	0.0391	0.4665	342.0	58.5
8782.	299.6	-48.4	44.0	44.0	-50.2	80.	0.0384	0.0373	0.4644	342.0	58.5
8828.	297.5	-48.8	44.0	44.0	-50.6	80.	0.0366	0.0356	0.4620	342.0	58.5
8872.	295.5	-49.2	44.1	44.1	-51.0	80.	0.0348	0.0340	0.4597	342.0	58.5
8919.	293.4	-49.6	44.2	44.2	-51.4	80.	0.0332	0.0324	0.4572	342.0	58.5
8966.	291.3	-49.9	44.4	44.4	-51.7	80.	0.0320	0.0313	0.4546	342.0	58.5
9008.	289.4	-50.2	44.5	44.6	-52.0	80.	0.0308	0.0302	0.4522	342.0	58.5
9051.	287.5	-50.4	44.9	44.9	-52.2	80.	0.0300	0.0295	0.4497	342.0	58.4
9090.	285.8	-50.7	45.0	45.0	-52.5	80.	0.0289	0.0284	0.4476	342.0	58.4
9129.	284.1	-50.6	45.4	45.4	-52.6	80.	0.0286	0.0281	0.4451	342.0	58.4
9168.	282.4	-51.0	45.6	45.6	-52.8	80.	0.0279	0.0274	0.4429	342.0	58.3
9209.	280.6	-51.3	45.8	45.8	-53.1	80.	0.0269	0.0264	0.4406	343.0	58.1
9250.	278.8	-51.5	46.1	46.2	-53.3	80.	0.0262	0.0258	0.4379	343.0	57.8
9300.	276.7	-51.8	46.6	46.6	-53.4	80.	0.0259	0.0255	0.4351	342.0	57.3
9342.	274.9	-51.8	46.9	46.9	-53.6	80.	0.0252	0.0249	0.4327	342.0	56.6
9389.	272.9	-51.9	47.5	47.5	-53.7	80.	0.0249	0.0246	0.4297	343.0	56.1
9435.	271.0	-51.9	48.1	48.1	-53.7	80.	0.0249	0.0246	0.4267	343.0	55.3
9478.	269.2	-52.1	48.4	48.4	-53.9	80.	0.0243	0.0240	0.4243	343.0	54.6
9516.	267.6	-52.3	48.7	48.7	-54.1	80.	0.0237	0.0234	0.4221	343.0	53.5
9560.	265.8	-52.4	49.1	49.2	-54.2	80.	0.0234	0.0231	0.4195	343.0	52.6
9601.	264.1	-52.6	49.4	49.5	-54.4	80.	0.0228	0.0226	0.4172	343.0	51.5
9646.	262.2	-52.8	49.8	49.8	-54.5	80.	0.0222	0.0220	0.4145	343.0	50.5
9692.	260.4	-53.1	50.0	50.0	-54.8	80.	0.0214	0.0212	0.4123	343.0	49.6
9737.	258.6	-53.3	50.4	50.4	-55.0	80.	0.0209	0.0207	0.4098	343.0	48.6
9779.	256.9	-53.4	50.8	50.8	-55.1	80.	0.0206	0.0205	0.4073	343.0	47.8
9822.	255.2	-53.4	51.4	51.5	-55.1	80.	0.0206	0.0205	0.4046	343.0	47.4
9862.	253.6	-53.6	51.7	51.7	-55.3	80.	0.0201	0.0200	0.4024	343.0	46.7
9903.	252.0	-53.9	51.9	51.9	-55.6	80.	0.0193	0.0193	0.4004	343.0	46.2
9943.	250.4	-53.9	52.5	52.5	-55.6	80.	0.0193	0.0193	0.3979	343.0	45.9
9987.	248.7	-53.9	53.1	53.1	-55.6	80.	0.0193	0.0193	0.3952	343.0	45.5
10031.	247.0	-53.8	53.9	53.9	-55.5	80.	0.0196	0.0195	0.3923	343.0	45.3
10075.	245.3	-53.8	54.5	54.5	-55.5	80.	0.0196	0.0195	0.3896	343.0	45.2
10117.	243.7	-53.9	55.0	55.0	-55.6	80.	0.0193	0.0193	0.3872	343.0	45.0
10160.	242.1	-54.0	55.6	55.6	-55.7	80.	0.0191	0.0190	0.3849	343.0	45.0
10199.	240.6	-54.0	56.1	56.1	-55.7	80.	0.0191	0.0190	0.3825	343.0	44.9
10239.	239.1	-54.0	56.6	56.6	-55.7	80.	0.0191	0.0190	0.3801	343.0	44.8
10280.	237.6	-53.9	57.4	57.4	-55.6	80.	0.0193	0.0192	0.3775	342.0	44.7
10323.	236.0	-53.9	58.0	58.0	-55.6	80.	0.0193	0.0192	0.3750	342.0	44.6
10367.	234.4	-53.9	58.7	58.7	-55.6	80.	0.0193	0.0192	0.3725	342.0	44.5
10413.	232.7	-53.8	59.5	59.5	-55.5	80.	0.0196	0.0195	0.3696	342.0	44.4
10456.	231.1	-53.7	60.3	60.3	-55.4	80.	0.0198	0.0197	0.3669	342.0	44.3
10499.	229.6	-53.6	61.1	61.2	-55.3	80.	0.0201	0.0200	0.3643	342.0	44.2
10539.	228.2	-53.6	61.8	61.8	-55.2	80.	0.0203	0.0202	0.3619	342.0	44.0
10581.	226.7	-53.7	62.1	62.2	-55.4	80.	0.0198	0.0197	0.3599	341.0	43.7
10621.	225.3	-53.8	62.8	62.8	-55.5	80.	0.0196	0.0195	0.3578	341.0	43.7
10664.	223.8	-53.8	63.5	63.5	-55.5	80.	0.0196	0.0195	0.3554	341.0	43.5
10707.	222.3	-53.7	64.2	64.2	-55.4	80.	0.0198	0.0197	0.3529	340.0	43.3
10747.	220.9	-53.6	64.9	64.9	-55.3	80.	0.0201	0.0200	0.3505	340.0	43.1
10788.	219.5	-53.6	65.6	65.6	-55.2	80.	0.0203	0.0202	0.3481	339.0	43.0
10828.	218.1	-53.6	66.2	66.2	-55.2	80.	0.0203	0.0202	0.3459	339.0	42.9
10872.	216.7	-53.6	66.7	66.7	-55.3	80.	0.0201	0.0200	0.3439	339.0	42.8
10912.	215.5	-53.5	67.3	67.3	-55.3	80.	0.0201	0.0200	0.3416	339.0	42.8
10954.	214.2	-53.5	68.1	68.1	-55.3	80.	0.0201	0.0200	0.3393	337.0	42.7
10994.	212.9	-53.5	68.8	68.8	-55.3	80.	0.0201	0.0200	0.3370	336.0	42.7
11040.	211.5	-53.6	69.4	69.4	-55.4	80.	0.0198	0.0197	0.3348	336.0	42.6
11080.	210.4	-53.7	70.0	69.9	-55.4	80.	0.0198	0.0197	0.3324	336.0	42.6
11130.	209.4	-53.6	70.7	70.7	-55.4	80.	0.0201	0.0200	0.3299	335.0	42.4
11180.	208.3	-53.6	71.4	71.4	-55.4	80.	0.0203	0.0202	0.3272	334.0	42.3
11240.	207.1	-53.6	72.0	72.0	-55.4	80.	0.0203	0.0202	0.3245	333.0	42.0
11287.	206.1	-53.6	72.6	72.6	-55.4	80.	0.0203	0.0202	0.3217	333.0	41.8
11334.	205.1	-53.6	73.2	73.2	-55.4	80.	0.0211	0.0210	0.3193	332.0	41.4
11388.	203.9	-53.6	73.9	73.9	-55.4	80.	0.0214	0.0213	0.3169	332.0	41.2
11431.	202.8	-53.5	74.4	74.4	-55.3	80.	0.0217	0.0216	0.3150	331.0	41.0
11476.	201.7	-53.5	75.0	75.0	-55.3	80.	0.0221	0.0220	0.3128	331.0	40.7
11525.	200.5	-53.4	75.7	75.7	-55.2	80.	0.0224	0.0223	0.3105	330.0	40.4
11574.	199.2	-53.4	76.4	76.4	-55.2	80.	0.0226	0.0225	0.3082	330.0	40.2
11617.	198.0	-53.4	76.9	76.9	-55.2	80.	0.0226	0.0225	0.3060	330.0	40.0
11664.	196.8	-53.4	77.5	77.5	-55.1	80.	0.0207	0.0205	0.3036	330.0	39.8
11715.	195.5	-53.4	78.1	78.1	-55.1	80.	0.0209	0.0207	0.3016	330.0	39.6
11762.	194.3	-53.4	78.7	78.7	-55.1	80.	0.0214	0.0212	0.2991	330.0	39.4
11797.	193.4	-53.4	79.1	79.1	-55.1	80.	0.0218	0.0216	0.2967	329.0	39.2
11841.	192.3	-53.4	79.7	79.7	-55.1	80.	0.0223	0.0221	0.2944	329.0	39.1
11886.	191.2	-53.4	80.3	80.3	-55.1	80.	0.0225	0.0223	0.2922	329.0	38.9
11928.	190.2	-53.4	80.8	80.8	-55.1	80.	0.0228	0.0226	0.2903	328.0	38.7
11974.	189.0	-53.4	81.4	81.4	-55.1	80.	0.0228	0.0226	0.2883	328.0	38.5
12017.	187.9	-53.4	81.9	81.9	-55.1	80.	0.0228	0.0226	0.2864	328.0	38.3
12060.	186.8	-53.4	82.4	82.4	-55.1	80.	0.0223	0.0222	0.2847	328.0	38.2
12103.	185.8	-53.4	82.8	82.8	-55.1	80.	0.0217	0.0216	0.2831	328.0	38.0
12146.	184.7	-53.4	83.3	83.3	-55.1	80.	0.0214	0.0213	0.2813	328.0	37.8
12193.	183.6	-53.4	83.7	83.7	-55.1	80.	0.0223	0.0222	0.2794	327.0	37.6
12233.	182.7	-53.4	84.2	84.2	-55.1	80.	0.0231	0.0229	0.2777	327.0	37.4
12274.	181.7	-53.4	84.6	84.6	-55.1	80.	0.0237	0.0235	0.2760	327.0	37.3
12318.	180.7	-53.4	85.1	85.1	-55.1	80.	0.0242	0.0240	0.2743	327.0	37.1
12364.	179.6	-53.4	85.6	85.6	-55.1	80.	0.0247	0.0245	0.2727	326.0	36.9
12404.	178.7	-53.4	86.0	86.0	-55.1	80.	0.0247	0.0245	0.2706	326.0	36.7
12447.	177.7	-53.4	86.5	86.5	-55.1	80.	0.0249	0.0247	0.2688	326.0	36.6
12491.	176.7	-53.4	86.9	86.9	-55.1	80.	0.0243	0.0242	0.2671	326.0	36.4
12534.	175.7	-53.4	87.4	87.4	-55.1	80.	0.0259	0.0257	0.2657	325.0	36.2
12581.	174.7	-53.4	87.9	87.9	-55.1	80.	0.0234	0.0233	0.2641	325.0	36.0
12627.	173.7	-53.4	88.4	88.4	-55.1	80.	0.0234	0.0233	0.2623	324.0	35.8
12669.	172.8	-53.4	88.8	88.8	-55.1	80.	0.0229	0.0228	0.2605	324.0	35.7
12711.	171.8	-53.4	89.3	89.3	-55.1	80.	0.0226	0.0225	0.2587	324.0	35.5
12753.	170.9	-53.4	89.7	89.7	-55.1	80.	0.0214	0.0212	0.2568	324.0	35.3
12796.	169.9	-53.4	90.2	90.2	-55.1	80.	0.0247	0.0245	0.2548	323.0	35.1
12838.	169.0	-53.4	90.7	90.7	-55.1	80.	0.0222	0.0221	0.2532	323.0	35.0
12884.	168.0	-53.4	91.2	91.2	-55.1	80.	0.0226	0.0225	0.2514	323.0	34.8
12927.	167.1	-53.4	91.6	91.6	-55.1	80.	0.0234	0.0233	0.2496	322.0	34.6
12971.	166.2	-53.4	92.1	92.1	-55.1	80.	0.0212	0.0211	0.2478	322.0	34.4
13014.	165.2	-53.4	92.6	92.6	-55.1	80.	0.0247	0.0245	0.2460	322.0	34.3
13058.	164.3	-53.4	93.1	93.1	-55.1	80.	0.0222	0.0221	0.2443	321.0	34.1
13101.	163.4	-53.4	93.5	93.5	-55.1	80.	0.0218	0.0217	0.2426	321.0	33.9
13144.	162.5	-53.4	94.0	94.0	-55.1	80.	0.0218	0.0217	0.2411	321.0	33.7
13211.	161.0	-53.4	94.8	94.8	-55.1	80.	0.0218	0.0217	0.2395	321.0	33.4
13254.	160.0	-53.4	95.3	95.3	-55.1	80.	0.0191	0.0190	0.2379	321.0	33.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13287.	148.6	-53.	1 4.7	1 4.	-55.6	80.	0.0193	0.0194	0.2361	316.0	36.3
13336.	147.7	-54.	1.5.3	15.3	-55.7	80.	0.0191	0.0190	0.2348	315.0	36.4
13384.	146.8	-54.	1.6.0	16.0	-55.8	80.	0.0188	0.0188	0.2332	315.0	36.4
13427.	145.9	-54.	1.6.7	16.7	-55.8	80.	0.0188	0.0188	0.2316	315.0	36.4
13467.	144.7	-54.	1.7.5	17.5	-55.7	80.	0.0191	0.0190	0.2300	314.0	36.4
13512.	143.7	-54.	1.8.3	18.3	-55.7	80.	0.0191	0.0190	0.2284	313.0	36.3
13558.	142.6	-53.7	1.9.0	19.0	-55.4	80.	0.0196	0.0197	0.2267	313.0	36.2
13592.	141.6	-53.	1.9.8	19.8	-55.2	80.	0.0202	0.0202	0.2251	312.0	36.2
13633.	141.0	-53.	111.7	111.	-54.9	80.	0.0211	0.0210	0.2233	312.0	36.0
13675.	140.1	-53.	112.5	112.	-54.7	80.	0.0217	0.0215	0.2217	311.0	36.0
13721.	139.1	-52.7	113.1	114.1	-54.4	80.	0.0225	0.0223	0.2198	311.0	35.7
13765.	138.2	-52.	114.	115.	-54.4	80.	0.0226	0.0226	0.2183	310.0	35.5
13809.	137.2	-52.6	115.8	115.8	-54.4	80.	0.0226	0.0226	0.2167	310.0	35.3
13856.	136.2	-52.6	116.6	116.6	-54.4	80.	0.0226	0.0226	0.2152	310.0	35.1
13899.	135.3	-52.6	117.4	117.4	-54.4	80.	0.0226	0.0226	0.2137	309.0	35.0
13942.	134.4	-52.6	118.1	118.1	-54.4	80.	0.0226	0.0226	0.2123	309.0	34.8
13986.	133.5	-52.5	118.9	118.9	-54.3	80.	0.0231	0.0229	0.2108	309.0	34.7
14029.	132.6	-52.4	119.6	119.6	-54.2	80.	0.0234	0.0231	0.2093	309.0	34.1
14073.	131.7	-52.4	120.4	120.4	-54.1	80.	0.0237	0.0234	0.2078	309.0	33.9
14117.	130.8	-52.3	121.1	121.1	-54.0	80.	0.0241	0.0237	0.2062	309.0	33.6
14162.	129.9	-52.1	121.8	121.8	-53.9	80.	0.0243	0.0240	0.2047	308.0	33.3
14212.	129.0	-52.0	122.5	122.5	-53.8	80.	0.0246	0.0243	0.2031	307.0	33.1
14257.	128.0	-51.7	123.2	123.2	-53.5	80.	0.0255	0.0252	0.2014	307.0	32.8
14298.	127.2	-51.5	123.9	123.9	-53.2	80.	0.0262	0.0259	0.1999	306.0	32.5
14339.	126.4	-51.4	124.7	124.7	-53.2	80.	0.0265	0.0261	0.1986	306.0	32.1
14385.	125.5	-51.4	125.4	125.4	-53.2	80.	0.0265	0.0261	0.1972	305.0	32.0
14432.	124.5	-51.4	126.2	126.2	-53.2	80.	0.0265	0.0261	0.1958	305.0	31.8
14474.	123.6	-51.3	126.9	126.9	-53.1	80.	0.0268	0.0264	0.1944	305.0	31.7
14521.	122.9	-51.1	127.6	127.6	-52.9	80.	0.0275	0.0271	0.1928	304.0	31.6
14563.	122.1	-50.9	128.2	128.2	-52.7	80.	0.0282	0.0277	0.1914	304.0	31.4
14606.	121.3	-50.8	128.9	128.9	-52.7	80.	0.0282	0.0277	0.1902	304.0	31.3
14648.	120.5	-51.0	129.4	129.4	-52.8	80.	0.0279	0.0274	0.1890	303.0	31.2
14692.	119.7	-51.0	130.1	130.1	-52.8	80.	0.0279	0.0274	0.1877	303.0	31.1
14736.	118.9	-50.9	130.7	130.7	-52.7	80.	0.0282	0.0277	0.1864	303.0	31.0
14782.	118.1	-50.8	131.4	131.4	-52.6	80.	0.0286	0.0281	0.1851	302.0	30.9
14824.	117.3	-50.8	132.0	132.0	-52.7	80.	0.0282	0.0277	0.1839	302.0	30.8
14868.	116.5	-51.1	132.7	132.7	-52.9	80.	0.0275	0.0271	0.1828	302.0	30.9
14913.	115.7	-51.4	133.4	133.4	-53.2	80.	0.0265	0.0261	0.1818	302.0	30.8
14952.	115.0	-51.7	134.0	134.0	-53.5	80.	0.0255	0.0252	0.1809	301.0	30.6
14996.	114.2	-51.7	134.6	134.6	-53.7	80.	0.0249	0.0246	0.1798	301.0	30.5
15037.	113.5	-52.1	135.3	135.3	-53.9	80.	0.0243	0.0240	0.1789	301.0	30.4
15077.	112.8	-52.5	135.9	135.9	-54.1	80.	0.0240	0.0237	0.1777	301.0	30.4
15123.	112.0	-52.8	136.5	136.5	-54.3	80.	0.0243	0.0240	0.1764	300.0	30.4
15164.	111.3	-52.1	137.2	137.2	-53.5	80.	0.0243	0.0240	0.1754	300.0	30.3
15205.	110.5	-52.2	137.8	137.8	-53.6	80.	0.0240	0.0237	0.1744	300.0	30.3
15252.	109.8	-52.2	138.4	138.4	-53.6	80.	0.0240	0.0237	0.1731	299.0	30.2
15299.	109.0	-52.1	139.1	139.1	-53.5	80.	0.0243	0.0240	0.1718	299.0	30.2
15340.	108.3	-52.2	139.7	139.7	-53.6	80.	0.0240	0.0237	0.1708	298.0	30.2
15388.	107.5	-52.3	140.4	140.4	-53.8	80.	0.0237	0.0234	0.1696	298.0	30.1
15436.	106.7	-52.3	141.0	141.0	-53.8	80.	0.0237	0.0234	0.1683	297.0	30.1
15479.	106.0	-52.3	141.7	141.7	-53.8	80.	0.0237	0.0234	0.1672	297.0	30.1
15522.	105.3	-52.4	142.3	142.3	-53.9	80.	0.0234	0.0231	0.1662	296.0	30.1
15571.	104.5	-52.6	142.9	142.9	-54.0	80.	0.0231	0.0228	0.1650	296.0	30.1
15608.	103.9	-52.6	143.6	143.6	-54.0	80.	0.0231	0.0228	0.1641	296.0	30.1
15658.	103.1	-52.5	144.2	144.2	-54.0	80.	0.0237	0.0234	0.1626	295.0	30.1
15702.	102.4	-52.1	144.9	144.9	-53.8	80.	0.0243	0.0240	0.1614	295.0	30.1
15753.	101.6	-51.9	145.5	145.5	-53.6	80.	0.0252	0.0249	0.1599	295.0	30.1
15804.	100.8	-51.9	146.2	146.2	-53.7	80.	0.0249	0.0246	0.1587	294.0	30.0
15849.	100.1	-51.8	146.8	146.8	-53.6	80.	0.0252	0.0255	0.1574	294.0	30.0
15901.	99.3	-51.4	147.5	147.5	-53.2	80.	0.0265	0.0261	0.1563	294.0	30.0
15947.	98.6	-51.3	148.1	148.1	-53.1	80.	0.0268	0.0264	0.1549	293.0	30.0
15993.	97.9	-51.2	148.8	148.8	-53.0	80.	0.0272	0.0267	0.1537	293.0	30.0
16040.	97.2	-51.3	149.4	149.4	-53.1	80.	0.0268	0.0264	0.1527	292.0	30.0
16086.	96.5	-51.3	150.0	150.0	-53.1	80.	0.0268	0.0264	0.1516	292.0	30.0
16140.	95.7	-51.3	150.8	150.8	-53.1	80.	0.0268	0.0264	0.1503	291.0	30.0
16188.	95.0	-51.1	151.4	151.4	-52.9	80.	0.0275	0.0271	0.1491	292.0	31.2
16236.	94.3	-50.9	152.1	152.1	-52.7	80.	0.0282	0.0277	0.1478	291.0	31.6
16285.	93.6	-50.6	152.8	152.7	-52.4	80.	0.0293	0.0287	0.1465	291.0	31.9
16340.	92.8	-50.5	153.4	153.4	-52.3	80.	0.0296	0.0291	0.1452	290.0	32.2
16390.	92.1	-50.5	154.1	154.1	-52.3	80.	0.0296	0.0291	0.1441	290.0	32.4
16432.	91.5	-50.3	154.7	154.7	-52.1	80.	0.0304	0.0298	0.1431	289.0	32.5
16482.	90.6	-50.2	155.4	155.4	-52.0	80.	0.0308	0.0301	0.1419	289.0	32.6
16533.	90.1	-50.1	156.0	156.0	-51.9	80.	0.0312	0.0305	0.1407	288.0	32.9
16584.	89.4	-50.0	156.7	156.7	-51.8	80.	0.0315	0.0309	0.1396	287.0	33.0
16628.	88.8	-49.9	157.4	157.4	-51.8	80.	0.0323	0.0316	0.1385	287.0	33.1
16679.	88.1	-49.8	158.0	158.0	-51.8	80.	0.0331	0.0324	0.1373	286.0	33.3
16724.	87.5	-49.4	158.7	158.7	-51.6	80.	0.0339	0.0332	0.1363	286.0	33.4
16777.	86.8	-49.3	159.3	159.3	-51.5	80.	0.0344	0.0337	0.1351	285.0	33.5
16822.	86.2	-49.1	160.0	160.0	-51.4	80.	0.0352	0.0344	0.1341	285.0	33.6
16875.	85.5	-48.9	160.7	160.7	-51.3	80.	0.0361	0.0352	0.1329	284.0	33.8
16922.	84.9	-48.9	161.3	161.3	-51.3	80.	0.0361	0.0352	0.1319	284.0	34.0
16968.	84.3	-48.8	161.9	161.9	-51.2	80.	0.0365	0.0356	0.1309	283.0	34.1
17019.	83.7	-48.6	162.6	162.6	-51.0	80.	0.0375	0.0364	0.1299	282.0	34.2
17064.	83.2	-48.4	163.2	163.2	-50.9	80.	0.0384	0.0373	0.1290	281.0	34.2
17102.	82.8	-48.0	163.8	163.8	-50.7	80.	0.0403	0.0391	0.1278	281.0	34.2
17150.	82.2	-47.8	164.5	164.5	-50.6	80.	0.0413	0.0400	0.1268	280.0	34.2
17198.	81.4	-47.8	165.1	165.1	-50.6	80.	0.0413	0.0400	0.1259	279.0	34.1
17247.	80.8	-47.6	165.8	165.8	-50.5	80.	0.0408	0.0395	0.1250	278.0	34.2
17288.	80.3	-47.3	166.4	166.4	-50.4	80.	0.0408	0.0395	0.1242	278.0	34.1
17337.	79.7	-47.6	167.1	167.1	-50.6	80.	0.0413	0.0400	0.1232	277.0	34.1
17387.	79.1	-47.7	167.7	167.7	-50.7	80.	0.0419	0.0405	0.1223	276.0	34.0
17421.	78.7	-47.5	168.3	168.3	-50.5	80.	0.0424	0.0414	0.1215	276.0	34.1
17463.	78.2	-47.3	168.9	168.9	-50.3	80.	0.0424	0.0424	0.1207	275.0	34.2
17513.	77.6	-47.3	169.6	169.6	-50.3	80.	0.0428	0.0424	0.1197	275.0	34.2
17565.	77.0	-47.5	170.2	170.2	-50.5	80.	0.0428	0.0424	0.1188	274.0	34.3
17608.	76.5	-46.9	170.8	170.8	-49.7	80.	0.0440	0.0444	0.1178	273.0	34.1
17651.	76.0	-46.5	171.5	171.5	-49.3	80.	0.0483	0.0465	0.1169	273.0	34.1
17695.	75.5	-46.2	172.1	172.1	-49.1	80.	0.0500	0.0482	0.1159	272.0	34.1
17738.	75.0	-45.9	172.7	172.7	-48.8	80.	0.0519	0.0494	0.1150	272.0	34.1
17784.	74.5	-45.7	173.4	173.4	-48.6	80.	0.0531	0.0510	0.1142	272.0	34.1
17837.	73.9	-45.7	174.0	174.0	-48.6	80.	0.0531	0.0510	0.1132	272.0	34.1
17892.	73.3	-45.6	174.6	174.6	-48.5	80.	0.0537	0.0516	0.1123	272.0	34.0
17937.	72.8	-45.4	175.3	175.3	-48.3	80.	0.0550	0.0528	0.1114	271.0	33.9
17992.	72.2	-45.2	175.9	175.9	-48.1	80.	0.0564	0.0540	0.1104	271.0	34.0
18039.	71.7	-45.0	176.5	176.5	-47.9	80.	0.0577	0.0553	0.1095	271.0	33.9
18095.	71.1	-44.7	177.2	177.2	-47.6	80.	0.0598	0.0572	0.1085	271.0	33.8
18142.	70.6	-44.3	177.8	177.8	-47.2	80.	0.0623	0.0598	0.1075	271.0	33.8
18189.	70.1	-44.3	178.4	178.4	-47.2	80.	0.0623	0.0598	0.1068	270.0	33.7
18237.	69.6	-44.3	179.1	179.1	-47.2	80.	0.0623	0.0598	0.1060	271.0	33.6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18266.	672.1	-44.3	247.1	217.4	-46.2	80.	0.0627	0.0598	0.1052	270.0	33.5
18344.	668.5	-44.5	219.3	219.3	-46.2	80.	0.0627	0.0598	0.1045	270.0	33.4
18393.	666.0	-44.5	220.0	220.0	-46.2	80.	0.0627	0.0596	0.1036	270.0	33.3
18442.	663.5	-44.3	221.1	221.2	-46.2	80.	0.0627	0.0598	0.1028	270.0	33.1
18492.	661.1	-44.5	221.9	221.7	-46.4	80.	0.0612	0.0585	0.1023	270.0	33.0
18542.	658.5	-44.7	222.8	222.8	-46.6	80.	0.0598	0.0572	0.1015	270.0	32.8
18593.	656.0	-44.8	223.8	223.8	-46.7	80.	0.0591	0.0565	0.1007	269.0	32.6
18643.	653.5	-44.8	224.8	224.8	-46.8	80.	0.0584	0.0559	0.1000	269.0	32.4
18693.	651.0	-44.8	225.8	225.8	-46.7	80.	0.0591	0.0565	0.0992	269.0	32.1
18743.	648.5	-44.8	226.8	226.8	-46.7	80.	0.0591	0.0565	0.0985	268.0	31.9
18793.	646.0	-44.8	227.8	227.8	-46.8	80.	0.0584	0.0559	0.0977	268.0	31.7
18843.	643.5	-45.0	228.8	228.8	-46.9	80.	0.0577	0.0553	0.0970	267.0	31.6
18893.	641.1	-45.0	229.8	229.8	-46.9	80.	0.0577	0.0553	0.0964	267.0	31.4
18943.	638.6	-45.0	230.8	230.8	-47.1	80.	0.0564	0.0540	0.0957	267.0	31.3
18993.	636.1	-45.1	231.8	231.7	-47.3	80.	0.0550	0.0528	0.0950	267.0	31.2
19043.	633.6	-45.2	232.8	232.7	-47.4	80.	0.0544	0.0522	0.0943	266.0	31.1
19093.	631.1	-45.2	233.8	233.7	-47.1	80.	0.0564	0.0540	0.0934	266.0	31.1
19143.	628.7	-45.1	234.8	234.7	-47.0	80.	0.0570	0.0546	0.0928	266.0	31.1
19193.	626.2	-44.9	235.8	235.8	-46.8	80.	0.0584	0.0559	0.0919	266.0	31.1
19243.	623.8	-44.7	236.8	236.7	-46.6	80.	0.0598	0.0572	0.0912	266.0	31.2
19293.	621.3	-44.6	237.8	237.8	-46.5	80.	0.0605	0.0576	0.0904	267.0	31.3
19343.	618.9	-44.6	238.8	238.8	-46.5	80.	0.0605	0.0578	0.0898	266.0	31.4
19393.	616.4	-44.7	239.8	239.8	-46.6	80.	0.0598	0.0572	0.0891	266.0	31.4
19443.	614.0	-44.8	240.8	240.8	-46.7	80.	0.0591	0.0565	0.0884	267.0	31.6
19493.	611.5	-44.8	241.8	241.8	-46.7	80.	0.0591	0.0565	0.0878	267.0	31.7
19543.	609.1	-44.8	242.8	242.8	-46.7	80.	0.0591	0.0565	0.0870	266.0	31.7
19593.	606.6	-44.8	243.8	243.8	-46.7	80.	0.0591	0.0565	0.0864	266.0	31.8
19643.	604.2	-44.7	244.8	244.8	-46.6	80.	0.0598	0.0572	0.0858	266.0	32.1
19693.	601.7	-44.7	245.8	245.8	-46.6	80.	0.0598	0.0572	0.0851	266.0	32.3
19743.	599.3	-44.7	246.8	246.8	-46.6	80.	0.0584	0.0559	0.0845	265.0	32.4
19793.	596.8	-44.7	247.8	247.8	-46.6	80.	0.0577	0.0553	0.0839	264.0	32.4
19843.	594.4	-44.7	248.8	248.8	-46.6	80.	0.0570	0.0546	0.0834	265.0	32.5
19893.	591.9	-44.7	249.8	249.8	-46.7	80.	0.0550	0.0528	0.0829	264.0	32.4
19943.	589.5	-44.7	250.8	250.8	-46.7	80.	0.0537	0.0516	0.0823	263.0	32.4
19993.	587.0	-44.7	251.8	251.8	-46.7	80.	0.0531	0.0510	0.0819	263.0	32.4
20042.	584.6	-44.7	252.8	252.8	-46.7	80.	0.0518	0.0498	0.0814	262.0	32.4
20092.	582.2	-44.8	253.8	253.8	-46.8	80.	0.0504	0.0487	0.0808	262.0	32.2
20142.	579.8	-44.8	254.8	254.8	-46.9	80.	0.0491	0.0476	0.0803	261.0	32.1
20192.	577.4	-44.9	255.8	255.8	-47.0	80.	0.0484	0.0469	0.0801	261.0	32.0
20242.	575.0	-45.0	256.8	256.8	-47.2	80.	0.0471	0.0456	0.0795	260.0	31.9
20292.	572.6	-45.1	257.8	257.8	-47.3	80.	0.0464	0.0450	0.0788	260.0	31.7
20342.	570.2	-45.2	258.8	258.8	-47.5	80.	0.0450	0.0438	0.0781	260.0	31.6
20392.	567.8	-45.3	259.8	259.8	-47.6	80.	0.0437	0.0423	0.0775	259.0	31.4
20442.	565.4	-45.4	260.8	260.8	-47.8	80.	0.0423	0.0410	0.0769	259.0	31.3
20492.	563.0	-45.5	261.8	261.8	-47.9	80.	0.0410	0.0397	0.0762	259.0	31.2
20542.	560.6	-45.6	262.8	262.8	-48.1	80.	0.0397	0.0384	0.0756	259.0	31.1
20592.	558.2	-45.7	263.8	263.8	-48.2	80.	0.0384	0.0371	0.0749	259.0	31.0
20642.	555.8	-45.8	264.8	264.8	-48.4	80.	0.0371	0.0358	0.0743	259.0	30.9
20692.	553.4	-45.9	265.8	265.8	-48.5	80.	0.0358	0.0345	0.0736	259.0	30.8
20742.	551.0	-46.0	266.8	266.8	-48.7	80.	0.0345	0.0332	0.0730	259.0	30.7
20792.	548.6	-46.1	267.8	267.8	-48.8	80.	0.0332	0.0319	0.0723	259.0	30.6
20842.	546.2	-46.2	268.8	268.8	-49.0	80.	0.0319	0.0306	0.0717	259.0	30.5
20892.	543.8	-46.3	269.8	269.8	-49.1	80.	0.0306	0.0293	0.0710	259.0	30.4
20942.	541.4	-46.4	270.8	270.8	-49.3	80.	0.0293	0.0280	0.0704	259.0	30.3
20992.	539.0	-46.5	271.8	271.8	-49.4	80.	0.0280	0.0267	0.0697	259.0	30.2
21042.	536.6	-46.6	272.8	272.8	-49.6	80.	0.0267	0.0254	0.0691	259.0	30.1
21092.	534.2	-46.7	273.8	273.8	-49.7	80.	0.0254	0.0241	0.0684	259.0	30.0
21142.	531.8	-46.8	274.8	274.8	-49.9	80.	0.0241	0.0228	0.0678	259.0	29.9
21192.	529.4	-46.9	275.8	275.8	-50.0	80.	0.0228	0.0215	0.0671	259.0	29.8
21242.	527.0	-47.0	276.8	276.8	-50.2	80.	0.0215	0.0202	0.0665	259.0	29.7
21292.	524.6	-47.1	277.8	277.8	-50.3	80.	0.0202	0.0189	0.0658	259.0	29.6
21342.	522.2	-47.2	278.8	278.8	-50.5	80.	0.0189	0.0176	0.0652	259.0	29.5
21392.	519.8	-47.3	279.8	279.8	-50.6	80.	0.0176	0.0163	0.0645	259.0	29.4
21442.	517.4	-47.4	280.8	280.8	-50.8	80.	0.0163	0.0150	0.0639	259.0	29.3
21492.	515.0	-47.5	281.8	281.8	-50.9	80.	0.0150	0.0137	0.0632	259.0	29.2
21542.	512.6	-47.6	282.8	282.8	-51.1	80.	0.0137	0.0124	0.0626	259.0	29.1
21592.	510.2	-47.7	283.8	283.8	-51.2	80.	0.0124	0.0111	0.0619	259.0	29.0
21642.	507.8	-47.8	284.8	284.8	-51.4	80.	0.0111	0.0098	0.0613	259.0	28.9
21692.	505.4	-47.9	285.8	285.8	-51.5	80.	0.0098	0.0085	0.0606	259.0	28.8
21742.	503.0	-48.0	286.8	286.8	-51.7	80.	0.0085	0.0072	0.0600	259.0	28.7
21792.	500.6	-48.1	287.8	287.8	-51.8	80.	0.0072	0.0059	0.0593	259.0	28.6
21842.	498.2	-48.2	288.8	288.8	-52.0	80.	0.0059	0.0046	0.0587	259.0	28.5
21892.	495.8	-48.3	289.8	289.8	-52.1	80.	0.0046	0.0033	0.0580	259.0	28.4
21942.	493.4	-48.4	290.8	290.8	-52.3	80.	0.0033	0.0020	0.0574	259.0	28.3
21992.	491.0	-48.5	291.8	291.8	-52.4	80.	0.0020	0.0007	0.0567	259.0	28.2
22042.	488.6	-48.6	292.8	292.8	-52.6	80.	0.0007	-0.0006	0.0561	259.0	28.1
22092.	486.2	-48.7	293.8	293.8	-52.7	80.	-0.0006	-0.0019	0.0554	259.0	28.0
22142.	483.8	-48.8	294.8	294.8	-52.9	80.	-0.0019	-0.0032	0.0548	259.0	27.9
22192.	481.4	-48.9	295.8	295.8	-53.0	80.	-0.0032	-0.0045	0.0541	259.0	27.8
22242.	479.0	-49.0	296.8	296.8	-53.2	80.	-0.0045	-0.0058	0.0535	259.0	27.7
22292.	476.6	-49.1	297.8	297.8	-53.3	80.	-0.0058	-0.0071	0.0528	259.0	27.6
22342.	474.2	-49.2	298.8	298.8	-53.5	80.	-0.0071	-0.0084	0.0522	259.0	27.5
22392.	471.8	-49.3	299.8	299.8	-53.6	80.	-0.0084	-0.0097	0.0515	259.0	27.4
22442.	469.4	-49.4	300.8	300.8	-53.8	80.	-0.0097	-0.0110	0.0509	259.0	27.3
22492.	467.0	-49.5	301.8	301.8	-53.9	80.	-0.0110	-0.0123	0.0502	259.0	27.2
22542.	464.6	-49.6	302.8	302.8	-54.1	80.	-0.0123	-0.0136	0.0496	259.0	27.1
22592.	462.2	-49.7	303.8	303.8	-54.2	80.	-0.0136	-0.0149	0.0489	259.0	27.0
22642.	459.8	-49.8	304.8	304.8	-54.4	80.	-0.0149	-0.0162	0.0483	259.0	26.9
22692.	457.4	-49.9	305.8	305.8	-54.5	80.	-0.0162	-0.0175	0.0476	259.0	26.8
22742.	455.0	-50.0	306.8	306.8	-54.7	80.	-0.0175	-0.0188	0.0470	259.0	26.7
22792.	452.6	-50.1	307.8	307.8	-54.8	80.	-0.0188	-0.0201	0.0463	259.0	26.6
22842.	450.2	-50.2	308.8	308.8	-55.0	80.	-0.0201	-0.0214	0.0457	259.0	26.5
22892.	447.8	-50.3	309.8	309.8	-55.1	80.	-0.0214	-0.0227	0.0450	259.0	26.4
22942.	445.4	-50.4	310.8	310.8	-55.3	80.	-0.0227	-0.0240	0.0444	259.0	26.3
22992.	443.0	-50.5	311.8	311.8	-55.4	80.	-0.0240	-0.0253	0.0437	259.0	26.2
23042.	440.6	-50.6	312.8	312.8	-55.6	80.	-0.0253	-0.0266	0.0431	259.0	26.1
23092.	438.2	-50.7	313.8	313.8	-55.7	80.	-0.0266	-0.0279	0.0424	259.0	26.0
23142.	435.8	-50.8	314.8	314.8	-55.9	80.	-0.0279	-0.0292	0.0418	259.0	25.9
23192.	433.4	-50.9	315.8	315.8	-56.0	80.	-0.0292	-0.0305	0.0411	259.0	25.8
23242.	431.0	-51.0	316.8	316.8	-56.2	80.	-0.0305	-0.0318	0.0405	259.0	25.7
23292.	428.6	-51.1	317.8	317.8	-56.3	80.	-0.0318	-0.0331	0.0398	259.0	25.6
23342.	426.2	-51.2	318.8	318.8	-56.5	80.	-0.0331	-0.0344	0.0392	259.0	25.5
23392.	423.8	-51.3	319.8	319.8	-56.6	80.	-0.0344	-0.0357	0.0385	259.0	25.4
23442.	421.4	-51.4	320.8	320.8	-56.8	80.	-0.0357	-0.0370	0.0379	259.0	25.3
23492.	419.0	-51.5	321.8	321.8	-56.9	80.	-0.0370	-0.0383	0.0372	259.0	25.2
23542.	416.6	-51.6	322.8	322.8	-57.1	80.	-0.0383	-0.0396	0.0366	259.0	25.1
23592.	414.2	-51.7	323.8	323.8	-57.2	80.	-0.0396	-0.0409	0.0359	259.0	25.0
23642.	411.8	-51.8	324.8	324.8	-57.4	80.	-0.0409	-0.0422	0.0353	259.0	24.9
23692.	409.4	-51.9	325.8	325.8	-57.5	80.	-0.0422	-0.0435	0.0346	259.0	24.8
23742.	407.0	-52.0	326.8	326.8	-57.7	80.	-0.0435	-0.0448	0.0340	259.0	24.7
23792.	404.6	-52.1	327.8	327.8	-57.8	80.	-0.0448	-0.0461	0.0333	259.0	24.6
23842.	402.2	-52.2	328.8	328.8	-58.0	80.	-0.0461	-0.0474	0.0327	259.0	24.5
23892.	399.8	-52.3	329.8	329.8	-58.1	80.	-0.0474	-0.0487	0.0320	259.0	24.4
23942.	397.4	-52.4	330.8	330.8	-58.3	80.	-0.0487	-0.0500	0.0314	259.0	24.3
23992.	395.0	-52.5	331.8	331.8	-58.4	80.	-0.0500	-0.0513	0.0307	259.0	24.2
24042.	392.6	-52.6	332.8	332.8	-58.6	80.	-0.0513	-0.0526	0.0301	259.0	24.1
24092.	390.2	-52.7	333.8	333.8	-58.7	80.	-0.0526	-0.0539	0.0294	259.0	24.0
24142.	387.8	-52.8	334.8	334.8	-58.9	80.	-0.0539	-0.0552	0.0288	259.0	23.9
24192.	385.4	-52.9	335.8	335.8	-59.0	80.	-0.0552	-0.0565	0.0281	259.0	23.8
24242.	383.0	-53.0	336.8	336.8	-59.2	80.	-0.0565	-0.0578	0.0275	259.0	23.7
24292.	380.6	-53.1	337.8	337.8	-59.3	80.	-0.0578	-0.0591	0.0268	259.0	23.6
24342.	378.2	-53.2	338.8	338.8	-59.5	80.	-0.0591	-0.0604	0.0262	259.0	23.5
24392.	375.8	-53.3	339.8	339.8	-59.6	80.	-0.0604	-0.0617	0.0255	259.0	23.4
24442.	373.4	-53.4	340.8	340.8	-59.8	80.	-0.0617	-0.0630	0.0249	259.0	23.3
24492.	371.0	-53.5	341.8	341.8	-59.9	80.	-0.0630	-0.0643	0.0242	259.0	23.2
24542.	368.6	-53.6	342.8	342.8	-60.1	80.	-0.0643	-0.0656	0.0236	259.0	23.1
24592.	366.2	-53.7	343.8	343.8	-60.2	80.	-0.0656	-0.0669	0.0229	259.0	23.0
24642.	363.8	-53.8	344.8	344.8	-60.4	80.	-0.0669	-0.0682	0.0223	259.0	22.9
24692.	361.4	-53.9	345.8	345.8	-60.5	80.	-0.0682	-0.0695	0.0216	259.0	22.8
24742.	359.0	-54.0	346.8	346.8	-60.7	80.	-0.0695	-0.0708	0.0210	259.0	22.7
24792.	356.6	-54.1	347.8	347.8	-60.8	80.	-0.0708	-0.0721	0.0203	259.0	22.6
24842.	354.2	-54.2	348.8	348.8	-61.0	80.	-0.0721	-0.0734	0.0197	259.0	22.5
24892.	351.8	-54.3	349.8	349.8	-61.1	80.	-0.0734	-0.0747	0.0190	259.0	22.4
24942.	349.4	-54.4	350.8	350.8	-61.3	80.	-0.0747	-0.0760	0.0184	259.0	22.3
24992.	347.0	-54.5	351.8	351.8	-61.4	80.	-0.0760	-0.0773	0.0177	259.0	22.2
25042.	344.6	-54.6	352.8	352.8	-61.6	80.	-0.0773	-0.0786	0.0171	259.0	22.1
25092.	342.2	-54.7	353.8	353.8	-61.7	80.	-0.0786	-0.0799	0.0164	259.0	22.0
25142.	339.8	-54.8	354.8	354.8	-61.9	80.	-0.0799	-0.0812	0.0158	259.0	21.9
25192.	337.4	-54.9	355.8	355.8	-62.0	80.	-0.0812	-0.0825	0.0151	259.0	21.8
25242.	335.0	-55.0	356.8	356.8	-62.2	80.	-0.0825	-0.0838	0.0145	259.0	21.7
25292.	332.6	-55.1	357.8	357.8	-62.3	80.	-0.0838	-0.0851	0.0138	259.0	21.6
25342.	330.2	-55.2	358.8	358.8	-62.5	80.	-0.0851	-0.0864	0.0132	259.0	21.5
25392.	327.8	-55.3	359.8	359.8	-62.6	80.	-0.0864	-0.0877	0.0125	259.0	21.4
25442.	325.4	-55.4	360.8	360.8	-62.8	80.	-0.0877	-0.0890	0.0119	259.0	21.3
25492.	323.0	-55.5	361.8	361.8	-62.9	80.	-0.0890	-0.0903	0.0112	259.0	21.2
25542.	320.6	-55.6	362.8	362.8	-63.1	80.	-0.0903	-0.0916	0.0106	259.0	21.1
25592.	318.2	-55.7	363.8	363.8	-63.2	80.	-0.0916	-0.0929	0.0099	259.0	21.0
25642.	315.8	-55.8	364.8	364.8	-63.4	80.	-0.0929	-0.0942	0.0093	259.0	20.9
25692.	313.4	-55.9	365.8	365.8	-63.5	80.	-0.0942	-0.0955	0.0086	259.0	20.8
25742.	311.0	-56.0	366.8	366.8	-63.7	80.	-0.0955	-0.0968	0.0080	259.0	20.7
25792.	308.6	-56.1	367.8	367.8	-63.8	80.	-0.0968	-0.0981	0.0073	259.0	20.6
25842.	306.2	-56.2	368.8	368.8	-64.0	80.	-0.0981	-0.0994	0.0067	259.0	20.5
25892.	303.8	-56.3	369.8	369.8	-64.1	80.	-0.0994	-0.1007	0.0060	259.0	20.4
25942.	301.4	-56.4	370.8	370.8	-64.3	80.	-0.1007	-0.1020	0.0054	259.0	20.3
25992.	299.0	-56.5	371.8	371.8	-64.4	80.	-0.1020	-0.1033	0.0047	259.0	20.2
26042.	296.6	-56.6	372.8	372.8	-64.6	80.	-0.1033	-0.1046	0.0041	259.0	20.1
26092.	294.2	-56.7	373.8	373.8	-64.7	80.	-0.1046	-0.1059	0.0034	259.0	20.0
26142.	291.8	-56.8	374.8	374.8	-64.9	80.	-0.1059	-0.1072	0.0028	259.0	19.9
26192.	289.4	-56.9	375.8	375.8	-65.0	80.	-0.1072	-0.1085	0.0021	259.0	19.8
26242.	287.0	-57.0	376.8	376.8	-65.2	80.	-0.1085	-0.1098	0.0015	259.0	19.7
26292.	284.6	-57.1	377.8	377.8	-65.3	80.	-0.1098	-0.1111	0.0008	259.0	19.6
26342.	282.2	-57.2	378.8	378.8	-65.5	80.	-0.1111	-0.1124	0.0002	259.0	19.5
26392.	279.8	-57.3	379.8	379.8	-65.6	80.	-0.1124	-0.1137	-0.0005	259.0	19.4
26442.	277.4	-57.4	380.8	380.8	-65.8	80.	-0.1137	-0.1150	-0.0011	259.0	19.3
26492.	275.0	-57.5	381.8	381.8	-65.9	80.	-0.1150	-0.1163	-0.0018	259.0	19.2
26542.	272.6	-57.6	382.8	382.8	-66.1	80.	-0.1163	-0.1176	-0.0024	259.0	19.1
26592.	270.2	-57.7	383.8	383.8	-66.2	80.	-0.1176	-0.1189	-0.0031	259.0	19.0
26642.	267.8	-57.8	384.8	384.8	-66.4	80.	-0.1189	-0.1202	-0.0037	259.0	18.9
26692.	265.4	-57.9	385.8	385.8	-66.5	80.	-0.1202	-0.1215	-0.0044	259.0	18.8
26742.	263.0	-58.0	386.8	386.8	-66.7	80.	-0.1215	-0.1228	-0.0050	259.0	18.7
26792.	260.6	-58.1	387.8	387.8	-66.8	80.	-0.1228	-0.1241	-0.0057	259.0	18.6
26842.	258.2	-58.2	388.8	388.8	-67.0	80.	-0.1241	-0.1254	-0.0063	259.0	18.5
26892.	255.8	-58.3	389.8	389.8	-67.1	80.	-0.1254	-0.1267	-0.0070	259.0	18.4
26942.	253.4	-58.4	390.8	390.8	-67.3	80.	-0.1267	-0.1280	-0.0076	259.0	18.3
26992.	251.0	-58.5	391.8	391.8	-67.4	80.	-0.1280	-0.1293	-0.0083	259.0	18.2
27042.	248.6	-58.6	392.8	392.8	-67.6	80.	-0.1293	-0.1306	-0.0089	259.0	18.1
27092.	246.2	-58.7	393.8	393.8	-67.7	80.	-0.1306	-0.1319	-0.0096	259.0	18.0
27142.	243.8	-58.8	394.8	394.8	-67.9	80.	-0.1319	-0.1332	-0.0102	259.0	17.9
27192.	241.4	-58.9	395.8	395.8	-68.0	80.	-0.1332	-0.1345	-0.0109	259.0	17.8
27242.	239.0	-59.0	396.8	396.8	-68.2	80.	-0.1345	-0.1358	-0.0115	259.0	17.7
27292.	236.6	-59.1	397.8	397.8	-68.3	80.	-0.1358	-0.1371	-0.0122	259.0	17.6
27342.	234.2	-59.2	398.8	398.8	-68.5	80.	-0.1371	-0.1384	-0.0128	259.0	17.5
27392.	231.8	-59.3	399.8	399.8	-68.6	80.	-0.1384	-0.1397	-0.0135	259.0	17.4
27442.	229.4	-59.4	400.8	400.8	-68.8	80.	-0.1397	-0.1410	-0.0141	259.0	17.3
27492.	227.0	-59.5	401.8	401.8	-68.9	80.	-0.1410	-0.1423	-0.0148	259.0	17.2
27542.	224.6	-59.6	402.8	402.8	-69.1	80.	-0.1423	-0.1436	-0.0154	259.0	17.1
27592.	222.2	-59.7	403.8	403.8	-69.2	80.	-0.1436	-0.1449	-0.0161	259.0	17.0
27642.	219.8	-59.8	404.8	404.8	-69.4	80.	-0.1449	-0.1462	-0.0167	259.0	16.9
27692.	217.4	-59.9	405.8	405.8	-69.5	80.	-0.1462	-0.1475	-0.0174	259.0	16.8
27742.	215.0	-60.0	406.8	406.8	-69.7	80.	-0.1475	-0.1488	-0.0180	259.0	16.7
27792.	212.6	-60.1	407.8	407.8	-69.8	80.	-0.1488	-0.1501	-0.0187	259.0	16.6
27842.	210.2	-60.2	408.8	408.8	-70.0	80.	-0.1501	-0.1514	-0.0193	259.0	16.5
27892.	207.8	-60.3	409.8	409.8	-70.1	80.	-0.1514	-0.1527	-0.0200	259.0	16.4
27942.	205.4	-60.4	410.8	410.8	-70.3	80.	-0.1527	-0.1540	-0.0206	259.0	16.3
27992.	203.0	-60.5	411.8	411.8	-70.4	80.	-0.1540	-0.1553	-0.0213	259.0	16.2
28042.	200.6	-60.6	412.8	412.8	-70.6	80.	-0.1553	-0.1566	-0.0219	259.0	16.1
28092.	198.2	-60.7	413.8	413.8	-70.7	80.	-0.1566	-0.1579	-0.0226	259.0	16.0
28142.	195.8	-60.8	414.8	414.8	-70.9	80.	-0.1579	-0.1592	-0.0232	259.0	15.9
28192.	193.4	-60.9	415.8	415.8	-71.0	80.	-0.1592	-0.1605	-0.0239	259.0	15.8
28242.	191.0	-61.0	416.8	416.8	-71.2	80.	-0.1605	-0.1618	-0.0245	259.0	15.7
28292.	188.6	-61.1	417.8	417.8	-71.3	80.	-0.1618	-0.1631	-0.0252	259.0	15.6
28342.	186.2	-61.2	418.8	418.8	-71.5	80.	-0.1631	-0.1644	-0.0258	259.0	15.5
28392.	183.8	-61.3	419.8	419.8	-71.6	80.	-0.1644	-0.1657	-0.0265	259.0	15.4
28442.	181.4	-61.4	420.8	420.8	-71.8	80.	-0.1657	-0.1670	-0.0271	259.0	15.3
28492.	179.0	-61.5	421.8	421.8	-71.9	80.	-0.1670	-0.1683	-0.0278	259.0	15.2
28542.	176.6	-61.6	422.8	422.8	-72.1	80.	-0.1683	-0.1696	-0.0284	259.0	15.1
28592.	174.2	-61.7	423.8	423.8	-72.2	80.	-0.1696	-0.1709	-0.0291	259.0	15.0

SOUNDING 4...
LATITUDE -5...1 LONGITUDE 1.1
DATE 11-13-81 TIME 2336 GMT
NUMBER OF LEVELS 45...

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	992.4	-4.2	-3.4	-3.0	-5.4	89.	3.9135	3.1642	1.2876	310.0	15.0
58.	985.1	-4.2	-3.5	-2.8	-5.6	89.	3.8445	3.1131	1.2791	310.0	14.9
116.	977.9	-4.3	-2.6	-2.6	-6.0	89.	3.7757	3.0133	1.2715	301.0	15.4
176.	970.5	-5.2	-2.9	-2.5	-6.6	89.	3.5300	2.8690	1.2646	293.0	15.9
232.	963.5	-5.7	-2.8	-2.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOA (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
2980.	671.8	-20.1	10.3	10.5	-21.3	89.	0.9131	0.7856	0.9256	234.0	14.1
3042.	666.2	-20.6	10.5	10.6	-21.8	89.	0.8702	0.7502	0.9197	232.0	14.1
3104.	660.6	-21.2	10.5	10.6	-22.4	89.	0.8212	0.7096	0.9141	230.0	14.2
3166.	654.9	-21.7	10.6	10.7	-22.9	89.	0.7623	0.6773	0.9080	229.0	14.3
3230.	649.4	-22.2	10.7	10.9	-23.4	89.	0.7451	0.6464	0.9021	228.0	14.2
3293.	643.8	-22.7	10.9	11.0	-23.9	89.	0.7095	0.6167	0.8961	227.0	14.2
3355.	638.4	-23.4	10.8	10.9	-24.6	89.	0.6623	0.5773	0.8910	227.0	14.1
3416.	633.1	-24.0	10.7	10.9	-25.2	89.	0.6241	0.5456	0.8857	226.0	13.9
3474.	628.0	-24.6	10.7	10.8	-25.8	89.	0.5880	0.5154	0.8807	227.0	13.7
3531.	623.1	-25.0	10.9	11.0	-26.2	89.	0.5650	0.4957	0.8752	227.0	13.4
3586.	618.4	-25.5	10.9	11.0	-26.7	89.	0.5374	0.4724	0.8704	227.0	13.2
3644.	613.5	-25.8	11.2	11.3	-27.0	89.	0.5215	0.4590	0.8645	228.0	12.9
3702.	608.6	-26.0	11.7	11.8	-27.2	89.	0.5111	0.4502	0.8583	229.0	12.7
3761.	603.6	-26.3	12.0	12.1	-27.4	89.	0.4959	0.4373	0.8523	229.0	12.4
3817.	599.0	-26.6	12.3	12.4	-27.7	89.	0.4810	0.4247	0.8468	230.0	12.2
3872.	594.4	-26.8	12.7	12.7	-27.9	89.	0.4714	0.4166	0.8409	231.0	12.0
3924.	590.1	-27.0	13.0	13.1	-28.1	89.	0.4619	0.4085	0.8355	232.0	11.8
3981.	585.5	-27.1	13.5	13.6	-28.2	89.	0.4572	0.4045	0.8294	233.0	11.7
4040.	580.7	-27.3	14.0	14.1	-28.4	89.	0.4480	0.3967	0.8232	234.0	11.6
4098.	576.0	-27.5	14.4	14.5	-28.6	89.	0.4390	0.3890	0.8172	234.0	11.5
4156.	571.4	-27.6	15.0	15.0	-28.7	89.	0.4345	0.3852	0.8110	234.0	11.4
4214.	566.8	-27.7	15.4	15.5	-28.9	89.	0.4257	0.3777	0.8051	234.0	11.3
4274.	562.1	-28.0	15.8	15.9	-29.1	89.	0.4171	0.3704	0.7991	234.0	11.3
4330.	557.7	-28.2	16.3	16.3	-29.3	89.	0.4087	0.3632	0.7935	234.0	11.3
4388.	553.2	-28.5	16.6	16.7	-29.6	89.	0.3963	0.3526	0.7881	234.0	11.3
4446.	548.6	-28.8	16.8	16.9	-30.0	89.	0.3823	0.3389	0.7828	234.0	11.4
4509.	543.9	-29.3	17.0	17.1	-30.4	89.	0.3649	0.3257	0.7773	233.0	11.4
4573.	539.3	-29.7	17.3	17.3	-30.8	89.	0.3501	0.3130	0.7720	233.0	11.4
4630.	534.7	-30.1	17.5	17.6	-31.2	89.	0.3358	0.3007	0.7667	232.0	11.4
4684.	530.7	-30.4	17.6	17.8	-31.5	89.	0.3255	0.2918	0.7619	232.0	11.5
4741.	526.4	-30.8	17.9	18.0	-31.9	89.	0.3121	0.2803	0.7569	232.0	11.4
4801.	522.0	-31.1	18.3	18.4	-32.2	89.	0.3025	0.2720	0.7515	231.0	11.5
4862.	517.5	-31.5	18.5	18.6	-32.6	89.	0.2900	0.2612	0.7463	231.0	11.4
4922.	513.1	-31.8	18.9	18.9	-32.9	89.	0.2810	0.2534	0.7409	231.0	11.4
4979.	509.0	-32.1	19.2	19.2	-33.2	89.	0.2722	0.2458	0.7358	232.0	11.4
5035.	505.0	-32.4	19.5	19.5	-33.5	89.	0.2637	0.2384	0.7310	232.0	11.4
5092.	500.9	-32.7	19.8	19.8	-33.8	89.	0.2554	0.2312	0.7259	232.0	11.3
5154.	496.5	-33.1	20.0	20.1	-34.2	89.	0.2447	0.2219	0.7207	233.0	11.3
5215.	492.2	-33.5	20.3	20.3	-34.6	89.	0.2345	0.2133	0.7157	234.0	11.2
5273.	488.1	-33.8	20.6	20.7	-34.9	89.	0.2271	0.2065	0.7106	235.0	11.1
5334.	483.5	-34.1	21.0	21.0	-35.2	89.	0.2198	0.2002	0.7054	236.0	11.1
5393.	479.8	-34.4	21.3	21.4	-35.5	89.	0.2128	0.1940	0.7003	237.0	11.1
5453.	475.7	-34.8	21.5	21.6	-35.9	89.	0.2036	0.1861	0.6954	238.0	11.0
5512.	471.7	-35.1	21.9	21.9	-36.2	89.	0.1973	0.1804	0.6905	240.0	10.9
5572.	467.8	-35.3	22.2	22.4	-36.4	89.	0.1931	0.1767	0.6853	241.0	10.9
5625.	464.1	-35.5	22.5	22.8	-36.6	89.	0.1899	0.1738	0.6805	242.0	10.8
5685.	460.1	-35.8	23.4	23.4	-36.7	89.	0.1869	0.1712	0.6749	243.0	10.9
5746.	456.1	-35.8	23.8	23.9	-36.9	89.	0.1828	0.1677	0.6696	244.0	10.8
5802.	452.4	-36.1	24.2	24.2	-37.2	89.	0.1764	0.1624	0.6650	245.0	10.8
5861.	448.6	-36.2	24.4	24.4	-37.6	89.	0.1693	0.1557	0.6605	246.0	10.8
5918.	444.9	-36.9	24.6	24.6	-38.0	89.	0.1620	0.1493	0.6562	247.0	10.8
5976.	441.2	-37.2	24.8	25.0	-38.3	89.	0.1568	0.1446	0.6515	247.0	10.8
6032.	437.6	-37.6	25.1	25.2	-38.6	89.	0.1510	0.1396	0.6473	248.0	10.9
6086.	434.2	-37.9	25.4	25.4	-38.9	89.	0.1451	0.1342	0.6431	248.0	10.9
6138.	430.9	-38.2	25.7	25.7	-39.2	89.	0.1403	0.1300	0.6390	249.0	10.8
6191.	427.6	-38.5	25.8	26.0	-39.5	89.	0.1357	0.1258	0.6349	250.0	10.9
6241.	424.5	-38.8	26.0	26.3	-39.6	89.	0.1342	0.1245	0.6306	250.0	10.8
6293.	421.3	-38.8	27.1	27.1	-39.7	89.	0.1327	0.1232	0.6261	251.0	10.8
6345.	418.2	-38.8	27.5	27.5	-39.8	89.	0.1312	0.1218	0.6218	252.0	10.7
6397.	414.2	-39.1	27.6	27.6	-40.1	89.	0.1286	0.1195	0.6175	252.0	10.8
6455.	411.4	-39.5	28.0	28.1	-40.5	89.	0.1217	0.1130	0.6135	252.0	10.8
6510.	408.1	-39.8	28.3	28.3	-40.8	89.	0.1172	0.1089	0.6093	253.0	10.7
6565.	404.8	-40.1	28.6	28.6	-41.1	89.	0.1133	0.1058	0.6052	253.0	10.6
6622.	401.5	-40.3	29.0	29.1	-41.3	89.	0.1106	0.1035	0.6008	254.0	10.6
6681.	398.0	-40.5	29.3	29.6	-41.5	89.	0.1083	0.1013	0.5960	254.0	10.5
6734.	394.9	-40.7	29.8	30.0	-41.7	89.	0.1058	0.0991	0.5919	255.0	10.3
6790.	391.7	-40.9	30.4	30.4	-41.9	89.	0.1030	0.0971	0.5876	256.0	10.3
6845.	388.5	-41.0	31.0	31.0	-42.0	89.	0.1023	0.0959	0.5831	257.0	10.1
6900.	385.2	-41.2	31.5	31.6	-42.2	89.	0.1000	0.0938	0.5786	259.0	10.1
6961.	381.9	-41.4	31.9	32.0	-42.4	89.	0.0977	0.0918	0.5742	260.0	9.9
7020.	378.8	-41.6	32.4	32.6	-42.6	89.	0.0955	0.0898	0.5697	261.0	9.8
7078.	375.5	-41.9	32.8	32.8	-42.9	89.	0.0932	0.0878	0.5657	262.0	9.7
7134.	372.3	-42.1	33.2	33.3	-43.1	89.	0.0902	0.0849	0.5614	263.0	9.5
7192.	369.1	-42.4	33.6	33.6	-43.4	89.	0.0871	0.0821	0.5573	265.0	9.5
7249.	366.0	-42.6	33.8	34.0	-43.6	89.	0.0830	0.0786	0.5536	266.0	9.5
7302.	362.1	-43.1	34.1	34.1	-44.1	89.	0.0803	0.0760	0.5499	267.0	9.5
7358.	359.2	-43.4	34.4	34.4	-44.4	89.	0.0775	0.0735	0.5462	269.0	9.5
7409.	356.4	-43.4	35.1	35.1	-44.4	89.	0.0775	0.0735	0.5420	269.0	9.5
7463.	354.5	-44.0	35.7	35.7	-44.5	89.	0.0766	0.0726	0.5378	270.0	9.5
7522.	351.4	-43.9	36.4	36.4	-44.5	89.	0.0766	0.0726	0.5331	270.0	9.6
7586.	348.2	-43.4	37.1	37.2	-44.4	89.	0.0775	0.0735	0.5286	271.0	9.6
7643.	346.9	-43.4	37.7	37.7	-44.4	89.	0.0775	0.0734	0.5261	272.0	9.7
7694.	344.3	-43.5	38.3	38.3	-44.5	89.	0.0766	0.0726	0.5223	273.0	9.7
7712.	343.6	-43.6	38.5	38.5	-44.8	89.	0.0760	0.0722	0.5189	274.0	9.8
7767.	339.8	-44.0	39.0	39.0	-45.2	89.	0.0723	0.0687	0.5151	274.0	9.9
7861.	336.1	-44.2	39.5	39.5	-45.2	89.	0.0708	0.0671	0.5115	274.0	10.0
7919.	333.4	-44.4	40.0	40.0	-45.4	89.	0.0696	0.0656	0.5078	274.0	10.1
7975.	330.9	-44.5	40.5	40.5	-45.5	89.	0.0682	0.0644	0.5042	274.0	10.2
8034.	328.3	-44.7	41.1	41.1	-45.5	89.	0.0682	0.0643	0.5002	274.0	10.2
8092.	325.8	-44.7	41.6	41.6	-45.7	89.	0.0676	0.0634	0.4966	274.0	10.3
8150.	323.4	-44.9	42.1	42.1	-45.9	89.	0.0670	0.0630	0.4929	274.0	10.3
8207.	321.2	-45.1	42.6	42.6	-46.1	89.	0.0676	0.0636	0.4892	274.0	10.4
8259.	319.2	-45.2	43.1	43.1	-46.2	89.	0.0670	0.0630	0.4854	274.0	10.4
8294.	317.8	-45.4	43.5	43.5	-46.4	89.	0.0676	0.0636	0.4819	275.0	10.5
8357.	314.5	-45.6	44.0	44.0	-46.5	89.	0.0670	0.0629	0.4783	276.0	10.6
8380.	313.2	-45.8	44.2	44.2	-46.6	89.	0.0664	0.0625	0.4743	276.0	10.7
8428.	310.8	-46.0	44.6	44.6	-46.8	89.	0.0664	0.0624	0.4713	277.0	10.8
8484.	308.3	-46.2	45.0	45.0	-46.9	89.	0.0658	0.0619	0.4682	276.0	11.0
8538.	306.0	-46.3	45.4	45.4	-46.9	89.	0.0653	0.0614	0.4650	276.0	11.1
8594.	303.7	-46.5	45.7	45.7	-47.1	89.	0.0647	0.0609	0.4615	276.0	11.3
8647.	301.5	-46.7	46.1	46.1	-47.2	89.	0.0647	0.0608	0.4579	276.0	11.4
8701.	299.4	-46.8	46.4	46.4	-47.3	89.	0.0641	0.0603	0.4544	277.0	11.6
8755.	297.3	-46.9	46.8	46.8	-47.4	89.	0.0635	0.0597	0.4507	277.0	11.7
8811.	295.2	-47.0	47.1	47.1	-47.5	89.	0.0630	0.0593	0.4470	277.0	11.8
8865.	293.2	-47.1	47.5	47.5	-47.6	89.	0.0624	0.0587	0.4434	278.0	11.9
8918.	291.3	-47.2	47.8	47.8	-47.7	89.	0.0618	0.0582	0.4397	278.0	12.0
8973.	289.4	-47.3	48.2	48.2	-47.8	89.	0.0613	0.0577	0.4361	278.0	12.1
9028.	287.5	-47.4	48.5	48.5	-47.9	89.	0.0607	0.0571	0.4324	278.0	12.3
9083.	285.6	-47.5	48.9	48.9	-48.0	89.	0.0601	0.0566	0.4288	278.0	12.4
9138.	283.8	-47.6	49.2	49.2	-48.1	89.	0.0596	0.0561	0.4252	278.0	12.5
9193.	282.0	-47.7	49.6	49.6	-48.2	89.	0.0590	0.0556	0.4215	278.0	12.7
9248.	280.2	-47.8	49.9	49.9	-48.3	89.	0.0584	0.0550	0.4179	278.0	12.8
9303.	278.4	-47.9	50.3	50.3	-48.4	89.	0.0579	0.0545	0.4143	278.0	13.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9076.	278.3	-46.9	52.4	52.4	-47.9	89.	0.0512	0.0495	0.4286	283.0	15.9
9133.	275.9	-47.1	53.4	53.4	-48.1	89.	0.0500	0.0481	0.4252	283.0	14.1
9186.	273.7	-47.0	54.3	54.3	-48.0	89.	0.0506	0.0487	0.4217	282.0	14.2
9240.	271.5	-47.1	54.9	54.9	-48.1	89.	0.0500	0.0481	0.4184	282.0	14.3
9293.	269.3	-47.2	55.5	55.5	-48.2	89.	0.0494	0.0476	0.4152	280.0	14.2
9340.	267.4	-47.2	56.2	56.2	-48.2	89.	0.0494	0.0476	0.4123	279.0	14.3
9392.	265.3	-47.2	56.9	56.9	-48.2	89.	0.0494	0.0476	0.4091	278.0	14.3
9442.	263.3	-47.2	57.6	57.7	-48.2	89.	0.0494	0.0476	0.4060	277.0	14.3
9493.	261.3	-47.3	58.2	58.2	-48.3	89.	0.0488	0.0470	0.4031	276.0	14.2
9543.	259.3	-47.5	58.6	58.7	-48.5	89.	0.0477	0.0460	0.4004	275.0	14.2
9592.	257.4	-47.7	59.0	59.1	-48.7	89.	0.0465	0.0449	0.3978	274.0	14.2
9635.	255.7	-47.9	59.4	59.4	-48.9	89.	0.0454	0.0439	0.3955	273.0	14.1
9682.	253.9	-47.8	60.2	60.2	-48.8	89.	0.0460	0.0444	0.3925	272.0	14.1
9729.	252.1	-47.9	60.7	60.8	-48.9	89.	0.0454	0.0439	0.3899	271.0	14.1
9776.	250.3	-47.9	61.4	61.4	-48.9	89.	0.0454	0.0439	0.3871	270.0	14.0
9824.	248.5	-47.8	62.3	62.3	-48.8	89.	0.0460	0.0444	0.3842	270.0	14.0
9871.	246.7	-47.8	63.2	63.3	-48.8	89.	0.0471	0.0454	0.3811	270.0	14.0
9920.	244.9	-47.4	64.2	64.3	-48.4	89.	0.0482	0.0465	0.3780	270.0	14.0
9963.	243.3	-47.2	65.2	65.2	-48.2	89.	0.0494	0.0476	0.3752	270.0	14.0
10007.	241.7	-47.3	65.7	65.7	-48.3	89.	0.0488	0.0470	0.3729	269.0	14.0
10056.	239.9	-47.3	66.4	66.4	-48.3	89.	0.0488	0.0470	0.3701	269.0	14.0
10108.	238.0	-47.2	67.3	67.3	-48.2	89.	0.0494	0.0476	0.3670	269.0	14.0
10156.	236.3	-47.1	68.2	68.2	-48.1	89.	0.0500	0.0481	0.3642	269.0	14.1
10204.	234.6	-47.1	68.9	68.9	-48.1	89.	0.0500	0.0481	0.3616	269.0	14.1
10254.	232.8	-47.2	69.5	69.5	-48.2	89.	0.0494	0.0476	0.3590	270.0	14.2
10303.	231.1	-47.3	70.0	70.1	-48.3	89.	0.0488	0.0470	0.3565	270.0	14.3
10352.	229.4	-47.4	70.6	70.6	-48.4	89.	0.0482	0.0465	0.3540	270.0	14.4
10398.	227.8	-47.4	71.3	71.3	-48.4	89.	0.0482	0.0465	0.3516	270.0	14.4
10444.	226.2	-47.3	72.1	72.2	-48.3	89.	0.0488	0.0470	0.3489	270.0	14.5
10485.	224.8	-47.2	72.9	72.9	-48.2	89.	0.0494	0.0476	0.3466	271.0	14.5
10530.	223.3	-47.2	73.6	73.6	-48.2	89.	0.0494	0.0476	0.3443	271.0	14.6
10574.	221.8	-47.3	74.1	74.1	-48.3	89.	0.0488	0.0470	0.3422	271.0	14.7
10625.	220.1	-47.3	74.9	74.9	-48.3	89.	0.0488	0.0470	0.3395	271.0	14.7
10673.	218.5	-47.2	75.7	75.8	-48.2	89.	0.0494	0.0476	0.3369	272.0	14.8
10722.	216.9	-47.1	76.6	76.6	-48.1	89.	0.0500	0.0481	0.3343	272.0	14.9
10769.	215.5	-47.1	77.3	77.3	-48.1	89.	0.0500	0.0481	0.3321	272.0	14.9
10819.	213.9	-47.1	78.1	78.1	-48.1	89.	0.0500	0.0481	0.3297	272.0	15.0
10865.	212.3	-47.2	78.8	78.8	-48.2	89.	0.0494	0.0476	0.3274	272.0	15.0
10927.	210.3	-47.2	79.3	79.3	-48.2	89.	0.0494	0.0476	0.3252	272.0	15.0
10951.	209.5	-47.2	79.5	80.0	-48.2	89.	0.0494	0.0476	0.3230	271.0	15.0
10995.	208.1	-47.1	80.0	80.0	-48.1	89.	0.0500	0.0481	0.3207	271.0	15.0
11040.	206.5	-46.9	81.0	81.0	-47.9	89.	0.0512	0.0493	0.3180	271.0	15.0
11091.	205.1	-46.8	82.7	82.7	-47.8	89.	0.0518	0.0499	0.3157	271.0	14.9
11140.	203.6	-46.7	83.6	83.7	-47.7	89.	0.0524	0.0504	0.3133	271.0	14.9
11186.	202.2	-46.6	84.5	84.5	-47.6	89.	0.0531	0.0510	0.3110	270.0	14.9
11235.	200.6	-46.6	85.5	85.5	-47.6	89.	0.0537	0.0516	0.3084	270.0	14.9
11285.	199.2	-46.3	86.2	86.2	-47.3	89.	0.0555	0.0528	0.3060	270.0	14.7
11331.	197.8	-46.1	87.0	87.0	-47.1	89.	0.0564	0.0541	0.3035	270.0	14.7
11379.	196.5	-46.0	88.4	88.4	-47.0	89.	0.0570	0.0547	0.3014	270.0	14.7
11425.	195.1	-45.9	89.3	89.3	-46.9	89.	0.0577	0.0553	0.2991	270.0	14.7
11471.	193.7	-45.7	90.3	90.4	-46.7	89.	0.0591	0.0566	0.2967	270.0	14.7
11515.	192.4	-45.4	91.5	91.5	-46.4	89.	0.0613	0.0585	0.2943	270.0	14.8
11564.	191.0	-45.4	92.3	92.3	-46.4	89.	0.0613	0.0585	0.2922	270.0	14.9
11616.	189.5	-45.5	93.2	93.2	-46.5	89.	0.0607	0.0579	0.2900	270.0	15.0
11662.	188.2	-45.6	93.9	93.9	-46.6	89.	0.0598	0.0572	0.2882	271.0	15.1
11715.	186.7	-45.7	94.8	94.8	-46.7	89.	0.0591	0.0566	0.2860	271.0	15.3
11766.	185.3	-45.7	95.7	95.8	-46.7	89.	0.0591	0.0566	0.2839	272.0	15.4
11816.	183.9	-45.9	96.6	96.6	-46.9	89.	0.0577	0.0553	0.2820	272.0	15.7
11867.	182.5	-46.0	97.5	97.5	-47.0	89.	0.0571	0.0534	0.2802	272.0	15.9
11916.	181.3	-46.2	98.1	98.2	-47.2	89.	0.0557	0.0516	0.2787	272.0	16.1
11958.	180.0	-46.4	98.9	98.9	-47.4	89.	0.0545	0.0504	0.2772	272.0	16.4
12006.	178.7	-46.6	99.8	99.8	-47.6	89.	0.0532	0.0493	0.2752	272.0	16.7
12054.	177.4	-46.6	100.6	100.7	-47.6	89.	0.0532	0.0493	0.2732	272.0	17.0
12107.	176.0	-46.6	101.6	101.7	-47.6	89.	0.0518	0.0449	0.2709	272.0	17.3
12156.	174.7	-46.7	102.5	102.6	-47.7	89.	0.0505	0.0504	0.2688	271.0	17.6
12201.	173.5	-46.8	103.1	103.2	-47.8	89.	0.0518	0.0498	0.2671	271.0	17.8
12247.	172.3	-46.8	103.9	104.0	-47.8	89.	0.0531	0.0510	0.2650	271.0	18.1
12298.	171.0	-46.8	104.8	104.9	-47.8	89.	0.0531	0.0510	0.2630	271.0	18.4
12344.	169.8	-46.8	105.6	105.7	-47.8	89.	0.0531	0.0510	0.2611	270.0	18.6
12391.	168.6	-46.8	106.4	106.5	-47.8	89.	0.0531	0.0510	0.2593	270.0	18.8
12438.	167.4	-46.8	107.2	107.3	-47.8	89.	0.0537	0.0516	0.2573	270.0	18.9
12486.	166.2	-46.9	108.0	108.1	-47.9	89.	0.0544	0.0522	0.2554	270.0	19.1
12534.	165.0	-46.9	108.8	108.9	-47.9	89.	0.0550	0.0528	0.2534	270.0	19.3
12579.	163.9	-46.9	109.7	109.7	-47.9	89.	0.0557	0.0534	0.2516	270.0	19.3
12623.	162.9	-46.9	110.4	110.4	-47.9	89.	0.0557	0.0534	0.2497	270.0	19.4
12672.	161.6	-46.9	111.1	111.2	-47.9	89.	0.0557	0.0534	0.2479	270.0	19.5
12720.	160.3	-46.9	111.9	112.0	-47.9	89.	0.0557	0.0534	0.2460	269.0	19.6
12770.	159.1	-46.9	112.8	112.8	-47.9	89.	0.0544	0.0522	0.2445	269.0	19.6
12820.	157.9	-46.8	113.7	113.7	-47.8	89.	0.0531	0.0510	0.2428	269.0	19.6
12871.	156.6	-46.8	114.6	114.6	-47.8	89.	0.0531	0.0510	0.2410	269.0	19.6
12916.	155.3	-46.8	115.5	115.5	-47.8	89.	0.0531	0.0510	0.2389	267.0	19.5
12967.	154.1	-46.9	116.2	116.3	-47.9	89.	0.0544	0.0522	0.2368	266.0	19.5
13039.	152.6	-46.9	117.1	117.1	-47.9	89.	0.0544	0.0522	0.2346	265.0	19.5
13092.	151.7	-46.9	118.0	118.0	-47.9	89.	0.0544	0.0522	0.2328	264.0	19.5
13144.	150.5	-46.9	118.7	118.7	-47.9	89.	0.0557	0.0534	0.2311	264.0	19.4
13195.	149.4	-46.9	119.5	119.5	-47.9	89.	0.0557	0.0534	0.2295	263.0	19.4
13242.	148.3	-46.9	120.1	120.1	-47.9	89.	0.0557	0.0534	0.2278	262.0	19.4
13291.	147.2	-46.9	120.9	121.0	-47.9	89.	0.0557	0.0534	0.2261	261.0	19.4
13341.	146.1	-46.9	121.8	121.8	-47.9	89.	0.0557	0.0534	0.2243	261.0	19.4
13387.	145.1	-46.9	122.6	122.6	-47.9	89.	0.0557	0.0534	0.2227	260.0	19.4
13437.	144.0	-46.9	123.4	123.4	-47.9	89.	0.0557	0.0534	0.2209	259.0	19.4
13484.	143.0	-46.9	124.2	124.2	-47.9	89.	0.0557	0.0534	0.2193	259.0	19.4
13530.	142.0	-46.9	124.9	124.9	-47.9	89.	0.0557	0.0534	0.2177	258.0	19.4
13577.	141.0	-46.9	125.7	125.7	-46.9	89.	0.0577	0.0553	0.2162	258.0	19.4
13629.	139.8	-46.9	126.6	126.6	-46.9	89.	0.0577	0.0553	0.2145	258.0	19.4
13682.	138.6	-46.9	127.4	127.4	-46.9	89.	0.0577	0.0553	0.2127	257.0	19.4
13730.	137.5	-46.9	128.1	128.2	-46.9	89.	0.0577	0.0553	0.2113	256.0	19.4
13778.	136.4	-46.9	128.9	128.9	-46.9	89.	0.0577	0.0553	0.2098	255.0	19.3
13827.	135.3	-46.9	129.6	129.6	-46.9	89.	0.0577	0.0553	0.2082	254.0	19.3
13876.	134.2	-46.9	130.4	130.4	-46.9	89.	0.0584	0.0559	0.2066	254.0	19.3
13925.	133.2	-46.9	131.2	131.2	-46.9	89.	0.0584	0.0559	0.2051	253.0	19.3
13975.	132.1	-46.7	131.7	131.8	-46.7	89.	0.0591	0.0566	0.2035	253.0	19.3
14023.	131.1	-46.6	132.5	132.7	-46.6	89.	0.0598	0.0572	0.2022	253.0	19.3
14071.	130.1	-46.6	133.3	133.4	-46.6	89.	0.0598	0.0572	0.2005	253.0	19.3
14127.	128.8	-46.5	134.2	134.3	-46.5	89.	0.0605	0.0579	0.1987	252.0	19.2
14179.	127.8	-46.5	135.0	135.0	-46.6	89.	0.0598	0.0572	0.1972	252.0	19.1
14231.	127.0	-46.6	135.8	135.8	-46.6	89.	0.0591	0.0566	0.1957	252.0	19.1
14278.	126.0	-46.6	136.4	136.4	-46.6	89.	0.0591	0.0566	0.1943	252.0	19.1
14350.	125.0	-46.5	137.2	137.2	-46.5	89.	0.0598	0.0572	0.1927	252.0	19.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	F (PF)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14362.	124.9	-45.4	145.4	145.5	-46.4	89.	0.0612	0.0585	0.1911	251.0	21.8
14437.	123.9	-45.4	146.4	146.4	-46.4	89.	0.0612	0.0585	0.1896	251.0	21.9
14491.	123.0	-45.4	141.4	141.4	-46.4	89.	0.0612	0.0585	0.1880	251.0	22.1
14546.	122.0	-45.3	142.4	142.4	-46.3	89.	0.0620	0.0592	0.1866	251.0	22.2
14600.	121.1	-44.7	144.4	144.4	-45.7	89.	0.0665	0.0634	0.1847	251.0	22.2
14655.	120.2	-44.5	146.1	146.1	-45.3	89.	0.0697	0.0663	0.1830	251.0	22.1
14709.	119.2	-44.2	147.4	147.4	-45.1	89.	0.0714	0.0678	0.1814	251.0	22.1
14764.	118.2	-44.1	148.4	148.5	-45.0	89.	0.0722	0.0686	0.1799	251.0	22.0
14820.	117.3	-43.9	149.4	149.5	-44.8	89.	0.0736	0.0700	0.1782	251.0	21.7
14875.	116.3	-43.7	151.1	151.2	-44.7	89.	0.0748	0.0709	0.1766	251.0	21.6
14930.	115.3	-43.6	152.1	152.2	-44.6	89.	0.0757	0.0717	0.1754	251.0	21.4
14985.	114.3	-43.7	152.7	152.8	-44.7	89.	0.0748	0.0709	0.1742	251.0	21.1
15040.	113.3	-43.8	153.5	153.6	-44.8	89.	0.0739	0.0702	0.1729	252.0	20.9
15095.	112.3	-43.9	154.4	154.4	-44.8	89.	0.0741	0.0694	0.1716	252.0	20.5
15150.	111.4	-44.1	155.1	155.2	-45.0	89.	0.0722	0.0686	0.1703	252.0	20.4
15207.	110.4	-44.1	156.1	156.2	-45.1	89.	0.0714	0.0679	0.1690	252.0	20.2
15261.	109.4	-44.1	156.9	157.0	-45.1	89.	0.0714	0.0678	0.1677	252.0	20.1
15317.	108.4	-44.1	157.7	157.8	-45.1	89.	0.0714	0.0678	0.1665	252.0	20.0
15372.	107.5	-44.1	158.5	158.6	-45.1	89.	0.0714	0.0678	0.1651	252.0	19.9
15427.	106.5	-44.0	159.3	159.4	-45.0	89.	0.0722	0.0686	0.1638	252.0	19.9
15481.	105.6	-43.9	161.1	161.2	-44.9	89.	0.0731	0.0694	0.1624	252.0	19.7
15536.	104.6	-43.8	162.2	162.4	-44.8	89.	0.0739	0.0701	0.1611	251.0	19.9
15592.	103.6	-43.7	163.4	163.5	-44.7	89.	0.0748	0.0709	0.1598	251.0	19.9
15648.	102.7	-43.5	164.7	164.8	-44.5	89.	0.0766	0.0726	0.1584	250.0	20.0
15704.	101.7	-43.4	166.0	166.1	-44.4	89.	0.0775	0.0734	0.1570	249.0	20.2
15759.	100.7	-43.3	167.2	167.3	-44.3	89.	0.0784	0.0742	0.1557	248.0	20.5
15815.	99.8	-43.2	168.5	168.6	-44.2	89.	0.0793	0.0750	0.1543	248.0	20.6
15870.	98.8	-43.1	169.7	169.8	-44.1	89.	0.0802	0.0759	0.1530	247.0	20.8
15926.	97.8	-43.1	170.7	170.8	-44.1	89.	0.0802	0.0759	0.1518	246.0	21.1
15981.	96.8	-43.0	171.5	171.6	-44.0	89.	0.0793	0.0750	0.1507	245.0	21.3
16036.	95.8	-43.0	172.5	172.6	-44.0	89.	0.0793	0.0750	0.1494	245.0	21.6
16091.	94.9	-43.0	173.4	173.5	-44.0	89.	0.0793	0.0750	0.1484	244.0	21.7
16144.	93.9	-43.0	174.2	174.3	-44.0	89.	0.0793	0.0750	0.1473	243.0	22.0
16199.	92.9	-43.0	175.1	175.2	-44.0	89.	0.0793	0.0750	0.1463	243.0	22.2
16253.	92.0	-43.0	175.9	176.0	-44.0	89.	0.0793	0.0750	0.1451	242.0	22.4
16308.	91.0	-43.0	176.7	176.8	-44.0	89.	0.0784	0.0742	0.1441	242.0	22.6
16363.	90.0	-43.0	177.5	177.6	-44.0	89.	0.0775	0.0734	0.1429	241.0	22.6
16417.	89.1	-43.0	178.3	178.4	-44.0	89.	0.0766	0.0726	0.1415	241.0	22.7
16472.	88.1	-43.0	179.0	179.1	-44.0	89.	0.0757	0.0717	0.1402	240.0	22.7
16526.	87.2	-43.0	179.8	179.9	-44.0	89.	0.0748	0.0709	0.1390	240.0	22.7
16581.	86.2	-43.0	180.5	180.6	-44.0	89.	0.0731	0.0694	0.1378	241.0	22.7
16635.	85.3	-43.0	181.2	181.3	-44.0	89.	0.0731	0.0694	0.1367	241.0	22.6
16690.	84.3	-43.0	181.9	182.0	-44.0	89.	0.0731	0.0694	0.1356	241.0	22.6
16744.	83.4	-43.0	182.6	182.7	-44.0	89.	0.0731	0.0694	0.1345	241.0	22.6
16799.	82.4	-43.0	183.3	183.4	-44.0	89.	0.0731	0.0694	0.1334	241.0	22.6
16853.	81.5	-43.0	184.0	184.1	-44.0	89.	0.0731	0.0694	0.1324	241.0	22.5
16908.	80.5	-43.0	184.7	184.8	-44.0	89.	0.0731	0.0694	0.1314	242.0	22.5
16962.	79.6	-43.0	185.4	185.5	-44.0	89.	0.0731	0.0694	0.1304	242.0	22.4
17017.	78.6	-43.0	186.1	186.2	-44.0	89.	0.0731	0.0694	0.1294	243.0	22.4
17071.	77.7	-43.0	186.8	186.9	-44.0	89.	0.0731	0.0694	0.1285	243.0	22.3
17126.	76.7	-43.0	187.5	187.6	-44.0	89.	0.0731	0.0694	0.1275	244.0	22.3
17181.	75.8	-43.0	188.2	188.3	-44.0	89.	0.0731	0.0694	0.1266	245.0	22.2
17235.	74.8	-43.0	188.9	189.0	-44.0	89.	0.0731	0.0694	0.1256	246.0	22.1
17290.	73.9	-43.0	189.6	189.7	-44.0	89.	0.0731	0.0694	0.1248	247.0	22.0
17344.	72.9	-43.0	190.3	190.4	-44.0	89.	0.0731	0.0694	0.1239	247.0	22.0
17399.	72.0	-43.0	191.0	191.1	-44.0	89.	0.0731	0.0694	0.1231	248.0	22.0
17453.	71.0	-43.0	191.7	191.8	-44.0	89.	0.0731	0.0694	0.1221	249.0	22.0
17508.	70.1	-43.0	192.4	192.5	-44.0	89.	0.0731	0.0694	0.1212	249.0	22.0
17562.	69.1	-43.0	193.1	193.2	-44.0	89.	0.0731	0.0694	0.1203	249.0	22.0
17617.	68.2	-43.0	193.8	193.9	-44.0	89.	0.0731	0.0694	0.1194	249.0	22.0
17671.	67.2	-43.0	194.5	194.6	-44.0	89.	0.0731	0.0694	0.1185	250.0	22.0
17726.	66.3	-43.0	195.2	195.3	-44.0	89.	0.0731	0.0694	0.1177	250.0	22.0
17780.	65.3	-43.0	195.9	196.0	-44.0	89.	0.0731	0.0694	0.1168	250.0	22.0
17835.	64.4	-43.0	196.6	196.7	-44.0	89.	0.0731	0.0694	0.1159	250.0	22.0
17889.	63.4	-43.0	197.3	197.4	-44.0	89.	0.0731	0.0694	0.1150	250.0	22.0
17944.	62.5	-43.0	198.0	198.1	-44.0	89.	0.0731	0.0694	0.1141	250.0	22.0
17998.	61.5	-43.0	198.7	198.8	-44.0	89.	0.0731	0.0694	0.1131	250.0	22.0
18053.	60.6	-43.0	199.4	199.5	-44.0	89.	0.0731	0.0694	0.1123	250.0	22.0
18107.	59.6	-43.0	200.1	200.2	-44.0	89.	0.0731	0.0694	0.1113	250.0	22.0
18162.	58.7	-43.0	200.8	200.9	-44.0	89.	0.0731	0.0694	0.1105	250.0	22.0
18216.	57.7	-43.0	201.5	201.6	-44.0	89.	0.0731	0.0694	0.1097	250.0	22.0
18271.	56.8	-43.0	202.2	202.3	-44.0	89.	0.0731	0.0694	0.1087	250.0	22.0
18325.	55.8	-43.0	202.9	203.0	-44.0	89.	0.0731	0.0694	0.1079	250.0	22.0
18380.	54.9	-43.0	203.6	203.7	-44.0	89.	0.0731	0.0694	0.1071	250.0	22.0
18434.	53.9	-43.0	204.3	204.4	-44.0	89.	0.0731	0.0694	0.1063	250.0	22.0
18489.	53.0	-43.0	205.0	205.1	-44.0	89.	0.0731	0.0694	0.1053	250.0	22.0
18543.	52.0	-43.0	205.7	205.8	-44.0	89.	0.0731	0.0694	0.1044	250.0	22.0
18598.	51.1	-43.0	206.4	206.5	-44.0	89.	0.0731	0.0694	0.1036	250.0	22.0
18652.	50.1	-43.0	207.1	207.2	-44.0	89.	0.0731	0.0694	0.1026	250.0	22.0
18707.	49.2	-43.0	207.8	207.9	-44.0	89.	0.0731	0.0694	0.1019	250.0	22.0
18761.	48.2	-43.0	208.5	208.6	-44.0	89.	0.0731	0.0694	0.1010	250.0	22.0
18816.	47.3	-43.0	209.2	209.3	-44.0	89.	0.0731	0.0694	0.1002	250.0	22.0
18870.	46.3	-43.0	209.9	210.0	-44.0	89.	0.0731	0.0694	0.0993	250.0	22.0
18925.	45.4	-43.0	210.6	210.7	-44.0	89.	0.0731	0.0694	0.0984	250.0	22.0
18979.	44.4	-43.0	211.3	211.4	-44.0	89.	0.0731	0.0694	0.0976	250.0	22.0
19034.	43.5	-43.0	212.0	212.1	-44.0	89.	0.0731	0.0694	0.0969	250.0	22.0
19088.	42.5	-43.0	212.7	212.8	-44.0	89.	0.0731	0.0694	0.0960	250.0	22.0
19143.	41.6	-43.0	213.4	213.5	-44.0	89.	0.0731	0.0694	0.0952	250.0	22.0
19197.	40.6	-43.0	214.1	214.2	-44.0	89.	0.0731	0.0694	0.0943	250.0	22.0
19252.	39.7	-43.0	214.8	214.9	-44.0	89.	0.0731	0.0694	0.0936	250.0	22.0
19306.	38.7	-43.0	215.5	215.6	-44.0	89.	0.0731	0.0694	0.0928	250.0	22.0
19361.	37.8	-43.0	216.2	216.3	-44.0	89.	0.0731	0.0694	0.0922	250.0	22.0
19415.	36.8	-43.0	216.9	217.0	-44.0	89.	0.0731	0.0694	0.0915	250.0	22.0
19470.	35.9	-43.0	217.6	217.7	-44.0	89.	0.0731	0.0694	0.0910	250.0	22.0
19524.	34.9	-43.0	218.3	218.4	-44.0	89.	0.0731	0.0694	0.0903	250.0	22.0
19579.	34.0	-43.0	219.0	219.1	-44.0	89.	0.0731	0.0694	0.0897	250.0	22.0
19633.	33.0	-43.0	219.7	219.8	-44.0	89.	0.0731	0.0694	0.0889	250.0	22.0
19688.	32.1	-43.0	220.4	220.5	-44.0	89.	0.0731	0.0694	0.0882	250.0	22.0
19742.	31.1	-43.0	221.1	221.2	-44.0	89.	0.0731	0.0694	0.0874	250.0	22.0
19797.	30.2	-43.0	221.8	221.9	-44.0	89.	0.0731	0.0694	0.0868	250.0	22.0
19851.	29.2	-43.0	222.5	222.6	-44.0	89.	0.0731	0.0694	0.0860	250.0	22.0
19906.	28.3	-43.0	223.2	223.3	-44.0	89.	0.0731	0.0694	0.0853	250.0	22.0
19960.	27.3	-43.0	223.9	224.0	-44.0	89.	0.0731	0.0694	0.0845	250.0	22.0
20015.	26.4	-43.0	224.6	224.7	-44.0	89.	0.0731	0.0694	0.0839	250.0	22.0
20069.	25.4	-43.0	225.3	225.4	-44.0	89.	0.0731	0.0694	0.0833	250.0	22.0
20124.	24.5	-43.0	226.0	226.1	-44.0	89.	0.0731	0.0694	0.0826	250.0	22.0
20178.	23.5	-43.0	226.7	226.8	-44.0	89.	0.0731	0.0694	0.0820	250.0	22.0
20233.	22.6	-43.0	227.4	227.5	-44.0	89.	0.0731	0.0694	0.0813	250.0	22.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
20176.	502.5	-44.6	356.3	356.9	-45.6	84.	0.0672	0.0641	0.0807	244.0	21.5
20197.	502.4	-44.5	356.7	357.3	-45.5	84.	0.0681	0.0648	0.0799	244.0	21.4
20264.	502.0	-44.5	356.8	357.4	-45.5	84.	0.0681	0.0648	0.0797	244.0	21.4
20302.	501.6	-44.5	356.9	357.5	-45.5	84.	0.0681	0.0649	0.0797	243.0	21.4
20367.	501.1	-44.5	356.9	357.5	-45.6	84.	0.0673	0.0641	0.0790	243.0	21.5
20462.	500.7	-44.5	357.0	357.6	-45.6	84.	0.0667	0.0636	0.0784	243.0	21.5
20472.	500.6	-44.5	357.0	357.6	-45.6	84.	0.0667	0.0636	0.0784	243.0	21.5
20533.	500.2	-44.5	357.0	357.6	-45.6	84.	0.0662	0.0631	0.0781	243.0	21.5
20547.	500.1	-44.5	357.0	357.6	-45.6	84.	0.0662	0.0631	0.0781	243.0	21.5
20647.	499.4	-44.5	357.1	357.7	-45.6	84.	0.0656	0.0625	0.0774	243.0	21.5
20716.	498.9	-44.5	357.1	357.7	-45.6	84.	0.0651	0.0620	0.0768	243.0	21.5
20771.	498.5	-44.5	357.2	357.8	-45.6	84.	0.0646	0.0615	0.0763	243.0	21.5
20826.	498.1	-44.5	357.2	357.8	-45.6	84.	0.0642	0.0612	0.0761	243.0	21.5
20883.	497.7	-44.5	357.2	357.8	-45.6	84.	0.0642	0.0612	0.0761	243.0	21.5
20936.	497.3	-44.5	357.3	357.9	-45.6	84.	0.0637	0.0607	0.0755	243.0	21.5
20982.	497.0	-44.5	357.3	357.9	-45.6	84.	0.0634	0.0604	0.0749	243.0	21.5
21036.	496.6	-44.5	357.3	357.9	-45.6	84.	0.0627	0.0598	0.0742	243.0	21.5
21097.	496.1	-44.5	357.4	358.0	-45.6	84.	0.0621	0.0592	0.0736	243.0	21.6
21156.	495.7	-44.5	357.4	358.0	-45.6	84.	0.0616	0.0587	0.0730	243.0	21.6
21214.	495.3	-44.5	357.5	358.1	-45.6	84.	0.0611	0.0582	0.0724	243.0	21.6
21274.	494.8	-44.5	357.5	358.1	-45.6	84.	0.0606	0.0578	0.0718	243.0	21.6
21333.	494.4	-44.5	357.6	358.2	-45.6	84.	0.0601	0.0572	0.0714	243.0	21.6
21387.	494.0	-44.5	357.6	358.2	-45.6	84.	0.0596	0.0565	0.0708	243.0	21.6
21454.	493.4	-44.5	357.7	358.3	-45.6	84.	0.0591	0.0560	0.0702	243.0	21.6
21515.	493.0	-44.5	357.8	358.4	-45.6	84.	0.0586	0.0556	0.0697	243.0	21.6
21562.	492.7	-44.5	357.8	358.4	-45.6	84.	0.0582	0.0552	0.0693	243.0	21.6
21624.	492.2	-44.5	357.9	358.5	-45.6	84.	0.0577	0.0547	0.0686	243.0	21.6
21667.	491.9	-44.5	357.9	358.5	-45.6	84.	0.0573	0.0543	0.0680	243.0	21.6
21735.	491.3	-44.4	358.0	358.6	-45.6	84.	0.0568	0.0538	0.0674	243.0	21.6
21799.	490.8	-44.4	358.1	358.7	-45.6	84.	0.0563	0.0534	0.0668	243.0	21.6
21862.	490.4	-44.4	358.1	358.7	-45.6	84.	0.0558	0.0529	0.0662	243.0	21.6
21913.	490.0	-44.4	358.2	358.8	-45.6	84.	0.0554	0.0525	0.0657	243.0	21.6
21978.	489.5	-44.4	358.2	358.8	-45.6	84.	0.0549	0.0520	0.0651	243.0	21.6
22028.	489.1	-44.4	358.3	358.9	-45.6	84.	0.0545	0.0516	0.0645	243.0	21.6
22079.	488.7	-44.4	358.3	359.0	-45.6	84.	0.0541	0.0512	0.0640	243.0	21.6
22147.	488.1	-44.4	358.4	359.0	-45.6	84.	0.0536	0.0507	0.0633	243.0	21.6
22196.	487.8	-44.4	358.4	359.0	-45.6	84.	0.0532	0.0503	0.0628	243.0	21.5
22267.	487.2	-44.4	358.5	359.1	-45.6	84.	0.0527	0.0498	0.0621	243.0	21.5
22319.	486.8	-44.4	358.5	359.1	-45.6	84.	0.0523	0.0494	0.0616	243.0	21.5
22372.	486.4	-44.4	358.6	359.2	-45.6	84.	0.0518	0.0490	0.0611	243.0	21.5
22422.	486.0	-44.4	358.6	359.2	-45.6	84.	0.0514	0.0486	0.0605	243.0	21.5
22474.	485.6	-44.4	358.7	359.3	-45.6	84.	0.0510	0.0482	0.0600	243.0	21.5
22550.	485.0	-44.4	358.8	359.4	-45.6	84.	0.0504	0.0476	0.0593	243.0	21.5
22604.	484.6	-44.4	358.8	359.4	-45.6	84.	0.0500	0.0472	0.0588	243.0	21.5
22659.	484.2	-44.4	358.9	359.5	-45.6	84.	0.0496	0.0468	0.0583	243.0	21.5
22715.	483.7	-44.4	358.9	359.5	-45.6	84.	0.0491	0.0464	0.0578	243.0	21.5
22771.	483.3	-44.4	359.0	359.6	-45.6	84.	0.0487	0.0460	0.0573	243.0	21.5
22827.	482.9	-44.4	359.0	359.6	-45.6	84.	0.0483	0.0456	0.0568	243.0	21.5
22884.	482.5	-44.4	359.1	359.7	-45.6	84.	0.0479	0.0452	0.0563	243.0	21.5
22941.	482.1	-44.4	359.1	359.7	-45.6	84.	0.0475	0.0448	0.0558	243.0	21.5
22998.	481.7	-44.4	359.2	359.8	-45.6	84.	0.0471	0.0444	0.0553	243.0	21.5
23057.	481.3	-44.4	359.2	359.8	-45.6	84.	0.0467	0.0440	0.0548	243.0	21.5
23115.	480.9	-44.4	359.3	359.9	-45.6	84.	0.0463	0.0436	0.0543	243.0	21.5
23174.	480.5	-44.4	359.3	359.9	-45.6	84.	0.0459	0.0432	0.0538	243.0	21.5
23234.	480.1	-44.4	359.4	360.0	-45.6	84.	0.0455	0.0428	0.0533	243.0	21.5
23294.	479.7	-44.4	359.4	360.0	-45.6	84.	0.0451	0.0424	0.0528	243.0	21.5
23354.	479.3	-44.4	359.5	360.1	-45.6	84.	0.0447	0.0420	0.0523	243.0	21.5
23416.	478.9	-44.4	359.5	360.1	-45.6	84.	0.0443	0.0416	0.0518	243.0	21.5
23477.	478.5	-44.4	359.6	360.2	-45.6	84.	0.0439	0.0412	0.0513	243.0	21.5
23519.	478.2	-44.4	359.6	360.2	-45.6	84.	0.0436	0.0409	0.0509	243.0	21.5
23582.	477.8	-44.4	359.7	360.3	-45.6	84.	0.0432	0.0405	0.0504	243.0	21.5
23645.	477.4	-44.4	359.7	360.3	-45.6	84.	0.0428	0.0401	0.0499	243.0	21.5
23688.	477.1	-44.4	359.8	360.4	-45.6	84.	0.0425	0.0398	0.0496	243.0	21.5
23752.	476.7	-44.4	359.8	360.4	-45.6	84.	0.0421	0.0395	0.0491	243.0	21.5
23796.	476.4	-44.4	359.9	360.5	-45.6	84.	0.0418	0.0391	0.0487	243.0	21.5
23860.	476.0	-44.4	359.9	360.5	-45.6	84.	0.0414	0.0388	0.0482	243.0	21.5
23904.	475.7	-44.4	360.0	360.6	-45.6	84.	0.0411	0.0384	0.0478	243.0	21.5
23971.	475.3	-44.4	360.0	360.6	-45.6	84.	0.0407	0.0381	0.0474	243.0	21.5
24016.	475.0	-44.4	360.1	360.7	-45.6	84.	0.0404	0.0378	0.0470	243.0	21.5
24061.	474.7	-44.4	360.1	360.7	-45.6	84.	0.0401	0.0375	0.0466	243.0	21.5
24129.	474.2	-44.4	360.2	360.8	-45.6	84.	0.0396	0.0371	0.0461	243.0	21.5
24174.	473.9	-44.4	360.2	360.8	-45.6	84.	0.0393	0.0368	0.0457	243.0	21.5
24242.	473.4	-44.4	360.3	360.9	-45.6	84.	0.0389	0.0364	0.0452	243.0	21.5
24268.	473.2	-44.4	360.3	360.9	-45.6	84.	0.0387	0.0362	0.0450	243.0	21.5
24339.	472.7	-44.4	360.4	361.0	-45.6	84.	0.0382	0.0358	0.0444	243.0	21.5
24386.	472.4	-44.4	360.4	361.0	-45.6	84.	0.0379	0.0355	0.0441	243.0	21.5
24458.	471.9	-44.4	360.5	361.1	-45.6	84.	0.0375	0.0351	0.0436	243.0	21.5

SOUNDING #1.0
LATITUDE -56.3 LONGITUDE -0.3
DATE 11-14-81 TIME 1159 GMT
NUMBER OF LEVELS 357

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	999.0	-1.4	-1.3	-0.8	-3.8	82.	4.4828	3.6056	1.2842	25.0	7.0
63.	991.1	-1.8	-1.1	-0.7	-4.4	80.	4.2320	3.4110	1.2758	20.0	6.8
125.	983.4	-2.3	-1.0	-0.6	-5.1	79.	4.0059	3.2380	1.2681	4.0	7.6
184.	976.1	-2.9	-1.0	-0.6	-6.0	77.	3.7125	3.0109	1.2612	351.0	8.5
244.	968.7	-3.5	-1.0	-0.7	-6.7	76.	3.4834	2.8328	1.2543	344.0	9.4
304.	961.4	-4.0	-1.0	-0.8	-7.5	74.	3.2510	2.6517	1.2470	339.0	10.3
367.	953.7	-4.4	-0.7	-0.4	-8.0	73.	3.0898	2.5336	1.2387	334.0	10.9
433.	945.7	-4.8	-0.5	-0.2	-8.8	71.	2.9137	2.3879	1.2301	331.0	11.4
496.	938.2	-5.2	-0.1	0.2	-9.3	69.	2.7836	2.2857	1.2211	329.0	11.8
556.	931.0	-5.1	0.4	0.7	-9.5	68.	2.7178	2.2355	1.2122	327.0	12.0
621.	923.4	-5.3	0.9	1.2	-10.1	66.	2.5949	2.1372	1.2031	326.0	12.2
681.	916.3	-5.9	0.9	1.1	-11.0	64.	2.3996	1.9752	1.1964	325.0	12.2
742.	909.2	-6.4	1.0	1.2	-11.6	63.	2.2532	1.8669	1.1892	324.0	12.1
803.	902.1	-6.9	1.1	1.3	-12.5	61.	2.0892	1.7366	1.1820	324.0	12.1
858.	895.7	-7.4	1.1	1.3	-13.1	60.	1.9675	1.6397	1.1758	324.0	11.9
916.	888.9	-7.8	1.3	1.5	-13.9	58.	1.8567	1.5551	1.1685	323.0	12.2
981.	881.7	-8.3	1.4	1.6	-14.6	57.	1.7278	1.4477	1.1612	322.0	12.2
1042.	874.7	-8.7	1.6	1.5	-15.3	55.	1.6096	1.3527	1.1536	322.0	12.3
1104.	867.7	-9.3	1.6	1.8	-16.3	53.	1.4711	1.2411	1.1469	321.0	12.3
1169.	860.5	-9.9	1.6	1.8	-17.1	52.	1.3687	1.1581	1.1399	321.0	12.2
1230.	853.7	-10.4	1.7	1.9	-18.0	50.	1.2588	1.0689	1.1329	321.0	12.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
1257.	846.3	-10.4	1.4	2.0	-18.9	46.	1.1557	0.9848	1.1252	321.0	12.0
1359.	839.4	-11.0	1.0	2.0	-19.6	47.	1.0724	0.9166	1.1165	320.0	12.0
1421.	832.6	-12.0	2.0	2.0	-20.6	45.	0.9816	0.8420	1.1115	320.0	11.8
1482.	826.0	-11.8	3.0	3.6	-20.3	43.	1.0078	0.8636	1.0993	319.0	11.7
1545.	819.3	-10.4	5.2	5.1	-19.8	42.	1.0273	0.8842	1.0872	317.0	11.5
1609.	812.5	-9.5	6.6	6.6	-19.5	40.	1.0906	0.9316	1.0745	317.0	11.2
1673.	805.8	-8.7	8.1	8.3	-19.3	38.	1.1117	0.9486	1.0624	318.0	11.1
1737.	799.2	-8.5	8.6	8.7	-19.2	39.	1.1211	0.9565	1.0565	318.0	11.2
1803.	792.4	-9.3	8.4	9.0	-19.0	41.	1.1177	0.9701	1.0472	318.0	11.6
1870.	785.5	-9.7	9.1	9.3	-18.7	44.	1.1785	1.0034	1.0397	317.0	11.4
1934.	779.0	-10.2	9.0	9.6	-17.8	49.	1.2779	1.0844	1.0323	316.0	10.2
1995.	772.4	-10.7	9.0	12.1	-16.7	56.	1.4226	1.2013	1.0249	316.0	9.2
2064.	765.9	-10.8	10.3	10.4	-16.4	60.	1.4671	1.2297	1.0182	315.0	10.1
2128.	759.6	-11.4	10.2	10.4	-16.3	62.	1.4766	1.2451	1.0114	314.0	10.1
2191.	753.3	-11.8	10.6	10.8	-16.4	64.	1.4997	1.2518	1.0042	313.0	9.9
2257.	746.9	-11.8	10.9	11.1	-16.7	64.	1.4279	1.2003	0.9968	312.0	9.8
2321.	740.6	-11.9	11.5	11.7	-16.9	63.	1.3761	1.1722	0.9887	312.0	9.7
2388.	734.2	-12.0	12.1	12.3	-17.0	63.	1.3774	1.1621	0.9805	312.0	9.7
2452.	728.1	-12.1	12.7	12.9	-17.0	64.	1.3826	1.1696	0.9728	307.0	9.6
2515.	722.1	-12.1	13.6	13.8	-16.8	66.	1.4260	1.2045	0.9648	306.0	9.3
2578.	716.1	-12.1	14.0	14.2	-16.3	68.	1.4642	1.2385	0.9568	305.0	9.4
2638.	710.5	-12.2	14.4	14.7	-18.5	56.	1.1990	1.0261	0.9495	304.0	9.5
2701.	704.7	-12.3	15.1	15.7	-21.3	43.	0.9124	0.7850	0.9419	303.0	9.5
2763.	699.0	-12.6	15.6	15.7	-18.9	56.	1.0419	0.8916	0.9351	303.0	9.4
2825.	693.3	-12.8	15.9	16.1	-18.7	56.	1.1791	1.0014	0.9287	302.0	9.4
2889.	687.5	-13.2	16.3	16.3	-22.2	43.	0.8408	0.7259	0.9220	302.0	9.6
2951.	681.9	-13.6	16.4	16.5	-26.8	28.	0.5279	0.4644	0.9157	302.0	9.7
3016.	676.1	-14.0	16.7	16.7	-35.3	12.	0.2181	0.1987	0.9096	302.0	9.8
3082.	670.2	-14.6	16.7	16.8	-26.7	31.	0.5233	0.4689	0.9035	301.0	10.2
3149.	664.3	-15.1	16.9	17.0	-27.2	31.	0.5083	0.4486	0.8972	300.0	10.4
3214.	658.6	-15.6	17.0	17.1	-27.6	31.	0.4852	0.4291	0.8912	300.0	10.6
3277.	653.1	-16.2	17.0	17.1	-28.2	31.	0.4599	0.4068	0.8858	300.0	10.9
3344.	647.3	-16.8	17.1	17.2	-28.7	31.	0.4348	0.3855	0.8800	307.0	11.1
3409.	641.7	-17.5	17.3	17.3	-29.2	31.	0.4149	0.3685	0.8741	308.0	11.3
3472.	636.3	-17.9	17.3	17.3	-29.7	31.	0.3921	0.3490	0.8688	309.0	11.5
3537.	630.8	-18.5	17.3	17.4	-30.3	31.	0.3704	0.3305	0.8633	310.0	11.6
3599.	625.6	-19.0	17.4	17.5	-30.7	31.	0.3533	0.3158	0.8578	311.0	11.8
3661.	620.4	-19.4	17.7	17.7	-31.1	31.	0.3400	0.3044	0.8522	312.0	11.9
3724.	615.1	-19.8	17.9	18.0	-31.5	31.	0.3273	0.2934	0.8461	313.0	12.0
3788.	609.8	-20.2	18.2	18.2	-31.8	31.	0.3149	0.2828	0.8401	314.0	11.8
3853.	604.5	-20.7	18.3	18.4	-32.3	31.	0.3001	0.2700	0.8344	314.0	12.0
3917.	599.3	-20.9	18.6	18.6	-32.5	31.	0.2944	0.2650	0.8279	314.0	12.0
3983.	593.9	-21.1	18.8	19.4	-32.6	31.	0.2887	0.2601	0.8211	315.0	12.1
4052.	588.4	-21.3	19.0	19.0	-32.8	31.	0.2832	0.2553	0.8141	314.0	12.2
4112.	583.6	-21.4	20.5	20.5	-32.9	31.	0.2804	0.2530	0.8078	314.0	12.1
4173.	578.6	-21.5	21.0	21.1	-33.0	31.	0.2777	0.2506	0.8015	313.0	12.1
4232.	574.2	-21.7	21.5	21.5	-33.2	31.	0.2724	0.2460	0.7957	313.0	12.2
4292.	569.5	-22.1	21.7	21.7	-33.6	31.	0.2620	0.2369	0.7895	312.0	12.2
4357.	564.5	-22.4	22.1	22.1	-33.8	31.	0.2544	0.2303	0.7845	312.0	12.2
4423.	559.4	-22.6	22.7	22.7	-34.0	31.	0.2465	0.2234	0.7780	306.0	12.4
4486.	554.5	-22.8	23.1	23.2	-34.2	31.	0.2446	0.2218	0.7718	306.0	12.4
4554.	549.5	-23.1	23.6	23.6	-34.4	31.	0.2375	0.2156	0.7658	306.0	12.8
4620.	544.4	-23.1	24.3	24.4	-34.4	31.	0.2378	0.2156	0.7587	305.0	12.8
4687.	539.6	-23.0	25.2	25.3	-34.4	31.	0.2398	0.2177	0.7517	304.0	12.2
4754.	534.7	-22.9	26.1	26.1	-34.3	31.	0.2422	0.2197	0.7445	303.0	12.2
4818.	530.0	-22.8	27.0	27.0	-34.2	31.	0.2446	0.2218	0.7377	303.0	13.6
4885.	525.2	-22.6	27.8	27.7	-34.3	31.	0.2402	0.2197	0.7313	304.0	13.5
4952.	520.4	-23.1	28.2	28.2	-34.5	31.	0.2375	0.2156	0.7252	304.0	13.8
5018.	515.7	-23.8	28.1	28.2	-35.1	31.	0.2216	0.2017	0.7207	304.0	14.1
5085.	511.0	-24.4	28.1	28.2	-35.7	31.	0.2058	0.1905	0.7158	303.0	14.6
5149.	506.5	-25.1	28.1	28.1	-36.3	31.	0.1949	0.1782	0.7115	303.0	15.0
5214.	502.0	-25.7	28.2	28.2	-36.8	31.	0.1874	0.1682	0.7069	302.0	15.2
5277.	497.6	-26.3	28.2	28.2	-37.4	31.	0.1726	0.1587	0.7024	301.0	15.6
5344.	493.0	-25.9	29.4	29.5	-37.0	31.	0.1797	0.1649	0.6948	299.0	15.9
5409.	488.6	-25.7	30.0	30.0	-36.8	31.	0.1874	0.1681	0.6880	298.0	16.3
5478.	484.1	-25.6	30.6	30.7	-37.1	31.	0.1779	0.1633	0.6825	298.0	16.8
5545.	479.5	-26.1	31.1	31.2	-37.6	31.	0.1692	0.1556	0.6774	297.0	17.1
5611.	475.1	-26.9	31.4	31.6	-37.9	31.	0.1597	0.1497	0.6723	296.0	17.3
5678.	470.7	-27.5	31.7	31.9	-38.3	31.	0.1559	0.1459	0.6671	296.0	17.6
5743.	466.5	-27.6	32.1	32.2	-38.6	31.	0.1513	0.1397	0.6620	295.0	17.8
5806.	462.4	-27.9	32.6	32.8	-38.8	31.	0.1467	0.1357	0.6569	295.0	18.1
5873.	458.1	-28.4	32.7	32.8	-39.3	31.	0.1394	0.1292	0.6522	295.0	18.2
5942.	453.7	-29.0	32.8	32.8	-39.8	31.	0.1310	0.1217	0.6475	295.0	18.4
6011.	449.4	-29.5	33.1	33.1	-40.3	31.	0.1244	0.1158	0.6426	295.0	18.6
6080.	445.3	-30.0	33.4	33.4	-40.8	31.	0.1182	0.1102	0.6377	295.0	18.8
6148.	440.7	-30.6	33.4	33.4	-41.3	31.	0.1119	0.1037	0.6331	295.0	18.8
6215.	436.4	-31.1	33.6	33.6	-41.8	31.	0.1062	0.0984	0.6282	295.0	19.0
6285.	432.3	-31.7	33.7	33.7	-42.3	31.	0.1008	0.0928	0.6238	295.0	19.3
6351.	428.3	-32.3	33.7	33.7	-42.9	31.	0.0958	0.0873	0.6196	295.0	19.4
6418.	424.2	-32.9	33.8	33.8	-43.4	31.	0.0871	0.0821	0.6152	295.0	19.4
6485.	420.2	-33.4	34.0	34.0	-43.9	31.	0.0789	0.0745	0.6106	295.0	19.6
6553.	416.1	-33.9	34.2	34.3	-44.3	31.	0.0782	0.0741	0.6059	295.0	19.6
6621.	412.1	-34.5	34.4	34.5	-44.5	31.	0.0733	0.0696	0.6016	295.0	19.7
6624.	408.4	-35.1	34.4	34.5	-45.4	31.	0.0587	0.0554	0.5977	295.0	19.7
6747.	404.7	-35.6	34.4	34.5	-45.8	31.	0.0561	0.0528	0.5935	295.0	19.8
6809.	401.1	-36.2	34.4	34.5	-46.4	31.	0.0534	0.0502	0.5897	295.0	19.8
6872.	397.4	-36.8	34.5	34.5	-47.0	31.	0.0521	0.0494	0.5858	295.0	19.9
6936.	393.8	-37.3	34.6	34.6	-47.4	31.	0.0548	0.0518	0.5817	295.0	20.1
6999.	390.2	-37.9	34.6	34.6	-47.8	31.	0.0511	0.0481	0.5776	295.0	20.3
7065.	386.5	-38.4	34.8	34.8	-48.4	31.	0.0496	0.0468	0.5734	295.0	20.4
7131.	382.8	-38.8	35.0	35.0	-48.8	31.	0.0457	0.0441	0.5691	295.0	20.5
7195.	379.2	-39.2	35.2	35.2	-49.2	31.	0.0418	0.0404	0.5649	295.0	20.6
7262.	375.5	-39.8	35.4	35.4	-49.8	31.	0.0404	0.0392	0.5609	295.0	20.8
7328.	371.9	-40.4	35.5	35.5	-50.4	31.	0.0367	0.0357	0.5569	295.0	21.0
7396.	368.2	-41.0	35.7	35.7	-50.9	31.	0.0360	0.0347	0.5525	295.0	21.1
7466.	364.4	-41.6	35.8	35.8	-51.3	31.	0.0339	0.0329	0.5482	295.0	21.2
7537.	360.6	-42.2	35.9	36.2	-51.7	31.	0.0318	0.0311	0.5435	295.0	21.4
7605.	357.0	-42.8	36.0	36.0	-52.2	31.	0.0294	0.0286	0.5392	295.0	21.5
7675.	353.3	-43.1	36.2	36.2	-52.6	31.	0.0285	0.0275	0.5345	295.0	21.6
7742.	349.8	-43.8	36.4	36.4	-53.1	31.	0.0264	0.0254	0.5303	295.0	21.7
7811.	346.2	-44.4	36.7	36.6	-53.9	31.	0.0244	0.0237	0.5272	295.0	21.8
7881.	342.6	-45.0	36.7	36.7	-54.5	31.	0.0224	0.0222	0.5231	295.0	21.9
7951.	339.0	-45.6	36.8	36.8	-55.0	31.	0.0208	0.0207	0.5190	295.0	22.0
8022.	335.4	-46.2	36.8	36.8	-55.7	31.	0.0192	0.0191	0.5151	295.0	22.1
8090.	332.0	-46.9	36.8	36.8	-56.5	31.	0.0178	0.0178	0.5112	295.0	22.2
8159.	328.6	-47.5	36.8	36.8	-56.9	31.	0.0166	0.0166	0.5073	295.0	22.3
8224.	325.4	-48.1	37.0	37.0	-57.3	31.	0.0154	0.0155	0.5036	295.0	22.4
8287.	322.3	-48.8	37.2	37.2	-58.0	31.	0.0142	0.0143	0.4998	295.0	22.5
8350.	319.2	-49.4	37.2	37.2	-58.7	31.	0.0132	0.0132	0.4966	295.0	22.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
8431.	315.2	-50.2	36.9	36.9	-59.3	31.	0.0116	0.0121	0.4925	280.0	20.7
8499.	311.9	-50.8	37.0	37.0	-59.8	31.	0.0111	0.0113	0.4887	280.0	20.7
8564.	308.8	-51.4	37.0	37.0	-60.4	31.	0.0105	0.0105	0.4851	280.0	20.6
8631.	305.6	-51.9	37.3	37.3	-60.8	31.	0.0097	0.0098	0.4812	280.0	20.6
8697.	302.5	-52.6	37.2	37.2	-61.5	31.	0.0090	0.0090	0.4778	284.0	20.1
8766.	299.3	-53.2	37.3	37.3	-62.0	31.	0.0082	0.0084	0.4740	287.0	19.7
8832.	296.2	-53.8	37.1	37.1	-62.8	31.	0.0074	0.0076	0.4708	286.0	19.2
8900.	293.1	-54.4	37.4	37.4	-63.1	31.	0.0070	0.0072	0.4668	285.0	18.7
8965.	290.2	-54.7	37.9	37.9	-63.4	31.	0.0068	0.0070	0.4528	281.0	18.0
9027.	287.3	-55.0	38.4	38.4	-63.7	31.	0.0065	0.0067	0.4588	279.0	18.0
9094.	284.2	-55.4	38.7	38.7	-64.1	31.	0.0062	0.0064	0.4548	277.0	18.0
9162.	281.3	-54.9	40.4	40.4	-63.6	31.	0.0066	0.0068	0.4490	276.0	18.1
9225.	278.6	-54.6	41.7	41.7	-63.3	31.	0.0068	0.0071	0.4441	273.0	17.9
9288.	275.8	-54.0	42.7	42.7	-63.2	31.	0.0069	0.0072	0.4394	272.0	18.1
9349.	273.2	-54.0	43.6	43.6	-63.2	31.	0.0069	0.0072	0.4353	270.0	18.1
9412.	270.5	-54.0	44.5	44.5	-63.2	31.	0.0069	0.0072	0.4310	268.0	18.4
9479.	267.7	-54.4	45.6	45.6	-63.1	31.	0.0070	0.0072	0.4263	267.0	18.7
9545.	265.2	-54.1	46.9	46.9	-62.9	31.	0.0073	0.0075	0.4218	266.0	18.9
9602.	262.6	-53.8	48.2	48.2	-62.6	31.	0.0076	0.0078	0.4171	264.0	19.2
9661.	260.2	-53.7	49.2	49.2	-62.5	31.	0.0077	0.0079	0.4131	264.0	19.4
9730.	257.4	-53.7	50.2	50.2	-62.5	31.	0.0077	0.0079	0.4086	263.0	19.6
9800.	254.6	-53.6	50.9	50.9	-62.7	31.	0.0075	0.0077	0.4045	263.0	19.6
9866.	252.0	-53.5	52.5	52.5	-62.3	31.	0.0079	0.0081	0.3997	262.0	19.8
9930.	249.5	-53.6	54.1	54.1	-61.9	31.	0.0084	0.0086	0.3948	260.0	19.7
9995.	247.0	-52.5	56.1	56.1	-61.2	31.	0.0092	0.0094	0.3896	260.0	19.8
10058.	244.6	-51.6	58.1	58.1	-60.6	31.	0.0100	0.0102	0.3846	257.0	19.8
10122.	242.2	-50.8	60.2	60.2	-59.8	31.	0.0111	0.0112	0.3795	257.0	19.8
10184.	239.9	-50.2	62.0	62.0	-59.3	31.	0.0119	0.0121	0.3749	258.0	19.6
10244.	237.7	-49.7	63.7	63.7	-58.8	31.	0.0127	0.0128	0.3706	257.0	19.8
10302.	235.6	-49.4	65.3	65.3	-58.5	31.	0.0132	0.0133	0.3668	257.0	19.7
10364.	233.4	-49.1	66.7	66.3	-58.3	31.	0.0137	0.0138	0.3629	257.0	19.6
10423.	231.3	-48.9	67.7	67.7	-58.2	31.	0.0142	0.0143	0.3592	258.0	19.7
10483.	229.2	-48.6	68.6	68.6	-57.8	31.	0.0145	0.0146	0.3556	259.0	19.8
10546.	227.0	-48.3	70.3	70.3	-57.5	31.	0.0151	0.0151	0.3517	259.0	19.8
10610.	224.9	-48.0	71.7	71.7	-57.3	31.	0.0156	0.0157	0.3478	259.0	19.9
10675.	222.6	-47.8	73.0	73.0	-57.1	31.	0.0160	0.0160	0.3441	257.0	19.9
10737.	220.5	-47.8	73.9	73.9	-57.1	31.	0.0160	0.0160	0.3409	257.0	19.9
10804.	218.3	-47.7	75.1	75.1	-57.0	31.	0.0162	0.0162	0.3373	257.0	19.9
10864.	216.3	-47.5	76.3	76.3	-56.8	31.	0.0166	0.0166	0.3339	257.0	20.0
10926.	214.3	-47.2	77.7	77.7	-56.5	31.	0.0172	0.0172	0.3304	257.0	20.0
10988.	212.3	-47.1	78.8	78.8	-56.4	31.	0.0174	0.0174	0.3272	257.0	19.9
11047.	210.4	-47.1	79.7	79.7	-56.4	31.	0.0174	0.0174	0.3243	256.0	20.0
11110.	208.4	-47.0	80.8	80.8	-56.3	31.	0.0176	0.0176	0.3210	256.0	20.2
11167.	206.6	-46.8	82.0	82.0	-56.1	31.	0.0180	0.0180	0.3180	258.0	20.2
11225.	204.8	-46.7	83.0	83.0	-56.1	31.	0.0183	0.0182	0.3151	259.0	20.2
11277.	203.2	-46.7	83.8	83.8	-56.1	31.	0.0183	0.0182	0.3126	259.0	20.2
11333.	201.5	-46.7	84.7	84.7	-56.1	31.	0.0183	0.0182	0.3100	251.0	20.1
11389.	199.8	-46.6	85.9	85.9	-55.9	31.	0.0187	0.0187	0.3071	262.0	20.1
11448.	198.0	-46.6	87.1	87.1	-55.7	31.	0.0192	0.0191	0.3041	263.0	20.1
11506.	196.3	-46.6	88.2	88.2	-55.6	31.	0.0194	0.0193	0.3013	263.0	20.0
11567.	194.5	-46.6	89.4	89.4	-55.4	31.	0.0198	0.0196	0.2983	263.0	19.8
11626.	192.8	-46.5	90.7	90.7	-55.2	31.	0.0203	0.0202	0.2954	264.0	19.8
11678.	191.3	-46.5	92.0	92.0	-55.0	31.	0.0211	0.0209	0.2928	264.0	19.8
11733.	189.7	-46.6	92.7	92.7	-55.0	31.	0.0211	0.0207	0.2904	264.0	19.8
11790.	188.1	-46.8	93.7	93.7	-55.2	31.	0.0205	0.0203	0.2882	264.0	19.8
11847.	186.5	-46.9	94.6	94.6	-55.4	31.	0.0201	0.0200	0.2859	264.0	19.8
11904.	184.9	-46.1	94.6	94.6	-55.0	31.	0.0196	0.0195	0.2837	264.0	19.7
11961.	183.3	-46.2	95.3	95.3	-55.0	31.	0.0194	0.0193	0.2814	264.0	19.7
12016.	181.8	-46.3	96.0	96.0	-55.1	31.	0.0192	0.0191	0.2792	264.0	19.7
12075.	180.2	-46.3	96.8	97.0	-55.1	31.	0.0192	0.0191	0.2767	264.0	19.7
12130.	178.7	-46.4	97.7	97.7	-55.2	31.	0.0190	0.0189	0.2746	264.0	19.6
12186.	177.2	-46.5	98.4	98.4	-55.4	31.	0.0187	0.0187	0.2724	264.0	19.6
12238.	175.8	-46.5	99.2	99.2	-55.6	31.	0.0187	0.0187	0.2702	264.0	19.6
12294.	174.2	-46.6	100.0	100.1	-55.6	31.	0.0185	0.0184	0.2679	263.0	19.6
12356.	172.7	-46.6	101.0	101.0	-55.8	31.	0.0185	0.0184	0.2656	263.0	19.8
12410.	171.3	-46.6	101.9	101.9	-55.8	31.	0.0185	0.0184	0.2634	263.0	19.8
12469.	169.8	-46.5	102.8	102.8	-55.8	31.	0.0187	0.0187	0.2612	263.0	19.7
12519.	168.5	-46.4	103.5	104.2	-55.8	31.	0.0189	0.0189	0.2589	263.0	19.6
12571.	167.2	-46.4	104.8	104.8	-55.8	31.	0.0190	0.0189	0.2569	263.0	19.4
12626.	165.8	-46.5	105.6	105.6	-55.7	31.	0.0192	0.0191	0.2546	263.0	19.4
12679.	164.5	-46.1	106.6	107.1	-55.5	31.	0.0196	0.0195	0.2524	263.0	19.3
12731.	163.2	-46.1	107.6	107.6	-55.5	31.	0.0196	0.0195	0.2504	263.0	19.1
12789.	161.8	-46.1	108.6	108.6	-55.5	31.	0.0196	0.0195	0.2483	263.0	19.0
12842.	160.5	-46.1	109.7	109.7	-55.5	31.	0.0196	0.0195	0.2463	263.0	18.8
12896.	159.2	-46.0	110.7	110.7	-55.4	31.	0.0198	0.0197	0.2442	263.0	18.7
12951.	157.9	-45.9	111.8	111.8	-55.3	31.	0.0200	0.0200	0.2420	262.0	18.6
13001.	156.7	-46.0	112.5	112.5	-55.4	31.	0.0199	0.0199	0.2403	265.0	18.6
13057.	155.4	-46.1	113.5	113.5	-55.6	31.	0.0196	0.0195	0.2384	263.0	18.6
13112.	154.1	-46.2	114.5	114.5	-55.8	31.	0.0194	0.0193	0.2366	263.0	18.6
13173.	152.7	-46.3	114.9	114.9	-55.7	31.	0.0192	0.0191	0.2345	262.0	18.5
13225.	151.4	-46.6	115.7	115.7	-56.0	31.	0.0185	0.0184	0.2328	262.0	18.5
13287.	150.1	-47.0	115.9	115.9	-56.3	31.	0.0176	0.0176	0.2312	262.0	18.6
13344.	148.8	-47.3	116.5	116.5	-56.6	31.	0.0172	0.0170	0.2295	262.0	18.7
13402.	147.5	-47.5	116.9	116.9	-56.9	31.	0.0164	0.0164	0.2278	262.0	18.8
13460.	146.2	-47.7	117.3	117.3	-57.2	31.	0.0159	0.0159	0.2261	262.0	18.8
13524.	144.9	-47.8	118.0	118.0	-56.9	31.	0.0164	0.0164	0.2237	261.0	19.0
13569.	143.8	-47.4	118.7	118.7	-56.7	31.	0.0168	0.0168	0.2219	261.0	19.1
13615.	142.6	-47.3	119.6	119.6	-56.6	31.	0.0172	0.0170	0.2203	260.0	19.1
13671.	141.0	-47.2	121.7	121.6	-56.5	31.	0.0172	0.0172	0.2183	259.0	19.2
13725.	139.5	-47.1	122.4	122.4	-56.4	31.	0.0174	0.0174	0.2165	259.0	19.2
13779.	138.1	-47.1	123.2	123.2	-56.4	31.	0.0174	0.0174	0.2147	258.0	19.4
13837.	136.7	-47.1	124.1	124.1	-56.4	31.	0.0174	0.0174	0.2128	258.0	19.4
13894.	135.4	-47.1	124.9	124.9	-56.3	31.	0.0174	0.0174	0.2109	258.0	19.6
13952.	134.0	-47.1	125.8	125.8	-56.3	31.	0.0174	0.0174	0.2090	258.0	19.7
14011.	132.6	-47.1	126.7	126.7	-56.3	31.	0.0174	0.0176	0.2072	257.0	19.8
14068.	131.3	-47.1	127.5	127.5	-56.4	31.	0.0174	0.0174	0.2056	257.0	19.8
14125.	130.0	-47.2	128.4	128.4	-56.4	31.	0.0172	0.0172	0.2038	257.0	19.6
14183.	128.6	-47.1	129.2	129.2	-56.4	31.	0.0174	0.0174	0.2019	257.0	19.7
14241.	127.3	-46.9	130.1	130.1	-56.2	31.	0.0178	0.0178	0.2000	257.0	19.5
14303.	125.7	-46.7	131.1	131.1	-56.1	31.	0.0183	0.0182	0.1980	257.0	19.4
14359.	124.3	-46.7	131.9	131.9	-56.1	31.	0.0183	0.0182	0.1963	257.0	19.4
14417.	122.9	-46.7	132.8	132.8	-56.1	31.	0.0183	0.0183	0.1946	257.0	19.4
14469.	121.6	-46.6	133.7	133.7	-56.0	31.	0.0185	0.0184	0.1930	257.0	19.4
14528.	120.4	-46.6	134.5	134.5	-56.0	31.	0.0187	0.0187	0.1912	256.0	19.4
14581.	119.4	-46.6	135.2	135.2	-56.0	31.	0.0185	0.0184	0.1898	256.0	19.6
14636.	118.4	-46.7	136.1	136.1	-56.0	31.	0.0178	0.0178	0.1885	256.0	19.5
14695.	117.3	-47.1	137.1	137.1	-56.4	31.	0.0174	0.0174	0.1960	257.0	19.3
14749.	116.2	-47.4	137.8	137.8	-56.6	31.	0.0172	0.0170	0.1856	258.0	19.3
14799.	115.4	-47.6	138.4	138.4	-56.8	31.	0.0168	0.0166	0.1843	258.0	19.2

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHO (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
14884.	118.4	-47.2	142.	142.	-56.2	31.	0.0176	0.0176	0.1924	254.	2. .1
14911.	117.4	-46.8	144.0	144.0	-55.8	31.	0.0184	0.0184	0.1905	253.0	1 .2
14962.	116.0	-46.6	145.	145.	-55.6	31.	0.0186	0.0186	0.1730	260.0	1 .2
15018.	115.0	-46.5	147.1	147.1	-55.7	31.	0.0192	0.0191	0.1774	259.0	1 .2
15071.	113.6	-46.1	148.4	148.4	-55.4	31.	0.0196	0.0195	0.1758	260.0	1 .2
15123.	112.7	-46.2	149.4	149.4	-55.4	31.	0.0196	0.0195	0.1744	261.0	1 .4
15182.	110.7	-45.9	151.	151.	-55.2	31.	0.0202	0.0202	0.1727	261.0	1 .5
15235.	111.1	-45.8	152.3	152.	-55.2	31.	0.0202	0.0202	0.1712	262.0	1 .7
15290.	110.0	-45.8	153.4	153.4	-55.2	31.	0.0202	0.0202	0.1698	262.0	1 .8
15346.	108.8	-46.1	154.6	154.6	-55.4	31.	0.0198	0.0198	0.1686	262.0	1 .8
15403.	107.7	-46.1	155.7	155.7	-55.4	31.	0.0198	0.0198	0.1673	262.0	1 .8
15458.	106.1	-46.1	157.3	157.3	-55.4	31.	0.0198	0.0198	0.1659	262.0	1 .8
15514.	107.2	-46.1	156.7	156.7	-55.4	31.	0.0198	0.0198	0.1644	262.0	1 .8
15576.	106.2	-46.1	157.7	157.7	-55.4	31.	0.0198	0.0198	0.1630	262.0	1 .8
15634.	105.3	-46.2	158.7	158.7	-55.5	31.	0.0197	0.0197	0.1617	262.0	1 .8
15690.	104.4	-46.2	159.7	159.7	-55.5	31.	0.0197	0.0197	0.1605	262.0	1 .8
15747.	103.5	-46.4	160.7	160.7	-55.7	31.	0.0193	0.0193	0.1592	262.0	1 .8
15804.	102.7	-46.5	161.4	161.4	-55.7	31.	0.0191	0.0191	0.1577	262.0	1 .8
15857.	101.8	-46.6	162.7	162.7	-55.8	31.	0.0189	0.0189	0.1563	262.0	1 .8
15916.	100.9	-46.7	163.7	163.7	-55.9	31.	0.0187	0.0187	0.1548	262.0	1 .8
15975.	100.0	-46.7	164.7	164.7	-55.9	31.	0.0187	0.0187	0.1532	262.0	1 .8
16035.	99.1	-46.6	165.7	165.7	-55.8	31.	0.0189	0.0189	0.1517	261.0	1 .8
16096.	98.2	-46.6	166.7	166.7	-55.8	31.	0.0189	0.0189	0.1503	261.0	1 .7
16161.	97.4	-46.5	168.1	168.1	-55.8	31.	0.0189	0.0189	0.1491	261.0	1 .7
16212.	96.5	-46.6	169.1	169.1	-55.9	31.	0.0187	0.0187	0.1478	261.0	1 .6
16268.	95.7	-46.7	170.4	170.4	-55.9	31.	0.0187	0.0187	0.1465	261.0	1 .6
16324.	94.8	-46.7	171.4	171.4	-55.9	31.	0.0187	0.0187	0.1452	261.0	1 .6
16380.	94.1	-46.7	172.4	172.4	-55.9	31.	0.0187	0.0187	0.1438	261.0	1 .6
16437.	93.3	-46.8	173.4	173.4	-56.0	31.	0.0185	0.0185	0.1425	261.0	1 .6
16502.	92.4	-46.8	174.7	174.7	-56.0	31.	0.0185	0.0185	0.1411	261.0	1 .6
16559.	91.6	-46.8	175.7	175.7	-56.0	31.	0.0185	0.0185	0.1397	261.0	1 .6
16616.	90.8	-46.8	176.7	176.7	-56.0	31.	0.0185	0.0185	0.1383	261.0	1 .6
16668.	90.1	-46.7	177.4	177.4	-55.9	31.	0.0187	0.0187	0.1370	261.0	1 .6
16728.	89.3	-47.0	177.7	177.7	-56.3	31.	0.0176	0.0176	0.1356	261.0	1 .6
16787.	88.5	-46.8	178.7	178.7	-56.1	31.	0.0184	0.0184	0.1341	261.0	1 .6
16847.	87.7	-46.7	181.7	181.7	-56.1	31.	0.0184	0.0184	0.1327	261.0	1 .6
16901.	87.0	-46.6	183.1	183.1	-56.0	31.	0.0186	0.0186	0.1314	261.0	1 .6
16962.	86.2	-46.6	184.8	184.8	-56.0	31.	0.0186	0.0186	0.1300	261.0	1 .6
17024.	85.4	-46.6	186.1	186.1	-56.0	31.	0.0186	0.0186	0.1286	261.0	1 .6
17078.	84.7	-46.6	187.8	187.8	-56.0	31.	0.0186	0.0186	0.1273	261.0	1 .6
17141.	83.9	-46.6	188.8	188.8	-56.0	31.	0.0186	0.0186	0.1259	261.0	1 .6
17197.	83.2	-46.6	190.1	190.1	-56.0	31.	0.0186	0.0186	0.1246	261.0	1 .6
17261.	82.4	-46.6	191.8	191.8	-56.0	31.	0.0186	0.0186	0.1232	261.0	1 .6
17326.	81.6	-46.6	193.1	193.1	-56.0	31.	0.0186	0.0186	0.1218	261.0	1 .6
17383.	80.9	-46.6	194.5	194.5	-56.0	31.	0.0186	0.0186	0.1205	261.0	1 .6
17449.	80.1	-46.6	195.8	195.8	-56.0	31.	0.0186	0.0186	0.1191	261.0	1 .6
17507.	79.4	-46.6	197.2	197.2	-56.0	31.	0.0186	0.0186	0.1178	261.0	1 .6
17566.	78.7	-46.6	198.6	198.6	-56.0	31.	0.0186	0.0186	0.1164	261.0	1 .6
17625.	78.0	-46.7	199.9	199.9	-56.1	31.	0.0184	0.0184	0.1151	261.0	1 .6
17680.	77.4	-46.8	201.1	201.1	-56.1	31.	0.0184	0.0184	0.1138	261.0	1 .6
17746.	76.6	-46.8	202.6	202.6	-56.1	31.	0.0184	0.0184	0.1124	261.0	1 .6
17807.	75.8	-46.8	203.9	203.9	-56.1	31.	0.0184	0.0184	0.1111	261.0	1 .6
17866.	75.3	-46.8	204.9	204.9	-56.1	31.	0.0184	0.0184	0.1098	261.0	1 .6
17922.	74.6	-46.8	206.2	206.2	-56.1	31.	0.0184	0.0184	0.1085	261.0	1 .6
17985.	73.8	-46.8	207.6	207.6	-56.1	31.	0.0184	0.0184	0.1071	261.0	1 .6
18044.	73.2	-46.8	208.8	208.8	-56.1	31.	0.0184	0.0184	0.1058	261.0	1 .6
18112.	72.5	-46.8	210.4	210.4	-56.1	31.	0.0184	0.0184	0.1045	261.0	1 .6
18176.	71.8	-46.8	211.8	211.8	-56.1	31.	0.0184	0.0184	0.1032	261.0	1 .6
18231.	71.2	-47.0	213.0	213.0	-56.3	31.	0.0178	0.0178	0.1019	261.0	1 .6
18297.	70.5	-46.9	214.4	214.4	-56.3	31.	0.0178	0.0178	0.1006	261.0	1 .6
18353.	69.9	-46.8	215.8	215.8	-56.1	31.	0.0184	0.0184	0.0993	261.0	1 .6
18410.	69.3	-46.6	217.4	217.4	-56.0	31.	0.0189	0.0189	0.0980	261.0	1 .6
18478.	68.6	-46.5	218.8	218.8	-55.9	31.	0.0191	0.0191	0.0967	261.0	1 .6
18536.	68.0	-46.4	220.1	220.1	-55.9	31.	0.0193	0.0193	0.0954	261.0	1 .6
18595.	67.4	-46.4	221.5	221.5	-55.9	31.	0.0193	0.0193	0.0941	261.0	1 .6
18654.	66.8	-46.4	222.8	222.8	-55.9	31.	0.0193	0.0193	0.0928	261.0	1 .6
18715.	66.2	-46.5	224.2	224.2	-56.0	31.	0.0191	0.0191	0.0915	261.0	1 .6
18775.	65.6	-46.5	225.6	225.6	-56.0	31.	0.0191	0.0191	0.0902	261.0	1 .6
18836.	65.0	-46.5	226.9	226.9	-56.0	31.	0.0191	0.0191	0.0889	261.0	1 .6
18898.	64.4	-46.5	228.3	228.3	-56.0	31.	0.0191	0.0191	0.0876	261.0	1 .6
18962.	63.8	-46.5	229.8	229.8	-56.0	31.	0.0191	0.0191	0.0863	261.0	1 .6
19012.	63.3	-46.5	231.1	231.1	-56.0	31.	0.0191	0.0191	0.0850	261.0	1 .6
19075.	62.7	-46.5	232.5	232.5	-56.0	31.	0.0191	0.0191	0.0837	261.0	1 .6
19138.	62.1	-46.5	233.8	233.8	-56.0	31.	0.0191	0.0191	0.0824	261.0	1 .6
19204.	61.5	-46.5	235.2	235.2	-56.0	31.	0.0191	0.0191	0.0811	261.0	1 .6
19269.	60.9	-46.5	236.6	236.6	-56.0	31.	0.0191	0.0191	0.0798	261.0	1 .6
19323.	60.4	-46.5	237.9	237.9	-56.0	31.	0.0191	0.0191	0.0785	261.0	1 .6
19389.	59.8	-46.5	239.3	239.3	-56.0	31.	0.0191	0.0191	0.0772	261.0	1 .6
19445.	59.3	-46.5	240.6	240.6	-56.0	31.	0.0191	0.0191	0.0759	261.0	1 .6
19512.	58.7	-46.5	242.0	242.0	-56.0	31.	0.0191	0.0191	0.0746	261.0	1 .6
19569.	58.2	-46.5	243.3	243.3	-56.0	31.	0.0191	0.0191	0.0733	261.0	1 .6
19634.	57.6	-46.5	244.7	244.7	-56.0	31.	0.0191	0.0191	0.0720	261.0	1 .6
19695.	57.1	-46.5	246.0	246.0	-56.0	31.	0.0191	0.0191	0.0707	261.0	1 .6
19765.	56.5	-46.5	247.4	247.4	-56.0	31.	0.0191	0.0191	0.0694	261.0	1 .6
19824.	56.0	-46.5	248.7	248.7	-56.0	31.	0.0191	0.0191	0.0681	261.0	1 .6
19883.	55.5	-46.5	250.1	250.1	-56.0	31.	0.0191	0.0191	0.0668	261.0	1 .6
19943.	55.0	-46.5	251.4	251.4	-56.0	31.	0.0191	0.0191	0.0655	261.0	1 .6
20004.	54.5	-46.5	252.8	252.8	-56.0	31.	0.0191	0.0191	0.0642	261.0	1 .6
20064.	54.0	-46.5	254.1	254.1	-56.0	31.	0.0191	0.0191	0.0629	261.0	1 .6
20126.	53.5	-46.5	255.5	255.5	-56.0	31.	0.0191	0.0191	0.0616	261.0	1 .6
20201.	52.9	-46.5	257.4	257.4	-56.0	31.	0.0191	0.0191	0.0603	261.0	1 .6
20264.	52.4	-46.5	258.8	258.8	-56.0	31.	0.0191	0.0191	0.0590	261.0	1 .6
20327.	51.9	-47.1	260.1	260.1	-56.6	31.	0.0174	0.0174	0.0577	261.0	1 .6
20378.	51.5	-47.2	261.0	261.0	-56.5	31.	0.0172	0.0172	0.0564	261.0	1 .6
20443.	51.0	-47.3	262.3	262.3	-56.6	31.	0.0170	0.0170	0.0551	261.0	1 .6
20508.	50.5	-47.5	263.7	263.7	-56.8	31.	0.0166	0.0166	0.0538	261.0	1 .6
20573.	50.0	-47.7	265.0	265.0	-57.0	31.	0.0162	0.0162	0.0525	261.0	1 .6
20640.	49.5	-47.1	266.4	266.4	-56.4	31.	0.0174	0.0174	0.0512	261.0	1 .6
20693.	49.1	-46.9	267.7	267.7	-56.2	31.	0.0178	0.0178	0.0499	261.0	1 .6
20761.	48.6	-46.9	269.1	269.1	-56.2	31.	0.0178	0.0178	0.0486	261.0	1 .6
20829.	48.1	-47.0	270.4	270.4	-56.3	31.	0.0176	0.0176	0.0473	261.0	1 .6
20885.	47.7	-47.2	271.5	271.5	-56.5	31.	0.0172	0.0172	0.0460	261.0	1 .6
20954.	47.2	-47.3	272.8	272.8	-56.6	31.	0.0170	0.0170	0.0447	261.0	1 .6
21010.	46.8	-47.4	274.0	274.0	-56.7	31.	0.0168	0.0168	0.0434	261.0	1 .6
21081.	46.3	-47.4	275.4	275.4	-56.7	31.	0.0168	0.0168	0.0421	261.0	1 .6
21153.	45.8	-47.5	276.7	276.7	-56.8	31.	0.0166	0.0166	0.0408	261.0	1 .6
21211.	45.4	-47.7	277.8	277.8	-57.0	31.	0.0162	0.0162	0.0395	261.0	1 .6
21284.	44.9	-47.7	279.2	279.2	-57.0	31.	0.0162	0.0162	0.0382	261.0	1 .6
21343.	44.5	-47.8	280.5	280.5	-57.0	31.	0.0164	0.0164	0.0369	261.0	1 .6

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
21422.	44.1	-47.4	276.4	276.5	-57.1	31.	0.0166	0.0150	0.0682	240.0	17.9
21477.	43.6	-48.3	277.2	277.1	-57.9	31.	0.0151	0.0151	0.0676	240.0	17.7
21538.	43.2	-48.7	277.5	277.5	-57.9	31.	0.0143	0.0144	0.0671	240.0	17.4
21599.	42.8	-49.1	278.1	278.1	-58.3	31.	0.0136	0.0134	0.0666	239.0	17.0
21661.	42.4	-49.4	278.7	278.7	-58.5	31.	0.0132	0.0133	0.0660	240.0	16.7
21738.	41.9	-49.7	279.4	279.4	-58.7	31.	0.0127	0.0128	0.0653	240.0	16.3
21801.	41.5	-49.9	280.0	280.0	-58.9	31.	0.0124	0.0125	0.0648	240.0	15.9
21864.	41.1	-50.1	280.6	280.6	-59.0	31.	0.0121	0.0122	0.0642	241.0	15.5
21928.	40.7	-50.3	281.2	281.2	-59.2	31.	0.0119	0.0121	0.0636	241.0	15.3

SOUNDING 62.C
LATITUDE -54.8 LONGITUDE -2.5
DATE 11-14-81 TIME 2338 GMT
NUMBER OF LEVELS 567

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	964.0	-0.3	1.7	1.7	-1.6	91.	0.3602	4.2777	1.2623	320.0	14.0
51.	957.3	-1.1	1.7	1.7	-2.1	91.	0.3426	4.1115	1.2564	320.0	13.8
102.	952.0	-1.4	1.8	1.8	-2.5	91.	0.3293	3.9743	1.2520	319.0	15.0
149.	946.3	-1.7	1.8	1.8	-2.8	91.	0.3180	3.8587	1.2480	319.0	16.2
198.	940.4	-2.0	1.9	1.9	-3.1	91.	0.3073	3.7513	1.2437	320.0	17.3
247.	934.4	-2.4	1.9	1.9	-3.5	91.	0.2953	3.5753	1.2317	321.0	18.2
296.	928.4	-2.8	1.9	1.9	-4.0	91.	0.2841	3.4241	1.2259	324.0	19.0
344.	922.4	-3.1	1.9	2.0	-4.3	91.	0.2737	3.4137	1.2147	323.0	19.4
393.	916.3	-3.4	1.9	2.0	-4.6	91.	0.2637	3.2927	1.2138	320.0	19.6
439.	911.7	-3.6	1.9	2.0	-4.8	91.	0.2567	3.2042	1.2082	319.0	19.8
486.	906.1	-4.1	1.9	2.0	-5.2	91.	0.2455	3.0635	1.2023	317.0	19.7
534.	900.6	-4.4	2.1	2.1	-5.5	91.	0.2366	2.9536	1.1957	316.0	19.6
582.	895.1	-4.7	2.2	2.2	-5.8	91.	0.2276	3.0522	1.1893	315.0	19.5
627.	889.4	-4.9	2.2	2.2	-6.0	91.	0.2201	3.0027	1.1827	314.0	19.4
675.	883.8	-5.1	2.2	2.2	-6.2	91.	0.2123	2.9540	1.1768	314.0	19.3
723.	878.2	-5.3	2.1	2.2	-6.4	91.	0.2045	2.9059	1.1704	314.0	19.2
770.	872.2	-5.7	2.0	2.1	-6.8	91.	0.1967	2.8120	1.1640	314.0	19.2
826.	865.8	-6.1	2.0	2.1	-7.2	91.	0.1880	2.7208	1.1595	314.0	19.1
874.	860.4	-6.4	2.0	2.1	-7.5	91.	0.1820	2.6542	1.1537	315.0	19.0
923.	854.9	-6.7	2.0	2.1	-7.8	91.	0.1758	2.5889	1.1476	315.0	18.9
972.	849.5	-7.0	2.0	2.1	-8.1	91.	0.1699	2.5254	1.1420	315.0	18.9
1018.	844.3	-7.2	2.0	2.1	-8.3	91.	0.1651	2.4837	1.1359	316.0	18.8
1067.	838.6	-7.5	2.0	2.1	-8.6	91.	0.1597	2.4224	1.1297	316.0	18.7
1117.	832.9	-7.8	2.0	2.1	-8.9	91.	0.1543	2.3624	1.1235	316.0	18.6
1167.	827.3	-8.1	2.0	2.1	-9.2	91.	0.1490	2.3038	1.1179	316.0	18.4
1212.	822.3	-8.4	2.0	2.1	-9.4	91.	0.1446	2.2655	1.1123	317.0	18.4
1259.	817.1	-8.5	2.1	2.2	-9.6	91.	0.1398	2.2277	1.1063	317.0	18.4
1309.	811.4	-8.8	2.2	2.2	-9.9	91.	0.1349	2.1722	1.1004	317.0	18.3
1360.	805.9	-9.2	2.4	2.4	-10.3	91.	0.1299	2.1061	1.0948	317.0	18.3
1411.	800.5	-9.5	2.6	2.6	-10.6	91.	0.1252	2.0474	1.0888	317.0	18.2
1456.	795.8	-9.8	2.8	2.8	-10.9	91.	0.1211	1.9960	1.0838	317.0	18.1
1502.	791.0	-10.0	3.0	3.0	-11.1	91.	0.1170	1.9623	1.0780	317.0	18.0
1552.	785.6	-10.3	3.3	3.3	-11.3	91.	0.1126	1.9292	1.0718	317.0	17.8
1596.	780.7	-10.5	3.5	3.6	-11.6	91.	0.1088	1.8884	1.0665	317.0	17.8
1645.	775.2	-10.7	3.8	3.8	-11.8	91.	0.1047	1.8496	1.0609	318.0	17.7
1691.	770.1	-11.1	3.8	3.8	-12.1	91.	0.1009	1.7863	1.0561	318.0	17.7
1741.	764.5	-11.4	3.9	3.9	-12.4	91.	0.0968	1.7400	1.0503	318.0	17.6
1786.	759.5	-11.7	3.9	3.9	-12.7	91.	0.0931	1.6965	1.0450	317.0	17.6
1839.	753.6	-11.9	3.9	3.9	-12.9	91.	0.0892	1.6675	1.0389	317.0	17.5
1886.	748.4	-12.1	3.9	3.9	-13.1	91.	0.0860	1.6389	1.0333	317.0	17.5
1937.	742.8	-12.2	3.9	3.9	-13.2	91.	0.0826	1.6247	1.0269	317.0	17.3
1988.	737.2	-12.5	3.9	3.9	-13.5	91.	0.0793	1.5831	1.0212	317.0	17.3
2038.	731.9	-12.8	3.9	3.9	-13.8	91.	0.0762	1.5424	1.0156	316.0	17.2
2089.	726.6	-13.1	3.9	3.9	-14.1	91.	0.0732	1.5026	1.0099	316.0	17.0
2146.	720.2	-13.4	3.9	3.9	-14.4	91.	0.0698	1.4638	1.0036	316.0	17.0
2200.	714.9	-13.7	3.9	3.9	-14.7	91.	0.0668	1.4259	0.9976	316.0	16.9
2252.	709.8	-13.9	3.9	3.9	-14.9	91.	0.0641	1.4011	0.9915	316.0	17.0
2301.	705.1	-14.1	4.0	4.0	-15.1	91.	0.0616	1.3888	0.9855	316.0	16.9
2349.	700.5	-14.3	4.0	4.0	-15.3	91.	0.0592	1.3527	0.9804	316.0	16.8
2399.	695.7	-14.6	4.0	4.0	-15.6	91.	0.0567	1.3174	0.9751	317.0	16.7
2447.	691.1	-14.9	4.0	4.0	-15.9	91.	0.0543	1.2831	0.9699	317.0	16.6
2496.	686.3	-15.2	4.0	4.0	-16.2	91.	0.0519	1.2498	0.9646	317.0	16.6
2551.	680.8	-15.5	4.0	4.0	-16.5	91.	0.0494	1.2166	0.9589	318.0	16.6
2602.	676.5	-15.8	4.0	4.0	-16.8	91.	0.0473	1.1845	0.9535	318.0	16.6
2655.	671.6	-16.2	4.0	4.0	-17.2	91.	0.0451	1.1532	0.9483	319.0	16.6
2710.	666.5	-16.6	4.0	4.0	-17.6	91.	0.0429	1.1027	0.9428	320.0	16.7
2763.	661.8	-16.9	4.0	4.0	-17.9	91.	0.0409	1.0736	0.9372	321.0	16.7
2812.	657.4	-17.2	4.0	4.0	-18.2	91.	0.0390	1.0457	0.9321	321.0	16.7
2861.	653.0	-17.5	4.0	4.0	-18.5	91.	0.0372	1.0171	0.9271	322.0	16.8
2909.	648.8	-17.7	4.0	4.0	-18.7	91.	0.0355	1.0000	0.9219	323.0	16.8
2958.	644.5	-18.0	4.0	4.0	-19.0	91.	0.0338	0.9723	0.9170	323.0	16.9
3008.	640.2	-18.3	4.0	4.0	-19.3	91.	0.0322	0.9461	0.9121	324.0	17.0
3055.	636.2	-18.6	4.0	4.0	-19.6	91.	0.0307	0.9206	0.9074	325.0	17.0
3102.	632.2	-18.9	4.0	4.0	-19.9	91.	0.0293	0.8958	0.9027	325.0	16.9
3150.	628.1	-19.2	4.0	4.0	-20.2	91.	0.0279	0.8716	0.8977	326.0	17.0
3199.	624.0	-19.5	4.0	4.0	-20.5	91.	0.0266	0.8481	0.8928	326.0	17.0
3249.	619.8	-19.7	4.1	4.1	-20.7	91.	0.0253	0.8325	0.8875	326.0	16.9
3300.	615.7	-20.0	4.1	4.1	-21.0	91.	0.0242	0.8099	0.8825	326.0	16.8
3351.	611.6	-20.3	4.1	4.1	-21.3	91.	0.0231	0.7879	0.8776	326.0	16.8
3402.	607.5	-20.6	4.1	4.1	-21.6	91.	0.0220	0.7662	0.8724	326.0	16.8
3455.	603.4	-21.0	4.1	4.1	-22.0	91.	0.0210	0.7384	0.8675	326.0	16.7
3508.	599.2	-21.3	4.2	4.2	-22.3	91.	0.0201	0.7181	0.8623	326.0	16.7
3558.	595.1	-21.7	4.2	4.2	-22.7	91.	0.0192	0.6918	0.8578	326.0	16.5
3605.	591.1	-22.0	4.2	4.2	-23.0	91.	0.0183	0.6727	0.8533	326.0	16.4
3658.	586.9	-22.3	4.2	4.2	-23.3	91.	0.0175	0.6540	0.8482	326.0	16.5
3711.	582.9	-22.5	4.2	4.2	-23.5	91.	0.0168	0.6410	0.8427	326.0	16.4
3763.	578.9	-22.7	4.2	4.2	-23.7	91.	0.0161	0.6239	0.8374	326.0	16.3
3816.	574.8	-22.9	4.2	4.2	-23.9	91.	0.0154	0.6101	0.8321	326.0	16.2
3867.	570.9	-23.2	4.2	4.2	-24.2	91.	0.0147	0.5952	0.8278	326.0	16.2
3917.	567.1	-23.4	4.2	4.2	-24.4	91.	0.0141	0.5677	0.8236	326.0	16.1
3965.	563.4	-24.0	4.2	4.2	-25.1	91.	0.0135	0.5465	0.8190	326.0	16.2
4013.	559.4	-24.4	4.2	4.2	-25.4	91.	0.0129	0.5311	0.8151	327.0	16.1
4063.	555.6	-24.6	4.2	4.2	-25.8	91.	0.0123	0.5134	0.8110	326.0	16.2
4114.	551.7	-25.3	4.2	4.2	-26.2	91.	0.0118	0.4919	0.8068	326.0	16.3
4160.	548.2	-25.6	4.2	4.2	-26.5	91.	0.0113	0.4773	0.8022	326.0	16.3
4209.	544.4	-25.9	4.2	4.2	-26.8	91.	0.0108	0.4643	0.7978	326.0	16.4
4260.	540.6	-26.2	4.2	4.2	-27.2	91.	0.0103	0.4466	0.7934	326.0	16.4
4314.	536.7	-26.6	4.2	4.2	-27.7	91.	0.0098	0.4255	0.7891	326.0	16.5
4372.	532.8	-27.2	4.2	4.2	-28.1	91.	0.0093	0.4092	0.7940	326.0	16.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO* (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
4432.	548.6	-27.7	18.2	18.3	-28.6	91.	0.4397	0.3897	0.7790	280.0	16.8
4491.	544.1	-28.2	18.3	18.4	-29.1	91.	0.4178	0.3710	0.7742	279.0	16.9
4553.	539.4	-28.8	18.3	18.4	-29.7	91.	0.3928	0.3497	0.7694	279.0	17.0
4611.	535.1	-29.3	18.4	18.5	-30.2	91.	0.3731	0.3327	0.7648	278.0	17.0
4668.	530.8	-29.8	18.5	18.5	-30.7	91.	0.3542	0.3166	0.7602	278.0	17.1
4722.	526.8	-30.4	18.4	18.4	-31.3	91.	0.3328	0.2981	0.7563	278.0	17.2
4774.	522.9	-30.9	18.4	18.5	-31.8	91.	0.3158	0.2835	0.7522	277.0	17.3
4827.	519.0	-30.8	19.1	19.2	-31.7	91.	0.3191	0.2864	0.7463	277.0	17.4
4880.	515.2	-30.8	19.6	19.7	-31.8	91.	0.3158	0.2835	0.7412	277.0	17.5
4931.	511.5	-31.2	19.5	19.6	-32.1	91.	0.3060	0.2751	0.7367	277.0	17.5
4982.	507.8	-31.6	20.0	20.0	-32.5	91.	0.2934	0.2642	0.7326	277.0	17.6
5036.	503.9	-32.1	20.0	20.1	-33.0	91.	0.2783	0.2511	0.7285	277.0	17.7
5094.	499.8	-32.5	20.2	20.3	-33.4	91.	0.2667	0.2411	0.7237	277.0	17.8
5147.	496.0	-33.0	20.2	20.3	-33.9	91.	0.2529	0.2290	0.7197	277.0	18.0
5201.	492.2	-33.4	20.4	20.5	-34.3	91.	0.2423	0.2198	0.7154	277.0	18.1
5253.	488.6	-33.9	20.4	20.5	-34.8	91.	0.2307	0.2088	0.7116	277.0	18.2
5309.	484.7	-34.4	20.5	20.5	-35.3	91.	0.2176	0.1982	0.7074	277.0	18.3
5365.	480.8	-34.8	20.7	20.7	-35.7	91.	0.2084	0.1902	0.7029	278.0	18.4
5419.	477.1	-34.6	21.5	21.6	-35.5	91.	0.2130	0.1942	0.6969	278.0	18.5
5472.	473.5	-34.5	22.7	22.7	-35.1	91.	0.2224	0.2024	0.6905	278.0	18.7
5522.	470.1	-33.7	23.9	24.0	-34.6	91.	0.2346	0.2131	0.6841	278.0	18.8
5576.	466.5	-33.1	25.3	25.4	-34.0	91.	0.2502	0.2267	0.6772	279.0	18.8
5628.	463.1	-32.7	26.4	26.5	-33.6	91.	0.2611	0.2361	0.6712	279.0	18.8
5678.	459.8	-32.6	26.9	27.0	-33.7	91.	0.2583	0.2337	0.6667	279.0	18.8
5727.	456.6	-32.8	27.5	27.6	-33.7	91.	0.2583	0.2337	0.6620	279.0	18.8
5778.	453.3	-32.8	28.1	28.2	-33.7	91.	0.2583	0.2337	0.6572	280.0	18.7
5825.	450.1	-32.8	28.8	28.8	-33.7	91.	0.2583	0.2337	0.6526	279.0	18.6
5878.	446.9	-32.8	29.4	29.4	-33.7	91.	0.2583	0.2337	0.6480	280.0	18.5
5928.	443.7	-32.8	30.0	30.1	-33.7	91.	0.2583	0.2337	0.6433	280.0	18.5
5974.	440.6	-32.8	30.6	30.6	-33.7	91.	0.2583	0.2337	0.6391	280.0	18.4
6021.	437.9	-33.1	30.9	30.9	-33.9	91.	0.2526	0.2290	0.6354	281.0	18.3
6069.	434.9	-33.4	31.2	31.3	-34.1	91.	0.2475	0.2243	0.6316	281.0	18.2
6119.	431.8	-33.4	31.6	31.7	-34.3	91.	0.2423	0.2198	0.6276	281.0	18.1
6173.	428.5	-33.5	31.7	31.8	-34.4	91.	0.2321	0.2109	0.6239	282.0	18.2
6227.	425.2	-34.2	31.9	32.0	-35.1	91.	0.2223	0.2023	0.6201	282.0	18.1
6280.	422.0	-34.5	32.2	32.2	-35.4	91.	0.2152	0.1961	0.6162	282.0	18.0
6331.	418.9	-34.6	32.4	32.5	-35.7	91.	0.2084	0.1901	0.6124	282.0	17.9
6381.	415.9	-35.1	32.6	32.9	-35.9	91.	0.2039	0.1862	0.6086	282.0	17.8
6434.	413.0	-34.9	33.6	33.6	-35.8	91.	0.2061	0.1881	0.6041	282.0	17.8
6477.	410.6	-35.0	34.2	34.1	-35.9	91.	0.2035	0.1862	0.6002	282.0	17.7
6523.	407.5	-35.1	34.5	34.5	-36.0	91.	0.2017	0.1843	0.5965	282.0	17.7
6558.	405.5	-35.2	34.8	34.8	-36.1	91.	0.1995	0.1823	0.5938	282.0	17.6
6594.	403.4	-35.2	35.2	35.3	-36.1	91.	0.1995	0.1823	0.5908	282.0	17.4
6630.	401.3	-35.2	35.6	35.6	-36.2	91.	0.1974	0.1804	0.5879	281.0	17.3
6668.	399.1	-35.5	35.8	35.8	-36.4	91.	0.1931	0.1767	0.5852	281.0	17.3
6710.	396.7	-35.8	36.0	36.0	-36.7	91.	0.1900	0.1712	0.5824	281.0	17.1
6752.	394.3	-36.1	36.1	36.1	-37.0	91.	0.1838	0.1659	0.5796	281.0	17.0
6798.	391.7	-36.3	36.4	36.5	-37.2	91.	0.1769	0.1625	0.5763	281.0	16.9
6841.	389.3	-36.4	36.1	36.9	-37.3	91.	0.1750	0.1607	0.5730	281.0	17.1
6885.	386.8	-36.4	37.3	37.3	-37.4	91.	0.1731	0.1591	0.5695	280.0	17.0
6928.	384.4	-36.5	37.8	37.9	-37.4	91.	0.1731	0.1591	0.5660	280.0	16.9
6973.	381.9	-36.6	38.3	38.3	-37.5	91.	0.1712	0.1574	0.5626	280.0	16.7
7017.	379.6	-36.8	38.4	38.5	-37.9	91.	0.1656	0.1525	0.5597	280.0	16.6
7059.	377.2	-37.1	38.7	38.7	-38.0	91.	0.1620	0.1493	0.5568	280.0	16.4
7103.	374.6	-37.3	39.0	39.1	-38.1	91.	0.1585	0.1461	0.5537	280.0	16.5
7142.	372.7	-37.6	39.1	39.2	-38.4	91.	0.1533	0.1415	0.5513	280.0	16.5
7182.	370.5	-37.8	39.4	39.4	-38.6	91.	0.1498	0.1385	0.5485	280.0	16.3
7225.	368.0	-38.0	39.6	39.6	-38.8	91.	0.1456	0.1356	0.5460	280.0	16.5
7257.	366.3	-38.2	39.8	39.9	-39.0	91.	0.1434	0.1327	0.5435	280.0	16.6
7296.	364.4	-38.5	40.2	40.2	-39.1	91.	0.1418	0.1313	0.5407	280.0	16.6
7338.	362.2	-38.6	40.7	40.8	-39.1	91.	0.1418	0.1313	0.5374	280.0	16.6
7378.	360.1	-38.6	41.0	41.1	-39.2	91.	0.1387	0.1285	0.5347	281.0	16.7
7416.	358.1	-38.7	41.2	41.3	-39.2	91.	0.1356	0.1258	0.5322	282.0	16.6
7453.	356.2	-38.8	41.5	41.5	-39.3	91.	0.1341	0.1244	0.5296	282.0	16.6
7489.	354.4	-38.9	41.9	42.0	-39.4	91.	0.1326	0.1231	0.5270	282.0	16.7
7526.	352.4	-39.1	42.1	42.2	-39.6	91.	0.1297	0.1205	0.5246	283.0	16.7
7565.	350.4	-39.3	42.4	42.4	-40.1	91.	0.1268	0.1179	0.5221	284.0	16.9
7602.	348.5	-39.4	42.7	42.8	-40.2	91.	0.1254	0.1166	0.5195	284.0	16.9
7637.	346.7	-39.4	43.0	43.0	-40.2	91.	0.1254	0.1166	0.5168	285.0	17.1
7671.	344.9	-39.5	43.4	43.4	-40.4	91.	0.1226	0.1141	0.5147	285.0	17.2
7709.	342.9	-39.6	43.6	43.7	-40.6	91.	0.1198	0.1117	0.5123	286.0	17.3
7749.	341.1	-40.0	43.8	43.9	-40.8	91.	0.1172	0.1093	0.5098	286.0	17.5
7787.	339.3	-39.9	44.0	44.0	-40.8	91.	0.1198	0.1117	0.5066	286.0	17.8
7821.	337.5	-40.1	45.1	45.1	-40.6	91.	0.1198	0.1117	0.5040	286.0	18.0
7857.	335.7	-40.2	45.4	45.4	-40.8	91.	0.1198	0.1117	0.5013	286.0	18.2
7896.	333.8	-40.3	46.1	46.1	-40.6	91.	0.1198	0.1117	0.4984	285.0	18.4
7937.	331.8	-39.7	46.6	46.6	-40.5	91.	0.1212	0.1129	0.4952	285.0	18.6
7976.	329.8	-39.7	47.2	47.4	-40.5	91.	0.1212	0.1129	0.4922	285.0	18.6
8015.	327.8	-39.8	47.7	47.7	-40.5	91.	0.1198	0.1117	0.4898	285.0	18.9
8056.	325.8	-39.7	48.4	48.4	-40.5	91.	0.1212	0.1129	0.4866	284.0	19.2
8097.	324.1	-39.6	49.1	49.1	-40.4	91.	0.1226	0.1141	0.4835	283.0	19.3
8136.	322.2	-39.6	49.8	49.8	-40.4	91.	0.1253	0.1166	0.4803	283.0	19.5
8176.	320.4	-39.6	50.7	50.7	-40.4	91.	0.1282	0.1192	0.4772	282.0	19.5
8217.	318.5	-39.6	51.5	51.5	-40.4	91.	0.1282	0.1192	0.4744	281.0	19.5
8258.	316.6	-39.6	51.7	51.7	-40.4	91.	0.1268	0.1179	0.4717	281.0	19.6
8298.	314.8	-39.6	51.9	51.9	-40.4	91.	0.1239	0.1154	0.4695	280.0	19.7
8338.	313.0	-39.6	52.3	52.3	-40.4	91.	0.1253	0.1166	0.4664	280.0	19.8
8375.	311.2	-39.5	53.2	53.3	-40.1	91.	0.1268	0.1179	0.4637	279.0	19.8
8415.	309.5	-39.1	54.1	54.1	-39.8	91.	0.1296	0.1205	0.4608	279.0	19.8
8457.	307.5	-39.1	54.6	54.7	-39.9	91.	0.1296	0.1204	0.4578	279.0	19.8
8497.	305.7	-39.0	54.9	55.0	-40.1	91.	0.1268	0.1179	0.4555	279.0	19.7
8537.	303.9	-39.1	55.2	55.3	-40.3	91.	0.1239	0.1153	0.4532	279.0	19.7
8576.	302.1	-39.4	55.6	55.6	-40.4	91.	0.1225	0.1141	0.4507	278.0	19.6
8616.	300.2	-39.5	56.0	56.0	-40.6	91.	0.1198	0.1116	0.4483	278.0	19.6
8654.	298.4	-40.0	56.2	56.3	-40.8	91.	0.1171	0.1092	0.4458	278.0	19.4
8700.	296.2	-40.0	56.8	56.8	-41.0	91.	0.1144	0.1068	0.4435	279.0	19.3
8740.	294.8	-39.9	57.4	57.5	-40.7	91.	0.1185	0.1104	0.4404	279.0	19.1
8784.	293.1	-39.9	57.9	58.0	-40.4	91.	0.1225	0.1141	0.4373	279.0	18.9
8824.	291.4	-39.9	58.3	58.3	-40.2	91.	0.1253	0.1166	0.4344	279.0	18.7
8862.	289.8	-39.9	58.7	58.8	-40.2	91.	0.1253	0.1166	0.4320	280.0	18.5
8900.	288.2	-39.9	59.1	59.2	-40.2	91.	0.1253	0.1166	0.4296	280.0	18.4
8937.	286.6	-39.8	61.1	61.1	-40.1	91.	0.1267	0.1179	0.4271	281.0	18.2
8974.	285.0	-39.1	61.5	61.5	-39.8	91.	0.1296	0.1204	0.4243	281.0	18.1
9014.	283.4	-39.1	62.2	62.2	-40.0	91.	0.1282	0.1191	0.4221	281.0	17.8
9052.	281.8	-39.1	62.6	62.6	-40.0	91.	0.1282	0.1191	0.4197	282.0	17.8
9090.	280.3	-39.1	63.0	63.0	-40.0	91.	0.1282	0.1191	0.4175	282.0	17.6
9129.	278.7	-39.1	63.7	63.7	-40.1	91.	0.1267	0.1178	0.4153	282.0	17.4
9166.	277.2	-39.1	64.1	64.1	-40.0	91.	0.1253	0.1166	0.4132	282.0	17.2
9203.	275.7	-39.0	64.4	64.5	-40.0	91.	0.1239	0.1153	0.4112	283.0	17.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
9242.	274.1	-39.6	64.9	64.9	-40.4	91.	0.1225	0.1141	0.4090	283.0	16.6
9280.	272.6	-39.6	65.4	65.4	-40.4	91.	0.1225	0.1141	0.4067	282.0	16.7
9320.	271.0	-39.5	66.1	66.2	-40.3	91.	0.1238	0.1153	0.4042	282.0	16.4
9361.	269.4	-39.5	66.7	66.7	-40.3	91.	0.1239	0.1153	0.4018	282.0	16.2
9404.	267.7	-39.6	67.1	67.2	-40.4	91.	0.1225	0.1141	0.3994	282.0	16.0
9442.	266.2	-39.6	67.7	67.8	-40.4	91.	0.1225	0.1141	0.3972	282.0	15.7
9486.	264.5	-39.7	68.2	68.2	-40.5	91.	0.1212	0.1129	0.3948	281.0	15.5
9530.	262.8	-39.7	68.8	68.9	-40.5	91.	0.1212	0.1129	0.3923	281.0	15.4
9574.	261.1	-39.7	69.4	69.5	-40.5	91.	0.1211	0.1128	0.3897	281.0	15.3
9619.	259.4	-39.7	70.1	70.1	-40.5	91.	0.1211	0.1128	0.3872	281.0	15.1
9658.	257.9	-39.8	70.5	70.6	-40.6	91.	0.1198	0.1116	0.3851	281.0	15.1
9701.	256.3	-40.0	70.8	70.9	-40.8	91.	0.1171	0.1092	0.3831	281.0	14.9
9738.	254.9	-40.1	71.2	71.3	-40.9	91.	0.1158	0.1080	0.3811	280.0	14.8
9776.	253.5	-40.2	71.6	71.7	-41.0	91.	0.1145	0.1069	0.3792	280.0	14.6
9816.	252.0	-40.2	72.2	72.2	-41.0	91.	0.1145	0.1069	0.3770	280.0	15.0
9854.	250.6	-40.2	72.7	72.8	-41.0	91.	0.1145	0.1069	0.3749	280.0	15.0
9895.	249.1	-40.3	73.2	73.2	-41.1	91.	0.1132	0.1057	0.3728	280.0	15.1
9936.	247.6	-40.4	73.8	73.7	-41.2	91.	0.1119	0.1046	0.3707	280.0	15.2
9975.	246.2	-40.5	74.2	74.1	-41.3	91.	0.1106	0.1034	0.3688	280.0	15.3
10011.	244.9	-40.5	74.6	74.6	-41.3	91.	0.1106	0.1034	0.3668	280.0	15.5
10050.	243.5	-40.6	75.2	75.2	-41.4	91.	0.1094	0.1023	0.3649	281.0	15.8
10089.	242.1	-40.6	75.6	75.6	-41.4	91.	0.1094	0.1023	0.3628	280.0	15.8
10128.	240.7	-40.6	76.1	76.2	-41.4	91.	0.1094	0.1023	0.3607	281.0	16.1
10171.	239.2	-40.6	76.8	76.8	-41.4	91.	0.1084	0.1013	0.3584	281.0	16.3
10208.	237.8	-40.7	77.2	77.2	-41.5	91.	0.1084	0.1012	0.3566	280.0	16.4
10248.	236.3	-40.8	77.8	77.7	-41.6	91.	0.1069	0.1001	0.3547	280.0	16.7
10288.	235.1	-40.8	78.2	78.2	-41.6	91.	0.1069	0.1001	0.3526	280.0	17.1
10329.	233.7	-41.0	78.8	78.8	-41.8	91.	0.1045	0.0978	0.3508	280.0	17.2
10369.	232.3	-41.0	79.1	79.1	-41.8	91.	0.1045	0.0978	0.3487	279.0	17.4
10411.	231.0	-41.0	79.8	79.8	-41.7	91.	0.1057	0.0990	0.3464	279.0	17.6
10452.	229.5	-41.1	80.3	80.4	-41.8	91.	0.1045	0.0979	0.3445	278.0	17.7
10493.	228.1	-41.1	80.8	80.8	-41.9	91.	0.1033	0.0968	0.3425	277.0	17.8
10532.	226.8	-41.2	81.2	81.3	-42.0	91.	0.1022	0.0958	0.3407	276.0	18.1
10571.	225.5	-41.3	81.7	81.7	-42.1	91.	0.1010	0.0947	0.3389	275.0	18.2
10610.	224.2	-41.3	81.9	82.0	-42.1	91.	0.0987	0.0927	0.3372	274.0	18.4
10650.	222.9	-41.4	82.2	82.3	-42.2	91.	0.0965	0.0906	0.3355	274.0	18.6
10689.	221.6	-41.5	82.6	82.7	-42.3	91.	0.0954	0.0896	0.3338	273.0	18.7
10729.	220.4	-41.5	82.9	82.9	-42.3	91.	0.0953	0.0895	0.3322	272.0	18.8
10769.	219.3	-41.8	83.7	83.8	-42.6	91.	0.0954	0.0896	0.3303	272.0	19.0
10797.	218.1	-41.6	84.6	84.6	-42.4	91.	0.0976	0.0916	0.3282	272.0	19.0
10840.	216.7	-41.4	85.5	85.5	-42.2	91.	0.0997	0.0937	0.3264	271.0	19.1
10878.	215.5	-41.4	86.1	86.2	-42.2	91.	0.0998	0.0937	0.3240	271.0	19.2
10916.	214.3	-41.4	86.7	86.7	-42.2	91.	0.0998	0.0937	0.3222	271.0	19.2
10954.	213.1	-41.5	87.4	87.5	-42.3	91.	0.1010	0.0947	0.3203	271.0	19.2
10990.	211.9	-41.6	88.1	88.2	-42.4	91.	0.1021	0.0956	0.3183	271.0	19.2
11031.	210.7	-41.7	88.6	88.6	-42.4	91.	0.1010	0.0947	0.3167	271.0	19.2
11068.	209.5	-41.4	89.2	89.1	-42.2	91.	0.0998	0.0937	0.3150	270.0	19.1
11107.	208.3	-41.4	89.7	89.7	-42.2	91.	0.0998	0.0937	0.3132	270.0	19.0
11144.	207.2	-41.5	90.1	90.1	-42.3	91.	0.0987	0.0926	0.3117	270.0	18.9
11184.	206.0	-41.5	90.7	90.7	-42.3	91.	0.0987	0.0926	0.3099	270.0	18.7
11226.	204.7	-41.6	91.1	91.2	-42.4	91.	0.0976	0.0916	0.3081	269.0	18.4
11266.	203.5	-41.6	91.7	91.8	-42.4	91.	0.0976	0.0916	0.3063	269.0	18.2
11306.	202.4	-41.6	92.4	92.4	-42.4	91.	0.0987	0.0926	0.3045	269.0	18.1
11342.	201.3	-41.6	92.8	92.8	-42.4	91.	0.0976	0.0916	0.3029	269.0	17.9
11384.	200.0	-41.6	93.2	93.3	-42.4	91.	0.0954	0.0896	0.3012	269.0	17.7
11424.	198.8	-41.6	93.7	93.7	-42.4	91.	0.0943	0.0886	0.2996	269.0	17.5
11465.	197.6	-42.0	94.2	94.2	-42.8	91.	0.0932	0.0877	0.2979	269.0	17.4
11510.	196.3	-42.1	94.7	94.8	-42.9	91.	0.0921	0.0867	0.2961	269.0	17.2
11550.	195.0	-42.2	95.2	95.3	-43.0	91.	0.0911	0.0857	0.2942	269.0	17.1
11590.	193.8	-42.4	95.6	95.6	-43.2	91.	0.0890	0.0838	0.2927	269.0	16.9
11630.	192.6	-42.5	96.1	96.1	-43.3	91.	0.0880	0.0829	0.2911	269.0	16.8
11668.	191.3	-42.6	96.6	96.7	-43.4	91.	0.0869	0.0819	0.2891	269.0	16.6
11708.	190.1	-42.6	97.1	97.2	-43.4	91.	0.0869	0.0819	0.2871	269.0	16.4
11750.	188.9	-42.6	97.5	97.6	-43.4	91.	0.0869	0.0819	0.2853	269.0	16.3
11790.	187.7	-42.6	98.0	98.1	-43.4	91.	0.0869	0.0819	0.2834	269.0	16.1
11830.	186.5	-42.6	98.4	98.5	-43.4	91.	0.0869	0.0819	0.2815	269.0	15.9
11870.	185.2	-42.6	98.9	98.9	-43.4	91.	0.0869	0.0819	0.2796	269.0	15.7
11917.	184.0	-42.5	99.4	99.4	-43.3	91.	0.0880	0.0829	0.2779	269.0	15.5
11960.	182.8	-42.7	99.8	99.8	-43.5	91.	0.0858	0.0809	0.2760	269.0	15.3
12019.	181.2	-42.7	100.3	100.4	-43.7	91.	0.0837	0.0789	0.2737	269.0	15.1
12057.	180.0	-43.1	100.7	100.8	-44.1	91.	0.0816	0.0769	0.2718	269.0	14.9
12098.	178.8	-43.2	101.2	101.3	-44.2	91.	0.0806	0.0759	0.2699	269.0	14.7
12139.	177.6	-43.4	101.6	101.7	-44.2	91.	0.0795	0.0749	0.2680	269.0	14.5
12181.	176.4	-43.4	102.1	102.2	-44.4	91.	0.0795	0.0749	0.2661	269.0	14.3
12222.	175.2	-43.5	102.5	102.6	-44.5	91.	0.0784	0.0739	0.2642	269.0	14.1
12264.	174.0	-43.6	103.0	103.1	-44.6	91.	0.0774	0.0729	0.2623	269.0	13.9
12305.	172.8	-43.7	103.4	103.5	-44.7	91.	0.0763	0.0719	0.2604	269.0	13.7
12347.	171.6	-43.8	103.9	104.0	-44.8	91.	0.0753	0.0709	0.2585	269.0	13.5
12388.	170.4	-43.9	104.3	104.4	-44.9	91.	0.0742	0.0699	0.2566	269.0	13.3
12430.	169.2	-44.0	104.8	104.9	-45.0	91.	0.0732	0.0689	0.2547	269.0	13.1
12471.	168.0	-44.1	105.2	105.3	-45.1	91.	0.0721	0.0679	0.2528	269.0	12.9
12513.	166.8	-44.2	105.7	105.8	-45.2	91.	0.0711	0.0669	0.2509	269.0	12.7
12554.	165.6	-44.3	106.1	106.2	-45.3	91.	0.0700	0.0659	0.2490	269.0	12.5
12596.	164.4	-44.4	106.6	106.7	-45.4	91.	0.0690	0.0649	0.2471	269.0	12.3
12637.	163.2	-44.5	107.0	107.1	-45.5	91.	0.0679	0.0639	0.2452	269.0	12.1
12679.	162.0	-44.6	107.5	107.6	-45.6	91.	0.0669	0.0629	0.2433	269.0	11.9
12720.	160.8	-44.7	107.9	108.0	-45.7	91.	0.0658	0.0619	0.2414	269.0	11.7
12762.	159.6	-44.8	108.4	108.5	-45.8	91.	0.0648	0.0609	0.2395	269.0	11.5
12803.	158.4	-44.9	108.8	108.9	-45.9	91.	0.0637	0.0599	0.2376	269.0	11.3
12845.	157.2	-45.0	109.3	109.4	-46.0	91.	0.0627	0.0589	0.2357	269.0	11.1
12886.	156.0	-45.1	109.7	109.8	-46.1	91.	0.0616	0.0579	0.2338	269.0	10.9
12928.	154.8	-45.2	110.2	110.3	-46.2	91.	0.0606	0.0569	0.2319	269.0	10.7
12969.	153.6	-45.3	110.6	110.7	-46.3	91.	0.0595	0.0559	0.2300	269.0	10.5
13011.	152.4	-45.4	111.1	111.2	-46.4	91.	0.0585	0.0549	0.2281	269.0	10.3
13052.	151.2	-45.5	111.5	111.6	-46.5	91.	0.0574	0.0539	0.2262	269.0	10.1
13094.	150.0	-45.6	112.0	112.1	-46.6	91.	0.0564	0.0529	0.2243	269.0	9.9
13135.	148.8	-45.7	112.4	112.5	-46.7	91.	0.0553	0.0519	0.2224	269.0	9.7
13177.	147.6	-45.8	112.9	113.0	-46.8	91.	0.0543	0.0509	0.2205	269.0	9.5
13218.	146.4	-45.9	113.3	113.4	-46.9	91.	0.0532	0.0499	0.2186	269.0	9.3
13260.	145.2	-46.0	113.8	113.9	-47.0	91.	0.0522	0.0489	0.2167	269.0	9.1
13301.	144.0	-46.1	114.2	114.3	-47.1	91.	0.0511	0.0479	0.2148	269.0	8.9
13343.	142.8	-46.2	114.7	114.8	-47.2	91.	0.0501	0.0469	0.2129	269.0	8.7
13384.	141.6	-46.3	115.1	115.2	-47.3	91.	0.0490	0.0459	0.2110	269.0	8.5
13426.	140.4	-46.4	115.6	115.7	-47.4	91.	0.0480	0.0449	0.2091	269.0	8.3
13467.	139.2	-46.5	116.0	116.1	-47.5	91.	0.0469	0.0439	0.2072	269.0	8.1
13509.	138.0	-46.6	116.5	116.6	-47.6	91.	0.0459	0.0429	0.2053	269.0	7.9
13550.	136.8	-46.7	116.9	117.0	-47.7	91.	0.0448	0.0419	0.2034	269.0	7.7
13592.	135.6	-46.8	117.4	117.5	-47.8	91.	0.0438	0.0409	0.2015	269.0	7.5
13633.	134.4	-46.9	117.8	117.9	-47.9	91.	0.0427	0.0399	0.1996	269.0	7.3
13675.	133.2	-47.0	118.3	118.4	-48.0	91.	0.0417	0.0389	0.1977	269.0	7.1
13716.	132.0	-47.1	118.7	118.8	-48.1	91.	0.0406	0.0379	0.1958	269.0	6.9
13757.	130.8	-47.2	119.2	119.3	-48.2	91.	0.0396	0.0369	0.1939	269.0	6.7

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOA (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13775.	139.9	-45.8	125.6	125.6	-46.6	91.	0.0597	0.0571	0.2144	256.0	15.0
13813.	139.1	-45.7	126.4	126.5	-46.5	91.	0.0604	0.0578	0.2131	256.0	15.0
13851.	138.3	-45.7	127.1	127.1	-46.5	91.	0.0604	0.0578	0.2119	255.0	15.2
13890.	137.5	-45.6	127.9	128.0	-46.4	91.	0.0611	0.0584	0.2106	255.0	15.1
13933.	136.6	-45.5	128.8	128.9	-46.3	91.	0.0619	0.0591	0.2091	254.0	15.2
13977.	135.7	-45.4	129.8	129.8	-46.2	91.	0.0626	0.0598	0.2076	253.0	15.2
14027.	134.7	-45.2	131.1	131.1	-46.0	91.	0.0641	0.0612	0.2059	252.0	15.2
14081.	134.0	-44.9	132.1	132.2	-45.7	91.	0.0664	0.0633	0.2046	251.0	15.2
14096.	133.3	-44.7	133.1	133.1	-45.5	91.	0.0680	0.0647	0.2033	250.0	15.2
14137.	132.5	-44.6	133.9	134.0	-45.4	91.	0.0688	0.0655	0.2020	250.0	15.1
14177.	131.7	-44.4	135.1	135.1	-45.2	91.	0.0705	0.0670	0.2006	249.0	15.0
14223.	130.8	-44.5	135.6	135.7	-45.3	91.	0.0696	0.0662	0.1993	248.0	14.8
14264.	130.0	-44.5	136.6	136.6	-45.4	91.	0.0688	0.0655	0.1982	248.0	14.6
14305.	129.2	-44.5	136.9	137.0	-45.4	91.	0.0688	0.0655	0.1970	246.0	14.3
14352.	128.3	-44.3	137.7	137.8	-45.4	91.	0.0688	0.0655	0.1956	246.0	14.1
14398.	127.4	-44.7	138.4	138.4	-45.5	91.	0.0680	0.0647	0.1943	249.0	13.7
14446.	126.5	-44.8	138.9	139.0	-45.7	91.	0.0664	0.0633	0.1931	249.0	13.5
14494.	125.6	-45.0	139.5	139.6	-45.8	91.	0.0657	0.0626	0.1918	250.0	13.1
14542.	124.7	-45.1	140.4	140.4	-45.8	91.	0.0657	0.0626	0.1905	251.0	12.9
14588.	123.9	-44.9	141.3	141.4	-45.7	91.	0.0664	0.0633	0.1892	252.0	12.5
14633.	123.0	-45.0	142.0	142.0	-45.8	91.	0.0657	0.0626	0.1879	253.0	12.3
14677.	122.2	-44.9	142.8	142.9	-45.9	91.	0.0649	0.0619	0.1867	254.0	12.0
14716.	121.5	-45.3	142.9	143.0	-46.1	91.	0.0634	0.0605	0.1858	255.0	11.9
14756.	120.7	-45.5	143.4	143.4	-46.3	91.	0.0619	0.0591	0.1848	257.0	11.7
14803.	119.9	-45.7	143.7	143.8	-46.5	91.	0.0604	0.0578	0.1837	256.0	11.5
14846.	119.2	-45.8	144.1	144.2	-46.6	91.	0.0596	0.0569	0.1827	256.0	11.4
14882.	118.5	-45.9	144.4	144.5	-46.7	91.	0.0596	0.0569	0.1818	256.0	11.3
14927.	117.7	-44.8	147.7	147.7	-45.6	91.	0.0672	0.0640	0.1796	258.0	11.5
14967.	117.0	-44.7	148.3	148.4	-45.5	91.	0.0680	0.0647	0.1785	258.0	11.2
15007.	116.3	-44.6	148.9	149.0	-45.4	91.	0.0687	0.0655	0.1773	257.0	11.3
15047.	115.6	-44.6	149.5	149.5	-45.4	91.	0.0695	0.0655	0.1763	257.0	11.3
15088.	114.9	-44.6	150.1	150.1	-45.4	91.	0.0695	0.0655	0.1752	256.0	11.1
15128.	114.2	-44.6	150.7	150.7	-45.4	91.	0.0695	0.0655	0.1741	255.0	11.1
15171.	113.5	-44.6	151.3	151.4	-45.4	91.	0.0695	0.0655	0.1731	255.0	11.3
15217.	112.7	-44.7	151.9	152.1	-45.5	91.	0.0680	0.0647	0.1719	254.0	11.3
15260.	111.9	-44.8	152.7	152.8	-45.6	91.	0.0672	0.0640	0.1708	253.0	11.4
15300.	111.2	-44.8	153.4	153.4	-45.6	91.	0.0656	0.0626	0.1699	253.0	11.6
15341.	110.5	-44.8	154.0	154.0	-45.6	91.	0.0634	0.0605	0.1690	254.0	11.4
15383.	109.8	-44.7	154.7	154.8	-45.5	91.	0.0619	0.0591	0.1681	254.0	11.3
15424.	109.1	-44.6	155.3	155.4	-45.4	91.	0.0597	0.0571	0.1672	255.0	12.1
15466.	108.4	-44.5	155.9	155.7	-45.3	91.	0.0590	0.0564	0.1661	256.0	12.2
15506.	107.8	-44.5	156.5	156.6	-45.3	91.	0.0583	0.0558	0.1651	257.0	12.4
15548.	107.2	-44.6	157.4	157.4	-45.4	91.	0.0597	0.0571	0.1639	258.0	12.7
15612.	106.2	-44.6	158.6	158.7	-45.4	91.	0.0611	0.0584	0.1626	258.0	12.6
15660.	105.6	-44.7	159.2	159.3	-45.2	91.	0.0626	0.0598	0.1616	259.0	12.5
15698.	105.1	-44.4	160.0	160.1	-44.9	91.	0.0626	0.0598	0.1605	259.0	13.1
15734.	104.6	-44.4	161.1	161.4	-44.9	91.	0.0626	0.0598	0.1594	261.0	13.3
15774.	104.1	-44.5	161.8	162.1	-44.8	91.	0.0619	0.0591	0.1584	261.0	13.3
15820.	103.5	-44.5	162.4	162.7	-44.8	91.	0.0619	0.0591	0.1574	261.0	13.3
15868.	102.9	-44.5	163.0	163.4	-44.8	91.	0.0611	0.0584	0.1565	260.0	13.5
15907.	102.4	-44.5	163.5	163.8	-44.8	91.	0.0604	0.0578	0.1557	260.0	13.5
15953.	101.8	-44.5	164.1	164.2	-44.8	91.	0.0604	0.0578	0.1546	259.0	13.5
15996.	101.3	-44.7	164.7	164.7	-44.9	91.	0.0604	0.0578	0.1535	258.0	13.4
16037.	100.8	-44.7	165.2	165.2	-44.9	91.	0.0604	0.0578	0.1524	258.0	13.4
16078.	100.3	-44.7	165.7	165.7	-44.9	91.	0.0604	0.0578	0.1514	258.0	13.5
16127.	99.7	-44.8	166.2	166.3	-45.0	91.	0.0619	0.0591	0.1502	258.0	13.5
16168.	99.2	-44.8	166.7	166.7	-45.1	91.	0.0634	0.0605	0.1494	258.0	13.5
16210.	98.7	-44.8	167.2	167.2	-45.1	91.	0.0626	0.0598	0.1486	257.0	13.5
16252.	98.2	-44.8	167.7	167.7	-45.1	91.	0.0619	0.0591	0.1477	257.0	13.5
16293.	97.7	-44.8	168.2	168.2	-45.1	91.	0.0611	0.0584	0.1469	256.0	13.5
16337.	97.2	-44.8	168.7	168.7	-45.1	91.	0.0611	0.0584	0.1460	256.0	13.5
16378.	96.7	-44.8	169.2	169.2	-45.1	91.	0.0604	0.0578	0.1451	255.0	13.5
16418.	96.2	-44.8	169.7	169.7	-45.1	91.	0.0604	0.0578	0.1442	254.0	13.5
16460.	95.7	-44.8	170.2	170.2	-45.1	91.	0.0611	0.0584	0.1432	253.0	13.5
16503.	95.2	-44.7	170.7	170.7	-45.0	91.	0.0604	0.0578	0.1423	252.0	13.5
16548.	94.7	-44.7	171.2	171.2	-45.0	91.	0.0590	0.0564	0.1415	251.0	13.6
16586.	94.3	-44.7	171.7	171.7	-45.0	91.	0.0583	0.0558	0.1407	249.0	13.6
16626.	93.8	-44.7	172.2	172.2	-45.0	91.	0.0569	0.0545	0.1400	248.0	13.5
16667.	93.4	-44.7	172.7	172.7	-45.0	91.	0.0569	0.0545	0.1391	246.0	13.4
16714.	92.9	-44.7	173.1	173.2	-45.0	91.	0.0590	0.0564	0.1383	245.0	13.4
16758.	92.4	-44.7	173.6	173.7	-45.0	91.	0.0590	0.0564	0.1374	244.0	13.3
16802.	92.0	-44.7	174.1	174.2	-45.0	91.	0.0583	0.0558	0.1365	243.0	13.2
16847.	91.5	-44.7	174.6	174.7	-45.0	91.	0.0583	0.0558	0.1356	242.0	13.1
16891.	91.1	-44.7	175.1	175.1	-45.0	91.	0.0576	0.0551	0.1349	242.0	12.9
16931.	90.7	-44.7	175.5	175.6	-45.0	91.	0.0569	0.0545	0.1341	242.0	12.8
16976.	90.2	-44.7	176.0	176.1	-45.0	91.	0.0562	0.0538	0.1332	241.0	12.6
17020.	89.8	-44.7	176.5	176.6	-45.0	91.	0.0562	0.0538	0.1323	241.0	12.4
17069.	89.3	-44.7	177.0	177.1	-45.0	91.	0.0562	0.0538	0.1313	242.0	11.8
17111.	88.9	-44.7	177.4	177.5	-45.0	91.	0.0562	0.0538	0.1305	242.0	11.1
17155.	88.4	-44.7	177.9	178.0	-45.0	91.	0.0547	0.0527	0.1293	242.0	11.0
17210.	87.9	-44.7	178.4	178.5	-45.0	91.	0.0547	0.0527	0.1283	242.0	10.9
17259.	87.5	-44.7	178.8	178.9	-45.0	91.	0.0547	0.0527	0.1274	241.0	10.1
17310.	87.0	-44.7	179.3	179.4	-45.0	91.	0.0547	0.0527	0.1264	241.0	9.8
17360.	86.6	-44.7	179.8	179.9	-45.0	91.	0.0547	0.0527	0.1254	241.0	9.6
17410.	86.1	-44.7	180.3	180.4	-45.0	91.	0.0547	0.0527	0.1245	243.0	9.1
17460.	85.7	-44.7	180.7	180.8	-45.0	91.	0.0540	0.0521	0.1237	243.0	8.8
17510.	85.2	-44.7	181.2	181.3	-45.0	91.	0.0540	0.0521	0.1228	243.0	8.5
17560.	84.8	-44.7	181.7	181.8	-45.0	91.	0.0547	0.0527	0.1219	244.0	8.2
17610.	84.3	-44.7	182.2	182.3	-45.0	91.	0.0547	0.0527	0.1212	246.0	7.8
17660.	83.9	-44.7	182.7	182.8	-45.0	91.	0.0540	0.0521	0.1201	247.0	7.6
17710.	83.4	-44.7	183.2	183.3	-45.0	91.	0.0540	0.0521	0.1194	247.0	7.3
17760.	83.0	-44.7	183.7	183.8	-45.0	91.	0.0533	0.0515	0.1187	248.0	6.9
17810.	82.5	-44.7	184.2	184.3	-45.0	91.	0.0533	0.0515	0.1178	248.0	6.6
17860.	82.1	-44.7	184.7	184.8	-45.0	91.	0.0533	0.0515	0.1172	251.0	6.1
17910.	81.6	-44.7	185.2	185.3	-45.0	91.	0.0533	0.0515	0.1167	254.0	5.7
17960.	81.2	-44.7	185.7	185.8	-45.0	91.	0.0533	0.0515	0.1159	254.0	5.4
18010.	80.7	-44.7	186.2	186.3	-45.0	91.	0.0533	0.0515	0.1152	254.0	5.1
18060.	80.3	-44.7	186.7	186.8	-45.0	91.	0.0533	0.0515	0.1146	257.0	4.8
18110.	79.8	-44.7	187.2	187.3	-45.0	91.	0.0533	0.0515	0.1140	257.0	4.5
18160.	79.4	-44.7	187.7	187.8	-45.0	91.	0.0533	0.0515	0.1133	257.0	4.2
18210.	78.9	-44.7	188.2	188.3	-45.0	91.	0.0533	0.0515	0.1126	257.0	3.9
18260.	78.5	-44.7	188.7	188.8	-45.0	91.	0.0533	0.0515	0.1121	257.0	3.6
18310.	78.0	-44.7	189.2	189.3	-45.0	91.	0.0533	0.0515	0.1112	257.0	3.4
18360.	77.6	-44.7	189.7	189.8	-45.0	91.	0.0533	0.0515	0.1105	256.0	3.3
18410.	77.1	-44.7	190.2	190.3	-45.0	91.	0.0533	0.0515	0.1097	255.0	3.2
18460.	76.7	-44.7	190.7	190.8	-45.0	91.	0.0533	0.0515	0.1088	255.0	3.1
18510.	76.2	-44.7	191.2	191.3	-45.0	91.	0.0533	0.0515	0.1080	255.0	3.0
18560.	75.8	-44.7	191.7	191.8	-45.0	91.	0.0533	0.0515	0.1072	255.0	2.9
18610.	75.3	-44.7	192.2	192.3	-45.0	91.	0.0533	0.0515	0.1067	255.0	2.8
18660.	74.9	-44.7	192.7	192.8	-45.0	91.	0.0533	0.0515	0.1059	255.0	2.7
18710.	74.4	-44.7	193.2	193.3	-45.0	91.	0.0533	0.0515	0.1052	255.0	2.6
18760.	74.0	-44.7	193.7	193.8	-45.0	91.	0.0533	0.0515	0.1046	255.0	2.5
18810.	73.5	-44.7	194.2	194.3	-45.0	91.	0.0533	0.0515	0.1040	255.0	2.4
18860.	73.1	-44.7	194.7	194.8	-45.0	91.	0.0533	0.0515	0.1033	255.0	2.3
18910.	72.6	-44.7	195.2	195.3	-45.0	91.	0.0533	0.0515	0.1027	255.0	2.2
18960.	72.2	-44.7	195.7	195.8	-45.0	91.	0.0533	0.0515	0.1021	255.0	2.1
19010.	71.7	-44.7	196.2	196.3	-45.0	91.	0.0533	0.0515	0.1015	255.0	2.0
19060.	71.3	-44.7	196.7	196.8	-45.0	91.	0.0533	0.0515	0.1009	255.0	1.9
19110.	70.8	-44.7	197.2	197.3	-45.0	91.	0.0533	0.0515	0.1003	255.0	1.8
19160.	70.4	-44.7	197.7	197.8	-45.0	91.	0.0533	0.0515	0.0997	255.0	1.7
19210.	69.9	-44.7	198.2	198.3	-45.0	91.	0.0533	0.0515	0.0991	255.0	1.6
19260.	69.5	-44.7	198.7	198.8	-45.0	91.	0.0533	0.0515	0.0985	255.0	1.5
19310.	69.0	-44.7	199.2	199.3	-45.0	91.	0.0533	0.0515	0.0979	255.0	1.4
19360.	68.6	-44.7	199.7	199.8	-45.0	91.	0.0533	0.0515	0.0973	255.0	1.3
19410.	68.1	-44.7	200.2	200.3	-45.0	91.	0.0533	0.0515	0.0967	255.0	1.2
19460.	67.7	-44.7	200.7	200.8	-45.0	91.	0.0533	0.0515	0.0961	255.0	1.1
19510.	67.2	-44.7	201.2	201.3	-45.0	91.	0.0533	0.0515	0.0955	255.0	1.0

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+5*RHOS (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
18556.	64.1	-47.4	213.4	213.5	-48.1	91.	0.0480	0.0480	0.1051	251.0	15.2
18637.	63.7	-47.4	214.4	214.5	-48.0	91.	0.0484	0.0484	0.1044	251.0	15.4
18645.	63.2	-47.1	215.4	215.5	-47.7	91.	0.0511	0.0491	0.1056	250.0	15.6
18695.	63.7	-47.0	217.1	217.2	-47.7	91.	0.0503	0.0503	0.1027	250.0	15.6
18735.	63.3	-47.0	217.6	217.8	-47.6	91.	0.0517	0.0497	0.1022	249.0	15.6
18785.	63.8	-47.1	218.6	218.7	-47.6	91.	0.0511	0.0491	0.1015	249.0	15.8
18835.	63.4	-47.2	219.2	219.4	-48.1	91.	0.0484	0.0486	0.1008	247.0	16.0
18876.	64.9	-47.5	218.7	219.0	-48.3	91.	0.0467	0.0469	0.1002	247.0	15.9
18927.	64.4	-47.6	220.5	220.7	-48.4	91.	0.0461	0.0464	0.0995	245.0	15.8
18976.	64.5	-47.6	221.4	221.6	-48.4	91.	0.0461	0.0464	0.0989	245.0	15.6
19006.	64.6	-47.6	222.2	222.4	-48.4	91.	0.0467	0.0469	0.0982	244.0	15.2
19043.	64.1	-47.8	224.1	224.2	-48.6	91.	0.0455	0.0460	0.0974	242.0	14.8
19114.	66.7	-47.8	225.4	225.6	-48.6	91.	0.0455	0.0455	0.0967	240.0	14.4
19150.	66.2	-47.8	226.1	226.3	-48.6	91.	0.0446	0.0460	0.0960	239.0	14.2
19210.	67.7	-47.8	227.1	227.3	-48.8	91.	0.0437	0.0469	0.0953	236.0	13.7
19254.	67.3	-47.7	227.7	227.9	-48.9	91.	0.0471	0.0458	0.0948	235.0	13.4
19276.	67.1	-47.	228.2	228.4	-48.9	91.	0.0456	0.0458	0.0942	233.0	13.1
19350.	67.4	-47.	229.1	229.3	-48.7	91.	0.0454	0.0448	0.0935	232.0	12.7
19394.	67.0	-48.1	229.6	229.8	-48.8	91.	0.0458	0.0437	0.0929	231.0	12.2
19440.	66.5	-48.	230.5	230.6	-48.6	91.	0.0447	0.0432	0.0922	230.0	11.8
19482.	66.1	-48.	231.4	231.6	-48.1	91.	0.0442	0.0427	0.0916	229.0	11.2
19538.	65.7	-48.	232.3	232.5	-48.2	91.	0.0456	0.0422	0.0910	229.0	10.8
19604.	65.2	-48.	233.2	233.4	-48.1	91.	0.0431	0.0417	0.0903	228.0	10.2
19672.	57.	-47.	234.4	234.4	-48.	91.	0.0436	0.0422	0.0896	227.0	9.8
19748.	57.4	-47.	235.7	235.7	-48.3	91.	0.0447	0.0432	0.0889	226.0	9.4
19745.	56.9	-48.1	237.3	237.3	-48.9	91.	0.0453	0.0437	0.0881	226.0	8.9
19776.	56.5	-47.7	238.7	238.8	-48.7	91.	0.0444	0.0448	0.0874	226.0	8.5
19838.	56.1	-47.7	240.1	240.2	-48.6	91.	0.0475	0.0456	0.0867	230.0	8.1
19888.	55.7	-47.6	241.4	241.6	-48.4	91.	0.0461	0.0464	0.0861	231.0	7.7
19931.	55.7	-47.6	242.7	242.9	-48.4	91.	0.0461	0.0464	0.0855	232.0	7.4
19977.	54.9	-47.6	243.8	243.7	-48.4	91.	0.0461	0.0464	0.0848	233.0	7.0
20027.	54.5	-47.6	244.9	244.9	-48.4	91.	0.0461	0.0464	0.0842	234.0	6.6
20079.	54.1	-47.6	246.1	246.1	-48.3	91.	0.0457	0.0464	0.0836	236.0	6.3
20124.	53.7	-47.5	247.3	247.3	-48.4	91.	0.0461	0.0464	0.0830	237.0	6.1
20161.	53.4	-47.6	247.4	247.4	-48.6	91.	0.0475	0.0453	0.0826	241.0	6.2
20211.	53.0	-47.6	248.7	248.7	-48.7	91.	0.0464	0.0448	0.0820	243.0	6.0
20261.	52.6	-48.1	249.8	249.8	-48.8	91.	0.0458	0.0443	0.0814	246.0	5.9
20312.	52.3	-48.1	250.9	250.9	-48.9	91.	0.0453	0.0437	0.0810	247.0	5.8
20344.	52.1	-48.1	251.7	251.7	-48.9	91.	0.0447	0.0432	0.0804	250.0	5.7
20406.	51.8	-48.1	253.1	253.1	-48.9	91.	0.0453	0.0437	0.0798	253.0	5.7
20455.	51.4	-48.1	254.2	254.2	-48.8	91.	0.0458	0.0443	0.0793	256.0	5.7
20499.	51.1	-48.1	255.2	255.2	-48.6	91.	0.0453	0.0453	0.0796	257.0	5.7
20529.	50.5	-47.9	256.2	256.2	-48.4	91.	0.0481	0.0464	0.0780	260.0	5.8
20581.	50.1	-47.9	257.3	257.3	-48.3	91.	0.0487	0.0469	0.0774	262.0	5.8
20601.	49.9	-47.8	258.0	258.0	-48.4	91.	0.0481	0.0464	0.0772	263.0	5.9
20674.	49.4	-47.7	258.7	258.7	-48.7	91.	0.0466	0.0449	0.0764	264.0	5.9
20714.	49.1	-48.1	259.2	259.2	-48.8	91.	0.0453	0.0437	0.0760	265.0	5.9
20754.	48.8	-48.1	260.1	260.1	-48.9	91.	0.0438	0.0422	0.0757	265.0	6.0
20803.	48.4	-48.1	261.1	261.1	-49.0	91.	0.0426	0.0412	0.0751	265.0	6.0
20844.	48.1	-48.1	261.8	261.8	-49.0	91.	0.0418	0.0403	0.0747	265.0	6.0
20874.	47.7	-48.1	262.7	262.7	-49.0	91.	0.0411	0.0398	0.0741	265.0	6.1
20946.	47.4	-48.1	263.7	263.7	-49.0	91.	0.0426	0.0412	0.0736	265.0	6.3
20987.	47.1	-48.1	264.4	264.4	-49.0	91.	0.0440	0.0426	0.0730	265.0	6.4
21020.	46.8	-48.1	265.2	265.2	-49.0	91.	0.0452	0.0437	0.0725	265.0	6.6
21066.	46.4	-47.7	266.7	266.7	-48.7	91.	0.0454	0.0444	0.0718	265.0	6.7
21124.	46.1	-47.7	267.7	267.7	-48.7	91.	0.0475	0.0458	0.0713	265.0	6.9
21170.	45.8	-47.4	268.7	268.7	-48.4	91.	0.0493	0.0475	0.0707	264.0	7.0
21223.	45.4	-47.1	269.8	269.8	-47.7	91.	0.0511	0.0491	0.0700	263.0	7.1
21277.	45.1	-46.9	270.9	270.9	-47.7	91.	0.0523	0.0503	0.0695	262.0	7.2
21319.	44.8	-46.7	271.8	271.8	-47.5	91.	0.0536	0.0515	0.0690	260.0	7.2
21377.	44.4	-46.4	272.9	272.9	-47.2	91.	0.0556	0.0533	0.0683	257.0	7.3
21442.	44.1	-46.2	274.1	274.1	-47.2	91.	0.0569	0.0545	0.0677	257.0	7.7
21487.	43.8	-46.0	274.8	274.8	-46.8	91.	0.0553	0.0558	0.0672	252.0	7.8
21536.	43.4	-46.0	275.7	275.7	-46.7	91.	0.0551	0.0564	0.0666	247.0	7.8
21574.	43.1	-46.0	276.7	276.7	-46.6	91.	0.0551	0.0558	0.0662	246.0	8.3
21638.	42.7	-46.1	277.7	277.8	-46.6	91.	0.0576	0.0552	0.0656	245.0	8.6
21688.	42.4	-46.2	278.6	278.6	-47.1	91.	0.0562	0.0533	0.0652	242.0	8.8
21744.	42.0	-46.3	279.4	279.4	-47.4	91.	0.0542	0.0521	0.0646	240.0	9.1
21783.	41.7	-46.4	279.9	280.0	-47.6	91.	0.0535	0.0509	0.0642	239.0	9.4
21841.	41.4	-47.	280.7	280.8	-47.8	91.	0.0517	0.0497	0.0638	237.0	9.6
21864.	41.1	-47.	281.1	281.2	-48.	91.	0.0504	0.0486	0.0634	236.0	10.0
21954.	40.7	-47.	282.4	282.4	-48.	91.	0.0493	0.0475	0.0629	236.0	10.0
22023.	40.4	-47.	283.1	283.1	-48.	91.	0.0481	0.0464	0.0624	235.0	10.2
22092.	40.1	-47.	284.1	284.1	-48.7	91.	0.0444	0.0444	0.0621	235.0	10.3
22161.	39.8	-48.1	284.7	284.8	-48.9	91.	0.0453	0.0437	0.0617	236.0	10.2
22181.	39.5	-48.	285.2	285.2	-49.	91.	0.0447	0.0432	0.0612	236.0	10.1
22201.	39.2	-48.	285.8	285.8	-49.1	91.	0.0442	0.0427	0.0608	237.0	10.2
22250.	38.9	-48.	286.8	286.8	-49.1	91.	0.0442	0.0427	0.0603	237.0	10.2
22[illegible].	38.6	-48.	287.7	287.7	-49.1	91.	0.0442	0.0427	0.0598	237.0	10.2
22354.	38.3	-47.9	288.7	288.7	-49.1	91.	0.0442	0.0427	0.0594	237.0	10.4
22400.	38.0	-48.	289.4	289.4	-49.2	91.	0.0447	0.0432	0.0589	237.0	10.5
22444.	37.8	-48.	290.2	290.2	-49.2	91.	0.0442	0.0442	0.0585	237.0	10.7
22493.	37.5	-47.7	291.2	291.2	-49.1	91.	0.0475	0.0458	0.0580	238.0	10.9
22543.	37.2	-47.6	292.2	292.2	-49.2	91.	0.0493	0.0475	0.0575	239.0	11.1
22594.	36.9	-47.6	293.2	293.2	-49.1	91.	0.0490	0.0458	0.0570	239.0	11.2
22643.	36.7	-47.6	294.1	294.1	-49.1	91.	0.0490	0.0448	0.0567	240.0	11.6
22693.	36.4	-47.6	295.1	295.1	-49.1	91.	0.0493	0.0448	0.0562	239.0	11.7
22743.	36.2	-47.6	296.1	296.1	-49.1	91.	0.0498	0.0448	0.0559	241.0	12.0
22791.	35.9	-47.6	297.1	297.1	-49.1	91.	0.0498	0.0448	0.0554	240.0	12.1
22836.	35.6	-47.6	297.9	297.9	-49.2	91.	0.0503	0.0486	0.0549	241.0	12.3
22874.	35.4	-47.2	298.6	298.6	-49.1	91.	0.0503	0.0486	0.0546	240.0	12.4
22930.	35.1	-47.1	299.6	299.6	-49.1	91.	0.0503	0.0480	0.0542	239.0	12.4
22980.	34.9	-47.1	300.5	300.5	-49.1	91.	0.0487	0.0469	0.0539	237.0	12.5
23024.	34.6	-47.7	301.4	301.4	-49.5	91.	0.0475	0.0458	0.0535	235.0	12.6
23063.	34.4	-47.	302.1	302.1	-49.6	91.	0.0470	0.0453	0.0532	233.0	12.7
23120.	34.1	-47.	303.1	303.1	-49.7	91.	0.0464	0.0448	0.0528	231.0	13.1
23174.	33.8	-46.	304.1	304.1	-49.8	91.	0.0458	0.0442	0.0523	232.0	13.2
23216.	33.6	-46.	304.9	304.9	-49.8	91.	0.0447	0.0432	0.0521	232.0	13.3
23277.	33.3	-46.4	306.1	306.1	-49.8	91.	0.0436	0.0422	0.0517	231.0	13.4
23316.	33.1	-46.	307.1	307.1	-49.8	91.	0.0426	0.0412	0.0514	230.0	13.6
23376.	32.8	-46.	308.1	308.1	-49.8	91.	0.0421	0.0408	0.0509	229.0	13.7
23446.	32.5	-46.	309.4	309.4	-49.8	91.	0.0426	0.0412	0.0505	228.0	13.9
23477.	32.3	-46.	310.4	310.4	-49.8	91.	0.0426	0.0412	0.0502	227.0	14.2
23535.	32.0	-46.	311.4	311.4	-49.8	91.	0.0431	0.0418	0.0497	227.0	14.3
23573.	31.8	-46.	312.1	312.1	-49.8	91.	0.0431	0.0418	0.0494	226.0	14.5
23642.	31.5	-46.	313.4	313.4	-49.8	91.	0.0426	0.0412	0.0489	226.0	14.7
23683.	31.3	-46.	314.1	314.1	-49.8	91.	0.0431	0.0417	0.0486	225.0	14.8
23747.	31.0	-46.	315.4	315.4	-49.8	91.	0.0436	0.0422	0.0481	225.0	14.8
23780.	30.8	-46.	316.4	316.4	-49.8	91.	0.0442	0.0427	0.0478	224.0	14.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
23856.	30.6	-48.3	376.2	376.	-49.1	1.	0.0042	0.2427	0.0479	220.	1.
23867.	30.5	-48.4	376.1	376.	-49.1	1.	0.0042	0.2427	0.0479	220.	1.
23944.	30.1	-48.4	376.5	376.	-49.2	1.	0.0042	0.2422	0.0477	220.	1.
24000.	29.8	-48.5	376.4	376.	-49.3	1.	0.0041	0.2417	0.0475	220.	1.
24035.	29.6	-48.5	376.4	376.	-49.4	1.	0.0041	0.2412	0.0474	220.	1.
24083.	29.4	-48.6	376.4	376.	-49.4	1.	0.0041	0.2407	0.0473	220.	1.
24143.	29.2	-48.6	376.4	376.	-49.5	1.	0.0041	0.2402	0.0471	220.	1.
24207.	29.0	-48.7	376.4	376.	-49.6	1.	0.0040	0.2397	0.0469	220.	1.
24270.	28.8	-48.8	376.4	376.	-49.7	1.	0.0040	0.2392	0.0467	220.	1.
24334.	28.5	-48.9	376.4	376.	-49.8	1.	0.0040	0.2387	0.0466	220.	1.
24398.	28.3	-49.0	376.4	376.	-49.9	1.	0.0040	0.2382	0.0464	220.	1.
24463.	28.1	-49.1	376.4	376.	-50.0	1.	0.0039	0.2377	0.0462	220.	1.
24527.	27.9	-49.2	376.4	376.	-50.1	1.	0.0039	0.2372	0.0460	220.	1.
24592.	27.7	-49.3	376.4	376.	-50.2	1.	0.0039	0.2367	0.0458	220.	1.
24656.	27.5	-49.4	376.4	376.	-50.3	1.	0.0039	0.2362	0.0456	220.	1.
24721.	27.3	-49.5	376.4	376.	-50.4	1.	0.0038	0.2357	0.0454	220.	1.
24785.	27.1	-49.6	376.4	376.	-50.5	1.	0.0038	0.2352	0.0452	220.	1.
24850.	27.0	-49.7	376.4	376.	-50.6	1.	0.0038	0.2347	0.0450	220.	1.
24914.	26.8	-49.8	376.4	376.	-50.7	1.	0.0038	0.2342	0.0448	220.	1.
24979.	26.6	-49.9	376.4	376.	-50.8	1.	0.0037	0.2337	0.0446	220.	1.
25043.	26.4	-50.0	376.4	376.	-50.9	1.	0.0037	0.2332	0.0444	220.	1.
25108.	26.2	-50.1	376.4	376.	-51.0	1.	0.0037	0.2327	0.0442	220.	1.
25172.	26.0	-50.2	376.4	376.	-51.1	1.	0.0037	0.2322	0.0440	220.	1.
25237.	25.8	-50.3	376.4	376.	-51.2	1.	0.0036	0.2317	0.0438	220.	1.
25301.	25.6	-50.4	376.4	376.	-51.3	1.	0.0036	0.2312	0.0436	220.	1.
25366.	25.4	-50.5	376.4	376.	-51.4	1.	0.0036	0.2307	0.0434	220.	1.
25430.	25.2	-50.6	376.4	376.	-51.5	1.	0.0036	0.2302	0.0432	220.	1.
25495.	25.0	-50.7	376.4	376.	-51.6	1.	0.0035	0.2297	0.0430	220.	1.
25559.	24.8	-50.8	376.4	376.	-51.7	1.	0.0035	0.2292	0.0428	220.	1.
25624.	24.6	-50.9	376.4	376.	-51.8	1.	0.0035	0.2287	0.0426	220.	1.
25688.	24.4	-51.0	376.4	376.	-51.9	1.	0.0035	0.2282	0.0424	220.	1.
25753.	24.2	-51.1	376.4	376.	-52.0	1.	0.0034	0.2277	0.0422	220.	1.
25817.	24.0	-51.2	376.4	376.	-52.1	1.	0.0034	0.2272	0.0420	220.	1.
25882.	23.8	-51.3	376.4	376.	-52.2	1.	0.0034	0.2267	0.0418	220.	1.
25946.	23.6	-51.4	376.4	376.	-52.3	1.	0.0034	0.2262	0.0416	220.	1.
26011.	23.4	-51.5	376.4	376.	-52.4	1.	0.0033	0.2257	0.0414	220.	1.
26075.	23.2	-51.6	376.4	376.	-52.5	1.	0.0033	0.2252	0.0412	220.	1.
26140.	23.0	-51.7	376.4	376.	-52.6	1.	0.0033	0.2247	0.0410	220.	1.
26204.	22.8	-51.8	376.4	376.	-52.7	1.	0.0033	0.2242	0.0408	220.	1.
26269.	22.6	-51.9	376.4	376.	-52.8	1.	0.0032	0.2237	0.0406	220.	1.
26333.	22.4	-52.0	376.4	376.	-52.9	1.	0.0032	0.2232	0.0404	220.	1.

SOUNDING 48.6
LATITUDE -54.2 LONGITUDE -4.5
DATE 11-15-81 TIME 1132 GMT
NUMBER OF LEVELS 97

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3.	993.2	-0.6	0.8	1.2	-2.1	86.	0.0741	4.2187	1.2671	324.	1.
57.	987.2	-1.4	-0.1	0.4	-2.7	84.	0.0716	4.0796	1.2641	317.	1.
111.	981.5	-1.9	-0.4	0.1	-3.6	84.	0.0697	3.9687	1.2609	313.	1.
161.	976.4	-1.7	-0.2	0.3	-3.8	84.	0.0693	3.9447	1.2597	311.	1.
213.	971.1	-1.8	-0.3	0.3	-3.9	84.	0.0691	3.9333	1.2591	310.	1.
264.	965.8	-2.0	-0.4	0.2	-4.1	84.	0.0686	3.9047	1.2576	309.	1.
314.	960.7	-2.2	-0.6	0.1	-4.3	84.	0.0681	3.8762	1.2561	308.	1.
365.	955.6	-2.1	1.4	1.8	-4.6	84.	0.0676	3.8477	1.2546	307.	1.
416.	950.5	-2.3	1.2	1.6	-4.8	84.	0.0671	3.8192	1.2531	306.	1.
467.	945.4	-2.5	1.1	1.5	-5.0	84.	0.0666	3.7907	1.2516	305.	1.
518.	940.3	-2.7	1.0	1.4	-5.2	84.	0.0661	3.7622	1.2501	304.	1.
569.	935.2	-2.9	0.9	1.3	-5.4	84.	0.0656	3.7337	1.2486	303.	1.
620.	930.1	-3.1	0.8	1.2	-5.6	84.	0.0651	3.7052	1.2471	302.	1.
671.	925.0	-3.3	0.7	1.1	-5.8	84.	0.0646	3.6767	1.2456	301.	1.
722.	919.9	-3.5	0.6	1.0	-6.0	84.	0.0641	3.6482	1.2441	300.	1.
773.	914.8	-3.7	0.5	0.9	-6.2	84.	0.0636	3.6197	1.2426	299.	1.
824.	909.7	-3.9	0.4	0.8	-6.4	84.	0.0631	3.5912	1.2411	298.	1.
875.	904.6	-4.1	0.3	0.7	-6.6	84.	0.0626	3.5627	1.2396	297.	1.
926.	899.5	-4.3	0.2	0.6	-6.8	84.	0.0621	3.5342	1.2381	296.	1.
977.	894.4	-4.5	0.1	0.5	-7.0	84.	0.0616	3.5057	1.2366	295.	1.
1028.	889.3	-4.7	0.0	0.4	-7.2	84.	0.0611	3.4772	1.2351	294.	1.
1079.	884.2	-4.9	-0.1	0.3	-7.4	84.	0.0606	3.4487	1.2336	293.	1.
1130.	879.1	-5.1	-0.2	0.2	-7.6	84.	0.0601	3.4202	1.2321	292.	1.
1181.	874.0	-5.3	-0.3	0.1	-7.8	84.	0.0596	3.3917	1.2306	291.	1.
1232.	868.9	-5.5	-0.4	0.0	-8.0	84.	0.0591	3.3632	1.2291	290.	1.
1283.	863.8	-5.7	-0.5	-0.1	-8.2	84.	0.0586	3.3347	1.2276	289.	1.
1334.	858.7	-5.9	-0.6	-0.2	-8.4	84.	0.0581	3.3062	1.2261	288.	1.
1385.	853.6	-6.1	-0.7	-0.3	-8.6	84.	0.0576	3.2777	1.2246	287.	1.
1436.	848.5	-6.3	-0.8	-0.4	-8.8	84.	0.0571	3.2492	1.2231	286.	1.
1487.	843.4	-6.5	-0.9	-0.5	-9.0	84.	0.0566	3.2207	1.2216	285.	1.
1538.	838.3	-6.7	-1.0	-0.6	-9.2	84.	0.0561	3.1922	1.2201	284.	1.
1589.	833.2	-6.9	-1.1	-0.7	-9.4	84.	0.0556	3.1637	1.2186	283.	1.
1640.	828.1	-7.1	-1.2	-0.8	-9.6	84.	0.0551	3.1352	1.2171	282.	1.
1691.	823.0	-7.3	-1.3	-0.9	-9.8	84.	0.0546	3.1067	1.2156	281.	1.
1742.	817.9	-7.5	-1.4	-1.0	-10.0	84.	0.0541	3.0782	1.2141	280.	1.
1793.	812.8	-7.7	-1.5	-1.1	-10.2	84.	0.0536	3.0497	1.2126	279.	1.
1844.	807.7	-7.9	-1.6	-1.2	-10.4	84.	0.0531	3.0212	1.2111	278.	1.
1895.	802.6	-8.1	-1.7	-1.3	-10.6	84.	0.0526	2.9927	1.2096	277.	1.
1946.	797.5	-8.3	-1.8	-1.4	-10.8	84.	0.0521	2.9642	1.2081	276.	1.
1997.	792.4	-8.5	-1.9	-1.5	-11.0	84.	0.0516	2.9357	1.2066	275.	1.
2048.	787.3	-8.7	-2.0	-1.6	-11.2	84.	0.0511	2.9072	1.2051	274.	1.
2099.	782.2	-8.9	-2.1	-1.7	-11.4	84.	0.0506	2.8787	1.2036	273.	1.
2150.	777.1	-9.1	-2.2	-1.8	-11.6	84.	0.0501	2.8502	1.2021	272.	1.
2201.	772.0	-9.3	-2.3	-1.9	-11.8	84.	0.0496	2.8217	1.2006	271.	1.
2252.	766.9	-9.5	-2.4	-2.0	-12.0	84.	0.0491	2.7932	1.1991	270.	1.
2303.	761.8	-9.7	-2.5	-2.1	-12.2	84.	0.0486	2.7647	1.1976	269.	1.
2354.	756.7	-9.9	-2.6	-2.2	-12.4	84.	0.0481	2.7362	1.1961	268.	1.
2405.	751.6	-10.1	-2.7	-2.3	-12.6	84.	0.0476	2.7077	1.1946	267.	1.
2456.	746.5	-10.3	-2.8	-2.4	-12.8	84.	0.0471	2.6792	1.1931	266.	1.
2507.	741.4	-10.5	-2.9	-2.5	-13.0	84.	0.0466	2.6507	1.1916	265.	1.
2558.	736.3	-10.7	-3.0	-2.6	-13.2	84.	0.0461	2.6222	1.1901	264.	1.
2609.	731.2	-10.9	-3.1	-2.7	-13.4	84.	0.0456	2.5937	1.1886	263.	1.
2660.	726.1	-11.1	-3.2	-2.8	-13.6	84.	0.0451	2.5652	1.1871	262.	1.
2711.	721.0	-11.3	-3.3	-2.9	-13.8	84.	0.0446	2.5367	1.1856	261.	1.
2762.	715.9	-11.5	-3.4	-3.0	-14.0	84.	0.0441	2.5082	1.1841	260.	1.
2813.	710.8	-11.7	-3.5	-3.1	-14.2	84.	0.0436	2.4797	1.1826	259.	1.
2864.	705.7	-11.9	-3.6	-3.2	-14.4	84.	0.0431	2.4512	1.1811	258.	1.
2915.	700.6	-12.1	-3.7	-3.3	-14.6	84.	0.0426	2.4227	1.1796	257.	1.
2966.	695.5	-12.3	-3.8	-3.4	-14.8	84.	0.0421	2.3942	1.1781	256.	1.
3017.	690.4	-12.5	-3.9	-3.5	-15.0	84.	0.0416	2.3657	1.1766	255.	1.
3068.	685.3	-12.7	-4.0	-3.6	-15.2	84.	0.0411	2.3372	1.1751	254.	1.
3119.	680.2	-12.9	-4.1	-3.7	-15.4	84.	0.0406	2.3087	1.1736	253.	1.
3170.	675.1	-13.1	-4.2	-3.8	-15.6	84.	0.0401	2.2802	1.1721	252.	1.
3221.	670.0	-13.3	-4.3	-3.9	-15.8	84.	0.0396	2.2517	1.1706	251.	1.
3272.	664.9	-13.5	-4.4	-4.0	-16.0	84.	0.0391	2.2232	1.1691	250.	1.
3323.	659.8	-13.7	-4.5	-4.1	-16.2	84.	0.0386	2.1947	1.1676	249.	1.
3374.	654.7	-13.9	-4.6	-4.2	-16.4	84.	0.0381	2.1662	1.1661	248.	1.
3425.	649.6	-14.1	-4.7	-4.3	-16.6	84.	0.0376	2.1377	1.1646	247.	1.
3476.	644.5	-14.3	-4.8	-4.4	-16.8	84.	0.0371	2.1092	1.1631	246.	1.
3527.	639.4	-14.5	-4.9	-4.5	-17.0	84.	0.0366	2.0807	1.1616	245.	1.
3578.	634.3	-14.7	-5.0	-4.6	-17.2	84.	0.0361	2.0522	1.1601	244.	1.
3629.	629.2	-14.9	-5.1	-4.7	-17.4	84.	0.0356	2.0237	1.1586	243.	1.
3680.	624.1	-15.1	-5.2	-4.8	-17.6	84.	0.0351	1.9952	1.1571	242.	1.
3731.	619.0	-15.3	-5.3	-4.9	-17.8	84.	0.0346	1.9667	1.1556	241.	1.
3782.	613.9	-15.5	-5.4	-5.0	-18.0	84.	0.0341	1.9382	1.1541	240.	1.
3833.	608.8	-15.7	-5.5	-5.1	-18.2	84.	0.0336	1.9097	1.1526	239.	1.
3884.	603.7	-15.9	-5.6	-5.2	-18.4	84.	0.0331	1.8812	1.1511	238.	1.
3935.	598.6	-16.1	-5.7	-5.3	-18.6	84.	0.0326	1.8527	1.1496	237.	1.
3986.	593.5	-16.3	-5.8	-5.4	-18.8	84.	0.0321	1.8242	1.1481	236.	1.
4037.	588.4	-16.5	-5.9	-5.5	-19.0	84.	0.0316	1.7957	1.1466	235.	1.
4088.	583.3	-16.7	-6.0	-5.6	-19.2	84.	0.0311	1.7672	1.1451	234.	1.
4139.	578.2	-16.9	-6.1	-5.7	-19.4	84.	0.0306	1.7387	1.1436	233.	1.
4190.	573.1	-17.1	-6.2	-5.8	-19.6	84.	0.0301	1.7102	1.1421	232.	1.
4241.	568.0	-17.3	-6.3	-5.9	-19.8	84.	0.0296	1.6817	1.1406	231.	1.
4292.	562.9	-17.5	-6.4	-6.0	-20.0	84.	0.0291	1.6532	1.1391	230.	1.
4343.	557.8	-17.7	-6.5	-6.1	-20.2	84.	0.0286	1.6247	1.1376	229.	1.
4394.	552.7	-17.9	-6.6	-6.2	-20.4	84.	0.0281	1.5962	1.1361	228.	1.
4445.	547.6	-18.1	-6.7	-6.3	-20.6	84.	0.0276	1.5677	1.1346	227.	1.
4496.	542.5	-18.3	-6.8	-6.4	-20.8	84.	0.0271	1.5392	1.1331	226.	1.
4547.	537.4	-18.5	-6.9	-6.5	-21.0	84.	0.0266	1.5107	1.1316	225.	1.
4598.	532.3	-18.7	-7.0	-6.6	-21.2	84.	0.0261	1.4822	1.1301	224.	1.
4649.	527.2	-18.9	-7.1	-6.7	-21.4	84.	0.0256	1.4537	1.1286	223.	1.
4700.	522.1	-19.1	-7.2	-6.8	-21.6	84.	0.0251	1.4252	1.1271	222.	1.
4751.	517.0	-19.3	-7.3	-6.9	-21.8	84.	0.0246	1.3967	1.1256	221.	1.
4802.	511.9	-19.5	-7.4	-7.0	-22.0	84.	0.0241	1.3682	1.1241	220.	1.
4853.	506.8	-19.7	-7.5	-7.1	-22.2	84.	0.0236	1.3397	1.1226	219.	1.
4904.	501.7	-19.9	-7.6	-7.2	-22.4	84.	0.0231	1.3112	1.1211	218.	1.
4955.	496.6	-20.1	-7.7	-7.3	-22.6	84.	0.0226	1.2827	1.1196	217.	1.
5006.	491.5	-20.3	-7.8	-7.4	-22.8	84.	0.0221	1.2542	1.1181	216.	1.
5057.	486.4	-20.5	-7.9	-7.5	-23.0	84.	0.0216	1.2257	1.1166	215.	1.
5108.	481.3	-20.7	-8.0	-7.6	-23.2	84.	0.0211	1.1972	1.1151	214.	1.
5159.	476.2	-20.9	-8.1	-7.7	-23.4	84.	0.0206	1.1687	1.1136	213.	1.
5210.	471.1	-21.1	-8.2	-7.8	-23.6	84.	0.0201	1.1402	1.1121	212.	1.
5261.	466.0	-21.3	-8.3	-7.9	-23.8	84.	0.0196	1.1117	1.1106	211.	1.
5312.	460.9	-21.5	-8.4	-8.0	-24.0	84.	0.0191	1.0832	1.1091	210.	1.
5363.	455.8	-21.7	-8.5	-8.1	-24.2	84.	0.0186	1.0547	1.1076	209.	1.
5414.	450.7	-21.9	-8.6	-8.2	-24.4	84.	0.0181	1.0262	1.1061	208.	1.
5465.	445.6	-22.1	-8.7	-8.3	-24.6	84.	0.0176	0.9977	1.1046	207.	1.
5516.	440.5	-22.3	-8.8	-8.4	-24.8	84.	0.0171	0.9692	1.1031	206.	1.
5567.	435.4	-22.5	-8.9	-8.5	-25.0	84.	0.0166	0.9407	1.1016	205.	1.
5618.	430.3	-22.7	-9.0	-8.6	-25.2	84.	0.0161	0.9122	1.1001	204.	1.
5669.	425.2	-22.9	-9.1	-8.7	-25.4	84.	0.0156	0.8837	1.0986	203.	1.
5720.	420.1	-23.1	-9.2	-8.8	-25.6	84.	0.0151	0.8552	1.0971	202.	1.
5771.	415.0	-23.3	-9.3	-8.9	-25.8	84.	0.0146	0.8267	1.0956	201.	1.
5822.	409.9	-23.5	-9.4	-9.0	-26.0	84.	0.0141	0.7982	1.0941	200.	1.
5873.	404.8	-23.7	-9.5	-9.1	-26.2	84.	0.0136	0.7697	1.0926	199.	1.
5924.	399.7	-23.9	-9.6	-9.2	-26.4	84.	0.0131	0.7412	1.0911	198.	1.
5975.	394.6	-24.1	-9.7	-9.3	-26.6	84.	0.0126	0.7127	1.0896	197.	1.
6026.	389.5	-24.3	-9.8	-9.4	-26.8	84.	0.0121	0.6842	1.0881	196.	1.
6077.	384.4	-24.5	-9.9	-9.5	-27.0	84.	0.0116	0.6557	1.0866	195.	1.
6128.	379.3	-24.7	-10.0	-9.6	-27.2	84.	0.0111	0.6272	1.0851	194.	1.
6179.	374.2	-24.9	-10.1	-9.7	-27.4	84.	0.0106	0.5987	1.0836	193.	1.
6230.	369.1	-25.1	-10.2	-9.8	-27.6	84.	0.0101	0.5702	1.0821	192.	1.
6281.	364.0	-25.3	-10.3	-9.9	-27.8	84.	0.0096	0.5417	1.0806	191.	1.
6332.	358.9	-25.5	-10.4	-10.0	-28.0	84.	0.0091	0.5132	1.0791	190.	1.
6383.	353.8	-25.7	-10.5	-10.1	-28.2	84.	0.0086	0.4847	1.0776	189.	1.
6434.	348.7	-25.9	-10.6	-10.2	-28.4	84.	0.0081	0.4562	1.0761	188.	1.
6485.	343.6	-26.1	-10.7	-10.3	-28.6	84.	0.0076	0.4277	1.0746	187.	1.
6536.	338.5	-26.3	-10.8	-10.4	-28.8	84.	0.0071	0.3992	1.0731	186.	1.
6587.	333.4	-26.5	-10.9	-10.5	-29.0	84.	0.0066	0.3707	1.0716	185.	1.
6638.	328.3	-26.7	-11.0	-10.6	-29.2	84.	0.0061	0.3422	1.0701	184.	1.
6689.	323.2	-26.9	-11.1	-10.7	-29.4	84.	0.0056	0.3137	1.0686	183.	1.
6740.	318.1	-27.1	-11.2	-10.8	-29.6	84.	0.0051	0.2852	1.0671	182.	1.
6791.	313.0	-27.3	-11.3	-10.9	-29.8	84.	0.0046	0.2567	1.0656	181.	1.
6842.	307.9	-27.5	-11.4	-11.0	-30.0	84.	0.0041	0.2282	1.0641	180.	1.
6893.	302.8	-27.7	-11.5	-11.1	-30.2	84.	0.0036	0.1997	1.0626	179.	1.
6944.	297.7	-27.9	-11.6	-11.2	-30.4	84.	0.0031	0.1712	1.0611	178.	1.
6995.	292.6	-28.1	-11.7	-11.3	-30.6	84.	0.0026	0.1427	1.0596	177.	1.
7046.	287.5	-28.3	-11.8	-11.4	-30.8	84.	0.0021	0.1142	1.0581	176.	1.
7097.	282.4	-28.5	-11.9	-11.5	-31.0	84.	0.0016	0.0857	1.0566	175.	1.
7148.	277.3	-28.7	-12.0	-11.6	-31.2	84.	0.0011	0.0572	1.0551	174.	1.
7199.	272.2	-28.9	-12.1	-11.7	-31.4	84.	0.0006	0.0287	1.0536	173.	1.
7250.	267.1	-29.1	-12.2	-11.8	-31.6	84.	0.0001	0.0002	1.0521	172.	1.

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7320.	3[illegible]	-44.[illegible]	41.1	41.1	-60.9	10.	[illegible]	0.0075	0.5580	263.0	20.4
7460.	358.0	-45.1	42.7	42.7	-62.3	10.	0.0071	0.0074	0.5469	263.0	21.2
7593.	351.[illegible]	-45.[illegible]	44.7	44.7	-62.8	10.	0.0073	0.0075	0.5356	261.0	22.4
7732.	343.7	-44.[illegible]	46.[illegible]	46.[illegible]	-62.4	10.	0.0073	0.0075	0.5246	260.0	22.0
7867.	336.[illegible]	-45.[illegible]	47.[illegible]	47.[illegible]	-62.1	10.	0.0071	0.0073	0.5147	259.0	22.6
8007.	328.[illegible]	-45.7	[illegible].1	49.1	-62.5	10.	0.0066	0.0069	0.5051	256.0	22.7
8143.	322.1	-44.[illegible]	42.[illegible]	42.[illegible]	-62.[illegible]	10.	0.0074	0.0076	0.4929	257.0	22.7
8275.	316.[illegible]	-44.4	44.[illegible]	44.[illegible]	-62.4	10.	0.0077	0.0080	0.4822	257.0	22.4
8407.	309.7	-44.[illegible]	46.[illegible]	46.[illegible]	-62.3	10.	0.0079	0.0082	0.4712	258.0	22.[illegible]
8562.	302.[illegible]	-43.[illegible]	48.1	48.1	-62.3	10.	0.0082	0.0084	0.4612	259.0	21.[illegible]
8700.	297.[illegible]	-43.[illegible]	50.7	50.7	-61.1	10.	0.0093	0.0095	0.4492	261.0	21.7
8852.	290.7	-43.7	54.[illegible]	54.[illegible]	-61.[illegible]	10.	0.0094	0.0097	0.4394	261.0	21.5
8995.	284.8	-43.[illegible]	56.[illegible]	56.[illegible]	-61.[illegible]	10.	0.0092	0.0094	0.4309	262.0	21.4
9124.	279.[illegible]	-41.[illegible]	58.1	58.1	-60.7	10.	0.0098	0.0100	0.4212	262.0	21.3
9266.	273.4	-41.[illegible]	61.[illegible]	61.[illegible]	-60.[illegible]	10.	0.0125	0.0127	0.4117	262.0	21.3
9396.	268.[illegible]	-41.[illegible]	64.1	64.1	-60.1	10.	0.0127	0.0129	0.4035	263.0	21.4
9533.	262.8	-41.7	65.9	65.9	-60.2	10.	0.0126	0.0128	0.3956	263.0	21.5
9666.	257.[illegible]	-41.[illegible]	67.7	67.7	-60.2	10.	0.0105	0.0107	0.3879	264.0	21.5
9812.	251.[illegible]	-41.[illegible]	70.[illegible]	70.[illegible]	-60.[illegible]	10.	0.0108	0.0110	0.3793	264.0	21.4
9953.	247.[illegible]	-40.[illegible]	72.[illegible]	72.[illegible]	-59.[illegible]	10.	0.0120	0.0122	0.3700	264.0	21.[illegible]
10101.	241.7	-40.[illegible]	76.[illegible]	76.[illegible]	-59.7	10.	0.0129	0.0130	0.3611	264.0	21.[illegible]
10232.	237.1	-40.[illegible]	78.1	78.1	-59.[illegible]	10.	0.0124	0.0126	0.3547	265.0	21.1
10368.	232.4	-40.1	[illegible].4	[illegible].4	-59.[illegible]	10.	0.0127	0.0129	0.3474	264.0	20.[illegible]
10513.	227.[illegible]	-40.[illegible]	[illegible].7	82.[illegible]	-59.1	10.	0.0122	0.0123	0.3407	264.0	20.[illegible]
10652.	222.[illegible]	-40.[illegible]	[illegible].4	[illegible].4	-59.[illegible]	10.	0.0116	0.0118	0.3343	264.0	19.[illegible]
10793.	217.[illegible]	-41.[illegible]	[illegible].9	[illegible].9	-59.[illegible]	10.	0.0111	0.0113	0.3280	264.0	18.[illegible]
10932.	213.[illegible]	-40.[illegible]	[illegible].1	[illegible].1	-59.2	10.	0.0120	0.0122	0.3204	266.0	17.3
11080.	208.[illegible]	-41.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-59.[illegible]	10.	0.0116	0.0118	0.3135	267.0	16.1
11240.	202.4	-41.[illegible]	[illegible].[illegible]	[illegible].[illegible]	-60.2	10.	0.0105	0.0107	0.3078	267.0	15.[illegible]
11387.	200.[illegible]	-42.4	[illegible].[illegible]	[illegible].[illegible]	-60.7	10.	0.0098	0.0100	0.3019	270.0	14.5
11544.	195.4	-43.1	[illegible].[illegible]	[illegible].[illegible]	-61.3	10.	0.0090	0.0092	0.2959	270.0	14.3

SOUNDING -4.5
LATITUDE -53.[illegible] LONGITUDE -6.[illegible]
DATE 11-19-81 TIME [illegible]337 GMT
NUMBER OF LEVELS 253

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	995.6	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	-1.[illegible]	87.	[illegible].339E	4.2654	1.2740	300.0	11.0
64.	987.7	0.1	1.1	1.7	-1.2	91.	5.6256	4.4822	1.2637	299.0	10.[illegible]
127.	9[illegible].4	[illegible].[illegible]	1.6	2.[illegible]	-1.[illegible]	94.	5.7629	4.5905	1.2543	292.0	13.5
192.	976.0	-0.4	1.[illegible]	2.4	-0.[illegible]	97.	[illegible].7627	4.5827	1.2460	287.0	15.[illegible]
258.	964.5	-[illegible].[illegible]	1.[illegible]	2.[illegible]	-[illegible].[illegible]	100.	5.6980	4.5349	1.2387	285.0	17.7
312.	957.5	-1.3	2.1	2.7	-1.3	100.	5.5116	4.3931	1.2314	283.0	19.[illegible]
369.	950.7	-1.7	2.[illegible]	2.[illegible]	-1.7	100.	5.3379	4.2553	1.2243	281.0	20.1
425.	944.0	-2.[illegible]	2.[illegible]	3.1	-2.0	100.	5.1988	4.1545	1.2170	280.0	20.[illegible]
484.	937.1	-2.4	2.7	3.[illegible]	-2.4	100.	5.0275	4.0235	1.2097	279.0	21.4
542.	93[illegible].[illegible]	-2.[illegible]	2.[illegible]	3.4	-2.6	100.	4.9613	3.8962	1.2025	279.0	21.[illegible]
597.	927.7	-3.1	3.1	3.6	-3.1	100.	4.7899	3.8032	1.1954	279.0	21.5
652.	917.3	-3.4	3.[illegible]	3.9	-3.4	100.	4.6213	3.7121	1.1883	277.0	21.5
704.	911.[illegible]	-[illegible].[illegible]	5.1	5.7	-2.6	87.	4.9585	3.9707	1.1756	277.0	21.4
757.	905.[illegible]	-[illegible].[illegible]	6.[illegible]	7.6	-1.7	82.	5.2408	4.1865	1.1626	277.0	21.[illegible]
803.	900.1	0.2	8.[illegible]	9.2	-1.7	87.	5.4156	4.3232	1.1514	277.0	21.1
854.	894.3	0.2	9.1	9.7	-2.5	82.	5.1045	4.0867	1.1438	277.0	21.[illegible]
906.	888.5	[illegible].[illegible]	[illegible].[illegible]	10.[illegible]	-3.6	76.	4.6987	3.7758	1.1365	277.0	21.[illegible]
960.	882.6	-0.1	[illegible].[illegible]	10.[illegible]	-4.2	71.	4.3217	3.4809	1.1295	277.0	21.[illegible]
1016.	876.4	-0.2	10.[illegible]	10.[illegible]	-5.3	65.	3.9230	3.1738	1.1217	277.0	21.[illegible]
1075.	87[illegible].[illegible]	-0.5	[illegible].6	11.[illegible]	-6.7	59.	3.4776	2.8252	1.1144	277.0	21.[illegible]
1133.	864.7	-0.[illegible]	10.7	11.1	-8.1	54.	3.0756	2.5146	1.1077	277.0	20.9
1189.	857.6	-1.4	10.[illegible]	11.1	-9.[illegible]	48.	2.6226	2.1590	1.1015	277.0	21.[illegible]
1243.	851.[illegible]	-1.7	11.[illegible]	11.[illegible]	-11.7	42.	2.2380	1.8549	1.0950	279.0	21.1
1299.	845.[illegible]	-2.[illegible]	11.1	11.[illegible]	-13.6	37.	1.8939	1.5784	1.0890	278.0	21.1
1356.	839.5	-2.[illegible]	11.[illegible]	11.[illegible]	-16.0	31.	1.5564	1.2696	1.0830	278.0	21.2
1416.	833.4	-3.3	11.1	11.[illegible]	-18.[illegible]	25.	1.1647	0.9921	1.0769	278.0	21.4
1473.	827.4	-3.8	11.[illegible]	11.[illegible]	-22.6	18.	0.8039	0.6953	1.0708	278.0	21.[illegible]
1530.	821.4	-4.2	11.[illegible]	11.4	-27.9	11.	0.4748	0.4195	1.0643	278.0	21.7
1589.	815.2	-4.[illegible]	11.[illegible]	11.6	-34.[illegible]	6.	0.2503	0.2264	1.0578	278.0	21.9
1648.	809.4	-5.[illegible]	11.7	11.7	-43.[illegible]	1.	0.0403	0.0391	1.0515	278.0	22.2
1708.	803.5	-5.[illegible]	11.[illegible]	11.[illegible]	-50.2	1.	0.0386	0.0375	1.0458	277.0	22.4
1756.	797.[illegible]	-5.[illegible]	11.[illegible]	11.[illegible]	-50.[illegible]	1.	0.0373	0.0363	1.0401	277.0	22.5
1818.	792.6	-6.4	11.9	11.9	-50.6	1.	0.0357	0.0349	1.0351	277.0	22.[illegible]
1883.	787.2	-6.[illegible]	12.[illegible]	12.[illegible]	-51.1	1.	0.0345	0.0337	1.0296	276.0	23.0
1910.	784.[illegible]	-7.[illegible]	12.4	12.4	-51.[illegible]	1.	0.0339	0.0331	1.0236	276.0	23.2
1964.	777.5	-7.[illegible]	12.6	12.6	-51.4	1.	0.0331	0.0323	1.0182	275.0	23.4
2016.	771.9	-7.5	12.[illegible]	12.[illegible]	-51.6	1.	0.0325	0.0318	1.0123	275.0	23.6
2064.	767.1	-7.7	13.[illegible]	13.2	-46.1	2.	0.0639	0.0609	1.0068	274.0	23.6
2116.	762.0	-7.[illegible]	13.[illegible]	13.[illegible]	-42.[illegible]	4.	0.1255	0.1168	1.0009	274.0	23.[illegible]
2171.	756.6	-8.1	13.[illegible]	13.[illegible]	-33.[illegible]	9.	0.2775	0.2504	0.9947	273.0	23.[illegible]
2226.	751.2	-8.3	14.2	14.3	-27.7	16.	0.4447	0.4279	0.9885	273.0	24.0
2284.	745.6	-8.5	14.[illegible]	14.7	-32.4	10.	0.2977	0.2679	0.9817	272.0	24.2
2339.	740.3	-8.7	15.[illegible]	15.[illegible]	-39.[illegible]	5.	0.1462	0.1353	0.9753	272.0	24.1
2396.	734.9	-8.[illegible]	15.4	15.4	-45.5	3.	0.0862	0.0813	0.9689	272.0	24.1
2451.	729.7	-9.[illegible]	15.[illegible]	15.[illegible]	-47.[illegible]	2.	0.0570	0.0546	0.9624	271.0	24.1
2503.	724.8	-9.[illegible]	16.[illegible]	16.[illegible]	-43.7	3.	0.0840	0.0793	0.9567	270.0	24.2
2557.	719.7	-9.4	16.[illegible]	16.[illegible]	-41.4	4.	0.1119	0.1028	0.9507	270.0	24.2
2612.	714.[illegible]	-9.7	16.[illegible]	16.[illegible]	-44.1	3.	0.0823	0.0760	0.9450	270.0	24.3
2667.	709.[illegible]	-10.[illegible]	17.1	17.1	-44.[illegible]	3.	0.0780	0.0741	0.9393	270.0	24.3
2719.	704.7	-10.[illegible]	17.[illegible]	17.4	-24.7	21.	0.5331	0.4688	0.9344	270.0	24.[illegible]
2771.	700.0	-10.[illegible]	17.[illegible]	17.7	-20.[illegible]	42.	0.9806	0.8478	0.9296	269.0	24.5
2826.	695.0	-10.[illegible]	17.[illegible]	18.[illegible]	-16.7	59.	1.4197	1.1994	0.9244	269.0	24.6
2879.	690.2	-11.1	18.2	18.[illegible]	-15.8	78.	1.8435	1.5405	0.9191	269.0	25.0
2930.	685.[illegible]	-11.[illegible]	18.[illegible]	18.[illegible]	-15.4	83.	1.9268	1.6071	0.9137	269.0	25.[illegible]
2981.	681.1	-11.7	18.[illegible]	18.[illegible]	-15.2	87.	1.9484	1.6243	0.9091	269.0	25.[illegible]
3036.	676.2	-12.[illegible]	18.[illegible]	19.2	-17.3	89.	1.9400	1.6176	0.9036	269.0	25.[illegible]
3092.	671.3	-12.[illegible]	19.1	19.5	-12.5	90.	1.9884	1.5932	0.8981	269.0	26.3
3150.	666.2	-12.[illegible]	19.6	19.9	-13.4	92.	1.9168	1.5991	0.8920	270.0	26.[illegible]
3206.	661.2	-12.[illegible]	19.[illegible]	20.2	-13.6	93.	1.8856	1.5740	0.8864	270.0	27.3
3268.	655.[illegible]	-13.1	20.[illegible]	20.[illegible]	-14.0	92.	1.8152	1.5178	0.8802	270.0	27.[illegible]
3330.	650.[illegible]	-13.[illegible]	20.[illegible]	20.[illegible]	-14.[illegible]	91.	1.7155	1.4378	0.8747	270.0	28.[illegible]
3389.	64[illegible].[illegible]	-14.[illegible]	20.[illegible]	20.[illegible]	-15.2	89.	1.6324	1.3711	0.8689	270.0	28.[illegible]
3444.	64[illegible].9	-14.[illegible]	20.9	21.1	-16.[illegible]	85.	1.5166	1.2779	0.8635	270.0	29.[illegible]
3498.	6[illegible].[illegible]	-14.[illegible]	21.[illegible]	21.[illegible]	-16.[illegible]	81.	1.4322	1.2095	0.8582	271.0	29.8
3534.	63[illegible].9	-14.4	21.7	22.[illegible]	-17.1	78.	1.3665	1.1563	0.8532	271.0	30.[illegible]
3581.	629.4	-14.[illegible]	22.[illegible]	22.[illegible]	-17.7	75.	1.2930	1.0942	0.8491	271.0	30.7
3623.	625.[illegible]	-14.9	22.1	22.[illegible]	-18.4	72.	1.2446	1.0247	0.8453	271.0	31.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHO. (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
3664.	622.5	-15.6	22.2	22.4	-19.2	69.	1.1028	0.9579	0.8416	271.0	31.5
3726.	616.1	-16.4	22.2	22.6	-19.1	66.	1.0544	0.9018	0.8376	271.0	31.9
3747.	613.7	-16.7	22.2	22.6	-20.1	62.	0.9380	0.8473	0.8336	271.0	32.0
3788.	610.4	-16.9	22.2	22.6	-21.3	60.	0.9151	0.7872	0.8301	271.0	32.2
3827.	607.2	-16.9	22.3	22.6	-22.1	57.	0.8464	0.7298	0.8267	271.0	32.4
3872.	603.4	-16.9	22.3	22.6	-23.1	54.	0.7796	0.6744	0.8227	271.0	32.7
3918.	599.6	-16.9	22.3	22.6	-24.1	50.	0.7112	0.6099	0.8185	271.0	33.0
3962.	596.1	-17.1	22.3	22.6	-24.8	47.	0.6598	0.5593	0.8143	271.0	33.2
4013.	591.9	-17.4	22.3	22.7	-26.1	43.	0.5772	0.4999	0.8100	272.0	33.2
4060.	588.1	-17.7	22.3	22.7	-27.1	40.	0.5156	0.4534	0.8060	272.0	33.4
4108.	584.2	-17.8	22.4	22.7	-28.1	37.	0.4670	0.4136	0.8018	272.0	33.7
4145.	581.3	-18.1	22.4	22.8	-28.8	34.	0.4256	0.3779	0.7976	272.0	33.9
4186.	577.7	-18.1	22.4	22.8	-29.8	31.	0.3847	0.3427	0.7935	272.0	34.2
4225.	574.6	-18.1	22.5	22.8	-31.1	28.	0.3442	0.3070	0.7895	272.0	34.6
4268.	571.2	-18.3	22.5	22.9	-32.1	24.	0.2932	0.2631	0.7853	272.0	34.8
4309.	568.1	-18.7	22.6	22.9	-33.2	21.	0.2579	0.2273	0.7816	272.0	35.0
4349.	564.1	-18.7	22.6	22.9	-34.2	18.	0.2110	0.1924	0.7780	272.0	35.2
4390.	560.8	-18.8	22.6	22.9	-35.2	15.	0.1779	0.1571	0.7746	272.0	35.3
4426.	557.8	-18.4	22.8	23.0	-36.8	12.	0.1316	0.1222	0.7717	272.0	35.5
4466.	554.1	-18.7	22.8	23.1	-41.7	7.	0.0766	0.0697	0.7686	271.0	35.7
4504.	550.5	-20.1	22.8	23.1	-40.7	7.	0.0735	0.0684	0.7659	271.0	35.8
4542.	546.7	-20.4	22.8	23.1	-40.7	6.	0.0632	0.0589	0.7626	270.0	35.8
4580.	543.5	-20.5	22.8	23.1	-40.7	6.	0.0599	0.0561	0.7591	270.0	35.6
4621.	539.1	-20.8	22.8	23.1	-40.8	6.	0.0556	0.0518	0.7553	270.0	35.6
4675.	534.6	-21.1	22.8	23.1	-41.1	6.	0.0504	0.0471	0.7510	270.0	35.1
4722.	530.2	-21.1	22.8	23.1	-41.1	6.	0.0503	0.0470	0.7466	270.0	36.2
4768.	526.0	-21.1	22.8	23.1	-41.1	6.	0.0503	0.0470	0.7419	270.0	36.3
4813.	522.1	-21.2	22.8	23.1	-41.2	6.	0.0502	0.0469	0.7371	270.0	36.5
4867.	517.4	-21.5	22.8	23.1	-41.4	6.	0.0500	0.0467	0.7331	270.0	36.7
4914.	513.4	-21.7	22.8	23.1	-41.5	6.	0.0498	0.0465	0.7291	269.0	36.8
4958.	509.7	-21.9	22.8	23.1	-41.6	6.	0.0496	0.0463	0.7253	269.0	37.1
5038.	502.2	-22.2	22.8	23.1	-41.7	6.	0.0494	0.0461	0.7214	269.0	37.4
5080.	498.4	-22.4	22.8	23.1	-41.8	6.	0.0493	0.0460	0.7185	268.0	37.6
5122.	494.7	-22.6	22.8	23.1	-42.1	6.	0.0491	0.0458	0.7154	268.0	37.8
5114.	491.2	-22.7	22.8	23.1	-42.2	6.	0.0490	0.0457	0.7124	268.0	38.2
5150.	487.8	-22.8	22.8	23.1	-42.3	6.	0.0488	0.0456	0.7091	267.0	38.5
5188.	484.1	-23.1	22.8	23.1	-42.5	6.	0.0487	0.0454	0.7062	267.0	38.7
5228.	480.5	-23.3	22.8	23.1	-42.7	6.	0.0485	0.0453	0.7034	266.0	38.9
5268.	476.8	-23.6	22.8	23.1	-42.8	6.	0.0484	0.0452	0.7005	266.0	39.1
5308.	473.3	-23.8	22.8	23.1	-42.9	6.	0.0483	0.0451	0.6978	266.0	39.5
5348.	469.8	-24.0	22.8	23.1	-43.1	6.	0.0482	0.0450	0.6951	265.0	39.7
5389.	466.4	-24.2	22.8	23.1	-43.2	6.	0.0481	0.0449	0.6924	265.0	39.8
5429.	463.1	-24.4	22.8	23.1	-43.3	6.	0.0480	0.0448	0.6897	265.0	40.0
5469.	459.8	-24.6	22.8	23.1	-43.4	6.	0.0479	0.0447	0.6874	265.0	40.2
5490.	458.1	-24.7	22.8	23.1	-43.5	6.	0.0478	0.0446	0.6860	264.0	40.3
5521.	454.7	-24.9	22.8	23.1	-43.6	6.	0.0477	0.0445	0.6841	264.0	40.4
5560.	451.7	-24.7	22.8	23.1	-43.5	6.	0.0477	0.0445	0.6813	264.0	40.7
5597.	448.7	-24.7	22.8	23.1	-43.5	6.	0.0476	0.0444	0.6785	264.0	40.9
5633.	445.9	-24.9	22.8	23.1	-43.6	6.	0.0475	0.0443	0.6754	264.0	41.2
5673.	442.8	-25.1	22.8	23.1	-43.8	6.	0.0474	0.0442	0.6726	263.0	41.4
5712.	439.9	-25.3	22.8	23.1	-43.9	6.	0.0473	0.0441	0.6698	263.0	41.6
5742.	437.7	-25.4	22.8	23.1	-44.0	6.	0.0472	0.0440	0.6666	263.0	41.8
5780.	434.8	-25.6	22.8	23.1	-44.1	6.	0.0471	0.0439	0.6638	263.0	42.1
5821.	431.7	-25.8	22.8	23.1	-44.3	6.	0.0470	0.0438	0.6611	262.0	42.1
5862.	428.7	-26.0	22.8	23.1	-44.4	6.	0.0469	0.0437	0.6581	262.0	42.2
5902.	425.8	-26.1	22.8	23.1	-44.7	6.	0.0468	0.0436	0.6553	262.0	42.5
5931.	423.8	-26.3	22.8	23.1	-44.9	6.	0.0467	0.0435	0.6525	261.0	42.5
5972.	421.4	-26.4	22.8	23.1	-45.1	6.	0.0466	0.0434	0.6497	261.0	42.5
5911.	418.5	-27.1	22.8	23.1	-45.4	6.	0.0465	0.0433	0.6471	260.0	42.5
5949.	416.0	-27.4	22.8	23.1	-45.6	6.	0.0464	0.0432	0.6442	259.0	42.6
5987.	413.1	-27.6	22.8	23.1	-45.7	6.	0.0463	0.0431	0.6415	259.0	43.0
6023.	410.8	-27.8	22.8	23.1	-45.8	6.	0.0462	0.0430	0.6390	259.0	43.1
6060.	408.5	-28.1	22.8	23.1	-46.1	6.	0.0461	0.0429	0.6361	258.0	43.3
6098.	406.1	-28.3	22.8	23.1	-46.2	6.	0.0460	0.0428	0.6334	258.0	43.4
6135.	403.8	-28.5	22.8	23.1	-46.4	6.	0.0459	0.0427	0.6307	99.9	99.9
6173.	401.4	-28.7	22.8	23.1	-46.6	6.	0.0458	0.0426	0.6286	256.0	43.8
6212.	399.0	-28.9	22.8	23.1	-46.8	6.	0.0457	0.0425	0.6254	256.0	44.1
6248.	396.8	-29.1	22.8	23.1	-46.9	6.	0.0456	0.0424	0.6224	255.0	44.6
6288.	394.7	-29.3	22.8	23.1	-47.1	6.	0.0455	0.0423	0.6198	255.0	45.0
6316.	393.3	-29.4	22.8	23.1	-47.3	6.	0.0454	0.0422	0.6171	99.9	99.9
6350.	391.6	-29.5	22.8	23.1	-47.1	6.	0.0440	0.0409	0.6146	99.9	99.9
6388.	389.3	-29.8	22.8	23.1	-47.3	6.	0.0439	0.0408	0.6122	99.9	99.9
6424.	387.1	-30.1	22.8	23.1	-47.5	6.	0.0438	0.0407	0.6094	99.9	99.9
6463.	384.8	-30.3	22.8	23.1	-47.7	6.	0.0437	0.0406	0.6070	99.9	99.9
6499.	382.6	-30.6	22.8	23.1	-47.9	6.	0.0436	0.0405	0.6043	99.9	99.9
6536.	380.4	-30.8	22.8	23.1	-48.0	6.	0.0435	0.0404	0.6019	99.9	99.9
6574.	378.2	-31.1	22.8	23.1	-48.2	6.	0.0434	0.0403	0.5992	99.9	99.9
6611.	376.0	-31.3	22.8	23.1	-48.4	6.	0.0433	0.0402	0.5967	99.9	99.9
6647.	373.9	-31.5	22.8	23.1	-48.5	6.	0.0433	0.0402	0.5941	99.9	99.9
6682.	371.8	-31.7	22.8	23.1	-48.7	6.	0.0432	0.0401	0.5915	99.9	99.9
6720.	369.6	-31.8	22.8	23.1	-48.8	6.	0.0431	0.0400	0.5892	99.9	99.9
6757.	367.5	-32.2	22.8	23.1	-49.0	6.	0.0430	0.0399	0.5867	99.9	99.9
6795.	365.3	-32.5	22.8	23.1	-49.2	6.	0.0429	0.0398	0.5846	99.9	99.9
6831.	363.2	-32.5	22.8	23.1	-49.3	6.	0.0428	0.0397	0.5826	261.0	51.3
6864.	361.3	-33.2	22.8	23.1	-49.7	6.	0.0427	0.0396	0.5805	260.0	50.8
6901.	359.2	-33.6	22.8	23.1	-50.0	6.	0.0426	0.0395	0.5782	260.0	50.3
6938.	357.1	-33.9	22.8	23.1	-50.2	6.	0.0425	0.0394	0.5757	259.0	50.1
6977.	354.9	-34.2	22.8	23.1	-50.5	6.	0.0424	0.0393	0.5737	259.0	50.1
7010.	353.0	-34.5	22.8	23.1	-50.7	6.	0.0424	0.0393	0.5715	258.0	50.0
7046.	351.0	-34.8	22.8	23.1	-50.9	6.	0.0423	0.0392	0.5687	258.0	50.1
7085.	348.8	-35.0	22.8	23.1	-51.0	6.	0.0422	0.0391	0.5660	258.0	50.1
7125.	346.6	-35.2	22.8	23.1	-51.2	6.	0.0422	0.0391	0.5639	258.0	50.1
7163.	344.5	-35.6	22.8	23.1	-51.5	6.	0.0421	0.0390	0.5615	258.0	50.1
7201.	342.4	-35.9	22.8	23.1	-51.7	6.	0.0420	0.0389	0.5592	258.0	50.2
7241.	340.2	-36.3	22.8	23.1	-52.0	6.	0.0419	0.0388	0.5568	259.0	50.2
7279.	338.1	-36.6	22.8	23.1	-52.2	6.	0.0418	0.0387	0.5544	257.0	50.4
7317.	336.0	-36.9	22.8	23.1	-52.4	6.	0.0418	0.0387	0.5517	257.0	50.4
7360.	333.7	-37.2	22.8	23.1	-52.6	6.	0.0418	0.0387	0.5497	257.0	50.5
7397.	331.7	-37.6	22.8	23.1	-52.9	6.	0.0417	0.0386	0.5472	257.0	50.6
7438.	329.5	-37.9	22.8	23.1	-53.1	6.	0.0416	0.0385	0.5446	256.0	50.0
7479.	327.3	-38.2	22.8	23.1	-53.3	6.	0.0416	0.0385	0.5422	256.0	49.4
7518.	325.2	-38.5	22.8	23.1	-53.6	6.	0.0415	0.0384	0.5396	256.0	48.5
7559.	323.0	-38.8	22.8	23.1	-53.9	6.	0.0415	0.0384	0.5373	99.9	99.9
7597.	321.0	-39.1	22.8	23.1	-54.0	6.	0.0414	0.0383	0.5349	99.9	99.9
7637.	318.9	-39.4	22.8	23.1	-54.2	6.	0.0414	0.0383	0.5325	99.9	99.9
7677.	316.7	-39.8	22.8	23.1	-54.5	6.	0.0413	0.0382	0.5304	99.9	99.9
7716.	314.8	-40.1	22.8	23.2	-54.7	6.	0.0413	0.0382	0.5282	99.9	99.9
7752.	312.9	-40.4	22.8	23.2	-54.9	6.	0.0412	0.0381	0.5262	99.9	99.9
7787.	311.1	-40.7	22.8	23.3	-55.1	6.	0.0412	0.0381	0.5241	99.9	99.9
7826.	309.1	-41.1	22.8	23.3	-55.4	6.	0.0411	0.0380	0.5218	99.9	99.9
7865.	307.1	-41.4	22.8	23.4	-55.7	6.	0.0411	0.0380	0.5193	99.9	99.9
7900.	305.0	-41.7	22.8	23.5	-55.9	6.	0.0411	0.0380	0.5170	99.9	99.9

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7947.	342.9	-42.2	40.7	41.7	-76.1	1.	0.0010	0.0011	0.5168	66.9	85.9
7988.	340.2	-42.2	40.8	41.8	-76.2	1.	0.0010	0.0011	0.5142	66.9	85.9
8024.	338.0	-42.4	41.1	42.1	-76.4	1.	0.0010	0.0011	0.5118	66.9	86.9
8064.	335.6	-42.7	41.3	42.3	-76.6	1.	0.0010	0.0010	0.5094	66.9	88.0
8102.	333.4	-42.9	41.5	42.5	-76.7	1.	0.0010	0.0010	0.5070	67.9	89.0
8140.	331.2	-43.2	41.6	42.6	-77.0	1.	0.0010	0.0010	0.5048	66.9	90.0
8179.	329.0	-43.4	41.8	42.8	-77.1	1.	0.0010	0.0010	0.5023	66.9	91.0
8217.	326.8	-43.6	42.1	43.1	-77.3	1.	0.0009	0.0010	0.4999	66.9	92.0
8256.	324.6	-43.9	42.3	43.2	-77.5	1.	0.0009	0.0009	0.4977	66.9	93.0
8295.	322.6	-44.1	42.4	43.4	-77.6	1.	0.0009	0.0009	0.4952	66.9	94.0
8332.	320.8	-44.4	42.5	43.5	-77.8	1.	0.0009	0.0009	0.4931	66.9	95.0
8372.	318.9	-44.6	42.6	43.6	-78.0	1.	0.0009	0.0009	0.4906	66.9	95.0
8409.	317.1	-44.8	42.7	43.7	-78.1	1.	0.0009	0.0009	0.4883	66.9	96.0
8448.	315.3	-45.0	42.8	43.8	-78.3	1.	0.0009	0.0009	0.4863	66.9	96.0
8486.	313.7	-45.2	43.4	43.4	-76.4	1.	0.0007	0.0007	0.4840	256.0	57.7
8516.	312.6	-45.4	43.4	43.4	-78.6	1.	0.0007	0.0007	0.4818	255.0	58.7
8554.	311.0	-45.6	43.5	43.5	-78.7	1.	0.0007	0.0007	0.4795	255.0	58.1
8593.	309.4	-45.7	43.6	43.6	-78.8	1.	0.0007	0.0007	0.4769	255.0	58.7
8633.	307.8	-45.9	43.7	43.7	-78.9	1.	0.0007	0.0007	0.4742	255.0	59.1
8670.	306.4	-46.0	44.0	44.0	-79.0	1.	0.0007	0.0007	0.4720	255.0	59.5
8707.	304.1	-46.2	45.0	45.0	-79.0	1.	0.0007	0.0007	0.4701	255.0	59.8
8744.	303.4	-46.4	45.1	45.1	-79.4	1.	0.0007	0.0007	0.4681	255.0	60.2
8783.	302.6	-46.5	45.2	45.2	-79.7	1.	0.0006	0.0006	0.4659	255.0	60.6
8822.	300.8	-47.1	45.4	45.4	-79.8	1.	0.0006	0.0006	0.4636	254.0	60.7
8860.	299.1	-47.3	45.7	45.7	-79.9	1.	0.0006	0.0006	0.4613	254.0	60.8
8895.	297.5	-47.4	46.0	46.0	-80.1	1.	0.0006	0.0006	0.4591	254.0	61.0
8925.	296.0	-47.5	46.3	46.3	-80.1	1.	0.0006	0.0006	0.4570	254.0	61.1
8969.	294.2	-47.7	46.6	46.6	-80.2	1.	0.0006	0.0006	0.4546	254.0	61.1
9009.	292.4	-47.9	46.7	46.7	-80.5	1.	0.0006	0.0006	0.4524	254.0	61.4
9050.	290.6	-48.1	47.0	47.0	-80.6	1.	0.0006	0.0006	0.4500	254.0	61.5
9088.	288.9	-48.3	47.4	47.4	-80.7	1.	0.0005	0.0006	0.4476	254.0	61.5
9127.	287.2	-48.6	47.5	47.5	-80.9	1.	0.0005	0.0005	0.4456	253.0	61.7
9166.	285.5	-48.7	47.7	47.7	-81.0	1.	0.0005	0.0005	0.4433	253.0	61.8
9205.	283.8	-48.9	48.0	48.0	-81.1	1.	0.0005	0.0005	0.4409	253.0	61.9
9240.	282.3	-49.0	48.2	48.2	-81.2	1.	0.0005	0.0005	0.4387	253.0	62.1
9282.	280.5	-49.2	48.4	48.4	-81.3	1.	0.0005	0.0005	0.4363	253.0	62.2
9319.	279.0	-49.4	49.1	49.1	-81.5	1.	0.0005	0.0005	0.4342	252.0	62.3
9357.	277.3	-49.6	49.3	49.3	-81.6	1.	0.0005	0.0005	0.4321	252.0	62.4
9395.	275.7	-49.8	49.6	49.6	-81.8	1.	0.0004	0.0005	0.4300	252.0	62.5
9433.	274.2	-50.1	49.8	49.8	-82.0	1.	0.0004	0.0004	0.4282	252.0	62.6
9471.	272.5	-50.4	49.8	49.8	-82.2	1.	0.0004	0.0004	0.4262	252.0	62.6
9509.	270.9	-50.6	50.0	50.0	-82.4	1.	0.0004	0.0004	0.4240	252.0	62.7
9548.	269.3	-50.8	50.3	50.3	-82.5	1.	0.0004	0.0004	0.4219	252.0	62.7
9586.	267.7	-51.1	50.4	50.4	-82.7	1.	0.0003	0.0004	0.4200	252.0	62.8
9623.	266.2	-51.4	50.5	50.5	-83.0	1.	0.0003	0.0004	0.4182	252.0	62.9
9659.	264.7	-51.7	50.6	50.6	-83.2	1.	0.0003	0.0004	0.4164	252.0	62.9
9696.	263.2	-52.0	50.6	50.6	-83.4	1.	0.0003	0.0004	0.4146	252.0	62.9
9735.	261.6	-52.3	50.8	50.8	-83.6	1.	0.0003	0.0003	0.4126	252.0	62.8
9775.	260.0	-52.5	51.1	51.1	-83.8	1.	0.0003	0.0003	0.4105	252.0	62.7
9817.	258.4	-52.7	51.4	51.4	-83.9	1.	0.0003	0.0003	0.4082	252.0	62.5
9857.	256.7	-52.8	51.5	51.6	-84.0	1.	0.0003	0.0003	0.4058	252.0	62.3
9898.	255.1	-52.9	52.2	52.2	-84.1	1.	0.0003	0.0003	0.4035	252.0	62.1
9936.	253.6	-53.1	52.5	52.5	-84.2	1.	0.0003	0.0003	0.4015	251.0	61.9
9976.	252.0	-53.4	52.6	52.6	-84.4	1.	0.0003	0.0003	0.3995	252.0	61.7
10015.	250.5	-53.7	52.7	52.7	-84.6	1.	0.0003	0.0003	0.3976	251.0	61.4
10053.	249.0	-54.0	52.8	52.8	-84.9	1.	0.0003	0.0003	0.3958	251.0	61.1
10094.	247.4	-54.1	53.4	53.4	-84.9	1.	0.0003	0.0003	0.3934	251.0	60.7
10136.	245.8	-54.4	53.4	53.4	-85.2	1.	0.0003	0.0003	0.3914	251.0	60.5
10175.	244.3	-54.7	53.6	53.6	-85.4	1.	0.0003	0.0003	0.3896	251.0	60.2
10217.	242.7	-54.8	54.0	54.0	-85.5	1.	0.0002	0.0002	0.3872	250.0	60.0
10257.	241.2	-54.8	54.6	54.6	-85.5	1.	0.0002	0.0002	0.3848	250.0	59.5
10296.	239.7	-54.9	55.0	55.0	-85.5	1.	0.0002	0.0002	0.3826	250.0	59.9
10339.	238.1	-54.9	55.7	55.7	-85.5	1.	0.0002	0.0002	0.3800	251.0	57.6
10382.	236.5	-54.9	56.3	56.3	-85.5	1.	0.0002	0.0002	0.3775	251.0	56.4
10428.	234.8	-55.0	56.8	56.8	-85.6	1.	0.0002	0.0002	0.3749	251.0	55.3
10474.	233.1	-55.1	57.4	57.4	-85.7	1.	0.0002	0.0002	0.3724	251.0	53.9
10521.	231.4	-55.2	57.9	57.9	-85.8	1.	0.0002	0.0002	0.3699	252.0	52.5
10565.	229.8	-55.3	58.4	58.4	-85.8	1.	0.0002	0.0002	0.3675	252.0	51.2
10610.	228.2	-55.3	59.1	59.1	-85.8	1.	0.0002	0.0002	0.3649	252.0	49.6
10655.	226.6	-55.3	59.7	59.7	-85.8	1.	0.0002	0.0002	0.3624	253.0	47.9
10703.	224.9	-54.9	61.1	61.1	-85.5	1.	0.0002	0.0002	0.3590	253.0	46.3
10748.	223.3	-54.4	62.5	62.5	-85.2	1.	0.0002	0.0003	0.3556	254.0	44.7
10791.	221.8	-54.0	63.8	63.8	-84.9	1.	0.0002	0.0003	0.3526	255.0	43.0
10838.	220.2	-53.6	65.1	65.1	-84.6	1.	0.0002	0.0003	0.3494	255.0	41.7
10885.	218.6	-53.1	66.6	66.6	-84.2	1.	0.0002	0.0003	0.3461	255.0	40.6
10932.	217.0	-52.7	67.9	67.9	-83.9	1.	0.0002	0.0003	0.3429	255.0	39.6
10977.	215.5	-52.3	69.2	69.2	-83.6	1.	0.0002	0.0003	0.3399	256.0	38.8
11022.	214.0	-51.9	70.5	70.5	-83.3	1.	0.0003	0.0004	0.3369	256.0	37.8
11067.	212.5	-51.4	72.0	72.0	-83.0	1.	0.0003	0.0004	0.3338	258.0	37.8
11113.	211.0	-51.0	73.3	73.3	-82.7	1.	0.0003	0.0004	0.3309	260.0	38.0
11163.	209.4	-50.6	74.7	74.7	-82.4	1.	0.0004	0.0004	0.3278	260.0	38.4
11206.	208.0	-50.1	76.1	76.1	-82.0	1.	0.0004	0.0004	0.3249	260.0	38.3
11254.	206.5	-49.7	77.5	77.5	-81.7	1.	0.0004	0.0005	0.3219	263.0	38.3

SOUNDING 65.3
LATITUDE -52.9 LONGITUDE -8.3
DATE 11-16-81 TIME 1136 GMT
NUMBER OF LEVELS 451

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
0.	992.5	1.0	1.6	2.2	0.3	95.	6.2679	4.9668	1.2661	330.0	13.0
58.	985.4	0.1	1.0	1.7	-0.7	95.	5.7837	4.6002	1.2618	329.0	12.9
115.	978.4	0.0	1.7	2.3	-0.8	94.	5.7688	4.5905	1.2524	319.0	14.5
175.	971.0	-0.1	2.2	2.8	-0.8	94.	5.7225	4.5536	1.2434	312.0	16.1
233.	964.0	-0.1	2.8	3.4	-1.0	93.	5.6615	4.5072	1.2344	308.0	17.5
292.	957.0	0.0	3.5	4.1	-1.0	93.	5.7071	4.5437	1.2250	304.0	18.6
349.	950.2	0.1	4.1	4.7	-1.0	92.	5.6867	4.5283	1.2159	301.0	19.3
405.	943.5	0.0	4.6	5.2	-1.1	92.	5.6454	4.4971	1.2078	299.0	19.9
464.	936.6	-0.1	5.1	5.7	-1.2	91.	5.5391	4.4140	1.1993	297.0	20.1
523.	929.7	-0.2	5.5	6.2	-1.3	91.	5.4934	4.3792	1.1909	295.0	20.3
581.	923.0	-0.4	5.9	6.5	-1.7	90.	5.3439	4.2652	1.1831	294.0	20.3
634.	916.9	-0.7	6.1	6.7	-2.0	90.	5.2126	4.1651	1.1765	293.0	20.2
687.	910.8	-0.9	6.5	7.1	-2.2	90.	5.1270	4.0996	1.1695	293.0	20.1
743.	904.4	-1.2	6.7	7.3	-2.6	89.	4.9452	3.9605	1.1625	292.0	19.9
802.	897.8	-1.6	6.9	7.5	-3.0	89.	4.7432	3.8363	1.1556	292.0	19.8

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
859.	891.5	-1.9	7.2	7.7	-3.4	88.	4.6124	3.7052	1.1484	99.9	99.9
917.	884.9	-2.1	7.5	8.1	-3.6	88.	4.5358	3.6464	1.1409	99.9	99.9
977.	878.2	-2.3	7.9	8.5	-4.0	87.	4.4096	3.5494	1.1331	99.9	99.9
1042.	871.0	-1.9	9.0	9.6	-3.6	87.	4.5596	3.6647	1.1223	99.9	99.9
1105.	864.2	-1.7	9.9	10.4	-3.5	86.	4.5829	3.6826	1.1127	99.9	99.9
1166.	857.6	-1.7	10.5	11.0	-3.5	86.	4.5828	3.6825	1.1043	99.9	99.9
1226.	851.1	-1.7	11.1	11.7	-3.6	85.	4.5294	3.6414	1.0959	99.9	99.9
1282.	845.1	-2.1	11.2	11.8	-4.0	85.	4.3804	3.5268	1.0897	99.9	99.9
1336.	839.4	-2.4	11.5	12.0	-4.5	84.	4.2214	3.4043	1.0834	99.9	99.9
1393.	833.4	-2.7	11.6	12.3	-4.8	84.	4.1163	3.3232	1.0768	99.9	99.9
1449.	827.5	-3.1	11.9	12.4	-5.3	83.	3.9325	3.1812	1.0706	256.0	8.2
1507.	821.5	-3.5	12.1	12.6	-5.7	83.	3.8019	3.0800	1.0644	255.0	8.3
1564.	815.6	-3.4	12.8	13.3	-5.6	83.	3.8341	3.1049	1.0564	255.0	8.2
1626.	809.2	-3.4	13.4	13.9	-5.7	82.	3.7878	3.0691	1.0481	257.0	8.3
1686.	803.1	-3.6	13.6	14.2	-5.9	82.	3.7242	3.0198	1.0409	260.0	8.4
1743.	797.3	-3.9	14.1	14.6	-6.4	81.	3.5864	2.9128	1.0345	261.0	8.4
1806.	790.9	-4.1	14.5	15.0	-6.6	81.	3.5259	2.8658	1.0269	264.0	8.5
1867.	784.8	-4.3	15.0	15.4	-6.9	80.	3.4236	2.7862	1.0197	267.0	9.2
1929.	778.7	-4.5	15.4	15.9	-7.1	80.	3.3658	2.7411	1.0125	271.0	9.9
1986.	772.8	-5.0	15.5	15.9	-7.7	79.	3.1848	2.6000	1.0066	274.0	10.5
2046.	767.1	-5.5	15.6	16.0	-8.2	79.	3.0512	2.4955	1.0009	277.0	11.3
2109.	761.0	-5.9	15.8	16.2	-8.8	78.	2.9107	2.3854	0.9943	280.0	12.3
2170.	755.1	-6.2	16.1	16.5	-9.0	78.	2.8364	2.3271	0.9877	282.0	13.4
2228.	749.5	-6.5	16.4	16.8	-9.5	77.	2.7284	2.2422	0.9814	283.0	13.6
2290.	743.6	-6.9	16.6	17.0	-9.9	77.	2.6354	2.1690	0.9751	284.0	13.5
2355.	737.4	-7.4	16.8	17.1	-10.5	76.	2.4906	2.0548	0.9687	284.0	14.4
2420.	731.2	-8.0	16.8	17.2	-11.1	76.	2.3635	1.9543	0.9626	285.0	14.9
2487.	724.9	-8.5	17.0	17.3	-11.7	75.	2.2324	1.8504	0.9560	285.0	16.4
2552.	718.9	-8.9	17.2	17.5	-12.3	74.	2.1265	1.7662	0.9495	285.0	16.7
2611.	713.4	-9.1	17.6	18.0	-12.0	77.	2.1740	1.8040	0.9430	285.0	17.4
2672.	707.8	-9.2	18.2	18.5	-11.6	81.	2.2668	1.8777	0.9360	284.0	17.9
2730.	702.5	-9.4	18.6	19.0	-11.2	85.	2.3370	1.9333	0.9298	284.0	18.6
2791.	697.0	-9.6	19.0	19.4	-11.2	87.	2.3509	1.9436	0.9232	284.0	19.3
2852.	691.5	-9.9	19.4	19.7	-11.2	89.	2.3409	1.9364	0.9170	283.0	19.4
2917.	685.7	-10.3	19.6	20.0	-11.5	90.	2.2845	1.8917	0.9107	283.0	20.1
2981.	680.0	-10.5	19.8	20.1	-12.0	90.	2.1849	1.8127	0.9047	283.0	20.6
3044.	674.4	-11.4	19.6	20.1	-12.7	89.	2.0476	1.7034	0.8993	283.0	21.1
3109.	668.7	-11.9	19.9	20.2	-13.2	89.	1.9575	1.6316	0.8933	282.0	21.6
3172.	663.2	-12.4	20.1	20.4	-13.6	90.	1.8921	1.5794	0.8876	282.0	22.2
3234.	657.4	-12.8	20.3	20.7	-13.7	92.	1.8653	1.5579	0.8812	282.0	22.5
3307.	651.6	-13.3	20.5	20.8	-14.1	93.	1.8018	1.5071	0.8751	283.0	22.8
3373.	645.9	-13.9	20.5	20.8	-14.8	92.	1.6874	1.4153	0.8693	282.0	22.9
3442.	640.1	-14.5	20.7	20.9	-15.5	91.	1.5797	1.3286	0.8634	282.0	23.3
3512.	634.2	-15.0	20.9	21.1	-16.0	91.	1.5296	1.2713	0.8571	283.0	23.9
3581.	628.4	-15.5	21.1	21.3	-16.6	90.	1.4046	1.2034	0.8508	282.0	24.0
3650.	622.7	-15.9	21.4	21.6	-17.0	90.	1.3727	1.1613	0.8444	283.0	24.5
3719.	617.0	-16.3	21.7	21.9	-17.4	90.	1.3225	1.1206	0.8379	283.0	24.4
3788.	611.6	-16.8	21.9	22.1	-18.0	89.	1.2481	1.0601	0.8322	99.9	99.9
3851.	606.2	-17.3	22.0	22.2	-18.5	89.	1.1908	1.0135	0.8264	99.9	99.9
3918.	600.8	-17.7	22.2	22.5	-19.0	88.	1.1340	0.9670	0.8203	99.9	99.9
3980.	595.2	-18.5	22.2	22.4	-19.8	88.	1.0514	0.8994	0.8151	99.9	99.9
4056.	589.8	-19.2	22.1	22.3	-20.5	88.	0.9837	0.8438	0.8099	99.9	99.9
4123.	584.5	-19.9	22.1	22.3	-21.3	87.	0.9196	0.7897	0.8048	99.9	99.9
4188.	579.4	-20.5	22.2	22.4	-21.9	87.	0.8586	0.7406	0.7996	99.9	99.9
4254.	574.2	-21.1	22.2	22.4	-22.5	87.	0.8102	0.7005	0.7943	99.9	99.9
4321.	569.0	-21.7	22.3	22.4	-23.2	86.	0.7556	0.6552	0.7890	99.9	99.9
4386.	564.0	-22.4	22.3	22.5	-23.9	86.	0.7058	0.6136	0.7842	99.9	99.9
4447.	559.3	-23.0	22.3	22.7	-24.5	86.	0.6654	0.5799	0.7795	99.9	99.9
4510.	554.5	-23.5	22.2	22.6	-25.1	85.	0.6261	0.5473	0.7743	99.9	99.9
4576.	549.5	-24.0	22.4	22.6	-25.6	85.	0.5956	0.5216	0.7688	225.0	5.4
4640.	544.7	-24.4	22.5	22.8	-26.3	84.	0.5548	0.4871	0.7639	99.9	99.9
4702.	540.1	-24.1	23.5	23.9	-25.8	84.	0.5830	0.5109	0.7560	99.9	99.9
4764.	535.5	-23.7	25.1	25.5	-25.5	84.	0.6066	0.5306	0.7484	99.9	99.9
4830.	530.7	-23.3	26.7	27.4	-25.1	84.	0.6310	0.5511	0.7405	99.9	99.9
4896.	525.8	-22.7	27.8	28.3	-24.3	85.	0.6772	0.5898	0.7319	99.9	99.9
4971.	520.5	-23.2	28.3	28.4	-24.9	86.	0.6653	0.5798	0.7256	99.9	99.9
5040.	515.7	-23.4	28.6	28.7	-24.9	86.	0.6396	0.5583	0.7199	99.9	99.9
5107.	511.0	-23.7	28.9	29.0	-25.5	85.	0.6017	0.5265	0.7147	99.9	99.9
5178.	506.2	-24.4	29.1	29.4	-26.4	82.	0.5524	0.4852	0.7094	99.9	99.9
5240.	501.7	-24.6	29.3	29.6	-27.0	80.	0.5179	0.4559	0.7042	99.9	99.9
5307.	497.1	-25.2	29.4	29.7	-27.7	78.	0.4851	0.4282	0.6988	99.9	99.9
5375.	492.5	-25.6	29.6	30.1	-28.1	77.	0.4647	0.4105	0.6932	99.9	99.9
5439.	488.1	-25.9	29.8	30.2	-28.5	77.	0.4455	0.4038	0.6875	99.9	99.9
5507.	483.5	-26.0	30.1	30.5	-28.7	76.	0.4422	0.4003	0.6816	99.9	99.9
5573.	479.2	-26.1	30.7	31.2	-28.4	79.	0.4469	0.3974	0.6761	99.9	99.9
5636.	475.0	-26.4	30.9	31.4	-29.5	81.	0.4415	0.3954	0.6710	99.9	99.9
5699.	470.9	-26.8	31.1	31.6	-28.8	82.	0.4297	0.3811	0.6665	99.9	99.9
5765.	466.7	-27.4	31.4	31.9	-29.3	82.	0.4184	0.3630	0.6619	99.9	99.9
5835.	462.4	-27.8	32.0	32.4	-30.1	80.	0.3986	0.3375	0.6571	99.9	99.9
5903.	458.3	-28.0	32.4	32.7	-31.0	77.	0.3827	0.3067	0.6529	99.9	99.9
5966.	454.3	-28.0	32.8	33.0	-31.7	74.	0.3703	0.2866	0.6480	99.9	99.9
6031.	450.2	-28.1	33.1	33.2	-32.6	71.	0.3516	0.2621	0.6436	99.9	99.9
6078.	446.6	-28.4	33.1	33.2	-33.4	69.	0.3367	0.2402	0.6398	99.9	99.9
6135.	443.0	-28.4	33.3	33.5	-33.5	72.	0.3232	0.2380	0.6360	99.9	99.9
6185.	439.3	-28.6	33.4	33.6	-33.5	75.	0.3228	0.2377	0.6317	99.9	99.9
6235.	435.6	-28.7	33.7	33.9	-33.4	76.	0.3185	0.2345	0.6272	99.9	99.9
6315.	431.4	-28.4	34.1	34.2	-33.5	80.	0.3233	0.2381	0.6226	99.9	99.9
6371.	428.4	-28.7	34.4	34.6	-33.6	82.	0.3115	0.2365	0.6183	287.0	50.1
6429.	425.2	-28.8	34.6	34.8	-33.7	82.	0.3064	0.2321	0.6142	286.0	50.3
6494.	421.7	-29.1	34.8	35.0	-34.4	82.	0.2933	0.2180	0.6107	286.0	50.4
6541.	418.5	-29.4	34.9	35.1	-34.7	82.	0.2883	0.2093	0.6067	286.0	50.7
6594.	414.9	-29.7	35.1	35.3	-35.1	82.	0.2797	0.2009	0.6028	286.0	50.8
6641.	411.8	-30.0	35.3	35.5	-35.5	82.	0.2762	0.1882	0.5984	286.0	51.4
6721.	407.0	-30.4	35.7	35.9	-35.9	78.	0.2705	0.1745	0.5944	286.0	51.7
6784.	403.4	-30.8	36.0	36.2	-37.0	77.	0.2633	0.1653	0.5901	286.0	51.8
6843.	400.0	-30.9	36.1	36.3	-37.0	76.	0.2577	0.1566	0.5860	286.0	51.1
6903.	396.5	-30.9	36.3	36.5	-37.0	76.	0.2540	0.1517	0.5815	286.0	51.1
6961.	393.4	-30.9	36.7	36.9	-36.8	76.	0.2561	0.1440	0.5775	286.0	51.2
7024.	390.0	-31.0	36.7	36.9	-36.8	76.	0.2462	0.1382	0.5740	286.0	51.8
7088.	386.7	-31.2	36.8	37.0	-36.9	76.	0.2368	0.1260	0.5707	286.0	52.2
7142.	383.7	-31.4	36.7	36.9	-37.0	74.	0.2275	0.1204	0.5673	286.0	52.6
7194.	380.8	-31.6	36.7	36.9	-37.1	75.	0.2196	0.1126	0.5642	286.0	53.6
7252.	377.6	-31.8	36.8	37.0	-37.2	74.	0.2108	0.1063	0.5607	287.0	54.2
7314.	374.2	-32.1	36.9	37.1	-37.4	73.	0.2023	0.0995	0.5568	287.0	54.7
7376.	371.0	-32.4	37.0	37.2	-37.7	72.	0.1940	0.0931	0.5527	287.0	55.2
7445.	367.6	-32.7	37.1	37.3	-38.0	72.	0.1872	0.0891	0.5486	287.0	55.7
7498.	364.4	-33.0	37.2	37.4	-38.3	72.	0.1841	0.0870	0.5446	287.0	56.1
7552.	361.2	-33.4	37.3	37.5	-38.7	72.	0.1797	0.0841	0.5407	288.0	56.7
7614.	357.6	-33.8	37.4	37.6	-39.2	72.	0.1745	0.0843	0.5371	288.0	57.3

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOA (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
7680.	354.6	-41.4	38.5	38.5	-43.7	77.	0.0845	0.0798	0.5331	288.0	58.0
7742.	351.4	-41.6	38.7	38.8	-44.1	77.	0.0807	0.0764	0.5292	288.0	58.2
7806.	348.1	-42.1	39.2	39.2	-44.3	77.	0.0780	0.0739	0.5249	288.0	58.4
7870.	344.8	-42.5	39.5	39.5	-44.7	77.	0.0745	0.0706	0.5208	288.0	58.6
7937.	341.4	-43.0	39.7	39.7	-45.2	77.	0.0703	0.0668	0.5168	288.0	58.8
8004.	338.0	-43.5	39.9	39.9	-45.7	77.	0.0663	0.0632	0.5128	288.0	59.1
8070.	334.7	-44.0	40.1	40.1	-46.2	77.	0.0625	0.0597	0.5089	288.0	59.4
8136.	331.4	-44.3	40.6	40.6	-46.5	77.	0.0604	0.0577	0.5045	287.0	59.8
8197.	328.4	-44.6	41.0	41.0	-46.8	77.	0.0583	0.0558	0.5006	287.0	60.1
8260.	325.3	-45.1	41.1	41.2	-47.3	77.	0.0549	0.0527	0.4970	287.0	60.5
8324.	322.2	-45.6	41.3	41.3	-47.8	77.	0.0518	0.0498	0.4933	287.0	60.9
8382.	319.4	-46.2	41.5	41.6	-48.2	77.	0.0494	0.0476	0.4899	286.0	61.3
8440.	316.6	-46.6	41.5	41.5	-48.6	77.	0.0460	0.0444	0.4869	286.0	61.8
8497.	313.9	-46.7	42.1	42.1	-48.9	77.	0.0454	0.0439	0.4829	286.0	62.0
8554.	311.2	-46.9	42.6	42.6	-49.1	77.	0.0443	0.0429	0.4792	285.0	62.2
8612.	308.5	-47.1	42.9	42.9	-49.4	77.	0.0432	0.0419	0.4759	285.0	62.4
8668.	305.9	-47.6	43.2	43.2	-49.7	77.	0.0407	0.0395	0.4725	285.0	62.5
8724.	303.3	-47.9	43.6	43.6	-50.0	77.	0.0393	0.0382	0.4691	285.0	62.7
8785.	300.5	-48.2	44.0	44.0	-50.3	77.	0.0376	0.0366	0.4654	285.0	62.7
8846.	297.7	-48.5	44.4	44.4	-50.6	77.	0.0360	0.0350	0.4617	284.0	62.9
8911.	294.8	-48.9	44.7	44.7	-51.0	77.	0.0348	0.0339	0.4580	284.0	62.8
8973.	292.0	-49.3	45.0	45.0	-51.4	77.	0.0331	0.0324	0.4544	284.0	62.8
9036.	289.2	-49.8	45.2	45.2	-51.9	77.	0.0311	0.0305	0.4511	284.0	62.5
9100.	286.4	-50.4	45.2	45.2	-52.5	77.	0.0289	0.0284	0.4479	284.0	62.4
9159.	283.8	-50.6	45.8	45.8	-52.7	77.	0.0282	0.0277	0.4443	284.0	62.0
9219.	281.2	-51.0	46.0	46.0	-53.1	77.	0.0268	0.0264	0.4410	285.0	61.6
9277.	278.7	-51.3	46.4	46.4	-53.4	77.	0.0258	0.0255	0.4377	285.0	61.4
9333.	276.3	-51.6	46.8	46.8	-53.7	77.	0.0249	0.0246	0.4345	285.0	61.1
9392.	273.8	-51.9	47.2	47.2	-54.0	77.	0.0240	0.0237	0.4311	285.0	61.1
9448.	271.4	-52.2	47.5	47.5	-54.3	77.	0.0231	0.0229	0.4279	285.0	60.8
9508.	268.9	-52.5	47.9	47.9	-54.5	77.	0.0222	0.0220	0.4246	285.0	60.6
9568.	266.4	-52.5	48.8	48.8	-54.5	77.	0.0222	0.0220	0.4206	285.0	60.3
9624.	264.1	-52.6	49.4	49.5	-54.6	77.	0.0218	0.0216	0.4172	286.0	60.1
9683.	261.7	-52.9	49.9	49.9	-54.9	77.	0.0211	0.0210	0.4139	286.0	59.9
9742.	259.3	-53.2	50.3	50.3	-55.2	77.	0.0205	0.0202	0.4107	286.0	59.6
9802.	257.0	-53.7	51.8	51.8	-54.7	77.	0.0217	0.0215	0.4061	286.0	59.3
9860.	254.8	-52.4	55.1	55.1	-54.5	77.	0.0225	0.0223	0.4018	286.0	59.0
9919.	252.3	-52.6	54.6	54.6	-54.1	77.	0.0237	0.0234	0.3975	285.0	58.7
9976.	250.0	-51.5	56.2	56.2	-53.6	77.	0.0252	0.0249	0.3929	285.0	58.4
10035.	247.8	-52.1	56.1	56.1	-54.2	77.	0.0234	0.0231	0.3905	285.0	58.0
10093.	245.6	-52.5	56.4	56.4	-54.5	77.	0.0223	0.0220	0.3878	285.0	57.6
10151.	243.4	-52.7	56.9	56.9	-54.7	77.	0.0217	0.0215	0.3846	285.0	57.1
10207.	241.3	-52.7	57.7	57.7	-54.7	77.	0.0217	0.0215	0.3813	284.0	56.5
10266.	239.1	-52.6	58.7	58.7	-54.6	77.	0.0219	0.0218	0.3777	284.0	55.8
10320.	237.1	-52.3	59.5	60.0	-54.4	77.	0.0226	0.0226	0.3740	284.0	55.4
10380.	234.9	-52.2	61.0	61.0	-54.3	77.	0.0231	0.0228	0.3704	283.0	54.8
10435.	232.9	-52.2	61.9	61.9	-54.3	77.	0.0231	0.0228	0.3672	283.0	54.1
10494.	230.8	-52.1	62.9	62.9	-54.2	77.	0.0234	0.0231	0.3637	283.0	53.4
10553.	228.7	-52.0	63.9	63.9	-54.1	77.	0.0237	0.0234	0.3603	283.0	52.7
10613.	226.7	-52.0	64.8	64.8	-54.1	77.	0.0237	0.0234	0.3571	283.0	52.1
10670.	224.8	-52.1	65.4	65.4	-54.2	77.	0.0234	0.0231	0.3543	283.0	51.2
10719.	222.9	-52.2	65.9	65.9	-54.4	77.	0.0228	0.0226	0.3516	282.0	50.4
10774.	221.0	-52.4	66.6	66.6	-54.5	77.	0.0225	0.0223	0.3488	283.0	49.7
10827.	219.2	-51.6	68.6	68.6	-55.7	77.	0.0246	0.0246	0.3447	283.0	48.8
10881.	217.4	-50.3	70.0	70.0	-55.8	77.	0.0270	0.0267	0.3408	284.0	47.9
10935.	215.6	-50.1	72.5	72.6	-52.2	77.	0.0300	0.0294	0.3368	284.0	46.9
10987.	213.9	-49.4	74.4	74.5	-51.5	77.	0.0327	0.0321	0.3331	284.0	46.0
11036.	212.3	-48.8	76.0	76.0	-51.0	77.	0.0341	0.0335	0.3298	285.0	44.6
11082.	210.8	-48.2	77.3	77.3	-50.4	77.	0.0365	0.0356	0.3269	285.0	43.6
11132.	209.2	-48.0	78.4	78.4	-50.4	77.	0.0374	0.0364	0.3241	286.0	43.1
11182.	207.7	-47.4	79.4	79.4	-50.0	77.	0.0370	0.0360	0.3220	286.0	42.6
11227.	206.2	-46.7	79.4	79.4	-50.7	77.	0.0361	0.0351	0.3199	287.0	42.2
11275.	204.7	-46.7	79.9	80.0	-50.8	77.	0.0356	0.0347	0.3177	287.0	41.4
11317.	203.4	-46.8	80.4	80.4	-50.9	77.	0.0352	0.0343	0.3159	286.0	41.0
11365.	201.9	-46.8	81.0	81.0	-50.9	77.	0.0352	0.0343	0.3135	286.0	40.6
11414.	200.4	-46.8	81.6	81.6	-50.9	77.	0.0352	0.0345	0.3112	286.0	40.2
11464.	198.9	-46.8	82.2	82.2	-50.9	77.	0.0352	0.0347	0.3089	286.0	40.0
11517.	197.3	-46.8	83.4	83.4	-51.0	77.	0.0348	0.0339	0.3065	286.0	39.8
11567.	195.8	-46.9	84.0	84.0	-51.1	77.	0.0343	0.0335	0.3043	286.0	39.6
11614.	194.4	-49.1	84.5	84.6	-51.2	77.	0.0339	0.0331	0.3023	286.0	39.4
11664.	192.9	-49.2	85.2	85.2	-51.3	77.	0.0335	0.0327	0.3001	286.0	39.4
11715.	191.4	-49.4	85.8	85.8	-51.4	77.	0.0331	0.0323	0.2979	286.0	39.1
11767.	189.9	-49.4	86.4	86.4	-51.5	77.	0.0327	0.0320	0.2957	286.0	39.1
11819.	188.4	-49.4	87.0	87.0	-51.5	77.	0.0327	0.0320	0.2934	287.0	39.0
11871.	186.9	-49.5	87.6	87.6	-51.6	77.	0.0327	0.0316	0.2911	287.0	39.0
11924.	185.4	-49.5	88.1	88.1	-51.6	77.	0.0331	0.0323	0.2886	287.0	39.0
11977.	183.9	-49.5	88.7	88.7	-51.6	77.	0.0331	0.0323	0.2860	287.0	39.0
12027.	182.5	-49.5	89.2	89.2	-51.6	77.	0.0331	0.0320	0.2837	287.0	39.0
12074.	181.2	-49.5	89.8	89.8	-51.6	77.	0.0331	0.0323	0.2814	286.0	39.1
12121.	179.9	-49.5	90.3	90.3	-51.6	77.	0.0331	0.0327	0.2793	286.0	39.1
12169.	178.6	-49.6	90.9	90.9	-51.7	77.	0.0331	0.0331	0.2771	286.0	39.1
12217.	177.3	-49.6	91.5	91.5	-51.7	77.	0.0331	0.0331	0.2748	287.0	39.1
12268.	176.0	-49.6	92.1	92.1	-51.7	77.	0.0331	0.0331	0.2725	287.0	39.1
12314.	174.7	-49.6	92.6	92.6	-51.7	77.	0.0331	0.0331	0.2703	287.0	39.1
12367.	173.4	-49.6	93.2	93.2	-51.7	77.	0.0331	0.0331	0.2680	287.0	39.1
12422.	172.0	-49.6	93.8	93.8	-51.7	77.	0.0331	0.0331	0.2656	287.0	39.1
12476.	170.7	-49.6	94.4	94.4	-51.7	77.	0.0331	0.0331	0.2633	287.0	39.1
12526.	169.5	-47.8	101.0	101.0	-50.1	77.	0.0381	0.0381	0.2617	288.0	39.1
12579.	167.9	-47.8	101.6	101.6	-50.1	77.	0.0377	0.0377	0.2596	288.0	39.1
12626.	166.6	-47.7	102.2	102.2	-50.0	77.	0.0377	0.0377	0.2575	288.0	39.1
12674.	165.4	-47.8	104.1	104.1	-50.1	77.	0.0377	0.0377	0.2554	288.0	39.1
12722.	164.2	-47.8	104.7	104.7	-50.1	77.	0.0377	0.0377	0.2534	288.0	39.1
12772.	162.9	-47.8	105.3	105.3	-50.1	77.	0.0377	0.0377	0.2515	288.0	39.1
12822.	161.6	-47.8	105.9	105.9	-50.1	77.	0.0377	0.0377	0.2495	288.0	39.1
12868.	160.4	-47.6	106.6	107.0	-49.8	77.	0.0381	0.0381	0.2474	288.0	39.1
12934.	158.8	-47.6	107.2	107.2	-49.8	77.	0.0377	0.0377	0.2454	288.0	39.1
12984.	157.6	-47.6	107.8	107.8	-49.8	77.	0.0377	0.0377	0.2435	288.0	39.1
13035.	156.4	-47.6	108.4	108.4	-49.8	77.	0.0377	0.0377	0.2417	288.0	39.1
13086.	155.2	-47.6	109.0	109.0	-49.8	77.	0.0377	0.0377	0.2399	288.0	39.1
13137.	154.0	-47.6	109.6	109.6	-49.8	77.	0.0377	0.0377	0.2379	288.0	39.1
13188.	152.8	-47.6	110.2	110.2	-49.8	77.	0.0377	0.0377	0.2360	288.0	39.1
13240.	151.6	-47.6	110.8	110.8	-49.8	77.	0.0377	0.0377	0.2343	288.0	39.1
13292.	150.4	-47.6	111.4	111.4	-49.8	77.	0.0377	0.0377	0.2324	287.0	39.1
13340.	149.4	-47.6	112.0	112.0	-49.8	77.	0.0377	0.0377	0.2307	287.0	39.1
13389.	148.3	-47.6	112.6	112.6	-49.8	77.	0.0377	0.0377	0.2289	287.0	39.1
13437.	147.1	-47.6	113.2	113.2	-49.8	77.	0.0377	0.0377	0.2272	287.0	39.1
13488.	145.9	-47.6	113.8	113.8	-49.8	77.	0.0377	0.0377	0.2253	287.0	39.1
13538.	144.7	-47.6	114.4	114.4	-49.8	77.	0.0377	0.0377	0.2234	287.0	39.1
13588.	143.5	-47.6	115.0	115.0	-49.8	77.	0.0377	0.0377	0.2216	287.0	39.1
13638.	142.4	-47.7	115.6	115.6	-49.8	77.	0.0373	0.0373	0.2196	287.0	39.1

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
13670.	140.1	-47.2	126.1	126.2	-50.0	77.	0.0393	0.0381	0.2198	286.0	31.9
13776.	140.0	-47.2	126.0	126.2	-50.3	77.	0.0378	0.0368	0.2181	286.0	31.8
13795.	139.8	-47.4	125.9	126.1	-50.5	77.	0.0366	0.0356	0.2164	286.0	31.6
13840.	139.4	-47.5	125.8	126.1	-50.6	77.	0.0365	0.0355	0.2146	286.0	31.5
13892.	139.0	-47.4	125.9	126.2	-50.5	77.	0.0369	0.0363	0.2128	286.0	31.5
13930.	138.7	-47.3	126.0	126.4	-50.4	77.	0.0374	0.0364	0.2111	285.0	31.4
14000.	138.1	-47.1	126.2	126.5	-50.2	77.	0.0383	0.0372	0.2092	285.0	31.3
14041.	137.8	-47.0	126.4	126.6	-50.1	77.	0.0388	0.0377	0.2074	286.0	31.6
14111.	137.2	-47.0	126.4	126.7	-49.9	77.	0.0397	0.0386	0.2056	286.0	31.7
14161.	136.8	-47.0	126.4	126.7	-49.7	77.	0.0407	0.0395	0.2038	286.0	31.6
14224.	136.2	-47.0	126.4	126.7	-49.7	77.	0.0407	0.0395	0.2021	286.0	31.5
14276.	135.8	-47.0	126.4	126.8	-49.6	77.	0.0412	0.0400	0.2006	287.0	31.2
14328.	135.3	-47.0	126.4	126.8	-49.6	77.	0.0407	0.0396	0.1990	287.0	31.1
14384.	134.8	-47.0	126.4	126.8	-50.1	77.	0.0398	0.0387	0.1975	287.0	30.8
14441.	134.3	-47.0	126.4	126.8	-50.1	77.	0.0398	0.0387	0.1958	288.0	30.5
14498.	133.8	-47.0	126.4	126.8	-50.1	77.	0.0398	0.0387	0.1942	288.0	30.2
14555.	133.4	-47.0	126.4	126.8	-50.1	77.	0.0398	0.0387	0.1925	289.0	30.0
14611.	132.9	-47.0	126.4	126.8	-50.1	77.	0.0398	0.0387	0.1908	289.0	29.7
14668.	132.4	-47.0	126.4	126.8	-50.2	77.	0.0393	0.0381	0.1892	290.0	29.1
14727.	131.9	-47.1	126.4	126.8	-50.2	77.	0.0383	0.0372	0.1876	291.0	28.7
14777.	131.5	-47.1	126.4	126.8	-50.4	77.	0.0374	0.0364	0.1863	291.0	28.2
14828.	131.0	-47.2	126.3	126.8	-50.6	77.	0.0356	0.0347	0.1850	292.0	28.1
14885.	130.5	-47.1	126.4	126.8	-51.2	77.	0.0339	0.0331	0.1838	293.0	27.9
14943.	130.0	-47.1	126.4	126.8	-51.5	77.	0.0327	0.0320	0.1825	293.0	27.6
14999.	129.5	-47.1	126.4	126.8	-51.6	77.	0.0315	0.0308	0.1812	294.0	27.4
15061.	129.0	-47.1	126.4	126.8	-51.6	77.	0.0323	0.0316	0.1798	295.0	27.3
15118.	128.5	-47.1	126.4	126.8	-51.6	77.	0.0323	0.0316	0.1778	295.0	27.2
15178.	128.0	-47.1	126.4	126.8	-51.7	77.	0.0319	0.0312	0.1763	296.0	26.9
15240.	127.5	-47.1	126.4	126.8	-51.7	77.	0.0319	0.0312	0.1749	296.0	26.8
15297.	127.0	-47.1	126.4	126.8	-51.5	77.	0.0327	0.0320	0.1732	297.0	26.7
15356.	126.5	-47.1	126.4	126.8	-51.2	77.	0.0335	0.0331	0.1714	297.0	26.7
15418.	126.0	-47.1	126.4	126.8	-50.8	77.	0.0356	0.0347	0.1695	297.0	26.7
15481.	125.4	-47.1	126.4	126.8	-50.3	77.	0.0375	0.0368	0.1678	298.0	26.6
15543.	124.9	-47.1	126.4	126.8	-49.8	77.	0.0402	0.0393	0.1660	298.0	26.6
15577.	124.6	-47.1	126.4	126.8	-49.5	77.	0.0417	0.0404	0.1642	298.0	26.5
15670.	123.8	-47.2	126.4	126.8	-49.3	77.	0.0427	0.0414	0.1627	299.0	26.6
15670.	123.8	-47.2	126.3	126.8	-49.4	77.	0.0422	0.0409	0.1614	299.0	26.6
15748.	123.2	-47.2	126.3	126.8	-49.5	77.	0.0417	0.0404	0.1601	299.0	26.7
15824.	122.6	-47.2	126.3	126.8	-49.6	77.	0.0412	0.0399	0.1587	300.0	26.8
15902.	122.0	-47.2	126.3	126.8	-49.7	77.	0.0407	0.0395	0.1574	300.0	26.8
15987.	121.3	-47.1	126.4	126.8	-49.7	77.	0.0407	0.0395	0.1559	300.0	27.0
16068.	120.7	-47.1	126.4	126.8	-49.3	77.	0.0432	0.0418	0.1541	300.0	27.2
16153.	120.0	-46.7	126.8	127.1	-48.9	77.	0.0454	0.0438	0.1523	300.0	27.3
16113.	119.1	-46.1	127.5	127.8	-48.3	77.	0.0487	0.0470	0.1506	300.0	27.3
16174.	118.6	-45.9	127.8	128.1	-47.8	77.	0.0530	0.0509	0.1487	300.0	27.3
16221.	118.2	-45.7	128.0	128.4	-47.9	77.	0.0511	0.0492	0.1477	300.0	27.3
16282.	117.6	-46.1	127.6	128.0	-48.3	77.	0.0487	0.0470	0.1466	300.0	27.3
16347.	117.0	-46.4	127.4	127.8	-48.6	77.	0.0470	0.0454	0.1455	299.0	27.4
16404.	116.5	-46.6	127.2	127.6	-48.8	77.	0.0459	0.0443	0.1444	299.0	27.4
16466.	115.9	-46.8	127.0	127.4	-49.0	77.	0.0448	0.0433	0.1433	298.0	26.9
16513.	115.4	-47.0	126.7	127.3	-49.2	77.	0.0438	0.0423	0.1424	298.0	27.2
16580.	114.8	-46.7	127.1	127.6	-48.9	77.	0.0454	0.0438	0.1410	297.0	27.0
16629.	114.4	-46.6	127.2	127.7	-48.6	77.	0.0470	0.0454	0.1395	297.0	26.7
16677.	114.1	-46.5	127.4	127.8	-48.4	77.	0.0487	0.0470	0.1383	296.0	26.2
16734.	113.6	-46.3	127.7	128.1	-48.2	77.	0.0493	0.0475	0.1370	296.0	25.9
16786.	113.2	-46.3	127.7	128.1	-48.1	77.	0.0499	0.0481	0.1359	296.0	25.7
16842.	112.7	-46.2	127.8	128.2	-48.0	77.	0.0504	0.0486	0.1346	296.0	25.5
16892.	112.3	-46.1	127.9	128.3	-47.9	77.	0.0493	0.0475	0.1336	295.0	25.2
16944.	111.8	-46.1	128.0	128.4	-48.3	77.	0.0487	0.0470	0.1325	296.0	25.0
17010.	111.3	-46.1	128.0	128.4	-48.3	77.	0.0487	0.0470	0.1314	295.0	24.7
17072.	110.8	-46.1	128.0	128.4	-48.3	77.	0.0487	0.0470	0.1303	296.0	24.5
17138.	110.3	-46.1	128.0	128.4	-48.5	77.	0.0476	0.0459	0.1292	296.0	24.4
17198.	109.8	-46.4	127.8	128.2	-48.6	77.	0.0470	0.0454	0.1282	297.0	24.3
17246.	109.4	-46.5	127.7	128.2	-48.7	77.	0.0465	0.0448	0.1272	298.0	24.1
17332.	108.6	-46.4	127.8	128.2	-48.6	77.	0.0470	0.0454	0.1260	298.0	24.0
17381.	108.1	-46.3	127.9	128.3	-48.5	77.	0.0476	0.0459	0.1250	299.0	24.0
17469.	107.4	-46.3	127.9	128.3	-48.6	77.	0.0470	0.0454	0.1240	300.0	23.8
17556.	106.7	-46.3	127.9	128.3	-48.5	77.	0.0476	0.0459	0.1231	300.0	23.6
17626.	106.1	-46.4	127.8	128.2	-48.4	77.	0.0482	0.0464	0.1219	301.0	23.5
17670.	105.7	-46.4	127.8	128.2	-48.3	77.	0.0487	0.0470	0.1208	301.0	23.3
17734.	105.2	-46.5	127.7	128.2	-48.1	77.	0.0498	0.0481	0.1196	301.0	23.2
17804.	104.7	-46.6	127.6	128.1	-47.8	77.	0.0517	0.0497	0.1184	302.0	23.1
17849.	104.3	-46.7	127.5	128.1	-47.6	77.	0.0536	0.0515	0.1173	302.0	23.0
17909.	103.8	-46.8	127.4	128.0	-47.4	77.	0.0555	0.0533	0.1162	302.0	22.8
17980.	103.2	-46.8	127.4	128.0	-47.2	77.	0.0576	0.0557	0.1150	302.0	22.6
18044.	102.7	-46.9	127.3	128.0	-47.0	77.	0.0597	0.0577	0.1139	302.0	22.4
18098.	102.3	-47.0	127.2	127.9	-46.9	77.	0.0585	0.0564	0.1131	303.0	22.1
18141.	101.9	-47.0	127.2	127.9	-46.9	77.	0.0575	0.0551	0.1121	303.0	21.8
18206.	101.3	-47.0	127.2	127.9	-46.9	77.	0.0575	0.0551	0.1112	303.0	21.7
18257.	100.9	-47.0	127.2	127.9	-46.8	77.	0.0586	0.0562	0.1103	303.0	21.4
18317.	100.4	-47.0	127.2	127.9	-46.8	77.	0.0586	0.0573	0.1092	304.0	21.2
18377.	99.9	-47.0	127.2	127.9	-46.7	77.	0.0617	0.0593	0.1082	304.0	21.1
18431.	99.5	-47.0	127.2	127.9	-46.6	77.	0.0617	0.0590	0.1073	305.0	21.0
18487.	99.0	-47.0	127.2	127.9	-46.4	77.	0.0610	0.0583	0.1064	306.0	20.9
18542.	98.6	-47.0	127.2	127.9	-46.5	77.	0.0603	0.0577	0.1055	306.0	20.8
18602.	98.1	-47.0	127.2	127.9	-46.5	77.	0.0603	0.0577	0.1045	307.0	20.7
18651.	97.7	-47.0	127.2	127.9	-46.4	77.	0.0610	0.0583	0.1035	307.0	20.7
18711.	97.2	-47.0	127.2	127.9	-46.2	77.	0.0625	0.0596	0.1025	308.0	20.7
18781.	96.7	-47.0	127.2	127.9	-46.2	77.	0.0625	0.0596	0.1015	308.0	20.7
18741.	96.1	-47.1	127.1	127.9	-46.3	77.	0.0617	0.0590	0.1006	309.0	20.6
18792.	95.6	-47.1	127.1	127.9	-46.4	77.	0.0610	0.0583	0.0999	309.0	20.5
18853.	95.0	-47.1	127.1	127.9	-46.4	77.	0.0610	0.0583	0.0990	310.0	20.5
18918.	94.4	-47.1	127.1	127.9	-46.3	77.	0.0617	0.0590	0.0980	311.0	20.6
18981.	93.9	-47.1	127.1	127.9	-46.1	77.	0.0632	0.0603	0.0972	311.0	20.9
19041.	93.4	-47.0	127.2	127.9	-46.0	77.	0.0640	0.0610	0.0962	311.0	20.7
19104.	92.9	-47.0	127.2	127.9	-45.9	77.	0.0655	0.0624	0.0954	311.0	20.9
19214.	92.0	-47.0	127.2	127.9	-45.9	77.	0.0670	0.0645	0.0943	311.0	20.8
19219.	91.6	-47.0	127.2	127.9	-45.9	77.	0.0684	0.0653	0.0934	311.0	20.9
19284.	91.1	-47.0	127.2	127.9	-45.8	77.	0.0686	0.0653	0.0926	312.0	21.0
19334.	90.7	-47.0	127.2	127.9	-45.8	77.	0.0676	0.0638	0.0918	312.0	21.0
19401.	90.2	-47.0	127.2	127.9	-45.8	77.	0.0655	0.0624	0.0911	312.0	21.0
19468.	89.7	-47.0	127.2	127.9	-46.1	77.	0.0632	0.0603	0.0903	312.0	21.0
19521.	89.3	-47.1	127.1	127.9	-46.3	77.	0.0617	0.0590	0.0896	312.0	21.0
19572.	88.9	-47.1	127.1	127.9	-46.4	77.	0.0610	0.0583	0.0889	312.0	21.0
19641.	88.3	-47.1	127.1	127.9	-46.5	77.	0.0603	0.0577	0.0880	312.0	20.9
19693.	87.9	-47.1	127.1	127.9	-46.5	77.	0.0603	0.0577	0.0873	312.0	20.8
19756.	87.4	-47.1	127.1	127.9	-46.4	77.	0.0610	0.0583	0.0865	312.0	20.7
19817.	86.9	-47.1	127.1	127.9	-46.5	77.	0.0603	0.0577	0.0858	312.0	20.6
19882.	86.4	-47.1	127.1	127.9	-46.6	77.	0.0596	0.0570	0.0852	312.0	20.5

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)	DIR (DEG)	SPEED (M/S)
19925.	55.4	-44.5	249.7	249.5	-46.7	77.	0.0580	0.0564	0.0845	312.0	20.5
19986.	54.9	-44.6	250.4	250.6	-46.8	77.	0.0582	0.0557	0.0837	312.0	20.3
20047.	54.4	-44.6	251.0	252.0	-46.8	77.	0.0582	0.0557	0.0830	311.0	20.1
20108.	53.9	-44.5	253.4	253.6	-46.7	77.	0.0589	0.0564	0.0822	311.0	19.9
20159.	53.5	-44.4	254.8	255.0	-46.6	77.	0.0596	0.0570	0.0815	311.0	19.5
20221.	53.0	-44.4	256.2	256.4	-46.6	77.	0.0596	0.0570	0.0808	311.0	19.1
20284.	52.5	-44.4	257.6	257.9	-46.6	77.	0.0596	0.0570	0.0800	311.0	18.7
20348.	52.0	-44.4	259.1	259.3	-46.6	77.	0.0596	0.0570	0.0792	311.0	18.3
20400.	51.6	-44.5	260.0	260.2	-46.7	77.	0.0589	0.0564	0.0787	311.0	17.9
20478.	51.0	-44.8	261.1	261.3	-47.0	77.	0.0566	0.0545	0.0779	311.0	17.4
20531.	50.6	-45.0	261.8	262.1	-47.2	77.	0.0555	0.0533	0.0773	312.0	17.1
20597.	50.1	-45.2	262.9	263.1	-47.4	77.	0.0542	0.0521	0.0766	313.0	16.7
20650.	49.7	-45.4	263.6	263.8	-47.6	77.	0.0530	0.0509	0.0761	313.0	16.4
20718.	49.2	-45.5	264.5	264.8	-47.7	77.	0.0523	0.0503	0.0753	313.0	16.1
20772.	48.8	-45.5	265.2	265.4	-47.7	77.	0.0523	0.0503	0.0747	314.0	15.9
20841.	48.3	-45.5	266.1	266.3	-47.7	77.	0.0523	0.0503	0.0740	316.0	15.7
20896.	47.9	-45.5	266.9	267.1	-47.7	77.	0.0523	0.0503	0.0733	317.0	15.5
20966.	47.4	-45.4	267.8	268.0	-47.6	77.	0.0530	0.0509	0.0726	317.0	15.3
21022.	47.0	-45.3	268.5	268.7	-47.5	77.	0.0536	0.0515	0.0719	319.0	15.1
21079.	46.6	-44.9	269.4	269.6	-47.1	77.	0.0562	0.0539	0.0712	320.0	15.1
21151.	46.1	-44.8	270.7	270.9	-46.8	77.	0.0582	0.0557	0.0703	320.0	14.9
21210.	45.7	-44.7	271.8	272.0	-46.7	77.	0.0588	0.0564	0.0697	321.0	14.7
21269.	45.3	-44.7	272.9	273.1	-46.7	77.	0.0588	0.0564	0.0691	323.0	14.5
21328.	44.9	-44.6	274.1	274.3	-46.6	77.	0.0596	0.0570	0.0684	324.0	14.4
21388.	44.5	-44.6	275.3	275.6	-46.6	77.	0.0596	0.0570	0.0678	324.0	14.2
21448.	44.1	-44.6	276.5	276.8	-46.7	77.	0.0589	0.0564	0.0672	325.0	14.0
21524.	43.6	-44.5	278.3	278.6	-46.7	77.	0.0589	0.0564	0.0665	326.0	14.0
21586.	43.2	-44.4	279.8	280.1	-46.6	77.	0.0596	0.0570	0.0658	326.0	13.9
21648.	42.8	-44.3	281.3	281.6	-46.5	77.	0.0603	0.0577	0.0652	327.0	13.8
21711.	42.4	-44.1	282.8	283.1	-46.3	77.	0.0617	0.0590	0.0645	327.0	13.7
21759.	42.1	-43.9	283.9	284.2	-46.2	77.	0.0639	0.0610	0.0640	327.0	13.6
21823.	41.7	-43.8	285.7	286.0	-45.8	77.	0.0655	0.0624	0.0633	326.0	13.7
21888.	41.3	-43.8	287.7	287.9	-45.8	77.	0.0655	0.0624	0.0627	328.0	13.6
21953.	40.9	-43.8	289.5	289.8	-45.8	77.	0.0655	0.0624	0.0621	328.0	13.7
22019.	40.5	-43.8	291.5	291.8	-45.8	77.	0.0655	0.0624	0.0615	329.0	13.8
22086.	40.1	-43.5	292.3	292.7	-45.7	77.	0.0662	0.0631	0.0609	330.0	13.8
22136.	39.8	-43.3	294.1	294.4	-45.5	77.	0.0678	0.0645	0.0604	330.0	13.9
22204.	39.4	-43.2	296.0	296.4	-45.4	77.	0.0686	0.0653	0.0598	330.0	14.0
22255.	39.1	-43.3	297.4	297.7	-45.5	77.	0.0678	0.0645	0.0593	331.0	14.1
22324.	38.7	-43.5	298.5	298.8	-45.7	77.	0.0662	0.0631	0.0588	331.0	14.1
22377.	38.4	-43.6	299.7	300.1	-45.8	77.	0.0639	0.0610	0.0584	332.0	14.4
22447.	38.0	-44.0	310.2	310.3	-46.2	77.	0.0625	0.0596	0.0578	332.0	14.5
22518.	37.6	-44.2	311.4	311.6	-46.4	77.	0.0610	0.0583	0.0573	333.0	14.8
22571.	37.3	-44.4	312.1	312.4	-46.6	77.	0.0596	0.0570	0.0569	333.0	14.8
22644.	36.9	-44.6	313.4	313.7	-46.8	77.	0.0582	0.0557	0.0563	333.0	14.9
22698.	36.6	-44.7	314.5	314.8	-46.9	77.	0.0575	0.0551	0.0559	333.0	15.0
22772.	36.2	-44.8	315.8	316.1	-47.1	77.	0.0562	0.0539	0.0553	334.0	15.0
22827.	35.9	-45.1	316.7	317.0	-47.3	77.	0.0549	0.0526	0.0549	334.0	15.0
22902.	35.5	-45.3	318.0	318.4	-47.5	77.	0.0536	0.0515	0.0543	334.0	15.1
22958.	35.2	-45.4	319.2	319.6	-47.6	77.	0.0530	0.0509	0.0539	335.0	15.2
23034.	34.8	-45.4	321.2	321.5	-47.6	77.	0.0530	0.0509	0.0533	335.0	14.9
23092.	34.5	-45.4	322.6	323.0	-47.6	77.	0.0530	0.0509	0.0528	335.0	14.6
23150.	34.2	-45.5	323.9	324.3	-47.8	77.	0.0517	0.0497	0.0524	335.0	14.3
23229.	33.8	-45.8	325.1	325.4	-48.0	77.	0.0505	0.0486	0.0518	335.0	14.0
23288.	33.5	-45.9	326.3	326.7	-48.1	77.	0.0499	0.0480	0.0514	335.0	13.7
23348.	33.2	-45.9	327.5	328.2	-48.1	77.	0.0499	0.0480	0.0509	335.0	13.4
23408.	32.9	-45.9	329.4	329.8	-48.1	77.	0.0499	0.0480	0.0505	336.0	13.1
23489.	32.5	-46.7	332.1	332.4	-47.9	77.	0.0511	0.0492	0.0498	336.0	12.7
23551.	32.2	-46.6	334.0	334.3	-47.8	77.	0.0517	0.0497	0.0493	336.0	12.4
23634.	31.8	-46.6	336.1	336.5	-47.8	77.	0.0517	0.0497	0.0487	337.0	11.9
23676.	31.6	-46.7	337.0	337.3	-47.9	77.	0.0511	0.0492	0.0484	337.0	11.5
23740.	31.3	-46.8	338.4	338.7	-48.0	77.	0.0505	0.0486	0.0480	338.0	11.2
23804.	31.0	-46.9	339.8	340.1	-48.1	77.	0.0499	0.0480	0.0476	339.0	10.7
23898.	30.6	-46.9	342.0	342.4	-48.1	77.	0.0499	0.0480	0.0470	340.0	10.3
23955.	30.3	-46.9	343.2	344.2	-48.1	77.	0.0499	0.0480	0.0465	342.0	10.1
24022.	30.0	-46.0	345.3	345.6	-46.2	77.	0.0493	0.0475	0.0461	345.0	9.9
24088.	29.7	-46.1	346.8	347.2	-48.3	77.	0.0487	0.0470	0.0456	347.0	9.5
24133.	29.5	-46.1	348.0	348.4	-48.3	77.	0.0487	0.0470	0.0453	350.0	9.2
24201.	29.2	-46.1	349.8	350.2	-48.3	77.	0.0487	0.0470	0.0448	353.0	9.0
24270.	28.9	-46.0	351.9	352.3	-48.2	77.	0.0493	0.0475	0.0444	355.0	8.9
24339.	28.6	-46.1	353.5	353.9	-48.3	77.	0.0487	0.0470	0.0439	358.0	8.8
24386.	28.4	-46.3	354.6	354.6	-48.5	77.	0.0476	0.0459	0.0437	2.0	8.8
24456.	28.1	-46.5	355.9	355.9	-48.7	77.	0.0465	0.0448	0.0432	4.0	8.7
24527.	27.8	-46.6	357.2	357.6	-48.8	77.	0.0459	0.0443	0.0428	5.0	8.6
24575.	27.6	-46.6	358.1	358.9	-48.8	77.	0.0459	0.0443	0.0425	9.0	8.5
24644.	27.3	-46.7	360.7	361.2	-48.7	77.	0.0465	0.0448	0.0420	11.0	8.5
24721.	27.0	-46.5	362.8	363.2	-48.7	77.	0.0465	0.0448	0.0415	12.0	8.4
24773.	26.8	-46.1	365.0	365.7	-48.3	77.	0.0487	0.0470	0.0412	14.0	8.4
24845.	26.5	-45.7	368.0	368.0	-47.9	77.	0.0511	0.0492	0.0406	16.0	8.2
24895.	26.3	-45.1	371.5	372.0	-47.3	77.	0.0545	0.0526	0.0402	17.0	8.2
24972.	26.0	-44.6	375.0	375.6	-46.7	77.	0.0580	0.0564	0.0397	18.0	8.1
25024.	25.8	-44.0	378.2	378.8	-46.2	77.	0.0625	0.0596	0.0393	18.0	8.1
25102.	25.5	-43.8	381.8	382.4	-45.7	77.	0.0662	0.0631	0.0387	18.0	8.0
25182.	25.2	-43.0	385.4	386.1	-45.2	77.	0.0722	0.0667	0.0382	18.0	7.9
25236.	25.0	-42.6	388.1	388.8	-44.8	77.	0.0755	0.0698	0.0378	18.0	7.8
25317.	24.7	-42.3	391.2	392.0	-44.5	77.	0.0781	0.0721	0.0373	18.0	7.8
25372.	24.5	-42.1	393.3	394.1	-44.3	77.	0.0779	0.0738	0.0370	17.0	7.8
25428.	24.3	-41.9	395.5	396.3	-44.2	77.	0.0797	0.0754	0.0367	16.0	7.7
25512.	24.0	-41.5	399.1	399.9	-43.8	77.	0.0835	0.0788	0.0362	15.0	7.7
25568.	23.8	-41.6	401.3	402.1	-43.9	77.	0.0825	0.0780	0.0359	15.0	7.7
25626.	23.6	-41.7	403.1	403.9	-44.1	77.	0.0816	0.0771	0.0356	13.0	7.7
25712.	23.3	-41.9	403.8	404.4	-44.2	77.	0.0797	0.0754	0.0352	12.0	7.6
25771.	23.1	-42.0	404.9	405.8	-44.2	77.	0.0788	0.0746	0.0349	11.0	7.6
25859.	22.8	-42.1	407.0	407.8	-44.3	77.	0.0779	0.0738	0.0344	10.0	7.5
25919.	22.6	-42.3	408.2	409.2	-44.5	77.	0.0761	0.0721	0.0342	10.0	7.5
25979.	22.4	-42.5	409.1	410.2	-44.8	77.	0.0735	0.0698	0.0339	9.0	7.7
26070.	22.1	-42.9	410.0	411.7	-45.1	77.	0.0710	0.0675	0.0335	10.0	8.0
26131.	21.9	-43.1	410.1	412.1	-45.3	77.	0.0694	0.0660	0.0332	7.0	7.8
26193.	21.7	-43.4	410.5	413.0	-45.6	77.	0.0670	0.0638	0.0330	7.0	8.2
26255.	21.5	-43.5	410.1	413.0	-45.5	77.	0.0678	0.0645	0.0326	358.0	8.7
26349.	21.2	-43.3	417.4	418.7	-45.5	77.	0.0678	0.0645	0.0322	350.0	9.1
26413.	21.0	-43.3	419.7	420.6	-45.5	77.	0.0678	0.0645	0.0319	353.0	9.5
26477.	20.8	-43.6	421.0	421.8	-45.7	77.	0.0662	0.0631	0.0316	348.0	9.9
26542.	20.6	-43.8	422.6	423.5	-45.8	77.	0.0655	0.0624	0.0313	346.0	10.6
26608.	20.4	-43.8	424.6	425.4	-45.8	77.	0.0655	0.0624	0.0310	343.0	11.5
26674.	20.2	-43.5	426.8	427.7	-45.7	77.	0.0662	0.0631	0.0307	339.0	12.5
26741.	20.0	-43.4	428.1	428.9	-45.6	77.	0.0670	0.0638	0.0304	335.0	13.5
26809.	19.8	-43.1	429.1	429.9	-45.3	77.	0.0684	0.0660	0.0300	332.0	14.5
26843.	19.7	-42.7	434.3	435.3	-44.9	77.	0.0727	0.0690	0.0298	99.9	99.9

Table C1. Summary of Airsonde soundings.

SOUNDING	DATE	TIME (GMT)	LATITUDE	LONGITUDE	LEVELS
1	10-18-81	1418	-53.8	-8.8	114
2	10-20-81	1139	-56.2	3.5	60
3	10-20-81	1304	-56.4	3.7	151
4	10-20-81	1444	-56.6	4.1	68
5	10-20-81	1644	-56.8	4.6	112
6	10-20-81	1756	-56.9	4.9	139
8	10-20-81	2110	-57.2	5.0	139
9	10-27-81	1150	-61.3	2.9	19
10	10-29-81	2243	-62.0	2.4	38
11	11- 2-81	600	-62.2	2.8	151
12	11- 2-81	853	-62.2	2.9	93
13	11- 2-81	1630	-62.3	2.9	73
14	11- 2-81	1805	-62.3	3.0	30
15	11- 2-81	2054	-62.3	3.0	18
16	11- 2-81	2118	-62.3	3.0	60
17	11- 3-81	316	-62.3	3.1	51
18	11- 3-82	604	-62.3	3.2	157
19	11- 3-81	857	-62.3	3.2	138
20	11- 3-81	1454	-62.3	2.9	21
21	11- 5-81	559	-62.2	1.1	32
22	11- 5-81	858	-62.2	1.2	195
23	11- 5-81	1455	-62.2	1.2	136
24	11- 5-81	1755	-62.1	1.2	123
25	11- 5-81	2057	-62.1	1.2	199
26	11-11-81	639	-60.1	0.3	30
27	11-11-81	849	-60.1	0.2	60
28	11-11-81	1454	-60.1	0.3	36
29	11-11-81	1755	-60.0	0.2	14
30	11-11-81	2056	-60.0	0.3	198
31	11-12-81	317	-60.1	0.4	20
32	11-12-81	618	-60.0	0.4	72
33	11-12-81	911	-59.8	0.4	70
34	11-12-81	1446	-59.5	0.6	181
35	11-12-81	1752	-59.5	0.6	32
36	11-12-81	2054	-59.2	0.6	79
37	11-13-81	333	-59.2	0.8	36
38	11-13-81	604	-58.8	0.7	93
39	11-13-81	857	-58.5	0.7	74
40	11-13-81	1517	-58.4	1.1	235
41	11-13-81	1807	-58.5	1.1	21
42	11-13-81	2057	-58.4	1.2	45
43	11-14-81	342	-57.4	0.6	67
44	11-14-81	559	-56.5	0.2	68
45	11-14-81	847	-56.5	-0.1	4
46	11-16-81	1136	-52.9	-8.6	52

Table C2. Data collected during each sounding.

SOUNDING 1.6
LATITUDE -53.8 LONGITUDE -8.8
DATE 10-18-81 TIME 1418 GMT
NUMBER OF LEVELS 114

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)
8.	1000.1	-0.6	-0.6	-0.3	-0.7	99.	6.7940	4.6083	1.2829
53.	993.5	-0.7	0.2	0.6	-0.7	97.	6.7939	4.6079	1.2731
77.	990.5	-0.1	0.8	1.3	-0.5	97.	6.8005	4.6813	1.2684
104.	987.2	0.2	1.2	1.8	-0.3	96.	6.9885	4.7557	1.2629
131.	983.9	0.1	1.4	2.0	-0.2	96.	6.0381	4.7933	1.2591
157.	980.7	0.1	1.6	2.2	-0.2	96.	6.0380	4.7932	1.2551
183.	977.5	0.1	1.6	2.2	-0.2	96.	6.0379	4.7932	1.2510
208.	974.4	0.1	2.1	2.8	-0.2	96.	6.0378	4.7931	1.2470
234.	971.3	0.1	2.4	3.1	-0.2	96.	6.0378	4.7931	1.2431
261.	968.0	0.2	2.5	3.4	-0.1	96.	6.0377	4.8309	1.2385
287.	964.9	0.1	2.9	3.6	-0.1	96.	6.0376	4.8308	1.2350
313.	961.7	0.1	3.0	3.8	-0.2	96.	6.0375	4.7929	1.2308
338.	958.7	0.1	3.2	4.0	-0.2	96.	6.0375	4.7928	1.2275
364.	955.6	-0.1	3.5	4.1	-0.3	96.	5.9678	4.7551	1.2239
393.	952.2	-0.3	3.5	4.2	-0.4	96.	5.9384	4.7176	1.2204
417.	949.3	-0.4	3.7	4.3	-0.5	96.	5.8895	4.6805	1.2171
445.	946.0	-0.5	3.8	4.5	-0.6	96.	5.8409	4.6436	1.2133
474.	942.6	-0.6	4.0	4.7	-0.6	100.	5.8408	4.6435	1.2094
506.	938.8	-0.6	4.4	5.0	-0.6	100.	5.8407	4.6434	1.2046
542.	934.6	-0.2	5.1	5.8	-0.4	98.	5.9380	4.7173	1.1995
574.	930.9	0.2	5.8	6.5	-0.3	96.	5.9871	4.7546	1.1911
600.	927.8	0.2	6.1	6.8	-0.3	96.	5.9871	4.7545	1.1872
628.	924.6	0.4	6.5	7.2	-0.3	96.	5.9870	4.7545	1.1826
658.	921.1	0.3	6.8	7.5	-0.2	96.	5.9365	4.7921	1.1782
688.	917.7	0.3	7.1	7.8	-0.2	96.	5.9364	4.7920	1.1739
722.	913.8	0.1	7.2	7.9	-0.2	98.	6.0363	4.7919	1.1698
753.	910.3	-0.2	7.2	7.9	-0.3	99.	5.9866	4.7542	1.1665
783.	906.9	-0.4	7.3	8.0	-0.5	99.	5.8884	4.6796	1.1630
814.	903.4	-0.5	7.5	8.2	-0.6	99.	5.8398	4.6427	1.1589
842.	900.2	-0.5	7.8	8.5	-0.5	100.	5.8883	4.6795	1.1548
871.	896.9	-0.6	8.0	8.7	99.9	100.	5.8388	4.6723	1.1510
898.	893.9	-0.7	8.2	8.9	99.9	100.	5.7898	4.6347	1.1476
926.	890.6	-0.9	8.3	9.0	99.9	100.	5.6937	4.5607	1.1441
955.	887.5	-0.9	8.5	9.2	99.9	100.	5.6928	4.5601	1.1402
985.	884.2	-1.2	8.4	9.1	99.9	100.	5.5059	4.4160	1.1375
1012.	881.2	-1.5	8.5	9.1	99.9	100.	5.4142	4.3453	1.1344
1043.	877.8	-1.7	8.6	9.2	99.9	100.	5.3237	4.2755	1.1308
1068.	875.0	-1.8	9.0	9.6	99.9	100.	5.3675	4.3094	1.1268
1098.	871.7	-1.8	9.1	9.7	99.9	100.	5.2778	4.2402	1.1233
1127.	868.6	-1.9	9.2	9.9	99.9	100.	5.2331	4.2057	1.1197
1154.	865.6	-2.1	9.3	9.9	99.9	100.	5.1456	4.1380	1.1166
1181.	862.7	-2.1	9.6	10.2	99.9	100.	5.1448	4.1375	1.1129
1208.	859.8	-2.2	9.7	10.4	99.9	100.	5.1011	4.1037	1.1095
1234.	856.9	-2.4	9.8	10.4	99.9	100.	5.0156	4.0376	1.1066
1264.	853.7	-2.7	9.8	10.4	99.9	100.	4.8981	3.9404	1.1036
1293.	850.6	-3.0	9.8	10.4	99.9	100.	4.7674	3.8454	1.1007
1325.	847.2	-3.4	9.7	10.3	99.9	100.	4.6084	3.7220	1.0978
1348.	844.7	-3.5	9.8	10.4	99.9	100.	4.5690	3.6915	1.0950
1377.	841.6	-3.5	10.1	10.7	99.9	100.	4.5683	3.6909	1.0919
1407.	838.4	-3.7	10.2	10.8	99.9	100.	4.4999	3.6308	1.0876
1433.	835.6	-3.8	10.6	11.2	99.9	100.	4.5284	3.6600	1.0836
1463.	832.5	-3.8	10.7	11.3	99.9	100.	4.4516	3.6004	1.0803
1491.	829.5	-4.0	10.8	11.3	99.9	100.	4.3760	3.5416	1.0772
1519.	826.6	-4.0	11.0	11.6	99.9	100.	4.3753	3.5411	1.0734
1544.	824.0	-4.3	11.0	11.5	99.9	100.	4.2647	3.4550	1.0711
1578.	820.4	-4.3	11.3	11.9	99.9	100.	4.2638	3.4544	1.0665
1604.	817.7	-4.5	11.4	11.9	99.9	100.	4.1912	3.3979	1.0637
1633.	814.7	-4.7	11.5	12.0	99.9	100.	4.1197	3.3421	1.0606
1661.	811.8	-5.1	11.3	11.9	99.9	100.	3.9807	3.2337	1.0583
1690.	808.8	-5.3	11.4	12.0	99.9	100.	3.9125	3.1804	1.0551
1716.	806.1	-5.2	11.8	12.3	99.9	100.	3.9455	3.2063	1.0512
1748.	802.8	-5.2	12.1	12.7	99.9	100.	3.9448	3.2058	1.0469
1777.	799.9	-5.3	12.3	12.9	99.9	100.	3.9105	3.1790	1.0435
1807.	796.8	-5.4	12.5	13.1	99.9	99.	3.8765	3.1524	1.0398
1834.	794.1	-5.5	12.7	13.2	99.9	99.	3.8428	3.1261	1.0367
1869.	790.6	-5.6	13.0	13.5	99.9	99.	3.8092	3.0999	1.0325
1900.	787.4	-5.7	13.2	13.7	99.9	99.	3.7759	3.0739	1.0287
1934.	784.0	-5.9	13.3	13.8	99.9	99.	3.7108	3.0230	1.0250
1967.	780.7	-6.0	13.6	14.1	99.9	99.	3.6783	2.9975	1.0210
1994.	778.0	-6.0	13.9	14.4	99.9	99.	3.6776	2.9971	1.0175
2033.	774.2	-6.2	14.0	14.6	99.9	99.	3.6141	2.9473	1.0132
2059.	771.6	-6.3	14.2	14.7	99.9	99.	3.5825	2.9226	1.0102
2087.	768.8	-6.3	14.5	15.0	99.9	99.	3.5820	2.9221	1.0066
2120.	765.6	-6.5	14.6	15.1	99.9	99.	3.5199	2.8735	1.0031
2152.	762.5	-6.7	14.8	15.3	99.9	99.	3.4589	2.8257	0.9997
2184.	759.3	-6.4	15.4	15.9	99.9	99.	3.5492	2.8965	0.9945
2209.	756.9	-6.6	15.5	16.0	99.9	99.	3.4879	2.8484	0.9921
2243.	753.6	-7.1	15.3	15.8	99.9	99.	3.3393	2.7317	0.9895
2276.	750.4	-7.3	15.4	15.9	99.9	99.	3.2811	2.6860	0.9860
2310.	747.2	-7.3	15.8	16.3	99.9	99.	3.2805	2.6855	0.9818

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2338.	744.5	-7.6	15.7	16.2	99.9	99.	3.1954	2.6186	0.9793
2365.	741.9	-7.6	16.0	16.5	99.9	99.	3.1949	2.6182	0.9758
2387.	739.8	-7.6	16.3	16.7	99.9	99.	3.1945	2.6179	0.9731
2409.	737.7	-7.8	16.3	16.8	99.9	99.	3.1388	2.5741	0.9711
2442.	734.6	-7.7	16.7	17.2	99.9	99.	3.1658	2.5953	0.9666
2470.	731.9	-7.6	16.9	17.4	99.9	99.	3.1377	2.5732	0.9634
2503.	728.8	-7.7	17.4	17.9	-7.8	99.	3.1646	2.5842	0.9590
2533.	726.0	-7.5	17.9	18.4	-7.8	97.	3.1646	2.5842	0.9546
2569.	722.7	-7.7	18.1	18.6	-7.7	100.	3.1923	2.6058	0.9510
2599.	719.9	-7.5	18.6	19.1	-7.7	98.	3.1923	2.6058	0.9466
2635.	716.6	-7.6	18.9	19.4	-7.6	100.	3.2202	2.6276	0.9427
2663.	714.0	-7.4	19.4	19.9	-7.5	99.	3.2483	2.6495	0.9386
2692.	711.3	-7.4	19.8	20.3	-7.6	98.	3.2201	2.6275	0.9350
2725.	708.3	-7.7	19.8	20.3	-7.9	98.	3.1368	2.5625	0.9321
2765.	704.7	-8.0	19.9	20.4	-8.1	99.	3.0824	2.5199	0.9284
2793.	702.1	-8.4	19.7	20.2	-8.4	100.	3.0024	2.4573	0.9263
2827.	699.1	-8.6	19.9	20.3	-8.6	100.	2.9502	2.4163	0.9230
2857.	696.4	-8.4	20.4	20.9	-8.7	97.	2.9243	2.3961	0.9187
2886.	693.8	-8.6	20.5	21.0	-8.8	98.	2.8987	2.3760	0.9160
2921.	690.6	-9.1	20.3	20.8	-9.1	100.	2.8231	2.3166	0.9134
2944.	688.6	-9.1	20.6	21.0	-9.1	100.	2.8230	2.3166	0.9108
2976.	685.7	-9.2	20.8	21.3	-9.3	99.	2.7736	2.2778	0.9073
3000.	683.6	-9.4	20.9	21.3	-9.6	98.	2.7010	2.2207	0.9051
3044.	679.7	-9.4	21.4	21.8	-9.7	97.	2.6772	2.2019	0.8999
3083.	676.3	-9.7	21.4	21.9	-9.8	99.	2.6535	2.1833	0.8965
3108.	674.1	-9.7	21.7	22.1	-9.9	98.	2.6301	2.1648	0.8935
3149.	670.5	-9.7	22.2	22.6	-10.1	97.	2.5837	2.1283	0.8887
3162.	669.4	-9.8	22.2	22.6	-10.3	96.	2.5382	2.0924	0.8876
3203.	665.9	-9.7	22.7	23.2	-10.5	93.	2.4934	2.0570	0.8826
3242.	662.5	-10.0	22.8	23.3	-10.5	96.	2.4933	2.0569	0.8791
3197.	666.4	-10.3	22.0	22.4	-10.3	100.	2.5382	2.0923	0.8853
3375.	651.1	-10.5	23.7	24.2	-11.0	96.	2.3843	1.9708	0.8655
3438.	645.8	-11.0	23.9	24.3	-11.3	97.	2.3211	1.9207	0.8601
3537.	637.5	-11.2	24.7	25.1	-12.6	88.	2.0645	1.7169	0.8495

SOUNDING 2.0
LATITUDE -56.2 LONGITUDE 3.5
DATE 10-20-81 TIME 1139 GMT
NUMBER OF LEVELS 60

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	976.9	-0.5	1.3	2.9	-0.5	100.	5.8901	4.6813	1.2528
27.	973.6	-1.1	1.0	1.6	-1.1	100.	5.6044	4.4637	1.2512
109.	963.6	-1.6	1.3	1.9	-1.6	100.	5.3758	4.2896	1.2405
185.	954.4	-2.1	1.5	2.1	-2.1	100.	5.1558	4.1216	1.2307
257.	945.8	-2.5	1.8	2.4	-2.5	100.	4.9857	3.9915	1.2214
317.	938.7	-2.8	2.1	2.7	-2.8	100.	4.8614	3.8963	1.2135
382.	931.0	-3.1	2.5	3.0	-3.1	100.	4.7409	3.8033	1.2048
444.	923.8	-3.4	2.8	3.3	-3.4	100.	4.6214	3.7122	1.1967
498.	917.4	-3.5	3.2	3.7	-3.5	100.	4.5824	3.6822	1.1889
556.	910.7	-3.5	3.8	4.3	-3.5	100.	4.5823	3.6821	1.1802
594.	906.4	-2.9	4.8	5.3	-3.1	98.	4.7396	3.8029	1.1722
654.	899.5	-1.6	6.7	7.3	-2.4	94.	5.0297	4.0228	1.1580
706.	893.7	-1.1	7.6	8.4	-1.6	96.	5.3742	4.2883	1.1487
761.	887.6	-1.0	8.4	9.1	-1.2	98.	5.5540	4.4268	1.1406
804.	882.8	-0.8	9.1	9.8	-1.0	98.	5.6490	4.4976	1.1337
856.	877.1	-0.4	10.0	10.7	-0.7	98.	5.7911	4.6057	1.1248
905.	871.7	-0.3	10.6	11.3	-0.5	98.	5.8876	4.6790	1.1176
955.	866.3	0.1	11.5	12.3	-0.2	98.	6.0351	4.7910	1.1092
1003.	861.1	0.4	12.3	13.1	0.2	99.	6.2243	4.9339	1.1015
1053.	855.7	0.7	13.2	14.0	0.4	98.	6.3150	5.0021	1.0935
1105.	850.2	0.7	13.7	14.5	0.6	99.	6.4069	5.0712	1.0866
1201.	840.1	0.4	14.4	15.1	99.9	96.	6.0424	4.8209	1.0747
1437.	815.7	-0.3	16.0	16.7	-2.0	87.	5.1961	4.1523	1.0456
1497.	809.6	-0.4	16.6	17.3	99.9	90.	5.3469	4.2712	1.0383
1589.	800.3	-2.1	15.7	16.4	99.9	95.	4.8877	3.9313	1.0325
1646.	794.6	-2.1	16.3	17.0	99.9	98.	5.0428	4.0570	1.0253
1686.	790.6	-2.5	16.3	17.0	-2.5	100.	4.9824	3.9889	1.0216
1751.	784.1	-3.2	16.2	16.9	-3.2	100.	4.6974	3.7704	1.0156
2175.	743.1	-4.7	19.1	19.7	-4.8	99.	4.1003	3.3108	0.9676
2357.	726.1	-5.6	20.7	21.3	-5.1	99.	3.9963	3.2304	0.9465
2604.	703.5	-7.4	20.7	21.2	-6.0	95.	3.1095	2.5411	0.9247
2637.	700.5	-7.7	20.7	21.2	99.9	95.	3.0289	2.4832	0.9218
2930.	674.5	-9.8	21.5	22.0	99.9	95.	2.5159	2.0776	0.8943
2979.	670.2	-10.3	21.5	21.9	99.9	95.	2.4042	1.9907	0.8902
3021.	666.6	-10.7	21.5	21.9	99.9	95.	2.3217	1.9235	0.8867
3068.	662.5	-10.8	21.9	22.3	99.9	95.	2.3007	1.9068	0.8816
3110.	658.9	-11.4	21.7	22.1	99.9	95.	2.1801	1.8107	0.8787
3164.	654.3	-11.7	22.0	22.3	99.9	95.	2.1217	1.7641	0.8736
3210.	650.3	-12.4	21.7	22.3	99.9	95.	1.9917	1.6601	0.8705

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3266.	645.6	-12.5	22.2	22.5	99.9	95.	1.9734	1.6455	0.8645
3348.	638.7	-12.5	23.1	23.5	99.9	95.	1.9729	1.6451	0.8553
3408.	633.7	-12.9	23.3	23.7	99.9	95.	1.9023	1.5886	0.8498
3445.	630.6	-13.2	23.4	23.7	99.9	95.	1.8509	1.5473	0.8466
3488.	627.0	-13.6	23.4	23.7	99.9	95.	1.7844	1.4939	0.8430
3537.	623.0	-14.1	23.4	23.7	99.9	95.	1.7044	1.4295	0.8392
3593.	618.4	-14.6	23.4	23.7	99.9	95.	1.6276	1.3676	0.8346
3625.	615.8	-14.6	23.8	24.1	99.9	95.	1.6275	1.3675	0.8311
3671.	612.1	-15.2	23.6	23.9	99.9	95.	1.5397	1.2966	0.8279
3861.	596.8	-16.0	24.8	25.1	-16.6	95.	1.4288	1.2067	0.8097
4054.	581.7	-17.3	25.5	25.8	99.9	90.	1.1999	1.0183	0.7930
4103.	577.9	-17.6	25.7	26.0	-18.9	88.	1.1502	0.9802	0.7888
4151.	574.2	-18.3	25.5	25.7	-19.7	88.	1.0657	0.9111	0.7858
4194.	570.9	-18.6	25.6	25.8	-19.9	88.	1.0454	0.8945	0.7822
4237.	567.6	-19.1	25.5	25.7	-20.3	89.	1.0060	0.8621	0.7792
4287.	563.8	-19.7	25.4	25.6	-20.8	90.	0.9587	0.8232	0.7758
4323.	561.0	-19.7	25.8	26.0	-21.2	87.	0.9223	0.7932	0.7719
4362.	558.1	-20.9	24.8	25.0	-21.3	96.	0.9134	0.7858	0.7715
4415.	554.1	-20.9	25.4	25.6	-21.8	92.	0.8701	0.7501	0.7660
4608.	539.7	-22.7	25.5	25.7	99.9	92.	0.7332	0.4241	0.7511
4759.	528.7	-23.9	25.9	26.0	99.9	92.	0.6488	0.3768	0.7393

SOUNDING 3.0
LATITUDE -56.4 LONGITUDE 3.7
DATE 10-20-81 TIME 1304 GMT
NUMBER OF LEVELS 151

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	972.7	-1.3	0.9	1.4	-1.5	98.	5.4210	4.3240	1.2508
265.	940.8	-2.8	2.0	2.5	99.9	100.	4.8524	3.9093	1.2162
299.	936.8	-3.0	2.1	2.6	-3.0	100.	4.7803	3.8341	1.2118
333.	932.7	-3.1	2.3	2.9	-3.1	100.	4.7401	3.8033	1.2070
369.	928.5	-3.3	2.5	3.0	-3.3	100.	4.6607	3.7424	1.2024
400.	924.8	-3.3	2.8	3.3	-3.4	99.	4.6214	3.7122	1.1976
440.	920.2	-3.4	3.1	3.6	-3.4	100.	4.6214	3.7122	1.1921
476.	916.0	-3.5	3.3	3.9	-3.5	100.	4.5824	3.6822	1.1871
511.	912.0	-3.5	3.7	4.2	-3.6	99.	4.5437	3.6525	1.1819
542.	908.4	-3.3	4.2	4.7	-3.6	97.	4.5437	3.6525	1.1763
573.	904.8	-3.2	4.6	5.2	-3.4	98.	4.6211	3.7119	1.1713
606.	901.1	-3.0	5.2	5.7	-3.3	98.	4.6602	3.7420	1.1657
633.	898.0	-2.7	5.7	6.3	-3.1	97.	4.7394	3.8027	1.1605
659.	895.1	-2.4	6.3	6.9	-2.9	96.	4.8198	3.8644	1.1555
691.	891.4	-2.2	6.8	7.4	-2.7	96.	4.9015	3.9270	1.1500
720.	888.2	-1.8	7.5	8.1	-2.4	95.	5.0265	4.0226	1.1443
752.	884.6	-1.5	8.2	8.8	-2.0	96.	5.1976	4.1534	1.1386
786.	880.9	-1.5	8.5	9.2	-1.9	97.	5.2411	4.1867	1.1338
817.	877.4	-1.3	9.0	9.7	-1.7	97.	5.3293	4.2540	1.1286
851.	873.7	-1.1	9.6	10.3	-1.5	97.	5.4186	4.3222	1.1231
882.	870.3	-1.2	9.6	10.5	-1.5	98.	5.4187	4.3222	1.1192
912.	867.0	-0.9	10.4	11.1	-1.3	97.	5.5096	4.3914	1.1138
948.	863.1	-0.6	11.1	11.8	-1.1	96.	5.6018	4.4617	1.1076
976.	860.1	-0.4	11.6	12.3	-0.9	96.	5.6955	4.5330	1.1031
1009.	856.6	-0.2	12.1	12.9	-0.7	96.	5.7906	4.6053	1.0979
1042.	853.0	-0.2	12.5	13.2	-0.6	97.	5.8380	4.6418	1.0933
1073.	849.7	0.2	13.2	14.0	-0.4	95.	5.9359	4.7156	1.0876
1108.	846.1	0.3	13.7	14.4	-0.2	96.	6.0346	4.7906	1.0827
1136.	843.1	0.3	14.0	14.7	-0.1	97.	6.0845	4.8284	1.0789
1169.	839.6	0.3	14.3	15.1	0.1	98.	6.1788	4.8996	1.0745
1203.	836.1	0.2	14.5	15.3	0.1	99.	6.1788	4.8996	1.0704
1234.	832.9	0.1	14.7	15.6	0.0	99.	6.1340	4.8659	1.0667
1268.	829.3	0.0	15.0	15.9	0.0	100.	6.1339	4.8658	1.0625
1306.	825.4	-0.1	15.3	16.1	-0.1	100.	6.0841	4.8289	1.0579
1344.	821.5	-0.5	15.2	16.0	99.9	100.	5.8863	4.7117	1.0543
1388.	817.0	-0.7	15.5	16.3	99.9	100.	5.7896	4.6374	1.0493
1430.	812.7	-0.7	15.9	16.7	-0.7	100.	5.7895	4.6044	1.0437
1466.	809.0	-0.9	16.1	16.9	-0.9	100.	5.6943	4.5320	1.0397
1500.	805.6	-1.3	16.0	16.8	-1.3	100.	5.5081	4.3903	1.0367
1536.	802.0	-1.4	16.3	17.0	-1.4	100.	5.4624	4.3555	1.0324
1592.	796.3	-1.8	16.4	17.2	-1.8	100.	5.2532	4.2188	1.0265
1629.	792.6	-2.0	16.6	17.3	-2.0	100.	5.1956	4.1519	1.0224
1659.	789.6	-2.4	16.5	17.2	-2.4	100.	5.0244	4.0210	1.0200
1695.	786.1	-2.4	16.9	17.6	-2.4	100.	5.0243	4.0209	1.0155
1719.	783.7	-2.6	16.7	17.4	99.9	100.	4.8555	3.9158	1.0138
1762.	779.4	-2.9	17.0	17.7	99.9	100.	4.8096	3.8802	1.0085
1788.	776.9	-3.2	17.0	17.8	99.9	100.	4.6866	3.7846	1.0063
1823.	773.5	-3.2	17.3	18.0	99.9	100.	4.6826	3.7814	1.0020
1859.	769.9	-3.3	17.6	18.3	99.9	100.	4.6390	3.7475	0.9976
1890.	766.9	-3.6	17.5	18.3	99.9	100.	4.5194	3.6545	0.9948
1930.	763.1	-3.7	17.9	18.6	99.9	99.	4.4769	3.6214	0.9902
1965.	759.7	-4.1	17.9	18.5	99.9	99.	4.3239	3.5022	0.9871
1998.	756.5	-4.2	18.1	18.7	99.9	99.	4.2837	3.4708	0.9833

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)
2037.	752.8	-4.7	18.6	18.6	99.9	99.	4.1012	3.3285	0.9802
2070.	749.6	-4.6	18.4	19.1	99.9	99.	4.1329	3.3531	0.9757
2104.	746.4	-4.7	18.7	19.3	99.9	99.	4.0943	3.3230	0.9719
2169.	740.2	-4.7	19.4	20.0	99.9	99.	4.0876	3.3176	0.9639
2202.	737.1	-4.8	19.6	20.2	99.9	99.	4.0495	3.2879	0.9602
2239.	733.7	-4.9	19.9	20.5	99.9	99.	4.0114	3.2581	0.9561
2270.	730.8	-5.1	20.0	20.6	99.9	99.	3.9403	3.2025	0.9530
2303.	727.7	-5.1	20.4	21.0	99.9	99.	3.9370	3.1998	0.9489
2339.	724.4	-5.3	20.5	21.1	99.9	98.	3.8667	3.1448	0.9453
2378.	720.8	-5.8	20.4	21.0	99.9	98.	3.7006	3.0147	0.9422
2420.	716.9	-6.0	20.6	21.2	99.9	98.	3.6335	2.9621	0.9378
2454.	713.8	-6.2	20.8	21.3	99.9	98.	3.5684	2.9109	0.9344
2494.	710.2	-6.7	20.7	21.2	99.9	96.	3.4140	2.7897	0.9313
2524.	707.5	-6.5	21.2	21.7	99.9	98.	3.4710	2.8344	0.9271
2558.	704.4	-6.8	21.1	21.7	99.9	98.	3.3499	2.7352	0.9244
2591.	701.4	-7.0	21.4	21.9	99.9	98.	3.3181	2.7142	0.9208
2626.	698.3	-7.0	21.7	22.3	99.9	98.	3.3162	2.7119	0.9167
2662.	695.0	-7.5	21.6	22.1	99.9	98.	3.1712	2.5984	0.9140
2696.	692.0	-7.9	21.5	22.0	99.9	98.	3.0598	2.5106	0.9113
2730.	689.0	-7.9	21.9	22.4	99.9	97.	3.0571	2.5085	0.9074
2765.	685.9	-8.4	21.7	22.2	99.9	97.	2.9836	2.4030	0.9049
2799.	682.9	-8.3	22.2	22.7	99.9	97.	2.9467	2.4212	0.9006
2839.	679.4	-9.0	21.8	22.3	99.9	97.	2.7681	2.2799	0.8983
2874.	676.3	-9.1	22.1	22.6	99.9	97.	2.7413	2.2587	0.8945
2903.	673.8	-9.3	22.2	22.8	99.9	97.	2.6913	2.2190	0.8918
2940.	670.5	-9.7	22.2	22.6	99.9	97.	2.5952	2.1428	0.8887
2977.	667.3	-9.8	22.5	22.9	99.9	97.	2.5699	2.1226	0.8848
3011.	664.4	-10.1	22.5	22.9	99.9	97.	2.5052	2.0672	0.8819
3045.	661.5	-10.2	22.7	23.2	99.9	97.	2.4758	2.0478	0.8784
3081.	658.4	-10.4	22.9	23.3	99.9	97.	2.4299	2.0112	0.8749
3116.	655.4	-10.4	23.3	23.7	99.9	97.	2.4276	2.0094	0.8710
3157.	651.9	-10.7	23.4	23.8	99.9	96.	2.3610	1.9564	0.8672
3195.	648.7	-10.9	23.6	24.0	99.9	96.	2.3169	1.9212	0.8636
3229.	645.8	-11.2	23.6	24.0	99.9	96.	2.2535	1.8706	0.8607
3307.	639.3	-11.9	23.7	24.1	99.9	96.	2.1118	1.7573	0.8542
3344.	636.2	-12.0	24.0	24.4	99.9	96.	2.0908	1.7405	0.8504
3381.	633.1	-12.5	23.9	24.2	99.9	96.	1.9965	1.6650	0.8478
3417.	630.1	-12.7	24.2	24.4	99.9	96.	1.9588	1.6347	0.8444
3490.	624.1	-12.6	25.0	25.3	-13.1	96.	1.9728	1.6438	0.8361
3526.	621.2	-13.2	24.7	25.0	-13.5	97.	1.9022	1.5874	0.8341
3559.	618.5	-13.5	24.7	25.0	-13.7	98.	1.8678	1.5599	0.8314
3592.	615.8	-13.4	25.2	25.5	-14.3	92.	1.7679	1.4799	0.8274
3635.	612.3	-13.7	25.3	25.6	-14.5	93.	1.7357	1.4541	0.8236
3666.	609.8	-14.3	25.2	25.3	-14.9	95.	1.6730	1.4037	0.8221
3734.	604.4	-14.8	25.2	25.5	-14.8	100.	1.6884	1.4161	0.8164
3769.	601.6	-14.7	25.7	26.0	99.9	92.	1.5730	1.3223	0.8122
3800.	599.1	-14.8	25.9	26.2	-16.5	85.	1.4422	1.2176	0.8090
3836.	596.3	-15.2	25.8	26.1	-16.5	89.	1.4422	1.2176	0.8065
3867.	593.8	-15.4	26.0	26.3	-16.3	92.	1.4693	1.2395	0.8038
3904.	590.9	-15.5	26.3	26.6	-15.9	96.	1.5250	1.2845	0.8002
3938.	588.3	-15.6	26.5	26.8	-16.3	94.	1.4693	1.2395	0.7970
4149.	572.0	-17.4	26.8	27.1	-17.6	98.	1.3307	1.1029	0.7802
4183.	569.4	-17.9	26.6	26.9	99.9	99.	1.2465	1.0604	0.7782
4219.	566.6	-18.1	26.8	27.1	99.9	99.	1.2291	1.0464	0.7749
4242.	564.9	-18.5	26.6	26.9	99.9	99.	1.1869	1.0120	0.7738
4292.	561.1	-18.6	27.1	27.3	-18.6	100.	1.1834	1.0073	0.7689
4317.	559.2	-18.9	27.0	27.2	-18.9	100.	1.1501	0.9802	0.7672
4377.	554.7	-19.7	26.8	27.0	-19.7	100.	1.0656	0.9110	0.7633
4458.	548.7	-20.2	27.1	27.3	99.9	100.	1.0133	0.8696	0.7565
4528.	543.5	-21.5	26.4	26.6	99.9	100.	0.8919	0.7692	0.7531
4592.	538.8	-22.1	26.4	26.6	99.9	99.	0.8397	0.7259	0.7484
4713.	530.0	-22.8	27.2	27.4	-22.7	99.	0.7968	0.6893	0.7376
4766.	526.2	-23.1	27.2	27.4	-23.1	100.	0.7661	0.6638	0.7337
4789.	524.5	-23.0	27.6	27.8	-23.2	98.	0.7586	0.6576	0.7311
4814.	522.7	-23.7	27.1	27.2	99.9	98.	0.7077	0.6156	0.7306
4889.	517.4	-24.2	27.4	27.5	99.9	98.	0.6726	0.5862	0.7246
4922.	515.0	-25.0	26.8	26.9	99.9	98.	0.6207	0.5427	0.7235
5366.	484.3	-28.2	28.2	28.3	99.9	97.	0.4454	0.3943	0.6891
5400.	482.0	-28.3	28.4	28.6	-28.6	97.	0.4406	0.3903	0.6862
5434.	479.7	-28.9	28.1	28.2	-28.9	100.	0.4271	0.3789	0.6845
5468.	477.4	-28.8	28.7	28.8	-29.1	97.	0.4184	0.3715	0.6810
5507.	474.8	-28.9	29.0	29.1	-29.3	96.	0.4089	0.3642	0.6775
5546.	472.2	-29.1	29.2	29.3	-29.6	95.	0.3973	0.3535	0.6744
5583.	469.8	-29.0	29.8	29.9	-29.9	91.	0.3951	0.3431	0.6707
5622.	467.2	-29.1	30.2	30.2	-29.7	94.	0.3932	0.3500	0.6672
5661.	464.7	-29.1	30.6	30.7	-29.6	95.	0.3973	0.3535	0.6637
5696.	462.4	-29.1	31.0	31.1	-29.6	95.	0.3973	0.3535	0.6604
5735.	459.9	-28.3	31.8	31.9	-29.5	84.	0.4014	0.3570	0.6563
5810.	455.1	-28.4	33.3	33.4	99.9	91.	0.4086	0.3621	0.6481
5849.	452.6	-28.7	33.4	33.5	-29.8	89.	0.3891	0.3465	0.6453
5882.	450.5	-29.2	33.4	33.5	-29.9	91.	0.3851	0.3432	0.6431
5969.	445.3	-29.2	34.2	34.3	-30.4	88.	0.3756	0.3263	0.6362
5999.	443.2	-29.6	34.1	34.2	-30.6	90.	0.3580	0.3198	0.6342

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)
6039.	440.7	-29.8	34.4	34.5	-36.7	91.	0.3543	0.3166	0.6312
6133.	434.9	-30.2	35.1	35.1	-31.0	92.	0.3483	0.3072	0.6239
6158.	433.4	-30.3	35.2	35.3	-31.5	88.	0.3257	0.2921	0.6220
6194.	431.2	-30.8	35.0	35.1	99.9	91.	0.3196	0.2859	0.6201
6227.	429.2	-31.1	35.2	35.3	-31.6	94.	0.3223	0.2891	0.6177
6263.	427.0	-31.3	35.2	35.3	-32.0	93.	0.3090	0.2776	0.6153
6337.	422.6	-31.9	36.5	36.6	-32.4	86.	0.2951	0.2665	0.6082
6449.	415.9	-32.7	35.8	35.8	99.9	88.	0.2527	0.2278	0.6028
6777.	396.9	-34.6	37.5	37.5	99.9	93.	0.2195	0.1986	0.5798
6919.	388.9	-36.1	37.3	37.4	-36.5	96.	0.1922	0.1742	0.5717
7652.	349.5	-40.6	40.8	40.9	99.9	99.	0.1190	0.1109	0.5237
7795.	342.2	-41.9	41.5	41.6	99.9	100.	0.1032	0.0967	0.5156
7894.	337.2	-43.3	40.4	40.4	-43.3	100.	0.0881	0.0831	0.5111
8112.	326.4	-44.7	41.4	41.4	99.9	100.	0.0748	0.0435	0.4978
8199.	322.2	-45.9	40.9	40.9	99.9	100.	0.0649	0.0377	0.4940

SOUNDING 4.0
LATITUDE -56.6 LONGITUDE 4.1
DATE 10-20-81 TIME 1444 GMT
NUMBER OF LEVELS 66

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)
0.	972.1	-0.4	1.3	1.9	-1.5	95.	5.4219	4.3240	1.2482
36.	967.7	-1.3	1.3	1.6	-1.5	98.	5.4209	4.3239	1.2444
102.	959.7	-1.8	1.4	2.0	99.9	99.	5.2075	4.1810	1.2362
188.	949.4	-2.4	1.6	2.2	99.9	99.	4.9623	3.9922	1.2255
249.	942.1	-2.9	1.7	2.3	99.9	99.	4.7648	3.8398	1.2182
328.	932.7	-3.4	2.0	2.5	99.9	99.	4.5764	3.6942	1.2082
401.	924.1	-3.8	2.3	2.6	99.9	99.	4.4316	3.5822	1.1988
468.	916.3	-4.2	2.8	3.3	99.9	99.	4.3637	3.5299	1.1895
527.	909.5	-4.2	3.2	3.7	99.9	99.	4.2960	3.4775	1.1815
582.	903.2	-4.5	3.4	3.9	99.9	100.	4.1930	3.3976	1.1746
639.	896.7	-4.5	4.0	4.5	99.9	100.	4.1985	3.4022	1.1662
694.	890.4	-4.5	4.6	5.1	99.9	100.	4.2038	3.4066	1.1580
749.	884.2	-4.1	5.5	6.0	-4.1	100.	4.3547	3.5071	1.1483
808.	877.6	-3.6	6.6	7.2	-3.8	98.	4.4668	3.5933	1.1378
881.	869.5	-3.2	7.8	8.4	-3.6	97.	4.5429	3.6519	1.1257
954.	861.5	-3.0	8.8	9.3	-3.4	97.	4.6202	3.7113	1.1146
1017.	854.7	-2.4	10.0	10.6	-3.1	94.	4.7385	3.8021	1.1035
1092.	846.7	-1.8	11.4	12.0	-2.6	94.	4.9419	3.9579	1.0910
1154.	840.1	-1.4	12.5	13.1	-2.2	94.	5.1104	4.0868	1.0810
1219.	833.3	-1.1	13.4	14.1	-1.9	94.	5.2401	4.1859	1.0712
1282.	826.7	-1.2	14.0	14.7	-1.8	95.	5.2838	4.2193	1.0632
1350.	819.7	-1.3	14.6	15.3	-1.8	96.	5.2837	4.2192	1.0546
1410.	813.6	-1.5	15.0	15.7	-1.9	97.	5.2396	4.1855	1.0475
1477.	806.7	-1.7	15.5	16.2	-2.0	98.	5.1959	4.1521	1.0394
1543.	800.1	-1.9	15.9	16.6	-2.2	98.	5.1095	4.0861	1.0316
1608.	793.5	-2.3	16.2	16.9	-2.5	98.	4.9825	3.9889	1.0246
1676.	786.8	-2.6	16.6	17.3	-2.7	99.	4.8994	3.9253	1.0170
1738.	780.6	-2.9	16.9	17.6	-3.0	99.	4.7772	3.8316	1.0100
1811.	773.5	-3.3	17.2	17.9	-3.4	99.	4.6185	3.7099	1.0023
1877.	767.0	-3.4	17.8	18.5	-3.6	98.	4.5410	3.6503	0.9942
1947.	760.3	-3.8	18.1	18.8	-4.0	98.	4.3895	3.5338	0.9869
2025.	752.8	-4.2	18.5	19.1	-4.4	98.	4.2427	3.4207	0.9785
2097.	745.9	-4.8	18.6	19.2	-4.8	100.	4.1004	3.3109	0.9716
2166.	739.4	-5.1	19.0	19.6	-5.1	100.	3.9965	3.2306	0.9642
2240.	732.5	-5.5	19.4	20.0	-5.5	100.	3.8617	3.1263	0.9565
2306.	726.3	-5.7	19.9	20.5	-5.8	99.	3.7634	3.0501	0.9491
2378.	719.7	-6.2	20.1	20.7	-6.2	100.	3.6359	2.9512	0.9421
2444.	713.6	-6.4	20.6	21.1	-6.5	99.	3.5428	2.8789	0.9348
2517.	707.0	-6.9	20.8	21.4	-6.9	100.	3.4221	2.7850	0.9278
2589.	700.5	-7.4	21.0	21.6	99.9	100.	3.2765	2.6841	0.9209
2661.	694.0	-7.9	21.3	21.8	99.9	100.	3.1367	2.5739	0.9140
2742.	686.8	-8.4	21.6	22.1	-8.4	100.	3.0022	2.4571	0.9062
2810.	680.8	-8.9	21.7	22.1	99.9	100.	2.8479	2.3460	0.9002
2885.	674.2	-9.4	22.0	22.5	-9.4	100.	2.7491	2.2585	0.8927
2964.	667.4	-10.0	22.2	22.7	-10.0	100.	2.6068	2.1464	0.8857
3039.	660.9	-10.7	22.3	22.7	99.9	100.	2.4478	2.0284	0.8793
3116.	654.3	-11.2	22.5	22.9	99.9	100.	2.3393	1.9429	0.8721
3202.	647.0	-11.7	22.8	23.2	99.9	100.	2.2370	1.8587	0.8639
3281.	640.3	-12.3	23.1	23.5	99.9	100.	2.1156	1.7635	0.8569
3358.	633.9	-12.8	23.4	23.8	99.9	100.	2.0211	1.6875	0.8499
3658.	609.3	-14.8	24.5	24.9	99.9	99.	1.6703	1.4123	0.8230
3731.	603.5	-15.2	24.8	25.1	99.9	99.	1.5174	1.3623	0.8164
3801.	597.9	-16.1	24.7	25.2	99.9	99.	1.5119	1.2679	0.8112
4081.	576.0	-18.1	25.4	25.7	99.9	99.	1.2269	1.0471	0.7878
4157.	570.1	-18.5	25.8	26.1	-18.6	99.	1.1834	1.0074	0.7809
4233.	564.3	-19.3	25.8	26.2	99.9	99.	1.0900	0.9365	0.7753
4362.	553.1	-20.4	26.2	26.4	99.9	99.	0.9929	0.8437	0.7632
4613.	532.0	-22.1	26.8	27.0	99.9	98.	0.8203	0.7168	0.7445
4904.	515.1	-24.7	27.1	27.3	99.9	88.	0.6378	0.5570	0.7228

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4985.	504.4	-25.2	27.5	27.6	99.9	97.	0.6058	0.5300	0.7162
5221.	493.0	-28.0	26.9	27.0	99.9	97.	0.4540	0.4017	0.7011
5379.	482.2	-28.9	27.7	27.8	99.9	97.	0.4125	0.3663	0.6881
5616.	466.4	-30.5	28.6	28.6	99.9	96.	0.3476	0.3106	0.6699
5674.	462.6	-31.5	28.0	28.1	99.9	96.	0.3126	0.2805	0.6672
5895.	448.4	-31.5	30.7	30.8	99.9	96.	0.3111	0.2791	0.6467
6081.	436.7	-32.8	31.4	31.4	99.9	95.	0.2700	0.2435	0.6332
6229.	427.6	-33.0	33.0	33.0	-33.5	95.	0.2634	0.2381	0.6205
6370.	419.1	-33.2	34.5	34.5	-33.5	97.	0.2634	0.2381	0.6087

SOUNDING 5.0
LATITUDE -56.8 LONGITUDE 4.6
DATE 10-20-81 TIME 1644 GMT
NUMBER OF LEVELS 112

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	969.8	-1.7	0.7	1.2	-3.0	90.	4.7839	3.8346	1.2484
67.	961.6	-2.3	0.7	1.2	99.9	91.	4.5892	3.6890	1.2405
142.	952.6	-2.6	1.2	1.7	99.9	91.	4.5208	3.6379	1.2302
213.	944.1	-3.2	1.3	1.7	99.9	92.	4.3395	3.4992	1.2218
275.	936.7	-3.6	1.5	2.0	99.9	93.	4.2303	3.4160	1.2140
333.	929.8	-3.8	1.9	2.3	99.9	94.	4.1917	3.3873	1.2059
395.	922.6	-4.1	2.2	2.6	99.9	95.	4.1196	3.3326	1.1979
461.	914.9	-4.4	2.5	3.0	99.9	95.	4.0507	3.2804	1.1892
516.	908.5	-4.7	2.8	3.2	99.9	96.	3.9770	3.2241	1.1822
569.	902.4	-4.9	3.1	3.5	99.9	97.	3.9365	3.1937	1.1751
674.	890.4	-5.3	3.7	4.2	99.9	98.	3.8557	3.1327	1.1612
725.	884.6	-5.5	4.0	4.5	99.9	99.	3.8149	3.1018	1.1545
773.	879.2	-5.7	4.3	4.8	99.9	99.	3.7787	3.0697	1.1482
827.	873.2	-5.7	4.9	5.3	-5.7	100.	3.7982	3.0772	1.1404
878.	867.5	-5.4	5.7	6.0	-5.4	100.	3.8972	3.1539	1.1318
928.	862.0	-4.4	7.2	7.8	-4.4	100.	4.2446	3.4223	1.1208
974.	857.0	-4.0	8.1	8.7	-4.0	100.	4.3913	3.5352	1.1127
1021.	851.9	-4.1	8.5	9.0	-4.1	100.	4.3541	3.5066	1.1065
1070.	846.6	-4.2	8.9	9.4	-4.2	100.	4.3172	3.4781	1.1000
1115.	841.8	-4.1	9.5	10.0	-4.1	100.	4.3539	3.5064	1.0935
1163.	836.7	-4.0	10.1	10.6	-4.0	100.	4.3909	3.5349	1.0865
1209.	831.8	-3.9	10.6	11.2	-3.9	100.	4.4283	3.5637	1.0798
1259.	826.5	-3.7	11.4	12.0	-3.7	100.	4.5038	3.6216	1.0722
1305.	821.8	-3.2	12.4	13.0	-3.2	100.	4.6981	3.7710	1.0643
1351.	817.0	-2.7	13.4	14.0	-2.7	100.	4.9000	3.9258	1.0563
1398.	812.2	-2.9	13.6	14.3	-2.9	100.	4.8182	3.8631	1.0508
1442.	807.7	-2.9	14.1	14.7	-2.9	100.	4.8181	3.8630	1.0450
1491.	802.7	-2.9	14.6	15.3	-2.9	100.	4.8180	3.8629	1.0386
1539.	797.8	-3.0	15.0	15.7	-3.0	100.	4.7775	3.8319	1.0326
1586.	793.1	-3.2	15.3	15.9	-3.2	100.	4.6975	3.7706	1.0272
1639.	787.8	-3.4	15.6	16.3	99.9	100.	4.6188	3.7320	1.0211
1683.	783.4	-3.6	15.9	16.5	-3.6	100.	4.5413	3.6506	1.0161
1734.	778.4	-3.9	16.1	16.7	-3.9	100.	4.4273	3.5629	1.0107
1788.	773.1	-4.2	16.3	16.9	-4.2	100.	4.3159	3.4771	1.0048
1843.	767.7	-4.4	16.7	17.3	-4.4	100.	4.2430	3.4209	0.9985
1894.	762.7	-4.7	16.9	17.5	-4.7	100.	4.1358	3.3382	0.9931
1942.	758.1	-5.0	17.1	17.7	-5.0	100.	4.0311	3.2574	0.9881
2001.	752.4	-5.1	17.6	18.2	-5.1	100.	3.9967	3.2308	0.9811
2051.	747.6	-5.4	17.8	18.4	-5.4	100.	3.8953	3.1523	0.9758
2109.	742.1	-5.9	17.9	18.4	-5.9	100.	3.7314	3.0253	0.9704
2163.	737.0	-6.3	18.0	18.5	-6.3	100.	3.6049	2.9271	0.9650
2217.	731.9	-6.6	18.3	18.8	-6.6	100.	3.5129	2.8554	0.9594
2283.	725.8	-7.0	18.5	19.0	-7.0	100.	3.3928	2.7622	0.9528
2351.	719.5	-7.3	18.9	19.4	-7.3	100.	3.3054	2.6941	0.9455
2417.	713.4	-7.7	19.2	19.7	-7.7	100.	3.1922	2.6057	0.9388
2470.	708.5	-8.0	19.4	19.9	-8.0	100.	3.1096	2.5411	0.9334
2535.	702.6	-8.5	19.6	20.0	-8.5	100.	2.9762	2.4368	0.9273
2600.	696.7	-8.7	20.1	20.5	-8.7	100.	2.9243	2.3961	0.9202
2663.	691.1	-9.0	20.4	20.9	-9.0	100.	2.8481	2.3362	0.9138
2722.	685.8	-9.5	20.5	20.9	-9.5	100.	2.7250	2.2396	0.9084
2835.	675.9	-10.1	21.0	21.5	-10.1	100.	2.5838	2.1283	0.8972
2892.	670.9	-10.5	21.2	21.6	-10.5	100.	2.4934	2.0570	0.8919
2934.	667.2	-10.9	21.3	21.6	-10.9	100.	2.4059	1.9879	0.8883
2977.	663.5	-11.3	21.3	21.6	-11.3	100.	2.3213	1.9208	0.8846
3018.	659.9	-11.5	21.5	21.9	-11.5	100.	2.2799	1.8881	0.8805
3061.	656.2	-11.9	21.5	21.9	-11.9	100.	2.1393	1.8241	0.8768
3106.	652.4	-12.0	21.9	22.3	-12.0	100.	2.1796	1.8084	0.8721
3147.	648.9	-12.3	22.0	22.4	-12.3	100.	2.1213	1.7621	0.8684
3191.	645.2	-12.4	22.4	22.7	-12.4	100.	2.1022	1.7469	0.8637
3233.	641.6	-12.7	22.5	22.9	-12.7	100.	2.0459	1.7020	0.8590
3277.	637.9	-13.2	22.4	22.8	-13.2	100.	1.9550	1.6296	0.8565
3324.	634.0	-13.3	22.8	23.2	-13.3	100.	1.9373	1.6154	0.8516
3366.	630.5	-13.7	22.9	23.2	-13.7	100.	1.8679	1.5600	0.8481
3453.	623.3	-14.1	23.3	23.7	-14.1	100.	1.8307	1.5062	0.8397
3497.	619.7	-14.4	23.5	23.8	-14.4	100.	1.7518	1.4472	0.8358

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3539.	616.3	-14.5	23.7	24.0	-14.6	100.	1.7159	1.4414	0.8518
3561.	612.4	-14.6	24.0	24.3	-14.7	99.	1.7041	1.4267	0.8372
3675.	605.3	-15.5	24.0	24.3	99.9	100.	1.5775	1.3302	0.8197
3727.	601.1	-16.0	24.2	24.5	-16.0	100.	1.5126	1.2732	0.8156
3770.	597.7	-16.4	24.2	24.5	-16.4	100.	1.4587	1.2285	0.8122
3817.	594.0	-16.8	24.3	24.6	-16.8	100.	1.4023	1.1853	0.8084
3863.	590.3	-16.9	24.7	25.0	-17.0	100.	1.3862	1.1747	0.8037
3905.	587.0	-17.2	24.9	25.2	-17.2	100.	1.3567	1.1434	0.8001
3954.	583.2	-17.5	25.1	25.4	-17.5	100.	1.3121	1.1129	0.7958
4000.	579.6	-18.0	25.1	25.4	-18.0	100.	1.2596	1.0639	0.7924
4045.	576.1	-18.3	25.3	25.6	-18.3	100.	1.2262	1.0446	0.7882
4099.	572.0	-18.4	25.7	25.9	-18.4	100.	1.2251	1.0256	0.7832
4142.	568.7	-18.8	25.7	26.0	-18.8	100.	1.1811	0.9899	0.7799
4188.	565.2	-19.3	25.8	26.0	-19.3	100.	1.1371	0.9455	0.7766
4271.	558.9	-19.8	26.2	26.4	-19.8	100.	1.0554	0.9044	0.7694
4312.	555.8	-20.1	26.2	26.4	-20.1	100.	1.0154	0.8862	0.7657
4356.	552.5	-20.1	26.6	26.8	-20.1	100.	1.0157	0.8707	0.7615
4400.	549.2	-20.6	26.6	26.8	-20.6	100.	0.9773	0.8325	0.7584
4440.	546.2	-20.7	26.9	27.1	-20.7	100.	0.9679	0.8329	0.7547
4486.	542.9	-21.1	26.9	27.1	-21.1	100.	0.9312	0.8009	0.7511
4625.	532.7	-22.1	27.4	27.6	-22.1	100.	0.8446	0.7304	0.7399
4674.	529.2	-22.7	27.2	27.4	-22.7	100.	0.7966	0.6887	0.7369
4714.	526.3	-23.2	27.1	27.3	-23.2	100.	0.7646	0.6576	0.7342
4764.	522.7	-23.5	27.3	27.5	-23.5	100.	0.7355	0.6398	0.7309
4806.	519.7	-23.7	27.5	27.7	-23.7	100.	0.7221	0.6272	0.7284
4854.	516.3	-24.2	27.5	27.7	-24.2	100.	0.6972	0.5961	0.7251
4946.	509.8	-25.1	27.5	27.7	-25.1	100.	0.6583	0.5493	0.7185
4994.	506.4	-25.5	27.6	27.8	-25.5	100.	0.6158	0.5384	0.7153
5039.	503.3	-25.7	27.8	28.0	-25.7	100.	0.5916	0.5182	0.7091
5176.	493.5	-26.6	28.0	28.2	-26.6	100.	0.5403	0.4758	0.6982
5231.	490.1	-27.5	28.0	28.1	-27.5	100.	0.4851	0.4354	0.6955
5281.	486.7	-27.9	28.1	28.2	-27.9	100.	0.4773	0.4188	0.6917
5372.	480.5	-28.8	28.1	28.2	-28.8	100.	0.4516	0.3827	0.6854
5420.	477.3	-28.8	28.4	28.5	-28.8	100.	0.4516	0.3827	0.6809
5483.	473.1	-29.5	28.6	28.7	-29.5	100.	0.4019	0.3571	0.6768
5563.	467.8	-29.7	28.9	28.9	-29.7	100.	0.3932	0.3502	0.6697
5652.	462.0	-30.6	28.9	29.1	-30.6	100.	0.3516	0.3137	0.6644
5704.	458.6	-31.1	29.3	29.4	-31.1	100.	0.3387	0.3041	0.6603
5855.	448.9	-32.5	29.6	29.7	-32.5	100.	0.2982	0.2695	0.6495
5902.	445.9	-33.0	29.5	29.6	-33.0	100.	0.2775	0.2507	0.6471
5956.	442.5	-33.1	29.8	29.9	-33.1	99.	0.2720	0.2456	0.6424
6002.	439.6	-33.2	29.3	29.4	-33.2	99.	0.2726	0.2445	0.6385
6047.	436.8	-33.8	30.1	30.1	-33.8	100.	0.2501	0.2309	0.6360
6095.	433.8	-34.6	29.7	29.7	-34.6	100.	0.2340	0.2125	0.6337
6142.	430.9	-34.7	30.1	30.2	-34.7	100.	0.2315	0.2103	0.6297
6194.	427.7	-35.3	30.0	30.1	-35.3	100.	0.2169	0.1976	0.6266
6253.	424.1	-35.6	30.3	30.4	-35.6	100.	0.2039	0.1915	0.6221

SOUNDING 6.0
LATITUDE -56.9 LONGITUDE 4.2
DATE 10-20-81 TIME 1756 GMT
NUMBER OF LEVELS 135

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	971.8	-1.6	0.6	1.2	-1.8	98.	5.2870	4.2218	1.2509
50.	965.7	-1.9	0.8	1.4	99.9	98.	5.1597	4.1438	1.2444
110.	958.4	-2.3	1.0	1.5	99.9	98.	4.9938	4.0160	1.2367
173.	950.8	-2.7	1.2	1.8	99.9	99.	4.8330	3.8913	1.2286
236.	943.3	-3.1	1.4	2.0	99.9	99.	4.6768	3.7713	1.2206
301.	935.6	-3.4	1.8	2.3	99.9	99.	4.5638	3.6830	1.2119
371.	927.3	-3.8	2.1	2.6	99.9	99.	4.4160	3.5605	1.2029
423.	921.2	-4.0	2.4	2.9	99.9	99.	4.3448	3.5143	1.1958
474.	915.3	-4.3	2.6	3.1	99.9	99.	4.2583	3.4317	1.1894
520.	909.9	-4.4	2.9	3.4	99.9	99.	4.2049	3.4062	1.1828
565.	904.8	-4.7	3.1	3.6	99.9	99.	4.1112	3.3254	1.1775
610.	899.8	-4.9	3.3	3.8	99.9	99.	4.0344	3.2733	1.1715
654.	894.6	-5.1	3.6	4.0	99.9	99.	3.9841	3.2213	1.1656
702.	889.1	-5.3	3.8	4.3	99.9	99.	3.9322	3.1714	1.1598
759.	882.7	-5.5	4.2	4.7	99.9	99.	3.8687	3.1221	1.1525
813.	876.6	-5.7	4.4	5.0	99.9	99.	3.7771	3.0734	1.1449
874.	869.8	-5.8	5.1	5.5	99.9	100.	3.7477	3.0506	1.1364
936.	863.0	-6.1	5.5	5.9	99.9	100.	3.6858	3.0031	1.1282
993.	856.7	-6.3	6.3	6.7	99.9	100.	3.6536	2.9559	1.1193
1050.	850.5	-6.2	6.4	6.8	99.9	100.	3.6922	2.9584	1.1128
1108.	844.2	-4.7	8.6	9.1	99.9	100.	4.1302	3.3504	1.0988
1165.	838.1	-4.5	9.4	9.9	99.9	100.	4.2048	3.4085	1.0902
1226.	831.6	-4.4	10.1	10.7	-4.4	100.	4.2441	3.4214	1.0814
1285.	825.4	-4.4	10.7	11.3	-4.4	100.	4.2440	3.4217	1.0733
1395.	814.0	-4.1	12.2	12.8	-4.3	99.	4.2801	3.4495	1.0574
1456.	807.7	-3.6	13.4	13.9	-4.1	96.	4.3932	3.5050	1.0474
1513.	801.9	-3.7	14.3	14.9	-3.7	97.	4.5174	3.6214	1.0388

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOV (G/M**3)	RHO (KG/M**3)
1573.	7[illegible].6	-3.4	14.6	15.4	-3.7	97.	4.5233	3.6213	1.0313
1627.	79[illegible].4	-3.7	14.5	15.6	-3.9	98.	4.4275	3.5630	1.0254
1677.	78[illegible].4	-3.[illegible]	14.[illegible]	15.[illegible]	-4.1	98.	4.3500	3.5056	1.0197
1726.	78[illegible].2	-4.1	14.7	15.[illegible]	-4.2	99.	4.3166	3.4772	1.0137
1779.	77[illegible].4	-4.[illegible]	14.[illegible]	15.[illegible]	-4.[illegible]	98.	4.2071	3.3933	1.0081
1822.	771.1	-4.[illegible]	14.1	16.7	-4.7	99.	4.1360	3.3384	1.0036
1874.	76[illegible].9	-4.[illegible]	14.4	17.[illegible]	-4.9	99.	4.0859	3.2842	0.9977
1913.	761.6	-5.1	14.6	17.2	-5.1	100.	4.0466	3.2303	0.9930
1967.	757.[illegible]	-5.[illegible]	14.7	17.[illegible]	-5.5	100.	3.8621	3.1267	0.9884
2021.	751.8	-5.7	14.7	17.[illegible]	-5.7	100.	3.7923	3.0756	0.9823
2078.	747.[illegible]	-5.[illegible]	14.[illegible]	17.[illegible]	-5.[illegible]	100.	3.6898	3.0004	0.9771
2141.	739.6	-6.6	14.7	17.7	-6.9	100.	3.5213	2.8599	0.9655
2203.	733.2	-7.[illegible]	14.[illegible]	17.[illegible]	-7.0	100.	3.3928	2.7622	0.9585
2306.	722.1	-7.[illegible]	14.4	18.[illegible]	-7.6	100.	3.2484	2.6496	0.9496
2419.	714.4	-8.[illegible]	14.7	18.[illegible]	-9.9	100.	3.1096	2.5523	0.9411
2493.	707.6	-9.4	14.1	18.[illegible]	-9.4	100.	3.0225	2.4573	0.9335
2674.	691.2	-9.[illegible]	14.[illegible]	18.[illegible]	-9.5	100.	2.7251	2.2398	0.9155
2727.	686.5	-9.[illegible]	14.[illegible]	18.7	-9.7	100.	2.6772	2.2020	0.9096
2776.	682.2	-10.1	14.[illegible]	18.7	-10.2	100.	2.5618	2.1184	0.9056
2827.	677.4	-1[illegible].4	14.[illegible]	18.7	-1[illegible].[illegible]	100.	2.4935	2.0571	0.9028
2884.	67[illegible].[illegible]	-1[illegible].[illegible]	14.[illegible]	18.[illegible]	-10.7	100.	2.4434	2.0222	0.8987
2881.	672.[illegible]	-10.[illegible]	14.[illegible]	18.[illegible]	-10.9	100.	2.4260	1.9879	0.8955
2902.	66[illegible].[illegible]	-11.1	14.[illegible]	18.[illegible]	-11.2	100.	2.3422	1.9374	0.8917
2953.	664.6	-11.[illegible]	14.[illegible]	21.[illegible]	-11.[illegible]	100.	2.2600	1.8881	0.8887
2989.	66[illegible].[illegible]	-11.[illegible]	14.[illegible]	21.[illegible]	-11.8	100.	2.2133	1.8600	0.8856
3026.	656.4	-11.[illegible]	14.[illegible]	21.[illegible]	-12.0	100.	2.1797	1.8085	0.8824
3068.	653.6	-12.[illegible]	14.1	21.[illegible]	-12.[illegible]	100.	2.1437	1.7775	0.8783
3134.	651.4	-12.7	14.[illegible]	21.[illegible]	[illegible].[illegible]	100.	2.0135	1.6803	0.8729
3172.	647.[illegible]	-12.[illegible]	14.[illegible]	21.[illegible]	-13.2	97.	1.9551	1.6297	0.8687
3218.	643.[illegible]	-13.1	14.7	22.1	-13.4	97.	1.9198	1.6015	0.8642
3285.	638.[illegible]	-13.[illegible]	14.[illegible]	22.4	-13.5	98.	1.9023	1.5875	0.8594
3311.	636.1	-13.[illegible]	14.[illegible]	22.[illegible]	[illegible].[illegible]	[illegible]	1.8773	1.5713	0.8550
3347.	633.[illegible]	-13.[illegible]	14.4	22.7	-13.[illegible]	99.	1.8341	1.5329	0.8518
3386.	629.[illegible]	-14.[illegible]	14.[illegible]	22.[illegible]	-14.2	98.	1.7843	1.4931	0.8481
3427.	625.4	-14.1	14.[illegible]	23.2	-14.4	97.	1.7519	1.4679	0.8438
3466.	623.2	-14.[illegible]	14.1	23.4	-14.7	96.	1.7242	1.4288	0.8401
3506.	61[illegible].[illegible]	-14.[illegible]	14.[illegible]	23.[illegible]	-14.[illegible]	97.	1.6731	1.4037	0.8366
3545.	616.9	-14.[illegible]	14.[illegible]	23.[illegible]	-15.1	98.	1.6404	1.3791	0.8335
3588.	613.[illegible]	-15.1	14.[illegible]	23.[illegible]	-15.3	98.	1.6123	1.3549	0.8292
3629.	61[illegible].6	-15.5	14.[illegible]	23.[illegible]	[illegible].[illegible]	96.	1.5595	1.3149	0.8269
3668.	606.7	-15.[illegible]	14.7	24.[illegible]	-1[illegible].[illegible]	99.	1.5251	1.2846	0.8225
3704.	603.[illegible]	-16.1	14.7	24.[illegible]	-16.1	100.	1.4970	1.2619	0.8195
3746.	60[illegible].5	-16.[illegible]	14.[illegible]	24.[illegible]	-16.6	100.	1.4288	1.2067	0.8166
3787.	597.5	-16.[illegible]	14.[illegible]	24.1	-16.[illegible]	100.	1.4023	1.1852	0.8131
3825.	594.[illegible]	-17.1	14.[illegible]	24.[illegible]	-17.1	100.	1.3674	1.1538	0.8097
3863.	591.2	-17.4	14.[illegible]	24.[illegible]	-17.5	99.	1.3131	1.1139	0.8064
3913.	587.2	-17.7	14.[illegible]	24.[illegible]	-17.8	99.	1.2785	1.0832	0.8019
3957.	583.[illegible]	-17.[illegible]	14.[illegible]	24.[illegible]	-18.1	99.	1.2429	1.0542	0.7978
3981.	581.[illegible]	-18.2	14.[illegible]	24.[illegible]	-18.[illegible]	99.	1.1949	1.0166	0.7964
4028.	578.5	-18.6	14.5	24.7	-18.8	98.	1.1612	0.9892	0.7927
4065.	57[illegible].5	-18.9	14.[illegible]	24.[illegible]	-19.1	98.	1.1288	0.9625	0.7895
4118.	572.2	-19.[illegible]	14.7	24.[illegible]	-19.3	98.	1.1072	0.9451	0.7859
4188.	56[illegible].1	-19.[illegible]	14.[illegible]	25.[illegible]	-20.0	96.	1.0354	0.8863	0.7784
4230.	562.7	-19.[illegible]	14.[illegible]	25.[illegible]	-20.[illegible]	96.	1.0060	0.8621	0.7746
4266.	559.[illegible]	-20.[illegible]	14.[illegible]	25.[illegible]	-20.[illegible]	96.	0.9848	0.8463	0.7724
4326.	555.[illegible]	-20.[illegible]	14.[illegible]	25.7	-21.[illegible]	96.	0.9586	0.8231	0.7676
4370.	550.2	-20.[illegible]	14.[illegible]	25.[illegible]	-21.1	96.	0.9312	0.8006	0.7675
4391.	550.[illegible]	-21.[illegible]	14.[illegible]	25.[illegible]	-21.2	100.	0.9223	0.7931	0.7621
4441.	544.[illegible]	-21.[illegible]	14.7	25.[illegible]	-21.8	98.	0.8770	0.7509	0.7581
4477.	544.[illegible]	-21.[illegible]	14.[illegible]	26.1	-22.1	97.	0.8456	0.7293	0.7547
4515.	541.4	-22.[illegible]	14.[illegible]	26.[illegible]	-22.[illegible]	97.	0.8128	0.7025	0.7523
4551.	538.[illegible]	-22.[illegible]	14.[illegible]	26.1	-22.8	98.	0.7890	0.6829	0.7487
4594.	534.[illegible]	-22.[illegible]	14.1	26.2	-23.2	97.	0.7586	0.6575	0.7453
4643.	529.1	-23.[illegible]	14.[illegible]	26.4	-23.7	97.	0.7221	0.6272	0.7389
4726.	52[illegible].[illegible]	-23.[illegible]	14.[illegible]	26.[illegible]	-24.1	97.	0.6841	0.6038	0.7355
4758.	52[illegible].[illegible]	-24.1	14.[illegible]	26.7	-24.4	97.	0.6737	0.5868	0.7321
4811.	51[illegible].[illegible]	-24.[illegible]	14.[illegible]	27.[illegible]	-24.6	97.	0.6604	0.5757	0.7284
4855.	51[illegible].[illegible]	-24.[illegible]	14.[illegible]	26.7	-25.1	97.	0.6383	0.5488	0.7255
4922.	504.7	-25.[illegible]	14.[illegible]	27.4	[illegible].[illegible]	97.	0.5946	0.4868	0.7119
5024.	49[illegible].1	-26.[illegible]	14.[illegible]	27.[illegible]	-25.[illegible]	96.	0.4738	0.4184	0.6954
5096.	48[illegible].[illegible]	-27.[illegible]	14.[illegible]	27.[illegible]	-25.[illegible]	96.	0.4553	0.4061	0.6920
5172.	4[illegible].[illegible]	-27.[illegible]	14.[illegible]	27.7	-26.[illegible]	96.	0.4272	0.3745	0.6858
5248.	477.[illegible]	-27.[illegible]	14.[illegible]	27.[illegible]	-26.[illegible]	96.	0.4008	0.3642	0.6815
5471.	474.4	-27.1	14.[illegible]	27.[illegible]	-26.4	97.	0.3756	0.3626	0.6775
5557.	472.[illegible]	-27.[illegible]	14.[illegible]	27.[illegible]	-26.1	98.	0.3772	0.3363	0.6763
5651.	46[illegible].1	-27.[illegible]	14.[illegible]	27.[illegible]	-26.[illegible]	97.	0.3431	0.3231	0.6733
5736.	46[illegible].[illegible]	-28.[illegible]	14.[illegible]	27.[illegible]	-26.[illegible]	97.	0.3278	0.3103	0.6703
5841.	45[illegible].[illegible]	-28.[illegible]	14.[illegible]	27.[illegible]	-27.[illegible]	97.	0.3068	0.3011	0.6667
5952.	45[illegible].[illegible]	-28.[illegible]	14.[illegible]	27.[illegible]	-27.[illegible]	97.	0.2925	0.2892	0.6630
5976.	44[illegible].1	-28.[illegible]	14.[illegible]	27.[illegible]	-27.[illegible]	97.	0.2842	0.2721	0.6594
6112.	44[illegible].[illegible]	-29.[illegible]	14.[illegible]	27.[illegible]	-27.4	97.	0.2742	0.2666	0.6543
6224.	44[illegible].[illegible]	-29.[illegible]	14.[illegible]	27.7	-27.[illegible]	100.	0.2636	0.2357	0.6472
6376.	44[illegible].[illegible]	-29.[illegible]	14.[illegible]	27.[illegible]	-27.7	100.	0.2578	0.2333	0.6438
6486.	43[illegible].[illegible]	-29.[illegible]	14.[illegible]	27.[illegible]	[illegible].[illegible]	100.	0.2358	0.2139	0.6366
6598.	42[illegible].[illegible]	-29.[illegible]	14.[illegible]	28.[illegible]	[illegible].[illegible]	100.	0.2284	0.2070	0.6345

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6132.	461.9	-35.3	19.2	20.5	-35.3	100.	0.2169	0.1976	0.6328
6203.	457.5	-35.7	19.2	20.5	-35.9	98.	0.2056	0.1887	0.6274
6408.	445.0	-37.3	20.1	21.1	-37.6	97.	0.1695	0.1551	0.6131
6446.	442.7	-37.6	20.3	21.3	-37.9	97.	0.1632	0.1495	0.6115
6555.	436.2	-38.4	20.2	21.2	-38.4	100.	0.1518	0.1388	0.6085
6604.	433.3	-38.8	20.2	21.2	-38.8	100.	0.1378	0.1259	0.6017
6641.	431.1	-39.0	20.2	21.2	-39.0	100.	0.1347	0.1232	0.6017
6685.	428.3	-39.2	20.2	21.2	-39.2	100.	0.1280	0.1171	0.5993
6736.	425.6	-39.5	20.3	21.3	-39.5	100.	0.1284	0.1174	0.5952
6836.	420.7	-40.1	20.3	21.3	-40.1	100.	0.1245	0.1139	0.5923
6864.	419.2	-40.3	20.3	21.3	-40.3	100.	0.1218	0.1114	0.5851
6909.	416.6	-40.6	20.3	21.3	-40.6	100.	0.1149	0.1051	0.5841
6944.	414.5	-40.8	20.4	21.4	-40.8	100.	0.1140	0.1042	0.5807
7108.	404.4	-41.9	20.4	21.4	-41.9	100.	0.1012	0.0925	0.5799
7156.	401.4	-42.3	20.4	21.4	-42.3	100.	0.0991	0.0906	0.5788
7240.	396.7	-42.9	20.4	21.4	-42.9	100.	0.0941	0.0861	0.5680
7288.	394.1	-43.2	20.4	21.4	-43.2	100.	0.0911	0.0833	0.5642
7329.	391.7	-43.5	20.4	21.4	-43.5	100.	0.0885	0.0809	0.5642
7398.	387.7	-44.0	20.4	21.4	-44.0	100.	0.0841	0.0768	0.5577
7488.	382.5	-44.7	20.4	21.4	-44.7	100.	0.0781	0.0713	0.5577
7528.	380.2	-45.0	20.4	21.4	-45.0	100.	0.0757	0.0691	0.5552
7598.	376.4	-45.5	20.4	21.4	-45.5	100.	0.0717	0.0654	0.5537
7698.	371.1	-46.2	20.4	21.4	-46.2	100.	0.0662	0.0604	0.5499
7748.	368.5	-46.5	20.4	21.4	-46.5	100.	0.0636	0.0581	0.5486
7830.	364.2	-47.0	20.4	21.4	-47.0	100.	0.0595	0.0543	0.5466
7928.	359.3	-47.6	20.4	21.4	-47.6	100.	0.0547	0.0499	0.5466
7978.	356.9	-47.9	20.4	21.4	-47.9	100.	0.0524	0.0478	0.5466
8016.	355.1	-48.1	20.4	21.4	-48.1	100.	0.0508	0.0463	0.5466
8063.	352.9	-48.4	20.4	21.4	-48.4	100.	0.0488	0.0445	0.5466

SOUNDING 0.0
LATITUDE -57.2 LONGITUDE 5.0
DATE 15-20-81 TIME 2110 GMT
NUMBER OF LEVELS 139

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	972.0	-3.5	-1.3	-2.8	-3.5	100.	4.5835	3.6831	1.2594
50.	965.8	-3.2	-1.2	-2.7	-3.9	100.	4.4337	3.5656	1.2533
132.	955.9	-4.7	-1.2	-3.8	-4.7	100.	4.1991	3.3403	1.2438
206.	946.9	-5.4	-1.2	-4.8	-5.4	100.	3.8985	3.1545	1.2351
332.	931.8	-6.4	-1.2	-5.6	-6.4	100.	3.5768	2.9054	1.2198
391.	924.7	-6.9	-1.2	-6.5	-6.9	100.	3.4252	2.7875	1.2127
445.	918.5	-7.3	-1.2	-7.4	-7.3	100.	3.3062	2.6963	1.2064
496.	912.4	-7.6	-1.2	-7.2	-7.6	100.	3.2228	2.6297	1.1996
541.	907.1	-7.7	-0.2	-6.2	-7.7	100.	3.1947	2.6078	1.1930
586.	901.8	-7.5	0.5	2.0	-7.5	100.	3.2589	2.6516	1.1852
630.	896.2	-7.1	1.4	1.7	-7.1	100.	3.3659	2.7413	1.1760
685.	889.4	-7.0	2.0	2.4	-7.0	100.	3.3951	2.7641	1.1682
732.	885.1	-6.9	2.5	2.8	-6.9	100.	3.4246	2.7870	1.1608
781.	879.5	-6.9	3.0	3.5	-6.9	100.	3.4246	2.7870	1.1535
830.	874.0	-7.0	3.4	3.8	-7.0	100.	3.3949	2.7639	1.1467
883.	868.1	-7.1	3.9	4.3	-7.1	100.	3.3655	2.7410	1.1394
935.	862.3	-7.2	4.3	4.7	-7.2	100.	3.3363	2.7182	1.1322
991.	856.2	-7.4	4.6	5.1	-7.4	100.	3.2787	2.6733	1.1250
1044.	850.3	-7.6	5.0	5.4	-7.6	100.	3.2220	2.6298	1.1181
1095.	844.8	-7.8	5.3	5.7	-7.8	100.	3.1662	2.5854	1.1117
1152.	838.8	-8.0	5.7	6.1	-8.0	100.	3.1112	2.5425	1.1043
1211.	832.2	-8.3	6.0	6.4	-8.3	100.	3.0305	2.4793	1.0971
1275.	825.2	-8.6	6.3	6.7	-8.6	100.	2.9517	2.4176	1.0892
1351.	817.3	-8.8	6.6	7.0	-8.8	100.	2.9002	2.3772	1.0794
1424.	809.7	-9.1	7.2	7.7	-9.1	100.	2.8245	2.3178	1.0706
1496.	802.1	-9.1	8.1	8.5	-9.1	100.	2.8244	2.3177	1.0603
1565.	795.0	-9.2	8.7	9.1	-9.2	100.	2.7995	2.2981	1.0515
1628.	788.6	-9.3	9.2	9.6	-9.3	100.	2.7748	2.2787	1.0435
1698.	781.4	-9.4	9.8	10.2	-9.4	100.	2.7503	2.2595	1.0343
1787.	772.5	-9.6	10.6	10.9	-9.6	100.	2.7020	2.2215	1.0233
1862.	765.0	-9.7	11.2	11.5	-9.7	100.	2.6781	2.2027	1.0138
1939.	757.4	-9.8	11.8	12.2	-9.8	100.	2.6544	2.1840	1.0041
2005.	751.0	-9.8	12.4	12.8	-9.8	100.	2.6779	2.1655	0.9958
2066.	744.9	-10.1	12.7	13.2	-10.1	100.	2.6076	2.1471	0.9881
2125.	739.0	-10.3	13.3	13.7	-10.3	100.	2.5845	2.1471	0.9807
2180.	733.8	-10.2	14.1	14.5	-10.2	100.	2.5619	2.1107	0.9745
2244.	728.0	-10.2	14.1	14.5	-10.2	100.	2.5788	2.0929	0.9660
2294.	722.9	-10.3	14.5	15.0	-10.3	100.	2.5560	2.0753	0.9607
2350.	717.8	-10.7	14.9	15.4	-10.7	100.	2.4838	2.0224	0.9540
2414.	711.9	-11.0	15.2	15.7	-11.0	100.	2.4614	1.9989	0.9479
2474.	706.5	-11.1	15.6	16.1	-11.1	100.	2.4397	1.9544	0.9412
2535.	701.1	-11.2	16.2	16.7	-11.2	100.	2.3816	1.9211	0.9347
2597.	695.8	-11.4	16.8	17.3	-11.4	100.	2.3604	1.9047	0.9277
2658.	690.3	-11.6	17.4	17.9	-11.6	100.	2.3394	1.8722	0.9213
2722.	684.6	-11.7	18.1	18.6	-11.7	100.	2.2796	1.8561	0.9148
2787.	679.2	-12.1	18.4	19.0	-12.1	100.	2.2394	1.8086	0.9019
2854.	673.7	-12.1	19.1	19.7	-12.1	100.	2.1798	1.7933	0.8955

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2942.	664.6	-12.4	19.9	20.2	-12.4	100.	2.1024	1.7471	0.8896
3002.	659.4	-12.6	20.3	20.7	-12.6	100.	2.0646	1.7179	0.8833
3059.	654.5	-13.0	20.5	20.8	-13.0	100.	1.9910	1.6583	0.8781
3117.	649.5	-13.4	20.7	21.0	-13.4	100.	1.9198	1.6015	0.8727
3178.	644.3	-13.8	20.9	21.2	-13.8	100.	1.8510	1.5465	0.8670
3242.	638.9	-14.2	21.1	21.5	-14.2	100.	1.7844	1.4931	0.8610
3306.	633.5	-14.6	21.2	21.5	-14.8	100.	1.6486	1.4163	0.8556
3366.	628.5	-15.3	21.3	21.6	-15.3	100.	1.6125	1.3559	0.8505
3424.	623.7	-15.7	21.5	21.7	-15.7	100.	1.5538	1.3077	0.8452
3488.	618.4	-16.2	21.6	21.9	-16.2	100.	1.4832	1.2507	0.8396
3552.	613.2	-16.6	21.8	22.1	-16.6	100.	1.4289	1.2065	0.8338
3619.	607.7	-17.1	22.0	22.3	-17.1	100.	1.3635	1.1538	0.8279
3687.	602.2	-17.5	22.3	22.6	-17.5	100.	1.3132	1.1132	0.8217
3743.	597.7	-17.9	22.5	22.8	-17.9	100.	1.2646	1.0735	0.8168
3806.	592.7	-18.4	22.6	22.9	-18.4	100.	1.2262	1.0259	0.8115
3882.	586.7	-19.0	22.8	23.0	-19.0	100.	1.1394	0.9714	0.8052
3950.	581.3	-19.5	23.0	23.2	-19.5	100.	1.0863	0.9279	0.7997
4047.	573.8	-19.7	23.4	24.1	-19.7	100.	1.0557	0.9111	0.7996
4136.	566.9	-20.2	24.3	24.5	-20.2	100.	1.0157	0.8701	0.7916
4185.	563.2	-20.4	24.6	24.8	-20.4	100.	0.9964	0.8542	0.7771
4232.	559.6	-20.8	24.7	24.9	-20.8	100.	0.9587	0.8232	0.7733
4324.	552.7	-21.1	25.4	25.6	-21.1	100.	0.9312	0.8006	0.7647
4375.	549.0	-21.6	25.4	25.6	-21.6	100.	0.8871	0.7642	0.7610
4515.	538.5	-22.7	25.7	25.9	-22.7	100.	0.7968	0.6894	0.7497
4565.	534.8	-23.1	25.8	26.0	-23.1	100.	0.7661	0.6639	0.7457
4660.	527.9	-23.9	26.0	26.1	-23.9	100.	0.7079	0.6154	0.7384
4808.	517.3	-25.0	26.4	26.5	-25.0	100.	0.6346	0.5541	0.7268
4858.	513.7	-25.3	26.5	26.6	-25.3	100.	0.6158	0.5384	0.7226
4909.	510.1	-25.7	26.6	26.8	-25.7	100.	0.5916	0.5180	0.7186
4956.	506.8	-26.2	26.7	26.8	-26.2	100.	0.5626	0.4936	0.7154
5009.	503.1	-26.6	26.8	26.9	-26.6	100.	0.5403	0.4749	0.7113
5055.	499.9	-27.4	26.9	26.9	-27.4	100.	0.4981	0.4392	0.7081
5101.	496.7	-27.7	26.9	26.9	-27.7	100.	0.4851	0.4269	0.7054
5150.	493.3	-28.0	26.9	26.9	-28.0	100.	0.4685	0.4141	0.7014
5197.	490.1	-28.4	26.9	27.0	-28.4	100.	0.4497	0.3981	0.6980
5250.	486.5	-28.8	27.0	27.1	-28.8	100.	0.4316	0.3827	0.6940
5303.	482.9	-29.2	27.0	27.1	-29.2	100.	0.4141	0.3676	0.6899
5347.	479.9	-29.6	27.2	27.3	-29.6	100.	0.3973	0.3535	0.6860
5396.	476.6	-30.1	27.2	27.3	-30.1	100.	0.3772	0.3363	0.6834
5449.	473.1	-30.6	27.2	27.3	-30.6	100.	0.3585	0.3199	0.6798
5495.	470.0	-31.1	27.2	27.3	-31.1	100.	0.3398	0.3042	0.6767
5542.	466.9	-31.5	27.2	27.3	-31.5	100.	0.3258	0.2921	0.6734
5594.	463.5	-31.9	27.4	27.4	-31.9	100.	0.3123	0.2805	0.6696
5641.	460.4	-32.5	27.5	27.5	-32.5	100.	0.2971	0.2635	0.6667
5693.	457.0	-32.8	27.4	27.5	-32.8	100.	0.2830	0.2559	0.6626
5741.	453.9	-33.2	27.5	27.6	-33.2	100.	0.2720	0.2456	0.6598
5786.	451.0	-33.5	27.7	27.7	-33.5	100.	0.2634	0.2382	0.6581
5834.	447.9	-33.9	27.8	27.9	-33.9	100.	0.2523	0.2285	0.6552
5889.	444.4	-34.3	28.0	28.0	-34.3	100.	0.2417	0.2190	0.6524
5933.	441.6	-34.7	28.0	28.1	-34.7	100.	0.2315	0.2104	0.6496
5976.	438.9	-35.1	28.0	28.1	-35.1	100.	0.2217	0.2017	0.6475
6022.	436.0	-35.5	28.1	28.1	-35.5	100.	0.2122	0.1930	0.6453
6070.	433.0	-35.9	28.2	28.2	-35.9	100.	0.2032	0.1856	0.6366
6120.	429.9	-36.4	28.2	28.2	-36.4	100.	0.1923	0.1760	0.6327
6217.	423.9	-37.1	28.4	28.5	-37.1	100.	0.1761	0.1635	0.6255
6264.	421.0	-37.6	28.4	28.5	-37.6	100.	0.1685	0.1559	0.6228
6313.	418.0	-38.1	28.4	28.5	-38.1	100.	0.1594	0.1469	0.6197
6361.	415.1	-38.4	28.6	28.7	-38.4	100.	0.1541	0.1427	0.6161
6412.	412.0	-38.8	28.6	28.7	-38.8	100.	0.1474	0.1363	0.6126
6457.	409.3	-39.2	28.8	28.9	-39.2	100.	0.1410	0.1305	0.6095
6504.	406.5	-39.6	28.8	28.9	-39.6	100.	0.1347	0.1250	0.6065
6555.	403.5	-39.9	29.1	29.2	-39.9	100.	0.1288	0.1219	0.6028
6664.	397.1	-40.8	29.3	29.4	-40.8	100.	0.1176	0.1087	0.5955
6710.	394.1	-41.1	29.4	29.5	-41.1	100.	0.1136	0.1051	0.5917
6767.	391.1	-42.2	28.6	28.9	-42.2	100.	0.1001	0.0940	0.5900
6810.	388.4	-42.4	29.1	29.4	-42.4	100.	0.0970	0.0910	0.5869
6859.	385.3	-42.7	29.3	29.4	-42.7	100.	0.0925	0.0868	0.5843
6910.	382.2	-42.9	29.7	29.8	-42.9	100.	0.0894	0.0841	0.5794
7055.	374.7	-43.7	30.6	30.7	-43.7	100.	0.0791	0.0745	0.5671
7106.	371.9	-44.0	30.8	30.9	-44.0	100.	0.0753	0.0709	0.5654
7260.	363.4	-45.0	31.5	31.5	-45.0	100.	0.0672	0.0633	0.5549
7323.	360.0	-45.4	31.6	31.7	-45.4	100.	0.0638	0.0601	0.5527
7380.	356.9	-45.7	32.1	32.1	-45.7	100.	0.0605	0.0570	0.5467
7451.	353.1	-47.1	31.6	31.6	-47.1	100.	0.0502	0.0473	0.5442
7524.	350.3	-47.3	31.8	31.8	-47.3	100.	0.0482	0.0454	0.5404
7588.	348.0	-47.5	32.2	32.2	-47.5	100.	0.0470	0.0443	0.5356
7650.	345.1	-47.8	32.4	32.4	-47.8	100.	0.0447	0.0421	0.5289
7723.	342.0	-48.2	32.5	32.5	-48.2	100.	0.0424	0.0399	0.5240
7745.	341.1	-48.3	32.5	32.5	-48.3	100.	0.0417	0.0393	0.5225
7806.	338.4	-48.6	32.6	32.6	-48.6	100.	0.0398	0.0375	0.5201
7819.	337.9	-48.7	32.6	32.6	-48.7	100.	0.0394	0.0371	0.5189
7851.	336.6	-48.8	32.6	32.6	-48.8	100.	0.0384	0.0362	0.5182
7886.	335.3	-48.9	32.6	32.6	-48.9	100.	0.0374	0.0352	0.5163
7914.	334.2	-49.0	32.6	32.6	-49.0	100.	0.0365	0.0344	0.5167
7922.	333.9	-49.1	32.6	32.6	-49.1	100.	0.0363	0.0342	0.5162

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
7955.	327.0	-52.1	31.6	31.1	-52.1	100.	0.0304	0.0298	0.5154
7995.	325.6	-52.5	31.5	31.1	-52.5	100.	0.0289	0.0284	0.5131
8051.	323.2	-53.5	30.4	30.4	-53.5	100.	0.0254	0.0251	0.5110
8089.	321.3	-54.3	30.3	30.3	-54.3	100.	0.0236	0.0236	0.5092
8121.	319.7	-54.3	30.2	30.2	-54.3	100.	0.0230	0.0227	0.5073
8135.	319.0	-54.7	29.9	29.9	-54.7	100.	0.0218	0.0216	0.5071
8151.	317.2	-55.0	29.7	29.7	-55.0	100.	0.0210	0.0208	0.5066

SOUNDING 9.0
LATITUDE -61.3 LONGITUDE 2.9
DATE 10-27-81 TIME 1150 GMT
NUMBER OF LEVELS 19

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	963.0	-7.6	-4.7	-4.4	-8.5	92.	2.9734	2.4394	1.2657
58.	955.8	-9.1	-5.7	-5.4	-9.4	97.	2.7523	2.2611	1.2632
204.	937.9	-10.8	-6.0	-5.7	-10.9	99.	2.4086	1.9901	1.2474
274.	929.3	-11.5	-6.0	-5.7	-11.5	100.	2.2825	1.8902	1.2392
349.	920.3	-11.1	-4.8	-4.6	-12.0	92.	2.1820	1.8105	1.2252
530.	898.8	-12.8	-4.7	-4.5	-12.8	100.	2.0296	1.6891	1.2043
604.	890.0	-13.5	-4.7	-4.5	-13.5	100.	1.9043	1.5892	1.1957
641.	885.7	-15.0	-5.0	-5.7	-15.0	100.	1.6595	1.3929	1.1966
709.	877.8	-14.8	-5.0	-4.6	99.9	99.	1.6725	1.4054	1.1850
816.	865.5	-14.7	-3.8	-3.6	-15.0	97.	1.6594	1.3928	1.1680
860.	860.4	-15.7	-4.4	-4.2	-15.7	100.	1.5553	1.3090	1.1655
1004.	844.2	-13.0	-0.1	0.1	-13.5	96.	1.9040	1.5889	1.1320
1079.	835.9	-12.3	1.7	2.0	-12.5	96.	2.0849	1.7332	1.1168
1150.	828.2	-13.0	1.4	1.6	99.9	96.	1.9045	1.5899	1.1106
1512.	789.8	-12.1	6.1	6.4	99.9	96.	2.0656	1.7190	1.0557
1799.	760.7	-12.5	8.7	9.0	-13.0	96.	1.9019	1.6591	1.0183
1996.	741.2	-13.3	9.9	10.2	99.9	95.	1.8430	1.5381	0.9952
2079.	733.2	-13.3	10.8	11.1	-13.9	95.	1.8348	1.5335	0.9845
2165.	724.9	-13.3	11.7	12.0	-14.0	94.	1.8180	1.5201	0.9733

SOUNDING 10.0
LATITUDE -62.0 LONGITUDE 2.4
DATE 10-29-81 TIME 2243 GMT
NUMBER OF LEVELS 34

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	990.0	-10.6	-9.6	-9.6	-12.2	87.	2.1436	1.7800	1.3153
44.	984.4	-11.3	-10.1	-9.9	99.9	90.	2.1032	1.7441	1.3114
98.	977.4	-11.8	-10.1	-9.8	99.9	95.	2.1185	1.7603	1.3046
140.	972.0	-12.1	-10.2	-9.8	-12.2	99.	2.1435	1.7798	1.2989
204.	964.0	-12.6	-9.9	-9.6	-12.7	99.	2.0486	1.7043	1.2906
260.	956.9	-13.2	-9.5	-9.7	-13.2	100.	1.9576	1.6318	1.2840
327.	948.5	-13.9	-10.0	-9.8	99.9	100.	1.8332	1.5352	1.2761
375.	942.5	-14.4	-10.2	-9.9	99.9	100.	1.7489	1.4672	1.2704
419.	937.0	-14.8	-10.3	-9.9	99.9	100.	1.6837	1.4146	1.2649
464.	931.5	-15.3	-10.5	-9.8	99.9	99.	1.6058	1.3517	1.2598
511.	925.6	-15.7	-10.6	-9.8	99.9	99.	1.5454	1.3028	1.2537
557.	920.0	-16.2	-10.8	-9.8	99.9	99.	1.4734	1.2445	1.2485
612.	913.3	-16.7	-10.9	-9.8	99.9	99.	1.4041	1.1882	1.2418
680.	905.1	-17.3	-11.0	-9.8	99.9	99.	1.3249	1.1237	1.2335
738.	898.0	-17.8	-11.1	-9.7	99.9	99.	1.2620	1.0724	1.2262
803.	890.2	-18.3	-11.2	-9.7	99.9	99.	1.2016	1.0230	1.2180
861.	883.4	-18.8	-11.3	-9.7	99.9	98.	1.1333	0.9671	1.2114
931.	875.1	-19.4	-11.4	-9.7	99.9	98.	1.0784	0.9220	1.2023
992.	867.9	-19.9	-11.4	-9.6	99.9	98.	1.0263	0.8791	1.1947
1042.	862.0	-20.3	-11.5	-9.6	99.9	98.	0.9862	0.8461	1.1885
1096.	855.8	-20.8	-11.5	-9.6	99.9	98.	0.9384	0.8067	1.1822
1142.	850.5	-21.1	-11.6	-9.6	99.9	98.	0.9104	0.7835	1.1763
1196.	844.9	-21.6	-11.6	-9.6	99.9	98.	0.8661	0.7468	1.1708
1245.	839.8	-22.1	-11.7	-9.6	99.9	97.	0.8237	0.7116	1.1644
1296.	834.5	-22.6	-11.7	-9.6	99.9	97.	0.7833	0.6780	1.1586
1333.	830.6	-21.1	-7.7	-7.6	-21.9	97.	0.8626	0.7439	1.1482
1368.	826.7	-20.9	-6.6	-6.5	-21.4	95.	0.9056	0.7794	1.1397
1402.	823.9	-20.5	-5.8	-5.7	-21.2	93.	0.9232	0.7940	1.1327
1435.	821.2	-20.4	-5.4	-5.3	-20.9	95.	0.9505	0.8164	1.1273
1488.	817.0	-20.4	-5.1	-4.9	-20.8	96.	0.9597	0.8240	1.1222
1502.	815.9	-20.4	-4.7	-4.5	-20.7	97.	0.9600	0.8317	1.1171
1533.	813.5	-20.4	-4.4	-4.3	-20.6	98.	0.9783	0.8394	1.1124
1566.	810.7	-20.5	-4.1	-4.0	-20.6	99.	0.9783	0.8394	1.1076
1600.	808.2	-20.4	-4.7	-3.8	-20.5	99.	0.9878	0.8472	1.1024
1632.	795.8	-20.8	-3.1	-3.0	-20.5	97.	0.9878	0.8471	1.0968
1664.	793.3	-20.4	-2.4	-2.3	-20.5	98.	0.9878	0.8471	1.0924
1695.	790.8	-20.4	-2.7	-2.6	-20.5	99.	0.9877	0.8471	1.0883
1726.	788.7	-20.4	-2.4	-2.3	-20.5	99.	0.9877	0.8471	1.0838

SOUNDING 11.0
LATITUDE -62.2 LONGITUDE 2.8
DATE 11- 2-81 TIME 0600 GMT
NUMBER OF LEVELS 151

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	983.6	-7.3	-6.1	-5.8	-5.7	81.	2.6806	2.2047	1.2913
2.	983.5	-7.9	-6.6	-6.4	99.9	81.	2.5455	2.0848	1.2937
43.	978.4	-8.9	-7.2	-7.0	99.9	82.	2.3552	1.9359	1.2918
83.	973.3	-9.9	-7.9	-7.6	99.9	83.	2.1776	1.7964	1.2898
127.	967.8	-9.7	-7.2	-7.0	99.9	84.	2.2404	1.8469	1.2816
169.	962.5	-10.2	-7.3	-7.1	99.9	84.	2.1653	1.7883	1.2769
216.	956.6	-10.7	-7.4	-7.1	99.9	85.	2.0946	1.7331	1.2715
260.	951.2	-11.1	-7.5	-7.1	99.9	86.	2.0421	1.6921	1.2662
297.	946.6	-11.4	-7.5	-7.1	99.9	87.	2.0054	1.6636	1.2615
346.	940.5	-11.8	-7.6	-7.1	99.9	88.	1.9572	1.6260	1.2552
389.	935.3	-12.2	-7.6	-7.1	99.9	89.	1.9065	1.5863	1.2502
438.	929.3	-12.5	-7.7	-6.9	99.9	90.	1.8766	1.5632	1.2436
493.	922.6	-12.8	-6.7	-6.5	99.9	91.	1.8493	1.5422	1.2360
547.	916.0	-13.3	-6.7	-6.5	99.9	92.	1.7890	1.4947	1.2295
592.	910.7	-13.6	-6.6	-6.4	99.9	93.	1.7579	1.4704	1.2238
626.	906.6	-12.2	-4.8	-4.6	-12.9	94.	2.0113	1.6746	1.2120
658.	902.8	-10.0	-2.2	-1.9	-11.3	99.	2.3236	1.9228	1.1971
692.	898.8	-9.6	-1.4	-1.2	-11.1	88.	2.3655	1.9560	1.1900
720.	895.6	-9.2	-0.8	-0.5	-10.9	86.	2.4082	1.9858	1.1840
752.	891.9	-8.8	-0.3	0.3	-10.7	85.	2.4516	2.0240	1.1774
785.	888.1	-8.6	0.5	0.8	-10.6	84.	2.4735	2.0414	1.1715
815.	884.7	-8.4	1.0	1.3	-10.4	84.	2.5180	2.0765	1.1662
846.	881.1	-8.0	1.8	2.1	-10.2	82.	2.5631	2.1121	1.1597
880.	877.3	-7.8	2.3	2.6	-10.2	81.	2.5631	2.1121	1.1539
914.	873.4	-7.6	2.8	3.2	-10.2	81.	2.6080	2.1483	1.1479
947.	869.7	-7.5	3.3	3.6	-10.2	80.	2.6089	2.1482	1.1426
981.	865.9	-7.5	3.7	4.0	-10.1	80.	2.5858	2.1300	1.1376
1014.	862.3	-7.5	4.0	4.3	-10.2	79.	2.5629	2.1119	1.1329
1047.	858.6	-7.5	4.0	4.5	-10.2	80.	2.5629	2.1119	1.1285
1082.	854.8	-7.6	4.0	4.6	-10.2	80.	2.5628	2.1119	1.1235
1116.	851.0	-7.6	4.4	5.2	-10.3	79.	2.5401	2.0939	1.1185
1148.	847.5	-7.5	5.4	5.7	-10.3	78.	2.5401	2.0939	1.1135
1181.	843.9	-7.5	5.7	6.0	-10.4	77.	2.5175	2.0761	1.1087
1216.	840.2	-7.6	5.9	6.3	-10.5	77.	2.4952	2.0585	1.1043
1247.	836.8	-7.5	6.4	6.7	-10.4	77.	2.5175	2.0760	1.0994
1281.	833.2	-7.7	6.5	6.8	-10.3	80.	2.5399	2.0938	1.0955
1314.	829.6	-7.9	6.5	7.0	-10.2	82.	2.5626	2.1117	1.0916
1346.	826.2	-8.0	6.9	7.2	-10.3	82.	2.5398	2.0937	1.0876
1380.	822.6	-8.4	6.8	7.1	-10.5	83.	2.4950	2.0583	1.0844
1413.	819.1	-8.7	6.8	7.1	-10.5	85.	2.4728	2.0408	1.0810
1450.	815.2	-9.0	6.9	7.2	-10.7	86.	2.4508	2.0234	1.0771
1482.	811.8	-9.1	7.1	7.4	-11.0	84.	2.3959	1.9721	1.0730
1517.	808.2	-9.5	7.0	7.3	-11.1	87.	2.3447	1.9552	1.0698
1557.	804.0	-9.6	7.1	7.4	-11.2	88.	2.3435	1.9385	1.0655
1585.	801.0	-10.2	7.0	7.3	-11.3	91.	2.3226	1.9210	1.0631
1623.	797.1	-10.4	7.2	7.5	-11.4	91.	2.3018	1.9055	1.0587
1658.	793.5	-10.4	7.5	7.8	-11.5	91.	2.2812	1.8891	1.0539
1693.	789.8	-10.3	8.0	8.2	-11.6	89.	2.2608	1.8729	1.0487
1731.	786.0	-10.2	8.7	8.9	-11.8	85.	2.2204	1.8404	1.0424
1763.	782.7	-10.2	9.1	9.4	-11.9	84.	2.2005	1.8251	1.0380
1798.	779.2	-9.8	9.5	9.8	-11.8	84.	2.2005	1.8251	1.0329
1833.	775.6	-9.8	10.0	10.3	-11.9	83.	2.2004	1.8250	1.0278
1871.	771.8	-9.7	10.4	10.8	-12.0	81.	2.1807	1.8093	1.0224
1908.	768.1	-9.7	10.9	11.2	-12.0	81.	2.1806	1.8092	1.0175
1945.	764.5	-9.7	11.3	11.6	-12.1	79.	2.1224	1.7630	1.0127
1983.	761.0	-10.0	11.5	11.9	-12.4	81.	2.1032	1.7478	1.0092
2014.	757.5	-10.2	11.4	11.7	-12.5	82.	2.0843	1.7327	1.0058
2055.	753.6	-10.6	11.2	11.6	-12.8	84.	2.0842	1.7326	1.0016
2088.	750.4	-10.8	11.2	11.5	-12.8	84.	2.0283	1.6881	0.9981
2126.	746.7	-10.9	11.2	11.5	-12.8	81.	1.9559	1.6303	0.9935
2162.	743.2	-11.1	12.1	12.4	-13.4	81.	1.9206	1.6021	0.9894
2196.	739.9	-11.2	12.5	12.8	-13.7	80.	1.8687	1.5607	0.9855
2228.	736.9	-11.3	12.6	12.9	-13.9	79.	1.8348	1.5336	0.9818
2257.	734.2	-11.4	12.5	12.8	-14.0	78.	1.8141	1.5202	0.9803
2292.	730.7	-11.6	12.7	13.0	-14.1	81.	1.8315	1.5069	0.9755
2327.	727.3	-11.8	13.0	13.3	-14.4	80.	1.7586	1.4676	0.9713
2361.	724.1	-12.1	13.2	13.5	-14.6	78.	1.7207	1.4423	0.9674
2395.	720.9	-12.1	13.2	13.5	-14.6	79.	1.6932	1.4169	0.9629
2437.	716.9	-12.2	13.9	14.1	-15.1	77.	1.6451	1.3797	0.9584
2474.	713.5	-12.3	14.1	14.3	-15.3	76.	1.6130	1.3555	0.9542
2508.	710.3	-12.4	14.4	14.6	-15.1	78.	1.6451	1.3797	0.9503
2546.	706.6	-12.5	14.4	14.6	-15.1	79.	1.6130	1.3554	0.9453
2579.	703.7	-12.6	14.7	14.9	-15.4	77.	1.5981	1.3435	0.9422
2614.	700.5	-12.7	15.0	15.4	-15.6	77.	1.5686	1.3198	0.9383
2651.	697.1	-12.8	15.4	15.8	-15.6	76.	1.5537	1.3198	0.9344
2687.	693.8	-13.0	15.4	15.7	-15.7	75.	1.5542	1.3081	0.9311
2721.	690.7	-13.1	15.4	15.7	-15.9	75.	1.5254	1.2850	0.9280

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2754.	687.7	-13.4	15.9	16.2	-16.1	78.	1.4975	1.2623	0.9236
2791.	684.4	-13.9	15.8	16.0	-16.2	81.	1.4836	1.2511	0.9209
2823.	681.5	-14.1	15.9	16.1	-16.4	81.	1.4562	1.2289	0.9177
2857.	678.4	-14.1	16.3	16.5	-16.4	81.	1.4562	1.2289	0.9135
2886.	675.8	-14.5	16.1	16.4	-16.7	82.	1.4159	1.1964	0.9114
2928.	672.1	-14.8	16.2	16.5	-16.9	82.	1.3897	1.1751	0.9074
2961.	669.2	-15.1	16.3	16.5	-17.2	82.	1.3511	1.1438	0.9045
2998.	665.9	-15.3	16.5	16.7	-17.4	82.	1.3260	1.1234	0.9008
3033.	662.8	-15.2	17.0	17.2	-17.5	81.	1.3135	1.1133	0.8962
3072.	659.4	-15.6	16.9	17.1	-17.6	83.	1.3012	1.1033	0.8930
3113.	655.3	-15.8	17.2	17.4	-17.6	85.	1.3012	1.1033	0.8881
3153.	652.3	-16.1	17.3	17.5	-17.8	85.	1.2769	1.0835	0.8851
3197.	648.5	-16.4	17.4	17.6	-17.6	89.	1.3011	1.1032	0.8810
3233.	645.4	-16.4	17.8	18.0	-17.3	92.	1.3384	1.1335	0.8768
3271.	642.2	-16.8	17.8	18.0	-17.1	97.	1.3637	1.1540	0.8739
3313.	638.6	-16.8	18.2	18.5	-16.9	99.	1.3895	1.1749	0.8690
3343.	636.0	-16.9	18.5	18.7	-17.0	99.	1.3765	1.1644	0.8658
3379.	633.0	-17.2	18.5	18.7	-17.2	100.	1.3509	1.1436	0.8627
3417.	629.8	-17.4	18.7	18.9	99.9	100.	1.3244	1.1245	0.8590
3449.	627.1	-17.7	18.7	18.9	99.9	100.	1.2865	1.0934	0.8563
3484.	624.2	-17.8	19.0	19.2	99.9	100.	1.2732	1.0826	0.8526
3516.	621.5	-18.0	19.1	19.3	99.9	100.	1.2483	1.0622	0.8496
3559.	617.9	-18.1	19.5	19.7	99.9	100.	1.2351	1.0514	0.8450
3596.	614.9	-18.1	19.9	20.1	99.9	99.	1.2339	1.0504	0.8409
3626.	612.4	-18.3	20.0	20.2	99.9	99.	1.2098	1.0306	0.8381
3667.	609.0	-18.3	20.5	20.7	99.9	99.	1.2085	1.0295	0.8335
3694.	606.8	-18.7	20.3	20.5	99.9	99.	1.1626	0.9920	0.8317
3736.	603.4	-18.6	20.9	21.1	-18.7	99.	1.1724	0.9984	0.8268
3780.	599.9	-19.0	20.9	21.1	-19.0	100.	1.1394	0.9714	0.8232
3822.	596.5	-19.6	20.7	20.9	99.9	100.	1.0760	0.9212	0.8205
3855.	593.8	-19.6	21.1	21.3	-19.6	100.	1.0760	0.9195	0.8168
3895.	590.6	-19.9	21.2	21.4	99.9	99.	1.0357	0.8877	0.8133
3937.	587.3	-20.0	21.6	21.8	-20.2	98.	1.0158	0.8702	0.8091
3975.	584.3	-20.2	21.8	21.9	-20.5	97.	0.9869	0.8464	0.8055
4012.	581.4	-20.6	21.7	21.9	-20.7	99.	0.9680	0.8309	0.8028
4051.	578.3	-21.1	21.6	21.8	99.9	99.	0.9191	0.7906	0.8001
4091.	575.2	-21.4	21.7	21.9	99.9	98.	0.8877	0.7652	0.7967
4129.	572.2	-21.7	21.8	21.9	99.9	96.	0.8583	0.7407	0.7935
4177.	568.5	-21.5	22.5	22.7	-21.8	97.	0.8701	0.7501	0.7877
4212.	565.8	-22.0	22.4	22.5	99.9	97.	0.8286	0.4814	0.7853
4247.	563.1	-22.6	22.2	22.3	99.9	97.	0.7893	0.4584	0.7831
4290.	559.8	-22.7	22.4	22.6	99.9	97.	0.7740	0.4495	0.7791
4331.	556.7	-23.0	22.6	22.7	99.9	97.	0.7515	0.4365	0.7757
4372.	553.6	-23.2	22.8	22.9	99.9	97.	0.7369	0.4280	0.7720
4409.	550.8	-23.6	22.7	22.9	99.9	97.	0.7084	0.4114	0.7693
4446.	548.0	-23.4	23.4	23.6	99.9	97.	0.7225	0.4196	0.7648
4487.	544.9	-24.0	23.2	23.3	99.9	97.	0.6809	0.3955	0.7623
4526.	542.0	-24.4	23.2	23.3	99.9	97.	0.6544	0.3801	0.7594
4569.	538.8	-24.6	23.4	23.6	99.9	97.	0.6415	0.3726	0.7555
4616.	535.3	-24.8	23.7	23.9	99.9	97.	0.6288	0.3652	0.7512
4655.	532.5	-25.2	23.7	23.8	99.9	97.	0.6042	0.3509	0.7485
4694.	529.6	-25.1	24.3	24.4	99.9	97.	0.6102	0.3545	0.7441
4727.	527.2	-25.3	24.4	24.6	99.9	97.	0.5982	0.3474	0.7413
4773.	523.9	-25.7	24.5	24.6	99.9	97.	0.5746	0.3338	0.7379
4804.	521.6	-25.7	24.5	25.0	99.9	97.	0.5746	0.3338	0.7346
4846.	518.6	-26.2	24.7	24.9	99.9	97.	0.5464	0.3174	0.7319
4885.	515.8	-26.4	25.0	25.1	99.9	97.	0.5355	0.3111	0.7285
4917.	513.5	-26.9	24.7	24.9	99.9	97.	0.5091	0.2957	0.7267
4966.	510.5	-27.2	24.9	25.1	99.9	97.	0.4938	0.2868	0.7234
4998.	507.8	-27.4	25.1	25.2	99.9	97.	0.4838	0.2810	0.7201
5030.	505.5	-27.6	25.2	25.3	99.9	97.	0.4741	0.2754	0.7174
5073.	502.5	-27.5	25.5	25.6	99.9	97.	0.4789	0.2782	0.7129
5122.	499.1	-28.1	25.7	25.8	99.9	97.	0.4504	0.2616	0.7093
5152.	497.0	-28.6	25.5	25.6	99.9	97.	0.4279	0.2485	0.7082
5227.	491.8	-29.4	25.4	25.5	99.9	97.	0.3940	0.2289	0.7031
5263.	489.3	-29.8	25.6	25.7	99.9	97.	0.3859	0.2242	0.7001
5303.	486.6	-29.8	26.0	26.1	99.9	97.	0.3859	0.2242	0.6962
5339.	484.1	-30.2	25.7	25.8	99.9	97.	0.3626	0.2106	0.6943
5367.	482.2	-30.1	26.2	26.3	99.9	97.	0.3664	0.2128	0.6913
5407.	479.5	-31.2	25.3	25.4	99.9	97.	0.3266	0.1897	0.6906
5446.	476.9	-31.5	26.0	26.1	99.9	97.	0.3335	0.1937	0.6863
5623.	465.1	-32.5	26.9	27.0	99.9	97.	0.3001	0.1743	0.6720
5659.	462.7	-32.8	26.4	26.4	99.9	97.	0.2757	0.1601	0.6708
5738.	457.5	-33.4	26.6	26.7	99.9	97.	0.2586	0.1502	0.6649

SOUNDING 12.0
LATITUDE -62.2 LONGITUDE 2.0
DATE 11- 2-61 TIME 2853 GMT
NUMBER OF LEVELS 92

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	IE+3*RHO (G/M**3)	RHO (KG/M**3)
0.	982.8	-6.6	-6.6	-6.6	-7.4	93.	3.2804	2.6747	1.2871
26.	979.5	-6.8	-6.6	-6.6	-8.9	88.	2.8578	2.3442	1.2902
114.	969.7	-6.8	-7.1	-7.1	-9.9	84.	2.5366	2.0810	1.2838
166.	964.0	-10.4	-7.5	-7.5	-9.9	96.	2.3704	1.9596	1.2773
237.	956.1	-11.1	-7.8	-7.8	-9.9	94.	2.2350	1.8524	1.2689
297.	949.6	-11.6	-7.4	-7.4	-9.0	95.	2.1437	1.7799	1.2612
355.	943.5	-12.0	-7.2	-7.2	-9.0	95.	2.0740	1.7247	1.2536
422.	936.3	-11.6	-6.4	-6.4	-9.1	95.	2.1191	1.7609	1.2418
476.	930.8	-10.6	-4.9	-4.9	-10.7	96.	2.4519	2.0243	1.2259
523.	926.2	-9.6	-2.7	-2.7	-10.0	88.	2.6199	2.1487	1.2108
572.	921.4	-7.1	-0.1	-0.4	-8.2	82.	2.8009	2.2903	1.1965
613.	917.6	-6.5	1.0	1.3	-8.1	80.	2.8256	2.3187	1.1880
647.	913.6	-6.2	1.6	2.0	-8.9	79.	2.8758	2.3581	1.1815
686.	909.2	-6.1	2.2	2.6	-8.8	80.	2.9526	2.4183	1.1750
734.	903.6	-5.9	2.8	3.3	-8.2	81.	3.0580	2.5008	1.1669
787.	897.6	-5.8	3.7	4.0	-7.7	83.	3.1945	2.6076	1.1583
845.	891.1	-5.7	4.1	4.5	-7.5	86.	3.2506	2.6514	1.1503
904.	884.5	-5.8	4.6	5.0	-7.6	86.	3.2223	2.6293	1.1421
954.	878.9	-6.0	4.9	5.3	-7.7	86.	3.1942	2.6074	1.1356
1012.	872.5	-6.4	5.1	5.5	-7.9	88.	3.1389	2.5641	1.1289
1131.	859.4	-6.3	6.4	6.8	-8.5	83.	2.9788	2.4382	1.1113
1185.	853.6	-6.3	7.0	7.4	-8.6	82.	2.9519	2.4178	1.1037
1238.	847.9	-6.4	7.4	7.8	-8.5	81.	2.9304	2.3774	1.0966
1295.	841.8	-6.6	7.8	8.2	-9.0	81.	2.8497	2.3376	1.0894
1347.	836.2	-6.8	8.1	8.5	-9.3	80.	2.7753	2.2791	1.0829
1400.	830.6	-6.8	8.6	8.9	-9.4	80.	2.7508	2.2599	1.0759
1458.	824.6	-7.0	9.1	9.4	-9.5	80.	2.7265	2.2408	1.0685
1515.	818.6	-7.4	9.2	9.6	-9.5	83.	2.7264	2.2407	1.0622
1586.	811.3	-8.2	9.1	9.5	-9.8	87.	2.6545	2.1844	1.0557
1651.	804.6	-8.7	9.2	9.6	-10.1	88.	2.5851	2.1294	1.0489
1725.	797.0	-9.1	9.6	9.9	-10.2	91.	2.5621	2.1113	1.0404
1856.	783.8	-9.4	10.6	11.0	-10.3	92.	2.5353	2.0933	1.0241
1916.	777.8	-9.3	11.4	11.8	-9.9	95.	2.6311	2.1656	1.0159
1975.	771.9	-9.1	12.2	12.6	-9.4	97.	2.7501	2.2593	1.0074
2034.	766.1	-9.1	12.9	13.2	-9.5	97.	2.7258	2.2402	0.9998
2103.	759.4	-9.4	13.0	13.4	-9.6	100.	2.7018	2.2213	0.9928
2175.	752.4	-9.8	13.6	14.0	-9.9	99.	2.6398	2.1654	0.9842
2237.	746.5	-10.1	13.9	14.3	-10.2	99.	2.5616	2.1108	0.9775
2302.	740.3	-10.3	14.4	14.8	-10.4	99.	2.5163	2.0751	0.9700
2371.	733.8	-10.3	15.1	15.5	-10.4	99.	2.5163	2.0751	0.9613
2436.	727.7	-10.4	15.7	16.1	-10.6	98.	2.4718	2.0399	0.9536
2499.	721.8	-10.8	16.0	16.3	-10.9	99.	2.4064	1.9882	0.9471
2568.	715.5	-11.3	16.1	16.5	-11.3	100.	2.3217	1.9212	0.9405
2635.	709.3	-11.7	16.4	16.8	-11.7	100.	2.2397	1.8562	0.9336
2699.	703.5	-12.2	16.6	16.9	-12.2	100.	2.1410	1.7778	0.9276
2770.	697.1	-12.6	16.9	17.2	-99.9	100.	2.0649	1.7224	0.9204
2838.	691.7	-13.1	17.2	17.5	-99.9	100.	1.9733	1.6489	0.9148
2966.	679.6	-14.3	17.5	17.8	-99.9	100.	1.8176	1.5239	0.9016
3149.	663.6	-15.5	18.3	18.6	-99.9	100.	1.6579	1.3951	0.8834
3214.	658.0	-15.4	18.6	18.9	-99.9	100.	1.5977	1.3465	0.8771
3345.	646.8	-16.1	19.3	19.6	-99.9	100.	1.4872	1.2650	0.8643
3400.	642.2	-16.3	19.6	19.9	-99.9	100.	1.4495	1.2426	0.8587
3464.	636.8	-16.8	19.8	20.1	-99.9	100.	1.4025	1.1881	0.8530
3592.	626.2	-18.3	19.8	20.1	-99.9	100.	1.2528	1.0661	0.8424
3655.	621.0	-19.1	20.4	20.7	-99.9	100.	1.2419	1.0565	0.8356
3781.	610.7	-19.8	20.8	21.0	-99.9	100.	1.1394	0.9733	0.8243
3839.	596.1	-19.4	21.0	21.2	-99.9	100.	1.0968	0.9383	0.8193
3911.	590.3	-19.7	21.5	21.7	-99.9	100.	1.0657	0.9128	0.8123
4154.	571.2	-21.4	22.3	22.4	-99.9	100.	0.9346	0.7998	0.7912
4223.	565.9	-21.9	22.6	22.8	-99.9	100.	0.8617	0.7443	0.7854
4352.	556.0	-22.4	23.4	23.6	-99.9	100.	0.8286	0.7102	0.7731
4414.	551.3	-23.1	23.3	23.6	-24.1	100.	0.7662	0.6639	0.7687
4749.	526.5	-25.9	23.8	24.0	-99.9	100.	0.5799	0.3366	0.7421
4818.	521.5	-26.0	24.0	24.2	-99.9	100.	0.5456	0.3179	0.7369
4885.	516.7	-26.6	24.3	24.4	-99.9	100.	0.5209	0.3075	0.7310
4949.	512.1	-27.5	24.2	24.4	-99.9	100.	0.4931	0.2864	0.7265
5008.	507.9	-28.0	24.3	24.4	-99.9	100.	0.4696	0.2722	0.7229
5088.	502.3	-28.4	24.5	24.7	-99.9	100.	0.4497	0.2612	0.7152
5158.	497.4	-28.7	25.0	25.2	-99.9	100.	0.4361	0.2533	0.7091
5294.	488.0	-29.6	25.5	25.7	-99.9	100.	0.3973	0.2308	0.6982
5426.	479.0	-32.1	26.0	26.2	-99.9	100.	0.3772	0.2191	0.6868
5771.	456.2	-32.8	27.5	27.8	-99.9	100.	0.2900	0.1684	0.6609
5832.	452.3	-33.1	27.8	28.0	-99.9	100.	0.2745	0.1597	0.6565
5903.	447.7	-33.7	27.8	28.1	-99.9	100.	0.2578	0.1498	0.6515
5979.	442.9	-34.1	28.0	28.3	-99.9	100.	0.2471	0.1435	0.6456
6047.	438.6	-34.6	28.0	28.3	-99.9	100.	0.2290	0.1330	0.6412
6114.	434.4	-35.1	28.2	28.5	-99.9	100.	0.2217	0.1288	0.6358
6189.	429.7	-35.6	28.4	28.7	-99.9	100.	0.2122	0.1233	0.6300
6256.	425.6	-36.0	28.4	28.7	-99.9	100.	0.1929	0.1120	0.6261
6407.	416.4	-37.2	28.6	28.9	-99.9	100.	0.1742	0.1012	0.6151

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6477.	412.2	-37.7	30.1	30.2	99.9	100.	0.1666	0.0968	0.6100
6667.	400.9	-39.2	30.6	30.6	99.9	100.	0.1429	0.0819	0.5570
6824.	391.8	-39.8	31.0	31.0	99.9	100.	0.1317	0.0765	0.5850
6873.	389.0	-40.1	32.0	32.1	99.9	100.	0.1273	0.0739	0.5815
6958.	384.2	-40.4	32.7	32.8	99.9	100.	0.1231	0.0715	0.5751
7020.	380.7	-40.9	32.9	32.9	99.9	100.	0.1162	0.0675	0.5711
7072.	377.6	-41.5	32.7	32.8	99.9	100.	0.1088	0.0632	0.5682
7330.	363.6	-43.1	34.0	34.0	99.9	100.	0.0902	0.0524	0.5506
7382.	360.8	-43.4	34.3	34.3	99.9	100.	0.0871	0.0506	0.5471
7523.	353.5	-45.2	33.7	33.7	99.9	100.	0.0705	0.0410	0.5400
7684.	345.0	-45.6	34.2	34.2	99.9	100.	0.0673	0.0391	0.5343
7745.	341.7	-47.2	33.9	33.9	99.9	100.	0.0558	0.0323	0.5269
7797.	339.0	-48.0	33.5	33.5	99.9	100.	0.0504	0.0293	0.5245

SOUNDING 13.0
LATITUDE -62.3 LONGITUDE 2.9
DATE 11- 2-81 TIME 1630 GMT
NUMBER OF LEVELS 73

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	971.9	-1.5	0.4	1.0	-1.9	99.	5.2431	4.1893	1.2519
64.	964.1	-2.2	0.6	1.2	99.9	99.	5.0704	4.0763	1.2436
141.	954.8	-2.8	0.8	1.3	99.9	99.	4.8211	3.8837	1.2342
223.	944.9	-3.4	1.0	1.5	99.9	99.	4.5831	3.6994	1.2240
311.	934.5	-3.9	1.4	1.8	99.9	99.	4.3929	3.5519	1.2126
401.	923.9	-4.3	1.8	2.3	99.9	99.	4.2459	3.4378	1.2006
490.	913.4	-4.8	2.2	2.7	99.9	99.	4.0686	3.2999	1.1890
578.	903.3	-4.5	3.4	3.9	99.9	99.	4.1737	3.3819	1.1747
658.	894.1	-3.9	4.8	5.4	99.9	99.	4.3918	3.5517	1.1604
716.	887.6	-2.5	6.9	7.5	99.9	99.	4.9420	3.9787	1.1464
775.	881.1	-1.6	8.4	9.0	99.9	99.	5.3281	4.2774	1.1346
854.	872.3	-1.9	8.9	9.5	99.9	99.	5.1961	4.1756	1.1244
930.	864.0	-2.6	8.9	9.5	99.9	99.	4.8999	3.9467	1.1164
984.	858.2	-2.9	9.2	9.8	99.9	99.	4.7777	3.8521	1.1101
1042.	851.9	-3.4	9.2	9.8	99.9	99.	4.5803	3.6991	1.1039
1125.	843.0	-3.8	9.7	10.2	99.9	99.	4.4276	3.5806	1.0939
1174.	837.8	-3.9	10.1	10.6	99.9	99.	4.3901	3.5516	1.0875
1102.	845.4	-4.0	9.2	9.8	99.9	99.	4.3532	3.5227	1.0977
1350.	819.2	-4.5	11.2	11.8	99.9	99.	4.1713	3.3816	1.0656
1421.	811.9	-4.7	11.8	12.3	99.9	99.	4.1006	3.3266	1.0569
1514.	802.3	-5.1	12.3	12.8	99.9	99.	3.9626	3.2191	1.0459
1571.	796.5	-5.5	12.5	13.0	99.9	99.	3.8290	3.1148	1.0398
1718.	781.7	-6.7	12.7	13.2	99.9	99.	3.4524	2.8200	1.0248
1788.	774.7	-7.3	13.1	13.6	99.9	99.	3.3636	2.7503	1.0167
1860.	767.6	-7.4	13.8	14.3	99.9	99.	3.2485	2.6599	1.0089
1993.	754.5	-8.4	13.8	14.2	99.9	99.	2.9765	2.4457	0.9952
2067.	747.4	-9.0	13.9	14.3	99.9	99.	2.8234	2.3248	0.9880
2140.	740.3	-9.1	14.6	15.0	99.9	99.	2.7985	2.3052	0.9790
2212.	733.5	-9.7	14.7	15.1	99.9	99.	2.6538	2.1906	0.9721
2279.	727.1	-10.2	14.9	15.3	99.9	99.	2.5386	2.0992	0.9654
2357.	719.3	-10.7	15.1	15.5	99.9	99.	2.4278	2.0112	0.9574
2433.	712.7	-11.3	15.3	15.8	99.9	99.	2.3209	1.9101	0.9521
2503.	706.2	-12.0	15.3	15.8	99.9	99.	2.1604	1.7980	0.9438
2608.	696.5	-12.7	15.6	16.0	99.9	99.	2.0278	1.6922	0.9333
2693.	688.8	-13.1	16.1	16.4	99.9	99.	1.9554	1.6339	0.9243
2762.	682.6	-13.6	16.3	16.8	-13.7	99.	1.8683	1.5603	0.9177
2845.	675.2	-14.1	16.7	17.2	-14.2	99.	1.7847	1.4933	0.9095
2947.	665.1	-14.6	17.2	17.5	-14.9	97.	1.6734	1.4040	0.8989
2996.	661.8	-15.0	17.3	17.6	-15.4	96.	1.5978	1.3432	0.8944
3067.	655.6	-15.4	17.6	17.9	-15.9	96.	1.5396	1.2963	0.8874
3141.	649.2	-15.8	18.0	18.3	-16.7	96.	1.4539	1.2278	0.8791
3222.	642.3	-15.9	18.8	19.1	99.9	99.	1.4973	0.8697	0.8707
3301.	635.6	-16.3	19.1	19.4	99.9	99.	1.4159	0.8224	0.8635
3390.	627.9	-17.1	19.3	19.5	99.9	99.	1.3512	0.7848	0.8561
3484.	622.7	-17.6	19.4	19.8	99.9	98.	1.2771	0.7418	0.8496
3528.	619.6	-18.0	19.8	20.2	99.9	98.	1.2298	0.7143	0.8426
3603.	614.4	-18.5	20.1	20.5	99.9	98.	1.1729	0.6813	0.8357
3660.	610.1	-19.1	20.1	20.5	99.9	98.	1.1179	0.6495	0.8304
3748.	603.8	-19.8	20.2	20.7	99.9	98.	1.0352	0.6019	0.8240
3827.	598.3	-20.3	20.5	20.9	99.9	98.	0.9876	0.5737	0.8166
3892.	593.1	-20.8	20.7	21.2	99.9	98.	0.9412	0.5467	0.8110
3980.	586.1	-21.4	21.0	21.4	99.9	98.	0.8846	0.5158	0.8032
4041.	581.3	-21.8	21.1	21.5	99.9	98.	0.8477	0.4956	0.7985
4122.	574.9	-22.4	21.1	21.6	99.9	98.	0.7923	0.4644	0.7919
4197.	569.2	-23.0	21.3	21.8	99.9	98.	0.7448	0.4375	0.7854
4356.	557.5	-24.3	21.6	22.1	99.9	98.	0.6615	0.3883	0.7724
4502.	548.1	-25.4	22.3	22.8	99.9	98.	0.5986	0.3477	0.7598
4581.	534.2	-26.9	22.6	22.7	99.9	98.	0.5692	0.3306	0.7530
4659.	528.5	-26.7	22.5	22.6	99.9	98.	0.5251	0.3052	0.7473
4733.	523.1	-27.3	22.7	22.9	99.9	97.	0.4843	0.2819	0.7415
4814.	517.2	-27.9	22.9	23.0	99.9	98.	0.4600	0.2672	0.7352

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4892.	511.6	-28.4	23.2	23.3	99.9	98.	0.4415	0.2564	0.7284
4979.	505.4	-29.3	23.2	23.3	99.9	98.	0.4024	0.2337	0.7222
5107.	496.4	-30.4	23.4	23.4	99.9	98.	0.3589	0.2085	0.7126
5184.	491.0	-31.7	22.7	22.8	99.9	98.	0.3131	0.1819	0.7086
5258.	485.9	-32.2	23.0	23.0	99.9	98.	0.2970	0.1725	0.7027
5341.	480.2	-32.7	23.3	23.4	99.9	98.	0.2817	0.1636	0.6959
5428.	474.3	-33.3	24.0	24.1	99.9	98.	0.2728	0.1584	0.6882
5496.	469.7	-33.8	23.7	23.8	99.9	98.	0.2477	0.1439	0.6841
5585.	463.8	-34.6	23.9	24.0	99.9	98.	0.2297	0.1334	0.6774
5665.	458.5	-35.5	23.8	23.8	99.9	98.	0.2084	0.1210	0.6722
5912.	442.4	-37.2	24.7	24.7	99.9	99.	0.1729	0.1004	0.6533
6073.	432.2	-38.7	24.8	24.8	99.9	98.	0.1463	0.0850	0.6423

SOUNDING 14.0
LATITUDE -62.3 LONGITUDE 3.0
DATE 11- 2-81 TIME 1805 GMT
NUMBER OF LEVELS 30

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	969.7	-0.9	1.5	2.1	-1.6	94.	5.3759	4.2897	1.2451
5.	969.1	-1.1	1.3	1.9	99.9	94.	5.2874	3.0711	1.2440
58.	962.7	-1.5	1.5	2.0	99.9	94.	5.1143	2.9706	1.2375
130.	954.0	-2.0	1.7	2.2	99.9	94.	4.9051	2.8491	1.2285
200.	945.6	-2.6	1.8	2.3	99.9	94.	4.6645	2.7093	1.2203
274.	936.6	-2.9	2.2	2.7	99.9	94.	4.5481	2.6417	1.2102
344.	928.5	-3.3	2.5	3.0	99.9	94.	4.3972	2.5540	1.2012
414.	920.3	-3.8	2.7	3.1	99.9	94.	4.2150	2.4482	1.1927
487.	911.9	-4.1	3.1	3.6	99.9	94.	4.1090	2.3866	1.1831
557.	903.8	-4.5	3.4	3.8	99.9	94.	3.9714	2.3067	1.1743
629.	895.6	-4.9	3.7	4.1	99.9	94.	3.8381	2.2293	1.1653
702.	887.3	-5.3	4.0	4.4	99.9	94.	3.7098	2.1542	1.1562
771.	879.5	-5.8	4.4	4.8	99.9	94.	3.6146	2.0994	1.1472
839.	871.9	-6.2	4.8	5.3	99.9	94.	3.5528	2.0636	1.1382
905.	864.6	-6.6	5.3	5.8	99.9	94.	3.6454	2.1174	1.1274
979.	856.5	-6.9	6.0	7.4	99.9	94.	3.7402	2.1725	1.1157
1048.	849.0	-7.1	7.7	8.2	99.9	94.	3.7723	2.1911	1.1056
1116.	841.6	-7.1	8.4	8.9	99.9	94.	3.7722	2.1910	1.0959
1185.	834.3	-7.0	9.2	9.7	99.9	94.	3.8044	2.2097	1.0861
1257.	826.6	-7.1	9.9	10.4	99.9	94.	3.7719	2.1909	1.0764
1334.	818.6	-7.3	10.6	11.1	99.9	94.	3.7397	2.1721	1.0664
1406.	811.1	-7.5	11.0	11.5	99.9	94.	3.6446	2.1169	1.0578
1476.	803.8	-7.8	11.4	11.9	99.9	94.	3.5518	2.0630	1.0496
1543.	797.0	-8.1	11.6	12.2	99.9	94.	3.4611	2.0103	1.0417
1623.	789.2	-8.3	12.5	12.9	99.9	94.	3.4313	1.9930	1.0319
1686.	783.6	-8.5	12.9	13.3	99.9	94.	3.3435	1.9420	1.0244
1762.	776.0	-8.9	13.2	13.7	99.9	94.	3.2295	1.8758	1.0159
1834.	769.9	-7.4	13.4	13.9	99.9	94.	3.0922	1.7969	1.0084
1903.	761.1	-7.7	13.8	14.3	99.9	94.	3.0123	1.7496	1.0006
1974.	754.2	-7.9	14.4	14.8	99.9	94.	2.9601	1.7193	0.9922

SOUNDING 15.0
LATITUDE -62.3 LONGITUDE 3.0
DATE 11- 2-81 TIME 2054 GMT
NUMBER OF LEVELS 19

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	968.7	-1.3	1.3	2.1	-1.3	98.	5.5119	4.3933	1.2444
6.	968.2	-1.1	1.4	2.2	99.9	98.	5.4663	3.1750	1.2427
46.	964.1	-1.3	1.6	2.3	99.9	98.	5.3761	3.1226	1.2373
122.	954.8	-1.8	1.9	2.4	99.9	98.	5.1565	2.9951	1.2277
199.	944.8	-2.4	2.0	2.6	99.9	98.	4.9038	2.8483	1.2185
272.	936.1	-2.9	2.2	2.8	99.9	98.	4.7220	2.7311	1.2094
354.	926.9	-3.5	2.7	3.2	99.9	98.	4.5459	2.6404	1.1979
435.	918.7	-3.9	3.1	3.6	99.9	98.	4.3575	2.5310	1.1955
522.	909.0	-4.3	3.4	3.9	99.9	98.	4.1763	2.4257	1.1764
598.	899.5	-4.8	3.8	4.3	99.9	98.	4.0220	2.3245	1.1688
646.	893.7	-5.1	3.8	4.1	99.9	98.	3.8674	2.2463	1.1628
712.	885.3	-5.6	3.8	4.2	99.9	98.	3.7369	2.1705	1.1549
765.	877.0	-6.0	4.3	4.7	99.9	98.	3.6411	2.1152	1.1453
852.	868.4	-6.4	4.8	5.2	99.9	98.	3.4878	2.0258	1.1361
933.	860.6	-6.8	4.8	5.2	99.9	98.	3.3480	1.9440	1.1279
1012.	853.0	-7.2	4.8	5.2	99.9	98.	3.1702	1.8414	1.1204
1081.	844.3	-7.5	5.2	5.6	99.9	98.	3.0614	1.7781	1.1136
1094.	842.9	-8.2	4.9	5.3	99.9	96.	2.9561	1.7170	1.1104

SOUNDING 16.0
LATITUDE -62.3 LONGITUDE 3.0
DATE 11- 2-81 TIME 2118 GMT
NUMBER OF LEVELS 60

EIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	968.3	-1.3	1.5	2.1	-1.3	98.	5.5119	4.3933	1.2438
2.	968.1	-1.3	1.5	2.1	99.9	98.	5.5120	4.4136	1.2436
39.	963.6	-1.1	1.8	2.4	99.9	98.	5.4687	4.3805	1.2383
97.	956.6	-1.5	2.0	2.5	99.9	98.	5.2932	4.2456	1.2310
157.	949.4	-1.9	2.3	2.8	99.9	98.	5.1660	4.1477	1.2230
219.	942.0	-2.2	2.5	3.0	99.9	98.	4.9996	4.0195	1.2151
278.	935.0	-2.5	2.7	3.3	99.9	98.	4.8787	3.9263	1.2074
344.	927.3	-2.9	3.0	3.5	99.9	98.	4.7209	3.8045	1.1991
408.	919.6	-3.3	3.2	3.7	99.9	98.	4.5677	3.6869	1.1911
461.	913.6	-3.7	3.3	3.9	99.9	98.	4.4185	3.5705	1.1847
513.	907.6	-4.0	3.6	4.1	99.9	98.	4.3101	3.4864	1.1782
568.	901.6	-4.4	3.7	4.2	99.9	98.	4.1686	3.3765	1.1721
622.	895.2	-4.7	3.9	4.4	99.9	98.	4.0660	3.2968	1.1650
677.	888.9	-5.2	4.0	4.4	99.9	98.	3.8984	3.1663	1.1588
734.	882.5	-5.5	4.2	4.7	99.9	98.	3.8018	3.0912	1.1517
790.	876.2	-5.9	4.4	4.8	99.9	98.	3.6757	2.9928	1.1451
851.	869.4	-6.3	4.6	5.0	99.9	99.	3.5536	2.8974	1.1379
917.	862.1	-6.8	4.7	5.1	99.9	99.	3.4058	2.7817	1.1303
973.	855.9	-7.3	4.8	5.2	99.9	99.	3.2632	2.6699	1.1242
1023.	850.4	-7.6	5.0	5.4	99.9	99.	3.1809	2.6053	1.1182
1072.	845.1	-7.9	5.2	5.5	99.9	99.	3.1005	2.5421	1.1124
1120.	839.8	-8.1	5.5	5.8	99.9	99.	3.0484	2.5012	1.1063
1166.	834.9	-8.4	5.6	6.0	99.9	99.	2.9709	2.4402	1.1010
1215.	829.6	-8.6	5.8	6.2	99.9	99.	2.9209	2.4008	1.0948
1269.	823.8	-8.9	6.1	6.5	99.9	99.	2.8466	2.3422	1.0884
1330.	817.4	-9.4	6.2	6.6	99.9	99.	2.7257	2.2467	1.0819
1382.	811.9	-9.6	6.3	6.7	99.9	99.	2.6324	2.1730	1.0762
1441.	805.7	-10.1	6.6	7.0	99.9	99.	2.5650	2.1196	1.0691
1494.	800.1	-10.5	7.0	7.3	99.9	99.	2.5214	2.0851	1.0625
1553.	794.0	-10.4	7.5	7.8	99.9	99.	2.5008	2.0688	1.0548
1611.	788.1	-10.7	7.6	8.1	99.9	99.	2.4364	2.0177	1.0481
1671.	781.9	-10.9	8.2	8.5	99.9	99.	2.3949	1.9848	1.0406
1735.	775.4	-11.2	8.5	8.9	99.9	100.	2.3332	1.9358	1.0331
1806.	768.3	-11.5	9.0	9.3	99.9	100.	2.2731	1.8880	1.0248
1881.	760.8	-11.6	9.6	10.0	99.9	100.	2.2547	1.8735	1.0152
1968.	752.2	-11.7	10.5	10.8	99.9	100.	2.2368	1.8593	1.0041
2033.	745.8	-11.9	10.9	11.2	99.9	100.	2.1986	1.8289	0.9963
2094.	739.9	-12.0	11.3	11.8	-12.0	100.	2.1804	1.8091	0.9888
2147.	734.6	-12.1	11.8	12.2	-12.1	100.	2.1698	1.7935	0.9824
2193.	730.4	-12.2	12.3	12.6	-12.2	100.	2.1413	1.7780	0.9768
2247.	725.2	-12.5	12.6	12.9	-12.5	100.	2.0840	1.7324	0.9710
2297.	720.5	-12.7	12.9	13.2	-12.7	100.	2.0465	1.7026	0.9654
2349.	715.6	-13.0	13.1	13.4	-13.0	100.	1.9915	1.6588	0.9599
2400.	710.8	-13.3	13.3	13.6	-13.3	100.	1.9379	1.6160	0.9545
2443.	706.8	-13.6	13.4	13.7	-13.6	100.	1.8856	1.5742	0.9502
2485.	702.9	-13.8	13.7	14.0	-13.8	100.	1.8514	1.5468	0.9457
2527.	699.0	-14.0	13.9	14.2	-14.0	100.	1.8178	1.5199	0.9411
2571.	695.0	-14.1	14.2	14.6	-14.1	100.	1.8012	1.5056	0.9361
2612.	691.2	-14.3	14.5	14.8	-14.3	100.	1.7685	1.4804	0.9317
2656.	687.2	-14.5	14.8	15.0	-14.5	100.	1.7363	1.4545	0.9270
2704.	682.9	-14.8	14.9	15.2	99.9	100.	1.6890	1.4201	0.9222
2751.	678.6	-15.1	15.1	15.4	99.9	100.	1.6429	1.3828	0.9175
2804.	673.9	-15.4	15.4	15.6	-15.4	100.	1.5979	1.3433	0.9121
2850.	669.8	-15.7	15.5	15.8	-15.7	100.	1.5541	1.3080	0.9076
2903.	665.1	-16.0	15.5	15.8	99.9	100.	1.4835	1.2538	0.9030
2957.	660.3	-16.7	15.6	15.8	99.9	100.	1.4158	1.1988	0.8981
3012.	655.5	-17.1	15.7	16.0	-17.1	100.	1.3638	1.1541	0.8930
3071.	650.3	-17.7	15.7	15.9	99.9	100.	1.2890	1.0955	0.8879
3138.	644.5	-18.2	15.9	16.1	-18.2	100.	1.2295	1.0449	0.8817
3209.	638.4	-18.9	15.9	16.1	-18.9	100.	1.1505	0.9805	0.8757

SOUNDING 17.0
LATITUDE -62.3 LONGITUDE 3.1
DATE 11- 3-81 TIME 2316 GMT
NUMBER OF LEVELS 51

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1.	965.5	-4.2	-1.5	-1.1	-6.2	84.	3.6398	2.9542	1.2535
29.	961.9	-4.6	-1.6	-1.2	-4.6	100.	4.1747	3.3684	1.2511
73.	956.6	-5.1	-1.7	-1.3	-5.2	99.	3.9660	3.2072	1.2464
106.	952.5	-5.4	-1.7	-1.2	-5.6	98.	3.8323	3.1036	1.2424
160.	946.0	-5.9	-1.8	-1.2	-6.0	99.	3.7026	3.0031	1.2361
200.	941.2	-6.2	-1.9	-1.1	-6.3	99.	3.6079	2.9296	1.2312
251.	935.1	-6.6	-1.4	-1.1	-6.7	99.	3.4852	2.8342	1.2249
303.	928.8	-7.1	-1.4	-1.1	-7.1	100.	3.3663	2.7416	1.2189
343.	924.1	-7.5	-1.4	-1.1	-7.5	100.	3.2512	2.6518	1.2145

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
384.	919.2	-7.9	-1.4	-1.1	-7.9	100.	3.1396	2.5647	1.2098
427.	914.1	-8.3	-1.4	-1.1	99.9	100.	3.0262	2.4841	1.2048
471.	908.9	-8.7	-1.4	-1.1	99.9	100.	2.9165	2.3974	1.1997
516.	903.7	-9.1	-1.4	-1.1	99.9	99.	2.8104	2.3134	1.1946
560.	898.5	-9.5	-1.3	-1.0	99.9	99.	2.7079	2.2322	1.1894
607.	893.5	-9.9	-1.3	-1.0	99.9	99.	2.6090	2.1537	1.1845
647.	888.5	-10.3	-1.3	-1.0	99.9	99.	2.5133	2.0777	1.1796
687.	883.8	-10.7	-1.2	-1.0	99.9	99.	2.4212	2.0044	1.1751
726.	879.4	-11.0	-1.2	-0.9	99.9	99.	2.3322	1.9334	1.1705
766.	874.8	-11.3	-1.1	-0.8	99.9	99.	2.2471	1.8975	1.1657
802.	870.7	-11.6	-1.0	-0.8	99.9	99.	2.2209	1.8463	1.1619
840.	866.4	-11.9	-0.9	-0.7	99.9	99.	2.1701	1.8115	1.1567
860.	861.8	-12.1	-0.8	-0.6	99.9	98.	2.1160	1.7623	1.1518
925.	856.8	-12.5	-0.7	-0.5	99.9	98.	2.0380	1.6950	1.1468
962.	852.8	-12.7	-0.6	-0.3	99.9	98.	1.9982	1.6671	1.1422
998.	848.6	-12.7	-0.4	-0.2	99.9	97.	1.9361	1.6646	1.1367
1037.	844.3	-12.8	-0.3	-0.1	-12.6	97.	2.0662	1.7183	1.1293
1083.	839.2	-12.5	0.9	1.1	-12.7	98.	2.0476	1.7035	1.1233
1135.	833.5	-12.9	1.0	1.2	-13.0	98.	1.9925	1.6596	1.1173
1184.	828.1	-13.5	0.9	1.1	99.9	99.	1.8966	1.0958	1.1121
1249.	821.1	-13.9	1.1	1.3	99.9	99.	1.8189	1.0565	1.1044
1346.	810.6	-14.7	1.3	1.5	99.9	99.	1.6901	0.9817	1.0936
1377.	807.3	-14.9	1.4	1.6	99.9	99.	1.6592	0.9637	1.0900
1419.	802.8	-15.2	1.5	1.7	99.9	99.	1.6139	0.9374	1.0851
1466.	797.9	-15.5	1.7	1.9	99.9	99.	1.5697	0.9117	1.0797
1509.	793.3	-15.7	1.9	2.1	99.9	99.	1.5408	0.8950	1.0743
1553.	788.7	-16.0	2.0	2.2	99.9	99.	1.4985	0.8704	1.0693
1594.	784.4	-16.1	2.4	2.6	99.9	99.	1.4846	0.8623	1.0635
1633.	780.3	-16.4	2.5	2.6	99.9	99.	1.4436	0.8385	1.0596
1673.	776.2	-16.6	2.7	2.8	99.9	99.	1.4169	0.8230	1.0548
1718.	771.6	-17.0	2.7	2.9	99.9	99.	1.3648	0.7927	1.0502
1759.	767.3	-17.2	2.9	3.1	99.9	99.	1.3374	0.7780	1.0451
1802.	762.9	-17.4	3.2	3.3	99.9	99.	1.3145	0.7635	1.0399
1837.	759.4	-17.7	3.2	3.4	99.9	99.	1.2775	0.7422	1.0363
1876.	755.4	-18.0	3.3	3.5	99.9	99.	1.2422	0.7215	1.0321
1913.	751.7	-18.4	3.2	3.4	99.9	99.	1.1961	0.6947	1.0286
1958.	747.2	-18.7	3.4	3.5	99.9	99.	1.1625	0.6752	1.0236
2009.	742.1	-19.2	3.4	3.5	99.9	99.	1.1285	0.6438	1.0186
2068.	736.2	-19.7	3.5	3.6	99.9	99.	1.0967	0.6138	1.0125
2122.	730.8	-20.1	3.6	3.7	99.9	99.	1.0170	0.5907	1.0066
2161.	726.0	-20.5	3.8	3.9	99.9	99.	0.9786	0.5684	1.0002
2232.	720.0	-20.9	3.9	4.1	99.9	99.	0.9415	0.5469	0.9949

SOUNDING 18.0
LATITUDE -62.3 LONGITUDE 3.2
DATE 11- 3-82 TIME 0604 GMT
NUMBER OF LEVELS 157

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	963.2	-6.0	-3.1	-2.7	-6.3	97.	3.6083	2.9299	1.2589
39.	958.4	-6.8	-3.5	-3.2	-6.8	100.	3.4555	2.8111	1.2563
101.	950.8	-7.4	-3.5	-3.2	-7.4	100.	3.2820	2.6743	1.2498
163.	943.2	-8.0	-3.5	-3.2	99.9	100.	3.1122	2.5517	1.2417
239.	934.1	-8.7	-3.5	-3.2	99.9	100.	2.9264	2.4053	1.2328
320.	924.3	-9.4	-3.4	-3.1	99.9	100.	2.7507	2.2666	1.2231
386.	916.4	-10.0	-3.4	-3.1	99.9	100.	2.6070	2.1539	1.2157
465.	907.1	-10.6	-3.2	-2.9	99.9	100.	2.4718	2.0456	1.2056
536.	898.7	-11.0	-2.9	-2.6	99.9	100.	2.3347	1.9763	1.1960
605.	890.7	-11.4	-2.6	-2.3	99.9	100.	2.3003	1.9092	1.1873
676.	882.4	-12.0	-2.5	-2.2	99.9	100.	2.1791	1.8125	1.1789
742.	874.8	-12.4	-2.2	-2.0	99.9	100.	2.1014	1.7555	1.1705
809.	867.2	-12.8	-2.0	-1.7	99.9	100.	2.0263	1.6904	1.1620
878.	859.4	-13.2	-1.7	-1.5	99.9	100.	1.9537	1.6322	1.1533
942.	852.2	-13.5	-1.4	-1.1	99.9	100.	1.9107	1.5897	1.1449
1014.	844.1	-14.0	-1.1	-0.9	99.9	100.	1.8195	1.5212	1.1362
1077.	837.1	-14.5	-1.0	-0.8	99.9	100.	1.7330	1.4555	1.1288
1142.	829.9	-15.0	-0.9	-0.7	99.9	100.	1.6655	1.3924	1.1213
1204.	823.1	-15.4	-0.7	-0.5	99.9	100.	1.5992	1.3436	1.1138
1266.	816.4	-15.9	-0.6	-0.4	99.9	100.	1.5227	1.2853	1.1068
1327.	809.8	-16.4	-0.5	-0.3	99.9	100.	1.4561	1.2286	1.1000
1389.	803.2	-16.8	-0.2	-0.1	99.9	100.	1.3997	1.1852	1.0927
1448.	796.8	-17.3	-0.2	0.0	99.9	100.	1.3354	1.1329	1.0860
1499.	791.4	-17.6	0.1	0.2	99.9	100.	1.2931	1.1025	1.0798
1554.	785.6	-17.9	0.3	0.5	99.9	100.	1.2417	1.0728	1.0732
1610.	779.8	-18.3	0.5	0.6	99.9	100.	1.2148	1.0344	1.0670
1662.	774.3	-18.7	0.6	0.7	99.9	100.	1.1684	0.9973	1.0611
1717.	768.6	-19.1	0.7	0.9	99.9	100.	1.1256	0.9614	1.0549
1771.	763.0	-19.6	0.8	0.9	99.9	100.	1.0730	0.9182	1.0492
1828.	757.2	-19.9	1.0	1.2	99.9	100.	1.0404	0.8931	1.0425
1882.	751.7	-20.4	1.1	1.3	99.9	100.	0.9934	0.8528	1.0363
1930.	746.8	-20.9	1.2	1.3	99.9	100.	0.9465	0.8141	1.0302

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1982.	741.6	-21.4	1.0	1.2	99.9	100.	0.9017	0.7770	1.0270
2035.	736.3	-21.6	1.4	1.5	99.9	100.	0.8842	0.7626	1.0204
2089.	730.9	-21.9	1.6	1.8	99.9	100.	0.8587	0.7414	1.0141
2142.	725.6	-22.4	1.7	1.8	99.9	100.	0.8177	0.7074	1.0088
2199.	720.0	-22.4	2.3	2.4	99.9	100.	0.8175	0.7073	1.0010
2254.	714.6	-22.4	2.9	3.0	99.9	100.	0.8174	0.7072	0.9935
2306.	709.6	-22.2	3.6	3.8	99.9	100.	0.8334	0.7205	0.9858
2417.	698.9	-23.3	4.0	4.1	99.9	100.	0.7724	0.6681	0.9740
2469.	693.9	-23.3	4.2	4.3	99.9	99.	0.7479	0.6493	0.9681
2525.	688.6	-23.8	4.2	4.3	99.9	99.	0.7118	0.6192	0.9626
2579.	683.6	-24.0	4.6	4.7	99.9	99.	0.6977	0.6074	0.9564
2629.	678.9	-24.2	4.9	5.0	99.9	99.	0.6839	0.5959	0.9506
2682.	674.0	-24.2	5.5	5.6	99.9	99.	0.6839	0.5958	0.9437
2738.	668.8	-24.1	6.2	6.3	99.9	99.	0.6906	0.6014	0.9361
2791.	663.9	-24.4	6.5	6.6	99.9	99.	0.6702	0.5844	0.9303
2846.	658.9	-24.9	6.5	6.6	99.9	99.	0.6376	0.5570	0.9252
2905.	653.6	-25.1	6.9	7.0	99.9	99.	0.6249	0.5464	0.9185
2963.	648.4	-25.5	7.1	7.2	99.9	99.	0.6003	0.5257	0.9126
3020.	643.3	-26.0	7.2	7.3	99.9	99.	0.5708	0.5008	0.9072
3075.	638.4	-26.6	7.1	7.2	99.9	99.	0.5372	0.4725	0.9025
3130.	633.6	-27.0	7.3	7.4	99.9	99.	0.5157	0.4544	0.8971
3188.	628.5	-27.4	7.5	7.5	99.9	99.	0.4951	0.4369	0.8914
3244.	623.6	-27.8	7.6	7.7	99.9	99.	0.4753	0.4200	0.8858
3296.	619.1	-28.3	7.6	7.7	99.9	99.	0.4515	0.3998	0.8812
3353.	614.2	-28.9	7.6	7.7	99.9	99.	0.4244	0.3768	0.8764
3411.	609.2	-29.3	7.8	7.9	99.9	99.	0.4072	0.3620	0.8707
3473.	603.9	-29.9	7.8	7.9	99.9	99.	0.3826	0.3410	0.8652
3541.	598.2	-30.1	8.3	8.4	99.9	99.	0.3746	0.3342	0.8577
3595.	593.6	-30.8	8.1	8.2	99.9	99.	0.3482	0.3115	0.8536
3652.	588.9	-31.1	8.4	8.5	99.9	99.	0.3373	0.3022	0.8479
3704.	584.6	-31.8	8.2	8.3	99.9	99.	0.3133	0.2815	0.8441
3758.	580.1	-32.2	8.3	8.4	99.9	99.	0.3003	0.2702	0.8390
3814.	575.5	-32.6	8.5	8.6	99.9	99.	0.2878	0.2594	0.8337
3867.	571.2	-33.2	8.4	8.5	99.9	99.	0.2699	0.2439	0.8295
3925.	566.5	-33.7	8.5	8.5	99.9	99.	0.2558	0.2316	0.8244
3978.	562.2	-34.2	8.5	8.6	99.9	99.	0.2424	0.2199	0.8198
4039.	557.3	-34.4	9.0	9.0	99.9	99.	0.2372	0.2154	0.8134
4101.	552.4	-34.7	9.3	9.4	99.9	99.	0.2296	0.2087	0.8072
4160.	547.7	-34.6	10.2	10.2	99.9	99.	0.2321	0.2109	0.8000
4231.	542.2	-34.6	11.0	11.0	99.9	99.	0.2320	0.2108	0.7920
4297.	537.1	-34.6	11.7	11.8	99.9	99.	0.2320	0.2108	0.7846
4349.	533.1	-34.9	12.0	12.0	99.9	99.	0.2245	0.2043	0.7797
4409.	528.5	-35.4	12.1	12.1	99.9	99.	0.2126	0.1939	0.7746
4470.	523.9	-35.6	12.6	12.6	99.9	99.	0.2080	0.1899	0.7685
4530.	519.4	-36.0	12.8	12.8	99.9	99.	0.1991	0.1820	0.7632
4580.	515.6	-36.5	12.8	12.8	99.9	99.	0.1885	0.1726	0.7592
4641.	511.1	-36.9	13.0	13.1	99.9	99.	0.1803	0.1654	0.7538
4695.	507.1	-37.1	13.4	13.5	99.9	99.	0.1764	0.1619	0.7485
4751.	503.0	-37.5	13.6	13.6	99.9	99.	0.1687	0.1552	0.7437
4812.	498.6	-37.9	13.8	13.9	99.9	99.	0.1613	0.1487	0.7385
4866.	494.7	-38.4	13.9	13.9	99.9	99.	0.1526	0.1409	0.7343
4930.	490.1	-38.9	14.0	14.1	99.9	99.	0.1443	0.1335	0.7290
4993.	485.6	-39.6	13.9	13.9	99.9	99.	0.1333	0.1237	0.7244
5053.	481.3	-39.9	14.3	14.3	99.9	99.	0.1289	0.1197	0.7189
5118.	477.3	-40.1	14.7	14.7	99.9	99.	0.1266	0.1171	0.7136
5165.	475.5	-40.1	15.4	15.4	99.9	99.	0.1259	0.1171	0.7079
5213.	470.2	-39.8	16.3	16.4	-39.9	99.	0.1303	0.1210	0.7021
5259.	467.0	-39.7	17.0	17.0	-39.9	98.	0.1303	0.1210	0.6970
5309.	463.6	-39.6	17.7	17.8	-39.9	97.	0.1303	0.1210	0.6916
5368.	459.6	-40.1	17.8	17.9	-40.2	99.	0.1259	0.1171	0.6871
5425.	455.8	-40.3	18.3	18.3	-40.3	100.	0.1245	0.1158	0.6820
5482.	452.0	-40.4	18.9	18.9	99.9	99.	0.1218	0.1134	0.6766
5547.	447.7	-40.3	19.8	19.8	-40.5	98.	0.1217	0.1133	0.6699
5628.	442.4	-41.0	19.9	19.9	-41.0	100.	0.1150	0.1073	0.6640
5702.	437.6	-41.1	20.7	20.7	-41.1	100.	0.1136	0.1061	0.6570
5764.	433.6	-41.3	21.2	21.2	-41.3	100.	0.1111	0.1038	0.6516
5825.	429.7	-41.6	21.6	21.6	99.9	100.	0.1073	0.1005	0.6466
5881.	426.2	-41.7	22.1	22.2	-41.7	100.	0.1061	0.0993	0.6416
5931.	423.0	-41.8	22.6	22.7	-42.1	97.	0.1013	0.0950	0.6370
5978.	420.1	-42.2	22.7	22.7	-42.2	100.	0.1002	0.0940	0.6338
6030.	416.9	-42.3	23.2	23.3	99.9	100.	0.0990	0.0930	0.6292
6080.	413.8	-42.2	24.0	24.0	-42.2	100.	0.1002	0.0940	0.6243
6127.	410.9	-42.3	24.5	24.5	-42.3	100.	0.0990	0.0929	0.6202
6174.	408.1	-42.6	24.7	24.7	99.9	100.	0.0956	0.0899	0.6167
6227.	404.9	-42.9	24.9	25.0	99.9	100.	0.0924	0.0869	0.6127
6277.	401.9	-43.1	25.3	25.3	99.9	100.	0.0902	0.0850	0.6087
6324.	399.1	-43.6	25.3	25.3	99.9	100.	0.0851	0.0804	0.6057
6373.	396.2	-43.8	25.6	25.6	99.9	100.	0.0832	0.0786	0.6019
6415.	393.7	-44.1	25.8	25.8	-44.1	100.	0.0803	0.0760	0.5989
6463.	390.9	-44.5	25.9	25.9	99.9	100.	0.0766	0.0726	0.5956
6509.	388.2	-44.6	26.1	26.1	99.9	100.	0.0739	0.0702	0.5923
6559.	385.3	-44.7	26.8	26.9	99.9	100.	0.0748	0.0710	0.5876
6606.	382.6	-44.9	27.2	27.2	99.9	100.	0.0731	0.0694	0.5840
6659.	379.6	-44.9	27.8	27.9	99.9	100.	0.0731	0.0694	0.5794
6711.	376.6	-44.8	28.7	28.7	-44.8	100.	0.0739	0.0702	0.5746

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6765.	373.6	-45.2	28.8	28.8	99.9	100.	0.0703	0.0668	0.5710
6815.	370.8	-45.2	29.5	29.5	99.9	99.	0.0700	0.0665	0.5667
6873.	367.6	-45.2	30.2	30.2	-45.3	99.	0.0697	0.0663	0.5618
6922.	364.9	-45.4	30.6	30.6	99.9	99.	0.0681	0.0648	0.5582
6980.	361.7	-45.6	31.1	31.1	99.9	99.	0.0665	0.0633	0.5538
7034.	358.8	-45.6	31.8	31.8	-45.7	99.	0.0665	0.0633	0.5494
7086.	356.0	-45.8	32.2	32.2	-46.0	98.	0.0641	0.0612	0.5455
7137.	353.3	-46.3	32.2	32.2	-46.5	98.	0.0604	0.0578	0.5426
7186.	350.7	-47.1	31.8	31.8	99.9	98.	0.0549	0.0526	0.5405
7233.	348.2	-47.1	32.4	32.4	99.9	98.	0.0549	0.0527	0.5367
7279.	346.1	-47.3	32.6	32.7	99.9	98.	0.0536	0.0515	0.5339
7309.	344.2	-47.6	32.7	32.7	99.9	98.	0.0517	0.0497	0.5317
7359.	341.6	-47.9	33.0	33.0	99.9	98.	0.0499	0.0480	0.5283
7405.	339.2	-48.3	33.2	33.1	99.9	98.	0.0476	0.0458	0.5256
7452.	336.8	-48.2	33.6	33.6	99.9	98.	0.0482	0.0464	0.5216
7499.	334.4	-48.6	33.9	33.9	99.9	98.	0.0459	0.0443	0.5188
7548.	331.9	-48.9	34.1	34.2	99.9	98.	0.0442	0.0428	0.5156
7598.	329.4	-48.9	34.8	34.8	99.9	98.	0.0443	0.0428	0.5117
7646.	327.0	-49.1	35.2	35.2	99.9	98.	0.0432	0.0418	0.5085
7751.	321.8	-49.1	36.6	36.6	99.9	98.	0.0432	0.0418	0.5004
7855.	316.7	-49.2	37.9	37.9	99.9	98.	0.0427	0.0414	0.4927
7912.	314.0	-49.2	38.6	38.6	99.9	98.	0.0428	0.0414	0.4885
7958.	311.8	-49.3	39.3	39.3	99.9	98.	0.0423	0.0409	0.4845
8023.	308.7	-49.4	39.9	39.9	99.9	98.	0.0418	0.0404	0.4807
8074.	306.3	-49.5	40.4	40.4	99.9	98.	0.0413	0.0400	0.4771
8130.	303.7	-49.7	40.9	40.9	99.9	98.	0.0403	0.0391	0.4735
8188.	301.0	-49.6	41.6	41.9	99.9	98.	0.0408	0.0395	0.4691
8245.	298.4	-50.1	41.9	41.9	99.9	98.	0.0384	0.0373	0.4661
8304.	295.7	-50.6	42.2	42.2	99.9	98.	0.0361	0.0351	0.4629
8363.	293.0	-51.1	42.3	42.3	99.9	99.	0.0343	0.0335	0.4595
8424.	290.3	-51.2	42.8	42.9	99.9	99.	0.0335	0.0327	0.4557
8484.	287.6	-51.0	44.0	44.0	99.9	99.	0.0344	0.0335	0.4510
8557.	284.4	-51.0	45.0	45.0	99.9	99.	0.0344	0.0335	0.4460
8617.	281.8	-51.2	45.8	45.8	99.9	99.	0.0344	0.0336	0.4419
8686.	278.8	-50.8	47.1	47.1	-50.9	99.	0.0353	0.0344	0.4368
8752.	276.0	-51.0	47.7	47.7	99.9	99.	0.0345	0.0337	0.4328
8839.	272.3	-51.4	48.4	48.4	99.9	99.	0.0330	0.0322	0.4278
8880.	270.6	-51.9	48.2	48.2	99.9	100.	0.0310	0.0304	0.4261
8906.	269.5	-52.0	48.5	48.5	99.9	100.	0.0307	0.0301	0.4246
8947.	267.8	-52.2	48.8	48.8	-52.2	100.	0.0300	0.0294	0.4223

SOUNDING 19.3
LATITUDE -62.3 LONGITUDE 3.2
DATE 11- 3-81 TIME 0857 GMT
NUMBER OF LEVELS 138

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	961.8	-3.7	-0.7	-0.2	-3.7	100.	4.5964	3.6238	1.2471
29.	958.2	-5.5	-2.2	-1.8	99.9	100.	3.8654	3.1419	1.2503
92.	950.6	-6.3	-2.4	-2.0	99.9	100.	3.6081	2.9409	1.2439
149.	943.7	-6.9	-2.5	-2.1	99.9	100.	3.4255	2.7979	1.2375
193.	938.3	-7.3	-2.4	-2.1	99.9	100.	3.3084	2.7061	1.2322
242.	932.4	-7.8	-2.4	-2.1	99.9	100.	3.1673	2.5952	1.2267
292.	926.5	-8.2	-2.4	-2.0	99.9	100.	3.0584	2.5095	1.2207
340.	920.7	-8.7	-2.4	-2.1	99.9	100.	2.9271	2.4060	1.2152
387.	915.1	-9.1	-2.3	-2.0	99.9	100.	2.8257	2.3260	1.2096
437.	909.3	-9.5	-2.2	-1.9	99.9	100.	2.7276	2.2484	1.2037
484.	903.7	-9.9	-2.2	-1.9	99.9	100.	2.6326	2.1732	1.1980
541.	897.0	-10.5	-2.2	-1.9	99.9	100.	2.4958	2.0647	1.1918
590.	891.4	-11.0	-2.2	-2.0	99.9	100.	2.3867	1.9780	1.1865
633.	886.4	-11.4	-2.2	-2.0	99.9	100.	2.3027	1.9111	1.1816
674.	881.6	-11.7	-2.1	-1.9	99.9	100.	2.2414	1.8623	1.1765
711.	877.4	-11.8	-1.9	-1.6	99.9	100.	2.2213	1.8463	1.1714
750.	872.9	-12.0	-1.7	-1.4	99.9	100.	2.1816	1.8146	1.1662
792.	868.1	-12.3	-1.5	-1.3	99.9	100.	2.1233	1.7681	1.1611
834.	863.3	-12.6	-1.4	-1.2	99.9	100.	2.0664	1.7226	1.1560
880.	858.2	-12.9	-1.3	-1.0	99.9	100.	2.0109	1.6782	1.1504
925.	853.1	-13.3	-1.2	-1.0	99.9	100.	1.9391	1.6206	1.1453
972.	847.9	-13.6	-1.1	-0.8	99.9	100.	1.8967	1.5786	1.1395
1019.	842.6	-14.0	-1.0	-0.8	99.9	100.	1.8189	1.5241	1.1342
1065.	837.5	-14.3	-0.9	-0.6	99.9	100.	1.7696	1.4844	1.1286
1120.	831.4	-14.6	-0.6	-0.4	99.9	100.	1.7214	1.4456	1.1216
1171.	825.8	-15.0	-0.5	-0.3	99.9	100.	1.6591	1.3954	1.1158
1214.	821.1	-15.3	-0.4	-0.2	99.9	100.	1.6137	1.3588	1.1107
1261.	816.1	-15.6	-0.2	-0.0	99.9	100.	1.5695	1.3230	1.1052
1308.	811.3	-15.7	0.1	0.3	99.9	100.	1.5550	1.3113	1.0991
1345.	807.0	-15.8	0.5	0.7	99.9	100.	1.5406	1.2996	1.0937
1387.	802.5	-16.2	0.5	0.7	99.9	100.	1.4843	1.2540	1.0892
1431.	797.8	-16.3	0.8	1.0	99.9	100.	1.4705	1.2428	1.0833
1474.	793.3	-16.4	1.2	1.3	99.9	100.	1.4569	1.2318	1.0776
1518.	788.6	-16.6	1.2	1.4	-16.8	100.	1.4034	1.1862	1.0728

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1564.	783.8	-17.5	0.9	1.1	99.9	100.	1.3142	1.1157	1.0692
1609.	779.1	-17.7	1.2	1.3	99.9	100.	1.2897	1.0957	1.0636
1651.	774.7	-18.2	1.1	1.2	99.9	100.	1.2302	1.0472	1.0596
1698.	769.9	-18.3	1.5	1.6	99.9	100.	1.2186	1.0377	1.0534
1739.	765.6	-18.7	1.5	1.6	99.9	100.	1.1732	1.0006	1.0492
1783.	761.1	-19.0	1.6	1.8	99.9	100.	1.1402	0.9735	1.0442
1828.	756.5	-19.2	1.9	2.0	99.9	100.	1.1186	0.9559	1.0387
1872.	752.0	-19.8	1.7	1.8	99.9	100.	1.0563	0.9047	1.0349
1917.	747.5	-20.0	1.9	2.1	99.9	100.	1.0362	0.8882	1.0295
1958.	743.4	-20.5	1.8	2.0	99.9	100.	0.9876	0.8481	1.0259
2003.	738.8	-20.9	1.9	2.0	99.9	100.	0.9502	0.8172	1.0211
2047.	734.4	-21.3	1.9	2.0	99.9	100.	0.9141	0.7874	1.0166
2093.	729.9	-21.4	2.3	2.4	99.9	100.	0.9052	0.7801	1.0108
2135.	725.7	-21.7	2.4	2.5	99.9	100.	0.8792	0.7586	1.0061
2178.	721.5	-21.5	3.1	3.2	-21.5	100.	0.8964	0.7719	0.9995
2220.	717.4	-21.5	3.5	3.7	99.9	100.	0.8937	0.7705	0.9939
2262.	713.3	-21.7	3.8	3.9	99.9	99.	0.8738	0.7539	0.9890
2307.	708.9	-21.9	4.0	4.2	99.9	99.	0.8540	0.7374	0.9836
2396.	700.4	-22.2	4.7	4.8	99.9	98.	0.8240	0.7123	0.9730
2440.	696.2	-22.5	4.8	4.9	99.9	98.	0.7975	0.6902	0.9683
2482.	692.2	-22.9	4.8	4.9	99.9	98.	0.7644	0.6626	0.9642
2529.	687.8	-23.2	5.0	5.1	99.9	97.	0.7396	0.6418	0.9592
2575.	683.5	-23.8	5.9	6.1	-23.1	97.	0.7666	0.6643	0.9517
2619.	679.4	-23.1	6.1	6.2	99.9	97.	0.7407	0.6426	0.9472
2664.	675.2	-22.8	6.9	7.0	-23.2	96.	0.7590	0.6580	0.9402
2711.	670.9	-23.5	6.6	6.8	99.9	97.	0.7126	0.6192	0.9368
2758.	666.6	-23.6	7.0	7.2	99.9	97.	0.7097	0.6169	0.9312
2805.	662.3	-23.7	7.5	7.6	99.9	98.	0.7068	0.6146	0.9255
2856.	657.7	-24.1	7.6	7.7	99.9	98.	0.6835	0.5953	0.9206
2905.	653.3	-24.1	8.1	8.2	-24.2	99.	0.6876	0.5984	0.9144
2953.	649.0	-24.4	8.3	8.4	99.9	99.	0.6674	0.5819	0.9095
3001.	644.7	-24.9	8.3	8.4	99.9	99.	0.6349	0.5547	0.9052
3046.	640.7	-25.0	8.6	8.8	-25.1	99.	0.6286	0.5491	0.9000
3085.	637.3	-25.8	8.2	8.3	99.9	99.	0.5805	0.5090	0.8981
3132.	633.2	-26.1	8.3	8.4	99.9	99.	0.5636	0.4947	0.8934
3177.	629.2	-26.5	8.4	8.5	99.9	99.	0.5416	0.4762	0.8891
3220.	625.5	-26.8	8.5	8.6	99.9	99.	0.5257	0.4628	0.8850
3268.	621.3	-27.3	8.5	8.6	99.9	99.	0.5000	0.4410	0.8808
3310.	617.7	-27.7	8.5	8.6	99.9	99.	0.4803	0.4243	0.8771
3360.	613.4	-27.8	9.0	9.0	99.9	99.	0.4757	0.4205	0.8714
3405.	609.6	-28.6	8.5	8.6	99.9	99.	0.4386	0.3889	0.8688
3446.	606.1	-28.7	8.9	9.0	99.9	100.	0.4343	0.3852	0.8641
3492.	602.2	-28.2	10.0	10.1	99.9	100.	0.4575	0.4050	0.8568
3540.	598.2	-29.4	9.1	9.2	99.9	100.	0.4045	0.3599	0.8553
3587.	594.2	-29.7	9.3	9.4	99.9	100.	0.3924	0.3495	0.8506
3627.	590.9	-30.4	9.0	9.0	99.9	100.	0.3650	0.3260	0.8483
3674.	587.0	-30.6	9.3	9.3	99.9	100.	0.3577	0.3198	0.8434
3718.	583.4	-31.2	9.1	9.1	99.9	100.	0.3361	0.3012	0.8403
3772.	578.9	-31.0	9.9	10.0	-31.0	100.	0.3435	0.3074	0.8331
3819.	575.1	-31.4	10.0	10.0	99.9	100.	0.3294	0.2954	0.8290
3861.	571.7	-32.6	9.1	9.1	99.9	100.	0.2901	0.2615	0.8282
3906.	568.0	-32.7	9.5	9.5	99.9	100.	0.2870	0.2588	0.8232
3959.	563.8	-33.0	9.7	9.8	99.9	100.	0.2780	0.2510	0.8181
4007.	559.9	-33.5	9.7	9.7	99.9	100.	0.2635	0.2384	0.8141
4060.	555.7	-34.3	9.3	9.4	99.9	100.	0.2418	0.2195	0.8107
4109.	551.8	-34.8	9.3	9.4	99.9	100.	0.2291	0.2084	0.8067
4159.	547.9	-35.2	9.4	9.5	99.9	100.	0.2194	0.1998	0.8023
4208.	544.0	-35.5	9.6	9.7	99.9	100.	0.2123	0.1937	0.7976
4262.	539.8	-36.1	9.5	9.6	99.9	100.	0.1989	0.1818	0.7935
4316.	535.6	-36.1	10.2	10.2	99.9	100.	0.1989	0.1818	0.7873
4367.	531.7	-36.5	10.3	10.3	99.9	100.	0.1903	0.1743	0.7829
4416.	527.9	-35.5	12.1	12.1	-35.5	100.	0.2123	0.1936	0.7740
4464.	524.3	-35.6	12.5	12.6	99.9	100.	0.2093	0.1910	0.7691
4514.	520.5	-36.0	12.6	12.7	99.9	99.	0.1997	0.1825	0.7648
4561.	517.0	-35.9	13.3	13.3	99.9	99.	0.2012	0.1839	0.7593
4611.	513.3	-36.0	13.8	13.8	99.9	99.	0.1984	0.1813	0.7542
4660.	509.7	-36.6	13.6	13.7	99.9	98.	0.1851	0.1696	0.7508
4711.	505.9	-37.1	13.6	13.7	99.9	98.	0.1746	0.1603	0.7468
4758.	502.5	-37.4	13.8	13.8	99.9	98.	0.1683	0.1548	0.7427
4805.	499.1	-37.6	14.1	14.2	99.9	97.	0.1641	0.1510	0.7383
4853.	495.6	-37.9	14.3	14.4	99.9	97.	0.1582	0.1457	0.7340
4898.	492.4	-37.8	15.0	15.0	-38.1	97.	0.1594	0.1470	0.7290
4950.	488.7	-38.5	14.7	14.8	99.9	98.	0.1493	0.1379	0.7257
4996.	485.4	-38.8	14.9	15.0	99.9	99.	0.1459	0.1350	0.7217
5041.	482.2	-38.4	16.0	16.0	-38.4	100.	0.1542	0.1423	0.7157
5087.	479.0	-37.8	17.3	17.3	-37.8	100.	0.1648	0.1518	0.7092
5132.	475.9	-37.9	18.2	18.2	99.9	99.	0.1681	0.1546	0.7037
5177.	472.8	-37.3	19.0	19.0	99.9	97.	0.1695	0.1558	0.6985
5222.	469.7	-37.7	19.0	19.1	99.9	96.	0.1598	0.1472	0.6951
5266.	466.7	-37.4	19.9	20.0	-37.9	95.	0.1630	0.1501	0.6898
5311.	463.7	-37.7	20.1	20.1	-38.1	96.	0.1594	0.1470	0.6862
5357.	460.6	-38.3	19.9	19.9	99.9	96.	0.1495	0.1380	0.6834
5403.	457.5	-38.3	20.5	20.5	99.9	96.	0.1498	0.1383	0.6788
5451.	454.3	-38.1	21.3	21.4	99.9	96.	0.1536	0.1416	0.6734
6047.	416.4	-40.9	25.1	25.2	99.9	99.	0.1154	0.1077	0.6247

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6096.	413.4	-41.0	25.6	25.7	99.9	100.	0.1144	0.1068	0.6204
6145.	410.4	-41.0	26.0	26.1	99.9	100.	0.1147	0.1070	0.6159
6195.	407.4	-41.3	26.5	26.5	-41.3	100.	0.1111	0.1038	0.6122
6240.	404.7	-41.3	27.1	27.1	-41.3	100.	0.1111	0.1038	0.6082
6290.	401.7	-41.5	27.4	27.5	-41.6	99.	0.1073	0.1004	0.6042
6338.	398.9	-42.0	27.4	27.4	99.9	99.	0.1013	0.0950	0.6013
6384.	396.2	-42.0	28.0	28.0	99.9	99.	0.1013	0.0950	0.5972
6481.	390.5	-42.6	28.4	28.5	-42.7	99.	0.0945	0.0889	0.5901
6532.	387.6	-42.8	28.8	28.8	-43.0	98.	0.0913	0.0859	0.5863
6624.	382.3	-42.9	30.0	30.0	-43.2	95.	0.0892	0.0840	0.5782
6679.	379.2	-43.3	30.2	30.1	-43.3	100.	0.0892	0.0831	0.5748
6731.	376.3	-43.4	30.6	30.6	-43.4	100.	0.0871	0.0822	0.5706
6781.	373.5	-43.9	30.6	30.6	99.9	100.	0.0820	0.0775	0.5676
6928.	365.4	-44.2	32.1	32.1	99.9	99.	0.0786	0.0744	0.5561
6981.	362.5	-44.1	32.5	32.5	-44.2	99.	0.0794	0.0751	0.5514
7033.	359.7	-44.1	33.6	33.6	-44.5	95.	0.0766	0.0726	0.5471
7083.	357.0	-44.1	34.2	34.3	-45.0	90.	0.0722	0.0686	0.5430
7134.	354.3	-44.1	34.9	34.9	-45.2	88.	0.0705	0.0670	0.5389
7225.	349.5	-45.0	34.9	34.9	-45.7	92.	0.0665	0.0633	0.5337

SOUNDING 20.0
LATITUDE -62.3 LONGITUDE 2.9
DATE 11- 3-81 TIME 1454 GMT
NUMBER OF LEVELS 21

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	985.0	-4.6	-1.9	-1.5	-5.4	93.	3.8988	3.1552	1.2561
56.	959.1	-5.0	-1.8	-1.4	-5.8	93.	3.7671	3.0531	1.2490
120.	951.3	-5.7	-1.9	-1.5	-6.4	94.	3.5771	2.9056	1.2420
168.	945.4	-6.2	-1.9	-1.5	-6.8	95.	3.4553	2.8110	1.2365
225.	938.5	-6.7	-1.8	-1.5	-7.2	96.	3.3373	2.7191	1.2297
270.	933.1	-7.2	-1.9	-1.5	-7.6	97.	3.2231	2.6299	1.2249
320.	927.2	-7.6	-1.8	-1.5	-7.9	97.	3.1397	2.5648	1.2189
363.	922.0	-8.0	-1.8	-1.4	-8.3	97.	3.0317	2.4803	1.2138
413.	916.1	-8.3	-1.8	-1.3	-8.8	96.	2.9014	2.3782	1.2073
463.	910.2	-8.8	-1.8	-1.3	-9.2	97.	2.8008	2.2992	1.2018
513.	904.4	-9.3	-1.8	-1.3	-9.7	97.	2.6797	2.2040	1.1963
557.	899.2	-9.8	-1.8	-1.5	-10.3	97.	2.5406	2.0944	1.1920
612.	892.8	-10.3	-1.7	-1.1	-10.5	96.	2.4957	2.0589	1.1840
661.	887.1	-10.7	-1.8	-0.9	-10.8	96.	2.4297	2.0068	1.1777
957.	853.6	-11.7	0.4	0.7	99.9	96.	2.1420	1.7797	1.1391
1129.	834.5	-13.6	0.6	0.8	99.9	96.	1.8693	1.5617	1.1199
1172.	829.8	-13.7	0.5	0.7	-14.2	96.	1.7858	1.4943	1.1157
1297.	816.2	-14.9	0.5	0.7	99.9	96.	1.5995	0.9291	1.1019
1384.	806.9	-15.7	0.6	0.8	99.9	96.	1.4854	0.8628	1.0927
1497.	794.8	-16.3	1.1	1.3	99.9	96.	1.4048	0.8159	1.0788
1647.	779.1	-18.0	0.9	1.0	99.9	96.	1.1976	0.6956	1.0644

SOUNDING 21.0
LATITUDE -62.2 LONGITUDE 1.1
DATE 11- 5-81 TIME 0559 GMT
NUMBER OF LEVELS 32

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	967.2	-5.5	-6.3	-6.5	-9.8	96.	2.6567	2.1859	1.2792
4.	966.7	-5.3	-6.2	-6.4	-9.3	100.	2.7769	2.2804	1.2786
42.	962.0	-5.8	-6.6	-6.6	99.9	100.	2.6557	1.5431	1.2741
105.	954.1	-10.5	-7.0	-6.7	99.9	100.	2.4963	1.4500	1.2669
169.	946.2	-11.1	-6.9	-6.7	99.9	100.	2.3660	1.3743	1.2592
231.	938.5	-11.7	-6.9	-6.7	99.9	100.	2.2419	1.3022	1.2518
302.	929.9	-12.3	-6.8	-6.6	99.9	100.	2.1238	1.2336	1.2431
362.	922.4	-12.8	-6.5	-6.3	99.9	100.	2.0669	1.2005	1.2347
410.	916.8	-12.6	-6.1	-5.8	99.9	100.	2.0669	1.2005	1.2270
458.	911.1	-12.7	-5.7	-5.5	99.9	100.	2.0482	1.1896	1.2198
505.	905.4	-12.9	-5.4	-5.2	99.9	100.	2.0113	1.1682	1.2131
551.	900.0	-13.0	-5.1	-4.9	99.9	100.	1.9931	1.1576	1.2063
594.	894.9	-13.2	-4.9	-4.7	99.9	100.	1.9394	1.1265	1.2008
639.	889.6	-13.7	-4.9	-4.7	99.9	100.	1.8699	1.0861	1.1955
686.	884.1	-14.0	-4.7	-4.5	99.9	100.	1.8193	1.0567	1.1895
732.	878.8	-14.3	-4.6	-4.4	99.9	100.	1.7699	1.0280	1.1837
782.	873.0	-14.6	-4.4	-4.2	99.9	100.	1.7217	1.0000	1.1772
830.	867.5	-14.9	-4.2	-4.0	99.9	100.	1.6748	0.9728	1.1712
877.	862.1	-15.3	-4.1	-3.9	99.9	100.	1.6140	0.9375	1.1657
930.	856.0	-15.6	-3.9	-3.7	99.9	100.	1.5698	0.9118	1.1587
983.	850.0	-16.1	-3.9	-3.7	99.9	100.	1.4995	0.8704	1.1528
1052.	842.3	-16.4	-3.8	-3.6	99.9	100.	1.4572	0.8464	1.1437
1104.	836.4	-16.7	-3.8	-3.6	99.9	100.	1.4169	0.8230	1.1370

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1159.	830.3	-17.1	-3.1	-3.0	99.9	100.	1.3648	0.7927	1.1304
1215.	824.1	-17.5	-3.0	-2.8	99.9	100.	1.3144	0.7635	1.1237
1285.	816.5	-18.1	-2.9	-2.7	99.9	100.	1.2421	0.7214	1.1159
1341.	810.4	-18.6	-2.8	-2.7	99.9	100.	1.1846	0.6881	1.1097
1395.	804.5	-19.1	-2.8	-2.7	99.9	100.	1.1296	0.6561	1.1038
1473.	796.1	-19.8	-2.8	-2.6	99.9	100.	1.0565	0.6136	1.0953
1551.	787.7	-20.4	-2.6	-2.4	99.9	100.	0.9973	0.5793	1.0862
1615.	780.9	-20.9	-2.4	-2.3	99.9	100.	0.9503	0.5520	1.0790
1683.	773.8	-21.4	-2.3	-2.1	99.9	100.	0.9054	0.5259	1.0713

SOUNDING 22.0
LATITUDE -62.2 LONGITUDE 1.2
DATE 11- 5-81 TIME 0858 GMT
NUMBER OF LEVELS 195

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	965.8	-8.4	-5.5	-5.5	-9.6	90.	2.7042	2.2233	1.2730
22.	963.0	-9.1	-6.2	-6.0	99.9	91.	2.5617	2.1077	1.2726
81.	955.7	-10.0	-6.6	-6.3	99.9	92.	2.4115	1.9907	1.2672
137.	948.8	-10.6	-6.6	-6.4	99.9	94.	2.3275	1.9256	1.2608
185.	942.9	-10.9	-6.5	-6.2	99.9	96.	2.3007	1.9056	1.2544
231.	937.2	-11.3	-6.4	-6.2	99.9	97.	2.2523	1.8683	1.2487
271.	932.4	-11.6	-6.3	-6.1	99.9	98.	2.2193	1.8430	1.2437
300.	928.8	-11.3	-5.7	-5.5	99.9	99.	2.3006	1.9085	1.2376
333.	924.8	-11.2	-5.5	-5.3	-11.2	100.	2.3447	1.9395	1.2318
369.	920.5	-11.5	-5.3	-5.0	99.9	100.	2.2820	1.8945	1.2274
406.	916.1	-11.8	-5.2	-4.9	99.9	100.	2.2208	1.8457	1.2229
444.	911.5	-12.0	-5.0	-4.8	99.9	100.	2.1807	1.8137	1.2177
488.	906.3	-12.3	-4.9	-4.6	99.9	100.	2.1219	1.7668	1.2121
525.	901.9	-12.6	-4.8	-4.6	99.9	100.	2.0647	1.7210	1.2076
564.	897.3	-12.8	-4.6	-4.4	99.9	100.	2.0272	1.6910	1.2023
602.	892.8	-13.1	-4.5	-4.3	99.9	100.	1.9723	1.6470	1.1976
642.	888.1	-13.3	-4.3	-4.1	99.9	100.	1.9363	1.6181	1.1922
682.	883.5	-13.6	-4.3	-4.0	99.9	100.	1.8836	1.5759	1.1874
723.	878.7	-13.8	-4.0	-3.8	99.9	100.	1.8491	1.5481	1.1818
766.	873.8	-14.1	-3.9	-3.7	99.9	100.	1.7986	1.5075	1.1766
803.	869.5	-14.4	-3.9	-3.7	99.9	100.	1.7494	1.4679	1.1721
844.	864.8	-14.7	-3.8	-3.6	99.9	100.	1.7014	1.4293	1.1671
884.	860.2	-15.0	-3.7	-3.5	99.9	100.	1.6547	1.3915	1.1622
929.	855.1	-15.2	-3.4	-3.2	99.9	100.	1.6240	1.3668	1.1562
967.	850.8	-15.5	-3.3	-3.1	99.9	100.	1.5792	1.3306	1.1517
1007.	846.3	-15.9	-3.3	-3.2	99.9	100.	1.5213	1.2837	1.1473
1044.	842.2	-16.1	-3.2	-3.0	99.9	100.	1.4930	1.2608	1.1426
1086.	837.5	-16.3	-3.0	-2.8	99.9	100.	1.4651	1.2381	1.1371
1131.	832.5	-16.3	-2.5	-2.3	99.9	100.	1.4647	1.2378	1.1303
1172.	827.9	-17.0	-2.8	-2.6	99.9	100.	1.3717	1.1622	1.1271
1213.	823.4	-17.1	-2.5	-2.3	99.9	100.	1.3586	1.1516	1.1214
1249.	819.4	-17.5	-2.5	-2.4	99.9	100.	1.3082	1.1106	1.1177
1287.	815.3	-17.7	-2.4	-2.2	99.9	100.	1.2835	1.0904	1.1129
1321.	811.6	-17.9	-2.2	-2.1	99.9	99.	1.2593	1.0707	1.1087
1390.	804.1	-18.2	-1.8	-1.7	99.9	99.	1.2236	1.0415	1.0998
1582.	783.6	-19.5	-1.2	-1.1	99.9	99.	1.0802	0.9240	1.0771
1622.	779.4	-19.7	-1.0	-0.9	99.9	99.	1.0595	0.9070	1.0722
1651.	776.4	-20.3	-1.3	-1.2	99.9	99.	1.0000	0.8581	1.0705
1924.	748.1	-23.1	-1.5	-1.4	99.9	99.	0.7605	0.6596	1.0429
1975.	742.9	-23.3	-1.2	-1.1	99.9	99.	0.7454	0.6471	1.0365
2025.	737.8	-23.7	-1.1	-1.0	99.9	99.	0.7164	0.6229	1.0310
2076.	732.7	-23.9	-0.7	-0.6	99.9	99.	0.7021	0.6110	1.0247
2122.	728.1	-24.1	-0.4	-0.3	99.9	99.	0.6950	0.6050	1.0186
2164.	723.9	-24.6	-0.6	-0.5	99.9	99.	0.6547	0.5712	1.0152
2221.	718.2	-23.7	1.2	1.1	-23.9	99.	0.7156	0.6218	1.0036
2272.	713.2	-21.6	3.9	4.0	-22.6	91.	0.8052	0.6964	0.9884
2321.	708.5	-21.1	5.0	5.1	-21.8	93.	0.8706	0.7505	0.9800
2367.	704.1	-21.1	5.5	5.6	-21.5	96.	0.8964	0.7718	0.9739
2414.	699.6	-20.8	6.2	6.4	-21.1	97.	0.9318	0.8010	0.9666
2464.	694.9	-20.7	7.0	7.1	-20.8	98.	0.9592	0.8236	0.9597
2510.	690.6	-20.6	7.6	7.7	-20.8	98.	0.9582	0.8236	0.9534
2560.	685.9	-21.1	7.6	7.7	99.9	98.	0.9153	0.7879	0.9488
2607.	681.6	-21.4	7.7	7.9	99.9	98.	0.8903	0.7673	0.9439
2652.	677.4	-21.4	8.2	8.4	99.9	99.	0.8915	0.7683	0.9381
2702.	672.8	-21.6	8.5	8.7	99.9	99.	0.8756	0.7552	0.9325
2744.	669.0	-21.8	8.8	8.9	99.9	99.	0.8598	0.7421	0.9279
2785.	665.3	-22.0	9.0	9.1	99.9	99.	0.8442	0.7292	0.9235
2828.	661.4	-22.3	9.1	9.2	99.9	99.	0.8208	0.7099	0.9192
2875.	657.2	-22.5	9.4	9.6	99.9	99.	0.8060	0.6977	0.9141
2918.	653.3	-22.7	9.7	9.8	99.9	99.	0.7914	0.6855	0.9094
2962.	649.4	-22.6	10.3	10.4	99.9	99.	0.8002	0.6929	0.9036
3014.	644.8	-23.0	10.4	10.5	99.9	100.	0.7706	0.6683	0.8986
3072.	639.7	-23.1	10.9	11.1	99.9	100.	0.7643	0.6631	0.8919
3124.	635.2	-23.2	11.4	11.5	99.9	100.	0.7580	0.6579	0.8859
3166.	631.5	-23.3	11.6	11.9	-23.3	100.	0.7515	0.6517	0.8811

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3209.	627.8	-23.5	12.0	12.1	-23.5	100.	0.7366	0.6395	0.8767
3252.	624.1	-24.0	11.9	12.0	99.9	100.	0.7007	0.6101	0.8732
3298.	620.2	-24.5	11.9	12.0	99.9	100.	0.6663	0.5813	0.8695
3345.	616.2	-24.4	12.5	12.6	99.9	100.	0.6724	0.5864	0.8635
3384.	612.9	-24.5	12.6	12.9	99.9	100.	0.6653	0.5804	0.8593
3427.	609.3	-24.7	13.1	13.2	99.9	100.	0.6517	0.5690	0.8549
3470.	605.7	-25.1	13.1	13.2	99.9	100.	0.6258	0.5472	0.8512
3513.	602.1	-25.5	13.1	13.2	99.9	99.	0.6007	0.5261	0.8475
3557.	598.5	-25.9	13.3	13.4	99.9	99.	0.5825	0.5108	0.8434
3598.	595.1	-25.8	13.7	13.8	99.9	99.	0.5821	0.5104	0.8386
3642.	591.5	-25.9	14.1	14.2	99.9	99.	0.5758	0.5051	0.8339
3685.	588.0	-26.1	14.4	14.5	99.9	99.	0.5639	0.4951	0.8296
3725.	584.7	-26.4	14.5	14.6	99.9	99.	0.5467	0.4805	0.8260
3767.	581.3	-27.0	14.3	14.3	99.9	99.	0.5141	0.4530	0.8231
3810.	577.9	-27.3	14.7	14.8	-27.1	99.	0.5137	0.4524	0.8183
3851.	574.6	-27.5	14.9	14.9	99.9	99.	0.4983	0.4396	0.8146
3893.	571.2	-28.2	14.3	14.4	99.9	99.	0.4545	0.4024	0.8127
3932.	568.1	-28.6	15.0	15.1	99.9	99.	0.4639	0.4104	0.8077
3973.	564.9	-28.2	15.2	15.3	99.9	99.	0.4545	0.4024	0.8038
4015.	561.6	-28.6	15.2	15.2	99.9	99.	0.4362	0.3868	0.8010
4049.	558.9	-29.0	15.1	15.2	99.9	99.	0.4186	0.3718	0.7978
4088.	555.9	-29.2	15.3	15.4	99.9	99.	0.4100	0.3644	0.7942
4126.	552.9	-29.5	15.4	15.5	99.9	99.	0.3975	0.3537	0.7909
4165.	549.9	-29.6	15.8	15.8	99.9	99.	0.3933	0.3502	0.7869
4204.	546.9	-29.8	16.0	16.1	-29.9	99.	0.3853	0.3432	0.7832
4242.	544.0	-30.4	15.7	15.8	99.9	99.	0.3619	0.3233	0.7810
4281.	541.0	-30.9	16.0	16.1	99.9	99.	0.3581	0.3200	0.7770
4316.	538.3	-33.7	16.2	16.3	-30.8	99.	0.3547	0.3136	0.7738
4353.	535.4	-31.0	16.3	16.4	99.9	99.	0.3399	0.3043	0.7707
4394.	532.4	-31.4	16.3	16.4	99.9	99.	0.3259	0.2922	0.7675
4437.	529.2	-31.6	16.5	16.6	99.9	99.	0.3181	0.2864	0.7635
4472.	526.6	-31.9	16.6	16.7	99.9	99.	0.3091	0.2778	0.7607
4509.	523.8	-32.3	16.9	17.0	-32.1	99.	0.3058	0.2749	0.7569
4544.	521.2	-32.6	16.6	16.7	99.9	99.	0.2870	0.2586	0.7551
4580.	518.6	-32.9	16.7	16.7	99.9	99.	0.2780	0.2508	0.7522
4617.	515.8	-33.6	16.3	16.3	99.9	99.	0.2579	0.2334	0.7503
4654.	513.1	-34.0	16.2	16.3	99.9	99.	0.2471	0.2240	0.7476
4691.	510.4	-34.4	16.2	16.2	99.9	99.	0.2366	0.2149	0.7449
4729.	507.6	-34.9	16.4	16.4	99.9	99.	0.2316	0.2104	0.7415
4771.	504.6	-34.7	16.7	16.8	99.9	99.	0.2291	0.2083	0.7374
4812.	501.6	-35.0	16.8	16.9	99.9	99.	0.2217	0.2018	0.7339
4853.	498.8	-35.3	17.3	17.4	99.9	99.	0.2217	0.2018	0.7300
4899.	496.0	-35.6	17.1	17.1	99.9	99.	0.2077	0.1895	0.7276
4939.	493.2	-36.2	16.8	16.9	99.9	99.	0.1945	0.1780	0.7253
4973.	490.1	-36.1	17.5	17.5	99.9	99.	0.1967	0.1798	0.7204
5012.	487.4	-36.5	17.4	17.5	99.9	99.	0.1882	0.1724	0.7176
5054.	484.4	-37.3	17.0	17.0	99.9	99.	0.1723	0.1584	0.7156
5093.	481.7	-37.4	17.3	17.3	99.9	99.	0.1704	0.1567	0.7119
5137.	478.6	-37.3	17.9	18.0	99.9	99.	0.1723	0.1584	0.7071
5182.	475.5	-37.9	17.7	17.8	99.9	99.	0.1612	0.1485	0.7043
5224.	472.6	-38.4	17.6	17.7	99.9	99.	0.1525	0.1408	0.7015
5269.	469.5	-38.2	18.4	18.5	99.9	99.	0.1559	0.1438	0.6963
5313.	466.5	-38.7	18.3	18.4	99.9	99.	0.1474	0.1363	0.6933
5359.	463.7	-39.1	18.3	18.4	99.9	99.	0.1410	0.1305	0.6903
5399.	461.7	-39.9	17.9	17.9	99.9	99.	0.1288	0.1197	0.6882
5445.	457.8	-40.3	17.9	17.9	99.9	99.	0.1231	0.1146	0.6852
5481.	455.2	-40.7	17.9	17.9	99.9	99.	0.1176	0.1097	0.6823
5518.	452.7	-40.9	18.1	18.1	99.9	99.	0.1156	0.1073	0.6791
5574.	448.8	-41.2	18.4	18.4	99.9	99.	0.1111	0.1038	0.6744
5613.	446.2	-41.5	18.5	18.5	99.9	99.	0.1073	0.1004	0.6714
5657.	443.5	-42.2	18.4	18.4	99.9	99.	0.1013	0.0950	0.6685
5697.	440.9	-41.8	19.4	19.4	99.9	99.	0.1061	0.0993	0.6634
5745.	437.8	-42.4	19.1	19.1	99.9	99.	0.0979	0.0919	0.6607
5788.	435.1	-42.6	19.3	19.3	99.9	99.	0.0946	0.0885	0.6574
5828.	432.4	-42.7	19.7	19.7	99.9	99.	0.0935	0.0879	0.6537
5869.	429.8	-43.1	19.6	19.7	99.9	99.	0.0892	0.0840	0.6509
5914.	426.9	-43.4	19.8	19.9	99.9	99.	0.0861	0.0813	0.6474
5962.	423.9	-43.9	20.3	20.3	-43.6	99.	0.0851	0.0804	0.6431
6000.	421.5	-43.9	21.0	21.0	-43.8	99.	0.0822	0.0777	0.6389
6045.	418.7	-43.9	20.8	20.8	99.9	95.	0.0781	0.0738	0.6363
6086.	416.1	-44.4	20.7	20.7	99.9	97.	0.0748	0.0708	0.6337
6131.	413.3	-44.7	21.0	21.0	99.9	96.	0.0735	0.0695	0.6303
6177.	410.5	-44.7	21.5	21.5	-44.7	100.	0.0748	0.0713	0.6268
6231.	407.2	-45.2	21.4	21.4	99.9	100.	0.0696	0.0662	0.6226
6259.	405.5	-45.3	21.7	21.7	99.9	100.	0.0693	0.0661	0.6200
6308.	402.5	-45.6	21.6	21.6	99.9	100.	0.0646	0.0616	0.6171
6349.	400.0	-46.3	21.5	21.5	99.9	99.	0.0615	0.0586	0.6143
6389.	397.6	-46.2	22.2	22.2	99.9	99.	0.0622	0.0594	0.6104
6431.	395.1	-46.5	22.3	22.4	99.9	99.	0.0599	0.0573	0.6073
6473.	392.6	-46.4	23.0	23.0	99.9	99.	0.0625	0.0578	0.6032
6517.	390.0	-47.4	22.3	22.3	99.9	99.	0.0538	0.0514	0.6019
6563.	387.3	-47.5	23.0	23.0	99.9	99.	0.0541	0.0520	0.5974
6606.	384.8	-48.2	22.6	22.6	99.9	99.	0.0497	0.0478	0.5954
6647.	382.4	-48.3	22.7	22.8	99.9	99.	0.0478	0.0461	0.5925
6692.	379.8	-48.3	23.3	23.3	99.9	99.	0.0477	0.0460	0.5885

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6737.	377.2	-48.2	24.9	24.9	99.9	98.	0.0482	0.0465	0.5842
6780.	374.7	-48.3	24.5	24.5	99.9	98.	0.0476	0.0459	0.5806
6824.	372.2	-48.9	24.2	24.3	99.9	98.	0.0442	0.0427	0.5782
6910.	367.4	-48.8	25.5	25.5	99.9	97.	0.0446	0.0430	0.5705
6990.	362.9	-49.6	25.5	25.5	99.9	97.	0.0403	0.0390	0.5655
7035.	360.4	-49.7	25.9	25.9	99.9	97.	0.0397	0.0385	0.5619
7077.	358.1	-49.7	26.5	26.5	99.9	97.	0.0397	0.0385	0.5583
7119.	355.8	-50.1	26.5	26.5	99.9	97.	0.0377	0.0366	0.5557
7165.	353.3	-50.0	27.2	27.2	99.9	97.	0.0381	0.0370	0.5516
7212.	350.8	-49.7	28.2	28.2	-50.0	96.	0.0395	0.0383	0.5469
7253.	348.6	-49.6	28.5	28.5	-50.0	95.	0.0395	0.0383	0.5433
7300.	346.1	-49.6	29.5	29.5	-49.9	96.	0.0400	0.0388	0.5394
7349.	343.5	-49.9	29.8	29.8	-50.3	95.	0.0380	0.0370	0.5360
7397.	341.0	-49.9	30.4	30.4	-50.1	98.	0.0390	0.0379	0.5321
7443.	338.6	-50.3	30.5	30.5	99.9	98.	0.0372	0.0362	0.5293
7487.	336.3	-50.5	30.8	30.8	99.9	98.	0.0364	0.0354	0.5262
7536.	333.8	-50.6	31.3	31.3	99.9	98.	0.0360	0.0351	0.5225
7581.	331.5	-51.4	30.8	30.8	99.9	99.	0.0327	0.0319	0.5208
7632.	328.9	-51.4	31.5	31.5	99.9	99.	0.0328	0.0320	0.5167
7681.	326.4	-51.9	31.5	31.5	99.9	99.	0.0308	0.0302	0.5139
7733.	323.8	-51.9	32.2	32.2	99.9	99.	0.0309	0.0303	0.5099
7783.	321.3	-52.4	32.2	32.2	99.9	100.	0.0291	0.0286	0.5071
7825.	319.2	-52.2	33.0	33.0	99.9	100.	0.0299	0.0293	0.5033
7868.	317.1	-51.7	34.3	34.3	-51.7	100.	0.0319	0.0312	0.4989
7897.	315.7	-51.7	34.7	34.7	-52.3	93.	0.0296	0.0291	0.4967
7933.	313.9	-52.1	34.6	34.6	-52.2	99.	0.0300	0.0294	0.4947
7960.	312.6	-53.1	33.6	33.6	99.9	98.	0.0263	0.0259	0.4949
7987.	311.3	-53.3	33.7	33.7	99.9	98.	0.0255	0.0251	0.4933
8018.	309.8	-52.7	34.9	34.9	99.9	97.	0.0274	0.0269	0.4896
8043.	308.6	-52.3	35.8	35.8	99.9	97.	0.0287	0.0281	0.4868
8075.	307.1	-52.9	35.4	35.4	-53.2	96.	0.0264	0.0260	0.4858
8100.	305.9	-52.9	35.6	35.6	-53.1	97.	0.0268	0.0263	0.4839
8129.	304.5	-53.1	35.9	35.9	99.9	98.	0.0262	0.0258	0.4821
8161.	303.0	-53.2	36.2	36.2	99.9	98.	0.0259	0.0255	0.4799
8189.	301.7	-53.2	36.6	36.6	99.9	98.	0.0260	0.0256	0.4779
8216.	300.4	-53.4	36.7	36.7	99.9	99.	0.0254	0.0250	0.4762
8240.	299.3	-53.2	37.3	37.3	-53.3	99.	0.0261	0.0257	0.4741
8266.	298.1	-54.0	36.5	36.5	99.9	99.	0.0236	0.0137	0.4739
8300.	296.5	-54.4	36.4	36.4	99.9	99.	0.0224	0.0130	0.4722
8318.	295.7	-54.4	36.7	36.7	99.9	99.	0.0224	0.0130	0.4709
8346.	294.4	-55.2	35.9	35.9	99.9	99.	0.0202	0.0117	0.4706
8365.	293.5	-55.3	36.0	36.0	99.9	99.	0.0199	0.0116	0.4693
8402.	291.8	-55.4	36.4	36.4	99.9	99.	0.0197	0.0114	0.4668
8428.	290.6	-55.3	36.9	36.9	99.9	99.	0.0199	0.0116	0.4647
8437.	290.2	-55.8	36.3	36.3	99.9	99.	0.0187	0.0108	0.4651

SOUNDING 23.0
LATITUDE -62.2 LONGITUDE 1.2
DATE 11- 5-81 TIME 1455 GMT
NUMBER OF LEVELS 136

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	970.1	-5.6	-3.3	-2.9	-6.2	95.	3.6397	2.9543	1.2661
13.	968.5	-5.8	-3.3	-3.0	-6.1	97.	3.6711	2.9787	1.2649
74.	961.0	-6.5	-3.5	-3.1	-6.8	97.	3.4555	2.8111	1.2583
116.	955.8	-7.0	-3.5	-3.2	-7.2	98.	3.3376	2.7193	1.2538
157.	950.8	-7.4	-3.5	-3.2	-7.5	99.	3.2515	2.6521	1.2490
208.	944.5	-7.9	-3.5	-3.2	-7.9	100.	3.1399	2.5650	1.2430
257.	938.6	-8.3	-3.5	-3.1	-8.3	100.	3.0319	2.4804	1.2370
311.	932.1	-8.8	-3.4	-3.1	99.9	100.	2.9016	2.3858	1.2307
356.	926.7	-9.2	-3.4	-3.1	99.9	100.	2.8019	2.3064	1.2254
402.	921.2	-9.6	-3.3	-3.0	99.9	100.	2.7037	2.2294	1.2199
446.	915.9	-10.0	-3.3	-3.0	99.9	100.	2.6095	2.1548	1.2146
493.	910.4	-10.3	-3.2	-2.9	99.9	100.	2.5407	2.1003	1.2087
538.	905.0	-10.7	-3.1	-2.8	99.9	100.	2.4517	2.0296	1.2033
594.	898.4	-11.3	-3.2	-2.9	99.9	100.	2.3235	1.9277	1.1971
643.	892.7	-11.7	-3.1	-2.8	99.9	100.	2.2415	1.8623	1.1913
679.	888.5	-12.2	-3.2	-3.0	99.9	100.	2.1427	1.7835	1.1879
710.	884.9	-12.6	-3.3	-3.1	99.9	100.	2.0666	1.7226	1.1848
740.	881.4	-12.9	-3.3	-3.1	99.9	100.	2.0111	1.6782	1.1815
774.	877.5	-13.1	-3.2	-3.0	99.9	100.	1.9749	1.6492	1.1771
805.	873.9	-13.3	-3.1	-2.9	99.9	100.	1.9392	1.6206	1.1732
841.	869.8	-13.6	-3.1	-2.8	99.9	100.	1.8869	1.5786	1.1690
875.	865.9	-13.8	-2.9	-2.7	99.9	100.	1.8527	1.5512	1.1646
923.	860.5	-14.2	-2.8	-2.6	99.9	100.	1.7869	1.4976	1.1591
963.	856.9	-14.3	-2.5	-2.3	99.9	100.	1.7697	1.4845	1.1534
1007.	851.0	-14.2	-2.2	-1.8	99.9	100.	1.7960	1.4976	1.1463
1051.	846.1	-14.0	-1.3	-1.1	-14.0	100.	1.8190	1.5209	1.1389
1091.	841.6	-14.1	-1.0	-0.8	99.9	100.	1.8023	1.5108	1.1333
1132.	837.0	-14.3	-0.8	-0.6	99.9	100.	1.7696	1.4844	1.1279
1172.	832.6	-14.5	-0.6	-0.4	99.9	100.	1.7373	1.4585	1.1228

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1214.	828.0	-14.8	-0.5	-0.3	99.9	100.	1.6900	1.4203	1.1178
1255.	823.5	-14.9	-0.5	-0.3	99.9	100.	1.6745	1.4078	1.1122
1297.	819.0	-15.2	-0.1	0.1	99.9	100.	1.6287	1.3709	1.1074
1337.	814.7	-15.5	0.0	0.2	99.9	100.	1.5941	1.3349	1.1029
1377.	810.3	-15.7	0.2	0.4	99.9	100.	1.5550	1.3113	1.0977
1415.	806.3	-15.7	0.6	0.8	99.9	100.	1.5550	1.3112	1.0923
1450.	802.5	-15.8	0.9	1.1	99.9	100.	1.5406	1.2996	1.0876
1486.	798.7	-15.9	1.2	1.4	99.9	100.	1.5263	1.2881	1.0829
1521.	795.0	-16.0	1.4	1.6	99.9	100.	1.5122	1.2766	1.0783
1556.	791.3	-16.3	1.5	1.7	99.9	100.	1.4705	1.2428	1.0745
1591.	787.6	-16.6	1.5	1.7	99.9	100.	1.4295	1.2099	1.0707
1625.	784.1	-16.4	2.1	2.3	99.9	100.	1.4568	1.2317	1.0651
1662.	780.2	-16.6	2.2	2.4	99.9	100.	1.4299	1.2059	1.0606
1702.	776.1	-16.8	2.7	2.9	99.9	100.	1.4298	1.2098	1.0550
1739.	772.2	-17.0	2.6	2.8	99.9	100.	1.3773	1.1671	1.0513
1781.	767.9	-17.2	2.9	3.0	99.9	100.	1.3517	1.1463	1.0463
1821.	763.8	-17.5	3.0	3.1	99.9	100.	1.3141	1.1157	1.0419
1862.	759.6	-17.4	3.5	3.7	99.9	100.	1.3265	1.1258	1.0358
1904.	755.4	-17.7	3.6	3.8	99.9	100.	1.2895	1.0957	1.0312
1936.	752.2	-18.3	3.3	3.5	99.9	100.	1.2185	1.0377	1.0292
1972.	748.5	-18.4	3.6	3.7	99.9	100.	1.2070	1.0283	1.0246
2010.	744.7	-18.4	4.0	4.1	99.9	100.	1.2069	1.0282	1.0194
2050.	740.7	-18.7	4.1	4.2	-18.7	100.	1.1731	0.9989	1.0151
2090.	736.8	-19.1	4.1	4.2	99.9	100.	1.1296	0.9641	1.0113
2128.	733.0	-19.6	3.9	4.1	99.9	100.	1.0754	0.9204	1.0080
2169.	729.0	-20.1	3.8	4.0	99.9	100.	1.0245	0.8785	1.0045
2205.	725.4	-20.5	3.8	3.9	99.9	100.	0.9853	0.8462	1.0010
2242.	721.8	-20.1	4.6	4.7	99.9	100.	1.0234	0.8775	0.9945
2281.	718.0	-21.0	4.0	4.2	99.9	100.	0.9378	0.8069	0.9928
2322.	714.0	-21.1	4.4	4.5	99.9	100.	0.9282	0.7990	0.9876
2362.	710.1	-21.4	4.5	4.6	99.9	100.	0.9011	0.7765	0.9834
2402.	706.3	-21.5	4.8	4.9	99.9	99.	0.8918	0.7689	0.9785
2441.	702.6	-21.8	4.8	5.0	99.9	99.	0.8657	0.7472	0.9745
2480.	698.8	-22.3	4.7	4.9	99.9	99.	0.8240	0.7126	0.9711
2521.	694.9	-22.2	5.3	5.4	99.9	99.	0.8316	0.7189	0.9654
2559.	691.4	-21.7	6.3	6.4	99.9	99.	0.8726	0.7529	0.9586
2600.	687.5	-21.5	6.9	7.1	99.9	99.	0.8892	0.7666	0.9525
2637.	684.1	-21.4	7.4	7.6	99.9	99.	0.8974	0.7734	0.9474
2674.	680.6	-21.1	8.0	8.2	99.9	99.	0.9033	0.7948	0.9415
2714.	677.0	-20.9	8.4	8.6	-21.0	99.	0.9408	0.8084	0.9358
2753.	673.4	-21.0	9.1	9.3	-21.2	98.	0.9227	0.7936	0.9311
2794.	669.7	-21.1	9.5	9.6	-21.3	98.	0.9138	0.7862	0.9264
2834.	666.0	-21.4	9.8	9.7	-21.4	100.	0.9050	0.7789	0.9224
2931.	657.3	-22.1	9.9	10.0	99.9	100.	0.8424	0.7280	0.9128
2979.	653.0	-22.1	10.4	10.5	99.9	99.	0.8409	0.7267	0.9068
3020.	649.4	-22.6	10.3	10.4	99.9	99.	0.7996	0.6924	0.9036
3061.	645.8	-22.9	10.8	11.0	99.9	99.	0.8063	0.6979	0.8992
3103.	642.1	-22.9	11.3	11.4	-22.9	99.	0.8050	0.6962	0.8931
3143.	638.6	-23.4	10.7	10.9	99.9	99.	0.7377	0.6407	0.8914
3184.	635.0	-23.7	10.8	11.0	99.9	99.	0.7169	0.6235	0.8874
3225.	631.4	-23.7	11.3	11.4	99.9	99.	0.7177	0.6242	0.8824
3268.	627.7	-24.1	11.3	11.4	99.9	99.	0.6907	0.6016	0.8786
3307.	624.4	-24.2	11.6	11.8	99.9	100.	0.6946	0.5965	0.8743
3348.	620.9	-24.6	11.6	11.8	99.9	100.	0.6586	0.5748	0.8708
3387.	617.5	-24.8	12.1	12.2	99.9	100.	0.6593	0.5754	0.8669
3425.	614.3	-24.7	12.4	12.5	99.9	100.	0.6574	0.5765	0.8619
3464.	611.0	-24.5	13.1	13.2	-24.5	100.	0.6673	0.5815	0.8566
3507.	607.4	-25.1	12.9	13.0	99.9	100.	0.6276	0.5488	0.8536
3550.	603.8	-25.0	13.5	13.6	99.9	100.	0.6330	0.5533	0.8482
3590.	600.5	-25.3	13.6	13.7	99.9	100.	0.6154	0.5380	0.8446
3630.	596.7	-25.6	13.7	13.8	99.9	99.	0.5943	0.5207	0.8402
3676.	593.4	-26.3	13.4	13.5	99.9	98.	0.5531	0.4860	0.8379
3720.	589.8	-26.4	13.9	13.9	99.9	98.	0.5467	0.4806	0.8332
3759.	586.6	-26.9	14.1	14.2	-26.9	99.	0.5742	0.5034	0.8270
3809.	582.9	-26.5	14.6	14.7	99.9	99.	0.5422	0.4766	0.8237
3847.	579.5	-27.1	14.4	14.5	99.9	100.	0.5113	0.4507	0.8203
3887.	576.3	-27.2	14.7	14.8	99.9	100.	0.5074	0.4474	0.8167
3925.	573.3	-27.4	14.8	15.0	-27.4	100.	0.4993	0.4394	0.8131
3970.	569.7	-27.9	14.9	14.9	99.9	99.	0.4744	0.4162	0.8096
4014.	566.2	-28.3	14.9	15.0	99.9	98.	0.4449	0.3940	0.8060
4052.	563.2	-27.8	15.9	16.0	-28.1	97.	0.4639	0.4102	0.8021
4094.	559.9	-28.1	16.1	16.1	-28.6	95.	0.4427	0.3905	0.7983
4144.	556.0	-29.0	15.8	15.9	99.9	97.	0.4100	0.3641	0.7937
4179.	553.3	-29.3	15.8	15.9	99.9	98.	0.4030	0.3583	0.7908
4223.	549.9	-29.5	15.9	16.0	-29.5	100.	0.4010	0.3571	0.7866
4268.	546.4	-30.0	15.8	15.9	99.9	100.	0.3795	0.3386	0.7832
4306.	543.5	-30.5	15.7	15.7	99.9	99.	0.3598	0.3213	0.7800
4352.	540.0	-30.3	16.4	16.5	99.9	99.	0.3658	0.3266	0.7749
4397.	536.6	-30.9	16.2	16.3	99.9	99.	0.3404	0.3062	0.7719
4444.	533.0	-31.5	16.3	16.4	99.9	99.	0.3271	0.2952	0.7680
4494.	529.3	-31.9	16.2	16.2	99.9	98.	0.3068	0.2781	0.7644
4545.	525.5	-31.9	17.0	17.1	99.9	97.	0.3130	0.2829	0.7598
4625.	519.5	-31.8	17.7	17.8	-32.2	97.	0.3009	0.2721	0.7504
4666.	516.5	-32.7	17.2	17.3	99.9	97.	0.2711	0.2465	0.7485
4704.	513.7	-33.3	17.0	17.0	99.9	97.	0.2606	0.2375	0.7463

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4752.	510.2	-33.5	17.3	17.3	99.9	97.	0.2552	0.1483	0.7418
4794.	507.2	-33.5	17.8	17.8	99.9	97.	0.2552	0.1483	0.7374
4841.	503.8	-34.0	17.7	17.8	99.9	97.	0.2419	0.1405	0.7340
4875.	501.3	-34.5	17.5	17.6	99.9	97.	0.2292	0.1331	0.7319
4921.	498.0	-34.8	17.7	17.8	99.9	97.	0.2219	0.1289	0.7280
4965.	494.9	-35.2	17.7	17.8	99.9	97.	0.2125	0.1234	0.7247
5013.	491.5	-35.8	17.6	17.6	99.9	97.	0.1990	0.1156	0.7215
5055.	488.5	-36.5	17.2	17.3	99.9	97.	0.1843	0.1071	0.7192
5099.	485.4	-36.8	17.4	17.4	99.9	97.	0.1784	0.1036	0.7155
5139.	482.6	-36.8	17.9	17.9	99.9	97.	0.1784	0.1036	0.7114
5185.	479.4	-37.2	17.9	18.0	99.9	97.	0.1707	0.0991	0.7079
5228.	476.4	-37.8	17.7	17.8	99.9	97.	0.1597	0.0928	0.7052
5270.	473.5	-37.9	18.1	18.1	99.9	97.	0.1579	0.0917	0.7013
5317.	470.3	-37.9	18.7	18.7	99.9	97.	0.1579	0.0917	0.6965
5362.	467.2	-39.2	17.6	17.6	99.9	97.	0.1366	0.0793	0.6958
5411.	463.9	-39.6	17.7	17.7	99.9	97.	0.1305	0.0758	0.6920
5448.	461.4	-39.6	18.1	18.2	99.9	97.	0.1305	0.0758	0.6883
5494.	458.3	-39.5	18.8	18.9	99.9	97.	0.1320	0.0767	0.6834
5536.	455.5	-40.0	18.7	18.7	99.9	97.	0.1248	0.0725	0.6807
5585.	452.2	-40.4	18.8	18.8	99.9	97.	0.1192	0.0693	0.6769
5627.	449.4	-40.5	19.2	19.2	99.9	97.	0.1179	0.0685	0.6730
5673.	446.4	-40.7	19.5	19.5	99.9	97.	0.1152	0.0669	0.6691

SOUNDING 24.0
LATITUDE -62.1 LONGITUDE 1.2
DATE 11- 5-81 TIME 1755 GMT
NUMBER OF LEVELS 123

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	972.1	-5.5	-3.3	-3.0	-6.4	93.	3.5774	2.9059	1.2681
10.	970.9	-5.7	-3.4	-3.1	-6.7	92.	3.4857	2.8346	1.2675
81.	962.1	-6.8	-3.8	-3.5	-7.5	94.	3.2517	2.6523	1.2610
154.	953.1	-7.6	-3.9	-3.6	-8.1	96.	3.0856	2.5225	1.2528
225.	944.4	-8.3	-3.9	-3.6	-8.6	97.	2.9532	2.4188	1.2446
293.	936.2	-9.0	-4.0	-3.7	-9.1	99.	2.8260	2.3190	1.2370
362.	927.8	-9.6	-3.9	-3.6	-9.6	100.	2.7038	2.2229	1.2286
443.	918.1	-10.4	-3.9	-3.6	99.9	100.	2.5183	2.0825	1.2193
515.	909.5	-11.2	-4.0	-3.7	99.9	100.	2.3446	1.9444	1.2115
575.	902.4	-11.8	-4.1	-3.8	99.9	100.	2.2215	1.8464	1.2047
632.	895.8	-12.3	-4.0	-3.7	99.9	100.	2.1235	1.7681	1.1981
686.	889.4	-12.8	-3.9	-3.7	99.9	100.	2.0295	1.6929	1.1917
748.	882.2	-13.1	-3.6	-3.4	99.9	100.	1.9749	1.6492	1.1834
826.	873.2	-13.5	-3.2	-3.0	99.9	100.	1.9042	1.5925	1.1731
902.	864.5	-14.0	-3.0	-2.8	99.9	100.	1.8191	1.5242	1.1636
969.	856.9	-14.6	-2.9	-2.7	99.9	100.	1.7216	1.4457	1.1560
1011.	852.2	-13.8	-1.7	-1.5	99.9	100.	1.8526	1.5512	1.1462
1053.	847.5	-13.5	-0.9	-0.7	-13.5	100.	1.9040	1.5889	1.1386
1094.	842.9	-13.3	-0.3	-0.1	-13.4	99.	1.9214	1.6028	1.1316
1144.	837.4	-13.2	0.3	0.6	-13.4	98.	1.9213	1.6028	1.1238
1205.	830.7	-13.5	0.6	0.9	-13.5	100.	1.9039	1.5888	1.1161
1263.	824.3	-13.7	1.0	1.3	-13.7	100.	1.8694	1.5612	1.1083
1324.	817.7	-14.0	1.3	1.6	-14.0	100.	1.8187	1.5207	1.1007
1386.	811.1	-14.3	1.7	1.9	99.9	100.	1.7694	1.4844	1.0931
1449.	804.4	-14.7	1.9	2.1	99.9	100.	1.7055	1.4329	1.0857
1518.	797.0	-15.1	2.2	2.4	99.9	100.	1.6437	1.3830	1.0773
1577.	790.8	-15.4	2.5	2.7	99.9	100.	1.5987	1.3467	1.0701
1639.	784.4	-15.5	3.0	3.2	-15.5	100.	1.5839	1.3320	1.0619
1698.	778.2	-15.9	3.2	3.4	99.9	100.	1.5262	1.2880	1.0551
1758.	772.1	-16.2	3.5	3.7	99.9	100.	1.4841	1.2540	1.0480
1818.	765.9	-16.4	3.9	4.1	-16.4	100.	1.4567	1.2294	1.0404
1875.	760.1	-16.7	4.2	4.4	99.9	100.	1.4164	1.1990	1.0337
1935.	754.1	-17.0	4.5	4.7	99.9	100.	1.3772	1.1671	1.0267
1996.	748.0	-17.2	4.9	5.1	-17.2	100.	1.3516	1.1442	1.0192
2051.	742.5	-17.6	5.1	5.3	99.9	100.	1.3093	1.1044	1.0133
2114.	736.2	-17.8	5.5	5.7	99.9	100.	1.2744	1.0833	1.0054
2173.	730.4	-18.1	5.8	6.0	99.9	100.	1.2374	1.0531	0.9987
2232.	724.7	-18.5	6.0	6.2	99.9	100.	1.1901	1.0143	0.9924
2299.	718.2	-18.8	6.4	6.6	99.9	99.	1.1552	0.9857	0.9846
2363.	712.0	-19.0	6.9	7.1	99.9	99.	1.1320	0.9666	0.9769
2429.	705.7	-19.1	7.5	7.7	99.9	99.	1.1198	0.9566	0.9686
2494.	699.6	-18.9	8.4	8.6	-19.0	99.	1.1399	0.9718	0.9595
2558.	693.6	-19.0	9.0	9.2	-19.2	98.	1.1183	0.9542	0.9517
2631.	686.8	-19.4	9.3	9.5	-19.4	100.	1.0972	0.9369	0.9438
2694.	681.0	-19.7	9.7	9.9	-19.8	99.	1.0560	0.9031	0.9369
2761.	674.9	-20.1	10.0	10.1	-20.2	99.	1.0162	0.8705	0.9300
2830.	668.6	-20.6	10.2	10.3	-20.6	100.	0.9778	0.8389	0.9231
2900.	662.3	-21.2	10.3	10.4	99.9	100.	0.9222	0.7942	0.9165
2966.	656.4	-21.7	10.4	10.6	99.9	100.	0.8780	0.7576	0.9101
3040.	649.8	-22.3	10.6	10.7	99.9	100.	0.8276	0.7158	0.9031
3106.	644.0	-22.9	10.6	10.7	99.9	100.	0.7800	0.6762	0.8972
3174.	638.0	-23.5	10.7	10.8	99.9	100.	0.7348	0.6385	0.8909

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3239.	632.4	-24.0	10.8	11.0	99.9	100.	0.6990	0.6086	0.8848
3309.	626.3	-24.6	10.9	11.1	99.9	100.	0.6592	0.5744	0.8784
3370.	621.1	-25.1	11.0	11.2	99.9	100.	0.6256	0.5473	0.8728
3443.	614.8	-25.7	11.2	11.3	99.9	100.	0.5891	0.5162	0.8660
3513.	608.9	-26.2	11.4	11.5	99.9	99.	0.5594	0.4916	0.8594
3572.	604.0	-26.5	11.7	11.8	99.9	99.	0.5428	0.4773	0.8535
3636.	598.6	-26.9	12.0	12.1	99.9	99.	0.5210	0.4588	0.8473
3686.	594.5	-26.9	12.5	12.6	99.9	99.	0.5207	0.4586	0.8415
3807.	584.6	-27.3	13.4	13.5	99.9	99.	0.4995	0.4406	0.8288
3867.	579.7	-27.8	13.5	13.6	99.9	99.	0.4744	0.4193	0.8235
3928.	574.8	-28.1	13.9	14.0	99.9	99.	0.4599	0.4069	0.8175
3990.	569.8	-28.6	14.0	14.1	99.9	99.	0.4366	0.3872	0.8121
4050.	565.1	-29.1	14.1	14.2	99.9	99.	0.4145	0.3683	0.8070
4116.	559.9	-29.2	14.8	14.9	-29.3	99.	0.4108	0.3643	0.7999
4176.	555.2	-30.1	14.4	14.5	99.9	99.	0.3735	0.3332	0.7961
4235.	550.6	-30.6	14.5	14.5	99.9	99.	0.3546	0.3170	0.7911
4298.	545.7	-31.0	14.7	14.8	99.9	99.	0.3401	0.3045	0.7854
4355.	541.3	-31.5	14.8	14.9	99.9	99.	0.3227	0.2895	0.7806
4419.	536.4	-32.0	15.0	15.0	99.9	99.	0.3061	0.2752	0.7751
4480.	531.8	-32.6	14.9	15.0	99.9	99.	0.2873	0.2589	0.7704
4550.	526.5	-33.1	15.2	15.2	99.9	99.	0.2725	0.2461	0.7643
4624.	521.0	-33.6	15.4	15.5	99.9	99.	0.2583	0.2339	0.7579
4705.	515.0	-34.3	15.5	15.6	99.9	99.	0.2396	0.2175	0.7513
4766.	510.5	-35.0	15.4	15.5	99.9	99.	0.2222	0.2022	0.7469
4833.	505.6	-35.6	15.5	15.5	99.9	99.	0.2082	0.1900	0.7416
4895.	501.1	-35.7	16.1	16.1	99.9	99.	0.2059	0.1881	0.7353
4958.	496.6	-36.2	16.2	16.3	99.9	99.	0.1950	0.1784	0.7303
5021.	492.1	-36.9	16.1	16.2	99.9	99.	0.1806	0.1657	0.7258
5094.	486.9	-37.2	16.6	16.7	99.9	99.	0.1748	0.1605	0.7190
5160.	482.3	-37.9	16.6	16.6	99.9	99.	0.1617	0.1490	0.7143
5226.	477.7	-38.6	16.5	16.5	99.9	99.	0.1496	0.1382	0.7096
5286.	473.5	-38.9	16.9	16.9	99.9	99.	0.1447	0.1339	0.7043
5353.	468.9	-39.7	16.7	16.7	99.9	99.	0.1323	0.1228	0.6998
5413.	464.8	-40.3	17.0	17.1	99.9	99.	0.1275	0.1184	0.6946
5479.	460.3	-40.6	17.1	17.1	99.9	99.	0.1195	0.1113	0.6896
5546.	455.8	-41.3	17.0	17.1	99.9	99.	0.1103	0.1031	0.6850
5668.	447.6	-42.2	17.4	17.4	99.9	99.	0.0995	0.0934	0.6752
5729.	443.6	-42.9	17.3	17.3	99.9	99.	0.0918	0.0864	0.6712
5790.	439.6	-43.4	17.4	17.4	99.9	99.	0.0866	0.0817	0.6666
5854.	435.4	-43.8	17.7	17.7	99.9	99.	0.0827	0.0781	0.6614
5919.	431.2	-44.2	18.0	18.0	99.9	99.	0.0789	0.0747	0.6562
5983.	427.1	-45.1	17.6	17.6	99.9	99.	0.0710	0.0674	0.6525
6043.	423.3	-45.6	17.7	17.7	99.9	99.	0.0669	0.0637	0.6481
6096.	419.9	-46.1	17.8	17.8	99.9	99.	0.0633	0.0602	0.6443
6172.	415.1	-46.8	17.8	17.8	99.9	99.	0.0580	0.0555	0.6389
6299.	407.2	-48.1	17.7	17.8	99.9	99.	0.0496	0.0477	0.6304
6366.	403.1	-49.0	17.4	17.4	99.9	99.	0.0444	0.0429	0.6265
6421.	399.7	-49.6	17.3	17.3	99.9	100.	0.0413	0.0400	0.6229
6485.	395.8	-50.0	17.6	17.6	99.9	100.	0.0393	0.0382	0.6179
6555.	391.6	-50.8	17.5	17.5	99.9	100.	0.0356	0.0347	0.6136
6619.	387.7	-51.6	17.3	17.3	99.9	100.	0.0323	0.0315	0.6096
6697.	383.1	-52.1	17.6	17.6	99.9	100.	0.0302	0.0297	0.6038
6768.	378.9	-52.4	18.1	18.1	99.9	100.	0.0291	0.0286	0.5980
6835.	375.0	-52.9	18.3	18.3	99.9	100.	0.0273	0.0269	0.5931
6914.	370.4	-53.5	18.5	18.6	99.9	100.	0.0253	0.0250	0.5875
6973.	367.0	-54.3	18.2	18.3	99.9	100.	0.0229	0.0227	0.5842
7182.	355.2	-54.7	20.4	20.4	99.9	100.	0.0217	0.0216	0.5665
7240.	352.0	-55.3	20.4	20.4	99.9	100.	0.0201	0.0200	0.5629
7424.	341.9	-57.3	20.5	20.5	99.9	100.	0.0161	0.0162	0.5510
7484.	338.7	-57.5	20.6	20.6	99.9	100.	0.0151	0.0152	0.5471
7540.	335.7	-57.5	21.4	21.4	99.9	100.	0.0151	0.0152	0.5423
7659.	329.4	-58.5	21.6	21.6	99.9	100.	0.0132	0.0133	0.5346
7712.	326.6	-58.9	21.8	21.8	99.9	100.	0.0125	0.0127	0.5310
7807.	321.7	-60.1	21.4	21.4	99.9	100.	0.0107	0.0108	0.5260
7960.	313.9	-60.0	23.6	23.6	99.9	100.	0.0108	0.0110	0.5130
8034.	310.2	-59.9	24.4	24.5	99.9	100.	0.0110	0.0111	0.5067
8104.	306.7	-60.0	25.0	25.0	99.9	100.	0.0108	0.0110	0.5013
8157.	304.1	-60.3	25.9	25.9	99.9	100.	0.0104	0.0106	0.4977
8190.	302.5	-60.3	26.3	26.3	99.9	100.	0.0104	0.0106	0.4951
8357.	294.5	-61.2	27.4	27.4	-61.2	100.	0.0092	0.0094	0.4846
8426.	291.2	-63.2	25.5	25.5	-63.2	100.	0.0070	0.0072	0.4932

SOUNDING 25.0
LATITUDE -62.1 LONGITUDE 1.2
DATE 11- 5-81 TIME 2057 GMT
NUMBER OF LEVELS 199

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	975.1	-7.1	-5.2	-4.9	-10.1	77.	2.5870	2.1310	1.2789
30.	971.4	-7.5	-5.3	-5.0	99.9	84.	2.7187	2.2238	1.2761
101.	962.5	-8.1	-5.2	-4.9	-8.1	100.	3.0857	2.5226	1.2676

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
147.	956.8	-8.5	-5.1	-4.8	-8.6	99.	2.9533	2.4189	1.2619
197.	950.7	-9.0	-5.2	-4.9	-9.1	99.	2.8261	2.3191	1.2561
249.	944.3	-9.5	-5.1	-4.9	-9.5	100.	2.7280	2.2420	1.2499
290.	939.3	-9.9	-5.1	-4.9	-9.9	100.	2.6330	2.1672	1.2451
344.	932.7	-10.5	-5.2	-4.9	99.9	100.	2.4945	2.0634	1.2391
394.	926.6	-10.9	-5.1	-4.9	99.9	100.	2.4055	1.9927	1.2328
452.	919.7	-11.5	-5.2	-4.9	99.9	100.	2.2779	1.8911	1.2264
510.	912.7	-12.3	-5.1	-4.9	99.9	100.	2.1761	1.8099	1.2193
574.	905.1	-12.6	-5.1	-4.8	99.9	100.	2.0596	1.7167	1.2119
637.	897.6	-13.2	-5.1	-4.8	99.9	100.	1.9489	1.6280	1.2045
701.	890.1	-13.7	-4.9	-4.7	99.9	100.	1.8605	1.5571	1.1967
766.	882.5	-14.3	-4.9	-4.7	99.9	99.	1.7596	1.4759	1.1891
821.	876.1	-14.7	-4.7	-4.6	99.9	99.	1.6949	1.4238	1.1823
883.	869.0	-15.2	-4.6	-4.5	99.9	99.	1.6173	1.3611	1.1749
941.	862.3	-15.8	-4.7	-4.5	99.9	99.	1.5287	1.2894	1.1685
992.	856.5	-16.3	-4.7	-4.5	99.9	99.	1.4583	1.2323	1.1629
1045.	850.5	-15.5	-3.3	-3.1	-15.6	99.	1.5697	1.3206	1.1513
1085.	846.0	-14.6	-2.0	-1.8	-15.2	95.	1.6289	1.3683	1.1412
1122.	841.8	-13.9	-0.8	-0.6	-14.8	92.	1.6901	1.4175	1.1326
1164.	837.2	-14.2	-0.7	-0.5	-14.8	95.	1.6901	1.4175	1.1277
1203.	832.9	-14.3	-0.4	-0.2	-14.9	95.	1.6745	1.4050	1.1223
1244.	828.4	-14.6	-0.3	-0.1	-15.1	95.	1.6439	1.3803	1.1175
1284.	824.0	-14.8	-0.1	0.1	-15.2	96.	1.6288	1.3682	1.1125
1325.	819.6	-15.1	-0.0	0.2	-15.4	97.	1.5989	1.3441	1.1078
1363.	815.4	-15.3	0.2	0.4	-15.6	97.	1.5695	1.3204	1.1029
1405.	810.9	-15.6	0.3	0.5	-15.8	98.	1.5406	1.2972	1.0981
1442.	806.9	-16.0	0.3	0.4	-16.1	99.	1.4982	1.2629	1.0944
1481.	802.8	-16.2	0.4	0.6	-16.3	99.	1.4706	1.2406	1.0896
1517.	798.9	-16.3	0.7	0.9	-16.4	99.	1.4569	1.2295	1.0848
1558.	794.6	-16.5	0.9	1.1	-16.6	99.	1.4299	1.2077	1.0797
1597.	790.4	-16.8	1.0	1.2	99.9	99.	1.3904	1.1773	1.0753
1635.	786.5	-16.6	1.6	1.8	-16.7	99.	1.4166	1.1969	1.0692
1672.	782.6	-16.6	2.0	2.2	-16.7	99.	1.4166	1.1969	1.0639
1709.	778.7	-16.7	2.3	2.5	-16.8	99.	1.4034	1.1862	1.0590
1746.	774.9	-16.9	2.5	2.6	-16.9	100.	1.3903	1.1756	1.0546
1782.	771.2	-17.1	2.6	2.8	99.9	100.	1.3644	1.1567	1.0504
1822.	767.1	-17.3	2.8	3.0	99.9	100.	1.3390	1.1360	1.0456
1859.	763.3	-17.6	2.9	3.1	99.9	100.	1.3018	1.1056	1.0416
1896.	759.5	-17.8	3.1	3.2	99.9	100.	1.2774	1.0858	1.0372
1936.	755.5	-18.0	3.3	3.4	99.9	100.	1.2535	1.0663	1.0326
1971.	751.9	-18.2	3.4	3.6	99.9	100.	1.2301	1.0471	1.0284
2009.	748.1	-18.5	3.7	3.9	99.9	100.	1.2184	1.0376	1.0236
2046.	744.4	-18.6	3.8	4.0	99.9	100.	1.1843	1.0097	1.0197
2084.	740.6	-18.8	3.9	4.0	99.9	100.	1.1510	0.9824	1.0157
2121.	736.9	-19.1	4.0	4.2	99.9	100.	1.1293	0.9646	1.0114
2155.	733.6	-19.3	4.2	4.3	99.9	100.	1.1079	0.9471	1.0077
2193.	729.8	-19.6	4.3	4.4	99.9	100.	1.0766	0.9214	1.0036
2226.	726.6	-19.9	4.3	4.4	99.9	100.	1.0461	0.8963	1.0004
2256.	723.6	-20.2	4.3	4.4	99.9	100.	1.0164	0.8719	0.9974
2294.	719.9	-20.5	4.4	4.5	99.9	100.	0.9875	0.8480	0.9935
2331.	716.3	-20.7	4.5	4.7	99.9	100.	0.9686	0.8325	0.9893
2368.	712.7	-20.8	4.8	5.0	99.9	100.	0.9593	0.8249	0.9847
2409.	708.8	-20.9	5.2	5.3	99.9	100.	0.9500	0.8172	0.9797
2446.	705.3	-20.9	5.6	5.7	99.9	100.	0.9500	0.8172	0.9748
2483.	701.7	-20.9	6.0	6.1	99.9	100.	0.9500	0.8172	0.9699
2519.	698.3	-20.9	6.5	6.6	-20.9	100.	0.9592	0.8236	0.9648
2557.	694.7	-20.7	7.0	7.1	-20.8	99.	0.9592	0.8236	0.9595
2597.	691.0	-20.6	7.5	7.7	-20.7	99.	0.9685	0.8313	0.9540
2636.	687.9	-20.7	7.9	7.9	-20.7	100.	0.9685	0.8313	0.9501
2672.	684.3	-20.7	8.2	8.4	-20.7	100.	0.9685	0.8312	0.9447
2711.	680.4	-20.7	8.7	8.8	-20.7	100.	0.9684	0.8312	0.9397
2749.	676.9	-20.8	8.8	9.0	99.9	100.	0.9499	0.8171	0.9356
2790.	673.1	-21.0	9.2	9.3	-21.0	100.	0.9408	0.8084	0.9307
2828.	669.7	-21.2	9.4	9.5	99.9	100.	0.9227	0.7946	0.9268
2870.	665.9	-21.4	9.6	9.7	-21.4	100.	0.9050	0.7789	0.9222
2912.	662.1	-21.6	9.8	10.0	-21.6	100.	0.8876	0.7645	0.9177
2955.	658.2	-21.8	10.1	10.2	-21.8	100.	0.8705	0.7504	0.9130
3002.	654.0	-22.1	10.3	10.4	99.9	100.	0.8454	0.7291	0.9080
3047.	650.0	-22.4	10.4	10.6	99.9	100.	0.8209	0.4768	0.9035
3086.	646.6	-22.6	10.6	10.8	99.9	100.	0.8050	0.4676	0.8995
3123.	643.3	-22.8	10.7	10.8	99.9	100.	0.7817	0.4540	0.8960
3162.	639.9	-23.0	10.8	10.9	99.9	100.	0.7585	0.4408	0.8923
3199.	636.7	-23.2	10.9	11.0	99.9	100.	0.7364	0.4280	0.8889
3240.	633.1	-23.7	11.1	11.2	99.9	100.	0.7024	0.4196	0.8846
3277.	629.9	-24.1	11.0	11.2	99.9	100.	0.6844	0.4033	0.8815
3315.	626.6	-24.4	11.1	11.2	99.9	100.	0.6747	0.3915	0.8779
3355.	623.2	-24.7	11.2	11.3	99.9	100.	0.6541	0.3799	0.8742
3394.	619.8	-25.0	11.3	11.4	99.9	100.	0.6349	0.3687	0.8705
3435.	616.3	-25.3	11.4	11.6	99.9	100.	0.6161	0.3578	0.8666
3472.	613.2	-25.6	11.5	11.6	99.9	100.	0.5976	0.3472	0.8633
3511.	609.9	-25.9	11.5	11.7	99.9	100.	0.5801	0.3369	0.8596
3551.	606.5	-26.2	11.5	11.8	99.9	100.	0.5743	0.3335	0.8552
3586.	603.4	-26.4	11.5	12.0	99.9	100.	0.5515	0.3204	0.8522
3629.	600.0	-26.6	12.1	12.2	99.9	100.	0.5405	0.3139	0.8481
3668.	596.8	-26.9	12.2	12.3	99.9	100.	0.5242	0.3045	0.8446

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3704.	593.8	-27.3	12.2	12.3	99.9	100.	0.5034	0.2924	0.8417
3744.	590.5	-27.6	12.3	12.4	99.9	100.	0.4883	0.2836	0.8380
3783.	587.3	-27.9	12.4	12.5	99.9	100.	0.4735	0.2750	0.8345
3818.	584.4	-28.3	12.3	12.4	99.9	100.	0.4545	0.2640	0.8317
3858.	581.2	-28.5	12.5	12.6	99.9	100.	0.4453	0.2586	0.8278
3894.	578.3	-28.7	12.7	12.8	99.9	100.	0.4362	0.2534	0.8244
3929.	575.4	-28.9	12.9	12.9	99.9	100.	0.4273	0.2482	0.8209
3968.	572.3	-29.2	13.0	13.0	99.9	100.	0.4143	0.2406	0.8175
4009.	569.0	-29.4	13.2	13.3	99.9	100.	0.4058	0.2357	0.8134
4046.	566.1	-29.6	13.4	13.5	99.9	100.	0.3975	0.2309	0.8099
4085.	563.0	-29.9	13.5	13.5	99.9	100.	0.3853	0.2238	0.8065
4124.	559.9	-30.0	13.8	13.9	99.9	100.	0.3813	0.2215	0.8024
4163.	556.8	-30.2	14.0	14.1	99.9	100.	0.3734	0.2169	0.7986
4203.	553.7	-30.5	14.1	14.2	99.9	100.	0.3619	0.2102	0.7951
4243.	550.6	-30.8	14.2	14.3	99.9	100.	0.3507	0.2037	0.7916
4284.	547.4	-31.1	14.4	14.4	99.9	100.	0.3399	0.1974	0.7880
4324.	544.3	-31.4	14.5	14.5	99.9	100.	0.3293	0.1913	0.7845
4365.	541.2	-31.7	14.6	14.6	99.9	100.	0.3191	0.1853	0.7810
4403.	538.3	-32.0	14.7	14.7	99.9	100.	0.3091	0.1795	0.7778
4442.	535.3	-32.4	14.6	14.7	99.9	100.	0.2963	0.1721	0.7747
4483.	532.2	-32.7	14.8	14.8	99.9	100.	0.2870	0.1667	0.7712
4523.	529.2	-32.9	15.0	15.0	99.9	100.	0.2809	0.1632	0.7675
4564.	526.1	-33.1	15.2	15.3	99.9	100.	0.2750	0.1597	0.7636
4603.	523.2	-33.4	15.3	15.4	99.9	100.	0.2663	0.1547	0.7604
4642.	520.3	-33.7	15.4	15.5	99.9	100.	0.2579	0.1498	0.7571
4686.	517.0	-34.1	15.5	15.5	99.9	100.	0.2471	0.1435	0.7536
4736.	513.3	-34.4	15.7	15.7	99.9	100.	0.2392	0.1389	0.7491
4781.	510.0	-34.7	15.9	15.9	99.9	100.	0.2316	0.1345	0.7452
4820.	507.2	-35.0	16.0	16.0	99.9	100.	0.2242	0.1302	0.7420
4861.	504.2	-35.3	16.1	16.1	99.9	100.	0.2170	0.1260	0.7386
4898.	501.5	-35.6	16.2	16.2	99.9	100.	0.2100	0.1220	0.7356
4941.	498.4	-35.8	16.4	16.5	99.9	100.	0.2055	0.1193	0.7316
4980.	495.6	-36.2	16.4	16.4	99.9	100.	0.1967	0.1142	0.7287
5021.	492.7	-36.5	16.5	16.6	99.9	100.	0.1903	0.1105	0.7254
5063.	489.7	-36.8	16.7	16.7	99.9	100.	0.1841	0.1069	0.7219
5100.	487.1	-37.1	16.7	16.8	99.9	100.	0.1781	0.1035	0.7190
5142.	484.1	-37.4	16.9	16.9	99.9	100.	0.1723	0.1001	0.7154
5182.	481.3	-37.7	17.0	17.0	99.9	100.	0.1667	0.0968	0.7122
5223.	478.5	-38.1	17.2	17.0	99.9	100.	0.1594	0.0926	0.7093
5264.	475.6	-38.4	17.1	17.1	99.9	100.	0.1542	0.0896	0.7059
5306.	472.7	-38.7	17.2	17.3	99.9	100.	0.1491	0.0866	0.7025
5348.	469.8	-39.0	17.4	17.4	99.9	100.	0.1442	0.0837	0.6990
5391.	466.9	-39.4	17.4	17.4	99.9	100.	0.1378	0.0801	0.6959
5429.	464.3	-39.8	17.4	17.4	99.9	100.	0.1317	0.0765	0.6932
5469.	461.6	-40.2	17.6	17.6	99.9	100.	0.1288	0.0748	0.6898
5509.	458.9	-40.3	17.7	17.7	99.9	100.	0.1245	0.0723	0.6866
5552.	456.0	-40.7	17.7	17.8	99.9	100.	0.1190	0.0691	0.6835
5589.	453.5	-40.9	18.0	18.0	99.9	100.	0.1163	0.0675	0.6803
5628.	450.9	-41.3	17.9	18.0	99.9	100.	0.1111	0.0645	0.6776
5669.	448.2	-41.6	18.0	18.1	99.9	100.	0.1073	0.0623	0.6744
5705.	445.8	-41.9	18.1	18.1	99.9	100.	0.1037	0.0602	0.6716
5743.	443.3	-42.2	18.2	18.2	99.9	100.	0.1002	0.0582	0.6687
5781.	440.8	-42.5	18.3	18.3	99.9	100.	0.0968	0.0562	0.6658
5821.	438.2	-42.7	18.5	18.6	99.9	100.	0.0945	0.0549	0.6625
5859.	435.8	-43.1	18.5	18.5	99.9	100.	0.0903	0.0524	0.6600
5900.	433.1	-43.5	18.5	18.5	99.9	100.	0.0861	0.0500	0.6570
5937.	430.7	-43.8	18.6	18.6	99.9	100.	0.0832	0.0483	0.6542
5976.	428.2	-44.2	18.6	18.6	99.9	100.	0.0794	0.0461	0.6516
6017.	425.6	-44.5	18.7	18.7	99.9	100.	0.0766	0.0445	0.6485
6055.	423.2	-44.9	18.8	18.7	99.9	100.	0.0731	0.0424	0.6459
6089.	421.0	-45.3	18.8	18.6	99.9	100.	0.0697	0.0405	0.6437
6131.	418.4	-45.6	18.7	18.7	99.9	100.	0.0673	0.0391	0.6406
6162.	416.4	-45.8	18.8	18.9	99.9	100.	0.0657	0.0382	0.6381
6201.	414.0	-46.1	18.9	19.0	99.9	100.	0.0634	0.0368	0.6352
6241.	411.5	-46.4	19.1	19.1	99.9	100.	0.0612	0.0355	0.6322
6277.	409.3	-46.8	19.0	19.0	99.9	100.	0.0583	0.0339	0.6300
6315.	406.9	-47.0	19.2	19.2	99.9	100.	0.0569	0.0331	0.6268
6351.	404.7	-47.4	19.2	19.2	99.9	100.	0.0542	0.0315	0.6245
6387.	402.5	-47.7	19.2	19.2	99.9	100.	0.0523	0.0304	0.6220
6420.	400.5	-48.0	19.2	19.3	99.9	100.	0.0504	0.0293	0.6197
6464.	397.8	-48.4	19.3	19.3	99.9	100.	0.0480	0.0279	0.6166
6500.	395.7	-48.8	19.3	19.3	99.9	100.	0.0457	0.0266	0.6138
6539.	393.3	-49.1	19.3	19.3	99.9	100.	0.0441	0.0256	0.6115
6582.	390.8	-49.6	19.3	19.3	99.9	100.	0.0415	0.0241	0.6085
6621.	388.4	-49.7	19.6	19.6	99.9	100.	0.0410	0.0238	0.6055
6665.	385.8	-50.0	19.8	19.8	99.9	100.	0.0395	0.0229	0.6023
6701.	383.7	-50.3	19.8	19.8	99.9	100.	0.0380	0.0221	0.5998
6745.	381.1	-50.7	19.8	19.8	99.9	100.	0.0362	0.0210	0.5968
6789.	378.5	-50.9	20.2	20.2	99.9	100.	0.0353	0.0205	0.5933
6832.	376.0	-51.3	20.2	20.2	99.9	100.	0.0336	0.0195	0.5904
6877.	373.4	-51.6	20.4	20.4	99.9	100.	0.0323	0.0188	0.5871
6919.	371.0	-51.8	20.5	20.5	99.9	100.	0.0311	0.0181	0.5842
6966.	368.3	-52.2	20.7	20.8	99.9	100.	0.0301	0.0174	0.5807
7007.	366.0	-52.7	20.6	20.6	99.9	100.	0.0282	0.0164	0.5784
7049.	363.6	-52.9	20.9	20.9	99.9	100.	0.0275	0.0159	0.5751

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
7104.	360.5	-53.3	21.1	21.1	99.9	100.	0.0261	0.0152	0.5712
7152.	357.8	-53.6	21.3	21.3	99.9	100.	0.0251	0.0146	0.5677
7194.	355.5	-54.0	21.3	21.3	99.9	100.	0.0239	0.0139	0.5651
7233.	353.3	-54.4	21.3	21.3	99.9	100.	0.0227	0.0132	0.5626
7281.	350.7	-54.8	21.4	21.4	99.9	100.	0.0215	0.0125	0.5595
7328.	348.1	-55.0	21.7	21.7	99.9	100.	0.0210	0.0122	0.5559
7378.	345.4	-55.4	21.9	21.9	99.9	100.	0.0199	0.0116	0.5526
7422.	343.0	-55.8	21.9	21.9	99.9	100.	0.0189	0.0110	0.5498
7474.	340.2	-56.2	22.0	22.0	99.9	100.	0.0179	0.0104	0.5463
7521.	337.7	-56.1	22.8	22.8	99.9	100.	0.0182	0.0106	0.5428
7562.	335.5	-56.4	22.9	23.0	99.9	100.	0.0175	0.0102	0.5392
7610.	333.0	-56.9	22.9	22.9	99.9	100.	0.0164	0.0095	0.5364
7661.	330.3	-57.1	23.3	23.3	99.9	100.	0.0159	0.0093	0.5326
7690.	328.8	-57.4	23.3	23.3	99.9	100.	0.0153	0.0089	0.5309
7753.	325.5	-57.6	23.9	23.9	99.9	100.	0.0149	0.0087	0.5261
7792.	323.5	-57.9	24.0	24.0	99.9	100.	0.0143	0.0083	0.5236
7829.	321.6	-58.2	24.1	24.1	99.9	100.	0.0138	0.0080	0.5212
7868.	319.6	-58.4	24.3	24.3	99.9	100.	0.0134	0.0078	0.5185
7914.	317.3	-58.7	24.5	24.5	99.9	100.	0.0129	0.0075	0.5154
7961.	314.9	-59.0	24.7	24.7	99.9	100.	0.0124	0.0072	0.5123
8011.	312.4	-59.3	25.0	25.0	99.9	100.	0.0119	0.0069	0.5089
8055.	310.2	-59.6	25.2	25.2	99.9	100.	0.0114	0.0066	0.5060
8086.	308.7	-59.9	25.2	25.2	99.9	100.	0.0110	0.0064	0.5043
8155.	305.3	-60.1	25.8	25.8	99.9	100.	0.0107	0.0062	0.4992
8206.	302.8	-60.5	26.0	26.0	99.9	100.	0.0101	0.0059	0.4960
8218.	302.2	-60.9	25.6	25.6	99.9	100.	0.0096	0.0056	0.4960

SOUNDING 26.0
LATITUDE -60.1 LONGITUDE 0.3
DATE 11-11-81 TIME 0639 GMT
NUMBER OF LEVELS 30

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.2	-1.8	-2.0	-1.5	-1.8	100.	5.2877	4.2224	1.2921
16.	1001.2	-1.8	-1.9	-1.4	99.9	100.	5.2877	4.2448	1.2896
78.	993.4	-2.4	-1.9	-1.4	99.9	100.	5.0287	4.0449	1.2822
126.	987.4	-2.8	-1.8	-1.3	99.9	100.	4.8624	3.9164	1.2762
230.	974.5	-3.2	-1.2	-0.7	99.9	100.	4.7011	3.7917	1.2613
282.	968.1	-3.2	-0.7	-0.2	-3.2	100.	4.7010	3.7733	1.2531
332.	962.0	-3.1	-0.1	0.4	99.9	100.	4.7194	3.8057	1.2448
454.	947.3	-2.4	1.6	2.4	99.9	98.	4.9501	3.9824	1.2228
672.	921.7	0.0	6.4	7.1	99.9	97.	5.9218	4.7282	1.1802
715.	916.8	0.6	7.5	8.2	99.9	96.	6.1606	4.9092	1.1716
842.	902.4	0.6	8.7	9.5	99.9	95.	6.0882	4.8517	1.1532
934.	892.1	0.6	9.7	10.4	-0.2	94.	6.0358	4.7915	1.1400
1752.	805.4	-0.9	16.5	17.2	99.9	97.	5.4995	4.4071	1.0350
2742.	710.3	-7.5	19.8	20.3	99.9	100.	3.2325	2.6487	0.9341
2783.	706.6	-7.4	20.3	20.8	99.9	100.	3.2447	2.6743	0.9289
2904.	695.7	-7.8	21.2	21.7	-7.8	100.	3.1642	2.5838	0.9159
2950.	691.6	-8.0	21.4	22.0	-8.0	100.	3.1093	2.5409	0.9112
2984.	688.6	-8.2	21.6	22.1	-8.2	100.	3.0554	2.4987	0.9079
3072.	680.8	-8.7	22.0	22.5	99.9	100.	2.9241	2.4062	0.8992
3115.	677.0	-8.9	22.2	22.7	-8.9	100.	2.8731	2.3559	0.8948
3151.	673.9	-9.5	22.0	22.4	-9.9	97.	2.6301	2.1648	0.8926
3197.	669.9	-9.9	22.0	22.5	-9.9	100.	2.6300	2.1648	0.8886
3242.	666.0	-10.0	22.4	22.8	-10.0	100.	2.6067	2.1464	0.8838
3282.	662.5	-10.4	22.4	22.8	-10.4	100.	2.5156	2.0745	0.8804
3451.	648.1	-11.5	23.0	23.4	99.9	100.	2.2798	1.8947	0.8648
3576.	637.6	-11.8	24.0	24.4	99.9	100.	2.2191	1.8462	0.8517
3670.	629.8	-12.5	24.3	24.7	-12.5	100.	2.0852	1.7317	0.8435
3716.	626.0	-12.9	24.5	24.8	-12.8	100.	2.0273	1.6872	0.8393
3745.	623.6	-13.2	24.3	24.7	-13.2	100.	1.9549	1.6295	0.8373
3799.	619.2	-14.4	23.6	23.9	99.9	100.	1.7518	1.0175	0.8347

SOUNDING 27.0
LATITUDE -60.1 LONGITUDE 0.2
DATE 11-11-81 TIME 0849 GMT
NUMBER OF LEVELS 60

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1005.0	-0.2	-0.6	0.0	-0.2	100.	6.0386	4.7937	1.2875
8.	1004.0	-0.1	-0.4	0.2	-0.3	98.	5.9490	4.7561	1.2857
12.	1003.5	0.1	-0.2	0.4	-0.3	97.	5.9089	4.7560	1.2841
18.	1002.8	0.3	0.1	0.7	-0.3	95.	5.9889	4.7562	1.2823
25.	1001.9	0.2	0.1	0.7	-0.4	95.	5.9887	4.7186	1.2815
26.	1001.8	0.3	0.2	0.8	-0.3	95.	5.9888	4.7562	1.2818
29.	1001.4	0.0	-0.1	0.5	-0.5	96.	5.8407	4.6015	1.2818

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
32.	1001.0	-0.1	-0.2	0.4	-0.5	97.	5.8907	4.6815	1.2818
36.	1000.5	-0.2	-0.2	0.4	-0.5	98.	5.8907	4.6815	1.2816
37.	1000.4	-0.1	-0.1	0.5	-0.6	96.	5.8422	4.6446	1.2810
41.	999.9	-0.2	-0.2	0.4	-0.6	97.	5.8422	4.6446	1.2808
42.	999.7	-0.1	-0.1	0.5	-0.4	98.	5.9396	4.7186	1.2801
43.	999.6	-0.2	-0.2	0.4	-0.5	98.	5.8907	4.6815	1.2804
65.	997.1	-0.1	0.1	0.7	-0.5	97.	5.8906	4.6814	1.2768
137.	990.9	-0.7	0.2	0.9	-0.8	99.	5.7460	4.5714	1.2677
196.	985.6	-1.1	0.4	1.0	-1.2	99.	5.5582	4.4286	1.2601
253.	979.6	-1.4	0.7	1.3	-1.5	99.	5.4210	4.3240	1.2524
325.	973.1	-1.6	1.0	1.5	-1.8	100.	5.2869	4.2217	1.2432
390.	967.0	-2.2	1.0	1.8	-2.2	100.	5.1129	4.0888	1.2345
453.	961.4	-2.1	1.9	2.5	99.9	100.	5.1557	4.1440	1.2243
515.	955.1	-1.6	3.1	3.7	99.9	100.	5.3753	4.3138	1.2129
577.	949.8	-1.2	4.1	4.7	99.9	100.	5.5571	4.4542	1.2019
631.	945.5	-0.8	5.0	5.7	-0.8	100.	5.7445	4.5703	1.1922
682.	941.5	-0.5	5.9	6.5	-0.6	99.	5.8403	4.6431	1.1833
775.	934.1	-0.2	7.1	7.8	99.9	97.	5.8312	4.6589	1.1685
826.	930.1	0.0	7.8	8.5	-0.6	95.	5.8399	4.6428	1.1602
875.	926.6	0.0	8.3	9.0	-0.6	95.	5.8398	4.6427	1.1532
927.	922.7	-0.2	8.6	9.3	-0.5	98.	5.8881	4.6794	1.1466
985.	918.3	-0.3	9.1	9.8	-0.5	98.	5.8880	4.6793	1.1388
1041.	914.0	-0.5	9.5	10.2	-0.6	99.	5.8393	4.6423	1.1316
1095.	909.9	-0.7	9.8	10.5	-0.7	100.	5.7910	4.6056	1.1248
1143.	906.3	-0.7	10.3	11.0	-0.7	100.	5.7909	4.6055	1.1182
1194.	902.3	-0.7	10.8	11.5	-0.7	100.	5.7908	4.6054	1.1110
1269.	896.7	-0.7	11.5	12.2	-0.7	100.	5.7906	4.6053	1.1019
1320.	891.8	-0.8	12.0	12.7	-0.8	100.	5.7427	4.5689	1.0941
1385.	886.9	-0.9	12.5	13.3	99.9	100.	5.6951	4.5634	1.0857
1432.	883.4	-0.9	13.0	13.7	99.9	100.	5.6950	4.5635	1.0793
1538.	875.4	-1.2	13.4	14.2	99.9	100.	5.5548	4.4556	1.0707
1697.	863.4	-1.8	14.2	15.5	99.9	100.	5.2835	4.2467	1.0472
1878.	850.1	-2.5	15.2	16.6	99.9	100.	4.9825	4.0141	1.0261
1955.	844.1	-2.7	16.5	17.9	99.9	100.	4.8994	3.9499	1.0165
2546.	799.3	-5.8	19.4	20.9	99.9	100.	3.7634	3.0660	0.9534
2746.	784.2	-6.9	21.3	21.9	-6.9	100.	3.6989	3.0001	0.9304
2932.	770.5	-6.5	22.8	23.3	-6.5	100.	3.5425	2.8786	0.9102
3076.	759.8	-7.1	23.7	24.2	-7.1	100.	3.3629	2.7388	0.8955
3142.	754.8	-7.4	24.2	24.8	-7.4	100.	3.2762	2.6713	0.8888
3209.	749.8	-7.7	24.4	25.0	-7.7	100.	3.1918	2.6052	0.8821
3346.	739.5	-8.2	25.4	25.9	-8.2	100.	3.0550	2.4984	0.8683
3411.	734.8	-8.5	25.8	26.3	99.9	99.	2.9498	2.4261	0.8620
3477.	729.9	-8.6	26.4	26.9	-8.8	98.	2.8991	2.3755	0.8552
3532.	725.9	-8.9	26.6	27.1	-9.2	97.	2.7977	2.2967	0.8498
3589.	721.7	-9.4	27.0	27.5	99.9	94.	2.5717	2.1214	0.8446
3767.	708.6	-9.6	28.5	28.9	-10.6	91.	2.4708	2.0391	0.8263
3823.	704.4	-10.1	28.5	29.0	-10.9	93.	2.4054	1.9875	0.8219
4069.	686.6	-11.7	29.4	29.8	99.9	93.	2.0847	1.7109	0.8001
4362.	667.0	-13.9	30.2	30.5	99.9	93.	1.7075	0.9918	0.7763
4491.	658.2	-15.1	30.3	30.6	99.9	93.	1.5291	0.8882	0.7666
4686.	644.7	-16.5	30.9	31.1	99.9	93.	1.3427	0.7799	0.7519
4908.	630.6	-18.0	31.6	31.9	99.9	93.	1.1660	0.6774	0.7333
5312.	604.2	-19.7	34.4	34.6	99.9	93.	0.9521	0.5762	0.6991

SOUNDING 28.1
LATITUDE -60.1 LONGITUDE 0.4
DATE 11-11-71 TIME 1454 GMT
NUMBER OF LEVELS 56

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
6.	1004.3	1.2	0.8	1.5	0.5	95.	6.3141	5.0392	1.2805
8.	1004.1	1.4	1.1	1.7	0.6	94.	6.4133	5.0739	1.2791
9.	1003.7	1.7	1.4	2.1	0.8	94.	6.5335	5.1440	1.2773
72.	995.5	1.2	0.6	1.5	0.2	1[illegible]	6.2272	4.9362	1.2736
128.	988.5	-0.4	0.6	1.2	-0.5	100.	5.9881	4.7557	1.2668
185.	981.6	-0.7	0.8	1.4	-0.7	100.	5.7936	4.6076	1.2589
244.	974.3	-1.1	0.8	1.5	-1.1	100.	5.6044	4.4637	1.2521
297.	967.9	-1.5	1.0	1.6	-1.5	100.	5.4230	4.3230	1.2455
351.	961.5	-0.4	2.7	3.2	-1.0	95.	5.6981	4.4991	1.2325
393.	956.6	2.2	2.8	3.6	0.8	90.	5.5495	5.1785	1.2146
433.	951.8	2.7	2.8	3.7	1.8	84.	6.9868	5.5061	1.2075
522.	941.2	3.8	3.4	4.5	2.9	82.	7.2735	5.7431	1.1905
578.	935.7	4.1	3.8	4.9	3.2	81.	7.3442	5.7731	1.1823
664.	924.5	4.1	10.4	11.0	99.9	83.	7.6357	6.0172	1.1681
813.	907.8	3.7	11.2	11.8	99.9	87.	7.6788	5.9703	1.1491
864.	902.4	3.6	11.4	12.0	99.9	85.	6.5493	5.1775	1.1427
954.	892.8	3.5	11.4	12.0	99.9	84.	6.2240	4.9344	1.1330
995.	887.8	3.5	11.5	12.0	99.9	87.	6.1799	4.9005	1.1292
1177.	866.4	-0.2	10.6	11.0	99.9	82.	5.4997	4.3848	1.1131
1215.	862.4	-0.3	11.0	12.0	-1.1	83.	5.6 19	4.4617	1.1064
1960.	784.0	-2.1	17.2	17.7	-2.3	76.	3.9294	3.1787	1.0134

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2386.	745.6	-2.9	20.7	21.3	-6.3	75.	3.6050	2.9272	0.9640
2412.	743.2	-3.2	20.7	21.2	99.9	75.	3.5045	2.8263	0.9619
2467.	738.0	-3.3	21.2	21.7	-6.8	74.	3.4523	2.8085	0.9555
2532.	732.4	-3.5	22.3	22.8	99.9	76.	3.4682	2.8165	0.9413
3596.	639.0	-8.1	28.1	28.6	99.9	93.	2.8599	2.3477	0.8422
3646.	634.9	-8.2	28.5	29.0	99.9	94.	2.8595	2.3491	0.8371
3695.	630.9	-8.3	28.4	28.9	99.9	94.	2.7365	2.2528	0.8337
3787.	623.4	-9.3	28.8	29.3	99.9	96.	2.6613	2.1949	0.8253
3832.	619.8	-9.4	29.2	29.7	99.9	97.	2.6585	2.1935	0.8208
3871.	616.7	-9.7	29.3	29.8	-10.0	97.	2.6062	2.1460	0.8176
3921.	612.7	-10.2	29.3	29.7	-10.8	95.	2.4270	2.0045	0.8137
3970.	608.8	-10.2	29.8	30.3	-11.1	92.	2.3627	1.9536	0.8085
4009.	605.7	-10.3	30.2	30.6	-11.6	89.	2.2590	1.8715	0.8046
4226.	588.8	-11.8	30.9	31.2	99.9	64.	1.4145	1.1756	0.7860
4281.	584.6	-12.5	30.7	30.9	-18.5	57.	1.1948	1.0166	0.7823

SOUNDING 29.0
LATITUDE -60.0 LONGITUDE 0.2
DATE 11-11-81 TIME 1755 GMT
NUMBER OF LEVELS 14

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.4	0.6	0.3	1.0	0.2	97.	6.2273	4.9363	1.2818
14.	1001.6	1.0	0.9	1.5	0.3	95.	6.2726	4.9704	1.2777
79.	993.6	-0.1	0.4	1.0	-0.1	100.	6.0883	4.8314	1.2725
139.	986.1	-0.4	0.7	1.3	-0.5	99.	5.8904	4.6812	1.2641
205.	978.0	-0.4	1.3	2.0	-0.6	99.	5.8417	4.6442	1.2538
269.	970.2	0.7	3.1	3.7	0.0	95.	6.1369	4.8682	1.2390
397.	955.0	4.6	8.2	9.2	3.7	94.	7.9960	6.2582	1.2040
458.	947.9	4.6	8.9	9.8	4.0	96.	8.1664	6.3846	1.1953
582.	933.5	4.5	9.5	10.4	99.9	97.	7.9050	6.2330	1.1796
638.	927.1	3.8	9.9	10.8	3.4	97.	7.8278	6.1332	1.1723
701.	920.0	4.1	10.8	11.7	3.5	96.	7.8831	6.1742	1.1621
874.	900.6	4.4	12.8	13.8	3.7	95.	7.9945	6.2570	1.1366
882.	899.7	4.3	12.6	13.8	99.9	95.	7.9386	6.2110	1.1343
1133.	872.3	3.3	14.3	15.2	99.9	95.	7.3983	4.2972	1.1035

SOUNDING 30.0
LATITUDE -60.0 LONGITUDE 0.3
DATE 11-11-81 TIME 2056 GMT
NUMBER OF LEVELS 198

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1000.5	0.5	0.5	1.1	0.1	97.	6.1823	4.9024	1.2786
20.	998.8	0.2	0.4	1.0	0.0	99.	6.1375	4.8686	1.2767
82.	993.2	-0.1	0.7	1.3	-0.2	99.	6.0382	4.7934	1.2682
140.	988.2	-0.5	0.8	1.4	-0.5	100.	5.8903	4.6811	1.2609
205.	982.2	-0.6	1.4	2.0	-0.6	100.	5.8410	4.6441	1.2511
265.	976.9	-0.6	2.0	2.6	-0.7	99.	5.7933	4.6074	1.2417
322.	971.0	1.3	4.4	5.1	-0.1	90.	6.0875	4.8308	1.2246
358.	967.7	3.0	6.5	7.3	1.6	91.	6.8876	5.4318	1.2123
395.	964.4	3.8	7.7	8.5	2.8	93.	7.5029	5.8914	1.2039
432.	961.1	5.7	10.2	10.9	4.3	91.	8.3402	6.5134	1.1909
478.	957.1	5.9	10.6	11.6	5.2	95.	8.8811	6.9135	1.1843
522.	953.7	6.1	11.3	12.3	5.4	95.	9.0054	7.0051	1.1768
566.	950.2	6.1	11.7	12.8	5.4	95.	9.0052	7.0050	1.1705
613.	946.3	5.9	12.0	13.0	5.2	95.	8.8807	6.9131	1.1645
658.	942.3	5.6	12.1	13.1	4.9	95.	8.6968	6.7773	1.1594
703.	938.2	5.4	12.4	13.4	4.7	95.	8.5760	6.6880	1.1538
752.	933.7	5.2	12.6	13.6	4.4	95.	8.3978	6.5560	1.1476
796.	930.0	5.0	12.9	13.9	4.1	94.	8.2228	6.4264	1.1421
839.	926.0	4.8	13.1	14.1	3.7	93.	7.9945	6.2570	1.1368
888.	921.6	5.0	13.8	14.7	3.2	88.	7.7171	6.0508	1.1290
929.	918.1	5.2	14.4	15.3	2.8	84.	7.5013	5.8902	1.1224
973.	914.3	5.2	14.9	15.8	2.4	82.	7.2909	5.7332	1.1162
1019.	910.4	5.1	15.2	16.1	2.1	81.	7.1365	5.6179	1.1104
1065.	906.4	4.9	15.5	16.4	1.8	80.	6.9850	5.5047	1.1048
1109.	902.7	4.7	15.7	16.6	1.5	80.	6.8364	5.3934	1.0996
1155.	898.8	4.6	16.1	16.9	1.3	79.	6.7338	5.3203	1.0937
1209.	894.0	4.3	16.3	17.2	1.1	80.	6.6424	5.2481	1.0876
1256.	890.1	4.1	16.6	17.4	0.7	78.	6.4535	5.1062	1.0820
1299.	886.5	3.9	16.8	17.6	0.3	77.	6.2694	4.9678	1.0769
1342.	882.9	3.9	17.2	18.0	0.4	78.	6.3148	5.0020	1.0717
1383.	879.8	3.7	17.5	18.3	0.6	80.	6.4068	5.0711	1.0668
1426.	876.3	3.5	17.7	18.5	0.7	82.	6.4531	5.1059	1.0620
1467.	873.1	3.2	17.8	18.6	0.5	82.	6.3604	5.0363	1.0577
1509.	870.7	2.9	17.9	18.8	0.3	83.	6.2689	4.9674	1.0533

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1550.	826.5	2.6	18.0	18.8	0.1	84.	6.1785	4.8994	1.0490
1592.	822.3	2.3	18.1	19.0	0.0	85.	6.1338	4.8657	1.0448
1634.	818.0	2.1	18.4	19.2	0.0	86.	6.1337	4.8656	1.0401
1672.	814.1	1.8	18.4	19.3	0.0	88.	6.1336	4.8656	1.0363
1712.	810.1	1.5	18.5	19.4	-0.2	88.	6.0337	4.7898	1.0323
1753.	806.0	1.3	18.7	19.6	-0.3	89.	5.9840	4.7521	1.0278
1794.	801.8	0.9	18.7	19.5	-0.6	89.	5.8374	4.6408	1.0240
1834.	797.9	0.6	18.8	19.6	-1.0	89.	5.6479	4.4960	1.0199
1874.	793.9	0.3	18.9	19.7	-1.3	88.	5.5079	4.3901	1.0158
1917.	789.7	0.0	19.1	19.8	-1.5	88.	5.4169	4.3207	1.0115
1959.	785.5	-0.3	19.2	19.9	-1.7	89.	5.3272	4.2523	1.0071
2002.	781.3	-0.5	19.4	20.1	-2.0	88.	5.1953	4.1517	1.0024
2041.	777.5	-0.7	19.6	20.3	-2.2	88.	5.1090	4.0857	0.9982
2086.	773.2	-1.0	19.7	20.5	-2.4	89.	5.0240	4.0207	0.9937
2132.	768.7	-1.1	20.1	20.8	-2.5	89.	4.9820	3.9885	0.9883
2172.	764.8	-1.4	20.2	20.9	-2.8	89.	4.8579	3.8935	0.9844
2216.	760.6	-1.7	20.4	21.0	-3.3	87.	4.6574	3.7393	0.9798
2262.	756.3	-1.9	20.6	21.2	-3.7	86.	4.5025	3.6207	0.9749
2311.	751.6	-2.1	20.9	21.6	-4.3	83.	4.2789	3.4486	0.9694
2363.	746.7	-2.3	21.3	21.9	-4.9	80.	4.0655	3.2840	0.9637
2406.	742.7	-2.6	21.4	22.0	-5.3	80.	3.9287	3.1782	0.9595
2449.	738.6	-2.7	21.7	22.3	-5.6	78.	3.8288	3.1008	0.9545
2490.	734.8	-3.0	21.9	22.4	-5.8	79.	3.7635	3.0502	0.9506
2529.	731.2	-3.1	22.2	22.7	-5.9	79.	3.7312	3.0252	0.9463
2576.	726.9	-3.2	22.5	23.1	-5.9	79.	3.7312	3.0251	0.9411
2618.	723.0	-3.4	22.8	23.4	-6.0	80.	3.6991	3.0003	0.9367
2654.	719.7	-3.5	23.1	23.6	-6.1	80.	3.6673	2.9756	0.9328
2695.	716.0	-3.7	23.3	23.8	-6.3	80.	3.6046	2.9269	0.9286
2734.	712.5	-4.0	23.4	23.9	-6.4	81.	3.5735	2.9020	0.9251
2773.	709.0	-4.2	23.6	24.1	-6.5	82.	3.5427	2.8788	0.9212
2810.	705.6	-4.5	23.6	24.2	-6.7	83.	3.4819	2.8315	0.9178
2849.	702.1	-4.9	23.6	24.2	-6.9	84.	3.4223	2.7849	0.9146
2889.	698.6	-5.1	23.8	24.4	-7.2	83.	3.3340	2.7163	0.9106
2930.	694.9	-5.3	24.0	24.6	-7.3	84.	3.3051	2.6938	0.9065
2969.	691.5	-5.6	24.1	24.7	-7.6	84.	3.2198	2.6273	0.9030
2997.	689.0	-6.0	24.0	24.5	-7.9	85.	3.1366	2.5623	0.9010
3038.	685.4	-6.3	24.1	24.6	-8.3	84.	3.0287	2.4778	0.8972
3082.	681.6	-6.6	24.4	24.8	-8.7	83.	2.9241	2.3950	0.8929
3123.	678.0	-6.7	24.6	25.0	-9.1	81.	2.8029	2.3165	0.8887
3162.	674.6	-6.9	24.8	25.2	-9.4	81.	2.7491	2.2585	0.8849
3206.	670.6	-7.2	25.0	25.4	-9.7	80.	2.6771	2.2019	0.8806
3246.	667.4	-7.3	25.2	25.7	-9.5	82.	2.7248	2.2394	0.8768
3284.	663.3	-7.5	25.5	25.9	-9.5	84.	2.7248	2.2394	0.8731
3336.	659.7	-7.7	25.8	26.3	-9.6	85.	2.7007	2.2204	0.8689
3388.	656.2	-8.0	26.0	26.5	-9.7	86.	2.6769	2.2017	0.8631
3431.	651.7	-8.3	26.2	26.8	-9.9	87.	2.6298	2.1646	0.8594
3480.	647.6	-8.5	26.5	26.9	-10.0	88.	2.6065	2.1462	0.8546
3524.	643.9	-8.7	26.7	27.2	-10.3	87.	2.5379	2.0921	0.8503
3564.	640.6	-9.0	26.9	27.3	-10.7	86.	2.4490	2.0213	0.8468
3612.	636.6	-9.3	27.1	27.5	99.9	87.	2.4900	1.9784	0.8425
3653.	633.2	-9.5	27.3	27.7	99.9	87.	2.3726	1.9556	0.8386
3702.	629.2	-9.7	27.6	28.0	99.9	88.	2.3436	1.9347	0.8339
3754.	625.0	-10.2	27.8	28.2	99.9	88.	2.2971	1.8984	0.8297
3797.	621.5	-10.4	27.9	28.2	99.9	89.	2.2990	1.8448	0.8255
3847.	617.5	-10.7	28.1	28.4	99.9	89.	2.1878	1.8094	0.8214
3896.	613.4	-11.1	28.2	28.6	99.9	90.	2.1217	1.7596	0.8172
3952.	609.1	-11.3	28.5	28.9	99.9	90.	2.0971	1.7413	0.8121
4007.	604.7	-11.6	28.8	29.2	99.9	91.	2.0555	1.7087	0.8071
4059.	600.6	-11.9	29.1	29.4	99.9	92.	2.0139	1.6757	0.8025
4108.	596.8	-12.2	29.3	29.6	99.9	92.	1.9716	1.6425	0.7984
4154.	593.2	-12.5	29.4	29.8	99.9	93.	1.9297	1.6094	0.7944
4202.	589.5	-12.8	29.6	30.0	99.9	93.	1.8885	1.5771	0.7904
4251.	585.7	-13.1	29.8	30.2	99.9	94.	1.8491	1.5456	0.7861
4291.	582.6	-13.3	30.1	30.4	99.9	94.	1.8246	1.5263	0.7826
4340.	578.9	-13.6	30.3	30.6	99.9	95.	1.7775	1.4565	0.7793
4379.	575.9	-13.9	30.4	30.7	99.9	95.	1.7457	1.4635	0.7753
4431.	572.0	-14.2	30.6	30.9	99.9	96.	1.7088	1.4342	0.7709
4477.	568.5	-14.6	30.7	31.1	99.9	96.	1.6563	1.3921	0.7674
4523.	565.3	-14.8	30.8	31.1	99.9	97.	1.6193	1.3625	0.7639
4570.	561.6	-15.1	31.0	31.3	99.9	97.	1.5843	1.3346	0.7598
4613.	558.4	-15.4	31.2	31.5	99.9	98.	1.5441	1.3177	0.7560
4656.	555.2	-15.7	31.3	31.6	99.9	98.	1.5139	1.2741	0.7525
4700.	551.8	-16.1	31.5	31.8	99.9	99.	1.4834	1.2514	0.7488
4746.	548.6	-16.4	31.6	31.9	99.9	99.	1.4466	1.2241	0.7456
4798.	544.8	-16.7	31.7	32.0	-16.7	100.	1.4156	1.1957	0.7412
4859.	540.4	-17.1	32.1	32.4	-17.1	100.	1.3831	1.1535	0.7364
4908.	536.9	-17.4	32.3	32.6	-17.4	100.	1.3526	1.1229	0.7324
4959.	533.2	-17.7	32.6	32.8	-17.8	99.	1.2752	1.0833	0.7282
5014.	529.2	-18.0	32.8	33.1	-18.2	99.	1.2366	1.0444	0.7237
5063.	525.4	-18.4	33.1	33.3	-18.5	99.	1.1945	1.0164	0.7195
5116.	522.1	-18.9	33.3	33.6	-18.9	100.	1.1439	0.9803	0.7163
5175.	518.0	-19.2	33.6	33.8	-19.2	100.	1.1066	0.9446	0.7119
5217.	515.1	-19.6	33.8	34.0	-19.7	99.	1.0604	0.9109	0.7085
5279.	510.8	-20.2	34.0	34.2	-21.1	100.	0.9861	0.8861	0.7032
5338.	506.7	-20.7	34.2	34.4	-20.4	99.	0.9671	0.8540	0.6982

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
5392.	503.0	-20.7	34.0	34.3	-20.8	99.	0.9584	0.8230	0.6949
5462.	498.3	-21.2	34.3	34.5	-21.2	100.	0.9221	0.7930	0.6898
5535.	493.4	-21.6	34.6	34.8	-21.6	100.	0.8869	0.7640	0.6841
5603.	488.8	-22.2	34.7	34.9	99.9	100.	0.8366	0.7236	0.6793
5650.	485.7	-22.7	34.7	34.9	-22.7	100.	0.7966	0.6892	0.6763
5788.	476.6	-23.7	35.1	35.3	99.9	100.	0.7219	0.6280	0.6662
5857.	472.1	-24.1	35.4	35.6	-24.1	100.	0.6939	0.6037	0.6610
5927.	467.6	-24.7	35.5	35.7	-24.7	100.	0.6537	0.5701	0.6562
5991.	463.5	-25.1	35.8	36.0	-25.1	100.	0.6281	0.5487	0.6515
6051.	459.7	-25.5	36.1	36.2	-25.5	100.	0.6035	0.5280	0.6472
6100.	456.6	-25.9	36.1	36.3	-25.9	100.	0.5797	0.5080	0.6438
6157.	453.0	-26.2	36.5	36.6	-26.2	100.	0.5624	0.4935	0.6395
6210.	449.7	-26.7	36.5	36.6	-26.7	100.	0.5347	0.4701	0.6361
6258.	446.7	-27.1	36.6	36.7	-27.1	100.	0.5135	0.4522	0.6329
6305.	443.8	-27.5	36.7	36.8	-27.5	100.	0.4930	0.4348	0.6298
6353.	440.8	-28.0	36.6	36.7	-28.0	100.	0.4684	0.4140	0.6268
6412.	437.2	-28.4	36.8	37.0	-28.4	100.	0.4496	0.3980	0.6227
6471.	433.6	-28.7	37.2	37.3	-28.7	100.	0.4360	0.3864	0.6183
6513.	431.1	-29.2	37.1	37.2	-29.2	100.	0.4140	0.3678	0.6160
6571.	427.6	-29.4	37.5	37.7	-29.4	100.	0.4056	0.3605	0.6115
6614.	425.0	-29.8	37.6	37.7	-29.8	100.	0.3891	0.3464	0.6087
6651.	422.8	-30.1	37.6	37.8	-30.1	100.	0.3771	0.3362	0.6063
6712.	419.2	-30.7	37.6	37.7	-30.7	100.	0.3542	0.3166	0.6026
6741.	417.5	-30.9	37.7	37.8	-30.9	100.	0.3469	0.3103	0.6007
6800.	414.0	-31.5	37.7	37.8	-31.5	100.	0.3257	0.2920	0.5971
6834.	412.0	-32.0	37.5	37.6	-32.0	100.	0.3090	0.2776	0.5954
6889.	408.8	-32.3	37.6	37.9	-32.3	100.	0.2993	0.2693	0.5915
6929.	406.5	-32.6	37.9	38.0	-32.7	99.	0.2868	0.2585	0.5889
6990.	403.0	-33.1	38.0	38.1	-33.1	100.	0.2749	0.2481	0.5851
7011.	401.8	-33.4	37.9	38.0	-33.5	99.	0.2634	0.2381	0.5841
7058.	399.1	-33.9	37.9	37.9	-33.9	100.	0.2523	0.2285	0.5813
7091.	397.2	-34.3	37.8	37.8	-34.3	100.	0.2417	0.2192	0.5795
7148.	394.0	-34.7	38.0	38.0	-34.7	100.	0.2314	0.2103	0.5758
7187.	391.8	-35.0	38.1	38.1	-35.2	98.	0.2192	0.1996	0.5733
7219.	390.0	-35.4	38.0	38.0	-35.6	98.	0.2099	0.1915	0.5716
7278.	386.7	-35.9	38.1	38.1	-35.9	100.	0.2031	0.1855	0.5680
7306.	385.1	-36.4	37.8	37.8	-36.4	100.	0.1923	0.1760	0.5668
7362.	382.0	-36.6	38.2	38.3	-36.8	98.	0.1840	0.1687	0.5627
7391.	380.4	-37.0	38.1	38.1	-37.2	98.	0.1761	0.1617	0.5613
7439.	377.8	-37.6	37.9	37.9	-37.6	100.	0.1685	0.1550	0.5589
7488.	375.1	-37.7	38.4	38.5	-37.8	99.	0.1648	0.1517	0.5551
7528.	372.9	-38.2	38.3	38.3	-38.2	100.	0.1576	0.1453	0.5530
7584.	369.9	-38.6	38.5	38.5	-38.7	99.	0.1490	0.1377	0.5495
7643.	366.7	-38.9	38.6	38.9	-39.2	97.	0.1409	0.1305	0.5455
7683.	364.6	-39.6	38.4	38.4	-39.6	100.	0.1347	0.1250	0.5440
7735.	361.8	-40.0	38.6	38.6	-40.0	100.	0.1287	0.1197	0.5407
7783.	359.3	-40.4	38.6	38.7	-40.5	99.	0.1217	0.1133	0.5379
7819.	357.4	-40.6	38.8	38.9	-40.9	97.	0.1162	0.1084	0.5355
7870.	354.7	-41.2	38.7	38.7	-41.4	98.	0.1098	0.1026	0.5328
7907.	352.8	-41.4	38.9	39.0	-41.5	99.	0.1085	0.1015	0.5304
7962.	349.9	-41.7	39.3	39.3	-42.0	97.	0.1025	0.0961	0.5267
8013.	347.3	-42.2	39.2	39.3	-42.2	100.	0.1001	0.0939	0.5240
8056.	345.1	-42.6	39.3	39.3	-42.7	99.	0.0945	0.0889	0.5215
8116.	342.0	-43.1	39.4	39.4	-43.2	99.	0.0892	0.0840	0.5180
8170.	339.3	-43.5	39.6	39.6	-43.6	99.	0.0851	0.0803	0.5148
8239.	335.8	-44.0	39.8	39.8	-44.0	100.	0.0812	0.0768	0.5106
8277.	333.9	-44.4	39.8	39.8	-44.4	100.	0.0775	0.0734	0.5086
8356.	330.0	-45.2	40.0	40.0	-45.0	100.	0.0722	0.0686	0.5039
8431.	326.3	-45.3	40.6	40.6	-45.4	99.	0.0699	0.0655	0.4989
8480.	323.9	-45.7	40.7	40.7	-45.9	98.	0.0649	0.0619	0.4961
8544.	320.8	-46.2	40.9	40.9	-46.2	100.	0.0626	0.0598	0.4925
8617.	317.3	-46.9	40.9	40.9	-46.9	100.	0.0579	0.0551	0.4886
8677.	314.4	-47.5	40.9	40.9	-47.5	100.	0.0536	0.0514	0.4854
8757.	310.6	-47.8	41.5	41.6	-47.9	99.	0.0510	0.0491	0.4802
8802.	308.5	-48.4	41.3	41.3	-48.4	100.	0.0480	0.0463	0.4782
8875.	305.1	-48.8	41.8	41.9	-48.8	100.	0.0457	0.0442	0.4738
8940.	302.1	-48.9	42.5	42.5	-49.4	94.	0.0425	0.0411	0.4693
8990.	299.8	-49.7	42.1	42.1	-49.7	100.	0.0409	0.0397	0.4674
9046.	297.2	-49.8	42.7	42.7	99.9	100.	0.0404	0.0392	0.4636
9287.	286.4	-52.6	42.1	42.1	99.9	100.	0.0285	0.0280	0.4524
9345.	283.8	-53.2	42.3	42.3	-53.2	100.	0.0271	0.0267	0.4491
9393.	281.7	-53.4	42.4	42.4	-53.4	100.	0.0258	0.0254	0.4466
9427.	280.2	-53.8	42.3	42.3	-53.9	99.	0.0242	0.0239	0.4450
9489.	277.5	-54.4	42.3	42.3	-54.8	95.	0.0215	0.0214	0.4419
9605.	272.5	-56.5	40.9	40.9	-56.5	100.	0.0173	0.0173	0.4382
9642.	270.9	-56.7	41.2	41.2	-56.8	99.	0.0166	0.0166	0.4360
9661.	270.1	-56.9	41.1	41.1	-57.2	96.	0.0157	0.0158	0.4351
9729.	267.2	-58.2	40.2	40.2	-58.5	96.	0.0132	0.0134	0.4331
9812.	263.7	-58.4	41.1	41.1	-58.4	100.	0.0134	0.0135	0.4278

SOUNDING 31.0
LATITUDE -60.1 LONGITUDE 0.4
DATE 11-12-81 TIME 0317 GMT
NUMBER OF LEVELS 20

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.3	0.5	0.6	1.3	0.5	97.	6.3641	5.0392	1.2804
33.	999.2	0.7	0.8	1.4	0.6	99.	6.4102	5.0738	1.2761
97.	991.3	0.3	1.6	1.6	0.3	100.	6.2724	4.9702	1.2678
165.	982.5	-0.1	1.3	1.9	-0.1	100.	6.0681	4.8312	1.2583
288.	967.9	-0.4	2.2	2.8	-0.4	100.	5.9348	4.7180	1.2409
340.	961.6	-0.5	2.6	3.2	-0.5	100.	5.8898	4.6807	1.2333
381.	956.7	-0.1	3.4	4.0	-0.4	98.	5.9385	4.7177	1.2253
424.	951.6	1.4	5.3	6.0	0.5	94.	6.3630	5.0383	1.2125
463.	946.9	2.1	6.4	7.2	1.5	96.	6.8391	5.3948	1.2038
639.	926.5	2.2	8.3	9.1	99.9	96.	6.8683	5.4452	1.1776
899.	897.2	2.6	11.3	12.1	99.9	95.	7.0382	5.5742	1.1390
1182.	866.4	3.5	15.1	16.0	99.9	95.	7.4685	5.9004	1.0969
1335.	850.2	3.8	16.1	17.0	99.9	95.	7.1919	5.6912	1.0782
1381.	845.4	3.8	16.6	17.5	2.2	94.	7.1867	5.6554	1.0721
2904.	693.4	-5.1	23.8	24.4	99.9	90.	3.5776	2.9069	0.9106
2943.	690.5	-5.4	23.9	24.5	-6.7	89.	3.4817	2.8314	0.9069
2997.	690.2	-5.7	24.2	24.7	-6.9	90.	3.4219	2.7848	0.9018
3038.	686.6	-6.0	24.3	24.8	-7.2	90.	3.3338	2.7162	0.8980
3071.	683.7	-6.4	24.2	24.7	-7.5	91.	3.2479	2.6492	0.8955
3168.	675.2	-7.1	24.5	25.0	99.9	91.	3.0567	1.7754	0.8859

SOUNDING 32.0
LATITUDE -60.0 LONGITUDE 0.4
DATE 11-12-81 TIME 0618 GMT
NUMBER OF LEVELS 72

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1004.1	0.5	0.8	0.8	0.5	100.	6.3641	5.0392	1.2833
59.	996.7	0.2	0.5	1.1	0.2	100.	6.2272	4.9362	1.2751
146.	986.0	-0.2	0.9	1.5	-0.2	100.	6.0381	4.7933	1.2632
226.	976.2	-0.5	1.4	2.0	-0.5	100.	5.8901	4.6810	1.2520
292.	968.1	-0.6	1.9	2.6	-0.6	100.	5.8414	4.6440	1.2420
414.	953.5	1.4	5.2	5.9	99.9	99.	6.7554	5.3695	1.2152
466.	947.3	1.5	5.8	6.5	1.4	99.	6.7892	5.3582	1.2069
536.	939.2	1.9	6.9	7.7	1.8	99.	6.9865	5.5059	1.1950
685.	922.0	2.2	8.7	9.5	2.2	100.	7.1886	5.6569	1.1721
811.	907.7	1.6	9.3	10.1	99.9	100.	6.8864	5.4724	1.1564
990.	887.8	2.3	11.8	12.7	99.9	100.	7.2392	5.7414	1.1285
1113.	874.3	2.3	13.1	14.0	2.3	100.	7.2398	5.6944	1.1114
1186.	866.5	1.7	13.2	14.0	1.4	98.	6.7873	5.3567	1.1036
1256.	859.0	1.1	13.3	14.1	0.3	94.	6.2695	4.9679	1.0961
1287.	855.6	0.9	13.4	14.1	-0.9	87.	5.6954	4.5329	1.0921
1396.	844.1	1.2	14.8	15.5	-1.9	78.	5.2403	4.1860	1.0760
1551.	828.0	2.2	17.5	18.1	99.9	73.	5.2340	4.1459	1.0517
1622.	820.8	2.0	18.0	18.6	-2.5	70.	4.9831	3.9894	1.0432
1687.	814.2	1.7	18.3	19.0	-2.5	72.	4.9829	3.9893	1.0360
1760.	806.8	1.6	19.0	19.7	-2.5	72.	4.9828	3.9892	1.0269
1841.	798.8	1.2	19.4	20.1	-1.9	78.	5.2393	4.1853	1.0185
1912.	791.7	0.8	19.7	20.4	-1.9	81.	5.2391	4.1851	1.0109
1993.	783.8	0.4	20.1	20.8	-2.1	82.	5.1521	4.1186	1.0023
2066.	776.7	0.0	20.4	21.2	-2.0	85.	5.1952	4.1516	0.9947
2154.	768.2	-0.2	21.2	21.8	-3.0	79.	4.7759	3.8314	0.9843
2218.	762.0	-0.4	21.6	22.3	-3.3	79.	4.6575	3.7398	0.9770
2300.	754.3	-0.8	22.0	22.7	-4.0	76.	4.3894	3.5337	0.9684
2523.	733.4	-2.1	23.0	23.6	99.9	79.	4.0748	3.2757	0.9459
2617.	724.8	-2.6	23.5	24.1	-5.2	80.	3.9622	3.2041	0.9365
2693.	717.9	-3.2	23.6	24.2	-5.1	85.	3.9961	3.2303	0.9297
2938.	695.9	-5.1	24.1	24.7	99.9	85.	3.3921	2.7555	0.9072
3018.	688.8	-5.8	24.2	24.8	-7.7	85.	3.1918	2.6054	0.9001
3099.	682.6	-6.6	24.1	24.6	99.9	86.	3.0105	2.4584	0.8946
3174.	675.2	-7.1	24.5	25.0	99.9	87.	2.9231	2.3885	0.8865
3312.	663.3	-8.0	25.0	25.5	99.9	89.	2.7554	2.2611	0.8737
3399.	655.9	-8.5	25.4	25.8	99.9	90.	2.6708	2.1957	0.8656
3715.	629.6	-11.0	26.0	26.4	99.9	94.	2.2382	1.8566	0.8385
3800.	622.6	-11.6	26.3	26.7	99.9	95.	2.1464	1.7843	0.8310
3889.	615.4	-12.2	26.6	27.0	99.9	96.	2.0585	1.7150	0.8233
3954.	610.2	-12.7	26.8	27.1	99.9	97.	1.9849	1.6567	0.8178
4042.	603.2	-13.2	27.2	27.5	-13.4	98.	1.9195	1.6012	0.8100
4123.	596.8	-13.4	27.5	28.2	-13.8	96.	1.8506	1.5461	0.8019
4197.	591.0	-14.0	28.0	28.3	-14.2	98.	1.7840	1.4928	0.7959
4268.	585.5	-14.5	28.2	28.6	-14.7	98.	1.7039	1.4285	0.7900
4418.	574.0	-15.7	28.5	28.8	99.9	98.	1.5289	1.2902	0.7780
4586.	561.3	-16.8	29.2	29.5	99.9	99.	1.3837	1.1725	0.7639
4828.	543.4	-18.4	30.1	30.3	99.9	99.	1.1949	1.0185	0.7441
4971.	533.1	-19.8	30.1	30.3	99.9	99.	1.0482	0.8982	0.7339
5299.	509.9	-22.2	31.0	31.2	99.9	100.	0.8755	0.7226	0.7085

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
5381.	504.2	-22.4	31.8	32.0	-22.4	100.	0.8204	0.7090	0.7012
5456.	499.1	-22.5	32.5	32.7	-22.6	99.	0.8045	0.6958	0.6944
5537.	493.6	-23.0	32.9	33.1	-23.3	97.	0.7510	0.6513	0.6880
5879.	471.0	-25.1	34.4	34.6	99.9	99.	0.6234	0.5457	0.6620
5961.	464.4	-25.7	34.9	35.1	-25.7	100.	0.5915	0.5179	0.6543
6338.	441.9	-28.3	36.0	36.1	-32.9	62.	0.2838	0.2533	0.6290
6429.	436.3	-29.3	35.9	36.0	-29.9	94.	0.3851	0.3430	0.6236
6512.	431.3	-29.7	36.4	36.5	99.9	97.	0.3819	0.3402	0.6175
6586.	426.8	-30.2	36.7	36.8	-30.2	100.	0.3732	0.3329	0.6123
6788.	414.8	-31.3	37.8	37.9	99.9	100.	0.3326	0.2982	0.5978
6867.	410.2	-31.3	38.8	38.9	-31.3	100.	0.3326	0.2980	0.5911
6954.	405.2	-32.0	39.0	39.1	-32.0	100.	0.3089	0.2776	0.5856
7043.	400.1	-32.5	39.5	39.6	-32.5	100.	0.2930	0.2638	0.5794
7246.	388.7	-33.5	40.8	40.8	99.9	100.	0.2633	0.2383	0.5653
7324.	384.4	-34.7	40.2	40.2	-34.7	100.	0.2314	0.2103	0.5618
7408.	379.8	-35.1	40.7	40.8	-35.1	100.	0.2216	0.2017	0.5560
7474.	376.2	-35.2	41.4	41.5	-35.7	95.	0.2076	0.1894	0.5509
7546.	372.3	-36.0	41.3	41.4	-36.5	95.	0.1902	0.1741	0.5471
7740.	362.0	-37.7	41.6	41.6	99.9	95.	0.1577	0.0916	0.5357
8185.	339.2	-40.5	43.7	43.7	99.9	95.	0.1152	0.0669	0.5080
8435.	326.9	-43.5	42.9	42.9	99.9	95.	0.0815	0.0473	0.4959
9350.	284.6	-51.2	44.6	44.7	99.9	95.	0.0322	0.0187	0.4467
9574.	274.9	-52.4	46.1	46.1	99.9	95.	0.0277	0.0161	0.4338

SOUNDING 33.0
LATITUDE -59.8 LONGITUDE 0.4
DATE 11-12-81 TIME 0911 GMT
NUMBER OF LEVELS 70

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1003.7	0.8	0.5	1.2	0.2	96.	6.2273	4.9363	1.2813
34.	999.5	0.8	0.8	1.5	0.3	96.	6.2725	4.9703	1.2760
103.	990.9	0.5	1.2	1.9	0.2	98.	6.2271	4.9361	1.2664
165.	983.2	0.1	1.4	2.1	-0.1	98.	6.0981	4.8312	1.2583
235.	974.7	-0.1	1.5	2.6	-0.2	99.	6.0379	4.7931	1.2483
299.	966.9	0.7	3.3	4.0	0.0	95.	6.1368	4.8681	1.2348
354.	960.4	2.1	5.3	6.0	0.9	92.	6.5496	5.1785	1.2207
416.	953.0	3.0	6.8	7.6	2.0	93.	7.0875	5.5814	1.2078
470.	946.7	3.1	7.5	8.3	2.5	96.	7.3445	5.7733	1.1996
517.	941.2	3.1	7.9	8.8	2.6	97.	7.3968	5.8123	1.1927
561.	936.1	3.0	8.3	9.1	2.4	96.	7.2921	5.7342	1.1866
613.	930.1	2.8	8.6	9.4	2.2	96.	7.1888	5.6571	1.1798
663.	924.4	2.7	9.0	9.8	1.8	94.	6.9861	5.5056	1.1729
712.	918.8	2.5	9.2	10.0	1.5	93.	6.8375	5.3943	1.1666
761.	913.2	2.6	9.8	10.6	1.3	91.	6.7398	5.3211	1.1590
821.	906.5	3.7	11.6	12.3	0.8	81.	6.5014	5.1422	1.1458
870.	901.0	3.6	12.0	12.7	0.4	80.	6.3160	5.0029	1.1391
927.	894.7	3.3	12.2	13.0	0.1	80.	6.1800	4.9006	1.1323
977.	889.2	3.0	12.4	13.2	-0.2	79.	6.0357	4.7914	1.1265
1027.	883.7	2.6	12.5	13.2	-0.5	80.	5.8879	4.6792	1.1211
1165.	868.8	1.8	13.1	13.7	99.9	76.	5.2853	4.1906	1.1050
1266.	857.9	1.8	14.1	14.7	99.9	73.	5.0803	4.0275	1.0910
1338.	850.3	1.7	14.7	15.4	-2.7	71.	4.9007	3.9263	1.0816
1406.	843.1	1.5	15.2	15.9	99.9	71.	4.8647	3.8602	1.0732
1475.	835.9	1.5	15.9	16.6	99.9	72.	4.8987	3.8875	1.0641
1558.	827.4	1.4	16.7	17.3	99.9	72.	4.9039	3.8934	1.0537
1635.	819.5	1.3	17.4	18.0	99.9	73.	4.9064	3.8969	1.0441
1705.	812.4	1.0	17.8	18.4	99.9	73.	4.8349	3.8443	1.0362
1780.	804.8	0.4	17.9	18.5	99.9	74.	4.6644	3.7162	1.0286
1854.	797.4	-0.1	18.1	18.8	99.9	74.	4.5268	3.6128	1.0209
1930.	789.9	-0.6	18.4	19.0	99.9	75.	4.3757	3.4981	1.0131
1996.	783.4	-0.9	18.8	19.4	99.9	75.	4.2956	3.4376	1.0058
2069.	776.2	-1.4	19.0	19.6	99.9	76.	4.1501	3.3268	0.9983
2135.	769.8	-1.7	19.4	19.9	99.9	76.	4.0732	3.2686	0.9912
2211.	762.5	-2.1	19.7	20.3	99.9	77.	3.9678	3.1885	0.9832
2284.	755.5	-2.7	19.8	20.4	99.9	78.	3.7993	3.0594	0.9762
2336.	750.5	-2.9	20.2	20.7	99.9	78.	3.7545	3.0254	0.9704
2433.	741.4	-2.7	21.4	22.0	99.9	79.	3.8529	3.1030	0.9581
2511.	734.1	-2.9	22.0	22.6	99.9	79.	3.8163	3.0758	0.9494
2597.	726.2	-3.3	22.5	23.1	99.9	80.	3.7190	3.0016	0.9405
2684.	718.2	-3.7	23.0	23.6	99.9	81.	3.6243	2.9293	0.9315
2896.	699.2	-5.0	23.9	24.4	99.9	82.	3.3075	2.6854	0.9110
2968.	692.8	-5.6	24.0	24.5	99.9	83.	3.1622	2.5727	0.9046
3201.	672.4	-6.8	25.2	25.7	99.9	84.	2.9111	2.3785	0.8818
3264.	667.0	-7.2	25.4	25.9	99.9	85.	2.8274	2.3134	0.8760
3340.	660.5	-7.6	25.8	26.3	-8.4	85.	2.7489	2.2584	0.8687
3575.	640.8	-8.9	26.9	27.4	99.9	92.	2.6372	2.1714	0.8469
3654.	634.3	-9.5	27.1	27.6	99.9	94.	2.5601	2.1125	0.8402
3713.	629.5	-9.9	27.3	27.8	99.9	96.	2.5133	2.0769	0.8351
3794.	622.9	-10.2	27.9	28.3	99.9	98.	2.5043	2.0720	0.8273
3878.	616.5	-10.4	28.5	29.0	-10.4	100.	2.5151	2.0741	0.8194

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3942.	611.0	-11.3	28.6	29.1	99.9	100.	2.3839	1.9782	0.8139
4028.	604.2	-11.6	28.9	29.3	99.9	100.	2.2590	1.8785	0.8066
4102.	598.4	-12.2	29.0	29.4	99.9	100.	2.1401	1.7834	0.8006
4175.	592.7	-12.6	29.4	29.8	99.9	100.	2.0641	1.7225	0.7942
4255.	586.5	-13.2	29.6	30.0	-13.2	100.	1.9546	1.6293	0.7876
4324.	581.2	-13.9	29.6	29.9	99.9	100.	1.8337	1.5374	0.7825
4474.	569.8	-14.8	30.2	30.6	99.9	100.	1.6882	1.4201	0.7697
4556.	563.6	-15.4	30.5	30.8	-15.4	100.	1.5972	1.3427	0.7631
4628.	558.3	-16.0	30.6	30.9	-16.0	100.	1.5137	1.2729	0.7576
4729.	550.8	-16.6	31.0	31.3	-16.6	100.	1.4285	1.2065	0.7491
4814.	544.6	-17.2	31.3	31.6	-17.2	100.	1.3604	1.1432	0.7424
4885.	539.5	-17.9	31.3	31.6	-17.9	100.	1.2643	1.0733	0.7374
4953.	534.6	-18.3	31.6	31.9	-19.3	91.	1.1970	0.9449	0.7317
5113.	523.2	-19.8	32.7	32.9	99.9	97.	1.1051	0.9441	0.7181
5192.	517.7	-19.5	33.0	33.2	-19.5	100.	1.0860	0.9277	0.7119
5425.	501.6	-21.0	33.9	34.1	-21.0	100.	0.9401	0.8078	0.6938
5510.	495.9	-21.7	34.1	34.3	-21.7	100.	0.8784	0.7569	0.6878
5576.	491.4	-22.8	33.5	33.7	99.9	100.	0.7889	0.4582	0.6842
5824.	475.0	-24.3	34.7	34.8	99.9	100.	0.6803	0.3951	0.6653

SOUNDING 34.0
LATITUDE -59.5 LONGITUDE 0.6
DATE 11-12-81 TIME 1446 GMT
NUMBER OF LEVELS 181

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1005.0	1.8	1.4	2.1	1.2	96.	6.6937	5.2866	1.2786
2.	1004.8	1.1	0.7	1.4	0.9	99.	6.5506	5.1793	1.2815
78.	995.3	0.1	0.5	1.1	99.9	99.	6.1088	4.8740	1.2738
167.	984.2	-0.7	0.5	1.1	99.9	99.	5.7415	4.5932	1.2630
251.	973.9	-1.1	1.0	1.6	99.9	99.	5.5692	4.4611	1.2515
319.	965.7	-1.5	1.2	1.8	99.9	100.	5.3994	4.3302	1.2427
391.	957.0	-1.6	1.8	2.4	99.9	100.	5.3658	4.3057	1.2320
447.	950.2	-1.4	2.6	3.2	-1.4	100.	5.4658	4.3582	1.2224
506.	943.2	-1.6	3.0	3.6	-1.6	100.	5.3753	4.2892	1.2143
559.	937.0	-1.2	3.9	4.5	-1.4	98.	5.4655	4.3579	1.2046
608.	931.2	-0.4	5.2	5.8	-1.3	93.	5.5110	4.3926	1.1937
658.	925.4	0.6	6.7	7.4	-1.5	85.	5.4199	4.3232	1.1819
706.	919.9	1.6	8.2	8.9	-1.3	80.	5.5108	4.3924	1.1707
751.	914.8	2.4	9.5	10.2	-1.1	77.	5.6030	4.4626	1.1610
804.	908.8	3.1	10.7	11.4	-1.0	74.	5.6496	4.4981	1.1505
858.	902.8	3.8	11.9	12.6	-0.9	73.	5.6965	4.5338	1.1422
907.	897.4	3.8	12.0	12.7	-0.9	73.	5.6964	4.5337	1.1354
957.	891.8	3.8	12.2	12.8	-1.0	74.	5.6492	4.4978	1.1295
1010.	886.0	2.5	12.2	12.9	-1.2	76.	5.5560	4.4268	1.1241
1060.	880.5	2.4	12.6	13.3	-1.4	75.	5.4642	4.3569	1.1175
1112.	874.9	2.1	12.8	13.5	-1.7	75.	5.3292	4.2539	1.1115
1163.	869.4	1.9	13.1	13.8	-1.8	75.	5.2948	4.2205	1.1053
1211.	864.2	1.8	13.5	14.2	-1.9	75.	5.2407	4.1864	1.0991
1260.	858.9	1.7	13.9	14.6	-2.0	75.	5.1970	4.1530	1.0928
1313.	853.3	1.4	14.1	14.8	-2.1	76.	5.1536	4.1198	1.0868
1360.	848.3	1.1	14.3	15.0	-2.2	77.	5.1135	4.0869	1.0816
1415.	842.6	0.9	14.6	15.3	-2.4	77.	5.0285	4.0219	1.0751
1471.	836.7	0.7	15.0	15.7	-2.6	77.	4.9417	3.9578	1.0683
1526.	831.0	0.4	15.3	15.9	-2.7	78.	4.9033	3.9269	1.0622
1573.	826.1	0.1	15.4	16.1	-2.9	78.	4.8185	3.8633	1.0570
1619.	821.4	0.1	15.6	16.3	-2.9	78.	4.8184	3.8632	1.0510
1666.	816.6	-0.2	15.8	16.7	-3.1	79.	4.7378	3.8015	1.0460
1708.	812.3	-0.5	16.2	16.8	-3.3	79.	4.6984	3.7406	1.0416
1757.	807.3	-0.7	16.5	17.1	-3.4	80.	4.6132	3.7104	1.0359
1801.	802.9	-1.0	16.6	17.2	-3.7	80.	4.5934	3.6214	1.0314
1852.	797.8	-1.4	16.9	17.5	-3.8	80.	4.4653	3.5921	1.0256
1905.	792.1	-1.5	17.2	17.8	-3.9	82.	4.4275	3.5631	1.0193
1960.	787.0	-1.6	17.6	18.2	-4.1	81.	4.3529	3.5056	1.0131
2011.	782.0	-1.8	17.9	18.5	-4.4	80.	4.2432	3.4211	1.0074
2109.	772.4	-2.6	18.1	18.7	99.9	82.	4.0550	3.2647	0.9978
2159.	767.5	-2.9	18.4	19.0	-5.0	83.	4.0113	3.2575	0.9922
2207.	762.9	-3.	18.7	19.3	-5.2	83.	3.9628	3.2046	0.9879
2252.	758.5	-2.8	18.7	19.3	-5.5	84.	3.8622	3.1267	0.9830
2300.	753.9	-3.7	18.9	19.5	-5.8	84.	3.7636	3.0505	0.9777
2346.	749.6	-3.8	19.2	19.8	-5.8	84.	3.7315	3.0254	0.9725
2392.	745.2	-4.1	19.5	20.2	-5.8	86.	3.7315	3.0254	0.9679
2437.	741.0	-4.4	19.8	20.5	-6.0	87.	3.6994	3.0005	0.9635
2483.	736.6	-4.8	19.7	20.4	-6.2	88.	3.6249	2.9271	0.9591
2541.	731.2	-5.3	19.8	20.6	-6.6	89.	3.5124	2.8554	0.9538
2586.	727.0	-5.7	19.9	20.8	-7.0	89.	3.3928	2.7622	0.9497
2645.	721.6	-6.0	20.1	20.9	-7.3	89.	3.3555	2.6941	0.9437
2697.	716.8	-6.0	20.7	21.5	-7.3	89.	3.3554	2.6941	0.9374
2741.	712.8	-6.1	21.0	21.8	99.9	91.	3.3394	2.7224	0.9326
2789.	708.4	-6.1	21.5	22.1	99.9	93.	3.4368	2.7793	0.9269
2836.	704.2	-6.4	21.7	22.3	99.9	95.	3.3859	2.7641	0.9224

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
2882.	700.0	-6.6	22.0	22.5	-7.0	97.	3.3924	2.7619	0.9176
2927.	696.0	-6.8	22.2	22.8	-7.4	95.	3.2765	2.6715	0.9130
2978.	691.5	-7.0	22.6	23.1	-7.8	93.	3.1641	2.5838	0.9077
3025.	687.3	-7.4	22.6	23.1	-8.1	94.	3.0822	2.5197	0.9035
3072.	683.2	-7.4	23.1	23.7	-8.2	93.	3.0553	2.4987	0.8981
3121.	678.9	-7.6	23.5	24.0	-8.3	94.	3.0286	2.4778	0.8931
3172.	674.4	-7.8	23.8	24.3	-8.3	96.	3.0285	2.4777	0.8879
3221.	670.2	-8.0	24.1	24.6	-8.5	96.	2.9758	2.4364	0.8830
3272.	665.8	-8.3	24.3	24.8	-8.7	97.	2.9239	2.3958	0.8781
3322.	661.5	-8.4	24.8	25.3	99.9	97.	2.9166	2.3976	0.8728
3367.	657.7	-8.7	24.9	25.4	99.9	98.	2.8565	2.3507	0.8687
3413.	653.8	-8.8	25.3	25.8	-9.0	98.	2.8476	2.3359	0.8639
3463.	649.6	-9.0	25.6	26.1	-9.4	97.	2.7488	2.2583	0.8589
3508.	645.8	-9.2	25.9	26.4	-9.6	97.	2.7006	2.2203	0.8545
3557.	641.7	-9.6	26.0	26.5	99.9	98.	2.6386	2.1783	0.8504
3606.	637.7	-9.6	26.5	27.0	99.9	99.	2.6698	2.2042	0.8451
3653.	633.8	-9.8	26.8	27.3	-9.8	100.	2.6530	2.1829	0.8406
3705.	629.5	-10.3	26.8	27.3	99.9	100.	2.5373	2.1001	0.8364
3768.	624.4	-10.7	27.1	27.5	99.9	100.	2.4479	2.0289	0.8308
3835.	619.0	-11.4	27.0	27.5	99.9	100.	2.2987	1.9100	0.8257
3908.	613.1	-12.1	27.3	27.4	99.9	100.	2.1578	1.7974	0.8200
3985.	606.9	-12.7	27.2	27.6	99.9	100.	2.0433	1.7056	0.8135
4061.	600.9	-13.1	27.6	28.0	99.9	100.	1.9698	1.6467	0.8066
4126.	595.6	-13.3	28.2	28.5	99.9	100.	1.9338	1.6178	0.8001
4190.	590.8	-13.7	28.4	28.7	99.9	100.	1.8641	1.5618	0.7948
4258.	585.5	-14.2	28.6	28.9	99.9	100.	1.7803	1.4942	0.7892
4335.	579.6	-14.9	28.6	29.0	99.9	100.	1.6688	1.4043	0.7832
4404.	574.3	-15.5	28.7	29.0	99.9	100.	1.5785	1.3311	0.7778
4470.	569.3	-16.1	28.8	29.1	99.9	100.	1.4926	1.2615	0.7728
4546.	563.6	-16.7	28.9	29.2	99.9	100.	1.4109	1.1951	0.7668
4621.	558.0	-17.2	29.2	29.5	99.9	100.	1.3455	1.1422	0.7606
4687.	553.1	-17.6	29.5	29.8	99.9	100.	1.2960	1.1015	0.7551
4765.	547.3	-17.9	30.1	30.3	99.9	100.	1.2595	1.0716	0.7480
4822.	543.2	-18.0	30.6	30.8	99.9	100.	1.2474	1.0618	0.7427
4885.	538.6	-18.4	30.8	31.1	99.9	100.	1.2308	1.0236	0.7375
4957.	533.4	-19.0	31.0	31.2	99.9	100.	1.1340	0.9688	0.7321
5019.	529.0	-19.6	31.1	31.3	99.9	100.	1.0809	0.9253	0.7274
5093.	523.7	-20.0	31.4	31.6	99.9	100.	1.0301	0.8834	0.7215
5235.	513.8	-20.7	32.2	32.4	99.9	100.	0.9625	0.8277	0.7098
5307.	508.8	-21.1	32.6	32.8	99.9	100.	0.9257	0.7973	0.7040
5384.	503.9	-21.5	32.4	32.5	99.9	100.	0.8904	0.7680	0.7025
5513.	494.7	-22.3	33.6	33.7	99.9	100.	0.8231	0.7122	0.5877
5573.	490.7	-22.9	33.5	33.7	99.9	100.	0.7766	0.6729	0.6838
5633.	486.7	-23.3	33.8	33.9	99.9	99.	0.7456	0.6478	0.6792
5705.	481.9	-23.6	34.3	34.4	99.9	99.	0.7239	0.6295	0.6733
5774.	477.4	-23.7	35.0	35.1	99.9	99.	0.7166	0.6234	0.6673
5836.	473.3	-24.2	35.1	35.3	99.9	99.	0.6818	0.5943	0.6629
5909.	468.6	-24.6	35.5	35.6	99.9	99.	0.6551	0.5715	0.6577
6043.	460.0	-25.8	35.9	36.0	99.9	99.	0.5925	0.5192	0.6478
6178.	451.5	-26.3	36.6	36.8	99.9	99.	0.5519	0.4858	0.6377
6307.	443.5	-27.6	36.6	36.7	99.9	99.	0.4834	0.4271	0.6296
6380.	439.0	-28.3	36.6	36.7	99.9	99.	0.4489	0.3986	0.6250
6447.	434.9	-28.6	37.1	37.2	99.9	99.	0.4361	0.3868	0.6199
6513.	430.9	-29.2	37.1	37.2	99.9	99.	0.4099	0.3644	0.6157
6581.	426.8	-29.5	37.6	37.7	-29.6	99.	0.3872	0.3534	0.6106
6645.	423.0	-29.7	38.1	38.2	-29.7	100.	0.3931	0.3499	0.6056
6707.	419.6	-30.0	38.5	38.6	-30.0	100.	0.3811	0.3396	0.6015
6777.	415.2	-30.7	38.5	38.6	-30.7	100.	0.3542	0.3166	0.5969
6865.	410.4	-31.3	39.1	39.2	-31.3	100.	0.3433	0.3072	0.5907
6696.	420.0	-31.6	36.3	36.4	-31.6	100.	0.3229	0.2891	0.6060
6976.	403.7	-31.9	39.4	39.5	-31.9	100.	0.3122	0.2804	0.5832
7037.	400.2	-32.8	39.1	39.1	99.9	100.	0.2838	0.2560	0.5803
7309.	385.0	-33.1	42.1	42.2	-33.1	100.	0.2744	0.2481	0.5595
7165.	393.0	-33.5	39.8	39.8	-33.5	100.	0.2634	0.2391	0.5715
7236.	389.0	-34.5	39.4	39.4	-34.5	100.	0.2365	0.2147	0.5680
7292.	385.9	-34.7	39.8	39.9	-34.7	100.	0.2314	0.2103	0.5640
7368.	381.7	-34.9	40.5	40.6	-34.9	100.	0.2265	0.2060	0.5583
7632.	367.8	-36.8	41.7	41.8	99.9	100.	0.1891	0.1724	0.5414
7762.	360.6	-37.8	42.1	42.1	99.9	100.	0.1685	0.1550	0.5335
7828.	357.2	-38.2	42.4	42.4	99.9	100.	0.1611	0.1485	0.5293
7891.	353.9	-38.5	42.8	42.9	-38.3	100.	0.1558	0.1439	0.5251
7956.	350.6	-39.3	42.3	42.4	99.9	100.	0.1393	0.1291	0.5224
8026.	347.0	-39.7	42.7	42.7	99.9	100.	0.1332	0.1237	0.5179
8145.	341.0	-40.3	43.5	43.5	99.9	100.	0.1244	0.1158	0.5103
8219.	337.3	-40.6	44.0	44.1	-40.6	100.	0.1223	0.1121	0.5054
8343.	331.2	-41.6	44.3	44.4	99.9	100.	0.1073	0.1004	0.4984
8407.	328.1	-42.0	44.6	44.7	-42.0	100.	0.1025	0.0960	0.4946
8477.	324.7	-42.7	44.6	44.7	99.9	100.	0.0945	0.0889	0.4909
8529.	322.2	-43.2	44.5	44.5	99.9	100.	0.0881	0.0831	0.4884
8596.	319.0	-44.5	43.7	43.8	99.9	100.	0.0766	0.0726	0.4861
8657.	316.1	-44.9	44.1	44.1	-44.9	100.	0.0731	0.0694	0.4825
8855.	306.8	-46.7	44.2	44.2	99.9	100.	0.0594	0.0564	0.4720
8920.	303.8	-47.1	44.5	44.6	99.9	100.	0.0562	0.0539	0.4682
8977.	301.2	-47.4	44.3	44.3	-47.4	100.	0.0542	0.0520	0.4648
9062.	298.7	-47.8	45.1	45.1	-47.8	100.	0.0516	0.0497	0.4618

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
9094.	295.9	-48.1	45.5	45.5	-48.1	100.	0.0498	0.0479	0.4581
9163.	292.8	-48.6	45.8	45.8	-48.6	100.	0.0469	0.0452	0.4543
9218.	290.7	-49.3	45.4	45.4	99.9	100.	0.0430	0.0416	0.4524
9267.	288.2	-49.7	45.6	45.7	-49.7	100.	0.0409	0.0397	0.4493
9333.	285.3	-50.2	45.8	45.8	-50.2	100.	0.0385	0.0374	0.4458
9381.	283.2	-50.6	45.7	45.7	99.9	100.	0.0357	0.0348	0.4437
9441.	280.6	-51.1	46.1	46.1	-51.1	100.	0.0344	0.0336	0.4402
9499.	278.1	-51.6	46.2	46.2	-51.6	100.	0.0323	0.0316	0.4373
9550.	275.9	-51.8	46.6	46.6	-51.8	100.	0.0315	0.0309	0.4342
9616.	273.1	-52.2	47.0	47.0	-52.2	100.	0.0300	0.0294	0.4306
9776.	266.4	-52.6	48.6	48.7	-53.0	95.	0.0271	0.0267	0.4208
9845.	263.6	-53.3	48.6	48.6	-53.3	100.	0.0261	0.0257	0.4177
9982.	258.0	-54.7	48.5	48.5	99.9	100.	0.0218	0.0216	0.4115
10059.	254.9	-55.6	48.0	48.0	99.9	100.	0.0189	0.0188	0.4086
10107.	253.0	-56.3	47.9	48.0	99.9	100.	0.0177	0.0177	0.4065
10164.	250.7	-56.5	48.5	48.5	-56.5	100.	0.0172	0.0173	0.4031
10220.	248.5	-57.2	48.3	48.3	-57.2	100.	0.0157	0.0158	0.4009
10279.	246.2	-57.8	48.2	48.2	99.9	100.	0.0145	0.0146	0.3983
10343.	243.7	-58.2	48.6	48.6	-58.2	100.	0.0138	0.0139	0.3950
10408.	241.2	-58.9	48.5	48.5	99.9	100.	0.0125	0.0127	0.3922
10472.	238.8	-59.8	48.0	48.0	99.9	100.	0.0111	0.0113	0.3899
10531.	236.5	-59.9	48.8	48.8	99.9	100.	0.0110	0.0111	0.3864
10581.	234.6	-60.6	48.4	48.4	99.9	100.	0.0100	0.0102	0.3845
10634.	232.6	-61.2	48.3	48.3	99.9	100.	0.0092	0.0094	0.3823
10698.	230.2	-61.6	48.7	48.7	99.9	100.	0.0087	0.0089	0.3791
10744.	228.5	-62.1	48.6	48.6	99.9	100.	0.0081	0.0083	0.3772
10875.	223.7	-62.6	49.8	49.8	-62.6	100.	0.0076	0.0078	0.3701
10927.	221.8	-63.4	49.3	49.3	99.9	100.	0.0068	0.0070	0.3684
10991.	219.5	-63.6	50.0	50.0	-63.6	100.	0.0066	0.0068	0.3649
11055.	217.2	-64.2	50.0	50.0	99.9	100.	0.0061	0.0063	0.3621
11119.	214.1	-64.3	50.8	50.8	-64.3	100.	0.0060	0.0062	0.3588
11183.	212.7	-64.3	51.8	51.8	-64.3	100.	0.0060	0.0062	0.3548
11238.	210.8	-64.4	52.5	52.5	-64.4	100.	0.0059	0.0061	0.3518
11296.	208.8	-64.9	52.6	52.6	99.9	100.	0.0055	0.0057	0.3493
11337.	207.4	-65.3	52.6	52.6	-65.3	100.	0.0052	0.0054	0.3476
11399.	205.3	-65.6	53.1	53.1	-65.6	100.	0.0050	0.0052	0.3446
11464.	203.1	-65.8	53.8	53.8	-65.8	100.	0.0046	0.0050	0.3412
11512.	201.5	-66.0	54.2	54.2	-66.0	100.	0.0047	0.0049	0.3389
11575.	199.4	-66.4	54.5	54.5	-66.4	100.	0.0044	0.0046	0.3360
11615.	198.1	-66.6	54.8	54.8	99.9	100.	0.0043	0.0025	0.3341
11682.	195.9	-66.9	55.4	55.4	99.9	100.	0.0041	0.0024	0.3309

SOUNDING 15.0
LATITUDE -59.5 LONGITUDE 6.6
DATE 11-12-81 TIME 1752 GMT
NUMBER OF LEVELS 32

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.1	1.3	1.4	2.0	0.1	94.	6.1821	4.9023	1.2694
2.	994.9	0.8	1.2	1.8	0.1	95.	6.1821	4.9023	1.2700
48.	984.3	1.1	1.2	1.6	-0.2	98.	6.0382	4.7934	1.2656
108.	961.8	-0.5	0.9	1.6	-0.6	99.	5.8418	4.6443	1.2591
181.	932.8	-1.1	1.1	1.6	-1.1	100.	5.6244	4.4637	1.2501
250.	903.7	-1.6	1.3	1.9	-1.6	100.	5.3758	4.2896	1.2406
335.	869.2	-2.1	1.6	2.1	-2.1	100.	5.1559	4.1216	1.2305
411.	838.1	-2.6	1.8	2.3	-2.6	100.	4.9440	3.9596	1.2209
478.	811.3	-3.1	2.0	2.5	99.9	100.	4.7402	3.8227	1.2125
554.	780.1	-3.5	2.3	2.8	-3.5	100.	4.5826	3.6824	1.2027
614.	755.6	-3.9	2.5	3.0	-3.9	100.	4.4299	3.5650	1.1947
731.	707.6	-3.7	3.9	4.4	-4.0	97.	4.3922	3.5360	1.1769
904.	687.9	-4.2	5.3	5.9	-4.4	97.	4.2451	3.4226	1.1526
958.	682.1	-3.2	6.6	7.1	-4.7	88.	4.1379	3.3399	1.1417
1007.	676.4	-2.2	8.2	8.7	-4.8	80.	4.1026	3.3127	1.1301
1059.	670.7	-1.4	9.6	10.1	-4.9	74.	4.0676	3.2857	1.1194
1112.	664.9	-1.1	10.4	10.9	-4.9	73.	4.0675	3.2856	1.1108
1161.	659.6	-0.7	11.3	11.8	-4.9	70.	4.0675	3.2855	1.1024
1211.	654.2	-0.3	12.3	12.8	-5.0	67.	4.0328	3.2587	1.0939
1260.	649.0	0.0	13.1	13.6	-5.1	65.	3.9983	3.2321	1.0860
1311.	643.6	0.3	13.9	14.4	-5.2	63.	3.9642	3.2057	1.0779
1374.	637.2	0.5	14.9	15.4	-5.2	62.	3.9641	3.2056	1.0683
1423.	631.9	0.6	15.4	15.9	-5.3	61.	3.9302	3.1794	1.0618
1483.	625.7	0.4	15.8	16.3	-5.5	61.	3.8632	3.1275	1.0546
1547.	619.1	0.1	16.1	16.6	-5.8	61.	3.7649	3.0513	1.0473
1614.	612.3	0.0	16.7	17.2	-5.9	61.	3.7325	3.0262	1.0390
1662.	607.4	0.0	17.2	17.7	-6.1	60.	3.6687	2.9767	1.0327
1717.	601.9	-0.1	17.7	18.2	-6.2	60.	3.6371	2.9522	1.0260
1769.	596.7	-0.2	18.1	18.6	-6.2	60.	3.6370	2.9521	1.0198
1821.	591.5	-0.5	18.4	18.7	-6.4	61.	3.5747	2.9037	1.0146
1871.	586.6	-1.0	18.3	18.8	-6.6	62.	3.5133	2.8560	1.0097
1932.	580.6	-1.4	18.5	19.0	-6.9	63.	3.4231	2.7858	1.0034

SOUNDING 36.0
LATITUDE -59.2 LONGITUDE 0.0
DATE 11-12-81 TIME 2054 GMT
NUMBER OF LEVELS 79

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	1000.8	0.3	0.2	0.9	-0.4	95.	5.9396	4.7186	1.2797
6.	1000.1	-0.1	-0.1	0.5	-0.6	96.	5.8422	4.6446	1.2806
75.	991.4	-0.8	-0.1	0.5	-1.1	98.	5.6048	4.4641	1.2726
147.	982.5	-1.4	-0.0	0.5	-1.6	98.	5.3762	4.2899	1.2638
223.	973.2	-2.0	0.1	0.7	-2.1	99.	5.1562	4.1219	1.2544
274.	966.9	-2.4	0.2	0.7	-2.6	98.	4.9444	3.9599	1.2480
362.	956.3	-2.9	0.7	1.2	-3.1	98.	4.7405	3.8037	1.2360
409.	950.6	-3.2	0.7	1.2	-3.5	97.	4.5438	3.6828	1.2304
467.	943.6	-3.5	1.0	1.5	-3.9	97.	4.4303	3.5653	1.2226
514.	938.0	-3.4	1.6	2.1	-3.9	96.	4.4302	3.5652	1.2149
556.	933.1	-3.1	2.3	2.8	-3.7	95.	4.5058	3.6234	1.2073
598.	928.2	-2.3	3.5	4.1	-3.1	93.	4.7400	3.8032	1.1976
642.	923.0	-1.6	4.7	5.3	-2.4	94.	5.0272	4.0232	1.1881
692.	917.3	-1.5	5.3	5.9	-2.1	95.	5.1550	4.1209	1.1805
739.	911.8	-1.7	5.6	6.1	-2.2	96.	5.1119	4.0880	1.1742
835.	900.9	-2.2	6.0	6.6	99.9	97.	4.9575	3.9864	1.1623
882.	895.6	-2.5	6.2	6.7	-2.8	98.	4.8606	3.8956	1.1566
931.	890.1	-2.7	6.4	7.0	-3.1	97.	4.7392	3.8026	1.1503
980.	884.6	-2.7	6.9	7.5	-3.2	96.	4.6993	3.7720	1.1432
1028.	879.2	-2.8	7.3	7.9	-3.3	96.	4.6597	3.7416	1.1366
1075.	874.0	-3.1	7.5	8.0	-3.5	97.	4.5816	3.6816	1.1311
1124.	868.6	-3.4	7.7	8.2	-3.8	97.	4.4666	3.5932	1.1253
1171.	863.5	-3.7	7.8	8.4	-4.1	97.	4.3543	3.5068	1.1199
1218.	858.3	-4.1	7.9	8.4	-4.5	97.	4.2086	3.3944	1.1147
1267.	853.0	-4.4	8.1	8.6	-4.8	97.	4.1022	3.3124	1.1090
1314.	847.9	-4.7	8.3	8.8	99.9	96.	3.9797	3.2273	1.1035
1363.	843.7	-4.9	8.4	8.9	-5.4	96.	3.8968	3.1535	1.0988
1392.	839.5	-5.1	8.6	9.1	-5.6	96.	3.8304	3.1022	1.0941
1434.	835.1	-5.3	8.8	9.3	-5.7	97.	3.7976	3.0767	1.0892
1473.	830.9	-5.2	9.4	9.8	-5.8	95.	3.7650	3.0515	1.0833
1520.	825.9	-5.2	9.9	10.3	-5.7	96.	3.7975	3.0766	1.0768
1563.	821.4	-5.4	10.1	10.6	-6.0	95.	3.7006	3.0015	1.0717
1594.	818.2	-5.4	10.4	10.9	-6.2	93.	3.6373	2.9524	1.0675
1628.	814.6	-5.6	10.5	11.0	-6.4	93.	3.5750	2.9040	1.0635
1668.	810.5	-5.8	10.7	11.2	-6.9	91.	3.4238	2.7862	1.0589
1702.	807.0	-6.0	10.9	11.3	-7.3	89.	3.3066	2.6951	1.0550
1739.	803.2	-5.9	11.4	11.8	-7.4	88.	3.2779	2.6727	1.0496
1780.	799.0	-5.8	11.8	12.2	-7.6	86.	3.2213	2.6285	1.0441
1816.	795.3	-5.7	12.4	12.8	-7.5	86.	3.2494	2.6504	1.0385
1862.	790.7	-5.4	13.2	13.6	-7.6	83.	3.2212	2.6284	1.0314
1901.	786.7	-5.4	13.6	14.0	-7.7	82.	3.1931	2.6065	1.0262
1950.	781.8	-5.4	14.1	14.5	-7.8	81.	3.1653	2.5848	1.0198
1992.	777.7	-5.2	14.7	15.2	-7.8	80.	3.1653	2.5847	1.0137
2031.	773.8	-5.4	14.8	15.4	-7.9	81.	3.1377	2.5632	1.0093
2078.	769.2	-5.5	15.7	16.1	-7.9	79.	3.1376	2.5631	1.0026
2117.	765.4	-5.5	16.1	16.5	-7.9	79.	3.1376	2.5631	0.9977
2167.	760.5	-5.1	16.7	17.2	-7.9	78.	3.1375	2.5630	0.9909
2210.	756.3	-5.2	17.1	17.5	-7.9	79.	3.1375	2.5630	0.9858
2257.	751.8	-5.2	17.5	18.0	-7.8	80.	3.1649	2.5844	0.9809
2295.	748.2	-5.6	17.5	18.0	-7.9	82.	3.1374	2.5629	0.9767
2337.	744.2	-5.9	17.6	18.1	-8.0	83.	3.1100	2.5415	0.9726
2375.	740.6	-6.0	17.9	18.4	-8.0	84.	3.1100	2.5415	0.9683
2433.	735.1	-6.2	18.3	18.8	-8.0	86.	3.1099	2.5414	0.9618
2471.	731.5	-6.5	18.4	18.9	-8.0	88.	3.1099	2.5414	0.9582
2514.	727.5	-6.7	18.6	19.1	-8.0	89.	3.1098	2.5413	0.9537
2556.	723.6	-7.0	18.8	19.2	-7.9	92.	3.1370	2.5626	0.9497
2611.	718.5	-7.2	19.1	19.6	-8.0	93.	3.1097	2.5412	0.9437
2665.	713.6	-7.6	19.4	19.9	-8.0	96.	3.1096	2.5412	0.9383
2710.	709.4	-7.9	19.4	19.9	-8.3	97.	3.0290	2.4781	0.9342
2755.	705.3	-8.2	19.6	20.0	-8.6	97.	2.9502	2.4164	0.9298
2799.	701.3	-8.6	19.7	20.2	-8.9	97.	2.8734	2.3561	0.9255
2844.	697.3	-8.8	19.9	20.3	-9.3	96.	2.7738	2.2779	0.9212
2887.	693.4	-9.1	20.1	20.4	-9.5	97.	2.7251	2.2396	0.9170
2937.	688.9	-9.4	20.2	20.7	-9.7	97.	2.6773	2.2020	0.9121
2984.	684.8	-9.6	20.5	20.8	-10.0	97.	2.6059	2.1466	0.9073
3026.	681.0	-10.1	20.4	20.8	99.9	97.	2.5048	2.0709	0.9030
3076.	676.6	-10.3	20.7	21.1	99.9	97.	2.4732	2.0462	0.8988
3113.	673.4	-10.5	20.9	21.3	99.9	98.	2.4365	2.0190	0.8952
3156.	669.6	-10.8	21.0	21.4	-11.0	98.	2.3845	1.9799	0.8911
3244.	662.0	-11.5	21.0	21.4	99.9	96.	2.2487	1.8664	0.8822
3294.	657.7	-11.9	21.1	21.5	-12.1	95.	2.1691	1.7929	0.8775
3338.	653.9	-11.7	22.0	22.4	-12.9	93.	2.0834	1.7319	0.8730
3382.	650.1	-12.4	22.0	22.5	-12.9	92.	2.0222	1.6728	0.8689
3524.	637.3	-13.6	22.6	23.0	-14.2	93.	1.7844	1.4931	0.8562
3578.	633.6	-13.9	22.8	23.2	-14.7	93.	1.7247	1.4286	0.8528
3645.	628.1	-14.5	22.8	23.2	99.9	93.	1.6128	1.3543	0.8473
3779.	617.0	-15.8	22.8	23.2	99.9	93.	1.4299	1.2060	0.8364
3833.	612.6	-16.1	22.8	23.2	-16.9	93.	1.3893	1.1748	0.8314
3913.	606.1	-16.7	23.2	23.4	-17.1	93.	1.3635	1.1539	0.8232

SOUNDING 37.0
LATITUDE -59.2 LONGITUDE 0.8
DATE 11-13-81 TIME 0333 GMT
NUMBER OF LEVELS 36

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.5	1.1	1.5	2.1	0.5	96.	6.3639	5.0391	1.2696
71.	986.7	-0.4	0.6	1.3	-0.4	100.	5.9393	4.7183	1.2649
151.	976.9	-1.1	0.7	1.3	99.9	98.	5.5086	4.4123	1.2553
237.	966.4	-1.7	1.0	1.5	99.9	96.	5.1413	4.1259	1.2443
300.	958.8	-2.1	1.2	1.7	99.9	95.	4.9024	3.9392	1.2362
372.	950.1	-2.7	1.3	1.8	99.9	94.	4.5851	3.6913	1.2275
462.	939.3	-3.2	1.7	2.1	99.9	92.	4.3038	3.4705	1.2156
756.	905.1	-2.1	5.7	6.2	-4.0	85.	4.3922	3.5359	1.1668
861.	893.2	-3.8	5.0	5.5	99.9	86.	3.8615	3.1199	1.1583
921.	886.4	-4.4	5.0	5.5	99.9	87.	3.6999	2.9956	1.1520
1455.	828.2	-4.7	10.1	10.7	99.9	94.	3.8683	3.1369	1.0779
1512.	822.2	-4.8	10.6	11.1	-5.5	94.	3.8632	3.1275	1.0705
1560.	817.2	-4.9	11.0	11.5	-5.9	92.	3.7326	3.0263	1.0643
1621.	810.9	-5.0	11.5	12.0	-6.5	88.	3.5442	2.8800	1.0563
1671.	805.8	-4.9	12.2	12.6	-6.6	86.	3.5136	2.8562	1.0493
1728.	799.9	-4.9	12.8	13.2	-7.0	83.	3.3939	2.7630	1.0415
1838.	788.8	-4.3	14.5	15.0	-7.4	77.	3.2777	2.6725	1.0248
2046.	768.2	-5.8	15.1	15.5	-8.8	77.	2.8996	2.3767	1.0033
2107.	762.2	-6.0	15.5	16.0	-9.0	77.	2.8489	2.3369	0.9962
2139.	759.1	-6.3	15.6	16.0	99.9	78.	2.8082	2.2887	0.9933
2191.	754.1	-6.7	15.7	16.1	99.9	79.	2.7628	2.2550	0.9882
2259.	747.5	-7.1	16.0	16.4	99.9	81.	2.7331	2.2341	0.9810
2411.	733.1	-7.9	16.7	17.1	99.9	85.	2.6820	2.1990	0.9650
2514.	723.4	-8.3	17.4	17.8	-9.7	88.	2.6777	2.2023	0.9537
2560.	719.1	-8.6	17.5	17.9	-10.2	87.	2.5614	2.1107	0.9490
2624.	713.2	-8.8	18.0	18.4	-10.6	85.	2.4717	2.0399	0.9419
2674.	708.6	-9.1	18.2	18.6	-11.1	84.	2.3637	1.9544	0.9368
2711.	705.2	-8.9	18.8	19.2	-11.6	79.	2.2600	1.8723	0.9315
2764.	700.4	-9.4	18.8	19.2	-11.9	80.	2.1998	1.8245	0.9269
2872.	690.6	-10.2	19.1	19.5	99.9	80.	2.0469	1.6918	0.9166
3138.	667.1	-11.5	20.6	20.9	-14.0	80.	1.8176	1.5197	0.8897
3178.	663.6	-11.9	20.6	20.9	-14.3	80.	1.7683	1.4802	0.8863
3248.	657.6	-12.4	20.6	21.1	-14.6	82.	1.7202	1.4416	0.8800
3300.	653.1	-13.0	20.7	20.9	-15.1	83.	1.6487	1.3793	0.8759
3353.	648.6	-13.4	20.8	21.1	-15.5	82.	1.5830	1.3313	0.8712
3568.	630.4	-14.9	21.5	21.7	99.9	82.	1.3796	0.8013	0.8512

SOUNDING 38.0
LATITUDE -58.8 LONGITUDE 0.7
DATE 11-13-81 TIME 0604 GMT
NUMBER OF LEVELS 93

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	993.4	0.4	0.9	1.6	-0.1	96.	6.0883	4.8314	1.2699
2.	993.2	0.1	0.6	1.3	-0.3	97.	5.9887	4.7559	1.2710
36.	988.9	-0.2	0.7	1.3	-0.5	98.	5.8904	4.6812	1.2668
116.	979.1	-0.8	0.8	1.5	-0.8	100.	5.7457	4.5713	1.2569
180.	971.2	-1.4	0.9	1.5	99.9	100.	5.4663	4.3832	1.2494
223.	966.0	-1.8	0.9	1.5	99.9	100.	5.2869	4.2450	1.2444
259.	961.6	-2.1	0.9	1.5	99.9	100.	5.1559	4.1439	1.2400
307.	955.9	-2.4	1.1	1.7	99.9	100.	5.0279	4.0451	1.2340
360.	949.5	-2.8	1.2	1.8	99.9	100.	4.8617	3.9160	1.2274
412.	943.3	-3.1	1.4	2.0	99.9	100.	4.7403	3.8227	1.2207
457.	937.9	-3.5	1.5	2.0	99.9	100.	4.5828	3.7006	1.2154
509.	931.7	-3.8	1.7	2.2	99.9	100.	4.4678	3.6115	1.2086
560.	925.7	-4.2	1.8	2.3	99.9	100.	4.3186	3.4956	1.2025
607.	920.2	-4.5	2.0	2.4	99.9	100.	4.2097	3.4109	1.1966
659.	914.2	-4.9	2.1	2.5	99.9	100.	4.0684	3.3009	1.1905
698.	909.6	-5.2	2.2	2.6	99.9	100.	3.9653	3.2206	1.1858
736.	905.2	-5.5	2.2	2.7	99.9	100.	3.8645	3.1420	1.1813
778.	900.4	-5.8	2.3	2.8	99.9	100.	3.7661	3.0652	1.1763
820.	895.6	-6.1	2.4	2.9	99.9	100.	3.6700	2.9901	1.1713
862.	890.8	-6.4	2.6	3.0	99.9	100.	3.5763	2.9166	1.1662
956.	880.1	-6.6	3.3	3.7	99.9	100.	3.5147	2.8686	1.1531
994.	875.8	-4.7	5.7	6.2	-4.7	100.	4.1379	3.3398	1.1398
1022.	872.7	-3.9	6.9	7.3	-3.9	100.	4.4790	3.5643	1.1327
1053.	869.3	-3.5	7.5	8.1	-3.6	99.	4.5409	3.6519	1.1267
1102.	863.9	-3.7	8.2	8.8	-3.6	97.	4.5428	3.6518	1.1189
1126.	861.3	-3.4	8.4	8.9	-3.9	96.	4.4288	3.5641	1.1159
1167.	856.9	-3.6	8.6	9.1	-4.1	96.	4.3542	3.5067	1.1109
1188.	854.6	-3.6	8.8	9.3	-4.2	95.	4.3173	3.4783	1.1079
1219.	851.2	-3.6	9.1	9.6	-4.3	94.	4.2807	3.4501	1.1035
1258.	847.0	-3.7	9.4	9.9	-4.4	94.	4.2444	3.4220	1.0985
1326.	839.8	-3.8	10.0	10.5	99.9	93.	4.1630	3.3656	1.0895
1364.	835.7	-3.9	10.3	10.8	-4.8	93.	4.1019	3.3121	1.0846
1387.	833.3	-4.2	10.2	10.7	-5.1	93.	3.9981	3.2319	1.0820

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1426.	829.2	-4.1	10.7	11.2	-5.1	92.	3.9980	3.2318	1.0769
1465.	825.1	-4.1	11.1	11.6	-5.2	91.	3.9639	3.2054	1.0715
1485.	823.0	-4.0	11.4	11.9	-5.2	90.	3.9638	3.2054	1.0684
1565.	814.7	-3.9	12.3	12.9	99.9	89.	3.9312	3.1790	1.0573
1648.	806.2	-4.0	13.1	13.6	-5.6	87.	3.8299	3.1017	1.0466
1788.	791.9	-5.0	13.5	14.0	99.9	86.	3.4823	2.8263	1.0316
2794.	696.1	-8.8	20.0	20.4	99.9	80.	2.3240	1.9113	0.9192
2811.	694.5	-9.0	20.0	20.4	-11.5	80.	2.2803	1.8884	0.9178
2873.	689.0	-9.1	20.5	20.9	-11.7	79.	2.2396	1.8561	0.9109
2900.	686.6	-9.2	20.7	21.1	-12.1	77.	2.1603	1.7931	0.9080
2939.	683.1	-9.3	21.0	21.4	-12.2	77.	2.1409	1.7777	0.9037
2970.	680.4	-9.5	21.2	21.5	-12.4	77.	2.1025	1.7472	0.9008
3006.	677.7	-9.6	21.4	21.7	-12.5	77.	2.0836	1.7321	0.8975
3071.	671.5	-10.1	21.6	21.9	99.9	77.	2.0024	1.6543	0.8909
3116.	667.6	-10.4	21.7	22.1	-13.2	78.	1.9553	1.6298	0.8867
3140.	665.5	-10.6	21.8	22.1	-13.4	78.	1.9200	1.6016	0.8846
3185.	661.6	-10.8	22.1	22.4	-13.6	78.	1.8852	1.5739	0.8801
3218.	658.8	-11.2	22.0	22.3	-13.6	80.	1.8852	1.5738	0.8777
3253.	655.8	-11.5	22.0	22.3	-13.8	81.	1.8511	1.5465	0.8747
3276.	653.8	-11.5	22.3	22.6	-13.8	81.	1.8511	1.5465	0.8720
3333.	649.2	-11.7	22.6	22.9	-14.2	80.	1.7845	1.4932	0.8665
3379.	645.1	-12.0	22.8	23.1	-14.3	81.	1.7682	1.4801	0.8620
3399.	643.4	-12.2	22.8	23.1	-14.6	80.	1.7201	1.4415	0.8604
3439.	640.0	-12.4	23.0	23.3	-14.8	80.	1.6887	1.4163	0.8565
3476.	636.9	-12.9	22.9	23.2	-15.0	83.	1.6578	1.3915	0.8539
3548.	630.9	-13.3	23.2	23.5	-15.3	83.	1.6125	1.3550	0.8472
3593.	627.2	-13.4	23.6	23.9	-15.6	82.	1.5683	1.3194	0.8425
3621.	624.9	-13.7	23.6	23.9	-15.8	82.	1.5394	1.2962	0.8403
3689.	619.3	-14.0	24.0	24.3	-16.0	83.	1.5111	1.2733	0.8338
3710.	617.6	-14.4	23.8	24.1	-16.2	85.	1.4832	1.2507	0.8327
3740.	615.2	-14.5	24.0	24.3	-16.7	82.	1.4156	1.1961	0.8298
3782.	611.8	-14.8	24.1	24.4	-16.8	83.	1.4024	1.1854	0.8261
3816.	609.0	-14.9	24.4	24.7	-17.1	82.	1.3635	1.1539	0.8226
3870.	604.7	-15.3	24.5	24.8	-17.2	84.	1.3508	1.1435	0.8181
3906.	601.8	-15.5	24.7	25.0	-17.2	85.	1.3507	1.1435	0.8148
3936.	599.4	-15.6	24.9	25.2	-17.4	85.	1.3256	1.1231	0.8119
3980.	595.9	-15.6	25.2	25.5	-17.7	84.	1.2887	1.0931	0.8077
4017.	593.0	-16.1	25.3	25.5	-17.8	85.	1.2766	1.0832	0.8047
4058.	589.8	-15.9	26.0	26.2	-17.9	83.	1.2646	1.0735	0.7998
4081.	588.0	-16.1	26.0	26.2	-18.0	84.	1.2527	1.0638	0.7979
4127.	584.4	-16.3	26.6	26.9	-18.1	82.	1.2409	1.0542	0.7927
4172.	580.9	-16.0	27.2	27.4	-18.1	82.	1.2409	1.0542	0.7880
4202.	578.6	-16.1	27.4	27.6	-18.3	81.	1.2176	1.0352	0.7852
4247.	575.1	-16.1	27.5	28.1	-18.2	82.	1.2291	1.0446	0.7804
4279.	572.7	-16.3	28.0	28.3	-18.3	83.	1.2176	1.0352	0.7778
4322.	569.4	-16.5	28.3	28.5	-18.4	84.	1.2061	1.0258	0.7739
4353.	567.1	-16.7	28.4	28.6	-18.6	84.	1.1834	1.0073	0.7714
4418.	562.2	-16.8	29.0	29.3	-18.7	84.	1.1722	0.9982	0.7650
4420.	562.0	-17.2	28.6	28.8	-19.0	84.	1.1392	0.9713	0.7659
4470.	558.3	-17.7	28.6	28.8	-19.1	88.	1.1284	0.9624	0.7623
4494.	556.5	-18.0	28.5	28.7	-19.3	88.	1.1071	0.9450	0.7607
4552.	552.2	-18.3	28.8	29.0	-19.7	88.	1.0656	0.9110	0.7557
4598.	548.8	-18.7	28.9	29.1	-19.9	89.	1.0453	0.8944	0.7522
4617.	547.4	-18.8	29.0	29.2	-20.3	87.	1.0059	0.8620	0.7506
4651.	544.9	-19.2	28.9	29.1	-20.5	88.	0.9867	0.8463	0.7483
4710.	540.6	-19.6	29.1	29.3	-20.9	88.	0.9494	0.8155	0.7436
4717.	540.1	-20.2	28.5	28.7	-21.0	93.	0.9402	0.8080	0.7446
4755.	537.3	-20.2	28.9	29.1	-21.1	92.	0.9312	0.8005	0.7408
4824.	532.3	-21.0	28.8	28.9	-21.6	94.	0.8871	0.7641	0.7362
4877.	528.5	-21.1	29.3	29.4	-22.0	92.	0.8532	0.7361	0.7312

SOUNDING 39.0
LATITUDE -58.5 LONGITUDE 0.7
DATE 11-13-81 TIME 0857 GMT
NUMBER OF LEVELS 74

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	996.7	-0.9	-0.6	-0.2	-3.7	79.	4.5070	3.6244	1.2790
14.	995.0	-1.1	-1.1	-0.7	99.9	79.	4.3029	3.4471	1.2794
83.	988.4	-2.4	-1.3	-0.9	99.9	81.	4.0624	3.2646	1.2724
158.	977.1	-3.1	-1.3	-0.9	99.9	82.	3.9036	3.1447	1.2636
235.	967.5	-4.3	-1.4	-1.1	99.9	84.	3.6883	2.9806	1.2552
311.	958.2	-4.8	-1.5	-1.1	99.9	86.	3.5103	2.8448	1.2467
385.	949.3	-5.4	-1.4	-1.0	99.9	87.	3.3940	2.7565	1.2379
454.	940.9	-6.1	-1.4	-1.1	99.9	89.	3.2491	2.6454	1.2300
523.	932.7	-6.6	-1.2	-0.9	99.9	90.	3.1620	2.5792	1.2215
675.	914.6	-7.5	-0.6	-0.3	99.9	93.	3.0284	2.4783	1.2018
743.	906.7	-8.0	-0.5	-0.1	99.9	95.	2.9431	2.4130	1.1937
816.	898.2	-8.5	-0.3	0.1	99.9	96.	2.8628	2.3514	1.1847
886.	890.1	-8.8	0.1	0.5	99.9	98.	2.8312	2.3281	1.1753
936.	884.3	-9.4	0.0	0.3	99.9	99.	2.7147	2.2371	1.1702

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
993.	877.1	-8.8	1.3	1.6	-8.8	100.	2.9309	2.3778	1.1582
1055.	870.8	-6.8	3.9	4.3	-7.1	97.	3.3655	2.7410	1.1417
1106.	865.2	-6.1	5.2	5.6	-6.5	97.	3.5450	2.8807	1.1315
1147.	860.7	-6.7	5.3	5.4	99.9	96.	3.3393	2.7261	1.1280
1193.	855.6	-5.5	6.7	7.1	-6.1	95.	3.6694	2.9773	1.1166
1241.	850.4	-5.3	7.7	8.2	-6.0	92.	3.7011	3.0019	1.1078
1283.	845.9	-4.9	8.2	8.7	-6.0	91.	3.7010	3.0018	1.1015
1323.	841.6	-4.8	8.7	9.2	-6.0	90.	3.7010	3.0018	1.0955
1370.	836.5	-4.6	9.2	9.7	-6.1	89.	3.6691	2.9771	1.0889
1460.	827.0	-5.1	9.8	10.3	-6.3	90.	3.6062	2.9282	1.0777
1510.	821.8	-5.2	10.2	10.7	-6.5	89.	3.5444	2.8802	1.0713
1551.	817.5	-5.3	10.6	11.0	-6.6	89.	3.5138	2.8564	1.0661
1595.	812.9	-5.5	10.8	11.3	99.9	90.	3.4640	2.8163	1.0608
1635.	808.8	-5.8	10.9	11.4	99.9	90.	3.3846	2.7546	1.0566
1673.	804.8	-6.1	11.0	11.4	-7.3	90.	3.3066	2.6950	1.0525
1772.	794.7	-6.6	11.5	11.9	99.9	90.	3.1660	2.5839	1.0412
1888.	783.0	-6.9	12.4	12.8	99.9	90.	3.0837	2.5195	1.0279
2049.	766.9	-7.3	13.6	14.1	-8.5	90.	2.9770	2.4374	1.0074
2105.	761.4	-7.7	13.8	14.2	99.9	90.	2.8658	2.3481	1.0016
2211.	751.1	-7.9	14.7	15.1	-9.2	89.	2.7990	2.2977	0.9887
2422.	731.0	-8.5	16.3	16.7	-10.3	85.	2.5388	2.0929	0.9643
2472.	726.3	-9.0	16.3	16.6	-10.7	86.	2.4499	2.0226	0.9599
2608.	713.6	-10.1	16.5	16.9	99.9	86.	2.2337	1.8457	0.9469
2667.	708.1	-10.6	16.6	16.9	-12.2	87.	2.1411	1.7779	0.9413
2704.	704.7	-11.0	16.6	16.9	-12.3	89.	2.1218	1.7625	0.9382
2798.	696.1	-11.9	16.6	16.9	99.9	87.	1.9194	1.5964	0.9298
2885.	688.2	-12.4	17.0	17.3	-14.1	86.	1.8012	1.5066	0.9209
2928.	684.4	-12.5	17.3	17.6	99.9	83.	1.7305	1.4423	0.9161
2972.	680.4	-12.7	17.6	17.8	-15.1	80.	1.6429	1.3795	0.9114
3021.	676.1	-13.0	17.8	18.0	-15.4	80.	1.5979	1.3433	0.9067
3107.	668.5	-13.2	18.5	18.7	99.9	78.	1.5225	1.2719	0.8971
3153.	664.4	-13.3	18.9	19.1	-16.2	77.	1.4835	1.2510	0.8920
3195.	660.8	-13.7	18.9	19.1	-16.4	78.	1.4561	1.2288	0.8885
3243.	656.6	-14.0	19.1	19.3	99.9	78.	1.4251	1.1941	0.8838
3282.	653.2	-14.4	19.1	19.3	99.9	79.	1.3804	1.1584	0.8806
3332.	648.9	-14.7	19.3	19.5	-17.2	79.	1.3510	1.1437	0.8758
3479.	636.4	-15.5	20.0	20.2	-17.8	81.	1.2768	1.0834	0.8615
3531.	632.0	-16.0	20.0	20.2	-18.3	81.	1.2179	1.0355	0.8572
3585.	627.5	-16.1	20.5	20.7	-18.5	80.	1.1950	1.0168	0.8514
3628.	623.9	-16.4	20.6	20.8	-18.7	81.	1.1725	0.9985	0.8475
3680.	619.6	-16.7	20.9	21.1	-19.1	80.	1.1287	0.9627	0.8426
3730.	615.5	-16.8	21.3	21.5	-19.2	80.	1.1180	0.9539	0.8374
3885.	602.9	-17.1	22.7	22.9	99.9	81.	1.1046	0.9365	0.8212
3991.	594.4	-17.8	23.1	23.3	-19.9	82.	1.0455	0.8945	0.8118
4098.	586.0	-18.1	24.0	24.2	99.9	84.	1.0447	0.8891	0.8013
4405.	562.3	-19.7	25.6	25.8	-20.7	91.	0.9680	0.8308	0.7737
4547.	551.6	-21.5	25.1	25.3	-22.0	95.	0.8533	0.7362	0.7643
4608.	547.0	-21.5	25.8	26.0	-21.9	96.	0.8616	0.7431	0.7580
4664.	542.9	-22.1	25.8	25.9	-22.4	97.	0.8206	0.7091	0.7540
4720.	538.7	-22.7	25.7	25.9	-23.0	97.	0.7737	0.6702	0.7500
4828.	530.8	-23.7	25.8	25.9	99.9	98.	0.7112	0.6186	0.7419
4945.	522.4	-24.9	25.7	25.8	-24.9	100.	0.6410	0.5594	0.7336
5000.	518.4	-25.3	25.9	26.0	-25.3	100.	0.6158	0.5384	0.7292
5062.	514.0	-26.2	25.5	25.6	-26.2	100.	0.5626	0.4936	0.7256
5123.	509.7	-26.7	25.6	25.7	99.9	100.	0.5334	0.4695	0.7209
5184.	505.4	-27.5	25.4	25.5	99.9	99.	0.4904	0.4330	0.7171
5327.	495.4	-29.2	25.0	25.1	99.9	99.	0.4092	0.3638	0.7078
5519.	482.2	-30.0	26.3	26.4	-30.2	98.	0.3733	0.3329	0.6912
5701.	470.0	-30.9	27.4	27.5	-31.0	99.	0.3433	0.3072	0.6762
5772.	465.3	-31.3	27.8	27.8	-31.4	99.	0.3292	0.2951	0.6705

SOUNDING 40.0
LATITUDE -58.4 LONGITUDE 1.1
DATE 11-13-81 TIME 1517 GMT
NUMBER OF LEVELS 209

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	996.0	-2.0	-1.7	-1.2	-3.2	90.	4.7015	3.7738	1.2834
26.	992.8	-2.4	-1.8	-1.4	-3.4	92.	4.6228	3.7133	1.2811
86.	985.2	-3.2	-2.0	-1.6	-4.0	93.	4.3937	3.5371	1.2749
135.	979.1	-3.7	-2.1	-1.6	-4.6	93.	4.1756	3.3686	1.2692
177.	974.0	-4.1	-2.1	-1.6	-5.1	92.	4.0004	3.2338	1.2643
209.	970.0	-4.5	-2.2	-1.7	-5.4	93.	3.8889	3.1552	1.2610
250.	965.0	-4.8	-2.1	-1.7	-5.8	92.	3.7071	3.0532	1.2558
305.	958.2	-5.3	-2.0	-1.6	-6.1	93.	3.6710	2.9786	1.2492
348.	953.0	-5.8	-2.1	-1.7	-6.5	94.	3.5463	2.8817	1.2447
389.	948.0	-6.2	-2.1	-1.7	-6.8	95.	3.4554	2.8110	1.2399
421.	944.1	-6.5	-2.1	-1.7	-7.1	95.	3.3665	2.7418	1.2361
452.	940.4	-6.8	-2.1	-1.7	-7.3	96.	3.3085	2.6966	1.2326
486.	936.3	-7.1	-2.1	-1.7	-7.6	96.	3.2231	2.6300	1.2286
522.	932.0	-7.4	-2.0	-1.7	99.9	96.	3.1440	2.5722	1.2243

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
555.	928.0	-7.8	-2.1	-1.7	99.9	96.	3.0398	2.4904	1.2208
593.	923.5	-8.1	-2.3	-1.7	99.9	96.	2.9650	2.4317	1.2162
631.	919.0	-8.4	-1.9	-1.6	99.9	96.	2.8918	2.3742	1.2116
668.	914.8	-8.8	-2.0	-1.7	99.9	96.	2.7954	2.2983	1.2078
708.	909.9	-9.1	-1.9	-1.6	99.9	96.	2.7264	2.2440	1.2027
746.	905.4	-9.5	-1.9	-1.6	99.9	97.	2.6353	2.1721	1.1985
789.	900.3	-9.9	-1.9	-1.6	99.9	97.	2.5474	2.1027	1.1935
831.	895.5	-10.2	-1.8	-1.5	99.9	97.	2.4839	2.0525	1.1884
872.	890.7	-10.5	-1.7	-1.4	99.9	97.	2.4219	2.0035	1.1834
914.	885.8	-10.9	-1.7	-1.4	99.9	97.	2.3404	1.9389	1.1786
955.	881.1	-11.1	-1.5	-1.2	99.9	97.	2.3022	1.9086	1.1732
1005.	875.4	-11.6	-1.5	-1.2	99.9	97.	2.2050	1.8313	1.1678
1049.	870.4	-11.9	-1.3	-1.1	99.9	98.	2.1495	1.7872	1.1624
1094.	865.3	-12.2	-1.2	-0.9	99.9	98.	2.0954	1.7441	1.1569
1133.	860.8	-12.5	-1.1	-0.9	99.9	98.	2.0421	1.7017	1.1522
1171.	856.5	-12.7	-0.9	-0.7	99.9	98.	2.0081	1.6746	1.1473
1215.	851.6	-11.7	0.6	0.8	-11.0	98.	2.2011	1.8256	1.1365
1254.	847.3	-10.3	2.4	2.7	-10.9	95.	2.4077	1.9893	1.1249
1289.	843.5	-9.9	3.2	3.5	-10.6	94.	2.4731	2.0410	1.1182
1323.	839.7	-9.7	3.8	4.1	-10.5	93.	2.4952	2.0584	1.1124
1358.	835.9	-9.6	4.2	4.6	-10.4	93.	2.5174	2.0760	1.1070
1395.	832.0	-9.5	4.7	5.0	-10.5	92.	2.4951	2.0584	1.1014
1428.	828.4	-9.6	5.0	5.3	-10.6	91.	2.4729	2.0409	1.0970
1465.	824.4	-9.7	5.2	5.5	-11.1	88.	2.3648	1.9554	1.0921
1496.	821.1	-9.5	5.8	6.1	-11.8	81.	2.2208	1.8412	1.0868
1527.	817.8	-9.3	6.3	6.6	-12.1	78.	2.1615	1.7941	1.0815
1559.	814.5	-9.2	6.7	7.0	-12.4	75.	2.1037	1.7482	1.0767
1592.	811.0	-9.1	7.2	7.5	-12.4	74.	2.1037	1.7481	1.0717
1627.	807.3	-9.3	7.3	7.6	-12.5	75.	2.0847	1.7330	1.0676
1664.	803.5	-9.1	7.9	8.2	-12.6	73.	2.0659	1.7180	1.0618
1702.	799.5	-9.3	8.1	8.4	-12.7	74.	2.0472	1.7032	1.0573
1740.	795.6	-9.3	8.5	8.8	-12.7	74.	2.0472	1.7031	1.0521
1778.	791.7	-9.4	8.8	9.1	-12.9	73.	2.0103	1.6738	1.0473
1816.	787.8	-9.6	9.0	9.2	-13.0	74.	1.9921	1.6593	1.0430
1861.	783.2	-9.9	9.1	9.4	-13.2	74.	1.9562	1.6306	1.0380
1902.	779.0	-9.9	9.6	9.8	-13.3	74.	1.9385	1.6164	1.0325
1945.	774.7	-10.2	9.7	10.0	-13.5	74.	1.9034	1.5884	1.0279
2023.	766.4	-10.6	10.1	10.4	-13.7	76.	1.8689	1.5608	1.0184
2057.	762.5	-10.8	10.3	10.6	-13.8	76.	1.8519	1.5472	1.0140
2100.	759.2	-11.1	10.4	10.6	-14.0	77.	1.8183	1.5203	1.0108
2139.	755.4	-11.3	10.5	10.8	-14.2	77.	1.7853	1.4938	1.0065
2176.	751.7	-11.6	10.6	10.9	-14.4	78.	1.7526	1.4678	1.0027
2211.	748.3	-11.8	10.8	11.0	-14.5	78.	1.7367	1.4549	0.9989
2249.	744.6	-12.0	11.0	11.2	-14.7	78.	1.7050	1.4295	0.9947
2327.	737.0	-12.4	11.4	11.6	-15.1	78.	1.6433	1.3798	0.9860
2364.	733.5	-12.6	11.5	11.8	-15.2	79.	1.6281	1.3676	0.9821
2400.	730.0	-12.7	11.8	12.0	-15.5	77.	1.5836	1.3317	0.9777
2441.	726.1	-12.8	12.1	12.4	-15.6	77.	1.5689	1.3200	0.9729
2479.	722.5	-12.9	12.4	12.7	-15.7	77.	1.5544	1.3083	0.9684
2516.	719.0	-13.1	12.6	12.8	-15.8	78.	1.5400	1.2967	0.9645
2552.	715.6	-13.3	12.8	13.0	-16.0	78.	1.5117	1.2738	0.9606
2591.	711.9	-13.4	13.1	13.3	-15.9	79.	1.5258	1.2851	0.9560
2627.	708.5	-13.8	13.0	13.3	-16.2	80.	1.4838	1.2512	0.9529
2664.	705.1	-14.2	13.0	13.2	-16.6	80.	1.4294	1.2073	0.9498
2702.	701.6	-14.6	12.9	13.2	-16.9	81.	1.3898	1.1752	0.9465
2742.	697.9	-14.9	13.0	13.3	-17.1	82.	1.3640	1.1543	0.9426
2771.	695.2	-15.2	13.0	13.2	-17.4	81.	1.3261	1.1235	0.9400
2800.	691.7	-15.4	13.2	13.4	-17.6	81.	1.3014	1.1034	0.9360
2844.	688.5	-15.4	13.6	13.8	-17.7	81.	1.2892	1.0935	0.9316
2880.	685.2	-15.3	14.1	14.3	-17.8	79.	1.2771	1.0837	0.9268
2916.	681.9	-15.4	14.4	14.6	-17.9	79.	1.2650	1.0739	0.9227
2953.	678.6	-15.6	14.6	14.8	-18.1	79.	1.2414	1.0546	0.9189
2988.	675.5	-15.8	14.8	15.1	-18.1	79.	1.2413	1.0546	0.9147
3020.	672.6	-15.8	15.1	15.3	-18.2	78.	1.2296	1.0451	0.9108
3051.	669.8	-15.7	15.3	15.5	-18.3	78.	1.2181	1.0356	0.9074
3084.	666.9	-15.7	15.6	15.7	-18.3	78.	1.2180	1.0356	0.9034
3123.	663.5	-15.7	16.0	16.1	-18.3	78.	1.2180	1.0356	0.8988
3151.	661.0	-15.9	16.4	16.6	-18.4	79.	1.2065	1.0262	0.8961
3191.	657.4	-15.9	16.7	16.9	-18.5	78.	1.1951	1.0169	0.8926
3218.	655.1	-15.9	17.0	17.2	-18.5	79.	1.1951	1.0169	0.8885
3251.	652.3	-16.1	17.3	17.5	-18.6	79.	1.1838	1.0077	0.8850
3289.	649.0	-16.2	17.6	17.8	-18.7	79.	1.1726	0.9986	0.8809
3322.	646.1	-16.3	17.8	18.0	-18.8	79.	1.1615	0.9895	0.8773
3362.	642.9	-16.4	18.1	18.3	-18.9	79.	1.1505	0.9805	0.8733
3394.	640.2	-16.5	18.4	18.6	-19.0	79.	1.1396	0.9716	0.8697
3430.	636.9	-16.6	18.8	19.0	-19.0	79.	1.1396	0.9716	0.8655
3462.	634.2	-16.7	18.9	19.1	-19.1	80.	1.1288	0.9627	0.8625
3501.	630.9	-16.7	19.4	19.6	-19.2	79.	1.1181	0.9540	0.8580
3538.	627.8	-16.9	19.5	19.7	-19.3	80.	1.1074	0.9453	0.8544
3578.	624.5	-17.2	19.9	20.1	-19.4	80.	1.0969	0.9366	0.8502
3615.	621.4	-17.3	19.9	20.1	-19.6	80.	1.0761	0.9196	0.8470
3655.	617.6	-17.5	20.2	20.4	-19.7	81.	1.0659	0.9112	0.8428
3694.	614.0	-17.8	20.3	20.4	-20.1	80.	1.0257	0.8783	0.8398
3751.	611.8	-18.3	20.4	20.6	-20.2	81.	1.0159	0.8703	0.8362
3788.	608.3	-18.3	20.5	20.7	-20.3	83.	1.0062	0.8623	0.8333

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3806.	605.7	-18.5	20.7	20.9	-20.5	83.	0.9870	0.8465	0.8294
3840.	602.9	-18.7	20.9	21.0	-20.7	83.	0.9681	0.8310	0.8262
3873.	600.3	-19.0	20.9	21.1	-20.9	83.	0.9496	0.8157	0.8236
3907.	597.5	-19.3	20.9	21.1	-21.1	84.	0.9314	0.8007	0.8208
3936.	595.2	-19.5	21.0	21.2	-21.3	84.	0.9135	0.7860	0.8182
3978.	591.8	-19.8	21.2	21.3	-21.5	85.	0.8960	0.7715	0.8145
4011.	589.2	-19.9	21.4	21.6	-21.7	84.	0.8787	0.7572	0.8112
4049.	586.2	-20.2	21.5	21.6	-21.9	85.	0.8618	0.7432	0.8081
4083.	583.5	-20.5	21.5	21.7	-22.2	85.	0.8369	0.7226	0.8053
4115.	581.0	-20.8	21.5	21.7	-22.4	86.	0.8207	0.7092	0.8028
4154.	577.9	-21.0	21.8	21.9	-22.7	85.	0.7969	0.6895	0.7991
4191.	575.0	-21.2	21.9	22.1	-22.9	85.	0.7814	0.6766	0.7957
4226.	572.3	-21.4	22.1	22.3	-23.1	85.	0.7662	0.6640	0.7926
4266.	569.2	-21.6	22.3	22.5	-23.3	85.	0.7513	0.6515	0.7889
4300.	566.6	-21.7	22.6	22.7	-23.5	84.	0.7366	0.6393	0.7856
4339.	563.6	-21.9	22.8	23.0	-23.6	85.	0.7294	0.6333	0.7821
4374.	560.9	-22.0	23.1	23.2	-23.8	84.	0.7151	0.6214	0.7786
4409.	558.2	-22.2	23.2	23.3	-24.0	85.	0.7011	0.6097	0.7758
4450.	555.1	-22.5	23.4	23.5	-24.1	85.	0.6941	0.6039	0.7721
4487.	552.3	-22.8	23.5	23.6	-24.4	85.	0.6738	0.5869	0.7691
4520.	549.8	-23.1	23.5	23.6	-24.6	86.	0.6605	0.5758	0.7665
4563.	546.6	-23.5	23.5	23.6	-24.9	87.	0.6410	0.5595	0.7633
4594.	544.3	-23.8	23.5	23.6	-25.2	87.	0.6221	0.5436	0.7610
4623.	542.1	-24.1	23.5	23.6	-25.4	88.	0.6098	0.5333	0.7588
4664.	539.1	-24.4	23.6	23.7	-25.7	88.	0.5917	0.5181	0.7555
4702.	536.3	-24.7	23.7	23.8	-25.9	89.	0.5799	0.5082	0.7525
4738.	533.6	-25.0	23.8	23.9	-26.2	89.	0.5626	0.4937	0.7496
4778.	530.7	-25.3	23.9	24.0	-26.5	89.	0.5458	0.4795	0.7464
4817.	527.8	-25.5	24.1	24.2	-26.7	89.	0.5349	0.4703	0.7429
4853.	525.2	-25.8	24.1	24.3	-27.0	89.	0.5189	0.4568	0.7401
4892.	522.4	-26.1	24.2	24.3	-27.3	89.	0.5033	0.4436	0.7371
4928.	519.8	-26.4	24.3	24.4	-27.6	89.	0.4881	0.4307	0.7343
4972.	516.6	-26.7	24.5	24.6	-27.9	89.	0.4734	0.4183	0.7306
5009.	514.0	-26.9	24.7	24.8	-28.1	88.	0.4638	0.4101	0.7275
5047.	511.3	-27.2	24.7	24.8	-28.3	89.	0.4544	0.4021	0.7246
5085.	508.6	-27.5	24.8	24.9	-28.6	89.	0.4406	0.3904	0.7216
5126.	505.7	-27.8	24.8	24.9	-28.9	90.	0.4272	0.3790	0.7187
5167.	502.8	-28.2	25.0	25.0	-29.2	90.	0.4142	0.3679	0.7154
5208.	499.9	-28.5	25.1	25.2	-29.4	91.	0.4057	0.3606	0.7122
5244.	497.4	-28.8	25.0	25.1	-29.5	94.	0.4015	0.3571	0.7098
5284.	494.6	-29.1	25.3	25.3	-29.7	94.	0.3933	0.3500	0.7063
5315.	492.5	-29.5	25.1	25.2	-30.0	95.	0.3812	0.3397	0.7045
5357.	489.6	-29.8	25.3	25.3	-30.3	95.	0.3695	0.3296	0.7012
5399.	486.7	-30.1	25.4	25.5	-30.6	95.	0.3581	0.3199	0.6979
5439.	484.0	-30.5	25.4	25.5	-30.9	96.	0.3470	0.3104	0.6952
5477.	481.4	-30.8	25.5	25.6	-31.2	96.	0.3362	0.3011	0.6923
5509.	479.2	-31.2	25.4	25.4	-31.6	96.	0.3224	0.2892	0.6902
5565.	475.4	-31.6	25.6	25.6	-32.3	93.	0.2994	0.2693	0.6859
5595.	473.4	-31.6	25.9	26.0	-32.4	92.	0.2962	0.2666	0.6830
5639.	470.5	-31.9	26.1	26.1	-32.5	94.	0.2931	0.2639	0.6797
5678.	467.9	-32.1	26.3	26.4	-32.7	94.	0.2869	0.2586	0.6765
5720.	465.1	-32.4	26.4	26.5	-33.0	94.	0.2779	0.2507	0.6732
5761.	462.4	-32.8	26.4	26.5	-33.3	95.	0.2691	0.2431	0.6704
5804.	459.6	-32.9	26.8	26.9	-33.5	94.	0.2634	0.2382	0.6667
5845.	456.9	-33.2	27.0	27.0	-33.8	94.	0.2551	0.2309	0.6636
5891.	453.9	-33.5	27.2	27.2	-34.1	94.	0.2470	0.2239	0.6600
5933.	451.2	-33.8	27.3	27.3	-34.4	94.	0.2391	0.2170	0.6569
5986.	447.8	-34.2	27.4	27.5	-34.8	94.	0.2290	0.2082	0.6530
6026.	445.2	-34.5	27.5	27.5	-35.1	94.	0.2217	0.2018	0.6501
6059.	443.1	-35.0	27.3	27.4	-35.5	95.	0.2122	0.1935	0.6483
6102.	440.4	-35.3	27.5	27.5	-35.9	94.	0.2032	0.1856	0.6452
6142.	437.9	-35.6	27.6	27.6	-36.2	94.	0.1966	0.1798	0.6423
6191.	434.8	-35.8	27.9	28.0	-36.4	94.	0.1923	0.1760	0.6383
6242.	431.6	-36.0	28.3	28.4	-36.7	93.	0.1861	0.1705	0.6342
6289.	428.7	-36.3	28.5	28.6	-37.0	93.	0.1801	0.1652	0.6307
6339.	425.6	-36.6	28.8	28.8	-37.2	94.	0.1761	0.1617	0.6269
6386.	422.7	-36.8	29.1	29.1	-37.5	93.	0.1704	0.1567	0.6232
6435.	419.7	-36.9	29.4	29.4	-37.6	93.	0.1685	0.1550	0.6190
6477.	417.2	-36.9	30.1	30.2	-37.8	91.	0.1648	0.1517	0.6153
6520.	414.6	-36.7	30.9	31.0	-37.7	90.	0.1666	0.1533	0.6110
6565.	411.9	-36.6	31.6	31.6	-37.6	90.	0.1685	0.1550	0.6067
6612.	409.1	-36.6	32.2	32.2	-37.7	89.	0.1666	0.1533	0.6026
6655.	406.6	-37.0	32.2	32.3	-37.8	92.	0.1648	0.1517	0.6000
6704.	403.7	-37.2	32.6	32.6	-37.9	93.	0.1630	0.1501	0.5962
6752.	400.9	-37.5	32.8	32.8	-38.2	93.	0.1576	0.1454	0.5928
6793.	398.5	-37.9	32.9	33.0	-38.5	92.	0.1524	0.1407	0.5900
6838.	395.9	-38.1	33.1	33.2	-38.8	92.	0.1474	0.1363	0.5869
6882.	393.4	-38.4	33.3	33.3	-39.1	92.	0.1425	0.1319	0.5839
6922.	391.1	-38.6	33.5	33.6	-39.3	92.	0.1393	0.1291	0.5810
6961.	388.9	-38.8	33.8	33.8	-39.6	91.	0.1347	0.1250	0.5782
7003.	386.2	-39.2	33.8	33.9	-39.8	93.	0.1317	0.1223	0.5752
7048.	384.0	-39.3	34.2	34.3	-40.0	92.	0.1288	0.1197	0.5722
7094.	381.4	-39.5	34.6	34.6	-40.2	92.	0.1259	0.1171	0.5688
7139.	378.9	-40.2	34.2	34.3	-40.9	92.	0.1162	0.1085	0.5667
7180.	376.6	-40.3	34.6	34.6	-41.0	92.	0.1149	0.1073	0.5635

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
7262.	372.1	-40.6	35.3	35.3	99.9	92.	0.1111	0.1035	0.5575
7306.	369.7	-40.7	35.7	35.7	-41.4	92.	0.1098	0.1026	0.5542
7399.	364.7	-40.9	36.6	36.7	-41.7	91.	0.1061	0.0993	0.5471
7440.	362.5	-41.0	37.0	37.1	-41.7	92.	0.1061	0.0993	0.5441
7481.	360.3	-41.3	37.2	37.2	-41.9	93.	0.1037	0.0971	0.5415
7519.	358.3	-41.5	37.4	37.4	-42.1	93.	0.1013	0.0950	0.5389
7560.	356.1	-41.6	37.8	37.9	-42.3	92.	0.0990	0.0929	0.5358
7604.	353.8	-41.8	38.1	38.2	-42.6	91.	0.0956	0.0899	0.5328
7633.	352.3	-41.9	38.4	38.4	-42.7	91.	0.0945	0.0889	0.5308
7666.	350.6	-42.1	38.5	38.6	-42.6	94.	0.0956	0.0899	0.5287
7855.	340.9	-43.4	39.3	39.3	-44.2	91.	0.0793	0.0751	0.5170
7890.	339.1	-43.7	39.3	39.4	-44.4	92.	0.0775	0.0734	0.5149
7964.	335.4	-44.8	38.8	38.8	99.9	92.	0.0683	0.0648	0.5117
8133.	327.0	-45.6	40.0	40.0	99.9	93.	0.0625	0.0595	0.5007
8180.	324.7	-46.0	40.1	40.1	-46.6	93.	0.0597	0.0571	0.4980
8259.	318.9	-46.9	40.4	40.5	-47.5	93.	0.0536	0.0514	0.4911
8334.	317.2	-47.2	40.5	40.5	-47.7	94.	0.0523	0.0502	0.4891
8368.	315.6	-47.3	40.8	40.8	-47.9	93.	0.0510	0.0491	0.4868
8526.	309.1	-48.6	41.2	41.2	-49.3	92.	0.0430	0.0416	0.4780
8543.	307.3	-48.9	41.0	41.0	-49.3	95.	0.0430	0.0416	0.4774
8584.	305.4	-49.1	41.2	41.3	-49.6	94.	0.0415	0.0402	0.4749

SOUNDING 41.0
LATITUDE -58.5 LONGITUDE 1.1
DATE 11-13-81 TIME 1807 GMT
NUMBER OF LEVELS 21

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.3	-3.3	-2.9	-2.5	-4.5	90.	4.2110	3.3964	1.2883
9.	994.2	-3.5	-3.1	-2.6	-4.8	90.	4.1046	3.3143	1.2877
60.	985.3	-4.2	-3.1	-2.7	-5.3	91.	3.9327	3.1814	1.2794
138.	978.0	-4.8	-3.1	-2.7	-5.8	92.	3.7673	3.0533	1.2726
197.	970.7	-5.4	-3.1	-2.7	-6.4	92.	3.5774	2.9059	1.2658
257.	963.3	-5.9	-3.0	-2.7	-6.8	93.	3.4556	2.8112	1.2585
318.	955.8	-6.4	-2.9	-2.6	-7.2	93.	3.3376	2.7193	1.2509
375.	948.8	-7.0	-3.0	-2.6	-7.6	95.	3.2233	2.6301	1.2445
430.	942.1	-7.6	-3.0	-2.7	-8.0	97.	3.1126	2.5436	1.2384
485.	935.5	-8.1	-3.0	-2.7	-8.4	97.	3.0054	2.4597	1.2320
547.	928.0	-8.7	-3.0	-2.7	99.9	97.	2.8512	1.6561	1.2241
611.	920.4	-9.3	-3.0	-2.7	99.9	97.	2.7043	1.5708	1.2168
676.	912.7	-9.8	-2.8	-2.5	99.9	97.	2.5872	1.5027	1.2088
730.	906.3	-10.3	-2.8	-2.5	99.9	97.	2.4748	1.4374	1.2026
785.	899.8	-10.7	-2.7	-2.4	99.9	97.	2.3981	1.3871	1.1957
836.	893.9	-11.1	-2.6	-2.3	99.9	97.	2.3041	1.3383	1.1897
884.	888.3	-11.4	-2.4	-2.1	99.9	97.	2.2430	1.3028	1.1835
940.	881.8	-11.9	-2.3	-2.1	99.9	97.	2.1443	1.2455	1.1771
1007.	874.1	-12.4	-2.2	-1.9	99.9	97.	2.0496	1.1905	1.1690
1059.	868.2	-12.9	-2.2	-1.9	99.9	97.	1.9588	1.1378	1.1633
1096.	863.9	-13.2	-2.1	-1.9	99.9	97.	1.9061	1.1071	1.1588

SOUNDING 42.0
LATITUDE -58.4 LONGITUDE 1.2
DATE 11-13-81 TIME 2057 GMT
NUMBER OF LEVELS 45

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	993.0	-3.6	-3.3	-2.9	-4.6	92.	4.1046	3.3143	1.2876
29.	989.3	-4.0	-3.2	-2.8	-5.0	92.	4.0350	3.2605	1.2837
91.	981.6	-4.7	-3.3	-2.9	-5.5	93.	3.8658	3.1296	1.2769
178.	970.8	-5.5	-3.4	-2.8	-5.2	94.	3.6397	2.9543	1.2665
263.	960.3	-6.3	-3.4	-2.8	-6.7	97.	3.4856	2.8345	1.2565
347.	950.0	-7.2	-3.5	-2.9	-7.3	99.	3.3086	2.6967	1.2471
442.	938.4	-8.2	-3.5	-3.0	99.9	99.	3.0132	2.4722	1.2363
535.	927.2	-9.0	-3.5	-2.9	99.9	98.	2.7914	2.2967	1.2251
625.	916.5	-9.8	-3.5	-3.0	99.9	97.	2.5624	2.1151	1.2149
713.	906.1	-10.6	-3.5	-3.0	99.9	97.	2.3511	1.9469	1.2051
811.	894.6	-11.5	-3.5	-2.8	99.9	96.	2.1935	1.8210	1.1929
901.	884.1	-12.2	-2.9	-2.6	99.9	96.	2.0468	1.7035	1.1819
982.	874.7	-12.9	-2.8	-2.5	99.9	95.	1.9132	1.5939	1.1724
1069.	864.8	-13.6	-2.8	-2.4	99.9	94.	1.7814	1.4903	1.1622
1161.	854.4	-14.2	-2.3	-2.1	99.9	94.	1.6754	1.4047	1.1508
1237.	845.8	-14.9	-2.2	-2.1	99.9	93.	1.5624	1.3133	1.1422
1288.	840.2	-13.1	0.2	0.4	-13.9	93.	1.8356	1.5342	1.1271
1359.	832.4	-12.6	1.4	1.7	-13.2	95.	1.9566	1.6309	1.1146
1425.	825.2	-12.8	1.9	2.1	-13.2	96.	1.9566	1.6309	1.1058
1480.	819.2	-12.6	2.7	2.9	-13.2	95.	1.9565	1.6308	1.0969
1534.	813.5	-12.7	3.1	3.4	-13.2	96.	1.9565	1.6308	1.0897

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
1595.	807.0	-12.7	3.8	4.0	-13.2	96.	1.9564	1.6308	1.0810
1712.	794.7	-13.4	4.2	4.5	99.9	96.	1.8464	1.5438	1.0673
1774.	788.2	-13.6	4.7	4.9	-14.0	96.	1.8185	1.5205	1.0594
1829.	782.5	-14.0	4.8	5.0	-14.3	97.	1.7692	1.4809	1.0533
1887.	776.5	-14.5	4.9	5.1	-14.7	98.	1.7053	1.4297	1.0473
2006.	764.4	-15.2	5.4	5.6	99.9	96.	1.5696	1.3212	1.0336
2068.	758.2	-15.6	5.6	5.8	-16.1	95.	1.4979	1.2627	1.0268
2137.	751.2	-15.7	6.2	6.4	-16.9	89.	1.3901	1.1755	1.0176
2196.	745.4	-15.9	6.6	6.8	-17.4	87.	1.3264	1.1238	1.0105
2258.	739.3	-16.2	7.0	7.1	-17.8	86.	1.2773	1.0839	1.0034
2317.	733.5	-16.5	7.3	7.4	-18.2	85.	1.2300	1.0453	0.9967
2372.	728.1	-16.9	7.4	7.6	-18.6	85.	1.1842	1.0080	0.9908
2438.	721.7	-17.3	7.7	7.8	-19.0	85.	1.1400	0.9719	0.9836
2551.	710.9	-18.1	8.0	8.2	99.9	85.	1.0563	0.8987	0.9719
2608.	705.5	-18.3	8.4	8.6	-20.0	85.	1.0360	0.8868	0.9653
2671.	699.5	-18.4	9.0	9.1	-20.2	84.	1.0163	0.8706	0.9574
2725.	694.5	-18.2	9.8	9.9	-20.2	83.	1.0163	0.8706	0.9498
2789.	688.6	-18.4	10.2	10.4	-20.2	84.	1.0162	0.8705	0.9425
2848.	683.1	-18.6	10.7	10.8	-20.3	85.	1.0065	0.8625	0.9357
2907.	677.7	-18.8	11.1	11.3	-20.5	85.	0.9873	0.8467	0.9290
2966.	672.4	-19.0	11.5	11.7	-20.7	85.	0.9684	0.8312	0.9225
3080.	662.1	-19.6	12.1	12.2	-21.2	86.	0.9227	0.7935	0.9105
3201.	651.4	-20.4	12.5	12.7	-21.9	86.	0.8620	0.7434	0.8986
3261.	646.1	-20.8	12.7	12.9	-22.2	87.	0.8371	0.7228	0.8926

SOUNDING 43.0
LATITUDE -57.4 LONGITUDE 0.6
DATE 11-14-81 TIME 0342 GMT
NUMBER OF LEVELS 67

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	995.2	-4.3	-3.9	-3.5	-4.9	95.	4.0698	3.2874	1.2928
6.	994.4	-4.6	-4.2	-3.8	-5.2	95.	3.9667	3.2077	1.2931
90.	983.8	-5.4	-4.1	-3.8	-5.7	97.	3.8000	3.0786	1.2831
158.	975.3	-6.2	-4.3	-3.9	-6.5	97.	3.5466	2.8820	1.2756
237.	965.5	-7.1	-4.4	-4.1	-7.1	100.	3.3668	2.7421	1.2669
323.	954.9	-7.8	-4.3	-3.9	-7.8	100.	3.1676	2.5866	1.2562
415.	943.6	-8.5	-4.1	-3.8	99.9	100.	2.9665	2.4365	1.2445
513.	931.8	-9.1	-3.7	-3.4	99.9	99.	2.8012	2.3056	1.2316
598.	921.6	-9.8	-3.6	-3.3	99.9	99.	2.6226	2.1640	1.2213
680.	911.8	-10.4	-3.4	-3.1	99.9	98.	2.4767	2.0480	1.2109
772.	900.9	-11.0	-3.1	-2.8	99.9	98.	2.3372	1.9369	1.1991
863.	890.3	-11.8	-3.0	-2.7	99.9	97.	2.1659	1.8001	1.1885
946.	880.7	-12.5	-2.9	-2.6	99.9	97.	2.0251	1.6874	1.1787
1025.	871.6	-12.7	-2.3	-2.0	99.9	97.	1.9811	1.6519	1.1674
1086.	864.7	-11.8	-0.7	-0.5	-12.2	96.	2.1425	1.7790	1.1544
1154.	857.0	-11.1	0.7	1.0	-11.5	96.	2.2818	1.8896	1.1412
1220.	849.7	-11.0	1.5	1.8	-11.3	97.	2.3231	1.9223	1.1311
1286.	842.4	-11.0	2.2	2.4	-11.3	97.	2.3230	1.9223	1.1214
1356.	834.7	-10.9	3.0	3.3	-11.2	97.	2.3438	1.9388	1.1107
1433.	826.4	-10.8	3.9	4.2	-11.1	97.	2.3648	1.9554	1.0993
1502.	819.0	-11.0	4.4	4.7	-11.2	98.	2.3437	1.9386	1.0903
1567.	812.1	-11.1	5.0	5.3	-11.2	99.	2.3436	1.9386	1.0815
1631.	805.4	-11.4	5.3	5.6	-11.4	100.	2.3019	1.9055	1.0738
1694.	798.7	-11.7	5.6	5.9	-11.7	100.	2.2406	1.8569	1.0661
1756.	792.3	-12.0	6.0	6.2	-12.0	100.	2.1809	1.8095	1.0587
1819.	785.8	-12.4	6.2	6.5	-12.4	100.	2.1035	1.7479	1.0516
1882.	779.3	-12.7	6.5	6.8	-12.7	100.	2.0470	1.7030	1.0440
1944.	773.0	-13.0	6.9	7.1	-13.0	100.	1.9920	1.6592	1.0368
2006.	766.7	-13.1	7.4	7.7	-13.2	99.	1.9561	1.6305	1.0287
2066.	760.7	-13.2	7.9	8.2	-13.3	99.	1.9383	1.6163	1.0210
2194.	748.0	-13.7	8.7	9.2	-13.8	99.	1.8518	1.5471	1.0059
2263.	741.2	-14.1	9.0	9.3	-14.1	100.	1.8016	1.5069	0.9982
2330.	734.7	-14.6	9.2	9.4	-14.6	100.	1.7207	1.4421	0.9913
2400.	727.9	-15.1	9.4	9.6	-15.1	100.	1.6432	1.3798	0.9840
2530.	715.5	-15.9	9.9	10.1	99.9	100.	1.5258	1.2879	0.9702
2672.	702.1	-16.7	10.6	10.8	99.9	100.	1.4161	1.1989	0.9549
2739.	695.8	-17.0	11.0	11.2	-17.0	100.	1.3768	1.1647	0.9474
2805.	689.7	-17.3	11.3	11.5	-17.3	100.	1.3386	1.1337	0.9402
2872.	683.6	-17.7	11.6	11.8	-17.7	100.	1.2891	1.0935	0.9333
2943.	677.1	-18.1	11.9	12.1	-18.1	100.	1.2414	1.0546	0.9259
3004.	671.6	-18.6	12.1	12.2	-18.6	100.	1.1839	1.0078	0.9201
3082.	664.6	-19.1	12.3	12.5	99.9	100.	1.1299	0.9645	0.9123
3147.	658.8	-19.5	12.6	12.8	-19.5	100.	1.0860	0.9282	0.9057
3219.	652.4	-19.9	13.0	13.1	-19.9	100.	1.0458	0.8948	0.8983
3287.	646.5	-20.3	13.2	13.4	99.9	100.	1.0063	0.8637	0.8916
3358.	640.3	-20.8	13.5	13.6	99.9	100.	0.9590	0.8247	0.8847
3425.	634.5	-21.2	13.8	13.9	99.9	100.	0.9226	0.7946	0.8781
3496.	628.4	-21.7	14.0	14.1	-21.7	100.	0.8789	0.7573	0.8713
3549.	623.9	-22.1	14.1	14.3	-22.1	100.	0.8453	0.7295	0.8665
3628.	617.2	-22.7	14.3	14.5	99.9	100.	0.7971	0.6905	0.8592

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3696.	611.5	-23.3	14.4	14.5	99.9	100.	0.7514	0.6525	0.8533
3774.	605.0	-23.8	14.7	14.8	-23.8	100.	0.7152	0.6215	0.8459
3853.	598.5	-24.5	14.8	14.9	99.9	100.	0.6663	0.5813	0.8391
3927.	592.4	-25.2	14.8	14.9	99.9	100.	0.6205	0.5428	0.8328
4028.	584.2	-25.8	15.2	15.4	99.9	100.	0.5832	0.5114	0.8233
4263.	565.4	-28.2	15.1	15.2	99.9	99.	0.4551	0.4029	0.8045
4340.	559.4	-28.1	16.1	16.2	-28.2	99.	0.4592	0.4062	0.7956
4482.	548.4	-28.2	17.7	17.7	99.9	100.	0.4576	0.4051	0.7803
4552.	543.1	-28.5	18.1	18.2	-28.5	100.	0.4452	0.3943	0.7737
4607.	538.9	-28.9	18.3	18.4	-28.9	100.	0.4273	0.3790	0.7690
4707.	531.4	-29.2	19.1	19.2	-29.2	100.	0.4142	0.3679	0.7592
4867.	519.6	-30.2	19.8	19.8	99.9	100.	0.3734	0.3332	0.7454
4918.	515.9	-31.4	18.9	19.0	-31.4	100.	0.3293	0.2951	0.7437
4991.	510.6	-31.7	19.4	19.5	-31.7	100.	0.3190	0.2863	0.7370
5332.	486.4	-33.5	21.3	21.3	99.9	100.	0.2635	0.1530	0.7072
6026.	440.1	-38.2	23.9	23.9	99.9	100.	0.1576	0.0916	0.6526
6150.	432.2	-39.6	23.6	23.7	99.9	100.	0.1347	0.0783	0.6447

SOUNDING 44.0
LATITUDE -56.5 LONGITUDE 0.2
DATE 11-14-81 TIME 0559 GMT
NUMBER OF LEVELS 68

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
3.	995.5	-5.2	-4.7	-4.3	-5.8	93.	3.7676	3.0536	1.2963
27.	992.1	-5.5	-4.9	-4.5	-5.8	97.	3.7676	3.0535	1.2943
93.	983.7	-6.3	-5.0	-4.7	-6.5	98.	3.5468	2.8821	1.2871
177.	973.2	-7.1	-5.0	-4.7	-7.2	99.	3.3378	2.7195	1.2770
244.	964.8	-7.9	-5.2	-4.8	-7.9	100.	3.1402	2.5652	1.2697
324.	954.9	-8.4	-4.9	-4.6	99.9	99.	2.9876	2.4528	1.2589
402.	945.4	-9.2	-4.9	-4.6	99.9	99.	2.7683	2.2792	1.2500
476.	936.4	-9.8	-4.8	-4.5	99.9	98.	2.6104	2.1538	1.2408
552.	927.1	-10.5	-4.8	-4.5	99.9	98.	2.4384	2.0169	1.2317
632.	917.6	-11.0	-4.5	-4.2	99.9	97.	2.3176	1.9204	1.2213
716.	907.5	-11.6	-4.2	-4.0	99.9	96.	2.1816	1.8117	1.2105
802.	897.4	-11.8	-3.6	-3.4	99.9	96.	2.1282	1.7686	1.1979
885.	887.7	-12.5	-3.5	-3.3	99.9	95.	1.9847	1.6536	1.1881
969.	877.9	-13.3	-3.5	-3.2	99.9	95.	1.8331	1.5318	1.1785
1054.	868.2	-11.7	-0.9	-0.7	-12.4	94.	2.1042	1.7485	1.1586
1112.	861.7	-10.6	0.8	1.1	-11.6	91.	2.2615	1.8735	1.1452
1174.	854.7	-10.4	1.7	1.9	-11.2	93.	2.3440	1.9389	1.1351
1246.	846.8	-10.7	2.1	2.3	-11.4	94.	2.3023	1.9059	1.1259
1313.	839.4	-10.8	2.7	2.9	-11.6	93.	2.2612	1.8733	1.1165
1378.	832.4	-11.0	3.1	3.4	-11.9	92.	2.2010	1.8255	1.1080
1451.	824.5	-10.7	4.2	4.5	-11.8	91.	2.2208	1.8412	1.0962
1517.	817.4	-10.9	4.6	4.9	-12.1	90.	2.1615	1.7941	1.0876
1592.	809.5	-11.2	5.1	5.4	-12.6	88.	2.0659	1.7181	1.0782
1661.	802.2	-11.7	5.3	5.5	-13.2	87.	1.9564	1.6307	1.0705
1749.	793.0	-12.1	5.8	6.0	-13.5	88.	1.9036	1.5885	1.0598
1830.	784.6	-12.4	6.3	6.6	-14.0	86.	1.8185	1.5205	1.0497
1909.	776.6	-12.4	7.1	7.4	-14.5	83.	1.7369	1.4551	1.0390
1977.	769.7	-12.5	7.7	8.0	-14.8	81.	1.6896	1.4171	1.0301
2055.	761.8	-12.7	8.3	8.6	-15.0	81.	1.6587	1.3922	1.0203
2132.	754.2	-13.2	8.6	8.8	-15.4	82.	1.5984	1.3437	1.0120
2212.	746.3	-13.6	9.0	9.2	-15.7	82.	1.5546	1.3084	1.0030
2290.	738.6	-14.1	9.3	9.5	-16.0	84.	1.5118	1.2739	0.9945
2372.	730.7	-14.7	9.5	9.7	-16.5	85.	1.4430	1.2182	0.9861
2450.	723.2	-15.2	9.8	10.0	-16.9	85.	1.3900	1.1753	0.9779
2531.	715.4	-15.5	10.4	10.6	-17.5	83.	1.3138	1.1135	0.9684
2603.	708.6	-16.0	10.6	10.8	-17.9	84.	1.2652	1.0740	0.9610
2675.	701.9	-16.2	11.1	11.3	-18.3	82.	1.2182	1.0358	0.9526
2745.	695.4	-16.2	11.9	12.1	99.9	83.	1.2293	1.0385	0.9438
2820.	688.5	-16.3	12.6	12.8	-18.2	84.	1.2297	1.0451	0.9348
2894.	681.7	-16.6	13.1	13.3	-18.8	81.	1.1617	0.9896	0.9266
2979.	674.0	-16.7	13.	14.1	-19.1	80.	1.1290	0.9629	0.9165
3062.	666.6	-16.7	14.8	15.0	-19.2	79.	1.1182	0.9541	0.9065
3135.	660.2	-17.0	15.3	15.4	99.9	80.	1.0971	0.9296	0.8988
3206.	653.9	-17.4	15.6	15.8	-19.7	80.	1.0660	0.9114	0.8916
3261.	649.1	-17.8	15.7	15.9	99.9	82.	1.0415	0.8852	0.8864
3347.	641.7	-18.6	15.8	16.0	-20.5	83.	0.9871	0.8466	0.8790
3499.	628.7	-19.5	16.5	16.6	99.9	84.	0.9169	0.7844	0.8642
3568.	622.9	-20.1	16.5	16.7	-21.8	85.	0.8703	0.7503	0.8583
3731.	609.3	-21.3	17.3	17.5	-22.8	84.	0.7893	0.6831	0.8425
3810.	602.8	-21.5	17.6	17.8	-23.4	83.	0.7440	0.6455	0.8351
3872.	597.7	-21.8	18.0	18.1	-23.4	85.	0.7440	0.6455	0.8290
3950.	591.4	-22.0	18.7	18.8	-23.7	85.	0.7223	0.6274	0.8209
4104.	579.1	-22.9	19.4	19.5	99.9	86.	0.6710	0.5817	0.8067
4182.	573.0	-23.4	19.7	19.8	99.9	86.	0.6434	0.5588	0.7998
4246.	568.0	-23.8	19.9	20.0	-25.2	87.	0.6222	0.5437	0.7941
4323.	562.0	-24.3	20.2	20.3	-25.7	87.	0.5917	0.5182	0.7873
4382.	557.5	-25.3	20.1	20.2	-26.0	90.	0.5741	0.5034	0.7831

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
4535.	545.8	-25.8	20.9	21.0	99.9	90.	0.5295	0.4643	0.7692
4622.	539.3	-26.4	21.2	21.3	-27.4	90.	0.4982	0.4393	0.7618
4683.	534.7	-27.3	20.8	20.9	-28.2	91.	0.4591	0.4061	0.7581
4822.	524.5	-28.3	21.3	21.3	-29.1	92.	0.4185	0.3716	0.7466
4905.	518.4	-28.8	21.6	21.7	-29.5	93.	0.4015	0.3571	0.7394
5040.	508.7	-29.9	21.9	22.0	99.9	91.	0.3514	0.3132	0.7288
5124.	502.7	-29.9	22.9	23.0	-30.9	90.	0.3470	0.3104	0.7202
5195.	497.7	-30.6	22.9	23.0	-31.3	93.	0.3327	0.2981	0.7151
5264.	492.9	-30.8	23.5	23.5	-31.6	92.	0.3224	0.2892	0.7088
5336.	487.9	-31.5	23.5	23.5	-32.1	94.	0.3058	0.2749	0.7036
5482.	477.9	-33.0	23.4	23.4	-33.3	97.	0.2691	0.2431	0.6935

SOUNDING 45.0
LATITUDE -56.5 LONGITUDE -0.1
DATE 11-14-81 TIME 0847 GMT
NUMBER OF LEVELS 4

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	996.2	-3.8	-3.5	-3.1	-4.8	92.	4.1047	3.3143	1.2917
11.	994.8	-4.0	-3.6	-3.2	99.9	92.	4.0476	3.2718	1.2908
95.	984.3	-5.0	-3.8	-3.4	-5.7	94.	3.8000	3.0786	1.2818
151.	977.2	-5.7	-3.9	-3.6	-6.3	95.	3.6085	2.9301	1.2758

SOUNDING 46.0
LATITUDE -52.9 LONGITUDE -8.6
DATE 11-16-81 TIME 1136 GMT
NUMBER OF LEVELS 52

HEIGHT (M)	PRES (MB)	T (C)	THETA (C)	THETAV (C)	DEW POINT (C)	REL HUM (%)	E (MB)	1E+3*RHOW (G/M**3)	RHO (KG/M**3)
0.	994.5	0.1	0.5	1.2	0.0	99.	6.1374	4.8686	1.2727
69.	986.0	0.0	1.1	1.7	0.0	100.	6.1372	4.8684	1.2624
157.	975.2	0.0	2.0	2.6	-0.2	98.	6.0379	4.7931	1.2485
243.	964.8	0.0	2.8	3.5	-0.2	98.	6.0376	4.7929	1.2352
327.	954.7	0.1	3.7	4.4	-0.1	98.	6.0873	4.8306	1.2220
403.	945.7	0.0	4.4	5.1	-0.1	99.	6.0871	4.8305	1.2109
490.	935.5	-0.1	5.1	5.8	-0.2	99.	6.0369	4.7923	1.1983
577.	925.3	-0.3	5.8	6.5	-0.4	99.	5.9378	4.7171	1.1861
648.	917.2	-0.6	6.2	6.9	-0.7	99.	5.7920	4.6064	1.1769
733.	907.4	-1.1	6.6	7.2	-1.1	100.	5.6028	4.4625	1.1664
820.	897.6	-1.6	6.9	7.5	-1.6	100.	5.3743	4.2884	1.1558
898.	888.8	-2.1	7.2	7.8	-2.1	100.	5.1544	4.1204	1.1464
991.	878.5	-2.2	8.0	8.6	-2.3	99.	5.0686	4.0548	1.1335
1107.	865.7	-1.6	9.8	10.5	-2.0	97.	5.1971	4.1531	1.1147
1188.	857.0	-1.7	10.5	11.2	-2.0	98.	5.1970	4.1530	1.1040
1276.	847.5	-2.2	10.9	11.6	-2.3	99.	5.0679	4.0543	1.0937
1357.	838.9	-2.8	11.1	11.7	-2.9	99.	4.8187	3.8635	1.0843
1438.	830.4	-3.3	11.4	12.0	-3.4	99.	4.6196	3.7108	1.0757
1525.	821.3	-3.7	11.9	12.5	-3.8	99.	4.4657	3.5925	1.0654
1706.	802.6	-3.9	13.6	14.1	99.9	96.	4.2659	3.4513	1.0419
1792.	793.9	-4.3	14.0	14.6	-4.9	95.	4.0663	3.2846	1.0320
1876.	785.5	-4.7	14.5	15.0	-5.4	94.	3.8959	3.1528	1.0225
1972.	776.0	-5.3	14.8	15.4	-5.8	96.	3.7642	3.0508	1.0123
2061.	767.2	-5.9	15.1	15.6	-6.3	97.	3.6353	2.9275	1.0030
2146.	758.9	-6.3	15.6	16.1	-6.6	97.	3.5129	2.8557	0.9936
2237.	750.1	-6.8	16.0	16.5	-7.0	98.	3.3931	2.7625	0.9838
2332.	741.0	-7.1	16.7	17.2	-7.5	97.	3.2487	2.6498	0.9729
2428.	731.9	-8.0	16.7	17.2	99.9	98.	3.0561	2.5079	0.9641
2526.	722.7	-8.8	16.9	17.3	-8.8	100.	2.8990	2.3763	0.9547
2623.	713.7	-9.6	17.1	17.5	99.9	100.	2.7014	2.2294	0.9456
2709.	705.8	-10.0	17.5	17.9	99.9	100.	2.6072	2.1547	0.9365
2803.	697.2	-10.5	18.0	18.4	99.9	100.	2.4937	2.0646	0.9268
2983.	681.1	-11.5	18.8	19.2	99.9	100.	2.2801	1.8946	0.9087
3082.	672.3	-12.1	19.2	19.6	-12.1	100.	2.1602	1.7930	0.8989
3181.	663.6	-12.8	19.6	19.9	-13.0	98.	1.9911	1.6584	0.8896
3275.	655.5	-13.5	19.8	20.1	-14.4	92.	1.7521	1.4672	0.8809
3370.	647.3	-14.1	20.2	20.4	-15.5	88.	1.5830	1.3313	0.8718
3489.	637.2	-15.3	20.1	20.4	-16.6	89.	1.4290	1.2069	0.8621
3878.	605.1	-17.6	21.8	22.0	99.9	91.	1.1855	1.0071	0.8259
3982.	596.7	-18.3	22.2	22.4	-19.2	92.	1.1179	0.9538	0.8166
4071.	589.6	-19.7	21.6	21.8	-20.4	94.	0.9965	0.8543	0.8112
4162.	580.8	-20.4	22.0	22.2	-21.0	94.	0.9404	0.8081	0.8013
4347.	568.0	-21.0	23.2	23.4	-21.6	94.	0.8672	0.7642	0.7855
4462.	559.2	-22.7	22.5	22.7	-23.0	97.	0.7738	0.6702	0.7785
4645.	545.3	-24.1	23.0	23.1	99.9	92.	0.6373	0.5551	0.7633
4737.	538.5	-24.1	24.1	24.2	99.9	89.	0.6190	0.5392	0.7538
4842.	530.8	-23.6	25.9	26.0	-25.1	86.	0.6283	0.5488	0.7415
4900.	526.6	-23.8	26.3	26.5	99.9	86.	0.6177	0.5374	0.7362
5442.	488.7	-26.1	30.0	30.1	-27.3	89.	0.5032	0.4435	0.6895
5634.	475.9	-26.7	31.5	31.6	99.9	87.	0.4634	0.4078	0.6731
5719.	470.3	-27.0	32.2	32.3	-28.5	86.	0.4451	0.3942	0.6660
5808.	464.5	-27.9	32.1	32.2	-29.4	86.	0.4056	0.3606	0.6601

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