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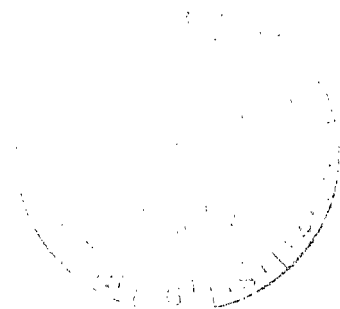
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**DATA FOR NASA'S AVSSE II EXPERIMENT:
25 MB SOUNDING DATA AND SYNOPTIC CHARTS**

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16. ABSTRACT This report describes the AVSSE II Experiment and presents tabulated rawinsonde data at 25 mb intervals from the surface to 25 mb for the 23 stations participating in the experiment. Soundings were taken between 1200 GMT, May 6, and 1200 GMT, May 7, 1975. The methods of data processing and accuracy are briefly discussed. Synoptic charts prepared from the data are presented, as well as an example of contact data.		13. TYPE OF REPORT & PERIOD COVERED Technical Note	
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The tasks of processing the AVSSE II data and preparing this report required the efforts of approximately 15 people. The work is often tedious and yet must be performed with great care and speed. The authors are grateful to every person who worked diligently behind the scenes to accomplish this important task.

TABLE OF CONTENTS

	Page
I. INTRODUCTION	1
II. THE AVSSE II EXPERIMENT	1
III. DISCUSSION OF BASIC DATA	5
A. Collection	5
B. Methods of Processing	5
IV. DISCUSSION OF SOUNDING DATA	6
A. Accuracy Estimates	6
B. Tabulated Data	7
V. SYNOPTIC CHARTS	7
REFERENCES	18
APPENDIX: SOUNDING DATA	19
27 April 1975, 1200 GMT	20
6 May 1975, 1500 GMT	42
6 May 1975, 1800 GMT	63
6 May 1975, 2100 GMT	85
7 May 1975, 0000 GMT	108
7 May 1975, 0300 GMT	131
7 May 1975, 1200 GMT	153

LIST OF ILLUSTRATIONS

Figure	Title	Page
1.	Rawinsonde stations participating in the AVSSE II Experiment	3
2.	Synoptic chart for the surface at 1200 GMT, 6 May 1975	14
3.	Synoptic chart for the 700 mb level at 1200 GMT, 6 May 1975	15
4.	Synoptic chart for the surface at 1500 GMT, 7 May 1975	16
5.	Synoptic chart for the 700 mb level at 1200 GMT, 7 May 1975	17

LIST OF TABLES

Table	Title	Page
1.	Summary of AVE and AVSSE Experiments	2
2.	Rawinsonde Stations Participating in the AVSSE II Experiment	4
3.	Known Errors Remaining in the Reduced Data of the AVSSE II Experiment	5
4.	Example of Contact Data	8
5.	Explanation of Column Headings of Tablulated Sounding Data for the AVSSE II Experiment	12
6.	List of Missing Soundings	13

DATA FOR NASA'S AVSSE II EXPERIMENT: 25 MB SOUNDING DATA AND SYNOPTIC CHARTS

I. INTRODUCTION

To date NASA has conducted four Atmospheric Variability Experiments (AVE) and two Atmospheric Variability and Severe Storm Experiments (AVSSE). The dates of these experiments, observation times, and other information are summarized in Table 1.

The data reduction program and an error analysis have been presented by Fuelberg [1]. Some changes were made in Fuelberg's original program; these are discussed in Section III of this report. Also, error estimates taken from Fuelberg's report are presented in Section IV.

The AVE experiments were conducted for the primary purpose of studying atmospheric variability with emphasis on spatial and temporal changes in the structure of the atmosphere that could be determined from soundings taken at 3 h intervals, and which would not be reflected in soundings taken at 12 h intervals. Studies have shown (Scoggins et al. [2], Overall and Scoggins [3], and Wilson and Scoggins [4]) significant variability and changes in atmospheric structure from the 3 h data not present in the 12 h data.

The primary purpose of the AVSSE experiments is to provide a data base for studying atmospheric structure and variability associated with severe storms. These data will supplement measurements made by aircraft (a program conducted by the NASA Goddard Space Flight Center, Greenbelt, MD) in and near convective storms. The aircraft data will provide information on near-storm environments, while the AVSSE data will provide information on spatial and temporal scales between the aircraft data and normal 12 h rawinsonde sounding data.

II. THE AVSSE II EXPERIMENT

Twenty-three rawinsonde stations participated in the AVSSE II experiment. These stations are shown in Figure 1 and listed in Table 2. Soundings were taken at seven time periods — May 6 at 1200, 1500, 1800, and 2100 GMT, and on May 7 at 0000, 0300, and 1200 GMT.

TABLE 1. SUMMARY OF AVE AND AVSSE EXPERIMENTS

Experiment	Dates	Observation Times (GMT)	Data Reports
AVE I	19-22 February 1964	2/19 – 00, 03, 06, 09, 12, 15, 18, 21 2/20 – 00, 03, 06, 09, 12, 15, 18, 21 2/21 – 00, 03, 06, 09, 12, 15, 18, 21 2/22 – 00, 03, 06, 09, 12, 15, 18, 21 2/23 – 00	Scoggins and Smith [5,6]
AVE II	11-12 May 1974	5/11 – 12, 15, 18, 21 5/12 – 00, 03, 06, 09, 12	Scoggins and Turner [7] Fuelberg and Turner [8]
AVE III	6-7 February 1975	2/6 – 00, 06, 12, 15, 18, 21 2/7 – 00, 06, 12	Fuelberg and Turner [9]
AVE IV	24-25 April 1975	4/24 – 00, 06, 12, 15, 18, 21 4/25 – 00, 06, 12	Fucik and Turner [10]
AVSSE I	27-28 April 1975	4/27 – 12, 15, 18, 21 4/28 – 00, 03, 12	Fucik and Turner [11]
AVSSE II	6-7 May 1975	5/6 – 12, 15, 18, 21 5/7 – 00, 03, 12	This report

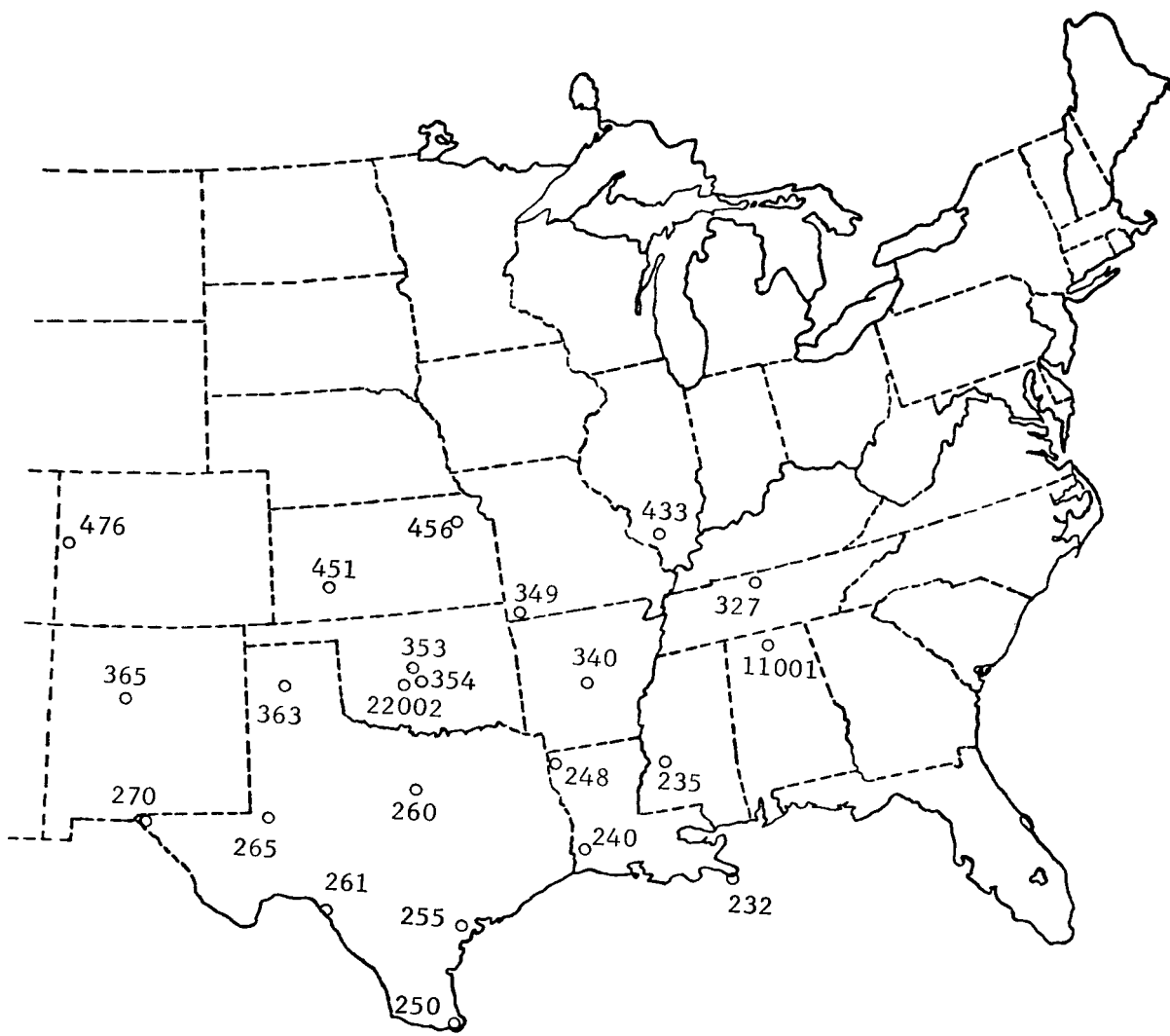


Figure 1. Rawinsonde stations participating in the AVSSE II Experiment.

TABLE 2. RAWINSONDE STATIONS PARTICIPATING
IN THE AVSSE II EXPERIMENT

Station Number	Location
232 (BVE)	Boothville, Louisiana
235 (JAN)	Jackson, Mississippi
240 (LCH)	Lake Charles, Louisiana
248 (SHV)	Shreveport, Louisiana
250 (BRO)	Brownsville, Texas
255 (VCT)	Victoria, Texas
260 (SEP)	Stephenville, Texas
261 (DRT)	Del Rio, Texas
265 (MAF)	Midland, Texas
270 (ELP)	El Paso, Texas
327 (BNA)	Nashville, Tennessee
340 (LIT)	Little Rock, Arkansas
349 (UMN)	Monett, Missouri
353 (OKC)	Oklahoma City, Oklahoma
354 (TIK)	Tinker Air Force Base, Oklahoma
363 (AMA)	Amarillo, Texas
365 (ABQ)	Albuquerque, New Mexico
433 (SLO)	Salem, Illinois
451 (DDC)	Dodge City, Kansas
456 (TOP)	Topeka, Kansas
476 (GJT)	Grand Junction, Colorado
11001 (MFS)	Marshall Space Flight Center, Alabama
22002 (FSI)	Fort Sill, Oklahoma

III. DISCUSSION OF BASIC DATA

A. Collection

Original information from which sounding data were computed was sent to the Aerospace Environment Division, NASA Marshall Space Flight Center (MSFC), Alabama. Texas A&M University personnel extracted ordinate and angle data at each pressure contact and keypunched these and baseline data into cards. All sounding computations were made on an IBM 360/65 computer at Texas A&M University.

B. Methods of Processing

The procedure used to compute soundings is the same as that used on the AVE III, AVE IV, and AVSSE I data and is described by Fuelberg [1] and Fuelberg and Turner [9]. All keypunched data were checked for errors by calculating centered differences on the input data. Processed soundings were further checked by calculating centered differences of wind direction and speed and by calculating the lapse rates of temperature and dew point. All questionable data were checked with the original strip chart information and any data found to be erroneous were corrected. All known errors are listed in Table 3.

TABLE 3. KNOWN ERRORS REMAINING IN THE REDUCED DATA OF THE AVSSE II EXPERIMENT

Station	Date/GMT	Error
240 Lake Charles, Louisiana	7/0300	No wind data.
353 Oklahoma City, Oklahoma	7/1200	Ground equipment problems -- very short and erratic sounding.
235 Jackson, Mississippi	6/1500	Balloon went into thunderstorm and encountered icing conditions. Sounding very short.
433 Salem, Illinois	6/1500	Irregular sounding due to ground equipment and instrument problems.

The final data sets of the AVSSE II experiment consist of data computed at each pressure contact and at 25 mb intervals. Thermodynamic quantities were computed at each pressure contact, while wind data were computed from 30 s intervals by means of centered finite differences, and subsequently smoothed and interpolated to each pressure contact. These detailed profiles were then interpolated to give the 25 mb data presented in this report.

Three important changes were made in the original computer program [1]. These changes were reflected in all soundings beginning with AVE III and remain in the program for AVSSE II: (1) Humidity values, including dew point temperature, are computed only at temperatures above -40°C ; at temperatures below -40°C , humidity values are indicated by fields of nines as are missing values of humidity. The AVSSE II data contain computed moisture values down to a relative humidity of 1 percent; if the value of relative humidity is below 1 percent, it is set equal to 1 percent from which the other moisture variables are computed. (2) The second change involves the indication of winds which are based on low elevation angles. An asterisk following wind speed in the AVSSE II data means that the elevation angle was between 10° and 6° . A double asterisk indicates that the elevation angle was less than 6° . Since winds computed at low elevation angles have large rms errors, these data should be used with caution. (3) In the original computer program, 25 mb values of wind direction, scalar speed, and the u- and v-wind components were interpolated independently of each other. The program now interpolates the 25 mb values of u- and v-wind components and then determines wind direction and wind speed from the components. These changes appear in both the contact and 25 mb data.

IV. DISCUSSION OF SOUNDING DATA

A. Accuracy Estimates

Estimates of the rms errors in the thermodynamic quantities of the AVSSE II data are the same as those for all AVE experiments and those given by Fuelberg [1]. These estimates are:

<u>Parameter</u>	<u>Approximate rms Error</u>
Temperature	1°C
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

The rms errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum rms errors for winds computed at 30 s intervals (based on the worst geometric tracking configuration) are: at 700 mb about 2.5 mps at an elevation angle of 10° and approximately 0.5 mps at an elevation angle of 40° ; at 500 mb, 4.5 mps, and 0.8 mps for the same elevation angles; and at 300 mb, 7.8 mps, and 1.0 mps, respectively. After assuming typical values of scalar wind speed at the various levels, maximum rms errors in wind direction were determined. The maximum rms errors at 700 mb range from about 9.5° at an elevation angle of 10° to approximately 1.3° at an elevation angle of 40° . At 500 mb the errors are 13.4° and 1.8° for the same elevation angles, while at 300 mb the maximum errors are 18.0° and 2.5° , respectively. The accuracy of the wind data at pressure contacts and at 25 mb intervals is greater than that stated for the 30 s winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30 s winds were maxima for the stated conditions.

B. Tabulated Data

An example of AVSSE II contact data is given in Table 4. An explanation of the column headings is given in Table 5, and a list of missing soundings is given in Table 6. In Table 4, the first line of data for the time of 0.0 min is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand side of each page are the number of pressure contacts computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30 s angle input and 1 for 1 min angle input. The contact data are available in paper form or on magnetic tape from the George C. Marshall Space Flight Center, Aerospace Environment Division, Space Sciences Laboratory, Marshall Space Flight Center, Alabama 35812.

The contact data interpolated for 25 mb intervals are presented in the appendix. The column headings are identical to those used for the contact data and are described in Table 5. The soundings are arranged by time and appear in ascending order by station number for each time. The first line of data indicates the surface report which is followed by data from 1000 to 25 mb. In cases where the surface pressure is less than the given 25 mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminates before the 25 mb level is reached.

V. SYNOPTIC CHARTS

Synoptic charts for the beginning and ending of the observational period at the surface and 700 mb levels are presented in Figures 2 through 5. These maps are intended to depict the overall synoptic features during the observational period and should be reanalyzed when accuracy is a key factor.

TABLE 4. EXAMPLE OF CONTACT DATA

STATION NO. 232
BOOTHVILLE, LA

6 MAY 1975
1115 GMT

157 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	1.0	1007.4	23.9	22.5	170.0	5.2	-0.9	5.1	298.8	344.0	17.3	92.0	0.0	0.0
0.1	6.0	30.7	1024.0	23.9	22.9	26.1	3.7	-1.6	-3.3	299.1	345.5	17.8	94.1	1.0	345.
0.3	7.0	118.6	994.0	23.4	22.0	26.1	3.7	-1.6	-3.3	299.4	344.0	17.1	92.1	1.0	345.
0.6	8.0	216.2	983.0	22.7	21.4	47.6	2.4	-1.8	-1.6	299.5	343.1	16.6	92.4	1.0	344.
0.9	9.0	314.5	972.0	21.8	20.4	148.2	4.1	-2.2	3.5	299.5	340.9	15.8	91.9	0.9	342.
1.2	10.0	413.6	961.0	21.3	17.9	164.7	8.9	-2.4	8.6	299.7	335.6	13.6	80.5	1.1	342.
1.6	11.0	531.9	948.0	21.1	14.1	169.9	13.9	-2.4	13.7	300.3	329.1	10.7	64.1	1.4	344.
1.9	12.0	623.9	928.0	21.1	12.3	169.6	13.6	-2.5	13.4	301.0	327.1	9.6	56.9	1.6	345.
2.3	13.0	726.1	927.0	20.9	12.0	167.8	13.7	-2.9	13.4	301.8	327.8	9.6	56.6	2.0	345.
2.6	14.0	829.4	916.0	20.7	10.4	166.8	13.8	-3.1	13.4	302.5	326.4	8.7	51.8	2.2	346.
2.9	15.0	924.4	906.0	20.7	8.3	167.1	13.7	-3.1	13.4	303.3	324.3	7.6	44.8	2.5	346.
3.3	16.0	1040.3	893.0	21.1	1.4	167.7	12.2	-2.6	11.9	304.6	318.2	4.7	26.9	2.8	346.
3.6	17.0	1155.4	882.0	20.9	2.8	168.4	11.1	-2.2	10.8	305.6	320.7	5.3	30.2	3.0	346.
4.0	18.0	1254.9	872.0	20.7	2.3	169.7	10.4	-1.9	10.2	306.3	321.2	5.2	29.7	3.2	346.
4.3	19.0	1354.4	862.0	20.2	1.5	170.7	9.9	-1.6	9.7	306.8	321.0	4.9	28.6	3.4	346.
4.6	20.0	1454.8	852.0	19.6	-1.6	169.4	9.3	-1.7	9.2	307.0	318.7	4.0	23.9	3.6	347.
5.1	21.0	1576.6	840.0	18.9	-6.1	157.8	8.9	-3.3	8.2	307.4	316.0	2.9	17.7	3.8	347.
5.4	22.0	1679.1	830.0	18.1	-6.2	150.6	9.3	-4.6	8.1	307.6	316.2	2.9	18.5	4.0	346.
5.7	23.0	1782.5	820.0	17.2	-3.8	146.0	9.5	-5.3	7.8	307.8	318.2	3.5	23.4	4.2	345.
6.1	24.0	1887.0	810.0	16.4	-4.5	142.3	9.5	-5.8	7.5	308.0	318.0	3.4	23.4	4.4	344.
6.4	25.0	1981.8	801.0	15.4	-3.5	141.5	9.5	-5.9	7.4	307.9	318.8	3.7	27.0	4.6	343.
6.9	26.0	2109.5	789.0	14.8	-1.8	144.2	9.4	-5.5	7.6	308.7	321.1	4.2	31.7	4.8	342.
7.2	27.0	2217.3	779.0	14.6	-4.4	148.3	9.3	-4.9	7.9	309.5	320.0	3.5	26.5	5.0	341.
7.6	28.0	2326.3	769.0	14.0	-5.2	155.8	9.1	-3.7	8.3	310.0	320.1	3.4	25.9	5.2	341.
7.9	29.0	2425.3	760.0	12.8	-6.8	162.9	9.0	-2.6	8.6	309.7	318.8	3.0	24.8	5.4	340.
8.3	30.0	2525.2	751.0	12.0	-4.0	173.2	9.2	-1.1	9.2	310.0	321.2	3.8	32.2	5.6	341.
8.6	31.0	2637.3	741.0	11.5	-2.7	180.4	9.8	0.1	9.8	310.7	323.2	4.3	37.1	5.7	341.
9.0	32.0	2739.3	732.0	10.9	-2.2	188.3	10.9	1.6	10.8	311.1	324.3	4.5	39.8	5.9	342.
9.3	33.0	2842.5	723.0	10.5	-2.2	193.8	11.7	2.8	11.3	311.8	325.1	4.5	40.7	6.1	343.
9.6	34.0	2958.3	713.0	9.6	-3.4	199.1	12.3	4.0	11.6	312.0	324.4	4.2	39.8	6.3	344.
10.0	35.0	3063.6	704.0	8.9	-5.4	206.5	12.8	5.7	11.5	312.3	323.2	3.6	35.9	6.6	346.
10.4	36.0	3193.9	693.0	8.3	-7.9	214.5	12.5	7.3	10.6	313.0	322.2	3.0	30.8	6.8	346.
10.7	37.0	3311.7	684.0	7.8	-11.3	220.2	12.6	8.2	9.7	313.5	320.7	2.4	24.4	7.0	349.
11.1	38.0	3410.7	675.0	6.9	-9.7	227.5	12.4	9.1	8.4	313.7	322.0	2.7	29.4	7.2	351.
11.4	39.0	3520.9	666.0	6.2	-6.3	231.8	12.2	9.6	7.5	314.2	325.0	3.6	40.2	7.3	353.
11.8	40.0	3632.2	657.0	5.0	-2.1	235.1	12.3	10.1	7.0	314.3	329.1	5.0	60.4	7.4	355.
12.2	41.0	3770.0	646.0	4.1	-0.5	237.6	12.6	10.7	6.8	314.9	331.9	5.8	72.2	7.5	357.
12.5	42.0	3871.4	638.0	3.1	-1.2	239.4	13.0	11.2	6.6	314.8	331.1	5.5	73.2	7.7	358.
12.9	43.0	3986.5	629.0	2.2	-3.5	244.2	13.6	12.2	5.9	315.0	329.1	4.7	65.7	7.8	360.
13.2	44.0	4102.9	620.0	1.4	-4.3	251.2	14.6	13.8	4.7	315.4	328.8	4.5	65.4	7.9	2.
13.6	45.0	4207.5	612.0	0.8	-6.7	258.2	16.0	15.7	3.3	315.7	327.1	3.8	57.1	8.0	4.
14.0	46.0	4326.4	603.0	0.3	-14.1	263.7	17.9	17.8	2.0	316.2	322.9	2.1	33.0	8.1	7.
14.4	47.0	4433.3	595.0	-0.9	-15.1	267.5	20.0	20.0	0.9	316.1	322.4	2.0	33.0	8.2	10.
14.7	48.0	4541.3	587.0	-1.5	-15.9	269.8	21.5	21.5	0.1	316.6	322.5	1.9	32.2	8.3	13.
15.0	49.0	4664.1	578.0	-2.6	-17.7	271.7	22.9	22.9	-0.7	316.7	321.9	1.6	30.0	8.4	15.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TABLE 4. (Continued)

STATION NO. 232
BOOTHVILLE, LA

6 MAY 1975

1115 GMT

157 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.4	50.0	4774.5	570.0	-3.2	-19.3	273.2	24.3	24.3	-1.4	317.2	321.9	1.5	27.6	8.6	19.4
15.8	51.0	4914.4	560.0	-4.0	-21.6	273.0	25.2	25.2	-1.3	317.8	321.8	1.2	23.8	8.7	23.0
16.2	52.0	5027.7	552.0	-5.2	-22.1	271.7	25.8	25.8	-0.8	317.7	321.5	1.2	25.0	8.9	27.0
16.6	53.0	5142.1	544.0	-6.1	-22.9	269.9	26.1	26.1	0.0	317.9	321.6	1.1	25.0	9.2	30.0
16.9	54.0	5257.8	536.0	-7.3	-23.9	269.0	26.2	26.2	0.5	317.8	321.2	1.0	25.1	9.5	33.0
17.2	55.0	5360.0	529.0	-8.6	-24.5	268.5	26.2	26.2	0.7	317.4	320.7	1.0	26.2	9.8	35.0
17.7	56.0	5507.6	519.0	-9.9	-24.5	268.5	26.2	26.2	0.7	317.6	320.9	1.0	29.2	10.3	39.0
18.1	57.0	5627.2	511.0	-10.8	-24.5	268.9	26.2	26.2	0.5	318.0	321.4	1.0	31.4	10.7	41.0
18.5	58.0	5733.0	504.0	-12.0	-24.6	269.3	26.2	26.2	0.3	317.8	321.2	1.0	34.1	11.1	44.0
18.9	59.0	5855.2	496.0	-13.2	-24.4	269.9	26.0	26.0	0.0	317.7	321.3	1.1	38.4	11.6	46.0
19.3	60.0	5978.8	488.0	-14.5	-25.1	270.6	26.0	26.0	-0.3	317.7	321.0	1.0	39.9	12.0	48.0
19.7	61.0	6098.2	481.0	-15.3	-25.2	271.3	26.2	26.2	-0.6	317.9	321.3	1.0	42.1	12.5	50.0
20.0	62.0	6198.8	474.0	-16.1	-28.4	271.7	26.4	26.4	-0.8	318.2	320.8	0.8	33.6	12.8	51.0
20.4	63.0	6326.7	466.0	-17.1	-32.2	272.2	26.6	26.6	-1.0	318.6	320.4	0.5	25.5	13.3	53.0
20.9	64.0	6440.3	459.0	-16.8	-42.4	272.6	26.3	26.3	-1.2	320.2	320.9	0.2	8.7	14.0	55.0
21.2	65.0	6555.7	452.0	-16.8	-43.4	272.5	26.0	26.0	-1.2	321.6	322.3	0.2	7.9	14.3	56.0
21.7	66.0	6706.5	443.0	-17.6	-46.1	272.1	25.4	25.4	-1.0	322.5	323.0	0.1	6.2	15.0	58.0
22.1	67.0	6825.5	436.0	-18.3	-46.5	271.6	25.1	25.1	-0.7	323.1	323.6	0.1	6.3	15.5	59.0
22.6	68.0	6946.2	429.0	-19.1	-44.9	271.2	24.9	24.9	-0.5	323.5	324.0	0.1	6.8	16.1	61.0
23.0	69.0	7068.4	422.0	-19.8	-47.3	271.3	24.8	24.8	-0.6	324.2	324.6	0.1	6.5	16.7	62.0
23.4	70.0	7174.6	416.0	-19.9	-47.4	272.6	24.9	24.9	-1.1	325.3	325.8	0.1	6.6	17.1	63.0
23.9	71.0	7318.4	408.0	-20.9	-47.9	275.7	25.6	25.6	-2.6	325.9	326.4	0.1	6.7	17.8	64.0
24.3	72.0	7464.5	400.0	-21.8	-48.4	279.0	26.5	26.1	-4.1	326.6	327.0	0.1	6.9	18.3	65.0
24.7	73.0	7575.5	394.0	-22.8	-44.2	281.9	27.5	26.9	-5.7	326.8	327.5	0.2	12.0	18.9	66.0
25.1	74.0	7687.9	388.0	-23.8	-37.9	284.2	28.7	27.9	-7.0	326.8	328.2	0.4	25.8	19.4	67.0
25.5	75.0	7827.7	381.0	-24.2	-38.2	285.4	30.0	28.9	-8.0	328.0	329.3	0.4	25.8	19.9	69.0
25.9	76.0	7955.7	374.0	-25.4	-39.2	286.8	31.0	29.8	-8.4	328.2	329.4	0.3	25.9	20.5	70.0
26.2	77.0	8072.8	368.0	-26.6	-42.2	285.8	31.6	30.4	-8.6	328.1	329.0	0.2	21.2	21.0	71.0
26.7	78.0	8191.3	362.0	-27.6	-44.8	285.2	32.7	31.6	-8.6	328.3	329.0	0.2	17.5	21.8	72.0
27.1	79.0	8311.2	356.0	-28.6	-45.9	284.2	33.8	32.8	-8.3	328.6	329.2	0.2	17.0	22.4	73.0
27.5	80.0	8453.2	349.0	-29.6	-48.2	283.1	35.1	34.1	-7.9	329.0	329.5	0.1	14.3	23.2	74.0
28.0	81.0	8597.4	342.0	-30.8	-49.1	281.9	36.5	35.7	-7.5	329.3	329.8	0.1	14.5	24.1	76.0
28.4	82.0	8722.8	336.0	-31.8	-49.9	281.5	37.4	36.6	-7.4	329.6	330.0	0.1	14.6	24.9	76.0
28.9	83.0	8849.8	330.0	-33.2	-50.9	281.9	37.9	37.1	-7.8	329.5	329.9	0.1	14.8	26.0	77.0
29.2	84.0	8973.5	324.0	-34.3	-51.8	282.6	38.2	37.2	-8.3	329.6	329.9	0.1	14.9	26.6	78.0
29.7	85.0	9109.1	318.0	-35.0	-52.3	283.8	38.8	37.7	-9.2	330.4	330.8	0.1	15.0	27.6	79.0
30.2	86.0	9264.9	311.0	-36.1	-53.2	284.8	39.7	38.4	-10.1	331.0	331.4	0.1	15.1	28.7	80.0
30.6	87.0	9376.3	306.0	-37.0	-53.2	285.5	40.2	38.8	-10.8	331.3	331.6	0.1	16.6	29.6	81.0
31.1	88.0	9513.1	300.0	-37.9	-53.9	286.6	39.9	38.2	-11.4	331.8	332.1	0.1	16.7	30.7	82.0
31.5	89.0	9628.7	295.0	-38.6	-54.4	287.6	39.4	37.5	-11.9	332.5	332.5	0.1	16.7	31.6	83.0
32.0	90.0	9769.5	289.0	-39.8	-55.4	288.2	39.5	37.5	-12.4	332.7	333.0	0.1	16.9	32.6	83.0
32.5	91.0	9888.6	284.0	-40.8	-59.9	287.5	41.0	39.1	-12.3	333.1	999.9	99.9	999.9	33.7	84.0
32.9	92.0	10009.2	279.0	-41.7	-59.9	286.0	42.7	41.1	-11.8	333.4	999.9	99.9	999.9	34.6	85.0
33.4	93.0	10156.2	273.0	-42.8	-59.9	284.2	44.3	43.0	-10.9	333.9	999.9	99.9	999.9	35.9	86.0
33.9	94.0	10290.6	268.0	-43.9	-59.9	282.8	45.0	43.9	-10.0	334.1	999.9	99.9	999.9	37.2	86.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TABLE 4. (Continued)

STATION NO. 232 BOOTHVILLE, LA														157 18. 1	
6 MAY 1975 1115 GMT															
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES															
TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GFM	M3	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
34.4	95.0	10406.9	263.0	-44.5	99.9	282.0	45.4	44.4	-9.4	335.1	999.9	99.9	999.9	38.4	87.
34.9	96.0	10561.1	257.0	-45.8	99.9	281.8	45.2	44.3	-9.3	335.4	999.9	99.9	999.9	39.8	87.
35.3	97.0	10691.6	252.0	-46.9	99.9	282.3	44.6	43.6	-9.5	335.6	999.9	99.9	999.9	40.9	88.
35.8	98.0	10824.1	247.0	-47.9	99.9	283.7	43.6	42.3	-10.3	336.0	999.9	99.9	999.9	42.2	88.
36.3	99.0	10958.6	242.0	-49.4	99.9	285.3	43.0	41.4	-11.3	335.8	999.9	99.9	999.9	43.4	89.
36.7	100.0	11095.3	237.0	-50.1	99.9	286.5	42.7	41.0	-12.1	336.7	999.9	99.9	999.9	44.4	89.
37.3	101.0	11242.3	231.0	-51.3	99.9	288.1	42.2	40.1	-13.1	337.3	999.9	99.9	999.9	45.8	90.
37.9	102.0	11474.3	226.0	-51.9	99.9	289.7	41.2	38.8	-13.9	338.5	999.9	99.9	999.9	47.3	90.
38.3	103.0	11519.9	222.0	-52.7	99.9	290.1	41.6	39.1	-14.3	339.1	999.9	99.9	999.9	48.2	91.
38.9	104.0	11666.6	217.0	-53.8	99.9	289.1	45.3	42.8	-14.8	339.6	999.9	99.9	999.9	49.5	91.
39.4	105.0	11785.9	213.0	-54.7	99.9	287.8	49.8	47.4	-15.2	340.0	999.9	99.9	999.9	50.9	92.
39.9	106.0	11937.5	208.0	-55.8	99.9	287.4	52.4	50.0	-15.7	340.5	999.9	99.9	999.9	52.5	92.
40.4	107.0	12067.8	204.0	-56.8	99.9	287.4	53.5	51.1	-16.0	340.9	999.9	99.9	999.9	54.0	93.
40.8	108.0	12186.0	200.0	-58.0	99.9	287.1	54.4	52.0	-16.0	341.0	999.9	99.9	999.9	55.2	93.
41.2	109.0	12312.9	196.0	-59.3	99.9	286.6	55.4	53.1	-15.8	340.8	999.9	99.9	999.9	56.5	93.
41.7	110.0	12474.3	191.0	-60.4	99.9	286.3	56.2	54.0	-15.7	341.6	999.9	99.9	999.9	58.2	94.
42.3	111.0	12639.3	186.0	-61.3	99.9	286.8	55.7	53.3	-16.1	342.8	999.9	99.9	999.9	60.2	94.
42.8	112.0	12773.8	182.0	-62.7	99.9	288.1	53.0	50.4	-16.4	342.6	999.9	99.9	999.9	61.9	94.
43.2	113.0	12910.3	178.0	-64.0	99.9	289.0	50.6	47.9	-16.4	342.6	999.9	99.9	999.9	63.1	95.
43.7	114.0	13049.2	174.0	-65.0	99.9	288.7	50.6	47.9	-16.2	343.3	999.9	99.9	999.9	64.3	95.
44.3	115.0	13190.8	170.0	-65.8	99.9	286.1	55.7	53.5	-15.5	344.3	999.9	99.9	999.9	66.1	95.
44.9	116.0	13371.8	165.0	-66.6	99.9	283.8	58.5	56.8	-13.9	345.9	999.9	99.9	999.9	68.4	96.
45.4	117.0	13520.2	161.0	-66.8	99.9	282.2	56.0	54.7	-11.8	348.0	999.9	99.9	999.9	70.1	96.
45.9	118.0	13633.9	158.0	-66.8	99.9	280.1	51.9	51.1	-9.1	349.9	999.9	99.9	999.9	71.7	96.
46.4	119.0	13789.1	154.0	-66.2	99.9	278.3	48.4	47.9	-7.0	353.5	999.9	99.9	999.9	73.2	96.
47.0	120.0	13949.4	150.0	-64.4	99.9	277.6	45.6*	45.2	-6.0	359.1	999.9	99.9	999.9	74.9	96.
47.6	121.0	14073.4	147.0	-62.9	99.9	277.1	45.7*	45.4	-5.7	363.8	999.9	99.9	999.9	76.4	96.
48.2	122.0	14243.8	143.0	-61.4	99.9	275.9	47.2*	47.0	-4.8	369.3	999.9	99.9	999.9	78.1	96.
48.8	123.0	14375.5	140.0	-60.9	99.9	275.9	48.8*	48.5	-5.0	372.4	999.9	99.9	999.9	79.8	96.
49.4	124.0	14555.9	136.0	-60.4	99.9	277.2	48.5*	48.1	-6.1	376.5	999.9	99.9	999.9	81.7	96.
50.0	125.0	14694.9	133.0	-60.4	99.9	277.7	45.2*	44.8	-6.1	378.9	999.9	99.9	999.9	83.4	96.
50.6	126.0	14824.7	129.0	-61.6	99.9	278.4	41.8*	41.4	-6.1	380.0	999.9	99.9	999.9	84.9	96.
51.2	127.0	15030.2	126.0	-62.4	99.9	280.1	41.5*	40.8	-7.2	381.2	999.9	99.9	999.9	86.3	96.
51.8	128.0	15229.2	122.0	-62.7	99.9	280.0	42.2*	41.5	-7.3	384.1	999.9	99.9	999.9	87.9	96.
52.3	129.0	15382.5	119.0	-63.3	99.9	278.0	41.0*	40.6	-5.7	385.8	999.9	99.9	999.9	89.2	96.
52.9	130.0	15530.4	116.0	-63.5	99.9	275.0	36.8*	36.7	-3.2	388.3	999.9	99.9	999.9	90.7	96.
53.5	131.0	15744.9	112.0	-63.5	99.9	272.3	31.2*	31.2	-1.3	392.2	999.9	99.9	999.9	91.9	96.
54.1	132.0	15521.1	109.0	-65.0	99.9	271.7	28.6*	28.5	-0.8	392.4	999.9	99.9	999.9	92.8	96.
54.7	133.0	16090.6	106.0	-64.6	99.9	274.3	28.9*	28.8	-2.2	392.5	999.9	99.9	999.9	93.8	96.
55.2	134.0	16267.9	103.0	-67.6	99.9	278.2	28.1*	27.8	-4.0	393.8	999.9	99.9	999.9	94.8	96.
55.7	135.0	16441.5	100.0	-68.6	99.9	283.3	24.4*	23.8	-5.6	395.2	999.9	99.9	999.9	95.7	96.
56.4	136.0	16623.7	97.0	-69.3	99.9	290.7	19.8*	18.5	-7.0	397.4	999.9	99.9	999.9	96.4	96.
57.1	137.0	16874.1	93.0	-71.0	99.9	290.8	22.0*	20.6	-7.8	398.7	999.9	99.9	999.9	97.1	97.
57.8	138.0	17067.7	90.0*	-72.2	99.9	287.5	25.0*	23.8	-7.5	400.2	999.9	99.9	999.9	98.2	97.
58.6	139.0	17268.0	87.0	-70.8	99.9	286.2	24.6*	23.6	-6.8	406.9	999.9	99.9	999.9	99.4	97.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TABLE 4. (Concluded)

STATION NO. 232
HOOTHSVILLE, LA

6 MAY 1975

1115 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.3	140.0	17546.9	83.0	-70.8	99.9	290.5	18.0*	16.9	-6.3	412.4	999.9	99.9	999.9	100.5	97.
60.1	141.0	17764.4	80.0	-72.2	99.9	288.7	10.4*	9.9	-3.3	413.9	999.9	99.9	999.9	101.0	97.
60.9	142.0	17990.0	77.0	-71.2	99.9	265.0	9.8*	9.7	0.8	420.4	999.9	99.9	999.9	101.4	97.
61.7	143.0	19225.1	74.0	-71.0	99.9	264.8	11.4*	11.3	1.0	425.7	999.9	99.9	999.9	101.9	97.
62.7	144.0	19557.6	70.0	-66.8	99.9	291.0	11.3*	10.6	-4.0	441.6	999.9	99.9	999.9	102.6	97.
63.6	145.0	18823.6	67.0	-65.0	99.9	310.0	7.5*	5.7	-4.8	451.0	999.9	99.9	999.9	103.2	97.
64.5	146.0	19172.4	64.0	-65.8	99.9	63.8	4.0*	-3.6	-1.8	455.2	999.9	99.9	999.9	103.2	97.
65.5	147.0	19394.7	61.0	-64.8	99.9	24.5	4.0*	-1.6	-3.6	463.7	999.9	99.9	999.9	102.8	97.
66.6	148.0	19705.3	58.0	-60.9	99.9	278.5	9.0	8.9	-1.3	479.2	999.9	99.9	999.9	103.5	97.
67.6	149.0	20035.2	55.0	-61.3	99.9	107.5	9.9	-9.5	3.0	485.7	999.9	99.9	999.9	103.4	97.
68.8	150.0	20385.4	52.0	-58.8	99.9	89.0	5.9	-5.9	-0.1	499.2	999.9	99.9	999.9	102.6	97.
69.9	151.0	20759.0	49.0	-58.1	99.9	320.5	4.0	2.5	-3.1	509.4	999.9	99.9	999.9	102.4	97.
71.1	152.0	21157.2	46.0	-57.8	99.9	307.7	3.0	2.3	-1.8	519.5	999.9	99.9	999.9	103.0	97.
72.5	153.0	21584.1	43.0	-56.3	99.9	301.1	6.1	5.2	-3.1	533.3	999.9	99.9	999.9	103.0	97.
73.8	154.0	22047.6	40.0	-56.2	99.9	300.9	6.4	3.1	-5.6	544.8	999.9	99.9	999.9	103.4	98.
75.2	155.0	22714.5	36.0	-55.4	99.9	334.1	5.9	2.6	-5.3	563.6	999.9	99.9	999.9	103.9	98.
76.7	156.0	23272.2	33.0	-53.3	99.9	286.3	2.8	2.7	-0.8	583.2	999.9	99.9	999.9	103.8	98.
78.4	157.0	23891.3	30.0	-49.5	99.9	63.1	3.2	-2.8	-1.4	609.7	999.9	99.9	999.9	104.2	98.
80.1	158.0	24582.4	27.0	-49.1	99.9	320.1	9.8	6.3	-7.5	629.6	999.9	99.9	999.9	104.7	98.
81.9	159.0	25354.3	24.0	-49.7	99.9	72.9	5.7	-5.5	-1.7	649.4	999.9	99.9	999.9	104.9	99.
84.4	160.0	26230.4	21.0	-48.6	99.9	167.5	2.7	-0.6	2.7	677.8	999.9	99.9	999.9	103.9	98.
87.0	161.0	27256.7	18.0	-43.1	99.9	999.9	99.9	99.9	99.9	725.9	999.9	99.9	999.9	999.9	999.

TABLE 5. EXPLANATION OF COLUMN HEADINGS OF TABULATED SOUNDING DATA FOR THE AVSSE II EXPERIMENT

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. Note: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. Note: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. An double asterisk indicates that the elevation angle is less than 6°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

TABLE 6. LIST OF MISSING SOUNDINGS

Station	Date/GMT	Reason for Omission
232 Boothville, Louisiana	6/1500	Sounding not taken.
340 Little Rock, Arkansas	7/0300	Thermistor ice coated; data inaccurate.
354 Tinker AFB, Oklahoma	6/1200 6/1500 6/1800 7/1200	Soundings not taken.
22002 Fort Sill, Oklahoma	7/1200	Sounding not taken.

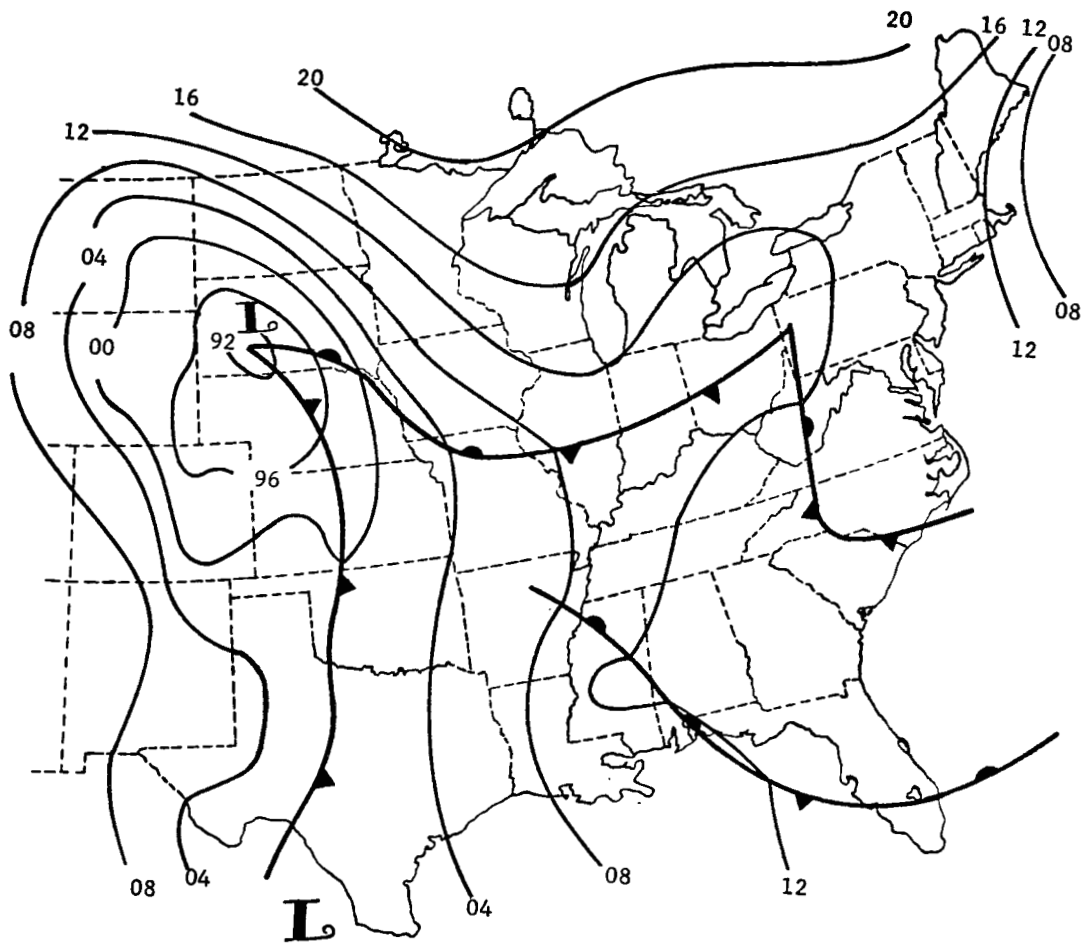


Figure 2. Synoptic chart for the surface at 1200 GMT, 6 May 1975.

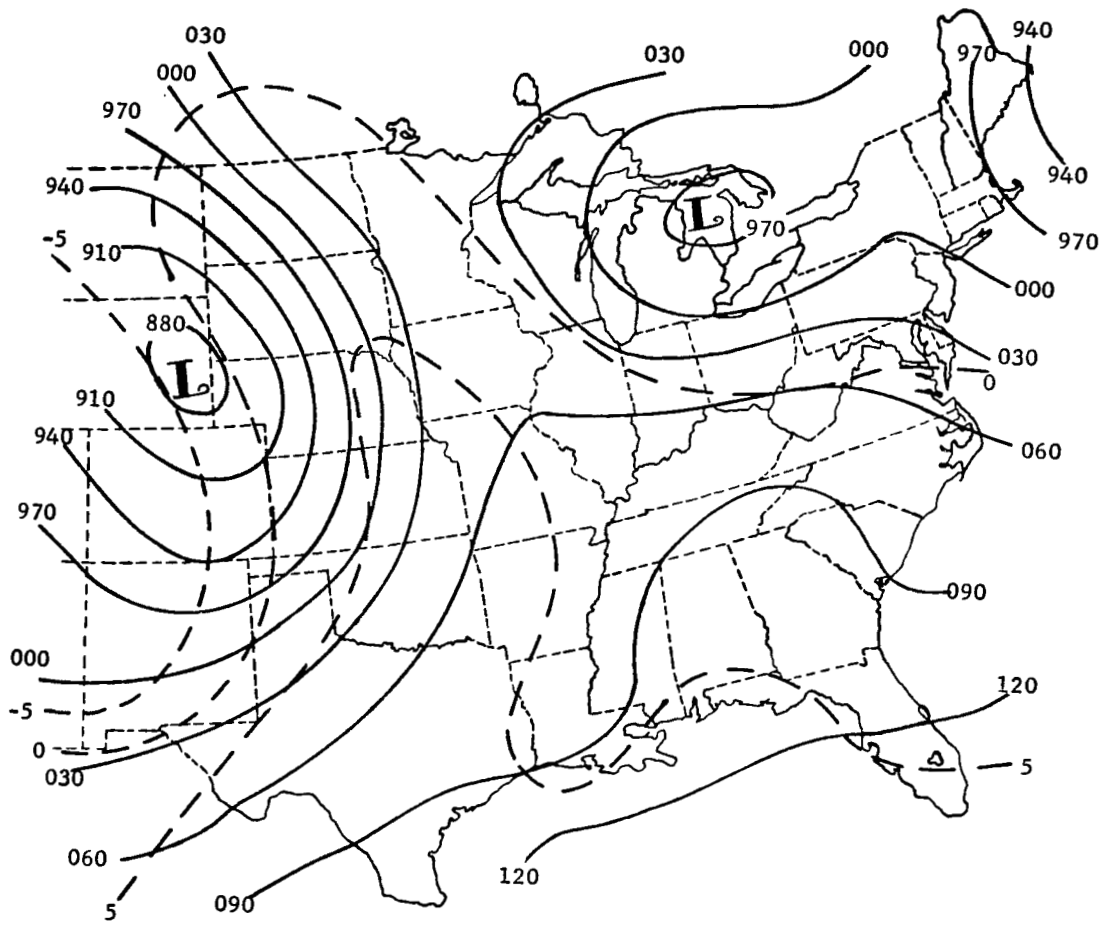


Figure 3. Synoptic chart for the 700 mb level at 1200 GMT, 6 May 1975.

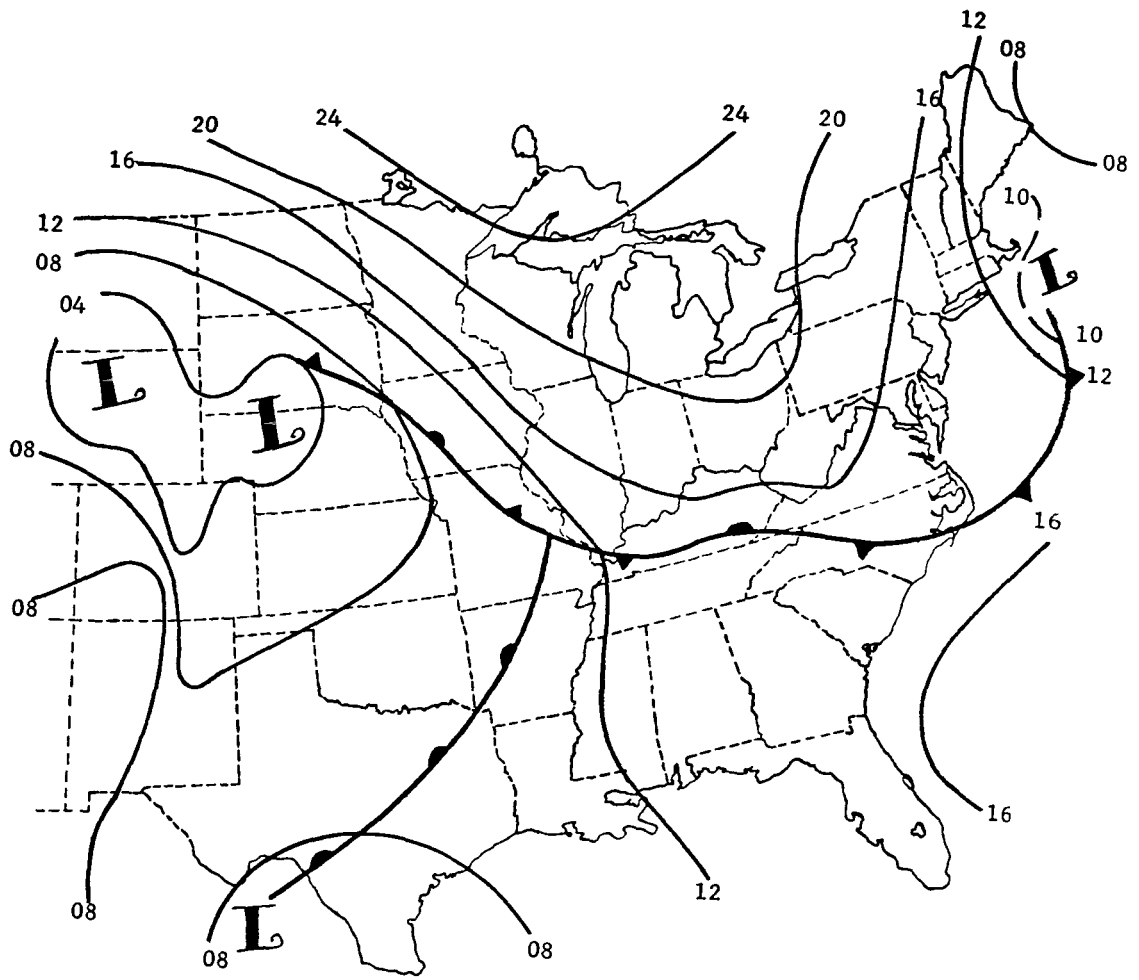


Figure 4. Synoptic chart for the surface at 1500 GMT, 7 May 1975.
(1200 GMT chart not available.)

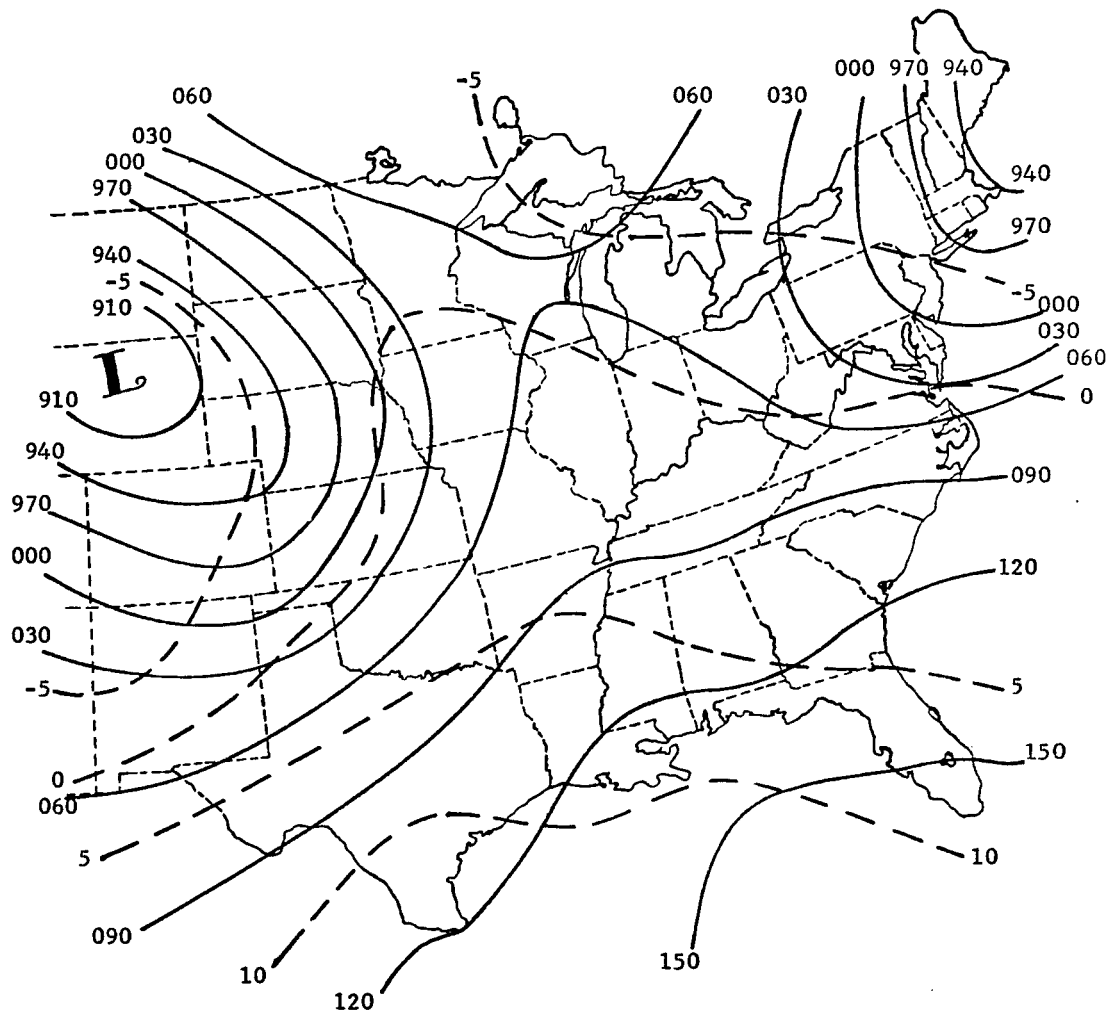


Figure 5. Synoptic chart for the 700 mb level at 1200 GMT, 7 May 1975.

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APPENDIX
SOUNDING DATA

These data are presented on microfiche as follows:

	Page
27 April 1975, 1200 GMT	20
6 May 1975, 1500 GMT	42
6 May 1975, 1800 GMT	63
6 May 1975, 2100 GMT	85
7 May 1975, 0000 GMT	108
7 May 1975, 0300 GMT	131
7 May 1975, 1200 GMT	153

**DATA FOR NASA'S AVSSE II EXPERIMENT:
25-MB SOUNDING DATA AND SYNOPTIC CHARTS**

By Nancy F. Fucik and Robert E. Turner

STATION NO. 232
ROOTHVILLE, LA

6 MAY 1975
1115 GMT

157 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	5.8	1.0	1037.4	23.9	22.5	170.0	5.2	-0.9	5.1	298.8	344.0	17.3	92.0	0.0	0.0
0.2	6.4	65.9	1070.0	23.7	22.5	26.1	3.7	-1.6	-3.3	299.2	344.9	17.5	93.3	1.0	345.
0.8	8.7	287.7	975.0	22.0	20.7	135.6	2.9	-2.0	2.1	299.5	341.5	16.0	92.0	0.9	342.
1.5	10.8	513.7	950.0	21.2	14.7	169.3	13.1	-2.4	12.9	300.2	330.1	11.2	66.7	1.3	343.
2.4	13.2	744.9	925.0	20.9	11.7	167.6	13.7	-2.9	13.4	301.9	327.5	9.4	55.8	2.0	345.
3.1	15.5	982.0	900.0	20.9	5.1	167.4	13.0	-2.8	12.7	303.9	321.5	6.3	36.5	2.6	346.
3.9	17.7	1225.4	875.0	20.7	2.5	169.3	10.6	-2.0	10.4	306.1	321.1	5.2	29.8	3.2	346.
4.7	20.2	1475.1	850.0	19.5	-2.3	167.6	9.2	-2.0	9.0	307.1	318.3	3.8	22.9	3.6	347.
5.5	22.5	1730.8	825.0	17.7	-5.0	148.3	9.4	-4.9	8.0	307.7	317.2	3.2	20.9	4.1	346.
6.4	25.1	1992.4	800.0	15.3	-3.3	141.8	9.4	-5.8	7.4	308.0	319.0	3.7	27.4	4.6	343.
7.4	27.4	2260.9	775.0	14.3	-4.7	151.2	9.2	-4.4	6.1	309.7	320.0	3.5	26.3	5.1	341.
8.3	30.1	2536.4	750.0	12.0	-3.9	174.0	9.3	-1.0	9.2	310.1	321.4	3.8	32.7	5.6	341.
9.2	32.8	2819.6	725.0	10.6	-2.2	192.6	11.5	2.5	11.2	311.7	324.9	4.5	40.5	6.1	343.
10.1	35.4	3111.0	700.0	8.7	-6.3	209.4	12.8	6.3	11.2	312.5	322.8	3.4	34.1	6.7	347.
11.1	38.0	3410.7	675.0	6.9	-9.7	227.5	12.4	9.1	8.4	313.7	322.0	2.7	29.4	7.2	351.
12.1	40.6	3719.9	650.0	4.4	-1.0	236.7	12.5	10.4	6.9	314.7	330.9	5.5	67.9	7.5	356.
13.0	43.4	4038.2	625.0	1.9	-3.9	247.4	14.0	12.9	5.4	315.2	329.0	4.6	65.6	7.9	1.
14.1	46.4	4366.5	600.0	-0.1	-14.4	265.2	18.7	18.6	1.6	316.2	322.7	2.1	33.0	8.2	8.
15.1	49.4	4705.5	575.0	-2.8	-18.3	272.3	23.4	23.4	-0.9	316.9	321.9	1.6	29.1	8.5	17.
16.3	52.3	5056.3	550.0	-5.4	-22.3	271.2	25.9	25.9	-0.6	317.7	321.5	1.2	25.0	9.0	28.
17.4	55.4	5419.0	525.0	-9.2	-24.5	268.5	26.2	26.2	0.7	317.5	320.8	1.0	27.4	10.0	37.
18.7	58.5	5794.1	500.0	-12.6	-24.5	269.6	26.1	26.1	0.2	317.8	321.2	1.0	36.2	11.4	45.
20.0	61.9	6183.0	475.0	-16.0	-29.0	271.7	26.4	26.4	-0.8	318.2	320.9	0.8	34.9	12.8	51.
21.3	65.2	6589.2	450.0	-17.0	-44.0	272.5	25.8	25.8	-1.1	321.8	322.4	0.2	7.5	14.5	57.
22.8	68.6	7016.0	425.0	-19.5	-47.1	271.2	24.9	24.9	-0.5	323.9	324.4	0.1	6.5	16.4	61.
24.3	72.0	7464.5	400.0	-21.8	-48.4	279.0	26.5	26.1	-4.1	326.6	327.0	0.1	6.9	18.3	65.
25.8	75.9	7936.4	375.0	-25.2	-39.1	285.8	30.8	29.7	-8.4	328.2	329.4	0.3	25.9	20.5	70.
27.4	79.9	8432.9	350.0	-29.5	-47.9	283.2	34.9	34.0	-8.0	329.0	329.5	0.1	14.7	23.1	74.
29.1	83.8	8957.1	325.0	-34.1	-51.7	282.5	38.1	37.2	-8.2	329.5	329.9	0.1	14.9	26.5	78.
31.1	88.0	9513.1	300.0	-37.9	-53.9	286.6	39.9	38.2	-11.4	331.8	332.1	0.1	16.7	30.7	82.
33.2	92.7	10107.2	275.0	-42.4	99.9	284.8	43.8	42.3	-11.2	333.8	999.9	99.9	999.9	35.5	85.
35.5	97.4	10744.6	250.0	-47.3	99.9	282.9	44.2	43.1	-9.8	335.8	999.9	99.9	999.9	41.4	88.
38.0	102.3	11433.2	225.0	-52.1	99.9	289.8	41.3	38.9	-14.0	338.7	999.9	99.9	999.9	47.5	91.
40.8	108.0	12186.0	200.0	-58.0	99.9	287.1	54.4	52.0	-16.0	341.0	999.9	99.9	999.9	55.2	93.
43.6	113.9	13014.5	175.0	-64.7	99.9	286.7	50.6	47.9	-16.2	343.1	999.9	99.9	999.9	64.0	95.
47.0	120.0	13949.4	150.0	-64.4	99.9	277.6	45.6*	45.2	-6.0	359.1	999.9	99.9	999.9	74.9	96.
51.3	127.3	15080.0	125.0	-62.4	99.9	280.0	41.6*	41.0	-7.3	361.9	999.9	99.9	999.9	86.7	96.
55.7	135.0	16441.5	100.0	-68.6	99.9	283.3	24.4*	23.8	-5.6	395.2	999.9	99.9	999.9	95.7	96.
61.4	142.7	18146.7	75.0	-71.1	99.9	264.8	10.8*	10.8	1.0	423.9	999.9	99.9	999.9	101.7	97.
69.5	150.7	20634.5	50.0	-58.4	99.9	7.3	2.1	-0.3	-2.1	506.0	999.9	99.9	999.9	102.5	97.
81.3	158.7	25096.9	25.0	-49.5	99.9	22.9	3.9	-1.5	-3.6	642.8	999.9	99.9	999.9	104.8	98.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

6 MAY 1975
1115 GMT

152 27. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T LG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	100.0	998.0	19.8	10.8	40.0	3.7	-2.4	-2.8	205.1	333.2	14.8	100.0	0.0	0.
0.7	5.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	6.6	331.6	975.0	18.9	18.1	999.9	99.9	99.9	99.9	296.0	331.4	13.6	95.1	999.9	999.
1.6	8.7	525.2	950.0	18.2	17.4	999.9	99.9	99.9	99.9	297.4	332.3	13.3	95.2	999.9	999.
2.3	10.6	754.4	925.0	17.2	16.4	999.9	99.9	99.9	99.9	298.6	332.6	12.9	95.2	999.9	999.
3.2	12.7	988.3	900.0	15.6	14.8	214.2	9.4	5.3	7.8	299.1	333.6	11.9	95.0	0.7	360.
4.3	14.9	1227.5	875.0	13.8	12.8	215.8	6.0	4.7	6.5	299.5	328.1	10.7	93.8	1.3	16.
5.5	16.8	1472.2	850.0	12.6	11.4	220.5	11.3	7.3	8.6	300.7	327.8	10.0	92.3	1.9	23.
6.5	19.1	1723.2	825.0	11.3	10.0	209.7	14.2	7.0	12.3	301.8	327.4	9.4	91.5	2.8	28.
7.8	21.2	1979.5	800.0	9.1	6.3	194.9	15.5	4.0	15.0	301.8	322.5	7.5	82.3	3.7	26.
8.6	23.5	2242.0	775.0	6.9	4.4	195.0	15.7	4.1	15.1	302.1	320.9	6.8	83.9	4.5	24.
9.9	25.8	2511.8	750.0	6.1	3.3	196.1	16.1	4.4	15.4	302.0	322.3	6.5	82.4	5.7	22.
11.4	28.1	2788.9	725.0	3.8	1.1	195.8	17.1	4.7	16.5	304.4	320.7	5.7	82.4	7.2	21.
12.5	30.6	3073.8	700.0	2.2	-0.9	197.6	16.1	4.9	15.3	305.6	320.2	5.1	79.5	8.4	20.
13.6	33.2	3367.1	675.0	0.7	-1.7	201.9	14.5	5.4	13.5	307.0	321.4	5.0	84.0	9.2	20.
14.5	35.7	3670.3	650.0	-0.4	-2.2	207.2	15.5	7.1	13.8	309.2	323.7	5.0	87.1	10.1	20.
15.8	38.2	3993.5	625.0	-1.9	-3.6	210.4	13.4	6.8	11.6	310.8	324.7	4.7	88.5	11.3	21.
16.7	40.8	4338.1	600.0	-3.1	-5.1	212.3	13.7	7.3	11.6	313.1	326.2	4.4	86.1	12.0	22.
17.9	43.6	4643.6	575.0	-6.1	-9.1	217.1	14.9	9.0	11.9	313.2	323.3	3.3	79.2	12.9	23.
19.2	46.4	4990.6	550.0	-8.4	-12.3	223.5	16.6	11.4	12.1	314.5	322.8	2.7	73.2	14.2	24.
20.6	49.4	5350.5	525.0	-10.4	-14.6	225.3	16.1	11.5	11.3	316.2	323.5	2.4	71.2	15.4	26.
21.7	52.3	5724.5	500.0	-13.0	-17.2	224.8	16.6	11.7	11.8	317.3	323.6	2.0	70.7	16.5	27.
22.8	55.3	6114.0	475.0	-15.4	-19.8	224.0	17.1	11.9	12.3	319.0	324.4	1.7	69.1	17.6	28.
23.4	58.4	6519.9	450.0	-18.2	-22.6	226.7	16.1	11.7	11.0	320.4	325.6	1.4	68.2	18.2	29.
24.0	61.7	6944.5	425.0	-21.5	-26.0	229.7	12.7	9.7	8.2	321.5	325.1	1.1	66.9	18.7	30.
24.6	65.2	7388.3	400.0	-24.9	-29.4	229.4	9.4	7.2	6.1	322.6	325.4	0.8	65.8	19.1	30.
25.3	68.6	7855.9	375.0	-26.7	-31.4	233.9	7.7	6.3	4.6	326.3	328.9	0.7	64.0	19.3	30.
26.0	72.1	8350.6	350.0	-30.5	-35.2	248.7	7.7	7.2	2.8	327.6	329.5	0.5	62.7	19.6	31.
27.0	76.0	8873.0	325.0	-34.9	-39.7	291.0	5.3	4.9	-1.9	328.5	329.9	0.4	61.4	19.9	32.
28.0	80.1	9426.6	300.0	-39.4	99.9	293.7	6.9	6.3	-2.8	329.8	999.9	99.9	999.9	19.9	33.
29.6	84.3	10015.9	275.0	-44.3	99.9	288.0	14.1	13.4	-4.4	331.1	999.9	99.9	999.9	20.1	35.
31.8	88.6	10647.4	250.0	-49.8	99.9	286.5	23.6	22.6	-6.7	332.1	999.9	99.9	999.9	21.0	42.
34.5	93.6	11327.0	225.0	-56.1	99.9	289.3	29.1	27.5	-9.6	332.6	999.9	99.9	999.9	23.3	52.
36.9	98.6	12065.7	200.0	-62.0	99.9	281.6	38.2	37.4	-7.7	334.5	999.9	99.9	999.9	26.4	60.
39.8	104.2	12891.5	175.0	-65.8	99.9	273.8	57.3	57.2	-3.8	341.4	999.9	99.9	999.9	33.2	69.
43.3	110.4	13821.4	150.0	-62.2	99.9	287.4	47.6	45.4	-14.2	363.0	999.9	99.9	999.9	42.9	77.
47.2	117.3	14975.3	125.0	-57.0	99.9	271.1	29.9	29.9	-0.6	391.7	999.9	99.9	999.9	51.2	81.
51.0	125.5	16359.0	100.0	-66.6	99.9	279.2	21.5	21.2	-3.4	399.1	999.9	99.9	999.9	55.5	83.
57.2	135.0	18079.4	75.0	-65.8	99.9	285.3	6.1	5.9	-1.6	434.9	999.9	99.9	999.9	62.3	84.
67.3	145.0	20563.9	50.0	-61.8	99.9	74.7	8.4	8.1	-2.2	497.9	999.9	99.9	999.9	62.9	86.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

6 MAY 1975
1135 GMT

159 22. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	4.5	5.0	1005.9	24.4	22.7	150.0	5.2	-2.6	4.5	299.4	345.2	17.5	96.0	0.0	0.
0.1	4.9	56.8	1000.0	23.9	22.7	197.9	2.4	0.7	2.3	299.5	345.7	17.7	92.7	0.5	342.
0.8	6.6	279.3	975.0	23.3	22.3	195.4	4.5	1.2	4.4	301.0	347.7	17.8	94.5	0.7	340.
1.6	8.7	506.6	950.0	21.8	20.9	184.6	11.3	0.9	11.2	301.5	345.5	16.6	94.5	1.0	348.
2.2	10.6	738.8	925.0	20.2	19.6	191.7	12.6	2.6	12.4	302.1	344.0	15.7	96.0	1.5	354.
3.0	12.6	975.7	900.0	18.9	18.2	201.3	11.3	4.1	10.6	302.9	342.5	14.8	95.8	2.1	1.
3.8	14.9	1218.0	875.0	17.3	16.8	202.6	13.1	5.0	12.1	303.6	341.1	13.9	97.2	2.6	5.
4.7	16.7	1465.9	850.0	15.5	15.0	209.9	12.8	6.4	11.1	304.1	338.6	12.8	96.9	3.2	9.
5.5	19.0	1719.6	825.0	14.6	14.1	219.7	15.2	9.7	11.7	305.7	339.4	12.4	96.8	3.9	13.
6.4	21.1	1980.0	800.0	13.2	12.1	219.6	17.5	11.2	13.5	306.7	337.6	11.2	93.2	4.7	19.
7.2	23.5	2247.9	775.0	12.2	11.6	225.4	18.2	13.0	12.8	308.4	339.4	11.2	96.1	5.5	22.
7.9	25.8	2523.0	750.0	11.0	10.5	231.0	17.8	13.8	11.2	310.0	340.0	10.7	96.7	6.1	25.
8.4	28.1	2816.1	725.0	9.6	9.1	239.2	16.4	14.1	8.4	311.3	339.7	10.1	96.4	6.7	27.
9.0	30.7	3095.6	700.0	3.1	-25.0	248.3	15.9	14.8	5.9	306.2	312.0	2.0	23.4	7.1	30.
10.0	33.3	3387.7	675.0	0.2	-37.0	250.6	18.9	17.8	0.3	305.9	306.7	0.2	4.0	7.8	35.
11.0	35.9	3689.4	650.0	-0.5	-46.8	246.4	22.4	20.6	9.0	308.3	308.6	0.1	1.5	8.9	39.
11.9	38.7	4001.5	625.0	-2.3	-46.9	250.2	23.9	22.5	8.1	309.8	310.1	0.1	1.7	10.1	43.
12.9	41.2	4324.7	600.0	-3.4	-47.0	253.2	26.9	25.8	7.8	312.2	312.5	0.1	1.8	11.3	47.
14.0	44.3	4660.4	575.0	-4.7	-48.7	251.6	28.1	26.7	8.9	314.4	314.7	0.1	1.7	13.1	50.
15.3	47.3	5109.3	550.0	-5.6	-53.4	253.5	24.9	23.8	7.1	317.5	317.6	0.0	1.0	15.1	53.
16.7	50.3	5372.9	525.0	-6.9	-54.3	263.5	22.5	22.3	2.6	320.1	320.2	0.0	1.0	16.8	56.
18.1	53.5	5752.3	500.0	-9.0	-55.6	264.4	20.5	20.4	2.0	322.0	322.2	0.0	1.0	18.5	59.
19.7	56.7	6146.9	475.0	-12.1	-57.6	260.8	18.1	17.9	2.9	323.0	323.1	0.0	1.0	20.1	61.
21.1	60.1	6558.1	450.0	-14.8	-59.2	271.3	18.9	18.9	-0.4	324.6	324.7	0.0	1.0	21.5	62.
22.6	63.8	6987.9	425.0	-17.7	-59.2	280.7	21.8	21.4	-4.0	326.2	326.3	0.0	1.3	23.1	65.
24.2	67.4	7438.7	400.0	-21.1	-59.6	280.8	28.3	27.8	-5.3	327.5	327.6	0.0	1.6	24.8	68.
25.8	71.2	7911.7	375.0	-24.9	-60.5	279.7	30.0	29.5	-5.0	328.6	328.7	0.0	2.1	27.4	71.
27.8	75.3	8419.5	350.0	-29.0	-61.9	280.6	30.8	30.3	-5.7	329.6	329.7	0.0	2.5	30.7	75.
29.8	79.7	8935.8	325.0	-32.5	-63.4	279.0	35.8	35.3	-5.6	331.8	331.8	0.0	2.9	34.4	77.
31.8	84.2	9494.5	300.0	-37.0	-59.8	274.0	37.6	37.5	-2.6	333.1	333.3	0.0	7.2	38.5	80.
34.1	89.0	10089.4	275.0	-42.2	99.9	274.6	35.7	35.6	-2.9	334.2	999.9	99.9	999.9	43.1	81.
36.3	94.2	11728.3	250.0	-46.7	99.9	280.7	34.6	34.0	-6.5	336.7	999.9	99.9	999.9	48.0	83.
38.5	99.6	11419.6	225.0	-52.1	99.9	279.8	44.2	43.6	-7.5	338.7	999.9	99.9	999.9	53.0	85.
41.6	105.5	12172.7	200.0	-57.3	99.9	280.1	47.8	47.0	-8.4	342.1	999.9	99.9	999.9	61.4	87.
44.2	111.8	13008.6	175.0	-61.6	99.9	285.2	31.8	30.7	-8.3	348.3	999.9	99.9	999.9	67.9	88.
47.5	118.7	13951.9	150.0	-66.3	99.9	275.3	23.1	23.0	-2.1	355.6	999.9	99.9	999.9	72.8	89.
51.4	126.3	15049.1	125.0	-67.6	99.9	272.6	54.9*	54.8	-2.5	372.6	999.9	99.9	999.9	81.5	89.
56.1	134.7	16386.7	100.0	-68.4	99.9	266.2	28.7*	28.6	1.9	395.6	999.9	99.9	999.9	92.6	90.
61.4	142.7	18115.1	75.0	-71.5	99.9	12.5	4.7*	-1.0	-4.6	423.0	999.9	99.9	999.9	98.2	90.
69.5	151.7	22601.5	50.0	-60.8	99.9	24.5	1.7	-0.7	-1.6	500.2	999.9	99.9	999.9	97.6	91.
81.7	161.0	25039.1	25.0	-48.7	99.9	321.2	2.3	1.4	-1.8	644.6	999.9	99.9	999.9	98.1	92.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24R
SHREVEPORT, LA

6 MAY 1975
1120 GMT

165 28. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	PCT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		FT	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
0.0	5.2	79.0	995.9	20.0	18.3	130.0	3.2	-2.5	2.1	295.3	330.2	13.5	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	6.7	263.0	975.0	21.0	17.9	295.8	0.8	0.7	-0.3	298.1	333.4	13.4	82.4	0.6	311.
1.4	6.3	488.6	950.0	21.2	15.7	135.4	6.1	-4.3	4.4	300.3	332.1	11.9	70.7	0.7	312.
2.2	10.9	720.4	925.0	21.3	15.1	154.7	9.2	-3.9	8.3	302.6	334.4	11.8	67.9	1.1	315.
3.0	13.2	957.7	900.0	19.3	16.5	177.6	9.8	-0.4	9.3	303.2	339.0	13.3	84.0	1.5	324.
3.8	15.4	1200.2	875.0	17.3	15.9	196.2	10.2	2.8	9.9	303.5	338.9	13.2	91.7	1.9	335.
4.6	17.6	1448.1	850.0	16.1	14.5	206.3	11.3	5.0	10.2	304.6	338.1	12.3	90.2	2.3	345.
5.5	20.0	1702.1	825.0	14.6	13.0	217.7	11.4	7.0	9.7	305.6	337.2	11.5	90.0	2.8	354.
6.5	22.2	1962.5	800.0	13.0	11.3	226.5	10.6	7.7	7.3	306.4	335.6	10.6	89.7	3.2	3.
7.4	24.7	2229.4	775.0	11.3	9.6	230.9	9.2	7.2	5.8	307.2	334.3	9.8	89.4	3.6	9.
8.2	27.0	2503.4	750.0	9.8	8.1	232.8	9.5	7.6	5.7	308.4	333.9	9.1	89.2	3.9	13.
9.1	29.6	2784.7	725.0	7.5	5.4	236.0	9.9	8.3	5.6	308.7	330.8	7.8	86.3	4.3	18.
10.0	32.2	3073.8	700.0	6.1	2.7	241.2	9.8	8.6	4.7	310.1	329.3	6.7	78.8	4.8	22.
11.0	35.0	3371.4	675.0	4.4	-2.9	246.2	8.4	7.7	3.4	311.1	324.6	4.6	58.9	5.2	27.
12.1	37.6	3678.7	650.0	2.9	-2.7	255.3	8.8	8.5	2.2	312.9	327.1	4.8	66.4	5.6	30.
13.1	40.3	3995.5	625.0	0.9	-6.3	266.8	10.5	10.5	0.6	314.0	325.6	3.8	58.4	6.0	34.
14.2	43.0	4322.6	600.0	-1.0	-11.3	270.8	11.5	11.5	-0.2	315.3	323.6	2.7	45.2	6.4	40.
15.4	45.9	4660.9	575.0	-3.4	-19.5	266.6	11.1	11.1	0.7	316.2	320.8	1.4	27.6	7.0	45.
16.6	48.9	5010.8	550.0	-5.5	-19.0	263.0	10.2	10.1	1.3	317.7	322.7	1.5	33.6	7.6	48.
17.8	51.9	5375.0	525.0	-6.6	-33.5	266.6	11.3	11.3	0.7	320.5	322.0	0.4	10.0	8.2	51.
19.1	35.0	5753.7	500.0	-9.7	-37.2	262.2	12.2	12.1	1.7	321.2	322.3	0.3	8.4	9.0	55.
20.5	58.3	6147.3	475.0	-12.8	-38.1	251.1	13.3	12.6	4.3	322.1	323.2	0.3	10.2	10.0	57.
21.8	61.7	6557.2	450.0	-15.9	-50.2	255.0	15.0	14.5	3.9	323.2	323.5	0.1	3.4	11.0	58.
23.2	65.3	6985.6	425.0	-18.6	-52.4	252.1	19.4	18.5	6.0	325.0	325.3	0.1	3.3	12.5	61.
24.7	68.8	7434.4	400.0	-22.0	-56.5	244.8	17.8	16.1	7.6	326.3	326.5	0.0	2.7	14.2	62.
26.0	72.5	7906.2	375.0	-25.5	-57.9	235.8	16.3	13.5	9.2	327.7	327.9	0.0	3.0	15.6	61.
27.7	76.7	8403.2	350.0	-28.8	-59.4	242.7	16.2	14.4	7.4	329.9	330.0	0.0	3.4	17.1	61.
29.2	80.9	8928.7	325.0	-33.4	-61.8	258.7	17.0	16.7	3.3	330.5	330.6	0.0	3.9	18.6	62.
30.9	85.2	9485.1	300.0	-38.4	99.9	267.3	20.2	20.2	0.9	331.2	999.9	99.9	999.9	20.2	64.
33.0	90.0	10077.5	275.0	-43.1	99.9	265.0	26.6	26.5	2.3	332.8	999.9	99.9	999.9	23.2	67.
35.0	95.2	10712.5	250.0	-48.4	99.9	261.6	27.4	27.1	4.7	334.1	999.9	99.9	999.9	26.3	69.
37.1	100.4	11398.9	225.0	-52.9	99.9	262.7	28.7	28.5	3.6	337.4	999.9	99.9	999.9	29.8	70.
39.4	106.4	12149.6	200.0	-58.1	99.9	267.4	25.6	25.5	1.1	340.8	999.9	99.9	999.9	33.5	72.
42.0	113.0	12980.6	175.0	-62.5	99.9	260.4	30.8	30.4	5.1	346.9	999.9	99.9	999.9	37.7	73.
45.7	120.3	13922.2	150.0	-66.5	99.9	253.5	28.6	27.4	8.1	355.5	999.9	99.9	999.9	44.2	74.
49.4	128.7	15021.8	125.0	-66.5	99.9	269.7	36.3	36.3	0.2	374.6	999.9	99.9	999.9	51.7	75.
54.0	137.8	16383.5	100.0	-63.2	99.9	264.7	35.0	34.9	3.3	405.7	999.9	99.9	999.9	62.7	77.
59.4	148.0	18126.8	75.0	-71.9	99.9	287.9	10.6	10.1	-3.2	422.2	999.9	99.9	999.9	67.5	79.
66.7	159.0	23612.5	50.0	-61.1	99.9	132.9	3.6	-2.6	2.5	499.4	999.9	99.9	999.9	67.0	80.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

6 MAY 1975
1115 GMT

157 35. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	7.0	1001.0	26.1	23.4	140.0	6.2	-4.0	4.7	301.7	350.2	18.4	85.0	0.0	0.
0.3	4.8	15.9	1000.0	25.9	23.5	142.7	3.6	-2.2	2.9	301.6	350.4	18.5	86.3	0.2	351.
0.8	6.7	239.4	975.0	24.0	23.9	232.1	1.2	0.9	0.7	302.0	353.6	19.6	99.3	0.6	324.
1.7	9.0	467.4	950.0	22.3	22.3	155.7	12.6	-5.2	11.5	302.3	350.5	18.2	100.7	1.0	330.
2.6	11.1	700.3	925.0	21.2	20.6	159.3	12.2	-4.3	11.4	303.3	348.5	16.9	97.1	1.7	333.
3.5	13.4	937.0	900.0	22.1	-2.8	183.8	8.8	0.0	8.7	304.8	315.3	3.6	18.7	2.3	337.
4.4	15.6	1185.6	875.0	28.6	-4.7	200.7	6.4	2.2	6.0	313.9	323.8	3.3	11.5	2.6	342.
5.4	17.9	1441.3	850.0	26.7	-5.1	202.2	4.4	1.7	4.0	314.6	324.0	3.1	11.9	2.8	346.
6.3	20.3	1702.9	825.0	23.8	-0.5	208.2	4.8	2.3	4.2	314.3	327.8	4.5	20.2	3.0	349.
7.4	22.7	1970.1	800.0	21.4	-1.4	217.2	4.3	2.0	3.4	314.5	327.5	4.3	21.8	3.2	353.
8.5	25.2	2243.5	775.0	19.3	-7.3	194.6	6.1	1.5	5.9	314.9	323.7	2.9	15.8	3.5	355.
9.5	27.5	2523.8	750.0	17.4	-12.0	196.9	8.2	2.4	7.9	315.7	322.1	2.0	12.3	4.0	357.
10.7	30.2	2811.3	725.0	14.8	-9.4	204.2	9.1	3.7	8.3	316.0	324.0	2.6	17.8	4.5	0.
11.8	32.9	3106.1	700.0	11.6	-2.4	209.9	9.1	4.5	7.9	315.9	329.8	4.6	37.9	5.1	3.
12.8	35.5	3409.4	675.0	8.9	2.4	224.9	9.4	6.6	6.6	316.6	326.5	6.8	63.4	5.6	7.
13.9	38.3	3720.8	650.0	6.5	-3.8	234.4	8.9	7.3	5.2	316.9	330.3	4.4	47.4	6.0	11.
15.0	40.9	4041.7	625.0	4.5	-11.0	246.4	8.6	7.9	3.5	317.9	326.2	2.7	31.5	6.4	14.
16.2	43.9	4372.6	600.0	1.8	-19.8	262.1	9.5	9.4	1.3	318.4	322.7	1.3	18.2	6.7	19.
17.4	47.0	4713.8	575.0	-1.1	-21.2	255.7	10.1	9.8	2.5	318.8	322.8	1.2	19.9	7.1	24.
18.7	50.1	5066.4	550.0	-3.9	-24.4	241.9	12.9	11.4	6.1	319.5	322.8	1.0	18.5	7.7	29.
20.1	53.1	5431.5	525.0	-6.6	-25.1	251.0	15.3	14.5	5.0	320.5	323.7	0.9	21.5	8.7	33.
21.3	56.3	5810.7	500.0	-9.3	-25.2	262.7	18.2	18.1	2.3	321.8	325.1	1.0	26.1	9.7	38.
22.7	59.8	6204.9	475.0	-12.6	-21.2	258.2	21.2	20.8	4.3	322.4	327.3	1.5	48.7	10.9	45.
24.0	63.3	6615.4	450.0	-15.3	-32.8	253.2	22.4	21.5	6.5	324.0	320.0	0.6	22.5	12.5	49.
25.6	66.9	7045.8	425.0	-16.5	-66.4	254.4	22.1	21.3	5.9	327.8	327.9	0.0	1.0	14.5	52.
27.3	70.6	7498.6	400.0	-20.3	-62.8	259.4	24.2	23.8	4.5	328.6	328.7	0.0	1.0	16.6	55.
28.9	74.7	7974.3	375.0	-22.4	-64.2	253.9	28.5	27.4	7.9	331.9	331.9	0.0	1.0	19.0	58.
30.5	78.8	8477.3	350.0	-26.2	-66.7	253.2	28.6	27.4	8.2	333.3	333.3	0.0	1.0	21.6	60.
32.6	83.2	9008.2	325.0	-30.9	-55.2	260.2	28.2	27.8	4.8	334.0	334.3	0.1	7.2	24.9	63.
34.5	87.5	9570.6	300.0	-35.9	-53.2	256.2	31.0	30.1	7.4	334.7	335.0	0.1	14.8	28.3	64.
36.7	92.4	10167.8	275.0	-41.5	99.9	257.1	29.0	28.3	6.5	335.1	999.9	99.9	999.9	32.0	66.
39.0	97.4	10809.2	250.0	-45.3	99.9	253.4	36.3	34.8	10.4	336.7	999.9	99.9	999.9	36.5	67.
41.6	102.8	11502.8	225.0	-51.6	99.9	260.0	36.4	35.8	6.3	339.5	999.9	99.9	999.9	42.2	68.
44.4	108.8	12256.3	200.0	-57.4	99.9	262.4	42.4	42.0	5.6	341.9	999.9	99.9	999.9	48.8	70.
47.6	115.2	13093.0	175.0	-59.8	99.9	264.1	38.1	37.9	3.9	351.3	999.9	99.9	999.9	56.9	71.
51.4	122.3	14048.0	150.0	-64.0	99.9	270.4	35.7	35.7	-0.2	359.8	999.9	99.9	999.9	65.7	74.
55.5	130.0	15155.1	125.0	-68.0	99.9	252.4	30.3	28.8	9.2	371.8	999.9	99.9	999.9	74.5	74.
60.7	138.0	16484.5	100.0	-71.7	99.9	294.5	21.0	19.1	-8.7	389.2	999.9	99.9	999.9	81.2	76.
66.5	146.0	18152.0	75.0	-78.6	99.9	255.0	9.1	8.8	2.4	408.0	999.9	99.9	999.9	84.3	78.
75.4	155.0	20616.8	50.0	-58.8	99.9	28.3	2.9	-1.4	-2.6	504.9	999.9	99.9	999.9	84.1	78.
99.9	95.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25E
VICTORIA, TEX

6 MAY 1975
1115 GMT

156 15.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	33.0	999.7	25.0	22.7	180.0	3.7	0.0	3.7	300.6	347.0	17.7	87.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	6.2	253.9	975.0	24.4	23.2	999.9	99.9	99.9	99.9	302.3	351.8	18.7	92.8	999.9	999.
1.6	8.1	481.8	950.0	22.2	21.9	172.7	6.7	-0.8	6.6	302.1	348.9	17.7	97.9	0.6	348.
2.4	10.0	713.9	925.0	20.3	16.9	174.2	8.1	-0.8	8.1	301.8	337.2	13.2	80.7	0.9	350.
3.2	11.8	551.1	900.0	23.6	-2.2	164.2	8.7	-2.4	8.3	306.4	318.5	4.2	23.4	1.3	350.
4.0	13.8	1177.3	875.0	24.6	-9.4	166.6	7.0	-1.6	6.8	309.7	316.2	2.1	9.7	1.7	348.
4.8	15.7	1450.1	850.0	23.7	-11.7	198.6	4.1	1.3	3.9	311.2	316.9	1.8	8.5	2.0	350.
5.7	17.7	1709.2	825.0	22.2	-13.4	216.0	5.5	3.2	4.5	312.2	317.4	1.6	8.1	2.1	354.
6.5	19.8	1974.9	800.0	20.6	-14.4	222.6	7.1	4.8	5.2	313.3	318.3	1.6	8.3	2.4	359.
7.4	21.8	2247.1	775.0	18.0	-16.0	221.7	8.0	5.3	6.0	313.3	317.8	1.4	8.5	2.7	5.
8.4	24.1	2525.5	750.0	15.2	-17.7	229.3	7.3	5.5	4.8	313.2	317.3	1.3	8.8	3.1	11.
9.3	26.1	2810.9	725.0	12.8	-19.2	242.3	6.8	6.1	3.2	313.6	317.3	1.2	9.1	3.4	15.
10.3	28.5	3103.8	700.0	10.2	-20.8	257.6	7.7	7.5	1.6	313.9	317.3	1.0	9.3	3.6	21.
11.3	30.8	3404.2	675.0	7.4	-19.8	269.3	9.3	9.3	0.1	314.0	317.8	1.2	12.3	3.9	27.
12.2	33.3	3713.4	650.0	4.8	-19.0	276.8	11.5	11.4	-1.4	314.6	318.8	1.3	15.9	4.1	34.
13.2	35.7	4031.6	625.0	2.3	-17.9	271.0	14.3	14.3	-0.2	315.3	320.1	1.5	20.7	4.6	43.
14.2	38.2	4359.7	600.0	-0.2	-19.7	264.6	16.7	16.6	1.6	316.1	320.4	1.3	21.2	5.2	50.
15.3	40.7	4698.9	575.0	-2.7	-15.2	253.5	19.8	19.0	5.6	317.1	323.6	2.0	37.6	6.2	55.
16.3	43.3	5049.6	550.0	-5.5	-15.6	245.0	23.7	21.5	10.0	317.8	324.4	2.1	44.6	7.6	58.
17.4	46.1	5412.5	525.0	-8.3	-16.7	238.9	24.8	21.3	12.8	318.7	325.0	2.0	50.4	9.3	58.
18.7	49.1	5788.9	500.0	-11.6	-36.1	240.6	23.3	20.3	11.4	318.9	320.1	0.4	11.3	11.2	58.
19.9	51.9	6181.0	475.0	-13.0	-58.1	251.6	20.7	19.7	6.5	321.9	322.0	0.0	1.0	12.8	59.
21.3	55.0	6591.2	450.0	-15.6	-59.8	256.8	24.2	23.5	5.5	323.5	323.6	0.0	1.0	14.5	61.
22.6	58.0	7019.9	425.0	-18.9	-62.0	265.0	23.6	23.5	2.1	324.6	324.7	0.0	1.0	16.4	63.
23.9	61.4	7468.9	400.0	-21.7	-63.8	267.3	25.2	25.2	1.2	326.7	326.8	0.0	1.0	18.1	66.
25.6	65.0	7941.2	375.0	-25.1	-65.9	264.2	29.1	28.9	3.0	328.3	328.4	0.0	1.0	20.6	68.
27.0	68.3	8439.7	350.0	-29.0	-68.5	266.7	30.6	30.6	1.8	329.6	329.6	0.0	1.0	23.1	70.
28.7	72.0	8963.8	325.0	-33.0	-66.3	263.4	34.7	34.4	4.0	331.2	331.2	0.0	2.0	25.1	72.
31.4	76.2	9521.8	300.0	-37.5	-57.7	260.2	38.1	37.5	6.5	332.4	332.6	0.0	10.1	29.8	73.
32.2	80.4	10116.7	275.0	-41.8	99.9	261.9	39.4	39.0	5.6	334.6	999.9	99.9	999.9	34.3	74.
34.3	85.0	10754.5	250.0	-47.1	99.9	261.4	44.5	44.0	6.7	336.0	999.9	99.9	999.9	39.4	75.
36.6	89.8	11442.3	225.0	-53.3	99.9	264.5	50.5	50.3	4.9	336.9	999.9	99.9	999.9	45.7	76.
39.2	95.2	12191.5	200.0	-59.0	99.9	262.2	52.1	51.6	7.1	339.4	999.9	99.9	999.9	53.6	77.
42.3	100.8	13024.4	175.0	-61.2	99.9	266.8	46.5	46.5	2.6	349.0	999.9	99.9	999.9	62.4	78.
45.7	107.3	13977.9	150.0	-61.3	99.9	266.6	38.4	38.3	2.3	364.5	999.9	99.9	999.9	71.1	79.
50.0	114.7	15105.1	125.0	-64.3	99.9	268.4	32.9*	32.9	0.9	378.7	999.9	99.9	999.9	81.5	80.
54.9	123.3	16454.5	100.0	-70.3	99.9	296.2	17.8*	16.0	-7.9	392.0	999.9	99.9	999.9	89.7	82.
60.5	133.0	18125.9	75.0	-74.4	99.9	266.3	15.5	15.4	1.0	408.6	999.9	99.9	999.9	93.6	83.
69.2	143.7	20600.0	50.0	-60.2	99.9	297.3	8.2	7.3	-3.8	501.8	999.9	99.9	999.9	95.2	83.
82.6	155.0	25029.6	25.0	-51.0	99.9	48.0	5.1	-3.8	-3.4	638.1	999.9	99.9	999.9	95.4	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. . 260
STEPHENVILLE. TFX

6 MAY 1975
1115 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	9.6	399.0	956.5	20.7	19.0	180.0	7.2	0.0	7.2	299.6	338.2	14.7	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	10.2	458.4	950.0	20.8	19.4	277.6	1.4	1.4	-0.2	300.3	347.2	15.1	91.3	0.7	4.
1.2	12.3	689.1	925.0	18.6	17.6	184.5	8.8	0.7	8.7	300.2	337.0	13.9	93.9	0.9	6.
2.4	14.5	925.1	900.0	20.3	17.5	192.8	11.6	2.6	11.3	304.3	342.8	14.2	84.9	1.7	5.
3.4	16.6	1170.4	875.0	24.1	-28.4	201.7	10.1	3.7	9.4	309.9	310.7	0.5	2.6	2.4	9.
4.5	18.9	1422.5	850.0	22.9	-36.0	208.7	10.2	4.9	9.0	310.2	310.9	0.2	1.0	3.0	12.
5.4	21.1	1680.6	825.0	21.0	-37.1	221.0	10.7	7.0	8.1	310.8	311.5	0.2	1.0	3.6	16.
6.5	23.5	1945.0	800.0	19.0	-38.3	236.5	9.5	7.9	5.2	311.4	312.0	0.2	1.0	4.1	21.
7.5	25.8	2215.9	775.0	17.2	-39.4	250.3	10.3	9.7	3.5	312.4	312.9	0.2	1.0	4.6	26.
8.6	28.2	2493.6	750.0	14.8	-33.7	257.8	11.5	11.2	2.4	312.7	313.7	0.3	2.1	5.1	32.
9.7	30.9	2778.3	725.0	12.2	-28.7	261.7	12.0	11.9	1.7	312.9	314.6	0.5	4.0	5.6	38.
10.8	33.4	3070.4	700.0	9.4	-25.7	262.1	13.1	13.0	1.8	313.0	315.2	0.7	6.3	6.3	43.
11.9	35.9	3370.1	675.0	6.9	-26.5	264.0	13.9	13.9	1.5	313.4	315.6	0.6	7.0	6.9	48.
13.1	38.6	3678.2	650.0	4.1	-23.7	261.6	15.8	15.7	2.3	313.7	316.5	0.9	11.0	7.9	52.
14.3	41.1	3994.9	625.0	0.9	-22.5	261.3	15.9	15.7	2.4	313.6	316.8	1.0	15.4	9.0	56.
15.5	44.0	4320.8	600.0	-2.2	-20.1	259.5	18.2	17.9	2.3	313.7	317.9	1.3	23.8	10.0	59.
16.7	46.9	4656.9	575.0	-5.4	-18.3	258.9	17.9	17.6	3.5	313.8	318.8	1.6	35.3	11.3	61.
18.1	50.0	5003.9	550.0	-7.3	-24.7	249.3	13.3	12.5	4.7	315.5	318.5	0.9	23.3	12.7	63.
19.4	52.9	5365.2	525.0	-9.5	-55.9	224.0	10.5	7.3	7.5	316.9	317.1	0.0	1.0	13.4	62.
20.7	55.9	5739.7	500.0	-12.2	-57.6	226.4	11.6	8.4	8.0	318.1	318.3	0.0	1.0	14.3	61.
22.1	59.1	6130.4	475.0	-14.3	-59.0	233.2	13.9	11.1	8.3	320.2	320.3	0.0	1.0	15.4	61.
23.7	62.4	6537.9	450.0	-17.2	-60.8	229.3	14.8	11.2	9.6	321.6	321.7	0.0	1.0	16.6	60.
25.2	65.9	6963.6	425.0	-20.5	-63.0	225.6	15.4	11.0	10.8	322.6	322.7	0.0	1.0	18.0	59.
26.8	69.4	7408.8	400.0	-24.4	-65.5	225.5	16.8	12.8	10.9	323.3	323.3	0.0	1.0	19.5	58.
28.5	73.0	7875.5	375.0	-27.9	-67.8	235.4	19.6	16.2	11.2	324.5	324.6	0.0	1.0	21.3	57.
30.3	77.0	8367.6	350.0	-31.6	-70.3	245.3	24.5	22.3	10.2	326.0	326.0	0.0	1.0	23.6	58.
32.0	81.0	8897.6	325.0	-35.8	-73.0	253.6	30.2	28.9	8.5	327.3	327.3	0.0	1.0	26.2	59.
33.9	85.3	9440.0	300.0	-39.7	99.9	252.6	37.1	35.4	11.1	329.4	999.9	99.9	999.9	30.2	61.
36.3	89.7	10030.1	275.0	-43.7	99.9	250.3	41.7	39.3	14.0	332.0	999.9	99.9	999.9	36.0	63.
38.9	94.6	10662.8	250.0	-49.1	99.9	249.4	44.1	41.3	15.5	333.0	999.9	99.9	999.9	42.2	64.
41.8	99.6	11346.1	225.0	-54.2	99.9	253.9	44.6	42.9	12.4	335.4	999.9	99.9	999.9	49.9	65.
44.9	105.0	12097.1	200.0	-56.5	99.9	261.0	46.4	45.8	7.2	343.3	999.9	99.9	999.9	57.0	67.
48.4	111.0	12937.6	175.0	-58.6	99.9	259.0	37.4	36.7	7.1	353.3	999.9	99.9	999.9	66.5	68.
52.0	117.5	13997.6	150.0	-62.7	99.9	258.5	37.1*	36.4	7.4	362.0	999.9	99.9	999.9	74.0	69.
56.2	125.0	15021.1	125.0	-63.3	99.9	263.9	37.9*	37.6	4.0	380.3	999.9	99.9	999.9	83.1	71.
61.6	133.3	16393.3	100.0	-64.2	99.9	275.2	26.3*	26.2	-2.4	403.8	999.9	99.9	999.9	93.3	72.
67.4	141.3	18142.4	75.0	-66.9	99.9	248.2	10.6*	9.8	3.9	432.6	999.9	99.9	999.9	100.5	73.
76.2	150.3	20637.8	50.0	-60.5	99.9	68.9	10.4	-9.7	-3.7	501.0	999.9	99.9	999.9	100.5	74.
89.9	159.5	25069.0	25.0	-50.1	99.9	27.3	4.8	-2.2	-4.3	640.8	999.9	99.9	999.9	98.9	75.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO. TFX

6 MAY 1975
1115 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	314.0	966.4	24.3	21.8	130.7	4.6	-3.5	3.0	302.7	348.7	17.3	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	10.7	464.4	950.0	22.6	21.7	286.4	1.4	1.4	-0.4	302.5	348.9	17.5	94.4	0.5	311.
1.3	13.1	697.0	925.0	21.1	20.3	173.9	6.6	-0.7	6.6	303.1	347.1	16.5	95.1	0.6	321.
2.3	15.4	935.2	900.0	20.3	19.4	175.6	11.2	-0.8	11.1	304.6	347.6	16.0	95.0	1.0	338.
3.2	17.8	1179.4	875.0	19.9	19.0	183.7	12.7	0.8	12.7	306.6	350.2	16.1	94.9	1.7	346.
4.1	20.3	1429.5	850.0	18.6	12.8	200.9	12.3	4.4	11.5	307.1	337.5	11.0	69.4	2.4	353.
4.9	22.6	1686.6	825.0	18.9	5.3	217.6	12.5	7.6	9.9	309.5	329.1	6.8	40.9	2.9	0.
5.9	25.2	1949.8	800.0	17.5	-9.3	246.0	10.2	9.3	4.2	310.1	317.4	2.4	15.2	3.3	9.
7.0	27.6	2219.3	775.0	15.0	-13.8	257.4	10.4	10.2	2.3	310.2	315.5	1.7	12.3	3.6	18.
8.0	30.2	2495.1	750.0	12.5	-20.7	268.2	10.8	10.8	0.3	310.3	313.4	1.0	8.1	4.0	27.
9.3	33.0	2778.1	725.0	10.9	-21.7	265.0	9.7	9.6	0.8	311.5	314.5	0.9	8.3	4.4	37.
10.3	35.6	3069.5	700.0	9.2	-22.7	247.7	10.3	9.6	3.9	312.8	315.7	0.9	8.5	4.8	41.
11.4	38.4	3369.1	675.0	6.6	-21.2	229.9	10.6	8.1	6.8	313.2	316.5	1.0	11.5	5.5	43.
12.5	41.1	3677.4	650.0	4.5	-22.5	215.6	12.7	7.4	10.4	314.1	317.3	1.0	11.9	6.3	43.
13.6	44.1	3954.8	625.0	1.3	-19.4	218.4	14.8	9.2	11.6	314.1	318.3	1.3	19.7	7.2	42.
14.7	47.1	4321.7	600.0	-1.3	-19.9	224.3	16.6	11.6	11.9	314.2	319.0	1.3	22.6	8.2	42.
15.9	50.2	4659.2	575.0	-4.1	-23.7	229.4	19.5	14.8	12.7	315.3	318.6	1.0	20.2	9.5	43.
17.1	53.3	5008.2	550.0	-6.1	-53.8	230.4	17.1	13.1	10.9	316.8	317.0	0.0	1.0	10.9	44.
18.4	56.4	5370.7	525.0	-8.3	-55.2	224.8	13.9	9.8	9.8	318.4	318.5	0.0	1.0	12.1	44.
19.8	59.8	5747.1	500.0	-11.2	-57.0	223.8	13.4	9.2	9.7	319.3	319.4	0.0	1.0	13.2	44.
21.3	63.3	6139.5	475.0	-13.8	-58.7	249.5	16.1	15.1	5.7	320.9	321.0	0.0	1.0	14.4	45.
22.6	66.7	6547.3	450.0	-16.3	-60.3	259.8	22.1	21.7	3.9	322.7	322.8	0.0	1.0	15.7	48.
24.0	70.4	6975.9	425.0	-18.2	-61.5	255.1	29.0	28.0	7.5	325.5	325.6	0.0	1.0	17.6	52.
25.6	74.0	7425.9	400.0	-21.3	-58.4	251.3	30.5	28.9	9.8	327.2	327.3	0.0	2.0	20.3	54.
27.4	78.2	7898.0	375.0	-25.5	-59.4	248.0	30.6	28.4	11.5	327.8	327.9	0.0	2.5	23.5	56.
29.3	82.0	8394.9	350.0	-28.9	-60.6	244.2	35.8	32.3	15.6	329.8	329.9	0.0	2.9	27.3	58.
31.3	86.3	8920.1	325.0	-33.5	-48.1	246.4	39.1	35.9	15.7	330.4	331.0	0.1	21.2	31.8	59.
33.4	90.8	9476.8	300.0	-38.1	-47.0	244.7	41.4	37.4	17.7	331.5	332.2	0.2	38.6	36.8	60.
35.4	95.7	10069.4	275.0	-43.2	99.9	243.4	41.1	36.7	18.4	332.6	999.9	99.9	999.9	41.8	60.
37.7	100.5	10703.9	250.0	-48.4	99.9	245.4	42.9	39.0	17.8	334.2	999.9	99.9	999.9	47.5	61.
40.3	106.0	11391.8	225.0	-51.9	99.9	251.6	47.9	45.5	15.2	339.0	999.9	99.9	999.9	53.9	62.
42.8	111.5	12146.6	200.0	-57.1	99.9	252.5	48.6	46.3	14.6	342.4	999.9	99.9	999.9	61.2	63.
45.9	117.8	12982.1	175.0	-61.5	99.9	252.8	48.1*	45.9	14.2	348.5	999.9	99.9	999.9	70.6	64.
49.3	124.7	13936.4	150.0	-61.7	99.9	255.7	43.8*	42.5	10.9	363.7	999.9	99.9	999.9	77.8	65.
53.5	132.0	15063.6	125.0	-63.3	99.9	255.4	43.8*	42.4	11.0	380.3	999.9	99.9	999.9	89.4	67.
58.4	140.0	16415.5	100.0	-67.4	99.9	278.1	28.6*	28.3	-4.0	397.5	999.9	99.9	999.9	98.8	69.
63.7	148.3	18128.5	75.0	-73.2	99.9	252.2	8.4*	8.0	2.6	419.6	999.9	99.9	999.9	104.6	70.
71.5	152.3	21591.9	50.0	-60.7	99.9	282.5	3.2	3.1	-0.7	500.4	999.9	99.9	999.9	104.1	71.
82.7	165.0	24957.4	25.0	-51.7	99.9	999.9	99.9	99.9	99.9	636.0	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

6 MAY 1975
1115 GMT

157 17. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GFM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	11.7	873.0	907.6	12.8	-7.2	350.0	6.2	1.1	-6.1	294.3	301.3	2.4	24.0	7.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	12.3	944.3	900.0	15.6	-2.4	160.5	2.0	-0.7	1.8	298.1	308.2	3.6	28.9	6.9	171.
1.1	14.5	1182.8	875.0	14.9	-3.4	336.2	6.8	2.8	-6.3	299.7	309.4	3.4	28.0	0.9	170.
2.0	16.4	1427.9	850.0	15.1	-3.3	319.6	12.7	8.2	-9.6	302.4	312.5	3.6	28.5	1.5	163.
2.9	18.6	1680.8	825.0	15.3	-2.8	288.3	11.7	11.1	-3.7	305.3	310.2	3.8	28.5	2.1	151.
3.9	20.7	1940.7	800.0	13.8	-4.1	262.9	10.9	10.8	1.4	308.3	315.6	3.5	28.5	2.5	138.
4.9	22.9	2206.9	775.0	11.3	-5.8	263.8	12.7	12.7	1.4	306.4	315.8	3.2	29.7	2.9	127.
5.7	25.2	2479.5	750.0	9.0	-7.7	256.6	13.3	13.0	3.1	306.7	315.2	2.9	29.8	3.4	119.
6.6	27.4	2759.2	725.0	7.0	-9.4	252.4	17.0	16.2	5.1	307.5	315.2	2.6	29.8	4.0	111.
7.5	29.6	3046.6	700.0	5.1	-10.4	238.8	16.6	14.2	8.6	308.4	315.9	2.5	31.6	4.7	103.
8.5	32.3	3342.2	675.0	2.8	-11.6	225.3	16.5	11.7	11.6	309.0	316.1	2.3	33.7	5.4	94.
9.7	34.9	3646.3	650.0	0.5	-13.1	217.2	17.1	10.3	13.6	309.8	316.3	2.1	35.1	6.2	86.
10.7	37.3	3960.0	625.0	-1.9	-14.3	210.5	16.8	8.5	14.5	310.5	316.7	2.0	38.1	6.9	79.
11.0	40.3	4283.1	600.0	-4.3	-15.2	205.5	18.2	7.8	16.5	311.3	317.4	1.9	42.1	7.7	72.
13.1	42.6	4618.0	575.0	-5.5	-18.3	209.3	23.7	11.5	20.8	313.7	318.7	1.6	36.1	8.7	65.
14.3	45.4	4965.2	550.0	-8.1	-23.6	212.7	24.1	13.0	20.3	314.6	318.0	1.0	27.3	10.4	59.
15.5	48.4	5324.3	525.0	-11.4	-26.4	219.0	22.3	14.0	17.3	314.8	317.6	0.8	27.4	11.9	56.
16.8	51.3	5697.0	500.0	-13.1	-29.0	232.1	21.9	17.3	13.5	317.2	319.5	0.7	24.6	13.5	55.
18.1	54.4	6086.7	475.0	-14.6	-31.8	238.3	24.2	20.6	12.7	319.9	321.8	0.6	21.6	15.3	55.
19.4	57.4	6493.5	450.0	-18.1	-34.6	237.8	26.5	22.4	14.1	320.5	322.0	0.4	21.7	17.3	55.
20.8	60.9	6917.0	425.0	-22.4	-38.3	234.3	25.7	20.8	15.1	320.2	321.4	0.3	22.0	19.5	55.
22.4	64.3	7359.2	400.0	-25.3	-40.6	235.3	31.4	25.8	17.9	322.1	323.1	0.3	22.1	22.3	55.
24.1	67.8	7825.2	375.0	-28.6	-43.5	244.0	35.1	31.5	15.4	323.6	324.4	0.2	22.3	25.5	56.
26.0	71.4	8316.1	350.0	-31.7	-46.1	243.1	40.1	35.8	18.2	325.9	326.5	0.2	22.5	29.7	57.
27.9	75.5	8835.9	325.0	-35.7	-49.4	239.2	42.0	36.1	21.5	327.4	327.9	0.1	22.7	34.7	58.
30.0	79.8	9387.3	300.0	-40.3	99.9	237.7	42.1	35.6	22.5	328.6	99.9	99.9	99.9	39.8	58.
32.2	84.2	9974.5	275.0	-45.2	99.9	240.6	42.4	36.9	20.8	329.7	99.9	99.9	99.9	45.3	56.
34.5	88.8	10604.1	250.0	-49.7	99.9	244.0	41.9	37.7	18.4	332.2	99.9	99.9	99.9	51.3	58.
37.0	94.0	11288.1	225.0	-53.0	99.9	246.9	42.7*	39.3	16.8	337.3	99.9	99.9	99.9	57.5	59.
40.1	99.5	12040.5	200.0	-57.1	99.9	243.6	45.9*	41.1	20.4	342.4	99.9	99.9	99.9	66.2	60.
43.2	105.5	12882.4	175.0	-58.7	99.9	249.6	39.2*	36.8	13.7	353.1	99.9	99.9	99.9	74.0	61.
46.4	112.0	13847.0	150.0	-59.3	99.9	254.6	37.1*	35.8	9.8	368.0	99.9	99.9	99.9	81.1	61.
50.3	119.7	14981.7	125.0	-62.4	99.9	259.1	35.6*	35.0	6.7	382.0	99.9	99.9	99.9	89.9	63.
55.2	128.7	16344.2	100.0	-65.8	99.9	256.3	28.7*	27.9	6.8	400.7	99.9	99.9	99.9	99.3	64.
61.2	138.5	18092.4	75.0	-65.6	99.9	55.5	5.0*	-4.1	-2.9	435.4	99.9	99.9	99.9	105.8	65.
69.9	149.5	20595.0	50.0	-60.5	99.9	65.3	3.6*	-3.3	-1.5	500.9	99.9	99.9	99.9	104.3	65.
83.9	162.5	25031.0	25.0	-50.1	99.9	342.1	6.3	1.9	-6.0	640.8	99.9	99.9	99.9	103.2	67.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX

6 MAY 1975
1115 GMT

148 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.2	1193.0	876.0	10.3	-11.6	30.0	3.2	-1.6	-2.8	294.6	299.8	1.8	20.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.0	17.3	1202.6	875.0	10.4	-11.4	25.8	3.2	-1.4	-2.9	294.9	300.2	1.8	20.3	0.0	342.
0.9	19.7	1443.9	850.0	9.9	-10.0	330.2	5.4	2.7	-4.7	296.8	302.9	2.1	23.5	0.2	186.
1.8	22.0	1690.6	825.0	7.6	-11.0	322.1	7.0	4.3	-5.6	296.9	302.7	2.0	25.2	0.5	153.
2.6	24.6	1943.1	800.0	5.5	-12.0	316.7	8.2	5.6	-6.0	297.3	302.8	1.9	27.0	0.8	148.
3.5	26.9	2201.3	775.0	3.2	-13.5	311.6	10.2	7.6	-6.7	297.4	302.6	1.7	28.1	1.3	143.
4.2	29.6	2465.8	750.0	0.7	-13.2	292.1	12.6	11.6	-4.7	297.6	303.0	1.8	34.6	1.7	139.
5.2	32.2	2737.4	725.0	-0.3	-8.6	259.9	21.5	21.1	3.8	299.4	307.4	2.8	53.7	2.3	121.
6.4	35.0	3018.0	700.0	-1.2	-9.8	234.7	21.6	17.6	12.4	301.5	309.1	2.6	51.6	3.7	112.
7.3	37.5	3307.8	675.0	-2.5	-14.0	233.3	25.1	20.1	15.0	303.1	308.8	1.9	40.7	4.7	90.
8.3	40.3	3605.9	650.0	-4.9	-18.9	235.8	28.8	23.8	16.2	303.6	307.6	1.3	32.2	6.1	81.
9.3	43.0	3913.5	625.0	-6.0	-19.9	241.9	31.4	27.7	14.8	305.7	309.6	1.3	32.0	7.8	75.
10.2	46.0	4232.6	600.0	-6.9	-27.3	245.9	31.3	28.5	12.8	308.2	310.4	0.7	17.8	9.5	74.
11.2	49.0	4564.9	575.0	-6.9	-30.2	248.5	30.2	28.1	11.1	312.0	313.8	0.5	13.5	11.3	72.
12.4	51.9	4911.0	550.0	-8.2	-31.2	252.5	28.8	27.5	8.7	314.4	316.1	0.5	13.6	13.3	72.
13.6	55.1	5269.9	525.0	-11.3	-33.6	254.4	28.0	26.9	7.5	314.8	316.2	0.4	13.8	15.5	72.
14.9	58.1	5642.7	500.0	-13.3	-35.1	251.0	30.3	28.6	9.9	316.8	318.1	0.4	14.0	17.7	73.
16.2	61.4	6031.7	475.0	-15.3	-36.6	247.4	28.3	26.2	10.9	319.0	320.2	0.3	14.1	20.0	72.
17.5	64.9	6438.2	450.0	-17.8	-38.5	246.8	28.1	25.9	11.1	320.8	321.9	0.3	14.3	22.2	72.
18.9	68.3	6863.2	425.0	-21.0	-40.9	242.7	29.3	26.0	13.4	322.0	322.9	0.2	14.6	24.5	71.
20.1	71.7	7317.7	400.0	-24.6	-43.7	239.4	29.8	25.7	15.2	322.9	323.6	0.2	14.9	26.7	70.
21.4	75.5	7773.5	375.0	-29.0	-45.8	236.2	26.8	22.2	14.9	323.2	323.8	0.2	17.8	28.8	69.
23.1	79.5	8262.3	350.0	-33.3	-48.7	237.1	29.1	24.5	15.8	323.7	324.2	0.1	19.6	31.5	68.
24.8	83.5	8777.5	325.0	-38.2	-52.7	236.5	26.2	21.9	14.5	323.9	324.2	0.1	19.9	34.3	67.
26.8	87.7	9323.2	300.0	-42.5	99.9	232.7	27.7	22.0	16.8	325.4	999.9	99.9	999.9	37.3	66.
28.8	92.2	9905.9	275.0	-46.2	99.9	237.9	34.3	29.0	18.2	328.4	999.9	99.9	999.9	41.2	65.
31.0	96.8	10534.4	250.0	-50.0	99.9	239.2	42.0	36.1	21.5	331.8	999.9	99.9	999.9	46.2	64.
33.4	101.8	11216.3	225.0	-53.8	99.9	242.6	48.2	42.7	22.2	336.0	999.9	99.9	999.9	52.6	64.
35.9	107.4	11966.0	200.0	-57.5	99.9	241.8	44.7*	39.4	21.1	341.8	999.9	99.9	999.9	59.8	64.
38.8	113.3	12807.3	175.0	-58.1	99.9	246.9	41.5*	38.1	16.2	354.0	999.9	99.9	999.9	66.9	64.
42.1	119.5	13774.2	150.0	-58.7	99.9	245.6	40.5*	36.9	16.7	368.9	999.9	99.9	999.9	75.5	64.
45.9	126.7	14912.5	125.0	-61.2	99.9	250.3	47.3*	44.5	15.9	384.1	999.9	99.9	999.9	85.5	64.
50.7	134.7	16298.3	100.0	-61.6	99.9	257.8	41.3*	40.4	8.7	408.7	999.9	99.9	999.9	95.5	60.
55.8	142.3	19070.0	75.0	-66.1	99.9	247.0	11.7*	10.8	4.6	434.4	999.9	99.9	999.9	101.7	65.
63.9	151.3	20579.7	50.0	-60.5	99.9	163.3	1.9	-0.5	1.8	501.1	999.9	99.9	999.9	100.6	65.
76.0	160.5	25002.0	25.0	-51.3	99.9	330.3	5.6	2.8	-4.9	637.5	999.9	99.9	999.9	99.5	67.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

6 MAY 1975
1115 GMT

159 32. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	180.0	990.6	13.1	12.8	170.0	3.1	-0.5	3.1	288.3	312.4	9.4	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	7.9	314.5	975.0	15.8	12.7	260.6	2.1	2.1	0.3	292.3	317.1	9.5	81.8	0.4	358.
1.6	10.1	535.8	950.0	16.3	11.2	224.7	9.2	6.4	6.5	294.9	318.4	8.9	71.8	0.7	18.
2.6	12.2	783.0	925.0	16.3	8.8	226.2	11.4	8.2	7.9	297.0	317.8	7.7	60.9	1.2	31.
3.5	14.5	996.2	900.0	15.3	10.3	233.4	8.8	7.1	5.3	298.5	322.2	8.8	72.0	1.8	37.
4.6	16.6	1234.9	875.0	14.1	7.8	229.0	8.1	6.1	5.3	299.5	320.5	7.7	66.6	2.3	41.
5.6	19.0	1479.1	850.0	12.7	5.1	227.5	8.0	5.9	5.4	300.4	318.3	6.5	59.7	2.8	42.
6.6	21.3	1729.6	825.0	11.4	5.4	234.0	7.3	5.9	4.3	301.5	320.5	6.9	66.8	3.3	43.
7.7	23.8	1986.3	800.0	9.6	3.8	242.7	6.5	5.8	3.0	302.3	319.9	6.3	67.0	3.7	45.
8.8	26.1	2249.1	775.0	7.8	0.7	262.0	5.6	5.6	0.8	302.9	317.6	5.2	60.7	4.0	47.
10.0	28.7	2519.1	750.0	6.5	-3.2	278.8	6.4	6.3	-1.0	304.2	315.8	4.0	49.9	4.4	51.
11.1	31.3	2796.7	725.0	4.7	-3.0	285.7	7.3	7.0	-2.2	305.2	317.4	4.2	57.2	4.7	56.
12.2	34.0	3082.2	700.0	3.2	-3.8	287.1	8.3	8.0	-2.2	306.5	318.6	4.1	60.2	5.0	60.
13.5	36.6	3375.7	675.0	0.4	-5.1	277.9	8.5	8.4	-1.2	306.6	318.0	3.9	66.4	5.5	65.
14.7	39.4	3677.1	650.0	-2.3	-9.0	278.7	9.2	9.1	-1.4	306.8	315.6	3.0	59.7	6.1	68.
15.9	42.1	3987.5	625.0	-4.7	-12.9	289.3	11.3	10.6	-3.7	307.3	314.1	2.3	52.5	6.7	72.
17.2	45.1	4307.6	600.0	-7.2	-15.6	296.4	13.2	11.8	-5.9	308.0	313.8	1.9	51.0	7.4	76.
18.5	48.1	4638.1	575.0	-8.9	-21.2	299.3	16.0	14.0	-7.8	309.7	313.5	1.2	36.2	8.3	82.
19.7	51.1	4983.6	550.0	-11.7	-23.7	303.1	16.6	13.9	-9.0	310.3	313.6	1.0	36.0	9.3	87.
21.1	54.4	5335.7	525.0	-13.5	-26.8	307.1	18.1	14.4	-10.9	312.2	314.9	0.8	31.6	10.4	91.
22.7	57.6	5706.3	500.0	-14.8	-28.9	308.7	17.9	13.9	-11.2	315.0	317.4	0.7	28.9	11.8	96.
24.2	61.1	6093.0	475.0	-16.4	-30.2	312.6	18.4	13.6	-12.5	317.7	319.9	0.6	29.1	13.2	100.
25.8	64.7	6498.5	450.0	-18.4	-30.6	314.8	20.7	14.7	-14.6	320.2	322.4	0.7	33.1	14.8	105.
27.4	68.2	6922.5	425.0	-21.8	-33.7	311.1	21.5	16.2	-14.1	321.1	322.8	0.5	32.7	16.6	108.
29.2	71.9	7365.9	400.0	-25.4	-37.0	307.5	20.7	16.4	-12.6	321.9	323.3	0.4	32.7	18.8	110.
31.0	76.0	7831.0	375.0	-28.6	-40.1	304.0	20.4	16.9	-11.4	323.7	324.8	0.3	31.8	20.9	112.
33.0	80.1	8321.0	350.0	-32.7	-43.8	297.3	22.0	19.5	-10.1	324.6	325.4	0.2	31.8	23.2	113.
35.0	84.5	8839.6	325.0	-36.9	-47.5	293.8	23.1	21.1	-9.3	325.8	326.4	0.2	31.8	26.1	113.
37.2	89.0	9387.7	300.0	-40.9	99.9	291.1	24.3	22.7	-8.8	327.7	999.9	99.9	999.9	29.3	113.
39.6	94.0	9973.3	275.0	-45.6	99.9	287.0	28.9	27.7	-8.5	329.1	999.9	99.9	999.9	33.0	113.
42.2	99.0	10601.6	250.0	-50.9	99.9	284.9	31.9	30.8	-8.2	330.4	999.9	99.9	999.9	37.8	112.
44.8	104.5	11279.7	225.0	-55.8	99.9	287.2	35.4	33.8	-10.5	333.1	999.9	99.9	999.9	43.2	111.
47.7	110.6	12019.5	200.0	-61.6	99.9	291.2	32.6	30.4	-11.8	335.3	999.9	99.9	999.9	49.3	110.
50.9	117.0	12837.9	175.0	-68.5	99.9	300.5	29.5	25.4	-14.9	340.2	999.9	99.9	999.9	55.8	111.
54.6	124.3	13768.6	150.0	-64.3	99.9	307.0	33.1	26.4	-19.9	359.4	999.9	99.9	999.9	63.7	112.
59.0	132.7	14883.8	125.0	-62.7	99.9	290.6	28.7	26.8	-10.1	381.5	999.9	99.9	999.9	71.4	113.
64.2	145.0	16273.2	100.0	-61.6	99.9	283.6	26.3	25.6	-6.2	408.7	999.9	99.9	999.9	78.1	112.
70.8	148.3	18061.2	75.0	-61.2	99.9	277.9	12.0	11.9	-1.6	444.5	999.9	99.9	999.9	83.4	111.
79.0	157.0	20574.6	50.0	-59.5	99.9	81.9	4.3	4.3	-0.6	503.3	999.9	99.9	999.9	88.9	112.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 140
LITTLE ROCK, ARK

6 MAY 1975

1115 GMT

157 25. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	79.0	997.3	18.9	16.7	180.0	1.5	0.0	1.5	293.9	325.3	12.1	87.0	2.2	0.0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	8.9	275.3	975.0	21.2	15.9	288.3	2.9	2.8	-0.9	298.1	329.3	11.8	71.8	0.4	14.0
1.1	11.2	500.9	950.0	20.7	19.4	212.6	8.8	4.8	7.4	307.2	340.3	15.2	92.5	0.5	25.0
1.8	13.6	732.2	925.0	20.0	19.2	206.8	16.2	7.3	14.5	301.9	342.7	15.4	94.9	1.1	25.0
2.5	15.9	969.1	900.0	18.4	17.5	211.7	15.5	8.2	13.2	302.3	340.2	14.1	94.5	1.7	26.0
3.1	18.3	1211.1	875.0	17.2	15.6	211.6	15.2	8.0	13.0	303.4	338.1	12.9	90.1	2.4	28.0
3.8	20.9	1458.9	850.0	16.0	14.1	209.9	15.4	7.4	13.5	304.5	337.2	12.0	88.2	3.0	29.0
4.5	23.2	1712.9	825.0	14.5	12.6	203.2	13.7	5.4	12.6	305.4	336.1	11.2	86.4	3.6	28.0
5.2	25.7	1973.2	800.0	13.2	8.8	204.2	12.1	5.0	11.1	306.4	331.2	8.9	74.6	4.2	27.0
6.0	28.3	2240.3	775.0	12.0	7.6	203.8	9.1	3.7	8.4	307.8	331.7	8.5	74.5	4.7	27.0
6.7	31.1	2514.4	750.0	9.7	7.6	207.9	6.6	3.1	5.8	308.3	333.0	8.8	87.1	5.0	27.0
7.6	33.9	2795.4	725.0	7.1	6.2	224.8	6.1	4.3	4.3	308.3	331.5	8.2	94.0	5.3	27.0
8.4	36.5	3084.6	700.0	6.3	4.3	237.9	6.4	5.4	3.4	310.5	331.8	7.5	86.7	5.6	29.0
9.2	35.3	3382.2	675.0	3.8	2.1	237.7	5.9	5.0	3.2	310.7	329.8	6.6	88.9	5.8	30.0
10.0	42.1	3687.8	650.0	1.0	-0.3	235.1	4.8	3.9	2.7	310.9	327.7	5.8	91.0	6.1	31.0
10.9	45.1	4002.1	625.0	-1.8	-4.5	240.2	4.8	4.1	2.4	311.0	324.0	4.4	81.5	6.3	32.0
11.8	48.3	4326.6	600.0	-3.4	-10.0	242.9	5.2	4.7	2.4	312.6	321.6	3.0	60.1	6.5	34.0
12.7	51.3	4661.7	575.0	-5.9	-19.2	239.0	5.8	4.9	3.0	313.2	317.8	1.5	33.9	6.8	35.0
13.5	54.5	5008.2	550.0	-8.7	-20.3	250.4	6.7	6.3	2.3	313.8	318.3	1.4	39.6	7.1	36.0
14.5	57.6	5366.8	525.0	-11.8	-14.2	269.3	9.5	9.5	0.1	314.6	322.1	2.4	82.2	7.4	38.0
15.6	61.0	5740.1	500.0	-12.0	-23.3	279.8	10.8	10.6	-1.8	318.5	321.7	1.0	31.8	7.8	43.0
16.7	64.6	6131.4	475.0	-14.2	-42.2	280.7	9.7	9.6	-1.8	320.4	321.1	0.2	7.1	8.2	47.0
17.8	68.0	6539.3	450.0	-17.3	-43.9	273.5	10.0	10.0	-0.6	321.5	322.1	0.2	7.7	8.6	50.0
19.1	71.6	6964.8	425.0	-20.7	-56.7	269.4	14.1	14.1	0.1	322.3	322.6	0.1	3.3	9.2	53.0
20.3	75.4	7410.6	400.0	-23.6	-65.0	267.6	17.4	17.4	0.7	324.2	324.2	0.0	1.0	10.2	57.0
21.7	79.5	7878.6	375.0	-27.6	-66.2	257.8	17.7	17.3	3.7	325.0	325.1	0.0	1.2	11.6	61.0
23.2	83.5	8371.4	350.0	-31.3	-53.0	255.2	16.6	16.0	4.2	326.5	326.8	0.1	9.7	13.2	62.0
24.9	87.8	8892.3	325.0	-35.2	-61.6	248.3	18.7	17.4	6.9	328.1	328.2	0.0	4.7	14.8	64.0
26.8	92.4	9445.1	300.0	-39.6	99.9	255.2	15.0	14.5	3.8	329.5	999.9	99.9	999.9	16.8	64.0
28.7	97.0	10034.0	275.0	-44.1	99.9	245.1	18.4	16.7	7.8	331.4	999.9	99.9	999.9	18.7	65.0
31.0	102.0	10666.0	250.0	-49.3	99.9	244.7	21.3	19.3	9.1	332.8	999.9	99.9	999.9	21.5	65.0
33.4	107.6	11349.1	225.0	-54.1	99.9	248.7	21.0	19.6	7.6	335.6	999.9	99.9	999.9	24.7	65.0
36.2	113.3	12095.9	200.0	-59.6	99.9	242.9	19.4	17.2	8.8	338.4	999.9	99.9	999.9	28.0	65.0
39.2	119.3	12920.0	175.0	-64.9	99.9	251.7	18.9	17.9	5.9	342.9	999.9	99.9	999.9	31.3	65.0
42.6	126.0	13853.8	150.0	-67.1	99.9	264.6	27.8	27.6	2.6	354.5	999.9	99.9	999.9	35.6	67.0
46.7	133.0	14954.6	125.0	-65.1	99.9	273.4	30.5	30.5	-1.8	377.1	999.9	99.9	999.9	42.8	70.0
51.0	140.0	16316.6	100.0	-64.1	99.9	274.1	20.1	20.0	-1.4	403.8	999.9	99.9	999.9	48.7	73.0
57.2	147.3	18084.8	75.0	-61.5	99.9	312.5	11.7	8.8	-7.9	444.0	999.9	99.9	999.9	54.6	77.0
64.7	154.7	20610.7	50.0	-59.6	99.9	124.3	3.4	-2.8	1.9	503.3	999.9	99.9	999.9	55.2	79.0
77.2	162.0	25038.1	25.0	-51.4	99.9	999.9	99.9	99.9	99.9	636.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MO

6 MAY 1975
1115 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.1	438.0	954.6	17.8	16.5	160.0	3.1	-1.1	2.9	296.5	329.2	12.5	92.0	6.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	9.5	479.7	950.0	18.2	16.9	180.4	7.7	0.1	7.7	297.3	331.3	12.9	92.5	0.1	353.
1.0	11.5	739.8	925.0	19.3	18.3	194.2	14.7	3.6	14.2	301.0	339.5	14.5	93.9	0.7	358.
2.0	13.8	946.0	900.0	18.7	16.7	207.2	15.0	6.9	13.4	302.5	338.5	13.4	88.1	1.5	13.
2.9	15.9	1188.4	875.0	18.0	16.3	220.3	13.2	8.5	10.0	304.3	349.8	13.5	89.8	2.3	19.
3.8	18.3	1436.8	850.0	16.5	14.6	227.5	12.5	9.2	8.4	305.1	338.8	12.4	88.7	2.9	25.
4.8	20.5	1691.4	825.0	15.1	13.2	230.9	10.2	7.9	6.5	306.1	338.0	11.6	88.1	3.5	30.
5.9	22.9	1951.9	800.0	12.9	10.7	234.0	7.9	6.4	4.6	306.3	334.4	10.2	86.2	4.1	33.
6.9	25.4	2219.1	775.0	11.8	8.1	229.1	8.2	6.2	5.4	307.7	332.4	8.8	77.7	4.6	35.
8.1	27.9	2493.0	750.0	9.9	5.1	228.9	8.9	6.7	5.8	308.3	329.2	7.4	72.1	5.1	36.
9.1	30.5	2774.5	725.0	8.1	2.1	232.2	9.1	7.2	5.6	309.1	326.8	6.2	66.0	5.7	38.
10.2	33.2	3063.5	700.0	6.3	-1.0	230.5	9.7	7.5	6.2	310.2	325.0	5.1	59.5	6.3	39.
11.4	35.8	3361.0	675.0	4.4	-3.4	226.2	9.7	7.0	6.7	311.1	324.2	4.4	56.9	7.0	40.
12.5	38.4	3667.4	650.0	2.1	-5.4	218.7	11.4	7.1	8.9	311.8	323.5	3.9	57.8	7.7	40.
13.7	41.2	3982.9	625.0	0.1	-9.3	215.6	12.0	7.0	9.8	312.9	322.1	3.0	49.4	8.5	40.
15.0	44.1	4308.5	600.0	-2.6	-12.3	208.1	10.7	5.1	9.5	313.4	321.0	2.5	47.0	9.4	39.
16.2	47.3	4644.5	575.0	-5.8	-13.5	207.2	10.5	4.8	9.3	313.5	320.7	2.3	54.0	10.2	38.
17.5	50.3	4991.9	550.0	-7.4	-14.7	222.3	11.5	7.8	8.5	315.6	322.5	2.2	56.6	11.0	38.
18.7	53.4	5353.2	525.0	-9.3	-25.3	235.6	11.8	9.8	6.7	317.3	320.4	0.9	26.1	11.9	39.
20.1	56.4	5728.5	500.0	-11.9	-29.3	237.4	12.6	10.6	6.8	318.6	320.8	0.7	22.0	12.8	40.
21.4	59.9	6118.7	475.0	-15.3	-32.2	233.3	11.4	9.1	6.8	319.1	320.9	0.5	21.9	13.8	41.
23.0	63.4	6525.0	450.0	-18.1	-35.7	236.4	12.5	10.4	6.9	320.5	321.9	0.4	19.6	14.8	42.
24.5	66.7	6949.8	425.0	-21.0	-38.0	243.0	14.0	12.5	6.4	322.1	323.3	0.3	19.8	16.0	43.
26.1	70.4	7394.1	400.0	-24.5	-40.9	245.6	15.7	14.3	6.5	323.2	324.1	0.3	19.9	17.3	45.
27.7	74.2	7861.4	375.0	-27.7	-43.7	249.3	15.5	14.5	5.5	324.9	325.7	0.2	19.9	18.7	47.
29.4	78.3	8353.7	350.0	-31.3	-46.7	243.8	18.4	16.5	8.1	326.4	327.0	0.2	20.2	20.4	49.
31.3	82.6	8873.8	325.0	-35.9	-49.6	250.2	17.5	16.5	5.9	327.1	327.6	0.1	22.6	22.4	50.
33.5	87.0	9424.2	300.0	-40.5	-52.3	252.3	19.0	18.1	5.8	328.3	328.3	99.9	999.9	24.6	52.
35.9	91.8	10011.2	275.0	-45.2	-55.9	259.2	19.2	18.9	3.6	329.7	329.7	99.9	999.9	27.1	55.
38.4	96.8	10641.0	250.0	-50.2	-59.9	258.6	20.1	19.7	4.0	331.5	329.9	99.9	999.9	29.8	57.
40.8	102.0	11320.7	225.0	-55.2	-64.9	258.6	21.1	20.7	4.2	333.9	329.9	99.9	999.9	32.6	59.
43.6	108.0	12064.9	200.0	-59.9	-69.9	255.5	21.6	20.9	5.4	337.9	329.9	99.9	999.9	36.1	61.
46.8	114.3	12890.7	175.0	-64.5	-74.9	255.0	20.4	19.7	5.3	343.5	329.9	99.9	999.9	39.9	62.
50.2	121.0	13822.7	150.0	-67.3	-79.9	260.3	17.8	17.6	3.0	354.2	329.9	99.9	999.9	42.9	64.
54.1	128.7	14937.3	125.0	-63.7	-79.9	266.7	23.9	23.9	1.4	379.7	329.9	99.9	999.9	48.6	65.
58.9	137.0	16313.8	100.0	-59.7	-79.9	285.2	15.9	15.4	-4.2	412.4	329.9	99.9	999.9	53.4	69.
64.9	145.0	18104.0	75.0	-61.7	-79.9	281.1	9.5	9.3	-1.8	443.5	329.9	99.9	999.9	56.5	72.
73.2	154.0	20627.2	50.0	-59.9	-79.9	5.9	3.9	-0.4	-3.9	502.4	329.9	99.9	999.9	57.6	74.
86.0	163.0	25025.5	25.0	-51.7	-79.9	286.9	3.4	3.3	-1.0	636.0	329.9	99.9	999.9	57.1	76.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLA

6 MAY 1975
1115 GMT

150 21. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	392.0	957.0	21.1	19.4	180.0	5.2	0.0	5.2	309.0	339.6	15.0	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	9.8	456.0	950.0	21.4	20.2	320.8	3.0	1.9	-2.3	301.1	343.1	15.9	92.6	0.6	6.
0.8	11.6	687.9	925.0	20.3	19.3	255.5	3.8	3.8	0.7	302.2	343.4	15.5	94.1	0.8	14.
1.6	13.7	924.9	900.0	18.8	17.2	208.6	12.9	6.2	11.3	302.7	340.0	13.9	90.8	1.2	20.
2.5	15.9	1166.9	875.0	16.8	15.6	207.1	13.3	6.1	11.9	303.0	337.5	12.8	92.3	2.0	23.
3.4	18.1	1414.1	850.0	16.4	8.6	213.6	15.1	8.4	12.6	304.4	327.4	8.3	60.1	2.7	25.
4.2	20.3	1669.3	825.0	17.5	3.9	214.4	14.8	8.4	12.2	308.6	325.7	6.2	40.6	3.5	27.
5.0	22.5	1932.0	800.0	16.9	0.0	213.9	14.5	8.1	12.0	309.8	323.9	4.8	31.8	4.1	28.
5.9	24.9	2201.3	775.0	14.4	0.5	216.1	13.4	7.9	11.9	309.9	324.9	5.1	38.8	4.9	29.
6.9	27.2	2476.8	750.0	11.3	-0.2	221.4	13.1	8.6	9.8	309.5	324.2	5.1	45.1	5.6	31.
7.9	29.7	2758.7	725.0	8.6	-3.0	221.7	13.8	9.2	10.3	309.4	321.8	4.2	43.8	6.4	32.
8.9	32.3	3047.9	700.0	6.5	-7.9	221.2	12.9	8.5	9.7	310.0	319.2	3.0	35.3	7.2	33.
9.8	34.7	3344.9	675.0	4.0	-10.5	222.3	10.6	7.1	7.8	310.4	318.2	2.6	33.9	7.9	34.
10.8	37.1	3650.4	650.0	1.8	-11.6	226.3	10.7	7.8	7.4	311.2	318.7	2.4	35.3	8.5	34.
12.0	39.9	3964.7	625.0	-1.8	-13.6	229.6	13.5	10.3	8.8	310.7	317.2	2.1	40.0	9.2	35.
13.0	42.4	4288.2	600.0	-4.4	-14.7	233.7	16.3	13.2	9.7	311.3	317.6	2.0	44.0	10.1	37.
14.0	45.4	4621.6	575.0	-7.3	-17.8	235.7	18.6	15.4	10.5	311.6	316.7	1.6	43.0	11.2	39.
15.1	48.4	4967.6	550.0	-7.1	-25.3	231.0	17.8	13.8	11.2	315.8	318.7	0.9	21.6	12.5	41.
16.3	51.1	5329.8	525.0	-8.3	-26.3	224.7	17.0	12.0	12.1	318.5	321.4	0.8	21.7	13.6	41.
17.5	54.4	5706.3	500.0	-11.4	-28.9	222.5	16.1	10.9	11.9	319.2	321.6	0.7	21.8	14.9	41.
18.8	57.4	6097.5	475.0	-14.5	-31.5	213.8	16.3	9.1	13.6	320.1	322.0	0.6	22.0	16.0	41.
20.0	60.9	6504.0	450.0	-18.5	-33.6	213.5	18.8	10.4	15.7	320.0	321.7	0.5	24.8	17.3	40.
21.4	64.3	6927.2	425.0	-22.4	-37.0	215.3	20.6	11.9	16.8	320.2	321.5	0.4	25.0	19.0	40.
23.1	67.7	7369.3	400.0	-26.7	-39.7	222.1	24.3	16.3	18.0	321.5	322.6	0.3	25.5	21.2	40.
25.0	71.3	7834.4	375.0	-28.7	-42.3	227.2	26.0	19.1	17.6	323.5	324.4	0.2	25.6	24.2	40.
26.8	75.3	8325.0	350.0	-32.1	-45.1	228.2	25.6	19.1	17.1	325.4	326.2	0.2	25.7	26.9	41.
28.6	79.5	8844.2	325.0	-36.0	-48.6	222.7	21.2	14.4	15.6	326.9	327.5	0.1	25.9	29.3	42.
30.5	83.6	9394.4	300.0	-40.9	-51.9	221.4	21.5	14.2	16.1	327.7	999.9	99.9	999.9	31.9	42.
32.8	88.0	9979.8	275.0	-45.9	-55.9	225.8	23.7	17.0	16.5	328.8	999.9	99.9	999.9	34.7	42.
35.3	92.8	10607.8	250.0	-51.0	-59.9	226.2	29.1	21.0	20.2	330.3	999.9	99.9	999.9	38.3	42.
38.1	98.0	11296.0	225.0	-55.3	-63.9	233.3	26.0	20.9	15.6	333.7	999.9	99.9	999.9	42.8	43.
40.5	103.3	12031.4	200.0	-59.5	-67.9	241.5	26.4	23.2	12.6	338.5	999.9	99.9	999.9	47.1	44.
44.0	109.5	12859.8	175.0	-62.6	-71.9	237.5	30.8	26.0	16.5	346.7	999.9	99.9	999.9	52.9	46.
47.5	115.8	13815.7	150.0	-61.0	-75.9	245.9	26.9	24.5	11.0	365.0	999.9	99.9	999.9	58.1	47.
51.8	123.0	14945.2	125.0	-61.7	-79.9	264.7	22.9	22.8	2.1	383.2	999.9	99.9	999.9	65.1	50.
57.1	131.0	16337.7	100.0	-57.2	-83.9	289.5	7.1	6.7	-2.4	417.3	999.9	99.9	999.9	69.9	53.
63.7	139.3	18120.8	75.0	-62.5	-87.9	284.0	7.9	7.6	-1.9	441.5	999.9	99.9	999.9	72.9	55.
71.8	147.7	20638.0	50.0	-58.7	-91.9	269.1	1.4	1.4	0.0	505.3	999.9	99.9	999.9	72.2	56.
84.6	156.5	25061.6	25.0	-50.6	-95.9	45.4	8.5	-6.0	-5.9	639.4	999.9	99.9	999.9	69.7	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX

6 MAY 1975
1115 GMT

144 16. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	14.2	1095.0	881.2	3.7	-6.3	260.0	3.6	3.5	0.6	287.4	294.9	2.7	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	14.7	1153.2	875.0	8.0	-7.5	999.9	99.9	99.9	99.9	292.5	299.5	2.5	34.1	999.9	99.9
1.0	16.6	1394.4	850.0	10.7	-8.5	999.9	99.9	99.9	99.9	297.6	304.5	2.4	25.1	999.9	99.9
1.9	18.9	1641.9	825.0	8.5	-10.3	999.9	99.9	99.9	99.9	297.9	304.1	2.1	25.1	999.9	99.9
2.6	21.0	1895.3	800.0	6.6	-11.9	288.0	18.3	17.4	-5.6	298.5	304.1	1.9	25.2	1.9	108.
3.5	23.3	2155.0	775.0	4.7	-13.4	279.3	23.7	23.3	-3.8	299.1	304.3	1.8	25.5	3.0	107.
4.3	25.6	2421.8	750.0	4.2	-11.0	267.5	25.7	25.6	1.1	301.4	307.9	2.2	32.1	4.2	103.
5.2	27.9	2697.3	725.0	3.6	-10.0	252.9	26.6	25.4	7.8	303.7	311.0	2.5	36.2	5.5	98.
6.2	30.4	2981.3	700.0	1.7	-12.1	243.1	28.6	25.5	12.9	304.7	311.2	2.2	35.0	6.9	91.
7.3	33.0	3273.7	675.0	0.7	-13.9	237.9	29.7	25.2	15.8	306.6	312.5	1.9	32.6	8.7	84.
8.4	35.5	3575.6	650.0	-1.6	-16.4	230.2	31.6	24.3	20.3	307.3	312.4	1.6	31.4	10.5	79.
9.4	38.1	3886.6	625.0	-3.0	-20.6	223.5	31.4	21.6	22.8	309.2	312.9	1.2	24.2	12.2	74.
10.5	40.7	4209.9	600.0	-3.5	-18.9	216.1	33.0	19.4	26.7	312.3	316.8	1.4	29.0	13.9	69.
11.6	43.6	4544.9	575.0	-5.9	-20.7	211.7	35.4	18.6	30.1	313.2	317.2	1.3	30.0	15.8	64.
12.7	46.4	4891.0	550.0	-9.2	-22.1	211.9	34.9	18.4	29.6	313.3	317.1	1.2	34.1	17.8	60.
13.8	49.5	5248.8	525.0	-12.2	-27.5	217.6	37.0	22.6	29.4	313.8	316.3	0.8	26.6	20.2	57.
15.0	52.4	5619.7	500.0	-15.0	-30.9	219.0	32.7	20.6	25.4	314.8	316.7	0.6	24.1	22.6	55.
16.2	55.4	6007.2	475.0	-16.0	-33.0	221.4	33.2	21.9	24.9	318.2	319.9	0.5	21.5	24.7	54.
17.6	58.7	6413.3	450.0	-17.9	-34.5	224.0	32.0	22.3	23.0	320.8	322.4	0.4	21.6	27.4	53.
19.0	62.1	6838.6	425.0	-20.4	-36.2	223.5	29.8	20.5	21.6	322.8	324.2	0.4	22.6	30.0	52.
20.5	65.6	7284.4	400.0	-24.1	-39.3	225.0	32.0	22.6	22.6	323.7	324.8	0.3	22.8	32.7	51.
22.1	69.2	7751.4	375.0	-28.0	-42.6	227.5	33.9	25.0	22.9	324.4	325.3	0.2	23.0	35.7	51.
23.7	72.9	8242.6	350.0	-31.9	-45.9	229.6	29.9	22.8	19.4	325.7	326.3	0.2	23.2	39.1	51.
25.3	77.0	8760.9	325.0	-36.8	-50.1	228.0	27.5	20.4	18.4	325.9	326.3	0.1	23.4	41.8	50.
27.1	81.0	9310.0	300.0	-41.1	99.9	227.7	26.6	19.6	17.9	327.5	999.9	99.9	99.9	44.7	50.
29.0	85.5	9894.8	275.0	-46.5	99.9	228.2	27.4	20.5	18.3	327.9	999.9	99.9	99.9	47.8	50.
31.1	90.2	10519.8	250.0	-51.4	99.9	225.9	32.6	23.4	22.7	329.7	999.9	99.9	99.9	51.2	50.
33.3	95.3	11198.6	225.0	-55.4	99.9	223.4	30.7*	21.1	22.3	333.6	999.9	99.9	99.9	55.8	49.
35.8	100.6	11943.0	200.0	-58.5	99.9	230.9	37.0*	28.7	23.3	340.1	999.9	99.9	99.9	60.9	49.
38.7	106.9	12777.4	175.0	-59.9	99.9	237.5	28.3*	23.9	15.2	351.1	999.9	99.9	99.9	66.2	50.
41.6	113.3	13745.5	150.0	-58.0	99.9	236.2	33.3*	27.6	18.6	370.2	999.9	99.9	99.9	71.5	50.
45.1	120.3	14886.9	125.0	-59.4	99.9	258.4	23.8*	23.3	4.8	387.4	999.9	99.9	99.9	77.6	51.
49.3	128.3	16288.1	100.0	-57.6	99.9	251.4	22.5	21.4	7.2	416.4	999.9	99.9	99.9	81.9	53.
54.7	137.0	18082.7	75.0	-62.7	99.9	266.3	3.5	3.5	0.2	441.5	999.9	99.9	99.9	85.2	54.
62.3	145.3	20593.7	50.0	-59.3	99.9	226.5	5.0	3.6	3.5	503.8	999.9	99.9	99.9	83.7	54.
74.0	154.0	25016.3	25.0	-50.4	99.9	349.8	4.1	0.7	-4.0	639.7	999.9	99.9	99.9	83.4	55.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N. MEX

6 MAY 1975
1115 GMT

148 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	SECT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SLC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.2	1619.0	831.4	-0.6	-6.8	240.0	3.6	3.1	1.8	287.7	295.7	2.8	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	22.8	1681.1	825.0	1.1	-7.0	254.0	7.7	7.4	2.1	290.1	297.7	2.7	54.8	0.2	48.
1.1	25.3	1928.6	800.0	0.0	-8.5	261.0	8.7	8.5	1.4	291.5	298.6	2.5	52.6	0.5	71.
2.0	27.9	2181.7	775.0	-2.3	-10.9	277.4	9.4	9.3	-1.2	291.6	297.7	2.1	51.5	1.0	80.
2.8	30.6	2441.1	750.0	-4.5	-13.6	291.7	7.7	7.2	-2.9	291.9	297.1	1.8	49.0	1.4	87.
3.8	33.3	2707.1	725.0	-6.6	-16.1	294.3	10.0	9.2	-4.1	292.4	296.8	1.5	46.9	1.9	95.
4.8	35.9	2980.2	700.0	-8.5	-19.0	291.8	12.7	11.8	-4.7	293.2	296.8	1.2	42.4	2.5	99.
5.6	38.8	3261.8	675.0	-9.8	-24.2	291.7	16.4	15.2	-6.1	294.7	297.1	0.8	29.7	3.2	102.
6.5	41.5	3551.7	650.0	-12.3	-26.4	293.4	15.7	14.4	-6.2	295.1	297.2	0.7	29.7	4.1	104.
7.5	44.4	3850.2	625.0	-14.7	-28.4	291.3	15.8	14.7	-5.7	295.7	297.5	0.6	29.7	5.0	106.
8.5	47.5	4158.0	600.0	-16.6	-31.3	284.0	17.9	17.4	-4.3	296.9	298.4	0.5	26.6	6.0	106.
9.4	50.5	4478.0	575.0	-16.2	-33.5	272.2	21.6	21.6	-0.8	301.1	302.3	0.4	20.7	7.1	105.
10.4	53.6	4811.6	550.0	-17.9	-35.4	261.5	24.7	24.4	3.7	302.8	303.9	0.3	19.9	8.4	102.
11.4	56.6	5158.1	525.0	-19.6	-36.7	252.4	29.2	27.8	8.8	304.9	305.9	0.3	20.0	9.9	98.
12.8	60.0	5518.8	500.0	-20.8	-37.7	246.3	37.1	33.9	14.9	307.6	308.6	0.3	20.1	12.3	92.
14.6	63.6	5899.9	475.0	-20.0	-37.1	243.0	43.3	38.6	19.6	313.2	314.4	0.3	20.0	16.5	85.
16.3	67.0	6299.7	450.0	-21.2	-38.1	240.2	44.2	38.4	22.0	316.5	317.6	0.3	20.1	20.5	80.
17.9	70.5	6720.7	425.0	-22.5	-39.1	243.7	48.0	43.1	21.3	320.1	321.2	0.3	20.2	24.9	77.
19.6	74.3	7164.4	400.0	-24.5	-40.7	241.1	46.4*	40.7	22.4	323.2	324.1	0.3	20.4	29.7	74.
21.2	78.2	7630.5	375.0	-28.6	-44.1	239.8	48.5*	41.9	24.4	323.7	324.4	0.2	20.7	33.9	73.
23.0	82.2	8120.4	350.0	-32.7	-47.5	239.3	48.1*	41.3	24.5	324.6	325.1	0.1	21.1	39.0	71.
25.2	86.2	8638.6	325.0	-36.1	-50.3	241.9	48.1*	42.4	22.7	326.9	327.3	0.1	21.3	45.0	69.
26.9	90.9	9189.9	300.0	-40.1	99.9	242.5	49.7*	44.1	23.0	328.9	999.9	99.9	999.9	50.3	69.
29.3	95.5	9778.2	275.0	-44.6	99.9	240.9	54.0*	47.2	26.3	330.6	999.9	99.9	999.9	56.8	68.
31.5	100.3	10410.6	250.0	-49.1	99.9	240.3	43.8*	38.0	21.7	333.1	999.9	99.9	999.9	63.5	67.
33.6	105.4	11094.7	225.0	-53.8	99.9	227.0	27.0*	19.8	18.4	336.0	999.9	99.9	999.9	68.3	66.
36.9	111.0	11854.9	200.0	-51.4	99.9	241.7	27.5*	24.2	13.0	351.5	999.9	99.9	999.9	73.4	65.
40.2	117.0	12711.0	175.0	-56.4	99.9	224.8	30.6*	21.6	21.7	350.8	999.9	99.9	999.9	79.3	64.
43.7	123.7	13690.8	150.0	-57.7	99.9	236.0	28.7*	23.8	16.0	370.7	999.9	99.9	999.9	84.9	64.
48.0	130.8	14835.9	125.0	-58.2	99.9	254.8	30.4*	29.4	8.0	389.6	999.9	99.9	999.9	92.6	63.
53.5	138.3	16246.4	100.0	-55.5	99.9	246.5	16.4*	15.0	6.5	420.6	999.9	99.9	999.9	101.1	64.
59.2	146.0	18060.7	75.0	-61.0	99.9	189.9	3.8*	0.6	3.7	445.0	999.9	99.9	999.9	102.9	63.
68.0	154.7	20590.0	50.0	-58.1	99.9	200.6	3.1*	1.1	2.9	506.7	999.9	99.9	999.9	104.2	63.
80.7	163.7	25000.9	25.0	-53.8	99.9	272.4	2.4	2.4	-0.1	630.5	999.9	99.9	999.9	104.7	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL.

6 MAY 1975
1115 GMT

164 25. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T CG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	175.0	987.9	15.0	13.2	170.0	2.6	-0.5	2.6	290.4	315.6	9.7	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	59.9	999.9	99.9	999.9	999.9	999.9
0.4	6.6	287.6	975.0	18.2	14.9	250.9	18.5	17.5	6.1	294.9	323.9	11.1	81.3	0.2	352.
1.1	8.5	511.8	950.0	20.1	17.6	247.0	14.0	12.9	5.5	299.4	335.2	13.5	85.7	0.7	52.
1.9	11.0	741.9	925.0	18.4	15.0	251.2	8.8	8.3	2.8	295.7	331.9	11.7	80.4	1.2	58.
2.7	13.4	977.0	900.0	17.3	11.9	256.6	7.0	6.8	1.6	300.7	327.2	9.8	70.6	1.5	62.
3.5	15.6	1217.8	875.0	16.5	8.4	256.1	3.8	3.7	0.9	302.0	323.8	7.9	58.6	1.8	64.
4.3	17.9	1463.8	850.0	14.1	6.9	266.7	2.4	2.4	0.0	301.9	322.2	7.4	61.5	1.9	65.
5.1	20.3	1715.3	825.0	11.9	6.3	257.9	1.5	1.5	0.3	302.2	322.3	7.3	68.1	2.0	67.
6.0	22.7	1972.3	800.0	9.7	5.8	237.6	3.0	2.5	1.6	302.4	322.5	7.3	76.6	2.1	66.
6.9	25.2	2235.3	775.0	7.3	5.1	251.9	3.9	3.7	1.2	302.6	322.5	7.2	86.0	2.3	66.
7.7	27.6	2504.8	750.0	5.2	4.1	271.9	5.4	5.4	-0.2	303.1	322.2	6.9	92.5	2.5	67.
8.6	30.2	2791.3	725.0	3.2	2.5	276.9	7.1	7.1	-0.9	303.8	321.5	6.3	94.9	2.8	71.
9.6	32.9	3065.1	700.0	0.6	-0.5	270.9	8.6	8.6	-0.1	303.8	318.8	5.3	92.7	3.2	74.
10.5	35.5	3357.0	675.0	-1.0	-2.7	268.1	9.3	9.3	0.3	305.2	319.5	4.6	87.7	3.7	76.
11.5	38.3	3657.3	650.0	-2.7	-13.8	277.9	10.3	10.2	-1.4	306.1	312.4	2.1	42.9	4.3	77.
12.6	41.0	3968.1	625.0	-3.2	-23.5	290.2	12.6	11.8	-4.4	308.9	311.8	0.9	19.0	5.0	82.
13.7	43.4	4289.8	600.0	-5.6	-23.3	294.7	13.7	12.5	-5.7	309.7	312.8	1.0	23.2	5.8	86.
14.8	46.9	4621.9	575.0	-8.1	-28.8	295.2	13.2	11.9	-5.6	310.6	312.6	0.6	17.0	6.6	90.
16.0	50.0	4955.6	550.0	-10.0	-29.0	290.1	11.8	11.1	-4.1	312.2	314.3	0.6	19.4	7.4	93.
17.1	53.0	5322.8	525.0	-12.6	-30.6	292.5	11.4	10.5	-4.3	313.3	315.2	0.6	20.5	8.1	94.
18.2	56.0	5693.9	500.0	-14.1	-32.8	299.4	13.9	12.1	-6.8	315.8	317.5	0.5	18.7	8.9	96.
19.5	59.3	6081.8	475.0	-16.5	-36.4	301.5	15.7	13.4	-8.2	317.5	318.7	0.4	16.0	9.9	99.
20.9	62.8	6486.0	450.0	-19.3	-33.9	305.8	15.2	12.3	-8.9	319.0	320.6	0.5	26.0	11.2	102.
22.3	66.1	6909.1	425.0	-22.0	-38.6	300.8	16.6	14.2	-8.5	320.7	321.8	0.3	20.5	12.4	104.
23.8	69.9	7351.8	400.0	-25.6	-41.5	296.1	17.8	16.0	-7.8	321.6	322.5	0.2	20.9	14.0	106.
25.4	73.5	7816.2	375.0	-29.4	-44.6	295.1	17.7	16.0	-7.5	322.6	323.3	0.2	21.1	15.6	107.
27.2	77.5	8305.3	350.0	-32.8	-46.4	293.9	18.0	16.5	-7.3	324.4	325.0	0.2	24.2	17.5	108.
29.0	81.5	8822.2	325.0	-37.1	-50.0	286.1	21.3	20.4	-5.9	325.4	325.9	0.1	24.4	19.6	108.
31.0	85.7	9370.0	300.0	-41.9	99.9	284.5	20.5	19.9	-5.1	326.4	999.9	99.9	999.9	22.1	107.
33.1	90.4	9952.5	275.0	-46.9	99.9	287.1	21.2	20.3	-6.2	327.3	999.9	99.9	999.9	24.7	107.
35.2	95.3	10577.4	250.0	-51.9	99.9	282.8	25.3	24.7	-5.6	328.9	999.9	99.9	999.9	27.6	107.
37.5	100.3	11252.3	225.0	-57.0	99.9	285.2	26.5	25.6	-6.9	331.2	999.9	99.9	999.9	31.1	107.
40.2	106.0	11992.3	200.0	-59.8	99.9	290.1	29.1	27.3	-10.0	338.1	999.9	99.9	999.9	35.8	107.
43.1	112.0	12819.3	175.0	-63.7	99.9	283.6	28.3	27.5	-6.7	344.9	999.9	99.9	999.9	41.6	107.
46.4	118.7	13755.9	150.0	-66.0	99.9	284.8	35.4	34.3	-9.1	356.4	999.9	99.9	999.9	46.9	106.
50.2	126.3	14878.9	125.0	-62.4	99.9	291.7	18.8	17.5	-7.0	382.0	999.9	99.9	999.9	52.8	107.
55.0	135.3	16270.2	100.0	-59.5	99.9	300.8	15.1	13.0	-7.7	412.8	999.9	99.9	999.9	58.1	107.
61.1	144.5	18077.0	75.0	-59.9	99.9	303.1	13.4	11.3	-7.3	447.4	999.9	99.9	999.9	63.2	107.
69.0	155.5	20623.7	50.0	-57.1	99.9	357.5	4.0	0.2	-4.0	509.0	999.9	99.9	999.9	65.0	109.
80.6	168.0	25052.7	25.0	-50.4	99.9	999.9	99.9	99.9	99.9	639.7	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DULGE CITY, KAN

6 MAY 1975
1115 GMT

144 45. 0

TIME MIN	CNTCT	HEIGHT FTN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	14.3	791.0	911.6	10.6	3.9	260.0	5.2	5.1	0.9	292.1	307.0	5.6	63.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	15.4	898.8	900.0	13.9	-0.1	288.4	11.5	11.9	-3.6	296.4	309.0	4.6	42.3	0.4	102.
1.0	17.7	1136.4	875.0	14.2	-8.3	284.7	11.8	11.4	-3.0	298.9	315.7	2.3	20.1	0.8	105.
1.8	20.1	1380.3	850.0	13.3	-9.0	269.6	11.9	11.9	0.1	300.4	307.1	2.3	20.2	1.4	102.
2.6	22.5	1637.9	825.0	12.4	-7.4	244.1	7.2	6.5	3.2	302.0	309.8	2.7	24.4	1.8	97.
3.4	25.0	1887.9	800.0	10.9	-5.0	213.6	9.4	5.2	7.9	313.1	312.3	3.2	31.0	2.0	89.
4.3	27.3	2152.6	775.0	10.4	-6.8	223.1	15.6	10.7	11.4	305.3	314.1	3.0	29.2	2.5	77.
5.0	30.0	2424.4	750.0	8.5	-8.6	227.0	18.3	13.4	12.5	306.1	314.0	2.7	28.7	3.2	70.
5.9	32.7	2703.1	725.0	5.6	-10.5	226.6	19.8	14.4	13.6	305.9	313.0	2.4	30.2	4.1	64.
6.7	35.4	2988.8	700.0	3.2	-9.9	217.6	21.6	13.1	17.1	306.3	314.1	2.6	37.7	5.2	60.
7.6	38.1	3282.9	675.0	2.0	-9.8	207.1	23.5	10.7	21.0	308.2	316.3	2.7	41.2	6.2	55.
8.6	40.8	3586.3	650.0	-0.5	-12.1	200.0	26.9	12.6	23.7	308.7	315.8	2.3	40.9	7.5	49.
9.5	43.8	3898.4	625.0	-3.2	-14.5	210.6	28.7	14.6	24.7	309.0	315.1	2.0	41.2	9.0	46.
10.6	46.8	4215.8	600.0	-5.8	-18.0	211.1	32.6	16.8	27.9	319.5	314.4	1.5	37.5	10.9	43.
11.6	49.9	4552.4	575.0	-7.1	-24.6	210.6	36.7	18.7	31.5	311.8	314.7	0.9	23.2	13.0	41.
12.8	52.9	4898.2	550.0	-8.8	-23.7	209.9	38.9	19.4	33.8	313.7	317.1	1.0	28.7	15.5	39.
13.9	55.9	5256.2	525.0	-12.4	-22.9	208.5	40.2	19.2	35.3	313.7	317.4	1.1	40.8	18.3	38.
15.1	59.3	5626.9	500.0	-15.2	-30.7	210.0	39.3	19.6	34.0	314.6	316.5	0.6	25.1	21.1	37.
16.3	62.6	6013.2	475.0	-16.7	-33.9	213.9	36.4	20.3	30.2	317.3	318.8	0.5	20.8	23.6	36.
17.8	66.0	6419.5	450.0	-16.5	-35.5	219.0	39.0	24.5	30.3	322.4	323.9	0.4	17.4	27.4	36.
19.2	69.7	6846.5	425.0	-19.9	-38.2	221.7	37.1	24.6	27.7	323.4	324.6	0.3	17.7	30.3	37.
20.7	73.3	7293.3	400.0	-23.1	-40.1	225.8	36.8	26.4	25.7	324.9	325.9	0.3	19.3	33.4	37.
22.2	77.1	7762.3	375.0	-26.5	-42.8	223.7	38.9	26.9	28.1	326.4	327.3	0.2	19.6	37.5	38.
24.0	81.2	8256.9	350.0	-30.8	-46.3	222.5	33.7*	22.8	24.8	327.1	327.8	0.2	20.0	40.7	38.
25.6	85.3	8778.9	325.0	-34.7	-49.5	222.3	39.1*	26.3	28.9	328.8	329.3	0.1	20.3	44.6	39.
27.6	89.7	9333.1	300.0	-39.0	-53.1	217.6	31.9*	19.5	25.3	330.3	331.6	0.1	20.7	48.7	39.
29.6	94.4	9923.8	275.0	-44.0	99.9	209.7	35.6*	17.6	30.9	331.5	999.9	99.9	999.9	52.2	39.
31.8	99.2	10556.1	250.0	-49.3	99.9	205.9	31.5*	13.8	28.4	332.8	999.9	99.9	999.9	56.5	38.
34.1	104.4	11238.6	225.0	-55.0	99.9	204.9	28.5*	12.0	25.8	334.3	999.9	99.9	999.9	60.8	37.
36.6	110.2	11981.7	200.0	-60.6	99.9	212.3	24.9*	13.3	21.1	336.9	999.9	99.9	999.9	65.2	36.
39.4	116.0	12806.6	175.0	-62.8	99.9	224.1	22.4*	15.6	16.1	346.3	999.9	99.9	999.9	68.8	36.
43.1	123.0	13763.9	150.0	-59.2	99.9	249.5	21.9*	20.5	7.7	368.1	999.9	99.9	999.9	74.5	38.
47.0	130.3	14909.4	125.0	-59.4	99.9	223.5	22.2*	15.3	16.1	387.4	999.9	99.9	999.9	78.9	39.
51.7	138.0	16320.3	100.0	-54.4	99.9	229.1	19.0*	14.4	12.4	422.7	999.9	99.9	999.9	83.4	40.
57.4	146.0	18125.3	75.0	-59.2	99.9	4.8	7.0	-0.6	-6.9	448.8	999.9	99.9	999.9	86.0	41.
65.7	155.3	20656.2	50.0	-59.9	99.9	999.9	99.9	99.9	99.9	502.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN

6 MAY 1975
1115 GMT

162 13. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	268.0	971.0	19.4	17.7	120.0	3.7	-3.2	1.8	296.8	331.6	13.3	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.5	8.8	457.1	950.0	19.3	17.8	181.4	14.7	0.4	14.6	298.6	334.7	13.7	90.9	0.3	349.
1.4	10.7	687.3	925.0	18.9	17.7	195.9	15.5	4.2	14.9	300.5	337.5	14.0	93.1	1.7	2.
2.2	12.9	922.9	900.0	17.1	16.1	204.6	16.3	6.8	14.9	300.8	335.3	12.9	94.0	1.7	11.
2.9	15.1	1163.6	875.0	15.7	14.5	201.1	15.4	5.5	14.3	301.7	333.8	11.9	92.0	2.5	15.
3.8	17.2	1410.7	850.0	15.5	14.0	199.3	14.2	4.7	13.4	304.0	336.4	11.9	90.5	3.2	16.
4.7	19.5	1664.2	825.0	14.7	11.6	203.5	11.1	4.4	10.2	305.5	334.3	10.5	82.1	3.9	17.
5.5	21.6	1925.7	800.0	16.5	-4.2	212.8	8.5	4.6	7.1	309.2	319.9	3.6	24.7	4.3	18.
6.5	24.1	2194.6	775.0	14.4	-8.6	231.5	8.5	6.7	5.3	309.6	317.4	2.6	19.5	4.7	21.
7.3	26.3	2470.1	750.0	12.2	-10.0	234.6	10.1	8.2	5.9	310.1	317.4	2.4	20.2	5.2	24.
8.3	28.8	2752.6	725.0	9.4	-10.7	236.9	9.9	8.3	5.4	310.1	317.2	2.3	22.9	5.7	27.
9.3	31.4	3042.0	700.0	6.6	-11.4	235.1	9.5	7.8	5.5	310.1	317.1	2.3	26.1	6.2	30.
10.2	34.0	3338.6	675.0	3.7	-12.1	233.0	8.8	7.0	5.3	310.1	316.9	2.2	30.2	6.7	31.
11.3	36.5	3643.5	650.0	0.8	-12.8	232.4	6.4	5.1	3.9	310.1	316.9	2.2	35.3	7.1	33.
12.3	39.2	3957.0	625.0	-1.9	-14.6	223.2	6.1	4.2	4.4	310.5	316.6	2.0	37.3	7.4	34.
13.4	41.9	4279.6	600.0	-5.4	-15.5	213.4	7.7	4.2	6.4	310.1	316.0	1.9	44.8	7.9	34.
14.5	44.7	4611.9	575.0	-8.3	-17.3	211.1	9.6	5.0	8.2	310.5	315.8	1.7	48.1	8.4	34.
15.6	47.7	4955.4	550.0	-10.7	-28.6	208.0	11.3	5.3	10.0	311.4	313.6	0.6	21.2	9.1	34.
16.8	50.6	5312.6	525.0	-11.8	-36.4	199.0	13.1	4.3	12.3	314.3	315.4	0.3	10.8	10.0	32.
18.2	53.6	5694.8	500.0	-13.8	-38.6	207.8	17.1	8.0	15.1	316.3	317.2	0.3	10.2	11.3	31.
19.5	56.6	6072.8	475.0	-16.2	-40.8	211.2	18.4	9.5	15.7	317.9	318.7	0.2	9.9	12.7	31.
20.9	60.0	6477.1	450.0	-19.4	-43.0	219.7	20.2	12.9	15.6	318.8	319.4	0.2	10.3	14.3	31.
22.1	63.3	6900.1	425.0	-21.7	-45.1	225.8	18.3	13.1	12.8	321.1	321.7	0.2	9.9	15.8	33.
23.7	66.7	7343.7	400.0	-25.1	-47.5	225.9	20.1	14.4	14.0	322.3	322.8	0.1	10.3	17.4	34.
25.2	70.4	7809.0	375.0	-29.0	-50.3	225.0	22.5	15.9	15.9	323.2	323.5	0.1	10.6	19.3	35.
26.9	74.2	8298.5	350.0	-33.0	-53.0	230.8	21.8	16.9	13.8	324.2	324.5	0.1	11.4	21.6	36.
28.6	78.2	8815.4	325.0	-37.3	-53.7	242.0	22.0	19.4	10.3	325.2	325.5	0.1	16.1	23.6	38.
30.5	82.3	9364.2	300.0	-41.1	99.9	249.5	25.3	23.7	8.8	327.4	999.9	99.9	999.9	26.2	41.
32.3	86.5	9951.0	275.0	-45.3	99.9	256.3	26.3	25.6	6.2	329.6	999.9	99.9	999.9	28.4	44.
34.4	91.3	10579.5	250.0	-50.4	99.9	253.8	23.5	22.6	6.6	331.2	999.9	99.9	999.9	31.2	47.
36.6	96.2	11258.9	225.0	-55.1	99.9	254.1	25.1	24.2	6.9	334.1	999.9	99.9	999.9	33.9	49.
38.9	101.5	12002.5	200.0	-60.1	99.9	255.9	22.2	21.5	5.4	337.6	999.9	99.9	999.9	37.7	52.
41.7	107.6	12829.6	175.0	-62.9	99.9	247.6	22.8	21.1	8.7	346.1	999.9	99.9	999.9	41.2	53.
44.6	114.0	13771.4	150.0	-66.3	99.9	269.5	14.8	14.8	0.1	355.9	999.9	99.9	999.9	44.3	55.
48.2	121.5	14885.7	125.0	-62.9	99.9	250.8	21.6	20.4	7.1	381.1	999.9	99.9	999.9	47.2	57.
52.7	130.0	16291.4	100.0	-57.9	99.9	326.9	13.3	7.3	-11.1	415.9	999.9	99.9	999.9	50.9	60.
58.4	139.3	18102.6	75.0	-59.8	99.9	295.6	6.6	6.0	-2.9	447.5	999.9	99.9	999.9	52.4	64.
65.9	149.5	20644.3	50.0	-58.2	99.9	19.8	2.4	-0.8	-2.2	506.3	999.9	99.9	999.9	53.7	67.
76.9	161.0	25066.3	25.0	-52.4	99.9	262.7	3.5	3.4	0.4	633.9	999.9	99.9	999.9	52.8	69.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
 GRAND JUNCTION, COLO

6 MAY 1975
 1115 GMT

138 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	19.6	1474.0	844.0	1.1	-1.1	110.0	1.0	-0.9	0.3	288.4	299.7	4.2	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	21.2	1657.4	825.0	1.0	-1.7	999.9	99.9	99.9	99.9	290.2	301.3	4.1	82.4	99.9	99.9
1.3	23.6	1904.6	800.0	-0.6	-4.3	999.9	99.9	99.9	99.9	291.0	300.6	3.5	76.2	99.9	99.9
2.0	25.8	2157.5	775.0	-2.8	-6.3	999.9	99.9	99.9	99.9	291.2	299.8	3.1	76.6	99.9	99.9
2.7	28.3	2416.6	750.0	-4.7	-9.1	268.2	11.6	11.6	0.4	291.7	298.9	2.6	71.3	0.9	87.
3.4	30.9	2682.5	725.0	-6.6	-11.0	279.6	10.3	10.1	-1.7	292.5	298.9	2.3	71.2	1.3	89.
4.0	33.4	2955.5	700.0	-9.2	-11.3	286.6	8.8	8.4	-2.5	292.5	299.0	2.3	84.7	1.7	92.
4.7	35.9	3235.7	675.0	-11.5	-13.8	281.6	8.9	8.7	-1.8	293.0	298.6	2.0	83.1	2.1	95.
5.5	38.5	3523.9	650.0	-13.9	-16.4	275.1	10.6	10.5	-0.9	293.5	298.2	1.6	80.6	2.5	95.
6.2	41.1	3821.2	625.0	-14.9	-23.8	274.4	10.4	10.4	-0.8	295.4	298.1	0.9	46.5	3.0	95.
7.1	43.9	4129.0	600.0	-17.1	-25.5	278.0	8.5	8.5	-1.2	296.4	298.8	0.8	47.8	3.5	95.
7.9	46.8	4446.4	575.0	-20.1	-26.1	283.9	7.0	6.8	-1.7	296.5	298.9	0.8	58.7	3.9	95.
8.8	46.8	4774.2	550.0	-23.2	-25.5	296.8	5.5	4.9	-2.5	296.7	299.3	0.9	80.8	4.2	96.
9.7	52.6	5113.5	525.0	-25.7	-26.6	306.2	4.4	3.6	-2.6	297.6	300.2	0.8	92.0	4.5	98.
10.7	55.6	5465.3	500.0	-28.5	-28.6	295.1	4.6	4.1	-1.9	298.4	300.6	0.7	98.7	4.7	100.
11.7	58.6	5830.9	475.0	-31.4	-32.6	272.7	4.7	4.7	-0.2	299.1	300.8	0.5	88.8	5.0	100.
12.7	62.0	6210.7	450.0	-35.0	-36.6	258.0	5.5	5.4	1.1	299.2	300.4	0.4	85.1	5.2	99.
13.8	65.3	6606.8	425.0	-38.5	-39.7	263.1	5.8	5.7	0.7	299.6	300.6	0.3	88.6	5.6	98.
15.0	68.9	7019.5	400.0	-42.7	99.9	278.9	2.9	2.9	-0.5	299.5	999.9	99.9	999.9	6.0	97.
16.4	72.3	7452.3	375.0	-45.7	99.9	58.1	2.8	-2.3	-1.5	301.2	999.9	99.9	999.9	6.0	98.
17.8	76.2	7911.3	350.0	-44.5	99.9	238.2	4.9	4.2	2.6	308.8	999.9	99.9	999.9	5.9	99.
19.6	80.1	8410.8	325.0	-42.8	99.9	236.9	13.5	11.3	7.4	317.2	999.9	99.9	999.9	6.8	92.
21.6	84.2	8953.5	300.0	-41.7	99.9	237.6	21.1	17.8	11.3	326.6	999.9	99.9	999.9	8.5	84.
23.8	88.5	9546.2	275.0	-40.3	99.9	244.5	24.5	22.1	10.6	336.9	999.9	99.9	999.9	11.5	77.
26.5	93.2	10196.7	250.0	-40.7	99.9	247.2	27.0	24.9	10.4	345.6	999.9	99.9	999.9	15.5	75.
29.1	98.0	10911.0	225.0	-43.2	99.9	245.7	25.7	23.4	10.6	352.3	999.9	99.9	999.9	19.7	73.
32.1	103.3	11700.4	200.0	-45.0	99.9	242.6	20.7	18.4	9.5	361.6	999.9	99.9	999.9	23.8	72.
35.5	109.3	12585.9	175.0	-49.4	99.9	225.4	18.7	13.3	13.2	368.4	999.9	99.9	999.9	27.3	69.
39.3	115.3	13587.9	150.0	-52.2	99.9	242.7	15.5	13.8	7.1	380.2	999.9	99.9	999.9	31.2	67.
43.6	122.3	14765.8	125.0	-53.0	99.9	233.1	14.0	11.2	8.4	399.1	999.9	99.9	999.9	34.6	65.
49.0	130.3	16200.9	100.0	-52.8	99.9	193.4	9.9	2.3	9.6	425.8	999.9	99.9	999.9	37.6	63.
55.8	138.7	18038.4	75.0	-56.0	99.9	218.1	7.4	4.6	5.8	455.6	999.9	99.9	999.9	40.9	59.
64.7	147.0	20582.9	50.0	-58.6	99.9	218.6	7.4	4.6	5.8	505.4	999.9	99.9	999.9	42.1	58.
77.4	156.0	24998.4	25.0	-53.0	99.9	28.4	2.8	-1.3	-2.4	632.2	999.9	99.9	999.9	41.9	60.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975
1122 GMT

166 13. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
00.0	6.3	180.0	991.8	13.0	12.2	90.0	2.1	-2.1	0.0	288.0	311.3	9.1	95.0	0.0	0.
00.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.6	7.7	324.9	975.0	15.2	14.3	184.4	5.2	3.4	5.2	291.8	319.3	10.6	94.7	7.2	307.
1.3	9.9	546.0	950.0	17.5	8.6	204.6	8.1	3.4	7.4	296.0	315.9	7.4	56.0	3.3	348.
2.3	11.9	774.1	925.0	17.3	8.6	212.1	8.4	4.5	7.1	258.0	318.7	7.6	56.5	0.8	14.
3.2	14.2	1007.7	900.0	15.5	13.5	210.4	6.6	3.4	5.7	299.0	328.1	10.9	87.9	1.2	21.
4.1	16.3	1247.0	875.0	14.8	6.7	196.5	7.1	2.0	6.8	300.1	319.5	7.1	58.2	1.6	20.
5.0	18.5	1492.2	850.0	13.8	6.3	208.5	6.5	3.1	5.8	301.5	321.0	7.1	60.6	2.0	21.
6.0	20.8	1743.4	825.0	12.2	5.2	240.9	6.0	5.2	2.9	302.4	321.2	6.8	62.3	2.3	24.
6.9	23.2	2001.1	800.0	11.1	3.2	262.4	7.4	7.3	1.0	303.8	320.7	6.0	58.2	2.6	30.
7.8	25.5	2255.5	775.0	9.4	-0.1	266.2	7.3	7.3	0.5	304.5	318.7	5.0	52.0	2.8	37.
8.8	27.9	2536.6	750.0	7.6	-2.7	272.8	7.7	7.6	0.4	305.4	318.2	4.4	50.6	3.1	43.
9.9	30.6	2815.3	725.0	5.8	-4.8	289.3	6.8	6.4	-2.3	306.4	317.2	3.7	46.4	3.4	50.
10.9	33.2	3101.8	700.0	3.7	-7.2	305.4	6.4	5.2	-3.7	307.0	316.5	3.2	44.6	3.6	56.
12.1	35.7	3395.3	675.0	1.4	-11.4	306.3	7.0	5.6	-4.1	307.5	314.7	2.4	37.6	3.7	63.
13.2	38.4	3699.0	650.0	-1.0	-14.9	303.3	8.2	6.8	-4.5	308.0	313.7	1.9	34.2	4.0	69.
14.3	41.0	4010.1	625.0	-4.1	-13.8	301.9	10.3	8.7	-5.4	308.0	314.5	2.1	46.7	4.4	75.
15.6	43.9	4331.8	600.0	-6.5	-15.8	300.8	13.2	11.4	-6.8	308.7	314.4	1.9	47.5	5.1	82.
16.8	47.0	4662.3	575.0	-9.0	-21.7	303.3	16.3	13.6	-9.0	309.5	313.5	1.2	37.1	5.9	89.
18.0	50.1	5004.9	550.0	-12.1	-19.1	310.2	16.3	12.4	-10.5	309.9	314.7	1.5	55.7	6.9	96.
19.3	53.0	5358.5	525.0	-15.3	-23.6	302.5	16.7	14.1	-9.0	310.1	313.6	1.1	49.0	8.1	100.
20.9	56.1	5730.0	500.0	-13.3	-32.6	300.7	16.7	14.4	-8.5	316.8	318.5	0.5	17.8	9.4	103.
22.2	59.4	6118.3	475.0	-16.3	-33.7	305.3	17.4	14.2	-10.1	317.8	319.4	0.5	20.6	10.8	106.
23.5	62.9	6522.5	450.0	-19.5	-36.1	306.4	19.0	15.3	-11.3	318.7	320.0	0.4	21.3	12.2	108.
24.9	66.3	6944.0	425.0	-23.0	-38.4	310.4	17.4	13.3	-11.3	319.4	320.6	0.3	22.8	13.5	110.
26.3	69.5	7386.0	400.0	-26.5	-41.3	305.5	19.1	15.6	-11.1	320.5	321.5	0.3	23.0	15.3	113.
28.2	73.8	7861.1	375.0	-29.9	-44.2	304.4	20.7	17.1	-11.7	321.9	322.7	0.2	23.2	17.3	114.
30.0	78.0	8349.7	350.0	-33.2	-47.0	302.4	22.5	19.0	-12.1	323.9	324.5	0.2	23.4	19.5	115.
31.9	82.2	8866.4	325.0	-37.0	-50.2	305.4	27.6	22.5	-16.0	325.6	326.0	0.1	23.6	22.3	116.
33.9	86.4	9415.9	300.0	-40.6	99.9	297.2	31.7	28.2	-14.5	328.2	999.9	99.9	999.9	25.7	117.
35.8	91.4	10003.0	275.0	-45.5	99.9	285.3	39.6	38.2	-10.5	329.4	999.9	99.9	999.9	29.7	116.
37.8	96.3	10631.1	250.0	-50.9	99.9	282.0	42.1	41.2	-8.8	330.5	999.9	99.9	999.9	34.6	114.
40.2	101.8	11309.4	225.0	-55.5	99.9	284.3	43.7	42.4	-10.8	333.5	999.9	99.9	999.9	41.0	112.
42.5	107.8	12048.8	200.0	-61.9	99.9	294.4	41.9	38.2	-17.3	334.8	999.9	99.9	999.9	46.6	112.
45.4	114.3	12867.7	175.0	-66.3	99.9	303.1	33.6	28.1	-18.4	340.6	999.9	99.9	999.9	53.6	113.
48.5	121.3	13805.0	150.0	-64.9	99.9	293.6	53.8	49.3	-21.5	358.2	999.9	99.9	999.9	58.4	113.
52.4	129.3	14917.1	125.0	-64.2	99.9	294.8	28.1	25.5	-11.8	378.2	999.9	99.9	999.9	67.0	114.
56.8	137.7	16284.5	100.0	-64.4	99.9	285.1	23.6	22.7	-6.2	403.4	999.9	99.9	999.9	73.8	114.
62.6	146.5	18051.8	75.0	-64.7	99.9	262.6	9.9	9.8	1.3	437.3	999.9	99.9	999.9	79.1	113.
70.0	156.3	20541.8	50.0	-59.1	99.9	34.1	5.4	-3.0	-4.4	504.3	999.9	99.9	999.9	81.8	113.
81.3	166.5	24950.3	25.0	-53.0	99.9	89.5	5.1	-5.1	-0.0	632.4	999.9	99.9	999.9	81.5	114.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL. OKLA

6 MAY 1975
1110 GMT

150 24. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	362.0	960.0	21.3	19.8	170.0	8.0	-1.4	7.9	300.0	340.4	15.3	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	10.1	453.1	950.0	20.5	19.9	183.6	8.6	0.5	8.5	300.1	341.3	15.6	96.6	0.2	344.
1.1	12.1	684.2	925.0	19.4	18.8	187.9	9.2	1.3	9.1	301.1	340.8	15.0	96.4	0.5	356.
2.0	14.4	920.4	900.0	18.2	17.1	202.1	11.0	4.1	10.2	302.1	339.0	13.8	93.6	1.1	5.
2.9	16.4	1162.9	875.0	18.8	15.4	221.9	15.8	10.6	11.6	305.0	339.5	12.7	80.9	1.6	15.
3.7	18.7	1412.8	850.0	19.3	11.5	231.1	19.3	15.0	12.1	307.8	336.0	10.1	60.6	2.5	27.
4.7	20.7	1669.4	825.0	17.6	9.4	223.0	19.0	13.0	13.9	308.5	333.8	9.0	58.4	3.5	34.
5.6	23.3	1931.7	800.0	15.1	7.3	219.0	16.7	10.5	13.9	308.4	331.1	8.1	59.4	4.6	35.
6.7	25.6	2200.4	775.0	13.7	4.3	211.1	17.9	9.2	15.3	309.4	328.7	6.7	52.9	5.7	35.
7.7	28.0	2475.7	750.0	12.0	-2.2	217.7	19.0	11.6	15.0	310.2	323.0	4.4	37.1	6.8	35.
8.6	30.6	2758.4	725.0	9.3	-5.1	222.8	18.5	12.6	13.6	310.1	320.8	3.6	35.6	7.9	36.
9.7	33.2	3047.8	700.0	6.7	-6.9	221.9	18.0	12.0	13.4	310.3	320.1	3.3	37.2	9.0	37.
10.8	35.7	3345.2	675.0	4.2	-9.5	217.4	16.5	10.0	13.1	310.7	319.1	2.8	36.0	10.1	37.
11.8	38.4	3650.9	650.0	1.6	-11.3	212.2	14.9	8.0	12.6	311.1	318.7	2.5	37.6	11.1	37.
12.9	41.0	3965.5	625.0	-0.8	-13.8	212.4	13.3	7.1	11.3	311.8	318.4	2.1	36.5	12.0	36.
14.1	43.9	4289.7	600.0	-3.9	-14.2	216.5	13.2	7.8	10.6	311.8	318.4	2.1	44.5	12.9	36.
15.2	46.9	4624.0	575.0	-7.1	-15.2	215.9	17.0	10.9	13.0	311.9	318.3	2.0	52.2	13.9	36.
16.4	49.9	4969.7	550.0	-8.7	-24.1	230.8	19.1	14.8	12.0	313.9	317.1	1.0	27.5	15.3	37.
17.8	52.9	5330.9	525.0	-7.9	-33.8	234.3	19.4	15.7	11.3	318.9	320.4	0.4	10.3	16.7	39.
19.1	55.9	5707.5	500.0	-11.4	-34.6	234.0	21.4	17.3	12.6	319.1	320.5	0.4	12.5	18.3	40.
20.4	59.0	6098.5	475.0	-14.2	-36.7	230.6	21.8	16.8	13.8	320.4	321.6	0.3	12.8	20.0	41.
21.8	62.6	6505.8	450.0	-17.9	-39.4	226.6	21.4	15.5	14.7	320.7	321.7	0.3	13.1	21.8	42.
23.1	65.9	6931.1	425.0	-21.6	-39.8	228.0	23.8	17.7	15.9	321.3	322.3	0.3	17.2	23.5	42.
24.5	69.5	7373.7	400.0	-25.0	-42.3	225.0	24.0	16.9	16.9	322.5	323.3	0.2	17.9	25.5	42.
26.1	73.2	7839.3	375.0	-28.8	-45.8	221.2	23.4	15.4	17.6	323.4	324.0	0.2	17.5	27.7	42.
27.7	77.2	8328.8	350.0	-32.8	-48.2	224.1	23.9	16.6	17.1	324.5	325.0	0.1	19.4	29.9	42.
29.4	81.2	8845.9	325.0	-36.9	-51.2	228.7	25.4	19.0	16.7	325.8	326.1	0.1	20.8	32.4	43.
31.1	85.6	9395.3	300.0	-41.0	99.9	232.8	25.7	20.4	15.5	327.6	999.9	99.9	999.9	35.2	43.
33.0	90.2	9980.4	275.0	-46.0	99.9	234.3	27.1	22.0	15.8	328.6	999.9	99.9	999.9	37.8	44.
34.9	95.1	10678.9	250.0	-50.0	99.9	239.9	30.1	26.0	15.1	331.8	999.9	99.9	999.9	41.1	45.
37.0	100.2	11290.7	225.0	-54.4	99.9	243.1	28.4	25.3	12.9	335.2	999.9	99.9	999.9	44.8	46.
39.1	105.6	12037.2	200.0	-58.9	99.9	246.0	32.7	29.9	13.3	339.4	999.9	99.9	999.9	48.4	48.
41.3	111.5	12865.9	175.0	-62.6	99.9	244.0	30.5	27.4	13.4	340.7	999.9	99.9	999.9	52.5	49.
44.0	118.0	13817.8	150.0	-61.9	99.9	253.6	30.9	29.7	8.8	363.4	999.9	99.9	999.9	57.5	51.
46.7	125.3	14948.3	125.0	-60.6	99.9	266.3	19.7	19.6	1.3	385.3	999.9	99.9	999.9	62.4	53.
49.9	133.3	16337.4	100.0	-63.8	99.9	266.3	14.2	14.2	0.9	404.6	999.9	99.9	999.9	64.9	54.
54.5	141.0	18110.5	75.0	-62.1	99.9	313.9	4.0	2.9	-2.8	442.7	999.9	99.9	999.9	67.1	55.
59.8	149.0	20616.6	50.0	-57.7	99.9	53.0	1.8	-1.4	-1.1	507.6	999.9	99.9	999.9	66.0	56.
69.1	157.7	25056.0	25.0	-50.6	99.9	999.9	99.9	99.9	99.9	639.4	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

6 MAY 1975
1515 GMT

31 719. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	F POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.3	100.0	1001.0	17.8	17.5	100.0	4.2	-4.1	0.7	292.6	325.2	12.7	98.0	0.0	0.
0.1	5.4	108.6	1000.0	17.9	17.5	999.9	99.9	99.9	99.9	292.7	325.5	12.7	97.7	999.9	999.
0.9	7.3	326.8	975.0	18.8	17.8	999.9	99.9	99.9	99.9	295.9	330.5	13.3	93.9	999.9	999.
1.8	12.3	549.9	950.0	17.0	16.0	999.9	99.9	99.9	99.9	296.0	327.3	12.2	94.0	999.9	999.
2.7	12.5	777.8	925.0	16.1	15.2	999.9	99.9	99.9	99.9	297.3	328.6	11.9	94.4	999.9	999.
3.7	15.3	1011.4	900.0	15.5	14.2	225.4	2.4	1.8	1.6	299.0	329.5	11.4	92.0	7.3	129.
4.5	17.3	1257.7	875.0	14.5	13.0	197.1	2.7	0.8	2.6	300.3	329.3	10.8	90.6	3.3	116.
5.5	20.5	1494.6	850.0	11.2	9.6	171.3	4.6	-0.7	4.5	299.1	323.0	8.9	89.5	0.3	52.
6.6	23.1	1744.1	825.0	10.3	8.4	169.7	3.6	-0.6	3.6	300.6	323.5	8.4	87.8	0.5	22.
7.8	25.7	2000.5	800.0	9.4	7.8	201.1	7.7	2.8	7.1	302.3	325.1	8.3	89.5	0.8	21.
8.8	28.5	2263.9	775.0	8.2	6.6	192.0	9.4	2.0	9.2	303.7	325.7	8.0	89.8	1.4	18.
9.7	31.4	2534.7	750.0	6.5	5.0	999.9	99.9	99.9	99.9	304.5	325.1	7.3	90.0	999.9	999.
11.1	34.3	2811.8	725.0	3.5	2.1	999.9	99.9	99.9	99.9	304.1	321.5	6.2	90.2	999.9	999.
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

6 MAY 1975
1415 GMT

161 23. 0

TIME MIN	CNT CT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	5.0	1008.0	25.0	22.9	130.0	5.2	-4.0	3.3	299.9	346.3	17.7	88.0	0.0	7.
0.1	4.9	75.4	1000.0	25.0	24.1	999.9	99.9	99.9	99.9	300.8	351.5	19.3	94.9	999.9	999.
0.9	6.7	297.9	975.0	22.5	22.0	999.9	99.9	99.9	99.9	300.1	345.7	17.4	97.1	999.9	999.
1.6	8.5	524.7	950.0	21.3	20.8	999.9	99.9	99.9	99.9	301.0	344.6	16.5	96.9	999.9	999.
2.3	10.5	756.3	925.0	19.7	19.1	179.2	9.2	-0.1	9.2	301.5	342.1	15.3	96.7	1.2	336.
3.1	12.5	992.7	900.0	18.2	17.6	190.6	10.1	1.8	4.9	302.2	340.3	14.3	96.4	1.6	344.
3.9	14.6	1234.4	875.0	16.5	15.7	198.7	10.4	3.3	9.8	302.6	337.5	13.0	95.4	2.1	351.
4.7	16.5	1481.7	850.0	15.5	14.7	217.3	10.7	6.5	8.5	304.1	338.1	12.5	94.9	2.5	358.
5.6	18.8	1735.5	825.0	14.3	13.7	227.5	13.0	10.0	9.2	305.3	338.2	12.0	96.0	3.0	7.
6.5	20.9	1995.9	800.0	13.4	12.9	225.4	15.4	10.9	10.8	307.0	339.3	11.7	96.0	3.6	15.
7.2	23.1	2263.0	775.0	11.5	4.9	228.6	15.1	11.3	10.0	307.1	327.1	7.1	64.0	4.2	20.
8.1	25.4	2537.8	750.0	12.2	-5.1	234.7	13.3	10.8	7.7	310.4	321.3	3.7	30.8	4.9	24.
9.0	27.6	2820.9	725.0	10.9	-18.9	255.4	12.2	11.8	3.1	311.5	315.3	1.2	10.6	5.4	29.
9.9	30.1	3111.9	700.0	9.0	-22.1	275.2	14.1	14.1	-1.3	312.6	315.6	0.9	9.0	5.9	34.
10.9	32.6	3411.6	675.0	6.9	-25.9	283.6	17.1	16.7	-4.0	313.4	315.7	0.7	7.5	6.3	43.
12.0	35.2	3719.8	650.0	4.3	-30.4	281.0	18.5	18.1	-3.5	313.8	315.4	0.5	5.8	6.9	51.
13.1	37.7	4037.2	625.0	1.6	-31.9	271.9	19.9	19.8	-0.7	314.3	315.	0.4	6.1	7.3	58.
14.1	40.3	4364.8	600.0	0.2	-31.2	267.9	24.5	24.4	0.9	316.4	318.0	0.5	7.5	9.0	62.
15.3	42.9	4704.3	575.0	-2.2	-21.9	264.7	28.2	28.1	2.6	317.5	321.3	1.2	20.5	10.7	66.
16.3	45.8	5055.6	550.0	-4.3	-25.2	259.5	29.1	28.7	5.3	319.1	322.0	0.9	17.6	12.5	69.
17.4	48.0	5420.3	525.0	-7.0	-46.1	259.0	25.6	25.1	4.9	319.9	320.4	0.1	2.8	14.4	70.
18.6	51.6	5798.9	500.0	-9.4	-55.8	263.8	19.7	19.6	2.1	321.6	321.7	0.0	1.0	15.9	71.
19.9	54.9	6193.9	475.0	-11.2	-57.0	258.8	17.3	17.0	3.4	324.0	324.1	0.0	1.0	17.3	72.
21.3	57.9	6606.4	450.0	-14.2	-58.9	268.6	17.4	17.4	0.4	325.3	325.4	0.7	1.0	18.7	73.
22.8	61.3	7037.7	425.0	-17.1	-60.8	284.3	21.9	21.2	-5.4	327.0	327.1	0.0	1.0	20.3	75.
24.2	64.9	7489.4	400.0	-20.6	-56.5	282.7	24.2	23.6	-5.3	328.1	328.3	0.0	2.3	22.0	77.
25.8	68.3	7963.7	375.0	-24.3	-57.8	276.9	28.0	27.8	-3.4	329.4	329.6	0.0	2.7	24.4	80.
27.6	72.0	8461.9	350.0	-28.6	-57.2	274.3	28.9	28.8	-2.2	330.1	330.3	0.0	4.5	27.5	81.
29.5	76.2	8988.4	325.0	-32.8	-50.7	278.8	33.3	32.9	-5.1	331.4	331.8	0.1	14.7	30.6	83.
31.4	80.3	9546.5	300.0	-37.4	-51.6	273.0	35.3	35.2	-1.8	332.6	333.0	0.1	20.8	34.5	84.
33.5	84.8	10142.0	275.0	-41.9	99.9	267.4	36.7	36.6	1.6	334.6	999.9	99.9	999.9	39.0	85.
35.7	89.4	10779.2	250.0	-47.6	99.9	268.7	38.9	38.9	0.9	335.3	999.9	99.9	999.9	44.1	85.
38.3	94.8	11469.6	225.0	-51.5	99.9	271.6	41.4	41.4	-1.2	339.6	999.9	99.9	999.9	50.5	86.
40.9	100.2	12225.0	200.0	-57.1	99.9	273.4	38.8	38.7	-2.3	342.3	999.9	99.9	999.9	56.8	87.
43.9	106.3	13061.0	175.0	-61.7	99.9	274.2	31.8	31.7	-2.3	348.2	999.9	99.9	999.9	63.7	87.
47.3	113.0	14009.1	150.0	-63.6	99.9	270.2	37.1	37.1	-0.1	360.5	999.9	99.9	999.9	71.8	88.
51.2	120.7	15125.2	125.0	-65.5	99.9	273.6	54.2*	54.1	-3.4	376.3	999.9	99.9	999.9	80.2	89.
55.9	129.7	16457.6	100.0	-71.4	99.9	278.6	42.0*	41.5	-6.3	389.7	999.9	99.9	999.9	92.1	90.
61.0	139.5	18185.0	75.0	-70.9	99.9	61.5	5.9*	-5.2	-2.8	424.2	999.9	99.9	999.9	97.3	91.
68.4	150.5	20665.1	50.0	-62.2	99.9	102.1	7.5	-7.4	1.6	457.0	999.9	99.9	999.9	96.6	91.
80.8	163.0	25102.9	25.0	-48.2	99.9	999.9	99.9	99.9	99.9	646.1	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 246
SHPEVEPONT, LA

6 MAY 1975
1506 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	79.0	998.3	21.7	18.9	140.0	4.2	-2.7	3.2	296.9	333.2	13.9	84.0	3.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	7.0	285.1	675.0	21.5	19.8	162.9	8.7	-2.6	8.3	298.8	338.5	15.1	90.4	0.3	329.
1.6	9.3	510.9	950.0	20.6	19.8	177.9	13.4	-0.5	13.4	300.2	341.0	15.5	95.1	1.0	343.
2.7	11.4	742.3	925.0	20.0	19.1	188.7	14.4	2.2	14.2	301.8	342.4	15.3	95.0	1.8	353.
3.5	13.8	979.1	900.0	18.0	17.7	195.0	13.2	3.6	12.7	302.6	341.7	14.4	94.8	2.5	359.
4.5	16.0	1221.3	875.0	17.5	16.7	200.5	11.2	3.9	10.5	303.9	341.1	13.8	94.6	3.2	2.
5.4	18.4	1469.5	850.0	15.9	14.8	201.0	10.3	3.7	9.6	304.5	338.6	12.6	92.8	3.8	5.
6.5	20.8	1723.4	825.0	14.3	12.9	201.4	8.5	3.1	8.0	305.2	336.5	11.5	91.5	4.3	8.
7.5	23.2	1983.3	800.0	12.4	11.1	207.7	6.4	3.0	5.7	305.8	334.5	10.4	91.3	4.8	9.
8.7	25.7	2250.1	775.0	11.3	9.7	207.1	5.1	2.3	4.5	307.2	334.5	9.8	90.1	5.2	11.
9.7	28.2	2523.9	750.0	9.8	7.5	227.8	2.6	1.9	1.9	308.4	332.9	8.7	85.3	5.4	11.
10.9	30.9	2816.3	725.0	10.0	3.3	322.6	3.5	2.1	-2.8	311.3	330.7	6.7	62.9	5.3	13.
12.0	33.6	3097.6	700.0	8.3	-2.8	319.9	5.5	3.5	-4.2	312.3	325.7	4.5	46.1	5.2	16.
13.4	36.1	3396.7	675.0	6.1	-11.4	313.5	7.9	5.7	-5.4	312.7	320.2	2.4	27.6	4.9	21.
14.8	39.3	3704.0	650.0	3.4	-20.3	298.6	7.9	6.9	-3.8	313.0	316.7	1.2	15.5	4.8	30.
16.2	41.7	4021.7	625.0	1.0	-18.3	281.3	6.2	6.1	-1.2	313.7	310.3	1.4	22.0	4.9	36.
17.5	44.6	4347.6	600.0	-1.0	-23.5	263.0	9.0	8.9	1.1	315.1	318.2	1.0	16.2	5.2	41.
18.8	47.6	4685.4	575.0	-3.8	-27.6	273.0	10.0	10.0	-0.5	315.6	317.9	0.7	13.7	5.8	47.
20.4	50.6	5034.6	550.0	-6.1	-38.0	277.8	11.3	11.2	-1.5	316.8	317.8	0.3	6.7	6.4	54.
21.9	53.6	5397.7	525.0	-7.2	-40.7	253.5	13.1	12.6	3.7	319.8	320.5	0.2	4.8	7.5	58.
23.6	56.6	5776.0	500.0	-9.8	-42.0	244.2	15.1	13.6	6.6	321.1	321.8	0.2	5.1	8.8	63.
25.3	60.0	6155.4	475.0	-12.7	-43.6	241.4	17.2	15.1	8.2	322.2	322.8	0.2	5.5	10.5	60.
26.9	63.4	6579.5	450.0	-15.8	-45.3	245.6	16.0	14.6	6.6	323.3	323.8	0.1	5.8	12.0	60.
28.4	66.7	7007.8	425.0	-18.8	-47.0	246.6	16.3	15.0	6.5	324.9	325.4	0.1	6.2	13.4	61.
30.1	70.4	7457.1	400.0	-21.3	-48.5	257.7	19.1	18.7	4.1	327.3	327.7	0.1	6.5	15.3	62.
31.9	74.3	7929.8	375.0	-24.8	-50.7	265.5	24.5	24.4	1.9	328.8	329.1	0.1	6.9	17.4	65.
33.9	78.0	8427.7	350.0	-28.8	-53.3	269.9	26.3	26.3	0.0	329.8	330.1	0.1	7.4	20.4	68.
35.8	81.7	8953.5	325.0	-33.0	-54.9	268.8	30.3	30.3	0.6	331.1	331.4	0.1	9.0	23.2	71.
38.0	85.9	9510.7	300.0	-37.8	-53.3	267.7	35.9	35.9	1.5	332.0	332.3	0.1	17.9	27.8	74.
40.6	90.4	10104.1	275.0	-43.1	99.9	267.2	32.3	32.2	1.6	332.6	999.9	99.9	999.9	32.9	76.
43.0	95.2	10739.2	250.0	-47.9	99.9	263.1	35.5	35.2	4.2	334.9	999.9	99.9	999.9	37.8	77.
45.7	100.0	11427.5	225.0	-51.8	99.9	265.1	34.5	34.4	2.9	339.1	999.9	99.9	999.9	43.3	78.
48.9	105.5	12183.3	200.0	-56.8	99.9	271.5	34.0	34.6	-0.9	342.8	999.9	99.9	999.9	49.8	80.
51.9	111.3	13118.6	175.0	-61.6	99.9	262.4	28.3	28.1	3.8	348.3	999.9	99.9	999.9	56.1	81.
55.3	117.5	13969.9	150.0	-64.2	99.9	262.3	27.5	27.2	3.7	359.6	999.9	99.9	999.9	62.7	80.
59.5	125.0	15091.5	125.0	-63.2	99.9	274.8	33.8	33.7	-2.9	380.5	999.9	99.9	999.9	71.6	81.
64.4	133.0	16454.0	100.0	-65.5	99.9	276.0	30.5	30.3	-3.2	401.2	999.9	99.9	999.9	80.6	82.
70.4	141.3	18203.0	75.0	-65.8	99.9	353.8	3.7	0.4	-3.7	435.0	999.9	99.9	999.9	86.5	84.
78.7	151.0	20692.9	50.0	-57.8	99.9	258.0	14.3	14.0	3.0	507.3	999.9	99.9	999.9	85.9	84.
91.8	161.5	25151.2	25.0	-48.5	99.9	169.5	1.6	-0.3	1.5	645.5	999.9	99.9	999.9	84.2	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

6 MAY 1975

1500 GMT

166 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRFS NB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CC4P M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	7.0	1902.4	26.7	24.0	150.0	5.2	-2.6	4.5	302.2	352.6	19.1	85.0	0.0	0.
0.1	5.0	28.3	1000.0	25.9	25.4	324.8	3.4	2.0	-2.8	301.8	356.8	20.9	97.4	0.4	333.
0.8	7.0	252.0	975.0	24.2	23.9	223.1	1.2	0.8	0.9	302.1	353.7	19.6	98.3	0.3	334.
1.6	9.3	480.4	950.0	22.9	22.4	174.7	12.3	-1.1	12.2	302.8	351.4	18.3	97.3	0.7	343.
2.6	11.5	713.2	925.0	21.0	20.7	180.8	12.1	0.2	12.1	303.1	348.0	16.9	97.9	1.4	352.
3.5	13.8	956.9	900.0	19.3	18.3	180.9	12.4	0.2	12.4	303.4	343.3	14.9	94.2	2.1	355.
4.3	15.9	1194.1	875.0	23.9	-1.1	194.6	8.7	2.2	6.4	309.2	321.5	4.2	21.1	2.6	357.
5.1	18.4	1448.7	850.0	26.5	-3.5	202.1	6.7	2.5	6.2	314.4	324.9	3.5	13.6	2.9	350.
6.0	20.7	1710.8	825.0	24.9	-4.4	206.2	7.6	3.4	6.8	315.4	325.6	3.3	14.0	3.3	2.
7.0	23.1	1978.8	800.0	21.6	7.1	210.1	9.9	4.9	8.5	315.3	338.4	8.0	39.2	3.7	6.
7.9	25.5	2253.2	775.0	18.9	8.1	213.5	10.6	5.9	8.8	315.4	340.9	8.8	49.6	4.2	9.
8.9	28.0	2533.7	750.0	16.7	5.2	217.6	11.8	7.2	9.3	315.8	337.5	7.4	46.5	4.8	13.
9.8	30.6	2821.9	725.0	15.0	-1.8	217.9	12.7	7.8	10.0	316.5	330.5	4.6	31.5	5.5	16.
10.9	33.3	3117.7	700.0	12.7	-2.0	215.8	10.6	6.2	8.6	317.2	331.5	4.8	36.1	6.3	19.
12.0	35.9	3421.7	675.0	10.9	-10.4	217.7	7.4	4.5	5.9	318.2	326.3	2.6	21.3	6.8	20.
12.9	38.6	3734.7	650.0	8.4	-12.7	225.1	7.4	5.2	5.2	318.7	325.7	2.2	20.9	7.1	21.
14.0	41.3	4057.1	625.0	5.8	-14.8	227.9	9.5	7.0	6.4	319.3	325.5	1.9	21.0	7.6	23.
15.1	44.3	4385.1	600.0	2.9	-15.7	230.4	11.5	8.9	7.3	319.6	325.7	1.9	23.9	8.2	25.
16.1	47.3	4731.7	575.0	-0.1	-20.8	233.8	13.1	10.5	7.7	320.0	324.2	1.3	19.5	8.9	27.
17.3	50.3	5085.9	550.0	-2.8	-15.7	242.2	13.1	11.6	6.1	321.0	327.6	2.1	36.5	9.7	30.
18.4	53.4	5452.1	525.0	-6.2	-15.6	252.3	14.1	13.5	4.3	321.2	328.1	2.2	47.2	10.5	33.
19.8	56.5	5832.3	500.0	-8.5	-29.1	256.5	17.7	17.2	4.1	322.7	325.1	0.7	17.4	11.4	37.
21.0	59.9	6227.7	475.0	-11.4	-40.3	254.1	20.6	19.8	5.6	323.8	324.7	0.2	19.7	12.6	41.
22.4	63.3	6640.4	450.0	-14.1	-32.7	252.7	22.8	21.8	6.8	325.5	327.4	0.5	19.0	14.2	45.
23.9	66.7	7072.0	425.0	-16.5	-45.3	255.5	22.3	21.6	5.6	327.7	328.4	0.2	7.0	16.0	49.
25.3	70.4	7525.4	400.0	-19.6	-48.7	259.4	21.4	21.0	3.9	329.5	329.9	0.1	5.5	17.6	52.
26.9	74.2	8001.0	375.0	-22.6	-48.9	255.7	25.0	24.2	6.2	331.6	332.1	0.1	7.0	19.5	55.
28.6	78.3	8565.2	350.0	-25.4	-47.3	246.2	27.2	24.9	11.0	334.4	335.0	0.1	11.0	22.2	56.
30.4	82.2	9037.4	325.0	-30.2	-48.6	247.0	26.8	24.7	10.5	335.0	335.6	0.1	14.6	25.2	57.
32.3	86.6	9601.6	300.0	-34.7	-52.0	256.2	30.0	29.1	7.2	336.4	336.8	0.1	15.1	28.2	59.
34.3	91.4	10203.4	275.0	-39.8	99.9	246.7	30.6	28.1	12.1	337.5	999.9	99.9	999.9	31.8	61.
36.4	96.2	10848.3	250.0	-44.1	99.9	248.0	36.6	33.9	13.7	340.5	999.9	99.9	999.9	35.9	61.
38.8	101.4	11545.1	225.0	-50.7	99.9	254.1	38.0	36.6	10.4	340.9	999.9	99.9	999.9	41.4	62.
41.5	107.3	12303.0	200.0	-56.3	99.9	256.1	43.7	42.4	10.5	343.6	999.9	99.9	999.9	47.7	64.
44.5	113.5	13144.0	175.0	-59.2	99.9	262.6	38.3	38.0	5.0	352.3	999.9	99.9	999.9	54.7	66.
47.8	120.3	14101.5	150.0	-63.3	99.9	261.0	38.8	38.3	6.1	361.0	999.9	99.9	999.9	62.3	68.
51.8	128.3	15209.6	125.0	-68.3	99.9	252.3	31.1	29.7	9.5	371.3	999.9	99.9	999.9	70.0	69.
56.5	137.1	16539.5	100.0	-71.2	99.9	296.1	16.1	14.4	-7.1	390.2	999.9	99.9	999.9	75.8	71.
61.8	146.3	18211.3	75.0	-78.5	99.9	320.8	2.2	1.4	-1.7	408.3	999.9	99.9	999.9	78.6	73.
70.0	157.0	20674.3	50.0	-89.5	99.9	28.1	6.4	-3.0	-5.6	503.2	999.9	99.9	999.9	78.3	73.
82.0	168.3	25130.4	25.0	-49.3	99.9	999.9	99.9	99.9	99.9	642.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. : 25E
VICTORIA, TEX

6 MAY 1975
1415 GMT

153 31. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	33.0	1000.4	25.8	23.5	170.0	5.2	-0.9	5.1	301.4	350.2	18.5	87.0	0.0	0.
0.0	5.4	36.6	1000.0	25.8	23.5	169.6	5.1	-0.9	5.0	301.5	350.5	18.6	87.5	0.0	0.
1.0	7.6	260.3	975.0	23.9	23.7	168.7	6.2	-1.2	6.1	301.9	352.9	19.4	98.8	0.3	357.
1.8	10.0	488.0	950.0	22.3	22.2	170.0	9.0	-1.6	8.8	302.3	350.1	18.1	99.1	0.7	354.
2.7	12.2	720.8	925.0	20.9	20.8	169.4	8.8	-1.6	8.6	303.0	348.4	17.1	99.6	1.2	352.
3.6	14.7	558.7	900.0	24.4	7.9	165.6	9.8	-2.4	9.5	307.7	329.1	7.5	34.9	1.7	350.
4.5	17.0	1206.3	875.0	26.2	-3.4	159.2	9.4	-3.3	8.9	311.5	321.7	3.4	14.0	2.2	349.
5.4	19.6	1461.1	850.0	25.6	-6.7	158.3	8.7	-3.2	8.1	313.4	321.7	2.7	11.3	2.7	347.
6.3	22.0	1721.7	825.0	23.5	-8.1	166.4	4.4	-1.0	4.2	313.8	321.5	2.5	11.5	3.1	346.
7.3	24.7	1988.9	800.0	21.5	-6.3	220.4	3.8	2.5	2.9	314.5	323.6	3.0	14.9	3.2	348.
8.4	27.2	2262.2	775.0	19.1	-8.0	234.2	3.8	3.1	2.2	314.7	323.0	2.7	15.1	3.4	352.
9.4	29.9	2542.2	750.0	17.1	-9.5	248.5	3.9	3.7	1.4	315.4	323.1	2.5	15.3	3.4	355.
10.4	32.7	2829.3	725.0	14.1	-11.7	249.6	4.4	4.1	1.5	315.2	322.0	2.2	15.5	3.5	360.
11.6	35.5	3123.6	700.0	11.2	-12.5	228.5	5.5	4.1	3.6	315.2	321.7	2.1	17.5	3.7	4.
12.8	38.2	3425.5	675.0	8.6	-13.6	227.3	6.6	4.9	4.5	315.6	321.8	2.0	19.0	4.0	8.
13.9	40.9	3735.6	650.0	5.8	-14.9	228.0	7.7	5.7	5.1	315.7	321.6	1.9	20.9	4.4	12.
15.1	43.9	4054.5	625.0	2.5	-16.1	231.3	8.8	6.9	5.5	315.5	321.1	1.7	23.7	4.9	16.
16.3	47.0	4382.7	600.0	-0.4	-16.5	245.1	9.6	8.7	4.1	315.8	321.4	1.8	28.5	5.4	21.
17.6	50.1	4721.4	575.0	-3.1	-15.7	240.0	13.5	11.7	6.8	316.6	322.8	2.0	37.0	6.1	27.
18.9	53.1	5072.0	550.0	-5.7	-13.5	230.1	17.4	13.3	11.1	317.6	325.3	2.5	54.2	7.2	31.
20.2	56.1	5434.9	525.0	-8.7	-13.0	228.3	20.0	15.0	13.3	318.2	326.6	2.7	70.9	8.5	34.
21.6	59.6	5811.3	500.0	-10.9	-51.4	240.9	21.5	18.8	10.5	319.7	320.0	0.1	2.1	10.2	37.
23.0	63.1	6204.2	475.0	-12.4	-54.8	250.5	21.1	19.9	7.0	322.5	322.7	0.0	1.5	11.8	42.
24.5	66.4	6615.0	450.0	-15.0	-55.1	255.6	21.4	20.8	5.3	324.3	324.5	0.0	1.7	13.5	46.
26.1	70.1	7044.8	425.0	-17.8	-55.7	255.1	22.7	21.9	5.8	326.1	326.3	0.0	2.0	15.4	50.
27.9	73.8	7495.0	400.0	-20.9	-56.6	254.1	23.1	22.2	6.3	327.8	328.0	0.0	2.4	17.5	53.
29.6	77.8	7968.8	375.0	-24.8	-53.9	255.6	26.0	25.2	6.5	328.7	329.0	0.1	4.7	20.0	56.
31.4	81.7	8467.0	350.0	-28.6	-53.2	259.0	28.7	28.1	5.5	330.1	330.4	0.1	7.4	22.8	58.
33.2	85.9	8993.4	325.0	-32.1	-54.2	258.8	34.7	34.0	6.7	332.4	332.7	0.1	9.0	25.9	61.
35.3	90.4	9553.6	300.0	-36.8	-47.1	257.3	36.4	35.5	8.0	333.4	334.1	0.2	33.4	30.1	64.
37.4	95.0	10149.9	275.0	-41.2	99.9	256.4	39.3	38.2	9.2	335.5	999.9	99.9	999.9	34.7	66.
39.8	99.8	10790.1	250.0	-46.7	99.9	256.1	40.3	39.6	7.6	336.7	999.9	99.9	999.9	40.2	67.
42.6	105.0	11479.8	225.0	-52.9	99.9	259.3	43.6	42.9	8.1	337.5	999.9	99.9	999.9	47.1	69.
45.5	110.4	12230.8	200.0	-57.7	99.9	262.1	41.7	41.3	5.7	341.4	999.9	99.9	999.9	54.4	71.
48.6	116.0	13067.7	175.0	-60.4	99.9	259.1	47.6	46.7	9.0	350.3	999.9	99.9	999.9	63.0	72.
52.3	122.7	14025.3	150.0	-61.5	99.9	257.3	41.7	40.7	9.2	364.2	999.9	99.9	999.9	71.5	73.
56.3	129.3	15146.2	125.0	-65.1	99.9	266.5	37.2*	37.1	2.3	377.1	999.9	99.9	999.9	81.7	73.
61.3	136.5	16494.1	100.0	-69.8	99.9	301.0	16.6*	14.2	-8.5	393.0	999.9	99.9	999.9	88.9	76.
67.0	143.3	18180.4	75.0	-73.7	99.9	278.5	13.8	13.6	-2.0	418.4	999.9	99.9	999.9	93.6	77.
76.0	151.0	20668.6	50.0	-60.6	99.9	56.5	5.2	-4.3	-2.9	500.8	999.9	99.9	999.9	92.8	78.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX

6 MAY 1975
1415 GMT

161 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	9.6	399.0	959.0	23.0	17.7	200.0	3.6	1.2	3.4	301.5	337.4	13.4	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	10.4	481.4	950.0	21.9	17.6	221.9	8.0	5.3	5.9	301.2	337.2	13.5	76.7	0.2	23.
1.1	12.6	712.9	925.0	20.5	15.9	237.4	10.4	8.8	5.6	302.0	335.4	12.5	75.2	0.5	37.
2.0	14.9	950.2	900.0	20.6	15.4	251.4	16.6	15.7	5.3	304.4	338.0	12.4	72.3	1.1	52.
2.9	17.1	1194.3	875.0	20.8	12.2	260.9	18.8	18.6	3.0	306.8	335.4	10.3	57.9	2.2	65.
3.9	19.5	1445.1	850.0	19.8	10.5	255.2	19.4	18.8	5.0	308.2	334.6	9.4	54.8	3.3	70.
4.8	21.8	1701.7	825.0	17.7	8.9	246.7	19.0	17.4	7.5	308.5	333.1	8.7	56.2	4.3	70.
5.8	24.3	1964.4	800.0	16.1	5.9	237.9	18.1	15.3	9.6	309.3	330.1	7.3	50.9	5.4	69.
6.7	26.7	2233.8	775.0	14.4	3.0	230.4	15.5	11.9	9.9	310.1	327.9	6.2	46.4	6.3	67.
7.8	29.3	2509.9	750.0	12.0	3.9	225.2	16.8	11.9	11.8	310.5	330.0	6.8	57.6	7.3	64.
8.7	32.0	2792.7	725.0	9.3	2.4	223.7	16.8	11.6	12.2	310.5	328.7	6.3	61.9	8.2	62.
9.8	34.7	3083.0	700.0	6.7	1.4	220.0	16.0	10.3	12.2	310.8	328.3	6.1	68.8	9.3	59.
10.9	37.2	3380.5	675.0	4.0	-1.5	209.9	13.8	6.9	12.0	310.8	325.8	5.1	67.8	10.1	57.
11.9	40.1	3687.5	650.0	3.8	-10.1	200.5	13.7	4.8	12.8	313.6	322.0	2.7	35.4	10.9	55.
13.1	42.8	4005.0	625.0	1.6	-13.9	201.8	14.4	5.3	13.4	314.6	321.1	2.1	30.4	11.6	52.
14.3	45.9	4331.9	600.0	-1.5	-14.8	203.3	14.8	5.8	13.6	314.6	321.0	2.0	35.5	12.6	50.
15.6	48.8	4669.0	575.0	-4.8	-15.8	205.3	14.5	6.2	13.1	314.6	320.7	1.9	41.6	13.6	48.
17.1	51.6	5016.7	550.0	-7.6	-21.2	212.6	16.3	8.8	13.7	315.2	319.4	1.3	33.2	14.9	46.
18.7	54.9	5379.5	525.0	-7.0	-30.1	214.1	15.9	8.9	12.2	320.0	322.0	0.6	13.8	16.6	45.
20.1	58.0	5757.6	500.0	-10.2	-32.5	214.7	14.8	8.4	12.1	320.6	322.4	0.5	14.0	17.7	44.
21.5	61.4	6150.1	475.0	-13.8	-35.2	212.0	17.3	9.2	14.6	320.9	322.3	0.4	14.4	19.1	43.
22.9	65.0	6557.8	450.0	-17.7	-38.2	211.0	17.0	8.8	14.6	320.9	322.0	0.3	14.7	20.5	42.
24.3	68.3	6983.6	425.0	-20.3	-31.1	232.3	20.4	16.1	12.5	323.0	325.3	0.7	37.1	22.1	42.
25.7	71.9	7429.3	400.0	-23.1	-42.5	250.1	25.7	24.2	8.8	325.0	325.8	0.2	15.4	23.9	44.
27.3	75.8	7898.7	375.0	-26.8	-46.4	255.5	28.1	27.2	7.0	326.1	326.7	0.2	13.5	26.2	47.
28.8	79.8	8392.7	350.0	-30.5	-47.1	253.1	34.6	33.1	10.1	327.6	328.2	0.2	17.7	28.8	49.
30.5	83.8	8915.3	325.0	-34.6	-50.4	252.7	39.6	37.8	11.8	328.9	329.3	0.1	18.1	32.2	52.
32.5	88.2	9469.3	300.0	-39.3	99.9	250.6	42.0	39.6	13.9	329.9	999.9	99.9	999.9	36.8	55.
35.3	93.0	10060.4	275.0	-43.3	99.9	249.8	41.3	38.8	14.3	332.6	999.9	99.9	999.9	44.0	57.
38.2	97.8	10694.0	250.0	-48.6	99.9	244.1	43.2	38.9	18.9	333.8	999.9	99.9	999.9	50.6	59.
41.0	103.0	11379.4	225.0	-52.4	99.9	250.2	45.9	43.2	15.5	338.2	999.9	99.9	999.9	57.7	59.
43.8	108.7	12134.6	200.0	-56.7	99.9	253.1	50.3*	48.1	14.7	343.0	999.9	99.9	999.9	65.4	61.
46.8	114.7	12973.0	175.0	-59.9	99.9	252.0	33.9*	32.2	10.5	351.1	999.9	99.9	999.9	73.2	62.
50.3	121.3	13932.8	150.0	-62.3	99.9	254.1	39.1*	37.6	10.7	362.8	999.9	99.9	999.9	81.4	63.
54.4	128.7	15065.2	125.0	-61.0	99.9	267.8	41.1*	41.0	1.6	384.5	999.9	99.9	999.9	92.3	65.
59.2	136.7	16447.2	100.0	-62.7	99.9	267.0	23.7*	23.7	1.2	406.6	999.9	99.9	999.9	99.5	67.
64.8	145.0	18189.5	75.0	-67.1	99.9	247.6	14.8*	13.7	5.6	432.2	999.9	99.9	999.9	104.2	68.
72.7	154.0	20689.7	50.0	-59.8	99.9	105.1	6.7*	-6.4	1.7	502.5	999.9	99.9	999.9	103.7	68.
85.6	164.0	25131.0	25.0	-51.5	99.9	266.3	0.1	0.1	0.0	636.7	999.9	99.9	999.9	102.2	69.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

6 MAY 1975
1415 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	314.0	968.2	24.6	21.9	110.0	2.1	-2.0	0.7	302.9	349.1	17.4	85.0	0.0	0.
99.9	99.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	10.4	481.1	950.0	23.3	21.8	999.9	99.9	99.9	99.9	303.2	351.0	17.6	90.9	999.9	999.
1.8	12.5	714.5	925.0	22.6	20.4	224.3	7.0	4.9	5.0	304.6	349.2	16.6	87.8	0.4	13.
2.6	14.7	953.6	900.0	21.3	16.2	258.1	6.6	6.5	1.4	305.3	340.7	13.0	72.6	0.7	36.
3.5	16.8	1198.0	875.0	21.1	7.2	291.5	8.0	7.4	-2.9	306.7	327.5	7.4	40.8	0.9	57.
4.6	19.2	1448.1	850.0	19.5	1.8	296.4	12.0	10.8	-5.3	307.3	322.1	5.2	30.9	1.3	80.
5.6	21.3	1794.2	825.0	18.2	-3.5	300.1	12.4	10.7	-6.2	308.3	318.9	3.6	22.7	2.0	95.
6.7	23.8	1966.2	800.0	16.0	-5.2	300.1	10.9	9.4	-5.4	308.6	318.2	3.2	22.8	2.7	102.
7.7	26.1	2234.4	775.0	13.6	-5.9	290.7	9.7	9.1	-3.4	308.8	318.3	3.2	25.2	3.3	104.
8.9	28.5	2509.5	750.0	11.7	-7.5	276.4	6.8	6.7	-0.8	309.6	318.3	2.9	25.3	3.9	105.
9.9	31.1	2701.8	725.0	9.9	-9.0	234.9	6.4	5.3	3.7	310.7	318.8	2.7	25.3	4.3	103.
11.2	33.7	3082.5	700.0	8.2	-11.2	219.0	10.0	6.3	7.8	311.9	319.1	2.3	24.0	4.5	96.
12.2	36.1	3381.4	675.0	5.9	-10.8	209.6	12.1	6.0	10.5	312.6	320.2	2.5	28.9	5.0	89.
13.5	38.9	3699.0	650.0	3.5	-11.9	197.9	12.8	3.9	12.2	313.2	320.6	2.4	31.3	5.4	80.
14.7	41.4	4005.8	625.0	0.9	-12.9	208.9	15.5	7.5	13.6	313.8	320.9	2.3	34.8	6.0	71.
16.0	44.3	4332.3	600.0	-1.8	-13.9	214.4	19.1	10.8	15.8	314.3	321.1	2.2	38.8	7.1	64.
17.2	47.3	4669.7	575.0	-3.7	-21.1	218.0	18.3	11.3	14.4	315.8	319.8	1.2	24.4	8.4	60.
18.5	50.3	5019.6	550.0	-5.4	-28.0	220.1	17.6	11.4	13.5	317.7	320.1	0.7	14.9	9.7	57.
19.9	53.1	5383.1	525.0	-7.0	-30.7	218.2	19.2	11.9	15.1	320.0	321.9	0.6	13.0	11.2	55.
21.3	56.1	5761.6	500.0	-10.1	-33.0	225.3	18.8	13.4	13.2	320.8	322.4	0.5	13.3	12.7	53.
23.0	59.4	6154.7	475.0	-12.8	-35.0	239.7	20.2	17.4	10.2	322.1	323.5	0.4	13.5	14.7	53.
24.6	62.9	6564.7	450.0	-15.6	-37.0	245.5	23.8	21.6	9.9	323.6	324.9	0.3	13.8	16.8	54.
26.2	66.1	6994.0	425.0	-18.2	-39.0	246.1	25.2	23.0	10.2	325.6	326.7	0.3	14.1	19.1	56.
27.8	69.9	7444.1	400.0	-21.4	-41.4	245.8	28.2	25.7	11.5	327.2	328.1	0.2	14.4	21.7	57.
29.4	73.3	7916.5	375.0	-25.2	-43.9	245.1	30.9	28.0	13.0	328.2	328.9	0.2	15.6	24.4	58.
31.1	77.3	8414.0	350.0	-28.9	-41.7	246.8	34.7	31.9	13.7	329.7	330.7	0.3	27.8	27.8	59.
33.0	81.3	8939.2	325.0	-33.7	-40.8	246.9	37.5	34.5	14.7	330.1	331.3	0.3	48.8	31.9	60.
35.0	85.6	9455.7	300.0	-38.2	-42.6	243.8	42.1	37.8	18.5	331.5	332.5	0.3	62.8	36.5	61.
37.0	90.0	10027.8	275.0	-43.5	99.9	242.0	42.3	37.3	19.9	332.2	999.9	99.9	999.9	41.7	51.
39.4	94.8	10721.6	250.0	-48.8	99.9	240.9	46.1	40.3	22.4	333.6	999.9	99.9	999.9	47.9	61.
41.9	99.8	11406.7	225.0	-52.7	99.9	249.1	48.1	45.0	17.2	337.8	999.9	99.9	999.9	54.1	62.
44.7	105.0	12159.2	200.0	-57.2	99.9	252.0	46.6	44.4	14.4	342.2	999.9	99.9	999.9	62.1	63.
48.0	110.8	12999.7	175.0	-58.2	99.9	249.4	39.8*	37.3	14.0	353.9	999.9	99.9	999.9	70.8	64.
51.2	117.3	13969.6	150.0	-59.1	99.9	251.8	40.0*	38.0	12.5	368.2	999.9	99.9	999.9	78.5	65.
55.5	124.7	15104.7	125.0	-62.2	99.9	269.2	21.5*	21.5	6.3	382.4	999.9	99.9	999.9	88.8	65.
60.0	132.3	16462.4	100.0	-67.2	99.9	265.7	29.7*	29.7	2.2	397.9	999.9	99.9	999.9	97.0	67.
65.3	140.7	18161.3	75.0	-75.2	99.9	228.5	16.6*	12.5	11.0	415.3	999.9	99.9	999.9	101.8	68.
72.7	146.3	20643.8	50.0	-60.6	99.9	232.1	5.1	4.0	3.1	500.9	999.9	99.9	999.9	101.8	68.
84.4	158.7	25056.0	25.0	-50.0	99.9	341.5	3.0	1.0	-2.9	641.3	999.9	99.9	999.9	101.6	69.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

6 MAY 1975
1445 GMT

154 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SLC	PCT T DG K	E PCT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	873.0	910.9	16.6	-9.3	350.0	8.8	1.5	-8.7	297.9	303.9	2.1	16.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.0	975.0	900.0	15.0	-3.7	347.0	10.9	2.5	-10.7	297.4	306.5	3.2	27.2	0.4	173.
1.2	15.2	1212.4	875.0	12.7	-5.0	338.6	9.6	3.5	-9.0	297.4	306.0	3.0	28.5	0.8	169.
2.0	17.4	1455.2	850.0	12.8	-5.2	309.4	9.3	7.2	-5.9	300.0	308.8	3.1	28.1	1.3	161.
3.0	19.7	1706.4	825.0	13.4	-3.9	275.4	9.4	9.3	-0.9	303.2	313.3	3.5	29.6	1.7	146.
4.0	21.9	1964.2	800.0	11.4	-5.3	268.5	10.0	10.0	0.3	303.7	313.1	3.2	30.5	2.0	133.
4.9	24.4	2228.5	775.0	9.5	-6.4	251.8	9.2	8.8	2.9	304.4	313.4	3.1	31.9	2.4	123.
5.9	26.7	2499.6	750.0	7.8	-7.8	248.2	13.6	12.7	5.1	305.4	313.8	2.8	32.1	2.8	112.
7.0	29.2	2778.3	725.0	6.5	-8.1	245.0	16.6	15.1	7.0	306.9	315.5	2.9	34.5	3.6	101.
7.9	31.8	3065.2	700.0	4.3	-9.3	233.8	16.5	13.3	9.8	307.6	315.7	2.7	36.4	4.4	92.
9.0	34.6	3360.0	675.0	1.9	-10.4	228.1	17.1	12.7	11.4	308.1	315.9	2.6	39.5	5.2	84.
9.9	37.1	3663.1	650.0	-0.5	-11.3	223.6	17.4	12.0	12.6	308.7	316.2	2.5	43.7	6.0	79.
11.0	39.9	3976.6	625.0	-0.6	-17.7	222.7	20.2	13.7	14.9	312.0	316.8	1.5	25.9	6.9	73.
12.1	42.6	4301.4	600.0	-2.9	-19.7	221.4	22.9	15.2	17.2	312.9	317.1	1.3	25.9	8.3	67.
13.4	45.6	4637.2	575.0	-5.1	-22.3	217.8	21.5	13.2	17.0	314.1	317.7	1.1	24.3	9.9	63.
14.7	48.7	4984.7	550.0	-7.9	-24.7	217.7	19.6	12.0	15.5	314.8	317.9	0.9	24.4	11.3	59.
15.9	51.6	5344.7	525.0	-10.2	-27.5	227.0	20.4	14.9	13.9	316.2	318.7	0.8	22.6	12.7	57.
17.2	54.9	5718.4	500.0	-13.0	-29.9	231.8	21.0	16.5	13.0	317.2	319.3	0.6	22.7	14.3	57.
18.6	58.1	6107.5	475.0	-15.6	-32.1	231.5	22.0	17.2	13.7	318.7	320.5	0.5	22.6	16.0	56.
20.0	61.6	6513.7	450.0	-17.9	-34.0	225.9	25.5	18.3	17.7	320.8	322.4	0.5	22.7	18.1	55.
21.5	65.3	6938.3	425.0	-21.6	-37.1	223.6	27.3	18.9	19.8	321.3	322.6	0.4	22.8	20.5	54.
23.0	68.9	7382.0	400.0	-24.8	-39.9	231.3	28.7	22.4	17.9	322.7	323.6	0.3	23.0	22.8	53.
24.1	72.7	7848.4	375.0	-27.9	-42.4	242.0	30.0	26.5	14.1	324.7	325.5	0.2	23.2	24.8	53.
25.7	76.8	8340.2	350.0	-31.2	-45.2	242.1	43.4	38.3	20.3	326.7	327.4	0.2	23.3	28.3	55.
27.7	81.0	8861.4	325.0	-35.0	-48.5	236.3	45.7	38.1	25.3	328.4	329.0	0.1	23.5	33.8	55.
29.3	85.5	9415.1	300.0	-39.5	99.9	238.1	43.9	37.3	23.2	329.6	999.9	99.9	999.9	38.1	55.
31.2	90.3	10004.2	275.0	-44.3	99.9	241.0	45.0	39.3	21.8	331.1	999.9	99.9	999.9	43.2	56.
33.3	95.4	10637.6	250.0	-47.9	99.9	240.7	46.5	40.5	22.8	334.8	999.9	99.9	999.9	49.8	57.
35.6	100.8	11326.8	225.0	-52.1	99.9	244.1	44.7	40.2	19.6	338.7	999.9	99.9	999.9	55.2	57.
37.9	106.9	12081.3	200.0	-56.0	99.9	245.5	45.5*	41.4	18.9	344.1	999.9	99.9	999.9	61.1	58.
40.7	113.3	12929.8	175.0	-57.1	99.9	246.5	39.1*	35.9	15.6	355.7	999.9	99.9	999.9	68.5	59.
43.9	120.3	13899.4	150.0	-58.3	99.9	249.9	39.4*	37.0	13.5	369.7	999.9	99.9	999.9	75.6	60.
47.5	128.3	15044.8	125.0	-60.4	99.9	259.8	38.8*	38.2	6.9	385.7	999.9	99.9	999.9	84.7	61.
51.9	136.5	16423.1	100.0	-63.8	99.9	252.3	29.0*	27.6	8.8	404.4	999.9	99.9	999.9	92.6	62.
57.5	144.7	18176.1	75.0	-67.3	99.9	88.3	3.6*	-3.6	-0.1	431.8	999.9	99.9	999.9	97.3	63.
65.5	153.0	20679.2	50.0	-57.8	99.9	122.8	2.1	-1.7	1.1	507.2	999.9	99.9	999.9	97.7	63.
77.7	161.3	25148.0	25.0	-50.1	99.9	32.5	3.0	-1.6	-2.6	641.1	999.9	99.9	999.9	95.1	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

50

STATION NO. 270
EL PASO, TFX

6 MAY 1975
1500 GMT

153 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.3	1193.0	878.6	11.0	-10.5	360.0	1.5	0.0	-1.5	295.1	300.8	2.0	21.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	16.6	1227.2	875.0	10.0	-9.2	999.9	99.9	99.9	99.9	294.5	300.8	2.2	25.0	99.9	99.9
1.0	19.1	1466.3	850.0	6.6	-8.7	999.9	99.9	99.9	99.9	293.4	300.0	2.3	32.4	99.9	99.9
1.8	21.4	1710.7	825.0	5.3	-10.6	999.9	99.9	99.9	99.9	294.5	300.4	2.1	30.4	99.9	99.9
2.6	23.8	1961.0	800.0	3.3	-12.1	999.9	99.9	99.9	99.9	294.9	300.4	1.9	31.4	99.9	99.9
3.5	26.2	2217.6	775.0	1.3	-13.2	999.9	99.9	99.9	99.9	295.4	300.6	1.8	32.7	99.9	99.9
4.1	28.7	2489.8	750.0	-0.2	-11.1	999.9	99.9	99.9	99.9	296.6	303.0	2.2	43.6	99.9	99.9
5.1	31.3	2751.9	725.0	-0.9	-7.3	999.9	99.9	99.9	99.9	298.9	307.7	3.1	61.7	99.9	99.9
6.1	34.0	3031.4	700.0	-2.1	-9.9	999.9	99.9	99.9	99.9	300.5	308.0	2.6	55.0	99.9	99.9
7.3	36.6	3319.3	675.0	-4.2	-12.5	999.9	99.9	99.9	99.9	301.3	307.7	2.2	52.3	99.9	99.9
8.4	39.4	3616.9	650.0	-4.6	-19.5	999.9	99.9	99.9	99.9	303.9	307.8	1.3	30.1	99.9	99.9
9.4	42.0	3924.9	625.0	-5.1	-25.8	250.1	29.1	27.4	9.9	309.6	309.0	0.7	17.9	6.3	71.
10.5	45.0	4245.0	600.0	-6.0	-26.5	255.0	26.9	26.0	7.0	309.2	311.6	0.7	17.9	10.0	71.
11.6	48.3	4577.3	575.0	-7.5	-27.7	255.4	25.9	25.0	6.5	311.2	313.5	0.7	18.0	11.8	72.
12.7	51.0	4921.9	550.0	-9.3	-29.1	254.6	27.9	26.9	7.4	313.1	315.2	0.6	18.1	13.5	72.
14.0	54.3	5280.1	525.0	-11.4	-30.8	254.6	27.2	26.3	7.2	314.7	316.6	0.6	18.3	15.7	73.
15.3	57.3	5652.5	500.0	-13.8	-32.7	252.3	27.0	25.7	8.2	316.2	317.8	0.5	18.4	17.8	73.
16.7	60.7	6040.6	475.0	-16.1	-34.6	243.9	28.0	25.2	12.3	318.0	319.5	0.4	18.6	20.2	72.
18.1	64.3	6444.9	450.0	-19.4	-37.2	239.7	26.1	22.4	13.5	318.8	320.1	0.3	18.8	22.3	71.
19.6	67.9	6867.0	425.0	-22.6	-39.8	239.5	27.0	23.3	13.7	319.9	320.9	0.3	19.0	24.8	70.
21.1	71.3	7309.2	400.0	-25.5	-42.1	239.2	30.7	26.4	15.7	321.8	322.6	0.2	19.2	27.3	69.
22.7	75.3	7773.7	375.0	-29.8	-45.7	235.9	30.8	25.5	17.3	322.1	322.7	0.2	19.5	30.2	68.
24.4	79.6	8261.4	350.0	-33.7	-48.9	235.6	30.6	26.4	15.5	323.3	323.7	0.1	19.7	33.3	67.
26.2	83.7	8776.4	325.0	-38.4	-52.8	235.5	31.7	26.2	18.0	323.7	324.0	0.1	20.1	36.5	66.
28.0	88.2	9321.4	300.0	-43.1	99.9	234.5	35.6	29.0	20.7	324.6	999.9	99.9	999.9	40.0	65.
29.9	93.0	9902.6	275.0	-47.1	99.9	236.8	35.1	29.3	19.2	327.1	999.9	99.9	999.9	43.9	64.
32.2	98.0	10529.1	250.0	-49.9	99.9	239.9	42.4	36.7	21.2	331.9	999.9	99.9	999.9	49.4	63.
34.6	103.3	11211.0	225.0	-54.2	99.9	242.0	48.1*	42.5	22.6	335.5	999.9	99.9	999.9	56.0	63.
37.4	109.3	11962.3	200.0	-55.2	99.9	239.1	45.7*	39.2	23.5	345.4	999.9	99.9	999.9	64.4	63.
40.5	115.5	12811.5	175.0	-57.5	99.9	237.4	41.9*	35.3	22.5	355.0	999.9	99.9	999.9	72.0	62.
44.0	122.5	13782.0	150.0	-57.4	99.9	242.2	43.7*	38.7	20.4	371.2	999.9	99.9	999.9	81.4	62.
48.1	130.3	14931.3	125.0	-58.4	99.9	250.0	37.0*	34.7	12.7	389.3	999.9	99.9	999.9	91.7	63.
52.9	138.3	16329.1	100.0	-60.3	99.9	252.5	18.4*	17.5	5.5	411.2	999.9	99.9	999.9	101.4	64.
59.0	147.3	18107.0	75.0	-66.3	99.9	254.2	6.0*	5.7	1.6	433.9	999.9	99.9	999.9	104.6	63.
68.8	156.3	20629.3	50.0	-57.4	99.9	270.0	4.2*	4.2	-0.0	508.3	999.9	99.9	999.9	104.0	63.
79.9	166.5	25114.7	25.0	-47.4	99.9	26.0	4.7	-2.1	-4.2	648.7	999.9	99.9	999.9	100.7	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

6 MAY 1975
1415 GMT

159 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	180.0	991.5	20.5	15.5	200.0	4.2	1.4	3.9	295.9	325.5	11.3	73.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	7.5	324.8	975.0	18.5	14.5	999.9	99.9	99.9	99.9	295.2	323.4	10.7	77.6	999.9	999.
1.5	9.6	547.5	950.0	16.5	14.7	999.9	99.9	99.9	99.9	295.4	324.7	11.2	89.1	999.9	999.
2.2	11.3	775.4	925.0	16.8	16.5	213.9	9.3	5.2	7.7	298.2	332.2	12.9	97.9	0.9	17.
3.1	13.4	1009.8	900.0	16.4	15.6	209.1	9.8	4.8	8.5	300.0	333.3	12.5	95.2	1.3	23.
4.1	15.5	1249.8	875.0	15.2	10.1	199.6	9.3	3.1	8.7	300.8	325.1	9.0	71.8	1.9	23.
5.1	17.5	1495.1	850.0	13.4	8.6	197.9	7.4	2.3	7.0	301.3	323.9	8.3	72.5	2.4	22.
6.3	19.7	1745.1	825.0	12.0	6.4	240.0	4.0	3.5	2.0	302.2	322.6	7.4	69.0	2.8	23.
7.3	21.7	2004.1	800.0	11.9	-0.4	253.1	5.7	5.4	1.7	304.5	317.8	4.7	42.8	3.0	28.
8.4	24.0	2268.8	775.0	9.8	-1.7	254.1	5.7	5.5	1.6	304.9	317.4	4.4	44.4	3.3	31.
9.4	26.1	2540.4	750.0	7.4	-1.1	258.9	7.6	7.4	1.5	305.2	318.7	4.7	54.9	3.6	37.
10.6	28.5	2818.8	725.0	5.3	-2.1	259.8	8.4	8.3	1.5	305.8	318.9	4.5	58.9	4.0	42.
11.6	30.8	3104.7	700.0	3.3	-2.4	262.0	7.8	7.7	1.1	306.7	320.0	4.6	66.2	4.4	46.
12.8	33.3	3398.7	675.0	0.9	-2.8	263.5	9.2	9.2	1.0	307.3	320.7	4.6	76.0	4.9	50.
14.0	35.7	3701.4	650.0	-1.6	-2.7	267.2	10.8	10.8	0.5	307.8	321.8	4.8	92.4	5.5	55.
15.3	38.2	4012.4	625.0	-4.4	-6.0	270.8	12.7	12.7	-0.2	307.9	319.4	3.9	88.7	6.3	59.
16.4	40.7	4333.6	600.0	-5.7	-15.7	284.6	14.3	13.8	-3.6	309.8	315.7	1.9	46.2	7.0	63.
17.6	43.3	4665.7	575.0	-8.2	-19.4	303.9	16.6	13.8	-9.2	310.5	315.0	1.4	40.0	7.8	70.
18.9	46.2	5009.1	550.0	-11.3	-22.3	313.1	16.9	12.4	-11.6	310.8	314.5	1.2	39.6	8.5	78.
20.3	49.1	5364.3	525.0	-13.3	-29.3	311.8	15.3	11.4	-10.2	312.5	314.6	0.6	24.6	9.3	85.
21.8	52.0	5735.2	500.0	-14.0	-32.0	309.4	16.0	12.3	-10.1	316.0	317.7	0.5	20.0	10.3	90.
23.2	55.1	6123.9	475.0	-15.6	-30.7	310.1	15.9	12.2	-10.2	318.6	320.8	0.6	26.1	11.5	95.
24.7	58.0	6529.6	450.0	-18.3	-34.5	307.8	16.6	13.1	-10.2	320.3	321.8	0.5	22.5	12.6	98.
26.4	61.4	6953.8	425.0	-21.5	-37.1	307.4	17.6	14.0	-10.7	321.4	322.7	0.4	22.7	14.2	102.
28.1	65.0	7397.6	400.0	-25.0	-40.0	309.4	19.6	15.1	-12.4	322.5	323.6	0.3	22.9	15.9	105.
29.9	68.3	7864.2	375.0	-28.1	-42.7	306.3	21.6	17.4	-12.8	324.3	325.2	0.2	23.1	18.0	108.
32.0	72.0	8356.0	350.0	-31.8	-45.8	299.9	26.0	22.5	-13.0	325.8	326.5	0.2	23.3	20.7	110.
34.1	76.0	8876.5	325.0	-35.4	-49.1	294.6	25.7	23.4	-10.7	327.8	328.3	0.1	22.7	24.1	111.
35.4	80.3	9429.2	300.0	-39.6	99.9	290.8	30.7	28.7	-10.9	329.5	999.9	99.9	999.9	28.0	111.
38.7	84.6	10018.4	275.0	-44.8	99.9	289.8	32.3	30.4	-10.9	330.4	999.9	99.9	999.9	32.3	111.
41.1	89.2	10649.0	250.0	-49.7	99.9	282.4	36.5	35.7	-7.8	332.2	999.9	99.9	999.9	37.2	110.
44.1	94.4	11330.4	225.0	-54.9	99.9	282.7	40.7	39.7	-8.9	334.4	999.9	99.9	999.9	44.0	109.
47.0	99.8	12075.7	200.0	-59.3	99.9	288.8	39.2	37.1	-12.7	338.9	999.9	99.9	999.9	50.6	109.
50.1	105.7	12900.0	175.0	-65.3	99.9	288.0	31.7	30.2	-5.8	342.2	999.9	99.9	999.9	57.4	109.
53.5	112.3	13832.8	150.0	-66.4*	99.9	295.3	29.4	26.0	-12.6	355.7	999.9	99.9	999.9	64.7	108.
57.7	119.7	14945.1	125.0	-63.3*	99.9	305.5	19.1	15.5	-11.1	380.3	999.9	99.9	999.9	73.6	109.
62.6	128.3	16328.6	100.0	-59.7*	99.9	121.5	17.5*	-14.9	9.1	412.4	999.9	99.9	999.9	77.6	109.
69.1	138.0	18126.7	75.0	-62.9	99.9	269.1	16.9	16.9	0.3	441.1	999.9	99.9	999.9	83.1	109.
77.8	148.0	20640.5	50.0	-58.6	99.9	0.3	6.2	-0.0	-6.2	505.5	999.9	99.9	999.9	84.9	110.
91.6	159.0	25069.2	25.0	-49.5	99.9	153.4	2.2	-1.0	1.9	642.2	999.9	99.9	999.9	83.4	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK

6 MAY 1975
1459 GMT

150 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	999.3	22.2	17.1	150.0	5.2	-2.6	4.5	297.1	329.7	12.4	73.0	0.0	0.
99.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	8.1	292.7	975.0	20.3	15.7	140.3	7.4	-4.7	5.7	267.2	327.7	11.6	74.5	0.3	327.
1.4	10.4	516.8	950.0	18.6	15.3	152.2	11.2	-4.0	10.4	297.6	328.3	11.6	81.0	0.6	331.
2.0	12.6	745.9	925.0	17.9	16.0	155.7	10.3	-4.2	9.4	299.3	332.5	12.5	88.5	1.1	335.
2.8	15.1	980.9	900.0	17.2	14.8	190.4	15.0	2.7	14.8	307.9	332.6	11.9	85.4	1.6	336.
3.7	17.3	1222.0	875.0	16.7	13.0	197.7	18.9	5.8	16.0	302.6	332.0	10.8	78.6	2.5	356.
4.5	19.8	1469.1	850.0	15.7	8.9	177.3	12.6	-0.6	12.6	303.7	327.2	8.5	64.3	3.2	357.
5.3	22.1	1721.7	825.0	13.0	6.0	185.9	13.2	1.4	13.1	303.3	323.2	7.2	62.5	3.8	357.
6.3	24.7	1980.6	800.0	12.2	7.9	196.1	12.2	3.4	11.7	305.2	328.6	8.4	75.1	4.5	367.
7.1	27.0	2246.5	775.0	10.5	7.5	200.3	10.4	3.6	9.8	306.2	329.6	8.4	81.5	5.0	2.
7.9	29.8	2520.0	750.0	9.4	5.1	203.9	7.7	3.1	7.1	307.8	328.6	7.4	74.1	5.5	3.
8.8	32.4	2801.3	725.0	8.3	3.8	211.8	7.0	3.7	5.9	309.4	329.3	7.0	73.3	5.8	5.
9.8	35.2	3091.1	700.0	6.9	1.7	220.1	7.0	4.5	5.3	310.9	328.9	6.2	69.5	6.1	7.
10.7	37.9	3389.1	675.0	4.4	-0.1	231.8	6.6	5.2	4.1	311.3	327.7	5.7	72.8	6.5	9.
11.7	40.7	3695.4	650.0	1.7	-1.3	237.9	6.6	5.6	3.5	311.5	327.2	5.4	80.7	6.7	11.
12.6	43.6	4010.9	625.0	0.0	-8.5	237.2	7.1	6.0	3.9	312.9	322.0	3.2	52.5	7.0	13.
13.6	46.8	4336.5	600.0	-2.4	-11.0	244.0	7.5	6.7	3.3	313.6	322.0	2.7	51.5	7.3	16.
14.7	49.9	4672.4	575.0	-5.7	-14.0	249.6	8.1	7.6	2.8	313.6	320.5	2.2	51.7	7.6	19.
15.8	52.9	5019.1	550.0	-8.5	-16.3	255.5	7.9	7.7	2.0	314.2	320.3	1.9	53.2	8.0	22.
17.1	56.0	5378.7	525.0	-9.9	-34.6	273.4	6.3	6.3	-0.4	316.5	317.8	0.4	11.2	8.3	26.
18.2	59.4	5754.1	500.0	-11.7	-47.9	280.4	7.5	7.3	-1.4	318.7	319.1	0.1	3.1	8.4	28.
19.5	62.9	6145.0	475.0	-14.6	-48.7	272.6	10.4	10.4	-0.5	319.9	320.2	0.1	3.6	8.7	33.
20.9	66.3	6552.6	450.0	-17.0	-49.6	269.3	10.9	10.9	0.1	321.8	322.1	0.1	4.0	9.2	38.
22.2	70.1	6978.0	425.0	-21.0	-51.2	266.1	13.0	13.0	0.9	322.0	322.3	0.1	4.6	9.7	41.
23.7	73.7	7422.8	400.0	-24.7	-47.8	264.5	16.1	16.1	1.6	322.8	323.2	0.1	9.6	10.8	47.
25.4	77.8	7889.1	375.0	-28.0	-50.0	258.8	18.3	18.0	3.6	324.5	324.8	0.1	10.1	12.2	51.
27.3	81.8	8381.9	350.0	-30.5	-52.5	251.0	19.9	18.8	6.5	327.6	327.9	0.1	9.4	14.4	55.
29.4	86.0	8903.9	325.0	-35.0	-55.6	251.7	16.8	16.0	5.3	328.3	328.6	0.1	10.1	16.6	57.
31.1	90.6	9456.6	300.0	-40.0	99.9	253.9	17.9	17.2	5.0	329.0	999.9	99.9	999.9	18.2	58.
32.8	95.5	10045.2	275.0	-44.5	99.9	258.7	18.1	17.8	3.5	330.8	999.9	99.9	999.9	20.1	60.
35.0	100.4	10677.3	250.0	-48.9	99.9	260.2	20.3	20.0	3.5	333.4	999.9	99.9	999.9	22.5	62.
37.6	105.8	11361.3	225.0	-53.6	99.9	265.7	20.7	20.6	1.5	336.4	999.9	99.9	999.9	25.5	65.
40.2	111.5	12109.9	200.0	-58.8	99.9	263.2	18.0	17.8	2.1	339.6	999.9	99.9	999.9	28.2	67.
43.0	117.8	12941.1	175.0	-62.3	99.9	269.6	27.6	27.6	0.2	347.1	999.9	99.9	999.9	31.9	69.
46.4	125.0	13886.7	150.0	-64.6	99.9	264.0	33.9	33.7	3.5	358.8	999.9	99.9	999.9	38.0	72.
50.4	132.3	14997.8	125.0	-65.0	99.9	273.2	29.5	29.5	-1.7	377.3	999.9	99.9	999.9	45.4	75.
54.9	140.0	16369.9	100.0	-62.5	99.9	292.1	16.6	15.4	-6.3	406.9	999.9	99.9	999.9	51.6	78.
60.6	148.0	18151.1	75.0	-63.5	99.9	309.5	10.2	7.9	-6.5	439.9	999.9	99.9	999.9	55.9	81.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETTE, MO

6 MAY 1975
1519 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	438.0	957.0	23.7	19.2	190.0	4.6	3.8	4.5	302.6	342.3	14.8	76.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	8.4	572.4	950.0	22.9	18.0	211.3	13.2	6.8	11.3	302.3	339.3	13.8	73.8	0.4	25.
1.0	10.3	734.4	925.0	20.4	16.4	213.3	12.7	7.0	10.6	301.9	336.3	12.8	77.9	0.8	26.
1.9	12.3	971.1	900.0	18.9	15.4	219.2	11.6	7.3	9.0	302.7	336.0	12.4	80.2	1.5	32.
2.8	14.4	1213.3	875.0	17.4	14.1	221.1	12.1	7.9	9.1	303.5	335.1	11.7	80.8	2.0	35.
3.7	16.3	1461.0	850.0	15.8	13.6	214.1	8.9	5.0	7.4	304.2	335.9	11.6	86.9	2.7	36.
4.7	18.5	1714.4	825.0	13.7	12.0	201.2	8.3	3.0	7.7	304.6	334.0	10.8	89.3	3.1	34.
5.7	20.6	1974.0	800.0	12.5	10.2	183.7	6.4	0.4	6.4	305.8	332.9	9.8	85.6	3.6	32.
6.9	22.9	2240.4	775.0	11.0	7.6	190.4	4.7	0.9	4.6	306.8	330.5	8.5	79.5	3.9	29.
9.1	25.1	2514.0	750.0	9.7	4.7	154.6	4.5	1.1	4.3	308.1	328.5	7.2	71.1	4.2	28.
9.0	27.3	2765.7	725.0	9.2	-1.5	204.1	4.7	1.9	4.3	310.1	324.0	4.7	47.1	4.5	27.
10.1	29.5	3085.4	700.0	6.9	-5.4	216.3	4.8	2.9	3.9	310.5	321.4	3.6	41.0	4.8	27.
11.2	32.2	3383.1	675.0	4.6	-8.2	243.1	5.9	5.3	2.7	311.2	320.4	3.1	38.8	5.1	28.
12.4	34.8	3689.4	650.0	2.2	-15.0	242.5	7.3	6.5	3.4	311.7	317.4	1.8	26.5	5.4	32.
13.5	37.2	4004.7	625.0	-0.4	-17.6	234.5	9.4	7.6	5.4	312.2	317.0	1.5	25.7	6.0	34.
14.7	39.9	4329.5	600.0	-2.8	-19.1	232.2	11.1	8.8	6.8	313.0	317.4	1.4	27.1	6.7	36.
16.0	42.4	4665.3	575.0	-5.4	-21.1	225.4	12.3	8.8	8.7	313.8	317.8	1.2	27.6	7.5	38.
17.2	45.3	5012.3	550.0	-7.8	-25.0	229.8	13.3	10.2	8.6	315.0	318.0	0.9	23.6	8.5	38.
18.5	48.1	5373.0	525.0	-9.3	-26.3	235.7	15.1	12.5	8.5	317.2	320.1	0.8	23.6	9.6	40.
19.9	51.0	5748.1	500.0	-11.5	-28.1	238.1	16.1	13.6	8.5	319.0	321.6	0.7	23.7	10.8	42.
21.4	54.1	6139.4	475.0	-14.6	-30.7	242.3	15.9	14.1	7.4	319.9	322.0	0.6	23.9	12.1	44.
22.9	57.1	6546.5	450.0	-17.4	-33.0	240.4	17.0	14.8	8.4	321.4	323.2	0.5	24.0	13.6	46.
24.4	60.6	6972.1	425.0	-20.6	-35.8	240.7	16.8	14.6	8.2	322.5	324.0	0.4	24.1	15.1	48.
26.0	64.0	7417.6	400.0	-23.8	-38.5	241.8	16.8	14.8	7.9	324.0	325.2	0.3	24.3	16.7	49.
27.8	67.5	7885.6	375.0	-27.5	-41.6	237.9	17.2	14.5	9.1	325.2	326.1	0.3	24.4	18.5	50.
29.7	71.2	8379.0	350.0	-30.8	-44.4	232.2	17.1	13.5	10.5	327.2	328.0	0.2	24.6	20.4	51.
31.4	75.2	8901.1	325.0	-34.7	-47.8	229.2	15.3	11.6	10.0	328.7	329.3	0.2	24.8	22.1	51.
33.3	79.5	9454.8	300.0	-39.5	-51.9	229.9	16.3	12.4	10.5	329.8	330.9	99.9	999.9	23.9	50.
35.4	83.8	10043.4	275.0	-44.4	-55.9	231.6	18.2	14.3	11.3	330.9	332.7	99.9	999.9	26.0	51.
37.7	88.6	10675.0	250.0	-49.4	-59.9	240.2	19.1	16.5	9.5	332.7	334.9	99.9	999.9	28.5	51.
40.1	93.8	11358.3	225.0	-53.9	-63.9	254.0	18.7	18.0	5.1	336.0	339.9	99.9	999.9	31.2	52.
42.9	99.3	12106.2	200.0	-58.6	-67.9	250.2	19.1	18.0	6.5	340.1	344.9	99.9	999.9	34.3	54.
45.9	105.5	12939.7	175.0	-61.3	-71.9	253.6	17.8	17.1	5.0	348.7	354.9	99.9	999.9	37.3	56.
49.1	112.3	13890.9	150.0	-62.9	-75.9	257.3	24.1	23.5	5.3	361.7	369.9	99.9	999.9	40.5	57.
52.7	120.0	15011.0	125.0	-62.0	-79.9	273.2	15.9	15.9	-0.9	382.8	399.9	99.9	999.9	44.8	60.
57.2	129.0	16414.3	100.0	-60.0	-83.9	279.6	11.2	11.0	-1.9	411.6	429.9	99.9	999.9	47.6	63.
63.1	139.0	18194.4	75.0	-63.1	-87.9	338.8	5.8	2.1	-5.4	440.6	459.9	99.9	999.9	49.9	66.
70.8	149.0	20731.6	50.0	-59.4	-91.9	80.7	1.3	-1.3	-0.2	503.4	529.9	99.9	999.9	49.1	66.
82.5	159.5	25191.1	25.0	-50.1	-95.9	90.8	0.9	-0.9	0.0	640.8	669.9	99.9	999.9	48.2	68.

* BY SPFC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLA

6 MAY 1975
1500 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	392.0	959.0	21.1	18.9	180.0	6.2	0.0	6.2	259.7	338.0	14.5	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	9.9	474.1	950.0	21.5	20.1	238.9	6.1	5.3	3.2	301.1	343.1	15.9	92.2	0.6	5.
1.1	12.0	705.5	925.0	19.0	17.8	247.4	5.8	5.3	2.2	300.7	337.9	14.0	92.3	0.8	19.
2.0	14.3	541.5	900.0	17.8	16.7	221.6	10.2	6.8	7.6	301.6	337.5	13.4	93.2	1.2	29.
3.0	16.5	1182.3	875.0	15.5	14.0	233.1	9.7	7.8	5.9	301.4	332.6	11.6	91.1	1.8	34.
4.0	18.9	1428.7	850.0	14.7	11.6	233.3	10.9	8.8	6.5	302.9	331.6	10.2	82.0	2.3	40.
4.9	21.1	1681.0	825.0	12.5	11.4	215.5	11.1	6.5	9.1	303.2	331.4	10.4	93.1	3.0	41.
6.0	23.6	1939.5	800.0	12.5	6.8	223.0	13.1	9.9	9.5	305.6	327.4	7.8	69.0	3.7	43.
7.0	25.9	2206.7	775.0	13.2	0.3	212.6	14.9	8.0	12.6	308.7	323.4	5.1	41.1	4.6	40.
8.1	28.5	2481.7	750.0	11.0	-1.1	216.1	14.1	8.3	11.4	309.1	322.8	4.7	42.9	5.5	39.
9.2	31.2	2763.5	725.0	9.4	-5.1	217.4	16.1	9.8	12.8	310.3	321.0	3.6	35.4	6.5	39.
10.3	33.9	3053.7	700.0	7.2	-2.6	212.5	18.6	10.0	15.7	311.1	324.4	4.5	49.5	7.6	38.
11.4	36.4	3351.7	675.0	4.6	-5.0	211.7	19.0	10.0	16.2	311.2	322.9	3.9	49.9	8.9	37.
12.5	39.3	3657.8	650.0	1.9	-11.5	210.7	20.1	10.3	17.3	311.5	318.9	2.4	36.0	17.2	37.
13.7	42.0	3972.6	625.0	-1.0	-14.2	205.3	18.3	7.8	16.5	311.5	317.9	2.0	35.8	11.6	36.
15.0	45.0	4296.5	600.0	-4.2	-16.3	203.0	18.4	7.2	17.0	311.5	317.0	1.8	38.0	12.9	34.
16.3	48.0	4630.8	575.0	-6.5	-16.8	213.3	21.6	11.9	18.1	312.6	318.2	1.8	43.5	14.5	34.
17.7	50.9	4976.5	550.0	-9.6	-16.7	219.7	23.2	14.8	17.8	312.5	318.8	1.9	56.0	16.4	34.
19.1	54.1	5333.9	525.0	-12.5	-20.5	221.3	24.1	15.9	18.1	313.5	318.0	1.4	51.4	18.3	35.
20.5	57.1	5706.6	500.0	-12.5	-34.6	208.1	25.6	12.1	22.6	317.8	319.2	0.4	13.8	23.4	35.
21.8	60.6	6056.8	475.0	-14.9	-36.4	203.4	22.7	9.0	20.8	319.5	320.8	0.4	14.0	22.4	34.
23.2	64.2	6502.9	450.0	-18.6	-36.0	209.0	24.8	12.0	21.7	319.9	321.2	0.4	19.7	24.2	33.
24.8	67.7	6926.5	425.0	-21.9	-40.1	218.2	23.0	14.2	18.1	320.8	321.8	0.3	17.3	26.7	33.
26.5	71.3	7365.3	400.0	-25.8	-41.7	215.4	22.7	13.2	18.5	321.4	322.3	0.2	20.8	29.0	34.
28.1	75.3	7833.7	375.0	-29.2	-45.9	216.7	25.4	15.2	20.4	322.9	323.5	0.2	17.9	31.1	34.
29.8	79.5	8323.1	350.0	-32.9	-49.6	221.6	25.1	16.6	18.8	324.3	324.8	0.1	16.8	33.7	34.
31.8	83.5	8841.1	325.0	-36.2	-52.9	239.9	20.4	17.7	10.2	326.7	327.0	0.1	15.7	36.4	35.
33.9	88.0	9390.6	300.0	-40.8	99.9	240.9	34.6	30.3	16.8	327.9	999.9	99.9	999.9	39.2	37.
36.0	92.8	9977.0	275.0	-45.5	99.9	241.8	36.8	32.5	17.4	329.4	999.9	99.9	999.9	43.6	40.
38.3	97.8	10606.0	250.0	-50.3	99.9	237.2	38.0	31.9	20.6	331.2	999.9	99.9	999.9	48.7	42.
40.8	103.0	11286.8	225.0	-54.3	99.9	239.5	38.2	32.9	19.3	335.3	999.9	99.9	999.9	53.9	44.
43.4	109.8	12033.4	200.0	-58.5	99.9	242.4	26.0	23.1	12.1	340.1	999.9	99.9	999.9	59.6	45.
46.3	114.8	12854.6	175.0	-62.3	99.9	239.7	41.6	35.9	21.0	347.1	999.9	99.9	999.9	65.9	46.
49.5	121.5	13824.8	150.0	-59.5	99.9	246.3	33.5	31.1	12.4	367.7	999.9	99.9	999.9	71.9	48.
53.2	128.7	14972.7	125.0	-58.6	99.9	249.6	21.5	20.2	7.5	388.2	999.9	99.9	999.9	77.6	50.
57.7	136.3	16372.0	100.0	-59.9	99.9	250.6	13.5	12.8	4.5	412.1	999.9	99.9	999.9	81.4	51.
63.4	144.0	18165.1	75.0	-62.8	99.9	257.9	11.2	10.9	2.3	441.3	999.9	99.9	999.9	83.8	51.
71.1	152.0	20688.8	50.0	-58.3	99.9	41.0	5.4	-3.5	-4.0	566.1	999.9	99.9	999.9	82.6	52.
82.9	160.3	25133.6	25.0	-49.3	99.9	47.7	1.7	-1.3	-1.2	643.5	999.9	99.9	999.9	81.2	52.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX

6 MAY 1975
1415 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	1095.0	882.4	12.2	-11.4	290.0	12.8	12.0	-4.4	296.0	301.3	1.8	18.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	14.1	1165.5	875.0	11.6	-6.0	271.2	25.1	25.1	-0.5	296.3	304.2	2.8	28.5	0.4	120.0
1.0	16.0	1406.2	850.0	8.9	-8.8	274.6	18.8	18.7	-1.5	295.7	302.4	2.3	27.7	1.1	101.0
1.9	18.2	1652.5	825.0	7.5	-11.6	272.4	21.0	21.0	-0.9	296.8	302.4	1.9	24.3	2.0	100.0
2.7	20.4	1905.4	800.0	6.5	-12.4	256.9	22.1	21.5	5.0	298.3	303.7	1.8	24.3	3.1	95.0
3.6	22.5	2165.2	775.0	5.2	-12.4	249.2	27.8	26.0	9.9	299.7	305.3	1.9	26.6	4.3	88.0
4.4	24.9	2432.0	750.0	3.3	-12.0	243.3	28.8	25.8	13.0	300.4	306.4	2.0	31.3	5.7	82.0
5.4	27.0	2705.6	725.0	1.2	-15.9	245.9	30.7	28.0	12.6	300.9	305.5	1.5	26.7	7.4	78.0
6.3	29.4	2987.9	700.0	1.3	-18.7	244.0	34.3	30.8	15.0	304.0	307.9	1.2	20.9	9.0	76.0
7.1	31.9	3279.7	675.0	-0.3	-20.0	239.1	32.5	27.9	16.7	305.4	309.0	1.2	21.0	10.7	74.0
7.9	34.4	3580.3	650.0	-2.2	-21.5	231.4	30.9	24.2	19.3	306.6	309.9	1.1	21.1	12.2	71.0
8.8	36.8	3892.5	625.0	-1.7	-20.0	220.9	31.3	20.5	23.7	310.7	314.6	1.2	23.2	13.8	68.0
9.9	39.4	4216.1	600.0	-3.8	-20.9	214.1	33.2	18.6	27.5	311.8	315.6	1.2	25.2	15.4	65.0
10.9	42.0	4550.4	575.0	-6.3	-22.9	211.8	33.7	17.7	28.6	312.7	316.1	1.0	25.3	17.3	61.0
12.0	44.8	4897.0	550.0	-8.5	-25.0	213.0	31.6	17.2	26.5	314.1	317.0	0.9	24.9	19.2	57.0
13.2	47.6	5256.4	525.0	-10.6	-26.8	218.9	29.5	18.5	22.9	315.7	318.4	0.8	25.0	21.3	55.0
14.5	50.6	5629.7	500.0	-13.4	-30.0	224.4	26.1	18.3	18.7	316.7	318.8	0.6	23.0	23.3	54.0
15.8	53.5	6018.1	475.0	-15.8	-32.1	227.0	33.5	24.5	22.8	318.4	320.3	0.5	23.1	25.6	54.0
17.3	56.5	6424.2	450.0	-17.7	-33.7	225.4	29.8	21.2	20.9	321.0	322.7	0.5	23.2	28.5	53.0
18.5	59.9	6849.5	425.0	-20.7	-35.8	228.4	30.6	22.9	20.3	322.4	323.9	0.4	24.4	30.9	52.0
19.8	63.3	7294.3	400.0	-24.6	-39.0	229.3	26.0	19.7	18.9	322.9	324.1	0.3	24.8	32.7	52.0
21.0	66.6	7761.0	375.0	-28.1	-41.9	230.4	28.5	22.0	18.2	324.4	325.3	0.2	24.9	34.9	52.0
22.3	70.3	8251.6	350.0	-32.7	-45.0	233.8	27.7	22.4	16.4	324.6	325.3	0.2	27.6	37.1	52.0
23.9	74.0	8768.4	325.0	-37.2	-49.0	232.8	32.8	26.1	15.8	325.3	325.8	0.1	27.8	39.8	52.0
25.4	78.2	9316.9	300.0	-41.4	99.9	232.1	33.5	26.5	20.6	327.0	999.9	99.9	99.9	42.7	52.0
27.2	82.4	9900.7	275.0	-46.5	99.9	233.6	28.9	23.3	17.1	327.9	999.9	99.9	99.9	46.1	52.0
28.9	87.0	10526.3	250.0	-51.4	99.9	234.5	28.5	23.2	16.5	329.7	999.9	99.9	99.9	48.8	52.0
30.7	92.1	11202.1	225.0	-56.0	99.9	232.4	32.1	25.4	15.6	332.7	999.9	99.9	99.9	52.3	52.0
32.7	97.4	11946.4	200.0	-58.8	99.9	238.2	41.1	35.0	21.6	339.7	999.9	99.9	99.9	56.3	53.0
35.0	103.3	12784.7	175.0	-57.8	99.9	240.3	35.3	30.7	17.5	354.6	999.9	99.9	99.9	61.9	53.0
37.6	110.0	13762.6	150.0	-55.3	99.9	241.6	33.3	29.3	15.2	374.8	999.9	99.9	99.9	67.6	54.0
40.6	117.3	14924.4	125.0	-56.0	99.9	240.5	26.3	22.9	13.0	393.6	999.9	99.9	99.9	70.8	54.0
43.8	126.0	16331.0	100.0	-58.2	99.9	286.9	7.0	6.7	-2.0	415.3	999.9	99.9	99.9	76.1	55.0
46.1	136.5	18124.9	75.0	-62.8	99.9	242.9	11.9	10.6	5.4	441.3	999.9	99.9	99.9	77.2	55.0
53.8	147.5	20643.2	50.0	-58.4	99.9	226.1	9.8	7.1	6.8	505.8	999.9	99.9	99.9	83.4	55.0
63.1	160.5	25068.0	25.0	-51.0	99.9	288.5	4.1	3.9	-1.3	638.3	999.9	99.9	99.9	77.6	56.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX

6 MAY 1975
1415 GMT

144 10. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.2	1619.0	832.4	3.9	-6.1	230.0	5.2	4.0	3.3	292.3	300.5	2.9	48.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.8	1691.4	825.0	2.0	-8.5	247.9	5.0	5.2	2.1	291.0	297.9	2.4	45.4	0.1	36.
1.2	23.2	1938.2	800.0	-0.8	-10.5	262.7	7.0	6.9	0.9	297.5	256.6	2.1	47.8	0.4	60.
1.9	25.5	2191.1	775.0	-2.5	-12.5	277.9	10.0	9.9	-1.4	291.3	296.7	1.9	46.0	0.8	76.
2.7	27.9	2450.5	750.0	-4.1	-16.0	288.8	12.4	11.8	-4.0	292.3	296.6	1.5	38.9	1.3	88.
3.6	30.4	2716.8	725.0	-6.5	-18.0	297.8	12.1	10.7	-5.6	292.5	296.3	1.3	39.4	1.9	97.
4.4	33.3	2989.9	700.0	-8.5	-20.9	258.3	14.8	13.1	-7.0	293.2	296.3	1.0	35.7	2.5	102.
5.4	35.5	3270.9	675.0	-10.7	-23.2	297.5	14.9	13.2	-6.9	293.2	296.4	0.9	34.7	3.4	116.
6.4	38.2	3560.0	650.0	-12.8	-26.1	296.8	14.1	12.6	-6.4	294.5	296.7	0.7	31.6	4.3	109.
7.6	40.8	3858.3	625.0	-14.6	-29.5	288.8	14.9	14.1	-4.8	295.2	297.5	0.5	26.8	5.3	110.
8.8	43.6	4166.9	600.0	-15.4	-32.7	268.4	18.3	18.3	0.5	298.3	299.6	0.4	21.1	6.4	108.
10.3	46.5	4488.9	575.0	-15.1	-32.4	250.9	23.7	22.4	7.7	302.3	303.7	0.4	21.0	8.1	101.
11.8	46.5	4924.7	550.0	-16.5	-33.5	252.4	30.0	28.6	9.0	304.5	305.9	0.4	21.1	10.3	94.
13.0	52.4	5174.5	525.0	-16.1	-34.6	252.9	33.6	32.1	6.9	309.1	310.4	0.4	18.5	12.4	90.
14.2	55.4	5541.1	500.0	-17.4	-35.6	252.0	37.2	35.4	11.5	311.2	313.1	0.4	18.6	14.9	88.
15.8	58.5	5923.8	475.0	-19.5	-37.3	247.8	40.2	37.2	15.2	313.6	315.0	0.3	18.8	16.6	84.
17.6	61.8	6324.3	450.0	-21.3	-38.7	246.7	42.6	39.1	16.9	316.5	317.5	0.3	19.0	22.8	81.
19.1	65.1	6745.1	425.0	-22.5	-39.6	246.1	42.0	38.5	17.0	320.2	321.2	0.3	19.1	26.4	79.
20.5	68.6	7188.1	400.0	-24.9	-41.6	244.1	44.9*	40.4	19.6	322.6	323.5	0.2	19.3	30.2	77.
22.1	72.1	7654.1	375.0	-28.2	-43.4	243.0	46.5*	41.4	21.1	324.2	325.0	0.2	21.5	34.4	75.
24.0	76.0	8144.3	350.0	-32.2	-46.8	242.6	53.9*	47.9	24.8	325.2	325.8	0.2	21.8	39.9	73.
25.7	80.1	8662.9	325.0	-36.3	-50.2	242.2	48.5*	42.9	22.6	326.5	326.9	0.1	22.1	45.0	72.
27.4	84.2	9212.9	300.0	-40.7	99.9	241.5	49.3*	43.3	23.4	328.1	999.9	99.9	99.9	49.9	71.
29.7	88.5	9800.5	275.0	-44.8	99.9	237.9	40.4*	34.2	21.4	330.4	999.9	99.9	99.9	55.7	70.
31.8	93.2	10430.8	250.0	-49.5	99.9	240.0	49.0*	42.5	24.5	332.5	999.9	99.9	99.9	61.7	69.
35.0	98.2	11118.1	225.0	-50.6	99.9	242.5	38.4*	34.1	17.7	340.9	999.9	99.9	99.9	69.2	68.
37.2	103.4	11884.0	200.0	-52.3	99.9	240.8	29.5*	25.8	14.4	350.0	999.9	99.9	99.9	73.6	68.
39.5	106.3	12742.7	175.0	-53.7	99.9	236.1	31.6*	26.2	17.6	361.2	999.9	99.9	99.9	78.5	67.
43.0	115.4	13732.3	150.0	-56.1	99.9	238.1	16.2*	13.8	8.6	373.4	999.9	99.9	99.9	82.9	67.
46.9	122.5	14890.0	125.0	-57.1	99.9	245.1	20.5*	18.6	8.6	391.7	999.9	99.9	99.9	99.1	66.
51.9	130.3	16308.2	100.0	-54.3	99.9	252.1	22.5*	21.4	6.9	422.9	999.9	99.9	99.9	97.3	66.
57.4	138.7	18134.2	75.0	-59.6	99.9	199.6	15.3*	5.1	14.4	448.1	999.9	99.9	99.9	101.3	65.
65.5	147.7	20669.6	50.0	-57.0	99.9	40.6	7.3*	-5.2	-6.0	509.2	999.9	99.9	99.9	101.7	64.
77.7	157.3	25104.3	25.0	-52.2	99.9	225.9	1.3	1.0	0.9	635.0	999.9	99.9	99.9	99.8	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL

6 MAY 1975
1500 GMT

151 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	175.0	989.0	23.0	10.9	190.7	3.1	0.5	3.1	299.2	320.5	8.3	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	6.8	269.1	975.0	21.2	16.7	99.9	99.9	99.9	99.9	298.1	330.8	12.4	75.7	99.9	99.9
1.1	9.0	523.9	950.0	19.3	17.4	99.9	99.9	99.9	99.9	298.5	333.6	13.3	88.8	99.9	99.9
1.9	11.1	734.1	925.0	19.0	14.6	99.9	99.9	99.9	99.9	300.3	330.5	11.4	75.8	99.9	99.9
2.6	13.4	989.7	900.0	17.6	15.0	99.9	99.9	99.9	99.9	311.3	333.5	12.1	84.8	99.9	99.9
3.4	15.6	1237.6	875.0	16.0	8.6	111.2	2.1	-2.0	0.8	301.5	323.8	8.2	61.9	0.1	52.
4.2	17.9	1476.5	850.0	14.6	6.0	117.4	3.5	-3.1	1.6	302.4	321.5	6.9	56.2	0.1	325.
5.1	20.2	1728.6	825.0	13.2	5.8	157.6	2.6	-1.0	2.4	303.5	323.1	7.1	61.0	0.3	311.
5.9	22.5	1966.8	800.0	11.2	4.9	215.3	2.3	1.3	1.9	304.0	323.1	6.8	65.0	0.4	329.
6.8	25.0	2251.1	775.0	9.2	5.0	266.3	2.9	2.9	0.2	304.7	324.5	7.1	75.0	0.4	347.
7.7	27.3	2522.4	750.0	7.0	4.9	262.3	4.7	4.7	0.5	305.1	325.5	7.3	86.3	0.4	17.
8.6	29.9	2800.6	725.0	4.8	2.1	252.4	7.1	6.7	2.1	305.5	323.0	6.2	82.8	0.6	44.
9.4	32.5	3096.6	700.0	3.5	-5.9	253.0	8.9	8.5	2.6	306.9	317.4	3.6	51.6	1.0	55.
10.4	35.2	3381.1	675.0	2.1	-14.1	267.1	8.8	8.8	0.4	308.2	314.0	1.9	29.0	1.5	62.
11.3	37.8	3684.4	650.0	-0.3	-16.3	280.7	10.0	9.9	-1.9	308.9	314.0	1.6	28.5	1.9	71.
12.3	40.5	3996.9	625.0	-2.6	-17.9	288.7	12.0	11.4	-3.9	309.7	314.4	1.5	29.6	2.5	79.
13.5	43.3	4319.1	600.0	-5.1	-20.2	295.2	14.2	12.8	-6.0	310.4	314.4	1.3	29.3	3.3	89.
14.6	46.2	4652.2	575.0	-7.6	-22.6	296.9	13.7	12.2	-6.2	311.2	314.8	1.1	29.1	4.2	94.
15.8	49.3	4997.2	550.0	-8.8	-22.8	303.5	12.6	10.5	-7.0	313.6	315.1	0.4	12.3	5.0	99.
16.9	52.1	5356.4	525.0	-10.3	-33.8	293.2	12.6	11.6	-5.0	316.0	317.5	0.4	12.4	5.9	102.
18.2	55.2	5731.2	500.0	-12.2	-33.4	287.2	14.2	13.5	-4.2	318.2	319.7	0.5	15.2	6.8	103.
19.4	58.0	6121.3	475.0	-14.4	-34.1	281.4	15.7	15.4	-3.1	320.2	321.7	0.4	16.6	8.0	103.
20.8	61.4	6528.6	450.0	-17.7	-35.9	278.6	16.6	16.4	-2.5	321.0	322.4	0.4	18.5	9.3	103.
22.2	64.9	6953.6	425.0	-21.3	-39.4	278.0	18.2	18.0	-2.5	321.7	322.7	0.3	17.6	10.8	102.
23.7	68.3	7398.2	400.0	-24.8	-42.3	279.4	20.5	20.2	-3.4	322.7	323.5	0.2	17.7	12.5	102.
25.2	71.8	7864.1	375.0	-28.5	-45.3	279.9	21.6	21.3	-3.7	323.8	324.5	0.2	18.0	14.4	101.
27.0	75.7	8355.3	350.0	-31.4	-47.6	281.1	23.2	22.8	-4.5	326.4	326.9	0.1	18.2	16.7	101.
28.7	79.9	8874.8	325.0	-36.0	-51.4	288.6	22.9	21.7	-7.3	327.0	327.4	0.1	18.6	19.1	101.
30.6	83.8	9425.6	300.0	-41.3	99.9	291.1	26.2	24.4	-9.4	327.1	999.9	99.9	99.9	22.0	103.
32.7	88.2	10012.7	275.0	-44.7	99.9	291.4	27.0	25.2	-9.9	330.5	999.9	99.9	99.9	25.2	104.
34.8	93.0	10645.5	250.0	-47.5	99.9	289.7	25.4	24.0	-8.1	335.5	999.9	99.9	99.9	28.5	105.
36.9	97.6	11334.1	225.0	-52.7	99.9	289.4	30.5	28.8	-10.2	337.8	999.9	99.9	99.9	32.0	105.
39.4	102.8	12187.2	200.0	-57.5	99.9	284.2	31.4	30.4	-7.7	341.6	999.9	99.9	99.9	36.8	105.
42.1	108.5	12919.1	175.0	-62.6	99.9	277.4	29.3	29.1	-3.8	346.7	999.9	99.9	99.9	41.6	105.
45.0	115.2	13862.2	150.0	-65.5	99.9	277.1	31.2	30.9	-3.9	357.2	999.9	99.9	99.9	46.9	103.
48.7	122.3	14991.3	125.0	-61.4	99.9	312.3	17.0	14.4	-9.1	383.8	999.9	99.9	99.9	52.5	104.
53.1	130.3	16392.2	100.0	-54.4	99.9	299.9	14.7	12.8	-7.3	422.7	999.9	99.9	99.9	57.3	105.
58.6	138.7	18232.1	75.0	-55.6	99.9	308.5	6.4	5.0	-4.0	456.5	999.9	99.9	99.9	60.9	106.
65.8	147.7	20816.2	50.0	-55.3	99.9	26.0	4.7	-2.1	-4.2	513.3	999.9	99.9	99.9	62.4	106.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KAN

6 MAY 1975
1415 GMT

150 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	791.0	912.9	13.9	0.5	240.0	4.7	4.1	2.4	295.2	307.3	4.4	40.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.7	917.8	900.0	12.5	-2.6	241.4	9.1	8.0	4.4	294.8	304.7	3.5	35.0	0.2	35.
1.1	16.7	1142.4	875.0	11.7	-7.8	234.8	12.3	10.0	7.1	290.2	303.2	2.4	24.8	0.6	54.
1.9	19.1	1388.6	850.0	11.5	-7.9	220.6	14.4	9.4	10.9	298.5	305.8	2.5	24.8	1.3	52.
2.8	21.3	1637.5	825.0	10.3	-8.9	214.3	17.1	9.6	14.1	299.8	306.7	2.4	24.9	2.1	45.
3.6	23.6	1892.4	800.0	8.1	-10.8	215.2	17.4	10.1	14.3	300.0	306.2	2.1	25.0	2.9	42.
4.6	25.8	2152.9	775.0	5.4	-12.9	219.9	20.4	13.1	15.6	299.9	305.3	1.8	25.1	4.0	41.
5.6	28.3	2419.8	750.0	3.7	-14.4	218.0	26.0	16.0	20.5	300.2	305.9	1.7	25.2	5.4	41.
6.6	30.9	2694.8	725.0	3.5	-16.6	208.0	26.0	12.2	22.9	303.4	307.8	1.4	21.3	7.0	39.
7.6	33.4	2978.3	700.0	1.3	-18.8	208.1	26.1	12.3	23.0	304.1	307.9	1.2	20.5	8.4	37.
8.6	35.9	3269.9	675.0	-0.0	-19.9	210.0	30.0	15.0	26.0	305.8	309.4	1.2	20.6	9.9	35.
9.6	38.6	3571.9	650.0	-0.5	-20.8	211.3	33.6	17.4	28.7	308.6	312.1	1.1	19.7	11.9	35.
10.6	41.2	3884.6	625.0	-2.0	-20.9	207.2	36.6	16.7	32.5	310.3	313.9	1.1	21.8	14.0	34.
11.5	44.0	4207.9	600.0	-4.0	-20.4	202.9	40.5	15.8	37.3	311.7	315.6	1.2	26.4	16.1	33.
12.6	47.0	4542.6	575.0	-6.4	-19.7	202.4	43.2	16.5	39.9	312.7	317.1	1.4	33.8	18.9	31.
13.7	50.0	4887.8	550.0	-9.6	-19.8	203.4	42.9*	17.0	39.4	312.8	317.4	1.4	43.1	21.7	30.
14.9	52.9	5244.9	525.0	-12.8	-27.7	206.3	39.3*	17.4	35.3	313.1	315.6	0.8	27.8	24.9	29.
16.2	55.9	5616.0	500.0	-14.4	-29.9	215.1	38.9*	22.4	31.8	315.5	317.6	0.6	25.3	27.8	30.
17.5	59.1	6002.6	475.0	-16.8	-32.9	214.5	38.9*	22.1	32.1	317.2	318.9	0.5	23.0	31.0	30.
18.9	62.5	6408.5	450.0	-17.5	-33.5	215.0	35.6*	20.5	29.2	321.3	323.0	0.5	23.1	33.9	31.
20.2	65.8	6834.5	425.0	-20.2	-35.8	215.4	37.1*	21.5	30.2	323.1	324.6	0.4	23.2	36.9	31.
21.7	69.4	7290.7	400.0	-23.9	-38.9	216.5	30.1*	17.9	24.2	323.9	325.1	0.3	23.5	39.7	31.
23.3	73.0	7747.6	375.0	-28.3	-42.6	216.4	34.5*	20.5	27.8	324.1	325.0	0.2	23.8	42.5	32.
25.1	77.0	8238.9	350.0	-32.4	-46.0	214.6	35.4*	20.1	29.2	325.0	325.7	0.2	24.0	46.9	32.
26.9	80.9	8757.7	325.0	-36.2	-49.3	211.1	33.2*	17.1	28.4	326.7	327.2	0.1	24.3	50.1	32.
29.0	85.1	9379.9	300.0	-40.8	99.9	209.0	32.9*	16.0	28.8	327.9	999.9	99.9	999.9	54.2	32.
31.0	89.4	9893.2	275.0	-45.9	99.9	211.2	23.6*	12.2	20.2	328.8	999.9	99.9	999.9	58.0	32.
33.2	94.2	10521.1	250.0	-51.0	99.9	209.7	31.6*	15.6	27.4	330.2	999.9	99.9	999.9	62.0	32.
35.5	99.3	11157.0	225.0	-56.2	99.9	205.6	23.0*	9.9	20.7	332.4	999.9	99.9	999.9	65.2	31.
38.1	104.5	11938.9	200.0	-59.8	99.9	206.9	25.5*	11.5	22.7	338.0	999.9	99.9	999.9	69.8	31.
41.1	110.4	12777.0	175.0	-58.9	99.9	230.5	17.8*	13.7	11.3	352.8	999.9	99.9	999.9	73.1	32.
44.5	116.8	13743.8	150.0	-58.3	99.9	239.4	24.6*	21.2	12.5	369.6	999.9	99.9	999.9	77.7	33.
48.6	124.0	14867.4	125.0	-59.0	99.9	231.5	28.0*	21.9	17.4	388.1	999.9	99.9	999.9	81.9	35.
53.7	132.0	16300.6	100.0	-56.0	99.9	237.4	13.6*	11.5	7.3	419.6	999.9	99.9	999.9	87.0	36.
59.9	140.3	18115.6	75.0	-59.7	99.9	21.0	4.0	-1.4	-3.7	447.8	999.9	99.9	999.9	88.6	36.
67.9	149.3	20651.3	50.0	-58.6	99.9	99.9	1.3	-1.3	0.2	505.5	999.9	99.9	999.9	88.2	37.
79.5	158.7	25054.9	25.0	-51.9	99.9	323.3	3.3	2.0	-2.7	635.9	999.9	99.9	999.9	86.9	37.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN

6 MAY 1975
1415 GMT

164 19.0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	268.0	972.3	22.8	19.0	140.0	4.2	-2.7	3.2	303.3	338.3	14.4	79.0	0.0	7.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.7	469.7	950.0	20.1	18.6	168.9	8.3	-1.6	8.1	299.5	337.4	14.4	91.1	0.3	33.9
1.4	10.7	700.1	925.0	18.6	17.9	183.7	10.1	0.7	10.1	300.2	337.5	14.1	95.9	0.7	34.8
2.2	12.8	935.5	900.0	17.3	16.7	195.3	11.7	3.1	11.3	301.1	336.9	13.4	96.2	1.2	35.8
3.1	15.0	1176.3	875.0	15.8	14.8	205.3	12.2	5.2	11.0	301.8	334.6	12.2	93.8	1.8	6.0
4.1	17.0	1422.8	850.0	14.4	13.2	207.6	13.2	6.1	11.7	302.7	333.4	11.3	92.7	2.6	12.0
5.0	19.3	1675.1	825.0	12.3	10.8	210.3	12.4	6.3	10.7	303.0	332.2	10.0	90.8	3.3	16.0
6.2	21.4	1933.0	800.0	12.1	-1.4	203.2	13.5	5.3	12.4	303.6	317.1	4.3	39.2	4.2	18.0
7.4	23.8	2200.3	775.0	13.7	-12.0	192.2	12.1	2.6	11.8	308.8	315.0	2.0	15.8	5.1	18.0
8.6	26.0	2474.9	750.0	11.1	-14.8	194.7	11.7	3.0	11.3	308.9	313.9	1.6	14.7	5.9	18.0
9.6	28.5	2756.5	725.0	8.8	-15.3	192.4	10.7	2.3	10.5	309.4	314.4	1.6	16.4	6.7	17.0
10.8	31.0	3045.2	700.0	7.0	-29.0	184.1	9.1	0.6	9.1	310.3	311.9	0.5	5.5	7.4	17.0
11.9	33.6	3342.7	675.0	4.5	-25.1	181.0	7.5	0.1	7.5	310.8	313.2	0.7	9.4	7.9	15.0
13.1	36.1	3648.1	650.0	1.6	-26.4	195.5	7.9	2.1	7.6	310.8	313.1	0.7	10.3	8.4	15.0
14.3	38.8	3962.1	625.0	-1.4	-25.8	215.4	10.4	6.0	8.5	310.9	313.4	0.7	13.5	9.0	16.0
15.6	41.3	4285.5	600.0	-4.4	-24.6	228.6	12.8	9.6	8.5	311.2	314.0	0.9	18.7	9.6	18.0
16.8	44.2	4619.1	575.0	-7.1	-23.9	236.5	14.5	12.1	8.0	311.8	314.9	1.0	24.5	10.7	21.0
18.0	47.1	4964.0	550.0	-9.4	-30.0	232.2	13.9	11.0	8.5	312.9	314.8	0.6	16.8	11.6	24.0
19.4	50.2	5321.2	525.0	-12.9	-32.7	227.6	12.9	9.5	8.7	312.9	314.5	0.5	17.1	12.6	26.0
20.9	53.3	5690.7	500.0	-15.9	-36.7	217.0	16.8	10.1	13.4	313.6	314.8	0.3	15.0	13.7	28.0
22.4	56.3	6076.8	475.0	-16.6	-49.7	217.8	22.1	13.6	17.5	317.3	317.7	0.1	4.7	15.6	29.0
23.8	59.7	6482.0	450.0	-18.4	-61.6	218.6	21.8	13.6	17.0	320.0	320.1	0.0	1.0	17.3	30.0
25.2	63.3	6906.1	425.0	-21.6	-63.7	219.7	22.0	14.0	16.9	321.2	321.3	0.0	1.0	19.3	31.0
26.8	66.7	7349.9	400.0	-24.9	-65.8	225.0	21.2	15.0	15.0	322.5	322.6	0.0	1.0	21.2	32.0
28.5	70.5	7816.1	375.0	-28.2	-62.5	233.9	22.4	18.1	13.2	324.2	324.3	0.0	2.5	23.5	34.0
30.4	74.3	8306.9	350.0	-32.4	-56.4	236.4	23.3	19.4	12.9	325.0	325.2	0.1	7.1	25.8	36.0
32.3	78.7	8824.7	325.0	-36.4	-58.3	233.1	20.0	16.0	12.0	326.4	326.5	0.0	8.3	28.2	37.0
34.1	83.0	9374.0	300.0	-41.4	99.9	230.7	19.4	15.0	12.3	327.0	999.9	99.9	999.9	30.1	38.0
36.1	87.5	9959.0	275.0	-46.4	99.9	224.1	20.7	14.4	14.9	328.0	999.9	99.9	999.9	32.5	39.0
38.7	93.0	10582.8	250.0	-52.0	99.9	224.6	23.7	16.7	16.9	328.8	999.9	99.9	999.9	35.5	40.0
41.0	98.3	11257.6	225.0	-56.7	99.9	223.7	18.5	12.8	13.4	331.6	999.9	99.9	999.9	38.4	40.0
43.8	104.3	11996.1	200.0	-61.2	99.9	222.6	20.1	13.6	14.8	335.9	999.9	99.9	999.9	42.0	40.0
46.9	111.0	12824.4	175.0	-59.8	99.9	237.9	11.5	9.7	6.1	351.3	999.9	99.9	999.9	45.3	41.0
50.3	118.7	13775.7	150.0	-64.1	99.9	242.7	17.7	15.7	8.1	359.8	999.9	99.9	999.9	47.5	41.0
54.4	127.7	14897.4	125.0	-60.1	99.9	266.9	20.2	20.2	1.1	385.1	999.9	99.9	999.9	51.2	43.0
59.3	137.7	16301.6	100.0	-58.7	99.9	274.1	11.9	11.9	-0.9	414.3	999.9	99.9	999.9	52.4	47.0
65.5	147.5	18101.1	75.0	-60.9	99.9	266.4	6.3	6.3	0.4	445.3	999.9	99.9	999.9	54.9	50.0
73.9	157.7	21645.2	50.0	-58.6	99.9	337.0	2.8	1.1	-2.6	505.5	999.9	99.9	999.9	54.7	52.0
87.8	167.0	25089.8	25.0	-50.3	99.9	285.7	2.9	2.8	-0.8	640.1	999.9	99.9	999.9	52.1	53.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, COLO

6 MAY 1975
1415 GMT

150 21. 0

TIME MTN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.5	1474.0	845.2	2.8	-0.5	360.0	1.0	0.0	-1.0	290.1	301.9	4.4	79.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	59.9	850.0	99.9	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	22.4	1669.2	825.0	0.6	-3.2	292.0	0.2	0.2	-0.1	289.7	299.7	3.7	75.7	0.1	173.
1.5	25.0	1915.6	800.0	-1.2	-5.4	241.9	4.4	3.9	2.1	290.3	299.1	3.2	72.7	0.1	140.
2.3	27.4	2168.2	775.0	-3.0	-7.8	250.6	7.5	7.0	2.5	290.9	298.6	2.8	69.4	0.4	79.
3.0	30.1	2427.0	750.0	-5.4	-10.5	256.0	9.1	8.8	2.2	291.0	297.5	2.3	67.4	0.7	77.
3.9	32.9	2692.4	725.0	-7.0	-13.5	260.5	8.0	7.9	1.3	292.0	297.3	1.9	60.0	1.2	77.
4.6	35.5	2965.3	700.0	-9.3	-14.5	264.4	7.0	6.9	0.7	292.4	297.5	1.8	65.7	1.5	78.
5.5	38.2	3245.2	675.0	-11.8	-15.1	277.9	6.1	6.1	-0.8	292.6	297.7	1.8	76.6	1.8	80.
6.5	40.9	3533.0	650.0	-14.1	-15.1	269.9	7.4	7.4	0.0	293.2	298.5	1.8	92.0	2.2	83.
7.5	43.9	3829.6	625.0	-16.1	-20.5	263.4	10.5	10.5	1.2	294.2	297.8	1.2	68.9	2.7	84.
8.4	46.9	4136.5	600.0	-17.6	-25.9	262.7	11.9	11.8	1.5	295.8	298.1	0.8	48.2	3.4	83.
9.4	50.0	4453.9	575.0	-19.5	-30.1	273.2	10.4	10.3	-0.6	297.2	298.9	0.5	38.1	4.1	84.
10.4	53.0	4782.4	550.0	-22.3	-32.5	284.4	8.3	8.1	-2.1	297.6	299.1	0.4	38.8	4.7	86.
11.5	56.1	5122.5	525.0	-25.0	-32.6	278.0	4.9	4.8	-0.7	298.4	299.9	0.5	48.7	5.0	87.
12.6	59.4	5475.0	500.0	-28.2	-32.6	258.8	5.2	5.1	1.0	298.6	300.2	0.5	65.9	5.3	87.
13.8	63.0	5840.4	475.0	-31.6	-36.5	258.0	6.6	6.4	1.4	298.9	300.0	0.3	61.1	5.7	86.
15.1	66.4	6220.4	450.0	-35.0	-42.7	260.7	6.5	6.4	1.0	299.2	299.8	0.2	44.9	6.3	86.
16.3	70.1	6616.3	425.0	-38.2	-44.0	284.9	2.9	2.8	-0.7	300.0	300.6	0.2	54.3	6.7	86.
17.6	73.8	7030.7	400.0	-41.6	99.9	41.5	2.3	-1.5	-1.7	300.9	999.9	99.9	999.9	6.7	87.
19.1	77.9	7464.8	375.0	-45.4	99.9	82.9	0.5	-0.5	-0.1	301.5	999.9	99.9	999.9	6.5	88.
20.6	81.8	7926.6	350.0	-43.7	99.9	248.4	7.8	7.3	2.9	309.9	999.9	99.9	999.9	6.7	87.
22.4	86.0	8427.8	325.0	-41.1	99.9	250.7	17.9	16.9	5.9	320.0	999.9	99.9	999.9	6.1	83.
24.1	90.4	8976.3	300.0	-38.8	99.9	253.0	22.0	21.0	6.4	330.7	999.9	99.9	999.9	10.1	82.
26.0	95.2	9573.7	275.0	-39.1	99.9	246.3	18.6	17.0	7.5	338.6	999.9	99.9	999.9	12.5	80.
28.2	100.2	10225.8	250.0	-40.3	99.9	245.3	19.9	18.1	6.3	340.2	999.9	99.9	999.9	14.9	77.
30.8	105.5	10941.7	225.0	-41.6	99.9	238.8	19.6	16.7	10.2	354.8	999.9	99.9	999.9	17.9	75.
33.6	111.2	11735.2	200.0	-45.4	99.9	228.8	19.8	14.9	13.1	361.0	999.9	99.9	999.9	21.3	71.
36.6	117.3	12615.9	175.0	-50.3	99.9	230.1	23.4	18.0	15.0	366.9	999.9	99.9	999.9	25.1	68.
40.4	124.3	13627.9	150.0	-51.1	99.9	240.2	15.3	13.2	7.6	382.1	999.9	99.9	999.9	29.5	66.
44.6	131.7	14802.2	125.0	-50.8	99.9	234.5	12.2	9.9	7.1	403.1	999.9	99.9	999.9	32.7	65.
49.3	139.7	16249.4	100.0	-51.5	99.9	194.1	11.4	2.8	11.1	428.2	999.9	99.9	999.9	35.1	62.
55.3	148.0	18111.5	75.0	-53.9	99.9	180.1	6.1	0.0	6.1	460.0	999.9	99.9	999.9	37.2	58.
62.8	157.3	20680.2	50.0	-56.5	99.9	287.0	3.0	2.8	-0.9	510.5	999.9	99.9	999.9	37.7	58.
73.7	167.3	25108.5	25.0	-52.2	99.9	999.9	99.9	99.9	99.9	635.1	999.9	99.9	999.9	999.9	999.9

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975
1427 GMT

160 25. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	6.2	180.0	993.1	19.8	15.0	180.0	1.0	0.0	1.0	295.0	323.6	10.9	74.0	0.3	0.
0.7	55.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	7.8	338.4	975.0	17.9	14.3	194.9	5.2	1.3	5.0	294.6	322.3	10.6	79.5	0.2	348.
1.6	10.0	560.5	950.0	17.0	13.2	203.3	10.0	4.2	9.7	295.8	322.5	10.1	78.1	0.5	9.
2.6	12.0	788.5	925.0	16.6	14.1	212.1	12.0	6.4	10.2	297.8	327.0	11.0	85.1	1.3	22.
3.4	14.3	1021.9	900.0	15.1	13.1	206.9	9.1	4.1	8.1	298.5	326.8	10.6	87.6	1.8	24.
4.3	16.4	1260.9	875.0	13.9	13.8	204.6	7.7	3.2	7.0	299.8	330.3	11.4	99.0	2.2	24.
5.2	18.6	1505.6	850.0	12.4	11.8	214.7	7.1	4.1	5.9	300.5	328.3	10.3	95.9	2.6	25.
6.2	20.8	1756.3	825.0	12.1	8.1	225.3	6.3	4.5	4.4	302.4	325.2	8.3	77.2	3.0	27.
7.3	23.3	2014.0	800.0	10.8	5.0	231.7	5.7	4.5	3.5	303.5	322.6	6.8	67.2	3.3	29.
8.2	25.6	2278.4	775.0	8.8	6.7	251.9	5.4	5.1	1.7	304.3	326.5	8.0	86.7	3.6	32.
9.3	28.0	2549.4	750.0	6.9	6.2	261.4	6.2	6.1	0.9	305.1	327.3	8.0	95.4	3.8	36.
10.3	30.6	2827.8	725.0	5.4	0.1	246.8	7.0	6.5	2.8	306.1	321.8	5.5	71.2	4.2	40.
11.4	33.2	3114.1	700.0	3.8	-6.6	247.5	4.9	4.5	1.9	307.1	316.8	3.3	45.8	4.6	42.
12.5	35.7	3408.4	675.0	1.9	-11.2	274.4	3.9	3.9	-0.3	308.0	315.3	2.4	37.2	4.7	43.
13.6	38.4	3711.5	650.0	-0.7	-10.7	284.0	5.9	5.7	-1.4	308.5	316.4	2.6	47.2	4.9	47.
14.8	41.0	4023.4	625.0	-2.5	-15.1	298.6	8.3	7.3	-4.0	309.8	315.6	1.9	37.3	5.2	52.
16.1	43.9	4345.7	600.0	-5.2	-22.3	303.1	9.9	8.3	-5.4	310.2	313.6	1.1	24.8	5.5	59.
17.2	46.9	4678.1	575.0	-8.2	-22.0	305.3	10.9	8.9	-6.3	310.5	314.1	1.1	31.9	5.8	65.
18.4	49.9	5021.4	550.0	-11.4	-18.3	297.8	11.9	10.5	-5.6	310.8	315.0	1.6	56.6	6.3	72.
19.7	52.9	5377.5	525.0	-10.9	-43.9	289.8	11.0	10.4	-3.7	315.3	316.4	0.4	12.7	7.0	77.
21.0	55.9	5751.8	500.0	-12.3	-41.6	287.1	12.2	11.7	-3.6	318.0	318.7	0.2	6.6	7.8	80.
22.5	59.3	6141.1	475.0	-15.9	-43.1	291.2	12.9	12.0	-4.7	318.3	318.9	0.2	7.5	8.8	83.
23.9	62.6	6546.0	450.0	-19.0	-44.1	296.0	12.2	11.0	-5.4	319.3	319.9	0.2	8.7	9.7	87.
25.4	66.0	6969.1	425.0	-21.7	-48.7	295.3	12.8	11.6	-5.5	321.1	321.5	0.1	6.5	10.7	90.
26.9	69.8	7412.7	400.0	-25.3	-51.1	298.4	15.1	13.3	-7.2	322.0	322.3	0.1	6.9	11.8	92.
28.5	73.8	7878.9	375.0	-27.8	-52.7	293.0	19.7	18.1	-7.7	324.7	325.0	0.1	7.2	13.3	95.
30.2	77.7	8371.3	350.0	-31.3	-55.0	287.8	24.5	23.3	-7.5	326.5	326.7	0.1	7.5	15.5	97.
32.0	81.7	8891.8	325.0	-35.4	-57.8	287.3	25.2	24.1	-7.5	327.8	328.0	0.0	7.9	18.1	99.
33.7	86.0	9443.7	300.0	-39.7	-60.8	285.6	29.5	28.4	-7.9	329.4	329.5	0.0	8.4	20.9	100.
35.7	90.8	10032.2	275.0	-45.0	99.9	282.8	35.0	34.1	-7.8	330.1	999.9	99.9	999.9	24.7	101.
37.7	95.8	10662.6	250.0	-50.1	99.9	283.4	34.4	33.5	-8.0	331.6	999.9	99.9	999.9	29.0	101.
40.0	101.0	11343.6	225.0	-54.3	99.9	284.3	40.0	38.7	-9.9	335.3	999.9	99.9	999.9	34.0	102.
42.4	107.0	12087.2	200.0	-61.3	99.9	282.1	49.6	48.5	-10.4	335.6	999.9	99.9	999.9	40.5	102.
44.8	113.3	12902.5	175.0	-67.6	99.9	292.6	42.2	38.9	-16.2	338.3	999.9	99.9	999.9	47.3	102.
47.2	120.3	13823.8	150.0	-65.9	99.9	303.2	37.8	31.6	-20.7	356.6	999.9	99.9	999.9	54.2	105.
51.5	128.0	14946.1	125.0	-61.5	99.9	294.9	23.2	21.0	-5.8	383.6	999.9	99.9	999.9	60.2	106.
56.0	136.5	16322.1	100.0	-64.8	99.9	263.1	26.0	25.8	3.1	402.5	999.9	99.9	999.9	66.2	106.
61.8	145.3	18074.2	75.0	-64.7	99.9	314.4	13.9	10.0	-9.7	437.3	999.9	99.9	999.9	74.0	105.
69.6	155.0	20577.5	50.0	-62.2	99.9	53.8	4.0	-3.3	-2.4	496.9	999.9	99.9	999.9	75.6	107.
81.1	165.0	24975.4	25.0	-51.0	99.9	999.9	99.9	99.9	99.9	638.0	999.9	99.9	999.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

6 MAY 1975
1505 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	362.0	962.9	23.3	18.6	230.0	10.0	7.7	6.4	301.6	339.4	14.2	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	10.1	479.9	950.0	22.0	16.7	260.7	3.4	3.4	0.6	301.2	335.2	12.7	71.9	0.2	32.
1.4	12.2	711.1	925.0	15.7	14.8	264.5	4.5	4.5	0.4	301.0	332.0	11.6	73.5	0.3	59.
2.4	14.5	947.0	900.0	18.3	9.4	300.8	6.0	5.1	-3.1	301.5	324.1	8.3	56.4	0.6	80.
3.3	16.5	1187.8	875.0	16.4	5.6	310.2	9.0	6.9	-5.8	301.7	319.9	6.6	49.1	0.9	99.
4.2	18.9	1433.9	850.0	15.5	-5.0	318.9	11.4	7.5	-8.6	302.8	312.0	3.2	24.3	1.4	112.
5.1	21.1	1686.2	825.0	14.3	-5.6	321.2	8.7	5.4	-6.8	304.1	313.1	3.1	24.8	2.0	122.
6.3	23.6	1945.6	800.0	13.7	-5.3	291.5	7.5	7.0	-2.7	306.2	315.7	3.2	26.4	2.5	123.
7.4	25.8	2212.5	775.0	13.2	-5.7	259.7	11.7	11.5	2.1	308.4	318.0	3.2	26.4	3.0	117.
8.7	28.4	2487.0	750.0	11.1	-7.5	254.3	13.5	13.0	3.7	309.0	317.7	2.9	26.4	3.8	108.
9.8	31.0	2768.9	725.0	9.8	-8.5	243.1	13.3	11.8	6.0	310.6	319.0	2.8	26.5	4.6	100.
11.0	33.7	3059.0	700.0	7.2	-9.1	231.2	12.3	9.6	7.7	310.8	319.1	2.7	30.2	5.3	94.
12.1	36.1	3356.6	675.0	5.0	-9.2	218.0	14.3	8.8	11.2	311.6	320.1	2.8	35.0	5.9	87.
13.3	38.9	3663.5	650.0	2.8	-6.0	208.4	18.4	8.7	16.2	312.6	323.9	3.8	52.3	6.7	79.
14.6	41.6	3979.9	625.0	0.5	-12.8	204.4	20.2	8.4	18.4	313.2	320.3	2.3	36.2	7.6	70.
15.9	44.4	4305.8	600.0	-2.4	-12.2	206.2	21.6	9.5	19.4	313.6	321.4	2.5	47.0	8.8	62.
17.1	47.3	4642.3	575.0	-4.9	-15.6	211.8	24.5	12.9	20.8	314.5	320.7	2.0	42.4	10.3	57.
18.4	50.3	4990.0	550.0	-8.0	-17.7	216.9	25.1	15.1	20.1	314.8	320.2	1.7	45.2	12.1	54.
19.7	53.3	5349.5	525.0	-11.0	-21.0	220.0	25.2	16.2	19.3	315.3	319.8	1.4	44.0	14.1	51.
21.2	56.3	5723.4	500.0	-12.2	-30.8	216.5	22.7	13.5	18.2	318.2	320.1	0.6	19.4	16.1	50.
22.7	59.7	6114.0	475.0	-14.5	-31.9	219.8	22.1	14.2	17.0	320.1	322.0	0.5	21.0	18.0	48.
24.2	63.1	6521.9	450.0	-17.1	-34.6	220.5	23.0	14.9	17.5	321.8	323.3	0.4	20.0	20.1	48.
25.7	66.6	6947.3	425.0	-21.2	-38.4	218.1	23.1	14.2	18.2	321.8	323.0	0.3	19.3	22.1	47.
27.3	70.3	7391.7	400.0	-24.9	-41.4	213.7	23.6	13.1	19.7	322.6	323.5	0.2	19.6	24.4	46.
28.9	73.9	7857.4	375.0	-28.6	-44.5	216.2	23.2	13.7	18.8	323.6	324.3	0.2	19.9	26.6	45.
30.6	78.0	8347.4	350.0	-32.4	-47.6	226.0	26.4	19.0	18.3	325.0	325.6	0.1	20.1	29.0	45.
32.3	82.0	8866.2	325.0	-36.3	-50.8	237.4	29.6	24.9	15.9	326.6	327.0	0.1	20.4	31.8	45.
34.2	86.2	9417.0	300.0	-40.4	-59.9	243.6	37.6	33.7	16.7	328.5	999.9	99.9	999.9	35.3	47.
36.1	90.8	10004.3	275.0	-45.0	-69.9	242.8	42.3	37.6	19.3	330.0	999.9	99.9	999.9	39.9	49.
38.5	95.7	10634.5	250.0	-49.6	-79.9	242.3	44.8	39.7	20.8	332.3	999.9	99.9	999.9	45.9	51.
40.9	100.8	11317.0	225.0	-54.1	-89.9	245.9	38.3	35.0	15.6	335.5	999.9	99.9	999.9	52.6	52.
43.5	106.4	12065.7	200.0	-57.7	-99.9	241.8	37.0	32.6	17.5	341.4	999.9	99.9	999.9	57.8	54.
46.0	112.3	12900.7	175.0	-60.6	-99.9	248.3	37.0	34.4	13.7	350.0	999.9	99.9	999.9	64.4	54.
49.0	118.8	13863.0	150.0	-59.5	-99.9	254.0	32.9	31.7	9.1	367.6	999.9	99.9	999.9	69.9	56.
52.3	126.0	15005.6	125.0	-57.9	-99.9	259.3	29.3	28.8	5.4	390.2	999.9	99.9	999.9	76.3	57.
56.1	134.0	16397.2	100.0	-63.4	-99.9	248.6	21.3	19.8	7.8	405.3	999.9	99.9	999.9	80.4	55.
60.9	142.0	18187.2	75.0	-63.7	-99.9	277.7	10.0	9.9	-1.4	439.3	999.9	99.9	999.9	84.1	59.
66.9	150.0	23697.3	50.0	-56.8	-99.9	245.8	3.0	2.7	1.2	509.6	999.9	99.9	999.9	83.9	55.
77.2	159.0	25126.1	25.0	-50.9	-99.9	60.1	3.3	-2.9	-1.7	638.5	999.9	99.9	999.9	81.4	60.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

6 May 1975

1800 GMT

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64 - 84

STATION NO. 232
BOOTHVILLE, LA

6 MAY 1975
1715 GMT

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TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SFC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.1	5.4	1.7	1011.3	27.8	24.2	170.0	6.2	-1.1	6.1	302.6	353.4	19.2	81.0	0.0	0.
0.5	6.3	100.8	1000.0	25.6	23.3	156.4	12.1	-4.9	11.1	301.2	349.4	18.3	87.2	0.3	335.
1.3	8.8	324.0	975.0	23.5	23.3	164.5	10.0	-2.7	9.6	301.4	351.0	18.8	98.6	0.8	337.
2.2	11.1	551.2	957.0	21.5	21.0	176.1	12.7	-0.9	12.7	301.3	345.6	16.8	97.0	1.4	343.
3.2	13.7	783.1	925.0	20.5	17.9	183.7	11.9	0.8	11.9	302.2	340.0	14.1	84.9	2.1	349.
4.2	16.0	1019.7	900.0	19.2	14.3	183.2	13.0	0.7	12.9	302.8	334.7	11.5	73.7	2.5	353.
5.1	18.7	1261.9	875.0	17.8	10.9	182.3	12.8	0.5	12.8	303.6	329.4	9.4	64.0	3.5	355.
5.8	21.1	1510.2	850.0	17.6	6.1	185.1	8.1	0.7	8.1	305.6	325.2	7.0	46.7	4.1	356.
6.8	23.8	1765.3	825.0	17.0	3.8	219.5	4.8	3.0	3.7	307.4	324.9	6.1	41.4	4.3	357.
7.7	26.3	2027.1	800.0	15.4	1.6	235.7	7.7	6.4	4.4	308.3	323.8	5.4	39.3	4.5	1.
8.7	29.1	2295.8	775.0	14.3	-2.4	228.7	9.5	7.1	6.2	309.8	322.0	4.2	31.4	4.9	6.
9.7	31.9	2571.7	750.0	12.3	-4.1	217.9	8.6	5.3	6.8	310.4	321.6	3.8	31.5	5.3	10.
10.8	34.9	2854.8	725.0	10.4	-7.4	200.4	8.4	2.9	7.8	311.3	320.4	3.0	27.7	5.8	11.
11.8	37.6	3145.7	700.0	8.3	-9.4	203.9	8.9	3.6	8.1	312.0	320.2	2.7	27.3	6.4	12.
12.9	40.5	3444.9	675.0	6.3	-7.4	233.0	10.1	8.1	6.1	313.1	322.9	3.2	36.8	6.9	14.
14.1	43.4	3753.3	650.0	3.9	-2.1	249.2	12.8	12.0	4.5	314.1	329.2	5.1	65.1	7.5	19.
15.3	46.6	4071.3	625.0	2.2	-14.0	261.3	15.2	15.0	2.3	315.2	321.7	2.1	28.9	8.1	25.
16.5	49.9	4399.6	600.0	-0.2	-17.2	267.6	20.2	20.1	0.9	316.1	321.3	1.7	26.4	8.7	32.
17.6	52.6	4738.9	575.0	-2.3	-17.9	270.0	22.5	22.5	-0.0	317.4	322.7	1.6	28.9	9.7	39.
18.9	55.7	5089.8	550.0	-5.7	-21.5	273.0	24.3	24.3	-1.3	317.5	321.6	1.2	27.3	10.8	47.
20.2	59.0	5452.2	525.0	-8.9	-17.0	272.2	27.5	27.5	-1.1	317.9	324.0	1.9	52.0	12.3	54.
21.5	62.6	5828.4	500.0	-11.7	-15.8	267.1	29.6	29.6	1.5	319.0	326.0	2.2	71.6	14.1	59.
22.8	65.9	6219.5	475.0	-14.6	-18.6	270.3	29.2	29.2	-0.1	320.1	326.0	1.9	71.6	16.1	63.
24.3	69.6	6626.7	450.0	-18.1	-21.2	271.4	28.4	28.4	-0.7	320.6	325.8	1.6	77.0	18.6	67.
25.8	73.2	7054.9	425.0	-17.6	-34.2	275.9	27.3	27.2	-2.8	326.4	328.1	0.5	21.9	20.9	70.
27.6	77.2	7506.6	400.0	-21.1	-34.6	292.4	29.8	27.6	-11.4	328.9	330.6	0.5	25.9	23.2	74.
29.3	81.1	7981.8	375.0	-23.5	-37.5	289.9	32.2	30.3	-11.0	330.4	331.9	0.4	26.2	25.9	78.
31.0	85.3	8482.7	350.0	-27.2	-39.7	292.5	34.8	32.1	-13.3	332.1	333.3	0.3	29.0	28.8	82.
32.8	89.5	9011.9	325.0	-31.5	-42.9	287.8	38.4	36.6	-11.7	333.2	334.2	0.3	31.1	32.5	85.
34.8	94.2	9572.4	300.0	-36.6	-46.4	285.1	34.2	32.0	-8.9	333.6	334.4	0.2	35.1	36.6	88.
36.7	98.8	10170.0	275.0	-41.2	99.9	283.0	39.4	38.4	-8.9	335.6	999.9	99.9	999.9	40.7	89.
39.0	103.8	10810.3	250.0	-46.0	99.9	281.3	42.7	41.9	-8.3	337.7	999.9	99.9	999.9	46.3	91.
41.2	109.2	11592.0	225.0	-52.2	99.9	283.8	43.9	42.7	-10.5	339.5	999.9	99.9	999.9	51.9	92.
43.6	114.8	12254.3	200.0	-57.7	99.9	288.4	45.5	43.2	-14.4	341.4	999.9	99.9	999.9	58.8	94.
46.3	121.0	13086.9	175.0	-62.5	99.9	284.1	41.3	40.1	-10.1	346.7	999.9	99.9	999.9	65.2	95.
49.4	127.7	14033.2	150.0	-64.0	99.9	277.1	42.9	42.6	-5.3	359.8	999.9	99.9	999.9	73.8	96.
52.8	135.3	15152.4	125.0	-65.6	99.9	288.8	47.8*	45.2	-15.4	376.3	999.9	99.9	999.9	83.2	96.
56.9	142.3	16551.7	100.0	-67.0	99.9	304.2	22.1*	18.3	-12.4	398.2	999.9	99.9	999.9	92.8	98.
62.2	150.3	18236.8	75.0	-73.0	99.9	270.6	12.7	12.7	-0.1	419.9	999.9	99.9	999.9	95.9	99.
69.7	159.5	20682.7	50.0	-59.5	99.9	91.5	7.0	-7.0	0.2	503.3	999.9	99.9	999.9	97.1	99.
82.4	169.0	25121.1	25.0	-46.9	99.9	999.9	99.9	99.9	99.9	649.8	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

[7

STATION NO. 235
JACKSON, MISS

6 MAY 1975
1800 GMT

151 15. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	4.5	100.0	999.3	23.3	20.8	170.0	7.2	-1.3	7.1	298.6	339.8	15.7	86.0	0.0	0.0
0.0	90.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	6.1	314.4	975.0	20.8	18.9	158.0	10.2	-3.8	9.4	299.0	335.4	14.2	88.5	0.3	34.0
1.2	8.1	539.4	950.0	19.4	17.1	165.8	14.6	-3.0	14.1	298.6	333.2	13.1	86.8	0.7	340.0
1.9	10.1	769.8	925.0	19.8	13.9	175.1	19.1	-1.6	19.0	301.0	330.4	10.9	69.1	1.5	346.0
2.6	11.9	1006.0	900.0	18.9	10.4	181.7	18.6	0.5	18.6	302.1	326.3	8.8	57.8	2.3	350.0
3.6	13.9	1247.6	875.0	17.5	10.0	192.3	15.8	3.4	15.4	303.2	327.6	8.9	61.6	3.2	355.0
4.4	15.9	1494.9	850.0	15.8	8.9	208.3	11.2	5.3	9.8	303.8	327.1	8.5	63.5	3.8	359.0
5.3	18.0	1747.8	825.0	13.7	9.8	223.6	11.8	8.1	6.5	304.3	329.8	9.3	77.4	4.3	4.0
6.2	20.1	2007.2	800.0	11.7	10.7	242.3	13.9	12.3	6.4	305.0	333.0	10.2	93.8	4.8	10.0
7.2	22.2	2273.2	775.0	10.5	9.4	253.4	14.8	14.2	4.2	306.4	333.3	9.7	93.2	5.3	18.0
8.1	24.5	2543.6	750.0	8.6	2.4	258.3	14.7	14.4	3.0	306.7	324.0	6.1	65.1	5.8	26.0
9.2	26.5	2826.0	725.0	7.2	1.3	263.5	12.0	11.9	1.4	309.1	324.8	5.8	65.9	6.3	32.0
10.2	28.9	3114.3	700.0	6.1	-0.6	272.3	9.5	9.5	-0.4	310.0	325.3	5.0	62.1	6.7	36.0
11.3	31.4	3412.2	675.0	4.8	-3.3	275.9	7.9	7.9	-0.8	311.6	324.7	4.5	55.8	7.0	41.0
12.3	33.9	3719.2	650.0	3.4	-8.2	295.4	6.9	6.2	-3.0	313.2	322.9	3.2	42.3	7.2	43.0
13.3	36.2	4037.3	625.0	2.7	-16.0	310.4	8.5	6.5	-5.5	315.7	321.3	1.8	23.8	7.3	47.0
14.3	38.9	4365.7	600.0	-0.3	-16.6	306.3	9.7	7.8	-5.8	316.0	321.5	1.7	28.0	7.4	51.0
15.4	41.3	4704.1	575.0	-3.5	-16.5	300.4	10.4	8.9	-5.2	316.1	321.9	1.8	35.6	7.6	56.0
16.7	44.1	5053.3	550.0	-6.5	-22.4	296.5	11.8	10.5	-5.3	316.4	320.2	1.1	27.0	8.0	61.0
17.9	46.9	5416.9	525.0	-6.7	-29.1	289.7	14.3	13.4	-4.8	320.4	322.6	0.6	14.8	8.7	67.0
19.3	49.9	5795.5	500.0	-9.3	-38.7	294.3	16.6	15.2	-6.8	321.7	322.6	0.3	7.1	9.6	72.0
20.5	52.6	6190.5	475.0	-11.7	-40.5	293.8	17.4	15.9	-7.0	323.5	324.3	0.2	7.0	10.5	76.0
21.9	55.7	6601.5	450.0	-15.7	-43.0	291.6	18.1	16.8	-6.7	323.5	324.2	0.2	7.4	11.8	81.0
23.3	58.8	7029.5	425.0	-19.4	-45.4	291.0	19.2	17.9	-6.9	324.1	324.7	0.2	7.8	13.2	84.0
24.7	62.1	7476.8	400.0	-22.5	-44.9	280.2	24.2	23.8	-4.3	325.7	326.3	0.2	10.9	14.7	87.0
26.2	65.6	7949.7	375.0	-24.2	-47.5	281.5	27.6	27.0	-5.5	329.5	330.1	0.1	9.5	17.2	88.0
27.9	69.2	8448.5	350.0	-27.9	-50.9	286.7	31.7	30.4	-9.1	331.1	331.4	0.1	9.0	19.9	91.0
29.6	72.9	8976.6	325.0	-32.2	-50.0	283.7	34.9	33.9	-8.2	332.3	332.7	0.1	14.9	23.5	93.0
31.4	76.9	9535.6	300.0	-37.1	-53.9	277.8	31.7	31.4	-4.3	333.0	333.3	0.1	15.3	27.3	94.0
33.5	81.0	10130.6	275.0	-42.2	-59.9	275.3	35.5	35.4	-3.3	334.1	999.0	99.9	999.9	31.3	94.0
35.6	85.5	10768.1	250.0	-47.1	-69.9	267.4	30.0	29.9	1.4	336.0	999.9	99.9	999.9	35.4	94.0
37.8	90.2	11458.0	225.0	-52.0	-99.9	261.7	25.2	24.9	3.6	338.9	999.9	99.9	999.9	38.7	93.0
39.9	95.4	12211.4	200.0	-57.3	-99.9	278.2	33.5	33.2	-4.8	342.0	999.9	99.9	999.9	42.7	93.0
42.8	101.0	13042.3	175.0	-64.2	-99.9	274.2	38.4	38.3	-2.8	344.0	999.9	99.9	999.9	48.6	94.0
46.3	107.5	13980.5	150.0	-66.2	-99.9	270.2	41.8	41.8	-0.1	356.2	999.9	99.9	999.9	56.6	93.0
50.1	114.3	15094.7	125.0	-63.4	-99.9	283.2	43.7	42.6	-10.0	380.2	999.9	99.9	999.9	66.7	93.0
54.9	122.7	16458.0	100.0	-62.6	-99.9	282.5	25.7	25.1	-5.6	406.8	999.9	99.9	999.9	77.9	95.0
60.6	131.5	18217.8	75.0	-68.4	-99.9	289.7	23.6	22.2	-8.0	429.4	999.9	99.9	999.9	82.9	95.0
68.4	141.0	20720.3	50.0	-56.8	-99.9	30.0	2.2	-1.4	-1.7	505.6	999.9	99.9	999.9	82.8	96.0
80.9	150.5	25184.6	25.0	-47.3	-99.9	309.7	4.9	3.8	-3.1	649.0	999.9	99.9	999.9	81.2	96.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

6 MAY 1975
1715 GMT

165 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG	
0.0	4.3	5.0	1007.6	27.8	23.4	160.0	7.2	-2.5	6.2	302.8	351.3	18.3	77.0	0.0	0.	
0.2	5.0	72.3	1000.0	26.6	22.6	162.6	10.2	-3.0	9.7	302.2	348.8	17.6	78.8	0.3	344.	
1.0	6.8	295.9	975.0	24.2	21.0	163.7	8.9	-2.5	8.5	301.7	345.0	16.3	82.4	0.6	343.	
1.8	9.0	523.2	950.0	21.8	20.7	165.9	9.4	-2.3	9.1	301.5	344.9	16.4	93.3	1.0	344.	
2.5	11.0	755.0	925.0	20.3	19.3	177.1	8.4	-0.4	8.4	302.1	343.2	15.5	94.2	1.5	345.	
3.5	13.3	991.3	900.0	18.0	15.7	158.3	7.0	2.2	6.6	301.8	335.6	12.6	86.4	1.8	351.	
4.3	15.5	1232.8	875.0	16.9	14.5	211.9	8.8	4.6	7.4	303.0	335.3	12.0	85.6	2.1	356.	
5.1	17.7	1487.7	850.0	17.1	13.9	220.4	11.7	7.6	8.9	305.6	338.1	11.9	81.6	2.5	4.	
5.8	20.1	1736.4	825.0	18.0	9.9	222.2	14.6	9.8	10.8	308.8	335.1	9.4	59.4	3.0	11.	
6.7	22.3	2000.2	800.0	18.1	1.8	231.4	12.1	9.5	7.6	311.2	327.4	5.6	34.3	3.6	17.	
7.5	24.8	2270.9	775.0	16.3	-6.6	249.1	10.0	9.3	3.6	311.7	320.9	3.0	20.2	4.0	22.	
8.5	27.2	2548.2	750.0	14.0	-9.9	270.5	9.6	9.6	-0.1	312.1	319.5	2.4	18.1	4.4	28.	
9.4	29.8	2832.7	725.0	12.1	-11.3	289.6	10.8	10.2	-3.6	313.0	319.9	2.2	18.2	4.6	35.	
10.5	32.6	3124.6	700.0	9.1	-11.6	293.4	11.7	10.8	-4.7	312.8	319.8	2.3	21.6	4.7	44.	
11.5	35.3	3424.3	675.0	6.5	-13.7	292.0	12.4	11.5	-4.6	313.1	319.3	2.0	21.9	5.1	52.	
12.5	38.0	3732.0	650.0	3.5	-16.1	290.1	12.8	12.0	-4.4	313.1	318.4	1.7	22.1	5.5	59.	
13.6	40.8	4049.2	625.0	1.5	-19.3	273.8	13.6	13.6	-0.9	314.3	318.6	1.3	19.4	6.1	64.	
14.7	43.8	4376.1	600.0	-1.2	-20.5	266.2	16.6	16.5	1.1	314.9	318.9	1.2	21.3	7.0	67.	
15.0	46.9	4713.8	575.0	-3.1	-16.7	264.2	20.9	20.8	2.1	316.6	322.3	1.8	34.0	8.2	70.	
17.2	50.1	5064.3	550.0	-6.0	-14.2	254.4	24.9	24.0	6.7	317.3	324.5	2.3	52.0	10.1	72.	
18.6	53.1	5427.3	525.0	-8.6	-14.7	250.2	27.2	25.6	9.2	318.3	325.7	2.3	61.1	12.2	72.	
19.9	56.4	5804.1	500.0	-9.9	-43.4	254.7	24.1	23.2	6.4	321.0	321.6	0.2	4.4	14.4	72.	
21.2	60.0	6199.5	475.0	-10.6	-43.8	257.3	19.6	19.1	4.3	324.8	325.4	0.2	4.5	16.1	72.	
22.6	63.7	6612.6	450.0	-13.7	-45.4	262.2	15.5	15.4	2.1	325.9	326.5	0.1	4.8	17.5	73.	
24.0	67.4	7044.1	425.0	-17.3	-47.4	267.0	17.4	17.4	0.9	326.8	327.2	0.1	5.2	18.8	74.	
25.4	71.2	7495.4	400.0	-20.5	-48.4	267.8	19.9	19.9	0.8	328.3	328.7	0.1	6.2	20.4	75.	
27.1	75.5	7969.2	375.0	-24.9	-47.5	264.2	23.6	23.5	2.4	328.6	329.2	0.1	10.1	22.5	76.	
28.7	79.8	8466.5	350.0	-29.1	-50.5	268.3	24.8	24.8	0.7	329.5	329.9	0.1	10.5	24.8	77.	
30.7	84.3	8992.6	325.0	-32.9	-50.0	269.8	28.0	28.0	0.1	331.3	331.7	0.1	16.1	27.8	78.	
32.7	89.0	9550.2	300.0	-37.4	-46.3	269.5	32.5	32.5	0.3	332.6	333.4	0.2	38.3	31.4	80.	
34.7	94.3	10144.9	275.0	-42.4	99.9	265.3	33.5	33.4	2.8	333.8	999.9	99.9	999.9	35.6	81.	
36.9	99.5	10782.4	250.0	-46.8	99.9	262.0	39.6	39.2	5.5	336.5	999.9	99.9	999.9	40.6	81.	
39.5	105.3	11472.0	225.0	-52.4	99.9	265.3	44.2	44.0	3.6	338.3	999.9	99.9	999.9	46.7	81.	
42.1	111.5	12225.3	200.0	-57.2	99.9	273.9	40.1	40.0	-2.7	342.3	999.9	99.9	999.9	53.6	82.	
45.1	118.0	13061.9	175.0	-61.5	99.9	273.5	34.1	34.1	-2.1	348.4	999.9	99.9	999.9	60.5	84.	
48.4	125.3	14015.0	150.0	-63.1	99.9	264.2	35.7	35.5	3.6	361.4	999.9	99.9	999.9	67.8	84.	
52.3	133.0	15128.9	125.0	-66.0	99.9	273.4	44.0	43.9	-2.6	375.5	999.9	99.9	999.9	77.3	84.	
57.3	141.0	15467.5	100.0	-69.8	99.9	277.9	26.1	25.8	-3.6	392.8	999.9	99.9	999.9	82.7	87.	
62.8	149.3	18191.4	75.0	-72.2	99.9	273.3	19.6	19.5	-1.1	421.6	999.9	99.9	999.9	93.2	88.	
70.5	157.5	20660.8	50.0	-60.4	99.9	73.3	3.5	3.5	-3.4	-1.0	501.1	999.9	99.9	999.9	94.4	88.
82.9	166.5	25117.7	25.0	-48.5	99.9	5.0	3.1	-0.3	-3.1	645.4	999.9	99.9	999.9	92.9	89.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

6 MAY 1975
1736 GMT

160 29.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	79.0	998.6	25.0	21.1	150.9	5.2	-2.6	4.5	300.4	342.7	16.0	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	6.5	289.9	975.0	23.8	21.6	174.3	5.9	-0.6	5.9	301.4	346.1	16.9	87.4	0.3	347.
1.6	8.6	517.4	950.0	22.1	21.0	195.6	6.8	1.8	6.6	301.9	346.3	16.7	93.3	0.6	357.
2.6	10.6	749.7	925.0	21.0	19.3	211.6	9.7	5.1	8.3	302.8	344.2	15.5	90.4	1.0	9.
3.5	12.8	987.2	900.0	19.7	17.6	212.3	10.5	5.6	8.9	303.8	342.0	14.2	87.3	1.5	18.
4.5	15.1	1230.3	875.0	18.6	14.6	213.7	11.7	6.5	9.7	304.7	337.5	12.1	77.5	2.2	22.
5.6	17.3	1479.5	850.0	17.8	12.6	219.7	9.8	6.3	7.6	306.3	336.3	10.9	71.6	2.9	26.
6.6	19.7	1734.9	825.0	16.5	10.9	225.7	7.8	5.6	5.4	307.4	335.1	10.0	69.4	3.4	29.
7.6	21.8	1996.9	800.0	15.3	8.6	214.3	5.4	3.1	4.5	308.6	333.5	8.9	64.5	3.8	30.
8.8	24.4	2255.7	775.0	13.4	6.6	190.9	2.4	0.5	2.3	309.3	331.9	8.0	63.6	4.1	29.
9.9	26.6	2541.6	750.0	12.8	-1.4	248.4	1.5	1.4	0.6	311.0	324.7	4.6	37.4	4.2	29.
11.1	29.2	2825.0	725.0	10.4	-10.0	319.1	3.0	2.0	-2.3	311.2	318.8	2.5	22.6	4.2	31.
12.2	31.7	3115.9	700.0	8.5	-14.0	334.2	5.3	2.3	-4.8	312.1	317.9	1.8	18.6	4.1	35.
13.6	34.3	3414.9	675.0	5.9	-15.9	331.0	5.9	2.9	-5.2	312.5	317.6	1.6	19.1	3.8	41.
14.9	36.9	3722.2	650.0	3.7	-19.4	305.8	4.0	3.2	-2.3	313.3	317.3	1.3	16.6	3.8	47.
16.2	39.6	4039.6	625.0	1.7	-20.9	274.4	6.2	6.2	-6.5	314.5	318.2	1.2	16.7	3.9	52.
17.6	42.2	4366.7	600.0	-1.2	-22.2	265.1	8.9	8.9	0.8	314.9	318.4	1.1	18.4	4.5	56.
18.7	45.1	4704.1	575.0	-4.2	-22.6	264.5	10.5	10.4	1.0	315.2	318.7	1.1	22.0	5.1	60.
19.9	48.0	5052.6	550.0	-7.2	-24.6	259.2	11.6	11.4	2.2	315.6	318.7	0.9	23.4	5.8	63.
21.2	50.9	5414.0	525.0	-8.8	-28.5	253.7	15.6	15.0	4.4	317.9	320.2	0.7	18.4	6.9	65.
22.6	54.1	5790.7	500.0	-10.3	-30.8	246.5	18.5	17.0	7.4	320.6	322.6	0.6	16.6	8.3	66.
24.2	57.0	6184.5	475.0	-12.0	-33.4	240.2	19.4	16.8	9.6	323.2	324.8	0.5	14.8	10.2	65.
25.7	60.4	6596.6	450.0	-14.3	-35.2	247.0	17.5	16.1	6.8	325.3	326.8	0.4	14.9	11.9	65.
27.3	63.9	7027.8	425.0	-17.2	-36.9	262.4	16.5	16.3	2.2	326.9	328.2	0.4	16.1	13.4	66.
28.9	67.2	7478.8	400.0	-21.2	-39.4	268.6	21.6	21.6	0.5	327.4	328.5	0.3	17.4	15.1	68.
30.5	70.8	7952.1	375.0	-24.9	-40.0	270.7	25.6	25.6	-0.3	328.7	329.8	0.3	22.7	17.2	71.
32.3	74.5	8449.3	350.0	-29.4	-39.7	266.1	28.4	28.4	1.9	329.1	330.4	0.3	35.5	19.9	73.
34.0	78.5	8974.2	325.0	-33.4	-42.4	263.9	37.7	37.5	4.0	330.6	331.6	0.3	39.5	23.1	75.
35.8	82.4	9537.8	300.0	-38.0	-45.8	265.8	32.6	32.5	2.4	331.7	332.5	0.2	43.1	27.0	77.
37.9	86.7	10123.6	275.0	-43.2	99.9	261.8	36.1	35.7	5.2	332.5	999.9	99.9	999.9	31.5	78.
40.3	91.4	10759.3	250.0	-47.8	99.9	263.0	33.9	33.6	4.2	335.0	999.9	99.9	999.9	36.6	78.
42.9	96.3	11447.4	225.0	-51.5	99.9	265.4	36.7	36.5	2.9	339.6	999.9	99.9	999.9	42.0	79.
45.4	101.6	12203.5	200.0	-56.8	99.9	269.7	33.8	33.8	0.2	342.9	999.9	99.9	999.9	47.7	80.
48.1	107.5	13038.9	175.0	-61.5	99.9	264.4	33.5	33.3	3.3	348.4	999.9	99.9	999.9	53.5	81.
51.4	114.0	13995.1	150.0	-61.7	99.9	258.0	31.7	31.0	6.6	363.8	999.9	99.9	999.9	59.9	81.
55.2	121.3	15123.7	125.0	-62.7	99.9	274.7	43.0	42.9	-3.5	381.4	999.9	99.9	999.9	69.1	81.
59.7	129.7	16479.2	100.0	-65.7	99.9	272.0	35.9	35.8	-1.3	400.9	999.9	99.9	999.9	78.6	83.
65.5	139.0	18229.2	75.0	-65.0	99.9	349.4	6.8	1.3	-6.7	436.6	999.9	99.9	999.9	85.4	85.
73.4	149.3	20734.2	50.0	-58.0	99.9	300.6	5.5	4.7	-2.8	506.9	999.9	99.9	999.9	84.9	85.
86.0	160.7	25206.7	25.0	-49.2	99.9	271.0	10.1	10.1	-0.2	643.7	999.9	99.9	999.9	82.5	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
 BROWNSVILLE, TEX

6 MAY 1975
 1800 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	7.0	1003.2	31.1	23.5	170.0	7.2	-1.3	7.1	30.5	356.3	18.5	64.0	0.0	0.
0.1	4.8	35.7	1000.0	29.7	22.5	999.9	99.9	99.9	99.9	305.2	352.3	17.5	65.7	999.9	999.
1.0	5.5	261.3	975.0	26.7	22.9	999.9	99.9	99.9	99.9	304.5	353.7	18.4	80.0	999.9	999.
1.8	6.6	491.0	950.0	24.3	22.0	999.9	99.9	99.9	99.9	304.3	351.8	17.8	86.9	999.9	999.
2.8	10.6	725.2	925.0	22.6	21.2	999.9	99.9	99.9	99.9	304.8	351.4	17.4	91.4	999.9	999.
3.7	12.6	964.2	900.0	20.9	18.2	999.9	99.9	99.9	99.9	305.0	345.4	15.0	85.3	999.9	999.
4.5	14.7	1210.6	875.0	25.4	11.6	999.9	99.9	99.9	99.9	311.6	339.5	9.9	42.0	999.9	999.
5.4	16.7	1464.7	850.0	23.6	9.0	999.9	99.9	99.9	99.9	312.1	336.3	8.5	39.2	999.9	999.
6.3	18.9	1724.8	825.0	22.5	5.8	999.9	99.9	99.9	99.9	313.3	333.7	7.0	33.8	999.9	999.
7.1	21.0	1991.6	800.0	21.4	2.1	999.9	99.9	99.9	99.9	314.7	331.2	5.6	27.9	999.9	999.
8.0	23.3	2265.6	775.0	19.4	-2.2	999.9	99.9	99.9	99.9	315.3	328.0	4.2	23.1	999.9	999.
9.9	25.5	2546.6	750.0	17.8	-3.5	999.9	99.9	99.9	99.9	316.4	328.4	3.9	23.2	999.9	999.
10.0	27.9	2835.1	725.0	15.8	-5.1	999.9	99.9	99.9	99.9	317.2	328.3	3.6	23.3	999.9	999.
11.0	30.2	3131.6	700.0	13.3	-3.9	999.9	99.9	99.9	99.9	317.8	330.4	4.1	30.1	999.9	999.
12.0	32.7	3436.2	675.0	10.8	-4.0	206.8	13.5	6.1	12.0	318.2	331.1	4.2	35.1	6.9	28.
13.0	35.1	3749.2	650.0	8.0	-7.0	208.6	13.2	6.3	11.6	318.5	329.2	3.5	33.5	7.7	28.
14.1	37.7	4071.1	625.0	5.3	-12.3	211.9	12.6	6.6	10.7	318.8	326.4	2.4	27.0	8.5	28.
15.2	40.3	4403.4	600.0	3.1	-15.5	218.9	13.2	8.3	10.3	319.9	326.0	1.9	24.0	9.4	29.
16.4	42.9	4745.9	575.0	0.1	-17.8	222.7	14.5	9.8	10.6	320.3	325.6	1.6	24.3	10.3	30.
17.5	45.9	5099.6	550.0	-3.4	-22.8	227.5	14.6	10.7	9.8	320.1	323.8	1.1	20.6	11.4	31.
18.8	48.8	5465.5	525.0	-6.5	-25.2	240.1	14.2	12.3	7.1	320.7	323.9	0.9	20.8	12.4	33.
20.1	51.6	5844.6	500.0	-9.5	-19.6	252.0	15.8	15.0	4.9	321.6	326.9	1.6	43.9	13.3	36.
21.2	54.6	6238.6	475.0	-12.3	-30.6	255.9	18.1	17.5	4.4	322.8	325.0	0.6	19.9	14.2	39.
22.5	57.6	6650.7	450.0	-13.6	-32.7	254.0	20.7	19.9	5.7	326.2	328.1	0.5	18.1	15.5	42.
24.0	61.0	7083.0	425.0	-16.7	-35.6	244.1	21.0	18.9	9.2	327.6	329.1	0.4	17.5	17.0	45.
25.5	64.4	7535.6	400.0	-20.3	-38.8	246.2	20.1	18.4	8.1	328.5	329.7	0.3	17.3	19.0	47.
27.2	67.9	8010.8	375.0	-23.1	-41.8	248.8	22.0	20.5	8.0	330.9	331.9	0.3	16.2	20.8	49.
28.7	71.3	8513.9	350.0	-26.1	-42.2	243.6	25.5	22.8	11.3	333.5	334.5	0.3	20.1	23.0	51.
30.3	75.2	9045.1	325.0	-30.8	-45.2	245.9	27.0	24.7	11.0	334.2	335.0	0.2	22.6	25.4	52.
32.0	79.5	9608.3	300.0	-35.3	-49.2	247.3	31.0	28.6	12.0	335.5	336.0	0.1	22.3	28.3	54.
33.7	83.5	10208.4	275.0	-40.1	99.9	243.9	32.2	29.0	14.2	337.1	999.9	99.9	999.9	31.4	55.
35.8	88.0	10850.1	250.0	-46.0	99.9	245.7	31.8	29.0	13.1	337.7	999.9	99.9	999.9	35.3	56.
38.1	93.0	11542.1	225.0	-51.9	99.9	249.3	38.3	35.9	13.5	338.9	999.9	99.9	999.9	40.5	57.
40.8	98.0	12256.0	200.0	-57.7	99.9	255.9	42.6	41.3	10.4	341.4	999.9	99.9	999.9	46.4	60.
43.8	103.8	13132.6	175.0	-59.7	99.9	260.8	41.9	41.4	6.7	351.3	999.9	99.9	999.9	53.7	62.
47.0	110.2	14087.8	150.0	-63.2	99.9	254.9	39.2	37.9	10.2	361.2	999.9	99.9	999.9	60.6	64.
51.0	117.0	15195.3	125.0	-67.5	99.9	261.9	35.0	34.6	4.9	372.8	999.9	99.9	999.9	68.4	66.
55.2	125.3	16528.0	100.0	-71.9	99.9	267.1	16.5	16.4	0.8	388.9	999.9	99.9	999.9	73.6	67.
60.6	135.0	18191.2	75.0	-77.8	99.9	289.0	12.0	11.3	-3.9	409.8	999.9	99.9	999.9	76.6	69.
68.3	145.0	20674.7	50.0	-60.7	99.9	54.7	5.2	-4.3	-3.0	500.4	999.9	99.9	999.9	75.9	69.
81.0	156.5	25136.6	25.0	-49.0	99.9	68.8	5.7	-5.3	-2.1	644.2	999.9	99.9	999.9	73.1	69.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
 VICTORIA, TEX

6 MAY 1975
 1715 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCWF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	33.0	1000.8	28.3	22.3	180.0	5.2	0.0	5.2	303.7	349.7	17.2	70.0	0.0	0.
0.0	5.0	40.2	1000.0	28.2	22.3	179.7	5.1	-0.0	5.1	303.7	349.6	17.2	70.1	0.0	0.
0.6	6.8	265.2	975.0	26.0	21.3	175.1	4.0	-0.3	4.9	303.6	347.9	16.6	75.4	0.2	1.
1.1	8.9	494.2	950.0	23.8	21.2	184.3	4.2	0.3	4.2	303.6	348.9	17.0	85.6	0.3	0.
1.7	10.7	727.4	925.0	21.1	20.0	191.6	5.5	1.1	5.4	303.1	346.2	16.2	93.3	0.5	3.
2.4	12.7	965.2	900.0	19.8	18.7	188.0	7.5	1.0	7.4	304.0	345.1	15.3	93.3	0.7	6.
3.3	14.9	1209.4	875.0	18.9	15.9	174.6	9.1	-0.9	9.0	305.2	341.0	13.2	82.7	1.2	5.
4.0	16.8	1460.5	850.0	23.8	3.6	162.3	9.1	-2.8	8.7	311.9	328.9	5.8	26.8	1.6	0.
4.9	19.1	1720.4	825.0	22.5	2.0	152.1	8.4	-3.9	7.4	313.1	328.9	5.4	25.8	2.0	356.
5.7	21.1	1986.9	800.0	20.9	-7.0	146.6	9.0	-5.0	7.5	313.8	322.5	2.8	14.6	2.4	351.
6.6	23.3	2260.0	775.0	18.9	-7.5	154.3	6.9	-3.0	6.2	314.6	323.2	2.8	15.9	2.8	347.
7.6	25.6	2540.1	750.0	16.6	-8.6	167.8	5.2	-1.1	5.1	314.9	323.2	2.7	17.0	3.2	347.
8.6	27.9	2926.8	725.0	14.1	-6.8	169.8	4.7	-0.8	4.6	315.3	325.1	3.2	22.9	3.4	347.
9.5	30.3	3121.1	700.0	11.1	-5.2	183.0	4.7	0.2	4.7	315.3	326.5	3.7	31.2	3.7	347.
10.7	32.9	3423.4	675.0	9.1	-12.1	210.0	5.4	2.7	4.7	316.1	323.2	2.3	21.1	4.1	350.
11.7	35.4	3734.4	650.0	6.3	-13.4	218.4	6.2	3.9	4.9	316.4	322.9	2.1	22.7	4.3	354.
12.8	38.0	4054.1	625.0	3.5	-14.5	215.3	8.1	4.7	6.6	316.7	323.0	2.0	25.2	4.6	358.
13.9	40.5	4383.9	600.0	0.5	-9.6	208.0	11.3	5.3	9.9	317.1	326.6	3.1	46.6	5.2	2.
15.1	43.2	4723.6	575.0	-2.6	-5.7	208.6	13.1	6.3	11.5	317.5	330.7	4.3	79.1	5.9	5.
16.2	46.1	5074.8	550.0	-5.4	-10.2	214.2	15.1	8.5	12.5	318.0	328.0	3.2	69.2	6.8	8.
17.4	49.1	5438.2	525.0	-8.4	-15.3	222.1	18.5	12.4	13.7	318.6	325.6	2.2	57.6	7.9	13.
18.7	52.0	5815.0	500.0	-10.9	-34.6	236.3	20.7	17.3	11.5	319.7	321.1	0.4	12.1	9.2	18.
20.0	55.0	6207.7	475.0	-12.6	-38.8	241.5	21.9	19.2	10.4	322.3	323.3	0.3	9.0	10.4	25.
21.5	58.1	6618.3	450.0	-15.3	-38.6	244.0	21.2	19.1	9.3	324.0	325.1	0.3	11.5	12.0	30.
22.8	61.5	7048.0	425.0	-18.0	-40.5	245.9	22.6	20.6	9.2	325.9	326.9	0.3	11.7	13.6	35.
24.4	65.0	7498.3	400.0	-21.0	-42.7	242.4	25.0	22.1	11.6	327.7	328.5	0.2	12.0	15.5	38.
26.1	68.4	7972.1	375.0	-24.3	-45.2	251.9	26.5	25.1	8.2	329.4	330.0	0.2	12.4	17.9	43.
27.9	72.0	8470.5	350.0	-28.4	-48.2	257.8	27.3	26.7	5.8	330.4	330.9	0.1	12.8	20.4	47.
29.9	76.0	8966.9	325.0	-32.4	-51.3	256.5	32.8	31.9	7.6	331.9	332.3	0.1	13.2	23.4	52.
31.9	80.3	9557.3	300.0	-36.5	-54.4	250.3	37.3	35.1	12.6	333.8	334.1	0.1	13.6	27.5	55.
34.0	84.4	10154.6	275.0	-40.8	99.9	254.5	36.1	34.8	9.6	336.1	999.9	99.9	999.9	31.6	57.
36.1	89.0	10794.8	250.0	-46.4	99.9	255.0	41.4	39.9	10.7	337.1	999.9	99.9	999.9	36.5	60.
38.5	94.2	11484.7	225.0	-52.4	99.9	260.0	41.5	40.9	7.2	338.3	999.9	99.9	999.9	42.1	62.
41.1	99.5	12238.0	200.0	-56.3	99.9	257.9	46.5	45.5	5.8	343.6	999.9	99.9	999.9	49.2	65.
44.2	105.3	13079.1	175.0	-59.9	99.9	255.5	45.3	43.8	11.3	351.1	999.9	99.9	999.9	57.7	66.
47.9	112.0	14036.3	150.0	-61.4	99.9	252.9	35.3	33.7	10.4	364.3	999.9	99.9	999.9	66.5	67.
51.8	119.3	15154.3	125.0	-66.2	99.9	265.8	39.2	39.1	2.8	375.2	999.9	99.9	999.9	75.6	68.
56.9	126.0	16501.5	100.0	-68.9	99.9	278.5	24.2	23.9	-3.6	394.7	999.9	99.9	999.9	84.0	71.
62.8	137.5	18195.5	75.0	-74.7	99.9	295.9	8.9	8.0	-3.9	416.2	999.9	99.9	999.9	89.8	73.
71.2	147.5	20666.0	50.0	-60.2	99.9	327.3	3.5	1.9	-3.0	501.8	999.9	99.9	999.9	88.7	73.
85.0	158.5	25121.8	25.0	-49.5	99.9	356.4	1.0	0.1	-1.0	642.5	999.9	99.9	999.9	88.1	74.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX

6 MAY 1975
1715 GMT

161 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	399.0	960.5	26.0	15.1	310.0	5.2	4.0	-3.3	304.2	335.0	11.3	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	10.0	495.7	950.0	24.5	15.3	312.5	5.9	4.4	-4.0	303.6	335.1	11.6	56.7	0.2	130.
1.1	12.5	728.3	925.0	21.2	13.3	319.0	6.4	4.2	-4.8	302.4	330.8	10.5	60.8	0.4	132.
1.9	14.9	965.0	900.0	18.9	11.9	332.0	6.2	2.9	-5.5	302.4	329.0	9.8	63.5	0.7	138.
2.7	17.1	1206.9	875.0	17.6	8.3	320.8	5.4	3.4	-4.2	303.1	325.0	7.9	54.7	1.0	142.
3.7	19.6	1455.0	850.0	18.2	4.8	281.4	7.2	7.1	-1.4	306.1	324.1	6.4	41.1	1.3	138.
4.5	21.9	1710.3	825.0	17.4	7.5	254.7	10.3	9.9	2.7	308.1	330.5	8.0	52.3	1.6	125.
5.3	24.4	1972.6	800.0	15.3	7.7	244.0	10.7	9.6	4.7	308.6	331.9	8.3	60.5	1.9	111.
6.3	26.9	2240.9	775.0	12.9	5.8	242.5	11.3	10.0	5.2	308.6	329.9	7.5	62.2	2.4	101.
7.2	29.6	2516.3	750.0	11.5	4.6	230.5	13.1	10.1	8.4	310.0	330.3	7.1	62.5	2.9	92.
8.2	32.3	2799.3	725.0	9.8	3.0	221.2	15.4	10.1	11.6	311.1	330.1	6.6	62.8	3.6	81.
9.0	35.1	3089.9	700.0	7.5	-0.5	214.1	15.9	8.9	13.1	311.5	326.9	5.3	56.7	4.2	74.
10.0	37.8	3388.8	675.0	6.0	-9.1	204.9	15.8	6.7	14.4	312.7	321.5	2.9	33.4	4.9	66.
11.0	40.6	3697.1	650.0	4.1	-12.6	201.6	16.1	5.9	15.0	313.9	320.8	2.2	28.3	5.7	59.
12.1	43.4	4014.5	625.0	1.4	-13.8	205.4	17.0	7.3	15.3	314.3	320.9	2.1	31.1	6.5	54.
13.1	46.5	4341.4	600.0	-1.8	-14.5	211.6	18.4	9.6	15.6	314.3	320.8	2.1	36.9	7.5	50.
14.2	49.6	4678.3	575.0	-4.8	-14.7	217.6	19.9	12.1	15.8	314.6	321.2	2.1	45.5	8.7	48.
15.2	52.6	5026.4	550.0	-7.7	-15.6	222.9	21.9	14.9	16.0	315.2	321.7	2.1	53.1	10.0	47.
16.3	55.7	5386.5	525.0	-10.6	-20.4	223.1	22.6	15.4	16.5	315.9	320.5	1.4	44.3	11.5	47.
17.4	59.0	5760.6	500.0	-12.3	-33.8	219.3	19.8	12.6	15.4	316.1	319.6	0.4	14.5	12.9	46.
18.7	62.6	6151.2	475.0	-14.8	-37.2	220.9	20.1	13.2	15.2	319.7	320.8	0.3	12.7	14.4	45.
20.0	65.9	6557.9	450.0	-17.9	-39.5	220.8	22.4	14.6	17.0	320.7	321.6	0.3	13.1	16.1	45.
21.4	69.6	6982.4	425.0	-21.5	-39.7	224.4	22.8	16.0	16.3	321.4	322.4	0.3	17.5	17.9	45.
22.7	73.2	7426.4	400.0	-24.1	-38.4	238.0	22.5	19.1	11.9	323.7	324.9	0.3	25.4	19.7	45.
24.2	77.2	7894.0	375.0	-27.5	-45.3	248.7	29.6	27.6	10.7	325.1	325.8	0.2	16.5	21.8	47.
25.7	81.2	8387.6	350.0	-30.3	-47.2	249.1	39.6	37.0	14.1	327.8	328.4	0.1	17.2	24.9	50.
27.3	85.4	8910.7	325.0	-34.4	-44.9	250.7	45.0	42.5	14.9	329.2	330.0	0.2	33.4	28.5	53.
29.2	90.0	9464.8	300.0	-39.2	-48.8	244.0	47.4	42.6	20.8	330.1	330.6	0.1	34.6	33.7	55.
31.0	94.8	10055.8	275.0	-43.9	99.9	242.2	51.6	45.7	24.1	331.7	999.9	99.9	999.9	38.9	56.
33.1	99.6	10688.4	250.0	-48.3	99.9	246.5	41.6	38.1	16.6	334.2	999.9	99.9	999.9	44.7	57.
35.4	105.0	11376.3	225.0	-51.7	99.9	251.6	45.0	42.7	14.2	339.3	999.9	99.9	999.9	50.2	58.
37.7	110.6	12132.5	200.0	-56.7	99.9	248.8	52.1	48.6	18.9	343.0	999.9	99.9	999.9	57.2	60.
40.6	116.8	12970.9	175.0	-60.3	99.9	253.7	35.9	34.5	10.1	350.4	999.9	99.9	999.9	65.2	61.
43.9	123.7	13933.9	150.0	-59.7	99.9	256.5	37.5	36.5	8.7	367.2	999.9	99.9	999.9	73.2	62.
47.8	131.0	15074.0	125.0	-60.7	99.9	257.9	54.5*	53.3	11.4	385.2	999.9	99.9	999.9	83.7	64.
52.3	139.0	16450.3	100.0	-63.4	99.9	264.1	25.1*	25.0	2.6	405.3	999.9	99.9	999.9	92.6	66.
57.7	147.3	18187.9	75.0	-68.5	99.9	254.8	14.9*	14.4	3.9	429.3	999.9	99.9	999.9	97.9	67.
65.2	157.0	20682.1	50.0	-61.0	99.9	238.7	13.2	11.3	6.9	499.7	999.9	99.9	999.9	97.2	66.
77.1	167.5	25124.8	25.0	-49.9	99.9	234.1	2.5	2.1	1.5	641.5	999.9	99.9	999.9	94.6	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIC. TEX

6 MAY 1975
1715 GMT

162 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	314.0	969.4	29.2	19.2	350.0	7.7	1.3	-7.6	307.1	347.0	14.7	55.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	10.5	494.1	950.0	27.2	15.4	318.8	14.7	9.7	-11.1	306.4	338.4	11.7	48.4	0.4	177.
1.3	12.7	729.1	925.0	24.4	15.9	323.3	9.5	5.7	-7.7	306.0	339.9	12.4	59.1	0.8	156.
2.2	15.1	968.6	900.0	21.7	16.7	328.3	7.1	3.7	-6.0	305.7	342.2	13.4	73.1	1.3	152.
3.4	17.3	1212.9	875.0	19.4	15.7	337.8	6.4	2.4	-6.7	305.7	341.0	12.9	78.7	1.7	153.
4.3	19.7	1462.2	850.0	16.9	13.9	320.1	5.9	3.8	-4.5	305.4	337.8	11.9	82.7	2.0	153.
5.2	22.0	1716.7	825.0	15.4	8.6	302.0	8.0	6.8	-4.2	306.0	329.8	8.5	63.8	2.4	150.
6.1	24.5	1977.5	800.0	14.2	5.4	285.9	8.8	8.4	-2.4	306.9	321.2	5.0	39.0	2.8	144.
7.1	26.8	2245.0	775.0	13.4	-9.8	274.2	6.1	6.1	-0.4	308.5	315.6	2.3	18.9	3.2	138.
8.2	29.4	2519.9	750.0	12.3	-10.7	233.6	5.3	4.2	3.1	310.2	317.1	2.3	19.0	3.3	133.
9.3	32.1	2802.8	725.0	10.4	-10.7	219.3	6.0	3.8	4.7	311.1	318.3	2.3	21.5	3.3	126.
10.4	34.9	3093.3	700.0	8.2	-12.5	216.3	9.0	5.3	7.2	311.8	318.3	2.1	21.6	3.4	119.
11.4	37.4	3392.7	675.0	6.4	-12.2	211.2	12.1	6.3	10.4	313.1	320.0	2.2	25.0	3.5	118.
12.4	40.2	3701.6	650.0	3.5	-11.7	205.0	13.7	5.8	12.4	313.2	320.6	2.4	31.7	3.7	96.
13.4	43.0	4017.0	625.0	0.6	-15.7	207.8	14.4	6.7	12.7	313.3	319.0	1.8	28.3	4.1	84.
14.5	46.0	4343.4	600.0	-1.5	-21.8	218.0	15.9	9.8	12.5	314.5	318.1	1.1	19.5	4.7	75.
15.7	49.0	4681.6	575.0	-2.9	-25.3	220.7	17.4	11.4	13.2	316.7	319.5	0.8	15.7	5.8	68.
17.0	52.0	5032.3	550.0	-4.8	-28.2	229.7	18.6	14.2	12.0	318.5	320.8	0.7	13.9	7.1	63.
18.5	55.2	5396.9	525.0	-7.0	-29.9	230.0	20.1	15.4	12.9	320.0	322.1	0.6	14.1	8.8	61.
20.0	58.4	5775.8	500.0	-9.3	-31.5	231.7	19.8	15.6	12.3	321.8	323.7	0.5	14.3	10.6	59.
21.6	61.9	6170.0	475.0	-12.5	-34.0	237.8	21.6	18.2	11.5	322.5	324.1	0.4	14.6	12.6	58.
23.2	65.3	6580.9	450.0	-15.3	-36.1	242.3	21.9	19.4	10.2	324.0	325.3	0.4	14.8	14.7	59.
24.9	68.9	7009.6	425.0	-18.8	-37.6	248.0	24.4	22.6	9.2	324.9	326.2	0.3	17.1	17.0	60.
26.9	72.5	7459.3	400.0	-21.5	-39.7	242.3	28.5	25.2	13.2	327.0	328.1	0.3	17.3	20.1	61.
28.8	76.5	7932.3	375.0	-24.7	-41.8	243.6	32.3	29.0	14.4	328.9	329.8	0.2	18.5	23.5	61.
30.6	80.6	8430.6	350.0	-28.8	-40.5	245.7	33.9	30.9	14.0	329.8	331.0	0.3	31.3	27.0	61.
32.3	84.8	8956.3	325.0	-33.2	-41.7	246.3	35.9	32.8	14.4	330.8	331.9	0.3	42.0	30.7	62.
34.4	89.2	9513.2	300.0	-37.8	-43.8	243.9	40.3	36.2	17.7	332.1	333.0	0.3	52.9	35.4	62.
36.6	94.0	10106.8	275.0	-42.7	99.9	239.2	43.2	37.1	22.1	333.4	999.9	99.9	999.9	40.9	62.
38.9	99.0	10744.5	250.0	-47.0	99.9	237.0	47.2	39.6	25.7	336.2	999.9	99.9	999.9	47.2	62.
41.2	104.3	11434.8	225.0	-51.8	99.9	245.1	43.6	39.5	18.2	339.1	999.9	99.9	999.9	53.2	61.
43.8	110.0	12189.4	200.0	-57.0	99.9	247.3	47.1	43.4	18.2	342.5	999.9	99.9	999.9	60.7	62.
46.5	116.0	13028.1	175.0	-59.5	99.9	250.4	42.6	41.1	14.3	351.7	999.9	99.9	999.9	67.8	63.
49.8	123.0	13997.3	150.0	-57.5	99.9	251.1	44.6*	42.2	14.4	371.1	999.9	99.9	999.9	76.8	64.
53.4	130.3	15136.0	125.0	-61.9	99.9	256.0	41.4*	40.2	10.0	383.0	999.9	99.9	999.9	86.0	64.
57.6	138.5	16497.4	100.0	-67.0	99.9	250.2	17.8*	16.7	6.0	398.4	999.9	99.9	999.9	93.0	66.
62.5	147.0	18195.3	75.0	-73.3	99.9	262.5	6.8*	6.7	0.9	419.2	999.9	99.9	999.9	97.8	66.
69.4	156.5	20672.1	50.0	-60.1	99.9	322.2	0.6	0.5	-0.6	501.9	999.9	99.9	999.9	96.8	65.
81.1	167.0	25112.3	25.0	-50.4	99.9	63.5	0.7	-0.6	-0.3	639.8	999.9	99.9	999.9	97.4	66.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

6 MAY 1975
1720 GMT

153 18. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	873.0	910.9	21.2	-5.6	280.0	7.7	7.6	-1.3	302.7	310.8	2.0	16.7	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	12.8	976.6	900.0	19.1	-4.3	284.8	6.3	6.1	-1.6	301.6	310.6	3.1	20.1	0.3	124.
1.2	15.1	1217.2	875.0	16.9	-5.6	291.9	5.9	5.5	-2.2	301.7	310.1	2.9	20.9	0.5	116.
2.4	17.2	1462.8	850.0	14.3	-6.8	294.5	6.7	6.1	-2.8	301.5	309.4	2.7	22.5	0.9	117.
2.9	19.5	1713.5	825.0	11.9	-8.0	282.8	8.0	7.8	-1.8	301.5	309.0	2.5	24.1	1.2	116.
3.6	21.6	1969.7	800.0	9.4	-8.9	260.5	8.9	8.6	1.5	301.5	308.6	2.4	26.5	1.5	110.
4.5	24.7	2232.5	775.0	9.1	-9.1	240.9	12.7	11.1	6.2	304.0	311.3	2.5	26.6	2.7	99.
5.6	26.3	2503.8	750.0	8.2	-8.5	226.1	14.6	10.5	10.1	305.9	313.9	2.7	29.5	2.6	85.
6.7	28.9	2782.4	725.0	5.6	-9.1	230.6	16.0	12.3	10.1	305.9	313.8	2.7	33.9	3.5	75.
7.5	31.4	3068.2	700.0	3.6	-12.9	238.0	18.3	15.6	9.7	306.7	312.9	2.0	28.7	4.3	71.
8.5	34.1	3362.4	675.0	1.8	-16.2	239.5	19.7	17.0	10.0	307.9	312.8	1.6	24.8	5.5	69.
9.6	36.7	3655.2	650.0	-0.6	-17.5	235.6	19.6	16.2	11.1	308.4	313.0	1.5	26.5	6.7	67.
10.7	39.4	3977.7	625.0	-2.1	-21.4	231.9	20.1	15.8	12.4	310.2	313.8	1.1	21.1	7.9	65.
11.8	42.0	4301.0	600.0	-3.6	-23.2	227.8	17.3	12.8	11.0	312.0	315.2	1.0	20.2	9.3	62.
12.9	44.9	4635.8	575.0	-5.8	-27.2	229.5	19.1	14.5	12.4	313.2	315.6	0.7	16.5	10.3	61.
13.9	47.9	4982.5	550.0	-8.0	-28.9	230.6	19.0	14.6	12.0	314.6	316.8	0.6	16.7	11.5	60.
15.0	50.9	5342.0	525.0	-10.5	-30.8	235.9	20.0	16.5	11.2	315.8	317.7	0.6	16.9	12.8	59.
16.2	54.0	5715.9	500.0	-12.8	-32.7	236.1	23.2	19.2	12.9	317.4	319.1	0.5	17.0	14.3	59.
17.7	57.1	6104.8	475.0	-15.9	-34.3	230.3	24.1	18.6	15.4	318.3	319.8	0.4	18.7	16.4	58.
19.1	60.6	6509.8	450.0	-19.3	-37.2	234.4	26.9	21.9	15.6	319.0	320.2	0.3	18.7	18.5	57.
20.6	64.1	6932.6	425.0	-21.7	-40.5	238.4	28.4	24.2	14.9	321.2	322.1	0.3	16.2	21.0	57.
22.1	67.6	7378.2	400.0	-23.0	-41.8	242.5	35.7	31.7	16.5	325.1	325.9	0.2	15.9	23.8	55.
23.6	71.2	7848.5	375.0	-25.5	-43.8	239.4	40.4	34.3	20.6	327.8	328.5	0.2	16.1	27.3	58.
25.1	75.2	8344.8	350.0	-29.6	-47.0	237.3	44.0	37.0	23.7	328.7	329.3	0.2	16.5	31.1	58.
26.7	79.3	8868.1	325.0	-34.7	-51.0	237.1	42.6	35.7	23.1	328.8	329.2	0.1	16.9	35.3	58.
28.5	83.6	9421.6	300.0	-39.6	-56.9	237.5	43.9	37.0	23.6	329.5	329.9	99.9	999.9	40.2	58.
30.5	88.0	10103.3	275.0	-44.4	-64.4	239.1	41.5	35.6	21.3	330.9	330.9	99.9	999.9	44.8	58.
32.5	93.0	10643.7	250.0	-48.2	-73.9	238.1	48.6	41.3	25.7	334.4	335.9	99.9	999.9	50.6	58.
34.6	98.0	11331.8	225.0	-52.0	-83.9	241.8	47.4*	41.8	22.4	338.8	339.9	99.9	999.9	56.7	58.
37.0	103.6	12086.6	200.0	-56.2	-94.9	238.4	45.7*	38.9	23.9	343.8	343.8	99.9	999.9	63.0	58.
39.6	110.7	12933.2	175.0	-58.3	-107.3	241.8	42.6*	37.5	20.2	353.7	353.7	99.9	999.9	69.8	58.
42.7	116.5	13898.7	150.0	-58.8	-121.3	245.4	51.4*	46.8	21.4	368.8	368.8	99.9	999.9	77.6	59.
46.2	124.3	15046.4	125.0	-59.7	-136.8	256.7	48.5*	47.2	11.2	386.9	386.9	99.9	999.9	87.5	61.
50.3	132.5	16430.3	100.0	-62.4	-153.8	251.3	20.3*	19.2	6.5	407.2	407.2	99.9	999.9	95.1	62.
55.4	141.3	18175.1	75.0	-67.9	-173.3	220.0	16.3*	10.5	12.5	430.5	430.5	99.9	999.9	100.9	62.
63.2	150.5	20686.2	50.0	-56.8	-99.9	41.7	2.9	-2.9	0.1	569.6	569.6	99.9	999.9	100.0	61.
75.4	160.0	25140.9	25.0	-49.9	99.9	999.9	99.9	99.9	99.9	641.3	641.3	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX.

6 MAY 1975
1800 GMT

146 19. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	16.4	1193.0	878.5	16.5	-12.0	235.0	5.2	4.3	3.0	300.8	306.0	1.7	13.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	(999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	16.8	1226.8	875.0	15.2	-10.3	259.9	5.9	5.8	1.0	299.8	305.7	2.0	16.4	0.1	39.
0.7	19.2	1470.5	850.0	12.0	-10.8	267.3	6.3	6.3	0.3	299.0	304.8	2.0	19.1	0.3	71.
1.4	21.4	1719.1	825.0	9.4	-11.7	262.8	5.1	5.1	0.6	298.8	304.4	1.9	21.1	0.5	76.
1.9	23.9	1972.8	800.0	6.8	-12.7	267.9	4.3	4.2	0.2	298.6	303.9	1.8	23.2	0.6	79.
2.5	26.2	2232.4	775.0	4.4	-13.4	260.7	4.0	4.0	0.6	298.7	303.9	1.7	26.0	0.8	80.
3.2	28.9	2498.0	750.0	1.7	-12.3	252.2	9.4	8.9	2.9	298.6	304.5	2.0	34.6	1.0	79.
4.1	31.3	2770.1	725.0	-0.6	-11.6	245.6	14.7	13.4	6.1	299.1	305.5	2.2	43.1	1.7	75.
5.2	34.0	3049.7	700.0	-2.2	-9.6	236.1	17.8	14.7	9.9	300.4	308.1	2.6	56.8	2.7	69.
6.6	36.6	3338.0	675.0	-3.5	-13.2	247.9	25.6	23.7	9.6	302.0	308.2	2.1	47.5	4.6	67.
8.0	39.3	3637.1	650.0	-2.4	-12.0	252.1	26.9	25.6	8.3	306.3	308.2	0.6	11.9	6.9	58.
8.9	41.9	3947.4	625.0	-3.8	-29.0	258.0	23.8	23.3	4.9	308.2	310.0	0.6	12.0	8.2	69.
9.8	44.8	4268.7	600.0	-5.6	-30.3	260.9	21.2	21.0	3.4	309.6	311.3	0.5	12.1	9.4	71.
10.9	47.8	4600.9	575.0	-7.6	-31.8	259.0	22.0	21.6	4.2	311.1	312.6	0.5	12.3	10.7	72.
12.2	50.6	4945.8	550.0	-9.3	-33.0	255.7	24.9	24.1	6.1	313.0	314.5	0.4	12.4	12.5	73.
13.5	53.5	5304.2	525.0	-11.2	-34.4	255.3	27.4	26.5	6.9	314.6	316.3	0.4	12.6	14.6	73.
14.7	56.4	5676.9	500.0	-13.4	-36.0	252.7	28.3	27.0	8.4	316.7	317.9	0.3	12.8	16.7	73.
15.9	59.6	6065.3	475.0	-16.2	-38.1	246.0	27.4	25.0	11.1	317.9	318.9	0.3	13.0	18.7	73.
17.2	63.1	6469.9	450.0	-18.5	-39.8	241.3	29.0	25.5	14.0	319.9	320.9	0.3	13.2	20.8	72.
18.4	66.3	6893.9	425.0	-21.2	-41.9	237.7	31.6	26.7	16.9	321.7	322.5	0.2	13.5	23.1	70.
20.0	70.1	7339.0	400.0	-24.7	-44.5	242.4	32.4	28.7	15.0	322.9	323.6	0.2	13.8	25.9	69.
21.6	73.4	7804.8	375.0	-28.3	-45.5	239.8	36.1	31.2	18.2	324.0	324.7	0.2	17.4	29.2	68.
23.1	77.0	8295.2	350.0	-32.4	-48.7	235.5	31.2	25.7	17.7	325.0	325.5	0.1	17.7	32.4	67.
24.9	80.9	8812.3	325.0	-37.4	-52.8	238.7	34.6	29.6	18.0	325.1	325.4	0.1	18.0	35.9	66.
26.9	85.1	9358.9	300.0	-42.2	99.9	238.0	32.6	27.6	17.3	325.9	999.9	99.9	999.9	39.5	66.
28.9	89.4	9942.3	275.0	-46.3	99.9	236.7	38.1	31.9	20.9	328.2	999.9	99.9	999.9	43.8	65.
31.0	94.2	10572.0	250.0	-49.0	99.9	237.0	51.2	43.0	27.9	333.3	999.9	99.9	999.9	49.5	64.
33.3	99.1	11257.6	225.0	-52.9	99.9	241.5	48.5*	42.6	23.1	337.4	999.9	99.9	999.9	56.5	63.
35.9	104.3	12012.0	200.0	-55.8	99.9	235.1	50.1*	41.1	28.6	344.4	999.9	99.9	999.9	63.9	63.
39.7	110.2	12862.0	175.0	-56.5	99.9	237.8	51.7*	43.7	27.5	356.6	999.9	99.9	999.9	72.1	62.
42.3	116.3	13843.3	150.0	-54.8	99.9	238.8	48.2*	41.2	25.0	375.7	999.9	99.9	999.9	82.3	62.
46.1	123.7	15003.3	125.0	-57.8	99.9	245.1	41.2*	37.3	17.3	390.3	999.9	99.9	999.9	92.1	62.
50.9	131.7	16407.9	100.0	-59.2	99.9	243.2	31.8*	28.3	14.3	413.4	999.9	99.9	999.9	102.2	62.
56.3	140.0	19156.9	75.0	-64.5	99.9	238.2	9.1*	7.7	4.8	437.8	999.9	99.9	999.9	106.7	62.
63.8	149.0	23715.5	50.0	-56.6	99.9	269.6	5.2*	5.2	0.0	510.2	999.9	99.9	999.9	107.4	62.
75.5	158.7	25189.6	25.0	-49.1	99.9	318.5	3.1	2.1	-2.3	643.8	999.9	99.9	999.9	105.1	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

6 MAY 1975
1715 GMT

164 20. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	180.0	991.4	22.9	17.1	190.0	4.2	0.7	4.1	298.5	331.6	12.5	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	7.6	325.1	975.0	20.6	16.1	206.1	4.4	1.9	4.0	297.4	328.8	11.9	75.5	0.2	11.
1.4	9.8	549.6	950.0	18.8	16.2	202.8	6.1	2.4	5.6	297.9	330.3	12.3	84.9	0.4	16.
2.3	11.7	778.3	925.0	16.3	15.6	207.2	9.1	4.2	8.1	297.6	329.6	12.1	95.5	0.8	21.
3.1	14.0	1011.4	900.0	14.8	14.6	212.2	11.6	6.3	10.0	298.3	329.3	11.7	98.7	1.4	24.
3.9	16.0	1250.5	875.0	14.4	14.2	218.8	12.3	7.7	9.6	300.3	331.6	11.7	98.6	2.0	27.
4.9	18.4	1495.4	850.0	12.3	12.0	224.5	9.4	6.6	6.7	300.4	328.6	10.5	98.3	2.6	31.
6.2	20.6	1745.3	825.0	9.8	4.6	219.7	6.9	4.4	5.3	299.6	317.5	6.5	71.0	3.2	33.
7.3	22.9	2003.2	800.0	8.2	2.2	228.3	6.8	5.1	4.5	300.6	316.3	5.6	65.9	3.6	35.
8.4	25.3	2263.6	775.0	8.4	5.7	236.0	7.1	5.9	4.0	303.8	324.5	7.5	83.4	4.0	37.
9.4	27.8	2534.2	750.0	6.5	5.7	237.8	8.0	6.8	4.3	304.6	326.0	7.7	94.9	4.5	39.
10.5	30.4	2812.2	725.0	4.6	3.5	244.5	7.2	6.6	3.1	305.4	324.6	6.8	92.7	5.0	41.
11.5	33.0	3097.7	700.0	2.9	-1.0	253.7	7.4	7.1	2.1	306.4	321.0	5.1	75.6	5.3	43.
12.7	35.6	3391.9	675.0	0.9	-3.7	249.3	9.0	8.4	3.2	307.2	319.8	4.3	71.4	5.9	46.
13.9	38.4	3694.2	650.0	-1.6	-5.5	250.1	10.3	9.7	3.5	307.7	319.6	4.1	76.9	6.5	48.
15.1	41.0	4005.8	625.0	-3.1	-13.8	265.7	10.2	10.2	0.8	309.2	315.7	2.1	43.3	7.3	51.
16.4	44.0	4327.8	600.0	-4.8	-23.1	301.2	9.8	8.4	-5.1	310.7	313.9	1.0	22.1	7.7	55.
17.7	47.1	4660.9	575.0	-7.7	-19.3	306.3	11.7	9.5	-6.9	311.1	315.6	1.4	39.0	8.0	61.
19.0	50.2	5004.8	550.0	-10.6	-26.1	305.1	11.8	9.7	-6.8	311.6	314.5	0.9	29.3	8.5	57.
20.3	53.5	5361.5	525.0	-12.0	-57.5	305.3	11.0	8.9	-6.3	314.0	314.1	0.0	1.0	9.0	72.
21.8	56.7	5733.8	500.0	-13.3	-55.8	304.8	11.7	9.6	-6.6	316.8	316.9	0.0	1.4	9.6	77.
23.2	60.3	6122.8	475.0	-15.7	-52.6	310.1	13.0	9.9	-8.4	318.5	318.8	0.1	2.9	10.3	81.
24.9	64.0	6528.1	450.0	-18.6	-47.4	311.2	14.6	11.0	-9.6	319.8	320.2	0.1	5.8	11.2	86.
26.6	67.7	6952.3	425.0	-21.6	-49.2	316.6	16.5	11.3	-12.0	321.3	321.7	0.1	6.1	12.3	92.
28.3	71.5	7396.1	400.0	-25.0	-51.3	313.6	19.5	14.1	-13.4	322.4	322.7	0.1	6.5	13.6	97.
30.1	75.7	7861.8	375.0	-28.8	-44.0	312.3	24.5	18.1	-16.5	323.5	324.2	0.2	21.6	15.7	102.
31.9	80.1	8353.3	350.0	-30.8	-36.1	297.0	26.6	23.7	-12.1	327.2	328.9	0.5	59.5	18.3	106.
33.5	84.6	8875.1	325.0	-34.8	-40.1	276.8	23.3	23.2	-2.8	328.7	330.0	0.4	58.2	20.7	106.
35.5	89.2	9429.0	300.0	-39.2	-44.6	271.6	22.1	22.1	-0.6	330.1	330.9	0.2	55.9	23.2	104.
37.6	94.4	10018.8	275.0	-44.4	99.9	277.7	22.9	22.7	-3.1	331.0	999.9	99.9	99.9	26.2	103.
39.8	99.8	10650.4	250.0	-49.6	99.9	288.6	22.5	21.3	-7.2	332.4	999.9	99.9	99.9	29.0	103.
42.5	105.5	11331.0	225.0	-55.4	99.9	283.4	24.3	23.6	-5.6	333.6	999.9	99.9	99.9	32.9	104.
45.5	111.8	12071.3	200.0	-61.1	99.9	286.1	26.5	25.4	-7.3	336.0	999.9	99.9	99.9	37.4	104.
48.4	118.3	12890.7	175.0	-65.6	99.9	280.6	24.8	24.4	-4.6	341.7	999.9	99.9	99.9	42.4	104.
51.7	125.8	13821.9	150.0	-67.8	99.9	287.5	31.7	30.2	-9.5	353.3	999.9	99.9	99.9	48.1	104.
55.9	133.5	14933.6	125.0	-63.2	99.9	298.5	27.1	23.8	-13.0	380.6	999.9	99.9	99.9	55.1	105.
60.9	141.3	16306.5	100.0	-60.3	99.9	283.2	17.7	17.2	-4.0	411.4	999.9	99.9	99.9	61.5	106.
67.0	149.3	19085.2	75.0	-64.1	99.9	312.5	11.6	8.5	-7.8	438.6	999.9	99.9	99.9	66.7	106.
75.4	158.0	20803.1	50.0	-60.0	99.9	85.9	5.4	-5.4	-0.4	502.0	999.9	99.9	99.9	68.3	107.
88.6	167.0	25010.9	25.0	-51.9	99.9	254.8	3.5	3.4	0.9	635.4	999.9	99.9	99.9	67.5	107.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK

6 MAY 1975
1800 GMT

157 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.8	6.3	79.0	999.0	25.5	19.4	160.0	2.6	-0.9	2.4	300.7	338.8	14.4	69.0	0.7	5.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	8.3	293.1	975.0	23.9	17.6	173.3	6.3	-0.7	6.3	301.0	336.1	13.2	67.9	0.3	356.
1.5	10.6	520.1	950.0	21.5	17.0	173.4	6.2	-0.7	6.2	300.8	335.4	13.0	75.7	0.6	354.
2.4	13.0	750.9	925.0	19.1	17.3	185.5	5.7	0.0	5.7	300.7	336.8	13.6	89.2	0.9	355.
3.3	15.4	986.7	900.0	17.1	16.1	206.4	7.2	3.2	6.5	300.9	335.4	12.9	93.7	1.2	1.
4.2	17.8	1227.2	875.0	15.5	14.6	214.1	10.8	6.0	8.9	301.5	333.9	12.1	94.1	1.7	9.
5.1	20.3	1474.1	850.0	16.6	12.5	210.6	12.0	6.1	10.4	305.0	334.5	10.8	76.7	2.3	17.
6.2	22.7	1723.4	825.0	15.1	9.8	198.9	12.5	4.0	11.8	305.8	331.6	9.3	70.7	3.0	18.
7.2	25.3	1988.7	800.0	13.2	6.7	191.5	12.4	2.5	12.1	306.3	328.1	7.8	64.8	3.8	18.
8.2	27.8	2255.7	775.0	11.9	5.4	188.1	12.7	1.8	12.6	307.6	328.2	7.3	64.0	4.6	16.
9.2	30.6	2529.9	750.0	10.1	5.7	192.0	10.6	2.2	10.3	308.5	330.3	7.7	74.2	5.3	15.
10.1	33.3	2811.5	725.0	8.3	4.9	202.5	9.1	3.5	8.4	309.6	331.1	7.6	79.1	5.8	15.
11.0	36.0	3101.5	700.0	7.1	2.9	212.6	9.6	5.2	8.1	311.2	330.7	6.8	75.0	6.3	16.
11.8	38.8	3400.1	675.0	4.8	2.2	224.7	9.3	6.5	6.6	311.9	331.2	6.7	83.4	6.8	18.
12.9	41.6	3707.2	650.0	2.2	1.2	232.4	8.4	6.7	5.1	312.3	331.1	6.5	92.8	7.2	20.
14.0	44.6	4023.2	625.0	0.0	-3.9	226.1	7.9	5.7	5.5	313.0	326.7	4.6	74.8	7.7	22.
15.1	47.3	4348.9	600.0	-2.6	-9.3	229.5	9.1	6.9	5.9	313.5	323.1	3.2	59.8	8.2	24.
16.2	50.7	4685.2	575.0	-5.1	-16.1	240.4	8.8	7.6	4.2	314.3	320.2	1.9	41.6	8.8	26.
17.5	54.0	5034.0	550.0	-5.5	-37.7	254.2	6.2	6.0	1.7	317.5	318.5	0.3	5.8	9.2	28.
18.8	57.1	5397.1	525.0	-7.9	-39.0	256.2	7.4	7.2	1.8	318.9	319.8	0.2	6.1	9.5	30.
20.0	60.6	5774.6	500.0	-10.4	-40.3	256.6	8.7	8.4	2.0	320.4	321.2	0.2	6.4	9.9	33.
21.3	64.1	6167.2	475.0	-13.3	-42.0	255.6	11.3	10.9	2.8	321.5	322.2	0.2	6.8	10.5	36.
22.8	67.7	6576.4	450.0	-16.6	-44.0	254.4	12.8	12.3	3.4	322.3	323.0	0.2	7.2	11.3	39.
24.3	71.2	7003.1	425.0	-20.1	-46.1	255.0	15.5	15.0	4.0	323.1	323.7	0.1	7.7	12.5	43.
25.9	75.2	7449.0	400.0	-23.7	-48.4	257.4	18.7	18.2	4.1	324.1	324.6	0.1	8.1	13.9	46.
27.6	79.2	7917.5	375.0	-27.1	-50.6	262.5	21.0	20.9	2.8	325.6	326.0	0.1	8.6	15.6	50.
29.3	83.2	8410.5	350.0	-31.1	-53.3	266.9	20.4	20.4	1.1	326.7	327.0	0.1	9.1	17.4	54.
31.2	87.2	8932.8	325.0	-34.4	-55.5	280.7	19.1	18.7	-3.5	329.2	329.5	0.1	9.5	19.0	59.
33.1	92.0	9486.7	300.0	-39.0	99.9	275.5	24.5	24.4	-2.4	330.3	999.9	99.9	999.9	21.1	63.
35.2	96.6	10077.1	275.0	-44.2	99.9	271.3	24.6	24.6	-0.6	331.2	999.9	99.9	999.9	23.9	67.
37.6	101.4	10709.6	250.0	-49.1	99.9	266.3	24.2	24.1	1.6	333.0	999.9	99.9	999.9	27.1	69.
40.2	107.0	11392.4	225.0	-54.0	99.9	266.2	25.7	25.6	1.7	335.7	999.9	99.9	999.9	31.7	72.
42.7	112.6	12140.5	200.0	-58.6	99.9	269.2	24.2	24.2	0.3	340.0	999.9	99.9	999.9	34.3	73.
45.9	118.8	12974.9	175.0	-60.4	99.9	266.5	33.9	33.9	2.1	350.2	999.9	99.9	999.9	39.6	76.
49.0	125.4	13926.0	150.0	-64.3	99.9	267.8	37.1	37.0	1.4	359.4	999.9	99.9	999.9	46.1	77.
53.0	132.3	15045.3	125.0	-62.7	99.9	269.8	27.1	27.1	0.1	381.4	999.9	99.9	999.9	53.8	79.
57.9	139.5	16424.1	100.0	-60.7	99.9	285.8	14.9	14.4	-4.1	410.5	999.9	99.9	999.9	61.2	80.
64.1	146.7	18201.2	75.0	-63.5	99.9	298.5	11.2	9.9	-5.4	439.8	999.9	99.9	999.9	65.0	83.
72.5	154.3	20727.2	50.0	-59.0	99.9	1.0	5.1	-0.1	-5.1	504.6	999.9	99.9	999.9	66.0	83.
84.8	161.5	25191.5	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	642.7	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETTE, MO.

6 MAY 1975
 1852 GMT

132 7.0 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTD	RH	RANGE	AZ
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
0.0	8.7	438.0	956.0	26.4	19.3	190.0	5.2	0.9	5.1	305.5	345.8	14.9	65.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	9.3	493.8	950.0	26.1	19.7	210.6	11.0	5.6	9.5	305.8	347.7	15.5	68.0	0.2	15.
0.9	11.3	728.0	925.0	22.6	17.7	212.4	10.0	5.4	8.5	304.2	340.3	13.4	70.9	0.5	25.
1.8	13.6	966.2	900.0	20.2	16.2	218.9	9.5	5.9	7.4	304.1	339.4	13.1	78.0	1.0	30.
2.7	15.8	1209.5	875.0	18.9	16.3	226.5	8.6	6.2	5.9	305.2	341.9	13.5	85.1	1.5	34.
3.7	18.2	1458.2	850.0	16.3	12.9	223.7	9.9	6.9	7.2	304.7	335.0	11.1	80.4	2.0	38.
4.6	20.5	1712.5	825.0	14.8	11.4	221.8	9.5	6.3	7.1	305.7	334.2	10.4	80.0	2.6	39.
5.5	22.8	1972.6	800.0	12.7	9.8	217.1	10.6	6.4	8.5	306.0	332.5	9.6	82.3	3.1	39.
6.4	25.3	2239.2	775.0	11.1	6.0	210.1	10.1	5.1	8.8	306.8	328.1	7.6	70.7	3.7	38.
7.4	27.6	2513.4	750.0	11.2	2.2	203.0	9.7	3.8	8.9	309.5	326.8	6.0	53.8	4.2	36.
8.5	30.2	2796.2	725.0	10.0	-3.5	200.1	8.7	3.0	8.1	311.0	322.8	4.0	37.7	4.8	34.
9.5	32.8	3087.0	700.0	8.0	-8.4	213.4	6.5	3.6	5.5	311.8	320.6	2.9	30.2	5.3	33.
10.6	35.4	3386.1	675.0	5.7	-10.4	239.4	5.8	5.0	3.0	312.3	320.2	2.6	30.3	5.7	34.
11.9	38.0	3692.9	650.0	2.7	-12.0	251.3	7.6	7.2	2.4	312.3	319.5	2.3	32.8	6.0	37.
13.0	40.7	4009.5	625.0	1.3	-14.1	248.7	9.9	9.2	3.6	314.2	320.6	2.1	30.7	6.6	40.
14.2	43.4	4336.4	600.0	-1.4	-16.8	249.8	9.7	9.1	3.4	314.6	320.1	1.7	29.9	7.2	42.
15.4	46.4	4673.6	575.0	-4.5	-19.4	242.7	11.4	10.1	5.2	314.9	319.5	1.4	30.0	7.9	45.
16.6	49.3	5022.1	550.0	-7.1	-21.9	236.5	12.6	10.5	6.9	315.8	319.7	1.2	29.5	8.7	46.
17.8	52.1	5383.2	525.0	-8.7	-25.2	237.0	14.1	11.8	7.7	318.0	321.1	0.9	24.9	9.7	47.
19.1	55.2	5760.4	500.0	-10.6	-26.7	232.4	14.4	11.4	8.8	320.2	323.1	0.9	24.9	10.8	48.
20.5	58.3	6152.7	475.0	-14.0	-29.0	230.5	15.3	11.8	9.8	320.7	323.2	0.7	26.7	12.1	48.
21.9	61.6	6560.5	450.0	-17.1	-31.6	236.5	18.9	15.7	10.4	321.8	323.9	0.6	26.8	13.4	49.
23.4	65.1	6986.7	425.0	-20.1	-34.8	237.4	20.5	17.2	11.0	323.3	324.9	0.5	25.3	15.2	50.
24.9	68.4	7432.9	400.0	-23.8	-38.0	234.3	19.9	16.2	11.6	324.0	325.3	0.4	25.4	17.0	50.
26.4	71.9	7900.9	375.0	-27.2	-40.9	230.5	18.4	14.2	11.7	325.6	326.6	0.3	25.6	18.8	51.
28.0	75.8	8393.5	350.0	-31.4	-44.6	230.7	17.8	13.7	11.3	326.3	327.1	0.2	25.7	20.5	51.
29.8	79.8	8915.2	325.0	-34.6	-47.3	233.3	16.2	14.4	7.3	328.9	329.5	0.2	25.8	22.3	51.
31.6	83.8	9469.1	300.0	-39.4	-51.5	255.7	17.9	17.4	4.4	329.6	330.2	0.1	26.0	24.7	52.
33.6	88.0	10058.3	275.0	-44.4	99.9	256.1	19.5	18.9	4.7	330.9	999.9	99.9	999.9	26.1	55.
35.8	92.7	10691.0	250.0	-48.8	99.9	246.1	23.1	21.1	9.3	333.5	999.9	99.9	999.9	28.6	56.
37.8	97.4	11376.8	225.0	-53.0	99.9	246.0	22.9	20.9	9.3	337.3	999.9	99.9	999.9	31.6	57.
40.1	102.5	12128.3	200.0	-57.6	99.9	240.2	21.9	19.0	10.9	341.5	999.9	99.9	999.9	34.7	58.
42.7	108.3	12959.6	175.0	-62.6	99.9	252.8	24.7	23.6	7.3	346.6	999.9	99.9	999.9	38.5	58.
45.5	114.5	13907.5	150.0	-62.7	99.9	249.9	23.8	22.3	8.2	362.1	999.9	99.9	999.9	42.4	59.
48.8	121.5	15026.3	125.0	-64.2	99.9	257.3	21.5	21.0	4.7	378.8	999.9	99.9	999.9	46.6	61.
53.2	129.7	16423.5	100.0	-56.8	99.9	272.0	17.4	17.4	-0.6	418.0	999.9	99.9	999.9	51.6	63.
58.3	138.5	18222.0	75.0	-60.7	99.9	999.9	99.9	99.9	99.9	445.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
 OKLAHOMA CITY, OKLA

6 MAY 1975
 1800 GMT

108 158. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GFH	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	9.3	392.0	960.2	26.1	12.9	250.0	5.2	4.9	1.8	304.1	331.0	9.8	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	10.1	485.8	950.0	23.8	11.9	279.2	12.3	12.2	-2.0	302.6	327.8	9.2	47.2	0.1	63.
1.2	12.1	718.5	925.0	22.2	11.8	277.5	9.4	9.4	-1.2	303.3	329.2	9.5	51.9	0.6	92.
1.9	14.3	956.2	900.0	20.4	11.6	278.7	8.3	8.2	-1.3	303.8	330.1	9.6	56.9	0.9	95.
2.5	16.3	1198.6	875.0	17.4	9.9	270.7	7.5	7.5	-0.1	303.0	327.2	8.8	61.6	1.2	95.
3.3	18.6	1445.4	850.0	14.7	9.7	263.2	5.9	5.8	0.7	302.8	327.3	9.0	72.0	1.5	93.
4.1	20.8	1697.4	825.0	13.1	-0.1	267.0	7.9	7.9	0.4	303.1	316.6	4.8	41.5	1.8	92.
4.9	23.1	1955.8	800.0	12.2	-4.4	266.1	10.5	10.5	0.7	304.6	314.7	3.4	30.9	2.3	91.
5.8	25.5	2220.9	775.0	10.3	-5.1	252.0	9.2	8.7	2.8	305.4	315.3	3.4	33.4	2.8	89.
6.6	27.8	2473.2	750.0	9.4	-5.7	236.2	9.0	7.5	5.0	307.3	317.1	3.3	33.7	3.2	85.
7.5	30.3	2773.6	725.0	7.7	-7.6	230.3	11.4	8.8	7.3	308.3	317.3	3.0	32.8	3.6	81.
8.4	32.9	3061.4	700.0	5.3	-10.0	229.7	14.3	10.9	9.2	308.7	316.4	2.6	32.0	4.2	76.
9.4	35.4	3358.0	675.0	3.8	-11.0	220.0	15.4	9.9	11.8	310.3	317.7	2.5	32.9	5.1	71.
10.3	38.0	3663.0	650.0	1.1	-10.9	208.7	16.0	7.7	14.1	310.5	318.3	2.6	40.3	5.7	66.
11.3	40.6	3977.5	625.0	-0.9	-6.6	205.2	20.6	8.7	18.6	311.9	323.1	3.8	65.7	6.6	60.
12.3	43.2	4302.7	600.0	-2.6	-11.9	205.3	25.3	10.8	22.8	313.5	321.4	2.6	48.8	7.9	54.
13.4	46.4	4638.8	575.0	-5.2	-15.5	207.8	26.6	12.4	23.5	314.2	320.4	2.0	43.8	9.4	49.
14.6	49.4	4986.4	550.0	-8.0	-17.0	214.4	29.3	16.6	24.2	314.8	320.6	1.8	48.2	11.3	46.
15.7	52.3	5345.6	525.0	-11.4	-22.1	217.9	30.0	18.4	23.7	314.8	318.8	1.2	40.5	13.2	44.
16.9	55.4	5717.8	500.0	-14.2	-28.8	217.4	29.2	17.7	23.2	315.7	318.1	0.7	27.7	15.3	44.
18.0	58.6	6106.8	475.0	-14.6	-32.5	214.0	27.3	15.3	22.6	319.9	321.7	0.5	20.0	17.2	43.
19.3	62.1	6513.7	450.0	-17.9	-35.1	215.4	25.7	14.9	21.0	320.8	322.3	0.4	20.2	19.1	42.
20.5	65.5	6938.5	425.0	-21.6	-37.6	215.3	26.4	15.2	21.5	321.3	322.5	0.3	21.8	21.2	41.
22.0	69.1	7381.5	400.0	-25.9	-41.2	215.5	24.3	14.1	19.8	321.2	322.2	0.3	22.0	23.3	41.
23.5	72.8	7844.7	375.0	-29.9	-44.6	222.9	24.0	16.3	17.6	321.9	322.6	0.2	22.3	25.6	41.
25.1	76.8	8334.0	350.0	-32.5	-46.8	232.7	26.4	21.0	16.0	324.8	325.4	0.2	22.4	27.9	41.
26.9	80.9	8852.1	325.0	-36.6	-50.2	245.1	27.0	24.5	11.3	326.2	326.6	0.1	22.7	30.6	43.
28.6	85.3	9401.7	300.0	-41.1	99.9	246.5	34.2	31.4	13.7	327.5	999.9	99.9	999.9	33.7	45.
30.7	89.8	9987.8	275.0	-45.4	99.9	244.7	35.4	32.0	15.1	329.5	999.9	99.9	999.9	37.7	47.
32.8	94.8	10617.1	250.0	-50.2	99.9	243.6	40.0	35.8	17.7	331.4	999.9	99.9	999.9	42.1	49.
35.2	100.7	11299.3	225.0	-53.9	99.9	243.8	38.3	34.4	16.9	335.9	999.9	99.9	999.9	47.8	51.
38.0	105.5	12049.2	200.0	-57.7	99.9	241.6	44.3	38.9	21.1	341.5	999.9	99.9	999.9	54.9	53.
40.9	111.3	12886.7	175.0	-59.4	99.9	248.9	27.9	26.0	10.0	351.9	999.9	99.9	999.9	62.0	54.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX

6 MAY 1975
1715 GMT

150 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	1055.0	882.9	17.1	-5.4	267.0	11.8	11.6	2.0	301.2	309.6	2.9	21.0	0.0	0.
09.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
09.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
09.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.3	15.2	1171.2	875.0	14.3	-2.8	264.1	13.9	13.8	1.4	299.1	309.2	3.6	30.6	0.5	85.
1.1	17.2	1414.2	850.0	11.2	-5.5	261.6	13.4	13.2	1.9	298.3	306.9	3.0	30.6	1.0	84.
1.8	19.5	1662.3	825.0	8.6	-7.7	252.3	13.6	12.9	4.1	298.1	305.6	2.6	30.6	1.5	82.
2.6	21.6	1915.7	800.0	6.6	-9.6	247.0	18.0	16.6	7.0	298.5	305.2	2.3	30.4	2.2	77.
3.5	24.0	2175.1	775.0	4.6	-11.7	243.8	21.8	19.6	9.6	299.0	304.9	2.0	29.3	3.2	74.
4.1	26.1	2441.4	750.0	3.3	-13.6	249.6	22.4	20.9	7.8	300.4	305.7	1.8	27.6	4.1	72.
4.9	28.6	2715.6	725.0	1.9	-14.8	258.1	23.1	22.6	4.8	301.7	306.7	1.7	27.6	5.1	73.
5.6	31.1	2997.6	700.0	0.3	-16.2	254.2	27.5	26.4	7.5	303.0	307.7	1.5	27.6	6.2	73.
6.5	33.7	3289.5	675.0	0.6	-16.3	247.4	25.9	23.9	10.0	300.5	311.4	1.6	26.7	7.5	73.
7.3	36.1	3591.4	650.0	-1.2	-18.5	241.9	27.4	24.2	12.9	307.8	312.1	1.4	25.4	8.9	72.
8.2	38.8	3903.6	625.0	-1.5	-18.8	236.4	28.6	23.8	15.9	310.9	315.3	1.4	25.4	10.4	70.
9.1	41.3	4228.5	600.0	-2.4	-19.5	230.3	28.9	22.2	18.4	313.5	317.9	1.4	25.4	11.5	68.
10.1	44.1	4564.7	575.0	-3.8	-21.5	226.1	29.1	20.9	20.2	314.5	318.3	1.2	25.5	13.5	65.
11.5	47.1	4912.7	550.0	-7.2	-23.6	222.9	28.5	19.4	20.9	315.7	319.1	1.0	25.6	15.7	62.
13.1	50.1	5273.3	525.0	-10.0	-26.0	222.8	27.9	18.9	20.5	316.4	319.3	0.9	25.6	18.2	59.
14.4	53.0	5647.7	500.0	-12.7	-28.2	221.4	29.8	19.7	22.3	317.6	320.1	0.7	25.7	20.6	57.
15.7	56.0	6036.9	475.0	-15.6	-30.7	222.4	28.4	19.2	21.0	318.7	320.8	0.6	25.8	22.7	56.
16.8	59.3	6443.3	450.0	-18.2	-32.2	222.7	31.3	21.3	23.0	320.3	322.3	0.6	26.0	24.5	55.
17.9	62.7	6867.5	425.0	-21.1	-34.7	224.6	31.9	22.4	22.8	321.9	323.5	0.5	28.1	26.6	54.
19.1	66.0	7312.3	400.0	-24.3	-36.9	231.6	31.3	24.6	19.5	323.4	324.9	0.4	29.7	28.9	53.
20.5	69.7	7779.1	375.0	-28.4	-40.5	233.2	36.5	29.2	21.9	323.9	325.0	0.3	30.1	31.8	53.
22.1	73.3	8270.3	350.0	-32.0	-43.6	230.8	27.1	21.0	17.1	325.5	326.4	0.2	30.1	35.1	53.
23.8	77.5	8788.8	325.0	-36.4	-47.3	234.7	25.9	21.1	15.0	326.4	327.0	0.2	31.1	37.5	53.
25.5	81.5	9337.8	300.0	-41.7	99.9	238.7	29.3	25.0	15.2	326.7	999.9	99.9	999.9	40.3	54.
27.4	85.8	9922.1	275.0	-46.4	99.9	236.1	35.6	29.5	15.8	328.1	999.9	99.9	999.9	44.5	54.
29.4	90.6	10548.9	250.0	-50.8	99.9	237.1	32.9	27.6	17.9	330.6	999.9	99.9	999.9	48.4	54.
31.5	95.6	11229.2	225.0	-54.7	99.9	239.9	40.6	35.2	20.4	334.2	999.9	99.9	999.9	52.4	54.
33.9	101.0	11979.0	200.0	-56.2	99.9	237.0	36.8	30.9	20.0	343.7	999.9	99.9	999.9	58.4	55.
36.2	107.0	12827.3	175.0	-55.6	99.9	237.4	32.5	27.4	17.5	358.2	999.9	99.9	999.9	63.3	55.
39.0	113.5	13807.2	150.0	-55.2	99.9	245.9	20.3	18.5	8.3	375.1	999.9	99.9	999.9	67.9	56.
42.2	121.0	14563.7	125.0	-57.3	99.9	235.0	33.0	27.0	18.9	391.3	999.9	99.9	999.9	73.8	56.
46.1	129.3	16367.6	100.0	-55.8	99.9	265.1	9.1	9.1	0.8	420.0	999.9	99.9	999.9	77.6	57.
51.1	138.3	18173.6	75.0	-62.4	99.9	222.4	3.6	2.4	2.7	442.1	999.9	99.9	999.9	81.8	57.
57.3	147.7	20704.0	50.0	-58.8	99.9	32.1	9.0	-4.8	-7.7	504.9	999.9	99.9	999.9	82.5	56.
67.4	158.0	25131.2	25.0	-51.1	99.9	253.8	5.1	4.9	1.4	637.8	999.9	99.9	999.9	81.3	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX

6 MAY 1975
1715 GMT

143 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	21.2	1619.0	832.0	10.0	-11.3	250.0	5.2	4.9	1.8	298.7	304.4	1.9	21.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	21.8	1688.7	825.0	7.0	-17.2	265.6	6.9	6.8	0.5	296.1	299.9	1.2	16.0	0.2	52.
1.3	24.3	1939.9	800.0	3.9	-20.0	257.8	7.2	7.0	1.5	295.4	298.4	1.0	15.4	0.6	76.
2.1	26.6	2196.8	775.0	1.8	-19.5	262.7	6.2	6.2	0.8	295.8	299.0	1.0	18.7	0.9	76.
2.9	29.2	2459.8	750.0	-0.7	-18.7	276.3	7.3	7.2	-1.0	295.9	295.4	1.2	24.1	1.2	79.
3.5	31.8	2729.4	725.0	-3.2	-18.6	290.5	7.5	7.0	-2.6	296.1	299.8	1.2	29.1	1.5	84.
4.1	34.4	3005.8	700.0	-6.0	-18.1	294.7	6.4	5.8	-2.7	296.0	299.9	1.3	37.8	1.7	89.
5.1	37.0	3288.9	675.0	-8.7	-18.9	302.7	7.0	5.9	-3.8	296.0	299.8	1.3	43.4	2.1	94.
6.2	39.8	3579.8	650.0	-11.7	-19.0	281.3	8.9	8.7	-1.7	295.8	299.8	1.3	54.8	2.5	98.
7.1	42.3	3879.0	625.0	-13.8	-25.2	272.2	14.4	14.4	-0.6	296.7	299.3	0.8	39.2	3.1	98.
8.1	45.3	4188.8	600.0	-14.8	-36.8	265.6	21.2	21.1	1.6	299.0	299.9	0.3	13.2	4.2	96.
9.5	48.4	4510.6	575.0	-14.6	-36.7	261.3	25.8	25.5	3.9	302.9	303.8	0.3	13.2	6.2	91.
11.3	51.1	4846.9	550.0	-14.3	-39.7	257.5	28.9	28.2	6.3	307.1	307.9	0.2	9.4	9.0	87.
12.4	54.4	5199.8	525.0	-14.9	-40.2	255.6	33.0	31.9	8.2	310.4	311.2	0.2	9.4	11.1	86.
13.5	57.4	5566.9	500.0	-17.6	-42.1	249.3	35.4	33.1	12.5	311.5	312.2	0.2	9.7	13.4	83.
14.7	60.9	5949.2	475.0	-19.7	-43.5	249.0	38.5	36.0	13.8	313.6	314.2	0.2	9.9	16.0	81.
16.2	64.3	6348.8	450.0	-22.3	-45.3	246.5	40.2	36.9	16.0	315.2	315.7	0.1	10.1	19.5	78.
18.2	67.7	6766.9	425.0	-24.6	-47.0	242.9	40.7	36.3	18.5	317.4	317.8	0.1	10.4	24.1	76.
19.5	71.2	7206.7	400.0	-26.1	-48.0	239.6	43.4	37.4	21.9	321.1	321.5	0.1	10.5	27.2	74.
21.0	75.1	7671.3	375.0	-29.0	-50.1	239.9	43.8	37.9	22.0	323.2	323.6	0.1	10.8	31.0	72.
22.3	79.2	8160.9	350.0	-32.7	-52.9	241.3	47.7*	41.9	22.9	324.5	324.8	0.1	11.2	34.9	71.
23.9	83.2	8678.7	325.0	-36.5	-55.7	239.2	44.5*	38.2	22.8	326.3	326.6	0.1	11.5	39.0	70.
26.0	87.4	9229.1	300.0	-41.0	59.9	239.3	48.8*	41.9	24.9	327.5	999.9	99.9	999.9	44.5	68.
27.7	92.0	9814.8	275.0	-45.9	99.9	241.4	43.4*	38.1	20.8	328.8	999.9	99.9	999.9	49.5	68.
29.7	96.8	10444.8	250.0	-49.0	99.9	240.9	38.9*	34.0	18.9	333.2	999.9	99.9	999.9	55.0	67.
32.1	101.8	11129.6	225.0	-53.3	99.9	238.8	39.7*	33.9	20.6	336.9	999.9	99.9	999.9	60.2	66.
34.6	107.5	11888.6	200.0	-53.3	99.9	234.4	31.2*	25.3	18.1	348.3	999.9	99.9	999.9	65.2	66.
38.0	113.3	12754.5	175.0	-50.3	99.9	235.6	24.7*	20.4	14.0	366.9	999.9	99.9	999.9	71.2	65.
40.8	119.9	13748.9	150.0	-56.1	99.9	236.2	33.2*	27.6	18.5	373.4	999.9	99.9	999.9	76.1	64.
44.9	127.0	14910.3	125.0	-56.0	99.9	241.8	31.1*	27.4	14.7	393.6	999.9	99.9	999.9	83.8	63.
49.5	135.0	16328.2	100.0	-54.6	99.9	251.7	16.0*	15.2	5.0	422.3	999.9	99.9	999.9	91.6	63.
54.8	143.0	18152.2	75.0	-58.1	99.9	165.1	8.3*	-2.1	8.1	451.0	999.9	99.9	999.9	93.3	62.
62.4	151.7	20702.8	50.0	-57.4	99.9	295.1	4.4	4.0	-1.9	508.3	999.9	99.9	999.9	94.3	62.
73.9	160.7	25143.5	25.0	-50.9	99.9	242.2	4.8	4.3	2.3	638.7	999.9	99.9	999.9	93.1	62.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL

6 MAY 1975
1800 GMT

157 22.0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
0.0	5.7	175.0	988.6	26.1	18.0	140.0	3.1	-2.0	2.4	302.0	357.0	13.3	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	6.9	297.0	975.0	24.4	16.6	144.8	4.3	-2.5	3.5	301.4	334.5	12.3	61.0	0.1	322.
1.3	6.2	524.4	950.0	22.5	15.8	149.2	3.6	-1.9	3.1	301.7	333.8	12.0	65.7	0.3	324.
2.1	11.3	756.2	925.0	20.3	16.3	150.1	4.7	-2.4	4.1	301.8	335.9	12.7	77.7	0.5	328.
2.9	13.6	992.8	900.0	18.4	14.6	139.2	5.7	-3.7	4.3	302.1	333.6	11.7	78.2	0.7	326.
3.8	15.9	1234.1	875.0	16.8	11.6	141.6	7.6	-4.7	6.0	302.5	329.4	9.9	71.5	1.1	324.
4.5	18.1	1480.6	850.0	14.6	9.8	142.7	8.0	-4.8	6.4	302.6	327.3	9.0	73.0	1.4	324.
5.4	20.5	1733.0	825.0	12.7	8.2	147.8	7.9	-4.2	6.7	303.1	326.0	8.3	73.9	1.9	324.
6.3	22.9	1990.8	800.0	10.9	4.5	156.4	7.5	-3.0	6.8	303.6	322.1	6.6	64.7	2.3	325.
7.0	25.3	2255.1	775.0	8.8	5.2	165.4	5.5	-1.4	5.3	304.3	324.4	7.2	78.2	2.5	327.
8.0	27.8	2525.9	750.0	6.8	4.4	192.2	3.7	1.2	3.5	304.9	324.6	7.1	85.0	2.8	330.
8.9	30.4	2804.4	725.0	5.6	0.8	228.6	5.1	3.8	3.4	306.4	322.4	5.6	71.4	2.8	333.
9.7	33.1	3090.9	700.0	4.0	-1.8	246.9	6.0	5.5	2.4	307.5	321.4	4.8	65.8	2.9	340.
10.7	35.7	3386.1	675.0	2.3	-11.0	270.7	5.1	5.1	-0.1	308.6	316.3	2.6	38.1	2.9	346.
11.5	38.4	3689.9	650.0	0.4	-15.5	296.3	5.3	4.7	-2.3	309.6	315.1	1.8	29.3	2.8	351.
12.4	41.0	4003.1	625.0	-1.7	-16.7	310.0	6.9	5.3	-4.4	310.7	315.9	1.7	30.7	2.6	356.
13.3	43.9	4326.4	600.0	-4.5	-17.1	306.2	8.2	6.6	-4.8	311.1	316.3	1.7	36.6	2.3	2.
14.3	46.9	4660.1	575.0	-7.3	-14.3	294.5	11.4	10.3	-4.7	311.6	318.4	2.2	57.3	2.1	16.
15.1	50.0	5005.0	550.0	-9.2	-23.6	287.0	13.3	12.7	-3.9	313.2	316.6	1.0	29.8	2.1	34.
16.2	52.9	5364.2	525.0	-10.4	-31.3	281.6	13.1	12.9	-2.6	315.9	317.7	0.5	16.0	2.6	52.
17.4	55.9	5739.3	500.0	-11.6	-30.6	279.2	16.5	16.3	-2.6	319.0	321.0	0.6	18.9	3.3	66.
19.0	59.1	6130.6	475.0	-13.9	-32.4	277.9	17.1	17.0	-2.3	320.8	322.6	0.5	19.1	4.8	76.
20.4	62.6	6539.2	450.0	-17.0	-34.9	280.3	17.2	16.9	-3.1	321.9	323.4	0.4	19.4	6.1	81.
21.6	65.9	6965.0	425.0	-20.4	-37.6	285.2	17.2	16.6	-4.5	322.8	324.1	0.3	19.6	7.3	85.
22.8	69.4	7411.3	400.0	-23.8	-40.4	287.6	17.6	16.7	-5.3	324.0	325.0	0.3	19.9	8.5	88.
24.1	73.0	7879.3	375.0	-27.4	-43.3	281.8	19.8	19.4	-4.0	325.3	326.1	0.2	20.1	9.9	90.
25.4	76.9	8371.8	350.0	-31.6	-39.5	286.9	20.8	19.9	-6.0	326.1	327.3	0.3	45.8	11.5	92.
27.2	80.9	8892.6	325.0	-35.4	-41.2	285.5	23.6	22.8	-6.3	327.9	329.0	0.3	54.6	13.8	95.
29.1	85.0	9445.3	300.0	-39.5	-45.6	279.2	25.2	24.8	-4.0	329.6	330.4	0.2	51.7	16.5	96.
31.1	89.3	10036.5	275.0	-43.4	99.9	269.9	26.0	26.0	0.1	332.3	999.9	99.9	99.9	19.6	96.
32.9	94.0	10669.6	250.0	-49.2	99.9	272.7	25.4	25.4	-1.2	332.9	999.9	99.9	99.9	22.3	95.
34.8	99.0	11351.4	225.0	-55.4	99.9	275.3	22.8	22.7	-2.1	333.6	999.9	99.9	99.9	25.2	95.
37.0	104.2	12092.5	200.0	-61.4	99.9	268.3	22.6	22.6	0.7	335.6	999.9	99.9	99.9	28.1	95.
39.5	110.0	12912.4	175.0	-66.6	99.9	267.9	24.3	24.3	0.9	340.1	999.9	99.9	99.9	31.6	94.
42.8	116.3	13843.1	150.0	-67.6	99.9	280.5	25.9	25.4	-4.7	353.6	999.9	99.9	99.9	36.7	94.
46.5	123.3	14954.7	125.0	-60.7	99.9	302.5	20.2	17.0	-10.8	385.1	999.9	99.9	99.9	42.1	97.
51.1	131.0	16361.8	100.0	-56.7	99.9	293.4	14.7	13.5	-5.8	418.1	999.9	99.9	99.9	46.4	98.
57.4	139.7	18172.9	75.0	-58.4	99.9	314.4	6.1	4.3	-4.3	450.5	999.9	99.9	99.9	50.6	99.
65.0	149.0	20716.5	50.0	-57.9	99.9	125.2	1.8	-1.5	1.1	507.0	999.9	99.9	99.9	52.0	101.
76.9	159.5	25172.7	25.0	-49.5	99.9	999.9	99.9	99.9	99.9	642.7	999.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KAN

6 MAY 1975
1715 GMT

144 36. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.7	12.8	791.0	913.4	18.9	-5.2	220.0	9.3	6.0	7.1	300.1	308.3	2.8	19.0	0.0	7.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	14.0	917.0	900.0	16.7	-1.7	230.1	10.1	7.7	6.5	295.2	309.9	3.8	28.5	0.3	48.
1.0	15.9	1155.5	875.0	14.0	-4.0	228.9	10.6	8.0	7.0	298.7	308.0	3.3	28.5	0.6	49.
1.5	18.1	1398.8	850.0	11.5	-8.1	226.9	10.4	7.6	7.1	298.6	306.8	2.9	28.6	0.9	49.
2.2	20.3	1647.3	825.0	8.9	-7.2	229.4	11.1	8.4	7.2	298.4	306.1	2.7	31.2	1.3	48.
2.7	22.4	1900.7	800.0	6.4	-8.6	234.7	11.2	9.0	6.6	298.2	305.5	2.5	33.4	1.7	49.
3.6	24.7	2159.6	775.0	3.5	-10.9	235.1	12.8	10.5	7.3	297.9	304.2	2.2	34.0	2.3	51.
4.5	26.9	2424.9	750.0	2.4	-16.7	231.4	16.5	12.9	10.3	299.3	303.5	1.4	22.9	3.1	51.
5.3	29.3	2699.6	725.0	3.4	-17.5	229.9	19.6	15.0	12.6	303.3	307.4	1.3	19.8	4.0	51.
6.1	31.8	2984.7	700.0	3.5	-17.5	230.1	21.8	16.8	14.0	306.5	310.8	1.4	19.8	5.0	51.
6.9	34.3	3278.9	675.0	1.9	-18.7	226.3	23.6	17.0	16.3	308.0	312.0	1.3	19.9	6.0	51.
7.7	36.6	3582.4	650.0	0.6	-19.8	218.5	27.3	17.0	21.4	309.8	313.6	1.2	20.0	7.2	50.
8.5	39.2	3896.0	625.0	-1.1	-21.1	211.7	32.5	17.1	27.7	311.3	314.9	1.1	20.1	8.6	47.
9.4	41.8	4220.6	600.0	-2.8	-22.5	207.6	36.7	17.0	32.5	313.0	316.4	1.0	20.2	10.4	44.
10.4	44.6	4556.8	575.0	-4.8	-24.0	207.1	37.3	17.0	33.2	314.5	317.6	0.9	20.3	12.8	41.
11.6	47.4	4904.2	550.0	-7.9	-26.6	208.3	37.6	17.9	33.1	314.7	317.3	0.8	20.5	15.2	39.
12.6	50.3	5263.6	525.0	-11.0	-29.1	207.9	38.0	17.8	33.6	315.2	317.4	0.6	20.7	17.7	37.
13.8	53.2	5636.3	500.0	-13.7	-31.3	209.5	39.3	19.3	34.2	316.3	318.2	0.6	20.9	20.3	36.
15.1	56.1	6024.0	475.0	-16.4	-33.4	209.7	35.0	17.4	30.4	317.7	319.4	0.5	21.3	23.1	35.
16.4	59.4	6429.6	450.0	-17.5	-33.6	211.1	37.4	19.3	32.0	321.2	322.9	0.5	22.9	26.1	35.
17.8	62.7	6855.7	425.0	-20.5	-36.1	212.1	33.9	18.0	28.7	322.7	324.1	0.4	23.7	28.9	34.
19.2	66.0	7301.7	400.0	-23.0	-38.2	214.6	35.5	20.2	29.3	325.0	326.3	0.3	23.2	32.0	34.
20.6	69.7	7770.8	375.0	-27.3	-41.0	216.9	35.6	21.4	28.5	325.4	326.4	0.3	25.7	34.8	34.
22.3	73.2	8263.5	350.0	-31.4	-43.9	216.8	35.8	21.4	28.6	326.3	327.1	0.2	27.6	38.5	35.
23.9	77.2	8783.2	325.0	-36.0	-47.9	219.1	32.9	20.7	25.5	327.0	327.6	0.1	27.8	41.9	35.
25.9	81.2	9334.0	300.0	-40.5	99.9	218.7	34.4	21.5	26.9	328.2	999.9	99.9	999.9	46.3	35.
27.8	85.6	9922.4	275.0	-44.6	99.9	222.7	33.4	22.6	24.5	330.6	999.9	99.9	999.9	49.6	36.
30.0	90.2	10552.9	250.0	-49.6	99.9	222.6	28.5*	19.3	21.0	332.4	999.9	99.9	999.9	54.0	36.
32.3	95.3	11235.6	225.0	-54.3	99.9	221.5	27.5*	18.2	20.6	335.2	999.9	99.9	999.9	58.2	37.
34.8	100.6	11923.4	200.0	-58.5	99.9	227.9	24.8*	18.4	16.6	340.1	999.9	99.9	999.9	61.7	37.
38.0	106.8	12822.8	175.0	-57.1	99.9	226.7	26.0*	18.9	17.8	355.6	999.9	99.9	999.9	66.1	38.
41.6	113.3	13800.9	150.0	-56.2	99.9	241.4	19.9*	17.5	9.5	373.2	999.9	99.9	999.9	72.0	39.
45.7	121.0	14960.3	125.0	-55.7	99.9	220.0	21.5	13.8	16.5	394.1	999.9	99.9	999.9	75.3	40.
51.1	130.3	16381.1	100.0	-54.8	99.9	258.9	10.9	10.7	2.1	421.9	999.9	99.9	999.9	81.7	41.
57.6	139.3	18203.3	75.0	-58.9	99.9	13.1	1.2	-0.3	-1.2	449.5	999.9	99.9	999.9	85.1	42.
66.5	149.3	20747.7	50.0	-58.8	99.9	108.8	2.6	-2.5	0.8	505.1	999.9	99.9	999.9	85.7	42.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN

6 MAY 1975
1715 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMF M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	7.1	268.0	972.1	27.2	20.0	170.0	7.7	-1.3	7.6	304.9	346.4	15.4	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	6.7	470.4	950.0	23.2	17.1	186.8	12.1	1.4	12.0	302.5	337.5	13.1	68.8	0.6	6.
1.8	10.6	702.9	925.0	21.0	16.5	188.6	13.3	2.0	13.1	302.5	337.2	12.9	75.6	1.4	6.
2.8	12.7	939.9	900.0	19.1	15.9	201.1	14.7	5.3	13.7	302.9	337.2	12.7	81.5	2.1	9.
3.5	14.8	1182.1	875.0	17.3	14.4	207.6	16.6	7.7	14.7	303.4	335.6	11.9	83.0	2.9	13.
4.3	16.8	1429.8	850.0	15.7	13.4	211.5	14.6	7.6	12.5	304.1	335.3	11.5	86.5	3.6	17.
5.2	19.0	1683.1	825.0	13.7	11.8	208.1	15.1	7.1	13.3	304.5	333.6	10.7	88.7	4.3	19.
6.1	21.1	1942.4	800.0	11.8	10.6	207.1	16.2	7.4	14.4	305.1	332.9	10.1	92.3	5.2	20.
7.1	23.4	2208.1	775.0	11.2	0.4	214.9	14.4	8.3	11.8	306.5	321.2	5.1	47.9	6.1	22.
8.2	25.6	2482.5	750.0	11.3	-6.1	209.1	15.8	7.7	13.8	309.3	319.1	3.3	29.2	7.0	24.
9.3	27.9	2764.4	725.0	9.6	-14.0	200.6	16.1	5.7	15.0	310.2	315.7	1.8	17.4	8.1	24.
10.4	30.4	3054.2	700.0	7.3	-14.9	196.3	16.4	4.6	15.7	310.8	316.1	1.7	18.9	9.2	23.
11.7	32.9	3351.7	675.0	4.6	-17.2	194.3	17.0	4.2	16.5	311.0	315.6	1.5	18.6	10.4	22.
13.1	35.5	3657.7	650.0	2.1	-18.2	199.2	18.3	6.0	17.2	311.5	315.9	1.4	20.6	11.9	21.
14.4	38.0	3972.5	625.0	-0.5	-18.9	207.7	18.0	8.4	15.9	312.0	316.4	1.4	23.2	13.3	21.
15.8	40.6	4297.4	600.0	-3.3	-19.4	218.4	16.1	10.0	12.6	312.4	316.8	1.4	27.5	14.7	23.
17.2	43.3	4632.1	575.0	-6.4	-18.8	225.8	19.6	14.0	13.6	312.6	317.4	1.5	36.8	16.0	24.
18.5	46.2	4977.9	550.0	-8.6	-27.8	218.2	19.3	11.9	15.1	313.9	316.2	0.7	19.5	17.7	26.
19.9	49.2	5337.3	525.0	-10.9	-33.1	200.0	16.1	5.5	15.1	315.3	316.9	0.4	13.9	19.0	26.
21.4	52.0	5709.6	500.0	-14.3	-36.8	205.4	18.7	8.0	16.9	315.6	316.7	0.3	12.8	20.6	26.
23.0	55.2	6099.3	475.0	-15.1	-39.5	219.9	18.9	12.1	14.5	319.2	320.2	0.3	10.3	22.5	26.
24.6	58.3	6515.2	450.0	-18.6	-40.3	219.9	20.8	13.3	15.9	319.8	320.7	0.2	12.7	24.1	28.
26.4	61.7	6928.5	425.0	-22.1	-42.9	222.0	21.2	14.2	15.7	320.6	321.3	0.2	13.0	26.4	29.
28.0	65.3	7373.0	400.0	-23.9	-45.6	218.3	21.8	13.5	17.1	323.9	324.5	0.2	13.3	28.7	30.
29.7	68.7	7841.3	375.0	-27.3	-48.7	213.7	17.6	9.8	14.6	325.4	325.9	0.1	10.8	30.6	30.
31.8	72.5	8334.0	350.0	-31.5	-50.7	211.5	20.2	10.6	17.2	326.2	326.6	0.1	12.9	32.8	30.
33.8	76.5	8853.7	325.0	-36.1	-54.2	216.3	16.1	9.5	13.0	326.9	327.1	0.1	13.3	35.0	30.
35.9	80.6	9404.8	300.0	-40.2	99.9	208.2	18.2	8.6	16.1	328.7	999.9	99.9	999.9	37.2	31.
38.3	85.2	9991.5	275.0	-45.5	99.9	197.2	15.7	4.6	15.0	329.3	999.9	99.9	999.9	39.5	30.
40.7	89.8	10619.5	250.0	-50.8	99.9	194.2	16.3	4.0	15.8	330.5	999.9	99.9	999.9	42.0	29.
43.2	95.2	11298.1	225.0	-55.4	99.9	200.0	17.6	6.0	16.5	333.6	999.9	99.9	999.9	44.2	28.
45.9	101.6	12042.2	200.0	-59.2	99.9	208.1	20.5	9.6	18.0	339.0	999.9	99.9	999.9	47.1	28.
49.0	107.3	12875.2	175.0	-60.6	99.9	221.0	22.0	14.5	16.6	349.9	999.9	99.9	999.9	51.1	29.
52.3	113.7	13832.3	150.0	-62.2	99.9	224.6	15.7	11.0	11.2	362.9	999.9	99.9	999.9	53.4	29.
56.2	121.3	14922.1	125.0	-57.7	99.9	254.7	16.4	15.8	4.3	390.5	999.9	99.9	999.9	58.8	31.
60.8	130.3	16382.5	100.0	-55.8	99.9	256.5	14.8	14.4	3.5	419.5	999.9	99.9	999.9	61.6	33.
66.7	140.0	18191.9	75.0	-59.8	99.9	303.6	9.8	8.1	-5.4	447.6	999.9	99.9	999.9	62.8	36.
74.4	150.0	20743.2	50.0	-57.7	99.9	307.4	5.1	4.1	-3.1	507.5	999.9	99.9	999.9	63.4	39.
86.8	161.0	25124.8	25.0	-50.5	99.9	49.5	1.5	-1.1	-1.0	639.5	999.9	99.9	999.9	61.3	39.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, COLO

6 MAY 1975
1716 GMT

146 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.1	1474.0	845.0	5.6	-2.7	320.0	3.6	2.3	-2.8	293.0	303.2	3.7	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	21.8	1670.2	825.0	5.6	-6.9	305.2	5.7	4.6	-3.3	294.9	302.8	2.8	40.3	0.1	122.
1.0	24.2	1920.7	800.0	3.2	-7.6	304.1	4.8	4.0	-2.7	294.9	302.5	2.7	45.1	0.3	124.
1.5	26.5	2176.9	775.0	0.6	-8.0	285.8	4.5	4.3	-1.2	294.7	302.4	2.7	52.7	0.4	123.
2.0	29.0	2438.9	750.0	-1.9	-8.5	267.0	5.9	5.9	0.3	294.8	302.5	2.7	60.6	0.6	118.
2.5	31.7	2707.5	725.0	-4.4	-10.3	261.5	8.5	8.4	1.3	295.0	301.9	2.4	63.3	0.8	107.
3.1	34.4	2982.9	700.0	-6.9	-8.7	262.3	10.3	10.2	1.4	295.1	303.2	2.8	86.9	1.1	99.
3.8	36.9	3265.2	675.0	-10.0	-11.3	255.7	9.5	9.2	2.3	294.7	301.6	2.4	90.5	1.5	94.
4.6	39.8	3555.0	650.0	-12.3	-12.3	245.5	8.9	8.1	3.7	295.3	301.8	2.3	101.1	1.9	88.
5.2	42.4	3854.2	625.0	-13.9	-13.9	245.2	9.1	8.3	3.2	296.8	302.9	2.1	102.5	2.2	84.
6.0	45.3	4163.1	600.0	-17.4	-23.6	255.6	10.4	10.1	2.6	296.1	299.1	1.0	60.1	2.6	81.
7.0	48.4	4480.3	575.0	-19.9	-32.2	263.0	10.9	10.8	1.3	296.7	298.1	0.4	32.4	3.3	82.
8.1	51.3	4808.5	550.0	-22.4	-36.0	268.8	9.2	9.2	0.2	297.5	298.5	0.3	27.6	4.0	82.
9.2	54.4	5148.6	525.0	-24.9	-37.4	288.4	6.8	6.4	-2.1	298.5	299.5	0.3	30.1	4.5	84.
10.3	57.5	5501.7	500.0	-27.6	-36.9	281.0	5.5	5.4	-1.0	299.4	300.5	0.3	40.4	4.9	86.
11.6	60.9	5868.1	475.0	-30.9	-42.0	255.3	5.3	5.1	1.3	299.7	300.4	0.2	32.2	5.2	86.
12.8	64.3	6249.9	450.0	-33.4	-44.5	208.1	2.4	1.1	2.1	301.2	301.7	0.2	31.6	5.5	85.
14.1	67.6	6648.8	425.0	-36.5	-46.5	153.8	1.5	-0.7	1.3	302.2	302.7	0.1	34.3	5.5	83.
15.3	71.0	7066.2	400.0	-39.6	99.9	72.8	2.8	-2.7	-0.8	303.5	999.9	99.9	999.9	5.4	83.
16.8	75.0	7505.7	375.0	-42.0	99.9	18.9	1.7	-0.5	-1.6	306.0	999.9	99.9	999.9	5.2	84.
18.2	79.0	7971.6	350.0	-42.7	99.9	267.1	3.6	3.6	0.2	311.2	999.9	99.9	999.9	5.2	85.
19.7	83.0	8473.6	325.0	-40.9	99.9	266.3	9.9	9.9	0.6	320.3	999.9	99.9	999.9	5.9	85.
21.4	87.2	9021.2	300.0	-39.3	99.9	252.1	14.3	13.6	4.4	330.0	999.9	99.9	999.9	7.2	84.
23.3	92.0	9616.6	275.0	-38.8	99.9	233.7	15.8	12.7	9.4	339.0	999.9	99.9	999.9	8.8	80.
25.2	96.6	10269.9	250.0	-40.0	99.9	227.9	21.4	15.9	14.3	346.6	999.9	99.9	999.9	10.8	74.
27.8	101.8	10987.6	225.0	-41.3	99.9	236.0	21.5	17.8	12.0	355.2	999.9	99.9	999.9	13.8	70.
30.5	107.5	11781.8	200.0	-44.2	99.9	232.9	21.3	17.0	12.9	362.8	999.9	99.9	999.9	17.4	67.
33.6	113.5	12668.6	175.0	-48.6	99.9	233.6	22.1	17.8	13.1	369.7	999.9	99.9	999.9	21.3	64.
37.2	120.0	13679.0	150.0	-49.3	99.9	226.9	15.4	11.2	10.5	385.2	999.9	99.9	999.9	25.6	62.
41.3	127.3	14872.7	125.0	-49.9	99.9	252.3	7.5	7.1	2.3	404.6	999.9	99.9	999.9	28.5	61.
46.0	135.5	16318.7	100.0	-53.9	99.9	199.3	9.8	3.2	9.2	423.6	999.9	99.9	999.9	29.7	59.
51.7	143.5	18181.2	75.0	-53.9	99.9	154.7	7.6	-3.3	6.9	459.9	999.9	99.9	999.9	31.5	55.
59.2	152.7	20759.5	50.0	-55.6	99.9	305.7	2.5	2.0	-1.5	512.5	999.9	99.9	999.9	32.2	52.
70.0	162.7	25220.1	25.0	-51.6	99.9	60.5	2.7	-2.4	-1.4	636.6	999.9	99.9	999.9	31.2	52.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975
1730 GMT

132 103. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	6.1	180.0	992.9	22.0	18.8	130.0	4.1	-3.1	2.6	297.0	334.1	13.9	82.0	0.0	99.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	7.7	337.7	975.0	19.7	16.7	189.6	3.2	0.5	3.2	298.7	329.2	12.4	83.0	0.1	325.
1.6	10.7	561.3	950.0	17.4	16.3	205.7	5.4	2.3	4.8	296.5	329.0	12.4	93.1	0.3	356.
2.5	12.0	789.2	925.0	16.0	15.2	220.1	9.1	5.8	7.0	297.2	328.4	11.8	95.0	0.7	19.
3.4	14.3	1022.8	900.0	15.2	14.3	216.6	9.8	5.8	7.8	298.7	329.3	11.5	94.1	1.2	27.
4.3	16.4	1262.1	875.0	14.5	13.4	213.0	9.1	4.9	7.6	300.3	330.2	11.2	93.1	1.7	29.
5.2	18.7	1507.3	850.0	12.8	11.6	214.9	9.5	5.4	7.8	300.9	328.4	10.2	92.4	2.2	31.
6.2	21.0	1758.2	825.0	11.8	10.6	209.9	9.7	4.8	8.4	302.3	329.0	9.8	92.6	2.7	31.
7.2	23.4	2015.8	800.0	10.1	8.6	212.6	10.0	5.4	8.4	303.0	327.2	8.8	90.4	3.4	31.
8.1	25.7	2280.1	775.0	9.2	7.2	221.7	8.9	5.9	6.6	304.8	327.8	8.3	87.6	3.9	32.
9.3	28.2	2551.5	750.0	7.3	5.3	228.5	9.5	7.1	6.3	305.5	326.4	7.5	86.9	4.4	34.
10.3	31.8	2829.9	725.0	5.0	2.5	230.6	10.1	7.8	6.4	305.7	323.6	6.3	83.7	5.0	36.
11.5	33.4	3115.9	700.0	3.6	-4.2	229.0	8.8	6.6	5.8	306.9	318.7	4.0	56.9	5.7	37.
12.6	35.9	3410.2	675.0	1.5	-4.6	232.5	8.3	6.5	5.0	307.9	319.7	4.0	64.0	6.2	38.
13.7	38.7	3712.9	650.0	-1.5	-6.6	241.2	6.1	5.4	2.9	307.7	318.3	3.6	68.1	6.7	40.
15.0	41.3	4024.3	625.0	-3.5	-8.6	263.9	3.8	3.8	0.4	308.8	318.4	3.2	67.6	7.0	41.
16.1	44.3	4346.0	600.0	-5.4	-16.5	295.3	5.4	4.9	-2.3	310.1	315.5	1.7	41.1	7.2	43.
17.3	47.3	4678.9	575.0	-7.6	-17.8	286.7	7.2	6.9	-2.1	311.3	316.4	1.6	43.4	7.3	47.
18.5	50.3	5023.1	550.0	-10.6	-25.6	278.9	9.1	9.0	-1.4	311.6	314.5	0.9	29.6	7.7	50.
20.0	53.4	5379.4	525.0	-12.2	-33.4	275.3	10.5	10.4	-1.0	313.7	315.2	0.4	15.2	8.3	55.
21.4	56.4	5752.3	500.0	-13.2	-34.1	262.5	11.3	11.2	1.5	317.0	318.5	0.4	15.2	9.1	58.
22.7	55.8	6141.1	475.0	-15.7	-36.0	278.7	8.4	8.3	-1.3	318.5	319.8	0.4	15.5	9.8	60.
24.3	53.3	6546.2	450.0	-18.9	-38.5	277.1	8.7	8.6	-1.1	319.5	320.6	0.3	15.7	10.3	63.
25.7	66.7	6969.2	425.0	-22.0	99.9	264.3	9.3	9.2	0.9	320.7	999.9	99.9	999.9	11.0	65.
27.4	70.4	7411.9	400.0	-25.6	99.9	274.4	12.0	12.0	-0.9	321.6	999.9	99.9	999.9	12.0	67.
29.1	74.2	7877.6	375.0	-28.0	99.9	282.4	16.5	16.2	-3.5	324.6	999.9	99.9	999.9	13.3	70.
31.0	78.3	8369.5	350.0	-31.0	99.9	279.6	19.9	19.8	-3.3	326.9	999.9	99.9	999.9	15.0	74.
33.0	82.5	8891.2	325.0	-35.1	99.9	286.1	20.6	19.8	-5.7	328.3	999.9	99.9	999.9	17.4	78.
35.1	86.8	9443.3	300.0	-39.9	99.9	288.4	23.1	21.9	-7.3	329.2	999.9	99.9	999.9	19.8	82.
37.1	91.8	10032.7	275.0	-44.2	99.9	295.1	28.3	25.7	-12.0	331.3	999.9	99.9	999.9	22.4	87.
39.3	96.6	10665.0	250.0	-49.2	99.9	270.9	30.9	30.9	-0.5	332.9	999.9	99.9	999.9	26.2	87.
42.0	102.0	11345.2	225.0	-55.9	99.9	267.3	31.1	31.1	1.5	332.9	999.9	99.9	999.9	31.4	87.
44.8	108.3	12082.5	200.0	-62.9	99.9	273.5	32.3	32.3	-1.9	333.2	999.9	99.9	999.9	36.9	88.
47.5	114.5	12895.5	175.0	-67.1	99.9	274.2	36.8	36.7	-2.7	339.3	999.9	99.9	999.9	42.6	88.
50.5	121.7	13825.9	150.0	-66.8	99.9	286.0	40.0	38.4	-11.0	355.0	999.9	99.9	999.9	49.5	90.
54.1	129.7	14928.9	125.0	-66.5	99.9	306.3	27.7	22.3	-16.4	374.6	999.9	99.9	999.9	55.7	94.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

6 MAY 1975
1900 GMT

155 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	362.0	963.5	28.0	5.6	240.0	3.1	2.7	1.5	305.2	322.0	5.9	24.0	0.0	6.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	10.2	486.4	950.0	25.1	6.1	242.0	5.3	4.7	2.5	303.5	321.0	6.3	29.7	0.1	119.
1.2	12.4	719.0	925.0	22.3	3.9	246.0	6.0	5.4	2.4	302.9	318.4	5.5	30.0	0.3	82.
1.7	14.7	956.0	900.0	20.1	2.8	254.6	6.3	6.1	1.7	302.9	317.6	5.2	31.8	0.5	77.
2.4	17.0	1197.6	875.0	17.6	1.5	262.9	5.5	5.5	0.7	302.8	316.6	4.9	33.7	0.7	78.
3.2	19.4	1444.5	850.0	15.5	1.1	271.0	4.7	4.7	-0.1	303.1	316.9	4.9	37.3	1.0	80.
4.1	21.7	1696.4	825.0	13.0	-0.3	269.3	5.9	5.9	0.1	302.9	315.9	4.6	40.1	1.2	83.
5.0	24.3	1954.3	800.0	12.1	-3.4	250.8	10.2	9.6	3.4	304.6	315.4	3.7	33.7	1.7	82.
6.1	26.7	2219.5	775.0	10.4	-5.1	245.4	12.4	11.3	5.1	305.4	315.3	3.4	33.2	2.4	77.
7.3	29.3	2491.1	750.0	8.0	-7.2	249.4	14.8	13.8	5.2	305.6	314.4	3.0	33.2	3.3	74.
8.3	32.0	2769.6	725.0	5.9	-8.6	250.1	17.3	16.3	5.9	306.3	314.5	2.7	34.2	4.4	74.
9.5	34.9	3056.2	700.0	4.4	-10.5	237.3	17.3	14.6	9.4	307.7	315.1	2.5	32.8	5.6	72.
10.6	37.4	3351.5	675.0	2.5	-11.1	222.3	17.2	11.6	12.7	308.8	316.2	2.4	35.8	6.8	68.
11.8	40.2	3655.6	650.0	0.7	-10.0	208.1	18.1	8.5	15.9	310.1	318.3	2.7	44.4	7.7	63.
13.1	43.0	3959.7	625.0	-1.0	-4.6	208.9	23.1	11.2	20.2	311.9	324.8	4.4	76.2	9.0	57.
14.4	46.0	4295.0	600.0	-2.5	-13.8	212.9	26.3	14.3	22.1	313.5	320.3	2.2	41.5	10.9	53.
15.6	49.1	4631.0	575.0	-5.5	-17.2	216.3	26.0	15.4	21.0	313.7	319.1	1.7	39.1	12.7	50.
16.8	52.1	4977.6	550.0	-8.3	-28.4	219.8	25.9	16.6	19.9	314.3	316.5	0.7	17.8	14.5	48.
18.0	55.3	5337.4	525.0	-10.3	-28.7	220.1	28.6	18.4	21.9	316.1	318.3	0.7	20.4	16.4	48.
19.2	58.6	5710.8	500.0	-13.5	-31.3	217.0	29.9	18.0	23.9	316.6	318.4	0.6	20.5	18.6	47.
20.6	62.0	6099.1	475.0	-15.8	-33.2	211.0	30.3	15.6	25.9	318.4	320.0	0.5	20.7	21.0	45.
22.0	65.4	6505.0	450.0	-18.6	-35.3	212.8	27.4	14.8	23.0	319.9	321.3	0.4	21.2	23.5	43.
23.5	69.0	6928.1	425.0	-22.0	-37.9	221.7	25.9	17.2	19.3	320.8	322.0	0.3	21.9	25.7	43.
25.0	72.7	7370.8	400.0	-25.9	-40.2	224.2	25.6	17.9	18.4	321.3	322.3	0.3	24.6	28.0	43.
26.5	76.7	7834.4	375.0	-29.8	-43.4	229.2	26.3	19.9	17.2	322.1	322.9	0.2	24.9	30.3	43.
28.2	80.8	8323.3	350.0	-33.0	-47.4	241.5	29.3	25.8	14.0	324.2	324.8	0.1	21.8	33.1	44.
30.0	85.1	8849.3	325.0	-36.9	99.9	246.1	35.1	32.1	14.3	325.8	999.9	99.9	999.9	36.2	46.
31.9	89.5	9390.3	300.0	-40.7	99.9	244.4	40.6	36.6	17.6	328.0	999.9	99.9	999.9	40.6	48.
33.9	94.4	9977.3	275.0	-44.9	99.9	244.5	41.7	37.6	18.0	331.2	999.9	99.9	999.9	45.1	50.
35.9	99.3	10608.7	250.0	-49.1	99.9	245.0	46.0	41.6	19.4	333.1	999.9	99.9	999.9	50.4	51.
38.0	104.5	11292.9	225.0	-53.9	99.9	250.9	39.2	37.1	12.8	335.9	999.9	99.9	999.9	55.8	53.
40.2	110.3	12040.9	200.0	-58.2	99.9	250.9	35.2	33.2	11.5	340.6	999.9	99.9	999.9	60.7	54.
42.9	116.3	12980.0	175.0	-59.1	99.9	245.9	51.7*	47.2	21.1	352.4	999.9	99.9	999.9	67.4	56.
45.7	123.3	13847.4	150.0	-58.4	99.9	245.8	32.8*	30.8	11.3	369.6	999.9	99.9	999.9	74.6	57.
49.1	130.5	14988.1	125.0	-60.4	99.9	250.8	30.3*	28.6	10.0	385.6	999.9	99.9	999.9	79.9	58.
52.8	138.0	16378.1	100.0	-62.0	99.9	257.7	15.7	15.3	3.3	407.6	999.9	99.9	999.9	84.8	59.
57.3	145.7	18151.7	75.0	-63.5	99.9	283.0	5.7	5.6	-1.3	439.9	999.9	99.9	999.9	88.4	60.
62.9	153.7	20653.8	50.0	-60.6	99.9	33.1	3.7	-2.0	-3.1	500.8	999.9	99.9	999.9	88.2	60.
72.5	162.3	25094.9	25.0	-49.7	99.9	999.9	99.9	99.9	99.9	642.2	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

6 May 1975

2100 GMT

85-107
~~85-108~~

STATION NO. 232
BOOTHVILLE, LA

6 MAY 1975
2015 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SFC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.	5.3	1.0	1009.5	27.8	24.7	160.7	6.7	-2.3	6.3	302.7	353.3	19.0	80.7	0.7	0.
0.3	5.9	85.0	1000.0	25.8	21.9	160.0	9.3	-3.2	8.7	301.2	345.6	16.8	79.3	0.3	342.
1.4	8.1	308.0	975.0	23.5	21.7	168.6	11.5	-2.3	11.3	301.1	346.0	17.0	89.6	1.0	342.
2.4	10.3	535.4	950.0	22.4	18.7	176.3	13.0	-0.8	13.7	301.9	340.6	14.5	79.9	1.6	347.
3.3	12.5	767.5	925.0	20.9	16.7	178.4	11.9	-0.3	11.9	302.5	337.6	13.1	76.9	2.3	350.
4.3	14.7	1004.8	900.0	20.6	13.0	202.0	7.9	3.0	7.4	304.2	333.1	10.6	61.8	2.8	353.
5.2	16.8	1248.5	875.0	19.6	11.4	212.1	8.4	4.4	7.1	305.5	332.3	9.7	58.8	3.3	358.
6.3	19.1	1497.5	850.0	18.0	6.2	192.6	7.7	1.7	7.6	306.0	325.8	7.0	45.8	3.7	2.
7.4	21.3	1752.5	825.0	16.2	3.3	191.7	4.8	1.0	4.7	306.5	323.3	5.9	42.1	4.1	3.
8.4	23.7	2013.6	800.0	14.9	2.2	234.5	4.9	4.0	2.8	307.8	324.0	5.6	42.4	4.3	4.
9.6	25.9	2281.8	775.0	14.1	0.0	233.4	6.2	5.0	3.7	309.6	324.1	5.0	38.0	4.6	9.
10.6	28.3	2537.8	750.0	12.6	-3.7	232.3	5.7	4.5	3.5	310.8	323.0	4.1	33.9	4.9	11.
11.8	30.9	2841.7	725.0	11.4	-0.7	252.3	7.9	7.5	2.4	312.6	327.4	5.0	43.0	5.2	15.
13.0	33.5	3134.0	700.0	8.9	-4.2	256.4	9.2	9.0	2.2	312.9	325.0	4.1	39.6	5.5	21.
14.2	35.9	3434.7	675.0	6.9	-12.6	259.4	10.7	10.5	2.0	313.6	323.3	2.2	23.3	6.0	27.
15.5	38.6	3742.9	650.0	4.9	-19.8	271.7	14.1	14.1	-0.4	314.6	318.5	1.2	14.6	6.5	33.
16.7	41.1	4061.5	625.0	3.7	-20.5	279.5	17.2	17.0	-2.8	316.8	320.7	1.2	15.1	7.1	42.
18.1	43.9	4397.9	600.0	1.0	-17.0	274.3	18.0	18.0	-1.4	317.4	322.8	1.7	24.6	8.0	51.
19.4	46.8	4731.3	575.0	-1.9	-13.7	266.9	20.3	20.3	1.1	318.0	325.3	2.3	40.2	9.2	57.
20.7	49.8	5082.9	550.0	-5.0	-14.0	261.0	21.5	21.3	3.4	318.4	325.9	2.4	49.4	10.7	61.
22.3	52.6	5446.6	525.0	-8.1	-13.4	265.9	23.1	23.1	1.7	319.0	327.2	2.6	65.4	12.7	64.
23.8	55.5	5824.0	500.0	-11.2	-15.3	273.0	23.2	23.1	-1.2	319.7	327.1	2.3	71.6	14.7	68.
25.3	58.6	6217.9	475.0	-10.9	-39.5	278.4	22.5	22.3	-3.3	324.4	325.3	0.3	7.3	16.6	72.
26.8	61.9	6630.9	450.0	-13.6	-40.9	278.1	20.7	20.5	-2.9	326.1	327.0	0.2	7.8	18.3	74.
28.4	65.2	7063.2	425.0	-16.4	-42.5	286.7	21.1	20.3	-6.1	327.8	328.6	0.2	8.3	20.7	77.
30.1	68.6	7516.7	400.0	-20.1	-41.4	286.9	23.5	22.5	-6.8	328.9	329.8	0.2	12.8	22.0	80.
32.7	72.0	7990.8	375.0	-23.6	-43.4	287.0	26.1	24.9	-8.0	330.4	331.2	0.2	14.1	24.7	83.
33.9	75.3	8491.8	350.0	-27.3	-42.6	292.5	26.0	24.0	-10.0	331.9	332.8	0.2	21.7	27.2	86.
35.9	79.7	9021.1	325.0	-31.4	-40.6	288.2	30.2	28.7	-9.4	333.4	334.6	0.3	39.5	30.1	88.
39.0	83.7	9582.2	300.0	-36.2	-43.8	282.7	35.8	35.0	-7.4	334.3	335.3	0.3	44.6	33.9	90.
40.1	87.8	10180.2	275.0	-40.9	99.9	273.9	38.8	38.7	-2.6	336.0	999.9	99.9	99.9	38.8	91.
42.4	92.5	10821.6	250.0	-46.3	99.9	273.3	35.9	35.8	-2.1	337.2	999.9	99.9	99.9	44.0	92.
44.9	97.2	11512.0	225.0	-52.6	99.9	275.9	38.9	38.7	-4.0	337.9	999.9	99.9	99.9	49.7	92.
47.7	102.3	12264.2	200.0	-57.2	99.9	286.8	41.2	39.4	-11.9	342.2	999.9	99.9	99.9	56.1	93.
50.5	108.7	13098.9	175.0	-62.3	99.9	283.3	43.7	42.5	-10.7	347.2	999.9	99.9	99.9	62.7	95.
54.1	114.3	14042.2	150.0	-66.3	99.9	277.4	44.8	44.4	-5.7	355.9	999.9	99.9	99.9	72.8	95.
58.0	121.7	15147.9	125.0	-67.2	99.9	291.2	46.3*	43.1	-16.8	373.2	999.9	99.9	99.9	84.2	96.
62.6	128.7	16489.0	100.0	-66.2	99.9	284.4	26.0*	25.2	-6.5	399.9	999.9	99.9	99.9	93.2	98.
68.3	137.0	18202.1	75.0	-74.7	99.9	286.7	15.6*	14.9	-4.5	416.3	999.9	99.9	99.9	98.6	99.
76.2	145.3	20684.1	50.0	-61.3	99.9	302.3	3.5	2.9	-1.9	499.2	999.9	99.9	99.9	99.5	99.
89.8	155.0	25127.1	25.0	-46.3	99.9	108.3	2.8	-2.7	0.9	651.4	999.9	99.9	99.9	99.1	99.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

6 MAY 1975
2015 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	4.7	100.7	998.7	25.9	20.0	150.0	4.2	-2.1	3.6	301.2	340.8	14.9	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	6.4	310.5	975.0	22.3	18.6	158.9	7.7	-2.8	7.1	299.5	336.5	14.0	79.4	0.2	339.
1.4	8.4	536.5	950.0	7.7	17.2	167.7	9.5	-2.0	9.3	299.9	334.9	13.2	80.7	0.5	341.
2.1	10.4	767.3	925.0	19.2	16.1	175.2	11.9	-1.0	11.9	300.6	334.1	12.5	82.3	1.0	346.
2.8	12.4	1003.2	900.0	18.7	13.7	189.0	12.6	2.2	12.4	302.2	332.1	11.1	72.9	1.6	351.
3.6	14.6	1245.4	875.0	18.0	13.2	214.6	11.5	6.5	9.4	304.0	334.0	11.0	73.7	2.1	360.
4.6	16.6	1493.5	850.0	15.9	14.8	224.8	13.0	9.2	9.2	304.5	338.8	12.6	93.3	2.6	10.
5.5	18.8	1747.1	825.0	13.7	13.3	229.3	12.9	9.8	8.4	304.6	336.6	11.8	97.5	3.3	18.
6.5	20.9	2006.9	800.0	12.6	12.2	240.2	12.4	10.7	6.1	306.1	337.1	11.3	97.5	3.8	24.
7.3	23.3	2274.0	775.0	11.7	11.4	249.1	12.6	11.8	4.5	307.8	338.3	11.0	98.1	4.3	30.
8.4	25.5	2548.3	750.0	9.2	7.0	254.8	11.6	11.2	3.1	307.6	331.3	8.4	86.1	5.0	36.
9.4	27.9	2828.4	725.0	7.9	0.7	251.1	9.7	9.2	3.1	308.8	324.9	5.6	60.4	5.4	40.
10.3	30.4	3117.9	700.0	6.4	-0.3	248.8	8.9	9.3	3.2	310.3	325.9	5.4	62.2	5.9	42.
11.7	32.9	3415.5	675.0	4.7	2.4	251.3	7.4	7.0	2.4	311.5	325.5	4.8	59.9	6.4	45.
12.3	35.5	3722.2	650.0	2.4	-4.7	261.0	5.7	5.7	0.9	312.2	324.5	4.2	59.6	6.7	46.
13.5	38.0	4038.1	625.0	0.5	-0.5	271.2	4.3	4.3	-0.1	313.4	322.5	3.0	47.0	6.9	48.
14.6	40.6	4365.2	600.0	-1.2	-11.8	275.6	5.7	5.7	-0.6	315.1	323.1	2.6	44.1	7.2	50.
15.8	43.4	4703.2	575.0	-3.4	-18.5	282.3	8.7	8.5	-1.9	316.2	321.2	1.6	30.3	7.5	53.
17.1	46.2	5053.9	550.0	-6.4	-32.9	287.6	11.2	10.6	-3.4	318.9	320.4	0.4	8.5	8.1	58.
18.5	49.3	5419.3	525.0	-6.3	-34.2	289.0	10.0	9.4	-3.2	320.9	322.3	0.4	8.8	8.7	62.
19.8	52.1	5798.9	500.0	-9.3	-36.1	285.9	12.6	12.1	-3.5	321.7	323.0	0.3	9.1	9.3	66.
21.2	55.2	6192.9	475.0	-12.4	-38.2	282.0	15.5	15.1	-3.2	322.6	323.6	0.3	9.5	10.2	70.
22.6	58.3	6603.8	450.0	-15.3	-40.1	276.2	20.4	20.3	-2.2	324.0	324.9	0.3	9.8	11.5	73.
24.1	61.7	7033.6	425.0	-17.2	-41.4	277.7	22.6	22.4	-3.0	326.8	327.7	0.2	10.0	13.4	77.
25.6	65.2	7485.4	400.0	-20.8	-43.9	286.1	24.2	23.3	-6.7	327.9	328.6	0.2	10.4	15.4	80.
27.3	68.7	7958.7	375.0	-24.7	-46.7	288.3	27.2	25.8	-8.5	328.8	329.4	0.1	10.9	17.6	84.
29.1	72.3	8456.9	350.0	-28.9	-45.0	287.4	30.8	29.4	-9.2	329.7	330.4	0.2	19.4	20.4	88.
30.9	76.3	8982.5	325.0	-33.0	-45.0	285.1	34.2	33.0	-8.9	331.1	331.9	0.2	28.7	23.8	90.
32.8	80.4	9539.6	300.0	-38.1	-50.2	283.5	34.8	33.8	-8.1	331.6	332.0	0.1	26.6	27.6	92.
34.8	84.8	10132.2	275.0	-43.0	99.9	282.9	36.1	35.2	-8.1	332.9	999.9	99.9	999.9	32.4	94.
37.0	89.2	10768.2	250.0	-47.5	99.9	274.4	37.8	37.7	-2.9	335.4	999.9	99.9	999.9	37.0	94.
39.2	94.3	11456.3	225.0	-52.4	99.9	272.8	33.2	33.1	-1.6	338.2	999.9	99.9	999.9	41.7	94.
42.0	99.8	12208.4	200.0	-58.0	99.9	272.0	41.4	41.0	-5.8	341.0	999.9	99.9	999.9	47.7	94.
44.8	105.5	13039.8	175.0	-63.2	99.9	273.1	38.5	38.5	-2.1	345.7	999.9	99.9	999.9	54.3	95.
48.1	112.0	13995.9	150.0	-63.6	99.9	272.4	41.7	41.7	-1.8	360.5	999.9	99.9	999.9	61.8	94.
52.0	119.3	15177.5	125.0	-64.1	99.9	287.2	40.8	39.0	-12.1	379.0	999.9	99.9	999.9	72.7	95.
56.4	127.5	16461.9	100.0	-65.2	99.9	291.0	24.4	22.8	-8.8	401.8	999.9	99.9	999.9	81.7	96.
62.0	137.0	18221.4	75.0	-69.4	99.9	309.0	5.7	4.4	-3.6	427.5	999.9	99.9	999.9	86.7	97.
69.6	147.0	20726.8	50.0	-58.5	99.9	67.6	9.4	-8.7	-3.6	505.6	999.9	99.9	999.9	87.6	97.
81.5	155.3	25211.9	25.0	-47.3	99.9	298.4	6.7	5.9	-3.2	649.2	999.9	99.9	999.9	87.1	98.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 240
LAKE CHARLES, LA

6 MAY 1975
2015 GMT

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TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	5.0	1007.3	27.2	23.2	160.0	6.2	-2.1	5.8	302.2	350.2	18.1	79.9	0.0	5.
0.2	4.8	69.6	1000.0	26.0	22.4	161.3	7.0	-2.3	6.7	301.5	347.5	17.4	80.7	0.2	347.
1.1	6.6	293.1	975.0	24.2	21.0	164.7	7.5	-2.0	7.3	301.8	344.9	16.3	82.0	0.5	343.
2.1	8.6	520.7	950.0	22.2	20.0	169.3	8.5	-1.6	8.4	301.8	343.6	15.7	87.5	1.0	345.
2.9	10.6	752.8	925.0	20.5	18.4	164.1	7.5	-2.1	7.2	302.3	341.2	14.6	87.4	1.4	346.
3.9	12.6	989.7	900.0	18.7	17.2	173.7	6.7	-0.7	6.7	302.6	339.7	13.9	91.0	1.8	346.
4.8	14.7	1232.1	875.0	17.6	16.3	181.8	6.3	0.2	6.3	303.8	340.2	13.5	92.3	2.2	348.
5.7	16.6	1480.2	850.0	16.0	15.1	198.9	6.7	2.2	6.3	304.7	339.5	12.8	94.2	2.5	350.
6.8	18.9	1734.3	825.0	14.7	10.2	204.0	10.0	4.0	9.1	305.4	331.9	9.6	74.5	3.0	356.
7.8	20.9	1995.1	800.0	14.7	6.9	211.1	9.1	4.7	7.8	307.8	329.9	7.8	59.6	3.5	1.
8.7	23.2	2264.4	775.0	16.1	-6.5	218.6	6.6	4.1	5.2	318.6	320.7	3.0	20.4	3.8	5.
9.7	25.5	2541.8	750.0	14.0	-14.8	233.0	4.5	3.6	2.6	312.0	317.1	1.6	12.2	4.1	8.
10.7	27.8	2825.9	725.0	11.9	-22.9	250.4	3.6	3.4	1.2	312.6	315.3	0.8	7.0	4.2	11.
11.8	30.3	3117.7	700.0	9.2	-22.6	272.4	3.7	3.7	-0.2	312.7	315.6	0.9	8.6	4.3	13.
13.0	32.8	3417.1	675.0	6.5	-22.0	281.9	4.7	4.6	-1.0	313.0	316.2	1.0	10.8	4.3	17.
14.3	35.4	3724.8	650.0	3.7	-23.2	274.2	6.8	6.8	-0.5	313.2	316.2	0.9	11.9	4.4	23.
15.6	37.9	4041.6	625.0	1.8	-24.5	264.6	11.4	11.4	1.1	314.6	317.3	0.8	12.0	4.7	30.
17.0	40.5	4369.6	600.0	-0.4	-20.4	254.3	15.2	14.7	4.1	315.8	319.8	1.3	20.4	5.6	39.
18.4	43.3	4709.6	575.0	-2.4	-17.2	244.7	19.0	17.2	8.1	317.3	322.9	1.7	31.2	6.8	46.
19.7	46.1	5059.9	550.0	-5.0	-10.8	240.2	23.1	20.1	11.5	318.5	328.0	3.1	64.1	9.5	48.
21.1	49.1	5423.9	525.0	-7.8	-18.3	247.5	23.6	21.8	9.0	319.3	324.8	1.7	42.6	10.3	51.
22.5	52.0	5800.9	500.0	-11.0	-56.9	256.7	22.2	21.6	5.1	319.6	319.7	0.0	1.0	12.2	54.
23.9	55.2	6194.7	475.0	-12.2	-57.7	257.9	22.7	22.2	4.8	322.8	322.9	0.0	1.0	13.9	57.
25.3	58.3	6608.0	450.0	-14.8	-59.3	261.7	23.6	23.4	3.4	324.6	324.7	0.0	1.0	15.7	60.
26.9	61.7	7036.8	425.0	-16.9	-60.6	261.4	23.5	23.2	3.5	327.2	327.3	0.0	1.0	17.9	63.
28.7	65.3	7488.7	400.0	-20.0	-63.1	261.4	21.5	21.3	3.2	328.1	328.2	0.0	1.0	20.1	65.
30.4	69.0	7962.2	375.0	-24.8	-65.7	263.2	22.4	22.3	2.7	328.7	328.8	0.0	1.0	22.4	67.
32.3	72.7	8460.8	350.0	-28.5	-68.2	266.2	22.1	22.0	1.5	330.2	330.3	0.0	1.0	24.7	68.
34.2	76.8	8986.9	325.0	-33.2	-46.7	273.1	26.0	25.9	-1.4	330.8	331.5	0.2	24.7	27.4	71.
36.3	81.0	9545.2	300.0	-36.3	-43.2	268.9	32.0	32.0	0.6	334.1	335.2	0.3	48.6	30.8	73.
38.4	85.5	10143.4	275.0	-41.1	99.9	262.6	35.3	35.0	4.6	335.8	999.9	99.9	99.9	34.9	75.
40.5	90.4	10782.9	250.0	-47.0	99.9	260.1	33.0	32.5	5.7	336.2	999.9	99.9	99.9	39.4	75.
42.8	95.6	11470.4	225.0	-53.7	99.9	264.6	37.1	37.0	3.5	336.3	999.9	99.9	99.9	44.0	76.
45.5	101.0	12221.4	200.0	-57.0	99.9	270.2	42.8	42.8	-0.1	342.5	999.9	99.9	99.9	50.7	78.
48.6	107.5	13056.6	175.0	-61.1	99.9	263.7	47.7	47.4	5.2	349.2	999.9	99.9	99.9	59.0	79.
52.3	114.5	14008.2	150.0	-63.4	99.9	262.4	40.9	40.5	5.4	360.9	999.9	99.9	99.9	68.1	79.
56.2	122.3	15117.4	125.0	-66.7	99.9	288.4	32.2	30.6	-10.1	374.3	999.9	99.9	99.9	77.3	81.
61.3	131.5	16459.4	100.0	-68.8	99.9	286.7	23.6	22.6	-6.8	394.8	999.9	99.9	99.9	86.2	84.
67.2	141.3	18169.5	75.0	-71.8	99.9	289.5	15.0	14.1	-5.0	422.5	999.9	99.9	99.9	93.0	86.
76.1	152.5	20643.2	50.0	-58.4	99.9	353.8	4.3	0.7	-4.3	565.9	999.9	99.9	99.9	93.8	86.
89.5	164.0	25037.8	25.0	-48.5	99.9	43.9	2.5	-1.7	-1.8	645.1	999.9	99.9	99.9	93.9	86.

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STATION NO. 248
SHREVEPORT, LA

6 MAY 1975
2012 GMT

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TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GFM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	4.9	79.0	997.3	29.4	22.9	150.0	5.2	-2.6	4.5	305.2	353.3	17.9	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.9	6.3	280.5	975.0	26.8	21.2	159.2	5.2	-1.9	4.9	304.4	348.7	16.5	71.5	0.3	328.
1.6	8.3	510.3	950.0	25.0	21.0	176.8	4.5	-0.3	4.5	304.9	349.8	16.8	78.4	0.5	334.
2.5	10.3	744.6	925.0	22.9	18.8	201.8	4.7	1.8	4.4	304.8	345.1	15.0	77.7	0.7	345.
3.4	12.2	983.3	900.0	20.7	17.0	219.1	5.7	3.6	4.4	304.7	341.9	13.7	79.6	0.9	358.
4.3	14.2	1227.0	875.0	18.9	15.6	217.9	7.3	4.5	5.7	305.2	340.1	12.9	81.1	1.2	8.
5.2	16.1	1476.2	850.0	17.6	14.3	219.6	8.2	5.2	6.3	306.3	339.5	12.2	80.5	1.7	17.
6.3	18.3	1731.5	825.0	16.1	11.3	218.9	6.3	4.0	4.9	306.9	335.4	10.3	73.2	2.1	22.
7.5	20.4	1593.1	800.0	14.8	7.8	226.8	5.2	3.8	3.6	308.0	331.5	8.4	62.9	2.5	25.
8.6	22.5	2261.8	775.0	15.1	-2.4	228.4	2.2	1.6	1.5	310.6	323.0	4.2	30.4	2.7	27.
9.9	24.7	2538.9	750.0	14.3	-8.9	290.5	2.8	2.7	-1.0	312.5	320.4	2.6	19.1	2.8	28.
10.9	26.8	2823.8	725.0	12.3	-9.7	281.9	6.0	5.8	-1.2	313.3	321.1	2.5	20.5	2.9	34.
12.1	29.2	3116.2	700.0	9.7	-11.3	277.0	7.8	7.8	-1.0	313.5	320.7	2.3	21.3	3.1	43.
13.3	31.7	3416.1	675.0	6.3	-13.1	279.8	8.3	8.1	-1.4	312.9	319.4	2.1	23.4	3.5	51.
14.5	34.2	3723.9	650.0	3.6	-13.9	281.8	9.5	9.3	-1.9	313.2	319.5	2.0	26.4	3.9	58.
15.9	36.6	4040.5	625.0	0.6	-14.9	275.8	10.3	10.3	-1.0	313.3	319.3	1.9	30.0	4.6	65.
17.6	39.2	4366.3	600.0	-2.4	-16.3	271.7	10.6	10.6	-0.3	313.5	319.1	1.8	33.6	5.4	70.
19.5	41.7	4702.5	575.0	-5.1	-17.1	263.0	14.3	14.2	1.7	314.2	319.7	1.7	38.2	6.8	74.
21.4	44.4	5050.3	550.0	-7.5	-22.3	257.1	19.6	19.2	4.4	315.3	319.0	1.2	29.4	8.8	75.
23.2	47.3	5411.2	525.0	-8.5	-33.5	258.9	21.7	21.3	4.2	318.3	319.7	0.4	11.0	11.1	75.
25.3	50.2	5789.3	500.0	-8.9	-33.8	258.7	23.4	23.0	4.6	322.2	323.8	0.4	11.1	13.9	76.
27.6	53.1	6184.5	475.0	-11.6	-35.7	252.7	21.1	20.2	6.3	323.6	325.0	0.4	11.4	17.1	76.
29.7	56.0	6596.8	450.0	-14.3	-37.7	254.1	13.8	13.2	3.8	325.2	326.4	0.3	11.6	19.3	76.
31.8	59.3	7027.0	425.0	-18.2	-34.0	257.6	15.9	15.5	3.4	325.6	327.4	0.5	23.4	21.0	76.
34.2	62.7	7477.1	400.0	-21.1	-38.5	261.9	22.3	22.1	3.1	327.5	328.7	0.3	19.0	23.7	76.
37.1	66.0	7949.5	375.0	-25.1	-43.6	262.4	25.9	25.7	3.4	328.3	329.1	0.2	15.8	28.1	77.
39.7	69.7	8446.9	350.0	-29.5	-44.8	268.8	27.2	27.2	0.6	329.0	329.7	0.2	20.8	32.2	78.
42.0	73.3	8970.5	325.0	-34.2	-44.4	268.7	31.8	31.8	0.7	329.5	330.3	0.2	34.6	36.3	80.
45.1	77.5	9525.1	300.0	-38.8	-46.1	265.1	38.7	38.6	3.3	330.7	331.4	0.2	45.3	43.1	81.
50.0	81.5	10117.5	275.0	-42.5	99.9	262.6	44.9*	44.5	5.7	333.7	999.9	99.9	999.9	54.2	81.
54.6	86.0	10754.5	250.0	-47.4	99.9	260.1	38.9*	38.4	6.7	335.6	999.9	99.9	999.9	66.0	81.
59.9	90.8	11445.0	225.0	-52.0	99.9	266.0	46.2*	46.1	3.3	338.8	999.9	99.9	999.9	77.6	82.
66.3	96.0	12198.9	200.0	-57.7	99.9	267.5	47.6*	47.5	2.1	341.4	999.9	99.9	999.9	93.7	83.
72.9	101.5	13034.1	175.0	-61.9	99.9	267.7	53.4**	53.3	2.2	347.8	999.9	99.9	999.9	109.9	84.
81.6	108.9	13986.9	150.0	-62.1	99.9	264.3	66.5**	66.1	6.6	363.2	999.9	99.9	999.9	126.8	84.
95.2	115.3	15112.9	125.0	-63.5	99.9	276.6	46.0**	45.7	-5.3	379.9	999.9	99.9	999.9	145.9	85.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

6 MAY 1975
2015 GMT

161 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CC4P M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	7.0	1001.0	33.3	14.4	140.0	5.2	-3.3	4.0	307.8	336.6	10.4	32.0	0.0	0
0.3	4.7	16.0	1000.0	33.0	16.2	137.4	4.6	-3.1	3.4	307.8	340.9	12.0	38.1	0.0	350
1.0	6.7	244.0	975.0	29.5	22.8	181.8	3.9	0.1	3.9	307.4	356.6	18.2	67.1	0.3	312
2.0	8.7	476.0	950.0	27.5	21.7	197.6	3.2	1.0	3.0	307.5	354.8	17.5	70.5	0.5	344
2.9	10.9	712.4	925.0	25.7	19.6	261.8	4.6	4.6	0.7	307.7	350.5	15.7	69.0	0.6	358
3.8	13.1	953.4	900.0	23.1	18.1	289.4	6.0	5.7	-2.0	307.3	347.6	14.8	73.6	0.6	27
4.7	15.3	1199.3	875.0	22.3	12.8	306.3	7.0	5.6	-4.1	308.5	338.4	10.8	55.5	0.7	54
5.5	17.5	1452.5	850.0	24.0	11.5	294.7	6.4	5.8	-2.7	312.7	341.5	10.1	45.5	0.9	70
6.5	19.9	1713.4	825.0	23.6	8.9	252.8	5.4	5.1	1.6	314.8	340.0	8.7	39.1	1.2	32
7.2	22.1	1981.3	800.0	22.0	3.7	233.3	7.8	6.3	4.7	315.5	333.9	6.3	30.0	1.5	78
8.2	24.6	2255.9	775.0	19.9	0.2	217.5	9.9	6.0	7.9	315.9	330.9	5.0	26.7	1.9	69
9.4	26.9	2537.6	750.0	18.7	-5.1	216.5	12.2	7.2	9.8	317.3	328.1	3.5	19.5	2.6	60
10.5	29.5	2827.1	725.0	16.4	-6.0	212.2	12.7	6.8	10.7	317.9	328.3	3.4	20.9	3.4	54
11.7	32.2	3123.9	700.0	13.9	-8.9	212.3	12.8	6.8	10.8	318.3	327.0	2.8	19.6	4.2	49
12.7	34.8	3429.0	675.0	11.7	-10.0	220.4	13.8	9.0	10.5	319.0	327.3	2.6	20.8	5.1	47
13.8	37.3	3742.8	650.0	9.0	-12.0	224.0	16.2	11.3	11.7	319.4	326.8	2.3	21.3	6.0	46
14.9	40.1	4066.2	625.0	6.7	-7.2	219.3	17.7	11.2	13.7	320.6	331.7	3.6	36.2	7.2	46
16.1	42.9	4399.5	600.0	3.4	-8.5	217.7	17.4	10.7	13.8	320.5	330.9	3.3	41.1	8.4	44
17.2	45.9	4742.6	575.0	0.1	-18.4	220.9	14.7	9.6	11.1	320.3	325.5	1.6	23.5	9.5	44
18.3	48.9	5097.0	550.0	-2.3	-22.0	227.6	13.1	9.7	8.9	321.5	325.4	1.2	20.3	10.4	44
19.6	51.9	5464.2	525.0	-5.6	-15.6	236.8	14.7	12.3	8.0	321.9	329.9	2.2	45.3	11.4	45
20.8	55.0	5844.5	500.0	-8.7	-26.4	244.1	16.5	14.9	7.2	322.5	325.5	0.9	22.3	12.5	46
22.2	58.1	6240.5	475.0	-10.8	-29.2	248.0	19.2	17.8	7.2	324.7	327.2	0.7	20.2	13.9	48
23.6	61.6	6655.0	450.0	-13.0	-30.3	242.4	20.2	17.9	5.3	326.9	329.3	0.7	21.8	15.6	50
25.1	65.0	7087.6	425.0	-16.8	-32.7	236.1	20.9	17.4	11.7	327.5	329.5	0.6	23.6	17.3	51
26.6	68.6	7540.8	400.0	-19.5	-36.7	231.0	22.2	17.3	14.0	329.6	331.1	0.4	19.9	19.4	51
28.2	72.2	8016.6	375.0	-23.2	-39.4	239.9	19.2	16.6	9.6	330.8	332.0	0.3	21.1	21.2	51
29.9	76.3	8518.4	350.0	-26.5	-40.1	238.7	25.2	21.5	13.1	333.0	334.2	0.3	26.1	23.5	52
31.4	80.4	9049.2	325.0	-30.9	-43.3	242.8	30.5	27.1	14.0	334.0	335.0	0.2	28.2	26.1	53
33.1	84.9	9610.9	300.0	-36.0	-47.2	245.0	28.9	26.2	12.2	334.6	335.3	0.2	30.0	29.2	54
35.1	89.4	10209.4	275.0	-41.2	99.9	249.8	31.1	29.2	10.7	335.6	999.9	99.9	999.9	32.5	56
37.5	94.2	10851.7	250.0	-45.2	99.9	247.3	37.0	34.1	14.3	338.8	999.9	99.9	999.9	37.4	57
39.8	99.3	11545.4	225.0	-51.1	99.9	256.9	39.6	38.5	9.0	340.2	999.9	99.9	999.9	42.4	59
42.8	104.8	12300.8	200.0	-57.4	99.9	253.2	42.7	40.9	12.3	341.8	999.9	99.9	999.9	49.6	61
45.9	110.9	13138.9	175.0	-60.0	99.9	264.0	44.8	44.6	4.7	350.9	999.9	99.9	999.9	57.3	64
49.3	117.5	14091.8	150.0	-64.2	99.9	256.8	33.8	33.0	7.7	359.4	999.9	99.9	999.9	64.9	60
53.2	125.0	15198.5	125.0	-67.5	99.9	265.4	31.2	31.1	2.5	372.8	999.9	99.9	999.9	72.4	67
57.9	133.5	16535.4	100.0	-71.8	99.9	271.1	10.1	10.1	-0.2	389.1	999.9	99.9	999.9	77.5	68
63.6	142.0	18198.3	75.0	-76.6	99.9	317.4	3.9	2.6	-2.9	412.2	999.9	99.9	999.9	79.4	70
72.0	151.3	20677.5	50.0	-58.3	99.9	107.6	0.6	-0.5	0.2	506.3	999.9	99.9	999.9	78.8	70
85.2	161.0	25140.3	25.0	-46.4	99.9	70.1	7.8	-7.4	-2.7	651.2	999.9	99.9	999.9	76.0	70

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX

6 MAY 1975
2015 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	33.0	1000.3	28.3	23.9	180.0	4.2	0.0	4.2	304.0	354.6	19.0	77.0	0.0	0.
0.0	5.1	35.7	1000.0	28.3	23.9	999.9	99.9	99.9	99.9	304.0	354.7	19.0	77.2	999.9	999.
1.1	6.9	261.1	975.0	26.3	24.4	999.9	99.9	99.9	99.9	304.3	358.1	20.2	89.7	999.9	999.
1.9	9.0	490.9	950.0	24.8	23.7	999.9	99.9	99.9	99.9	305.0	358.0	19.9	93.9	999.9	999.
2.7	10.9	725.6	925.0	23.0	22.0	131.2	3.7	-2.8	2.5	305.3	354.4	18.3	93.8	0.7	322.
3.6	13.0	964.8	900.0	21.1	20.1	136.3	3.7	-2.6	2.7	305.5	350.6	16.7	94.2	0.9	320.
4.4	15.1	1239.8	875.0	20.3	19.2	145.6	3.7	-2.1	3.0	307.0	351.0	16.2	93.3	1.0	320.
5.3	17.2	1460.5	850.0	18.8	17.5	144.7	3.8	-2.2	3.1	307.9	349.0	15.1	92.4	1.2	321.
6.3	19.5	1717.1	825.0	16.7	14.1	151.9	4.7	-2.2	4.2	308.0	342.3	12.5	84.9	1.5	322.
7.4	21.5	1980.9	800.0	19.1	5.7	149.7	9.6	-4.8	8.3	312.5	333.4	7.2	41.5	1.9	324.
8.6	23.9	2253.5	775.0	18.7	0.5	148.2	10.6	-5.6	9.0	314.7	329.9	5.2	29.4	2.7	325.
9.6	26.1	2533.6	750.0	16.7	-1.3	157.7	9.6	-3.6	8.8	315.3	329.2	4.6	29.2	3.3	326.
10.8	28.5	2921.1	725.0	14.5	-3.9	174.6	8.8	-0.8	8.7	315.9	327.9	4.0	27.8	3.9	329.
12.0	31.0	3116.2	700.0	12.4	-5.0	190.3	8.3	1.5	8.2	316.7	328.3	3.8	29.3	4.4	334.
13.2	33.6	3419.8	675.0	9.8	-7.2	196.1	9.3	2.6	9.0	317.1	327.2	3.3	29.3	4.9	338.
14.4	35.9	3731.7	650.0	7.0	-3.0	202.1	9.9	3.7	9.2	317.5	331.8	4.7	49.0	5.5	343.
15.7	38.6	4052.7	625.0	3.8	1.1	210.5	11.3	5.7	9.7	317.7	337.4	6.7	82.3	6.1	348.
17.0	41.1	4383.6	600.0	1.7	-1.3	210.8	14.8	7.6	12.7	318.8	336.2	5.8	80.5	6.8	354.
18.3	44.0	4725.3	575.0	-0.8	-9.7	213.4	18.0	9.9	15.0	319.4	329.3	3.2	50.6	7.9	360.
19.7	46.9	5078.3	550.0	-4.3	-12.0	219.7	19.3	12.4	14.9	319.4	328.1	2.8	54.9	9.4	6.
21.0	49.9	5443.2	525.0	-7.0	-16.0	230.6	21.8	16.8	13.8	320.2	326.9	2.1	48.7	10.6	11.
22.5	52.8	5822.4	500.0	-9.4	-25.6	237.7	23.9	20.2	12.8	321.7	324.9	0.9	25.3	12.1	18.
23.8	55.7	6217.1	475.0	-11.6	-35.0	238.5	24.5	20.9	12.8	323.6	325.0	0.4	12.4	13.8	23.
25.5	59.0	6628.9	450.0	-14.4	-37.6	247.1	24.1	22.2	9.4	325.1	326.3	0.3	11.8	15.6	29.
27.2	62.4	7050.0	425.0	-17.0	-43.4	249.6	25.2	23.7	8.8	327.1	327.8	0.2	7.9	17.5	34.
28.7	65.8	7512.2	400.0	-20.1	-45.5	251.4	27.5	26.1	8.8	328.9	329.5	0.2	8.2	19.7	38.
30.6	69.4	7987.0	375.0	-24.2	-38.9	253.8	26.5	25.5	7.4	329.5	330.8	0.3	24.0	22.1	43.
32.3	73.0	8485.3	350.0	-29.0	-41.2	254.4	28.8	27.7	7.7	329.5	330.6	0.3	29.6	24.5	46.
34.1	77.0	9010.9	325.0	-32.6	-38.9	254.7	31.5	30.4	8.3	331.7	333.2	0.4	52.8	27.5	49.
36.2	81.2	9571.3	300.0	-36.1	-42.4	252.1	34.3	32.7	10.6	334.5	335.6	0.3	51.8	31.0	52.
38.2	85.4	10170.3	275.0	-40.5	99.9	247.9	37.6	34.8	14.2	336.6	999.9	99.9	999.9	35.2	55.
40.2	90.0	10811.9	250.0	-45.9	99.9	251.0	39.1	36.9	12.7	337.8	999.9	99.9	999.9	39.9	56.
42.6	95.2	11503.1	225.0	-52.2	99.9	254.7	38.9	37.5	10.3	338.5	999.9	99.9	999.9	45.0	58.
45.3	100.4	12255.0	200.0	-57.5	99.9	255.7	44.7	43.3	11.1	341.7	999.9	99.9	999.9	52.0	61.
48.4	106.3	13094.7	175.0	-59.6	99.9	257.1	39.5	38.5	8.8	351.6	999.9	99.9	999.9	59.4	63.
51.8	112.8	14053.2	150.0	-61.2	99.9	255.4	42.1	40.7	10.6	364.7	999.9	99.0	999.9	67.7	64.
56.1	120.3	15169.4	125.0	-66.0	99.9	273.9	35.9	35.8	-2.4	375.5	999.9	99.9	999.9	78.0	66.
60.8	128.7	16514.5	100.0	-70.1	99.9	273.3	26.8	26.8	-1.5	392.4	999.9	99.9	999.9	84.8	70.
66.8	138.0	19201.8	75.0	-74.6	99.9	276.6	13.8	13.7	-1.6	416.5	999.9	99.9	999.9	90.0	71.
75.2	148.0	20670.2	50.0	-60.5	99.9	250.1	26.5	24.9	9.0	500.9	999.9	99.9	999.9	89.6	70.
90.0	159.0	25114.6	25.0	-46.9	99.9	303.0	5.3	4.5	-2.9	649.8	999.9	99.9	999.9	89.0	71.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX

6 MAY 1975
2015 GMT

160 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	399.0	960.4	27.5	4.5	190.7	3.0	0.5	3.0	304.9	320.6	5.5	23.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	10.3	495.2	950.0	26.6	5.8	353.4	4.1	0.5	-4.1	305.0	322.3	6.1	26.7	7.1	135.
1.4	13.2	729.2	925.0	24.4	4.7	359.4	5.5	0.1	-5.5	305.1	321.5	5.8	27.8	7.5	176.
2.3	15.5	968.0	900.0	22.1	2.9	4.9	4.5	-0.4	-4.4	305.0	319.9	5.3	28.3	0.7	178.
3.4	17.9	1211.4	875.0	20.1	1.1	359.0	4.3	0.1	-4.3	305.4	319.0	4.8	28.1	1.0	181.
4.2	20.3	1467.4	850.0	18.6	-2.1	347.4	5.7	1.2	-5.5	306.1	317.4	3.9	24.5	1.3	179.
5.1	22.9	1715.4	825.0	16.8	-4.5	339.4	5.5	1.9	-5.2	306.8	316.6	3.3	22.8	1.6	176.
6.0	25.3	1976.6	800.0	15.2	-5.6	316.0	3.0	2.1	-2.2	307.8	317.1	3.2	23.3	1.8	173.
6.8	27.8	2244.2	775.0	13.0	0.3	250.6	4.2	4.0	1.4	308.5	323.2	5.1	41.8	1.8	169.
7.8	30.6	2519.1	750.0	10.8	7.1	234.5	8.8	7.1	5.1	309.5	333.5	8.5	77.7	1.7	157.
8.7	33.3	2801.8	725.0	9.6	4.7	230.8	12.2	9.4	7.7	310.9	332.3	7.5	71.9	1.7	136.
9.8	35.9	3092.6	700.0	7.7	-0.4	225.9	14.7	10.6	10.2	311.7	327.4	5.3	56.4	1.9	110.
10.8	38.8	3391.8	675.0	5.6	2.0	218.5	16.9	10.5	13.2	312.7	331.9	6.6	77.9	2.5	88.
11.8	41.5	3699.5	650.0	2.9	-0.2	211.4	18.8	9.8	16.0	313.0	330.1	5.8	79.9	3.2	73.
12.8	44.5	4016.5	625.0	1.3	-6.6	207.4	21.1	9.7	18.7	314.4	325.7	3.8	56.0	4.2	62.
13.8	47.6	4344.1	600.0	-0.9	-8.5	210.5	22.5	11.4	19.4	315.5	325.8	3.4	56.1	5.4	53.
14.9	50.5	4682.5	575.0	-3.8	-11.8	214.6	22.1	12.6	18.2	315.8	324.2	2.7	53.5	6.8	49.
16.0	53.3	5031.4	550.0	-7.3	-13.8	218.5	22.7	14.1	17.8	315.7	323.1	2.4	59.9	8.2	46.
17.3	56.9	5391.7	525.0	-10.6	-16.4	221.3	23.9	15.8	18.0	315.9	322.2	2.0	62.2	10.0	46.
18.5	60.4	5766.0	500.0	-12.6	-33.6	224.0	25.2	17.5	18.2	317.7	319.3	0.5	15.6	11.7	45.
19.7	63.9	6156.1	475.0	-14.2	-37.2	226.4	30.2	21.9	20.8	320.3	321.5	0.3	12.2	13.8	45.
21.1	67.3	6564.4	450.0	-16.6	-38.9	225.3	31.1	22.1	21.9	322.3	323.4	0.3	12.4	16.3	45.
22.5	70.9	6991.7	425.0	-19.5	-39.9	229.6	30.5	23.2	19.8	324.0	325.0	0.3	14.2	19.1	45.
24.0	74.7	7439.6	400.0	-22.5	-42.3	240.1	31.2	27.0	15.5	325.6	326.5	0.2	14.5	21.7	47.
25.5	78.8	7910.1	375.0	-25.6	-44.6	244.9	37.8	34.2	16.1	327.6	328.3	0.2	14.8	24.8	49.
27.2	82.8	8407.1	350.0	-29.2	-44.9	247.9	42.6	39.5	16.0	329.3	330.0	0.2	20.2	28.5	51.
28.9	87.0	8931.9	325.0	-33.6	-42.9	244.0	46.0	41.4	20.1	330.3	331.3	0.3	38.3	33.1	53.
30.8	91.6	9488.0	300.0	-38.7	-48.7	241.2	46.0	40.3	22.1	330.7	331.3	0.1	33.5	38.0	54.
32.7	96.2	10080.5	275.0	-42.5	99.9	238.0	55.2	46.8	25.2	333.6	999.9	99.9	999.9	43.8	55.
34.7	101.0	10717.5	250.0	-47.6	99.9	239.2	46.2	39.7	23.7	335.3	999.9	99.9	999.9	45.8	55.
37.0	106.5	11407.0	225.0	-51.8	99.9	245.5	46.3	42.1	19.2	339.1	999.9	99.9	999.9	56.3	56.
39.6	112.3	12162.0	200.0	-56.7	99.9	244.6	45.4*	41.0	19.5	343.0	999.9	99.9	999.9	64.2	57.
42.6	118.3	13003.1	175.0	-58.8	99.9	246.3	54.8*	50.1	22.1	352.9	999.9	99.9	999.9	72.4	58.
45.8	125.3	13968.3	150.0	-60.7	99.9	245.7	49.1*	44.7	20.2	365.6	999.9	99.9	999.9	80.6	59.
49.6	132.3	15132.3	125.0	-60.8	99.9	257.9	56.5*	55.3	11.9	384.9	999.9	99.9	999.9	91.5	61.
54.4	140.0	16479.6	100.0	-61.5	99.9	257.8	24.4*	23.8	5.1	409.0	999.9	99.9	999.9	100.8	64.
60.0	148.3	18229.1	75.0	-68.8	99.9	269.5	8.9*	8.9	0.1	428.8	999.9	99.9	999.9	108.0	65.
67.6	157.7	20732.2	50.0	-58.0	99.9	23.0	5.6*	-2.2	-5.2	506.9	999.9	99.9	999.9	106.9	64.
79.2	167.5	25174.4	25.0	-48.6	99.9	999.9	99.9	99.9	99.9	645.1	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

6 MAY 1975
2015 GMT

121 132. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GFM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SFC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	8.9	314.0	969.8	32.8	2.8	350.0	6.2	1.1	-6.1	309.3	323.4	4.8	15.0	0.0	0.
99.9	99.9	99.9	1700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	10.6	498.2	950.0	29.9	7.5	335.8	7.8	3.2	-7.1	308.5	328.1	6.9	24.7	0.4	161.
1.6	12.9	735.3	925.0	28.3	6.1	348.7	6.2	1.2	-6.1	309.1	327.5	6.4	24.6	0.8	159.
2.6	15.2	976.9	900.0	25.5	3.9	355.6	7.1	0.5	-7.1	308.6	324.9	5.6	24.7	1.2	165.
3.6	17.5	1223.3	875.0	23.4	3.1	355.4	5.5	0.4	-5.5	308.8	324.6	5.5	26.6	1.5	169.
4.5	20.0	1474.8	850.0	21.1	0.5	325.5	6.5	3.7	-5.4	308.9	322.5	4.7	25.3	1.8	168.
5.3	22.2	1732.5	825.0	19.6	-0.7	293.0	5.2	4.8	-2.0	309.9	322.8	4.4	25.4	2.1	163.
6.2	24.8	1996.0	800.0	17.6	-2.4	262.6	5.6	5.6	0.7	310.4	322.3	4.0	25.5	2.2	156.
7.2	27.2	2266.2	775.0	15.6	-4.1	249.2	7.3	6.8	2.6	311.1	322.0	3.7	25.5	2.3	147.
7.9	29.9	2542.8	750.0	12.9	-6.3	244.5	8.7	7.8	3.7	311.0	320.6	3.2	25.6	2.4	139.
8.7	32.6	2826.8	725.0	11.4	-9.1	235.4	9.4	7.8	5.4	312.3	320.4	2.7	22.9	2.5	128.
9.5	35.3	3118.7	700.0	9.1	-12.1	225.9	9.5	6.8	6.6	312.9	319.6	2.2	20.8	2.6	118.
10.6	37.9	3418.4	675.0	7.0	-12.5	217.4	9.7	5.9	7.7	313.7	320.4	2.2	23.4	2.8	106.
11.6	40.6	3727.0	650.0	4.2	-15.8	221.2	10.5	6.9	7.9	313.9	319.4	1.7	21.6	3.1	96.
12.7	43.5	4045.0	625.0	2.9	-17.9	232.7	13.2	10.5	8.0	316.0	320.8	1.5	19.8	3.7	86.
13.8	46.5	4374.9	600.0	2.1	-18.5	237.4	14.5	12.3	7.8	318.7	323.5	1.5	19.9	4.5	80.
15.0	49.5	4716.7	575.0	-0.6	-20.7	241.8	15.1	13.3	7.1	319.4	323.6	1.3	20.1	5.5	78.
16.2	52.6	5070.3	550.0	-3.1	-22.7	240.9	17.5	15.3	8.5	320.6	324.3	1.1	20.2	6.6	74.
17.4	55.7	5436.9	525.0	-5.7	-24.3	238.6	18.4	15.7	9.6	321.7	325.1	1.0	21.3	8.0	71.
18.9	59.0	5817.1	500.0	-8.6	-26.5	241.1	19.3	16.9	9.5	322.6	325.6	0.9	21.9	9.5	70.
20.4	62.4	6212.8	475.0	-11.4	-28.8	236.8	22.4	18.7	12.3	323.9	326.4	0.7	22.1	11.4	68.
21.8	65.9	6625.1	450.0	-14.3	-31.9	239.5	23.3	20.1	11.8	325.3	327.3	0.6	20.7	13.3	66.
23.3	69.6	7055.6	425.0	-17.7	-34.7	237.8	26.9	22.8	14.4	326.3	328.0	0.5	20.7	15.6	65.
24.7	73.1	7506.3	400.0	-21.3	-37.7	237.0	28.1	23.6	15.3	327.3	328.6	0.4	21.0	17.8	64.
26.2	77.2	7978.8	375.0	-25.0	-40.8	241.2	29.0	25.4	14.0	328.4	329.5	0.3	21.2	20.3	63.
27.8	81.0	8477.1	350.0	-28.3	-40.9	246.8	42.2	38.7	18.6	330.6	331.7	0.3	28.2	23.6	64.
29.5	85.3	9003.5	325.0	-33.3	-43.5	248.3	37.0	34.4	13.7	330.8	331.7	0.2	34.5	27.8	64.
31.3	89.6	9500.9	300.0	-37.6	-44.4	245.2	40.2	36.5	16.9	332.3	333.2	0.2	48.4	32.1	65.
33.1	94.4	10157.5	275.0	-40.8	99.9	227.7	44.9	37.9	24.0	336.1	999.9	99.9	999.9	36.4	64.
35.0	99.2	10797.9	250.0	-46.9	99.9	232.9	38.9	31.0	23.5	336.3	999.9	99.9	999.9	41.2	63.
37.3	104.4	11488.1	225.0	-52.1	99.9	240.3	43.2	37.5	21.4	338.7	999.9	99.9	999.9	46.9	62.
39.8	110.2	12242.3	200.0	-56.8	99.9	243.7	49.0	43.9	21.7	342.8	999.9	99.9	999.9	54.1	62.
42.5	116.0	13081.8	175.0	-58.1	99.9	247.7	44.3	41.0	16.8	354.1	999.9	99.9	999.9	61.7	63.
45.9	123.0	14049.6	150.0	-57.7	99.9	245.7	46.9	42.7	19.3	370.6	999.9	99.9	999.9	70.4	63.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

6 MAY 1975
2015 GMT

158 15. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GFM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	12.2	873.0	909.6	24.7	-5.5	240.7	7.2	6.2	3.6	306.4	314.7	2.8	13.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	59.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	59.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	59.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.0	965.4	900.0	22.5	-0.7	244.4	10.7	9.6	4.6	305.3	317.0	4.1	21.3	0.2	77.
1.0	15.3	1209.1	875.0	19.9	-1.9	238.6	8.6	7.3	4.5	305.0	316.0	3.8	22.9	0.5	69.
1.8	17.5	1457.4	850.0	17.4	-3.9	222.9	9.0	6.2	6.6	304.9	314.7	3.4	23.0	0.8	60.
2.7	19.9	1710.8	825.0	14.9	-5.9	233.2	9.0	7.2	5.4	304.8	313.5	3.0	23.1	1.3	54.
3.8	22.1	1964.9	800.0	12.5	-6.9	235.7	10.8	8.9	6.1	304.9	313.3	2.9	25.2	2.0	55.
4.8	24.5	2235.0	775.0	10.4	-7.6	246.1	12.0	10.9	4.8	305.4	313.6	2.8	27.3	2.7	56.
5.7	26.8	2507.2	750.0	9.1	-10.1	251.2	14.8	14.0	4.8	306.8	313.9	2.4	24.5	3.4	59.
6.7	29.4	2787.1	725.0	7.3	-11.7	251.9	16.7	15.9	5.2	307.7	314.2	2.1	24.3	4.3	61.
7.5	32.7	3074.0	700.0	4.4	-13.5	255.0	17.7	17.0	4.6	307.6	313.5	1.9	25.8	5.2	64.
8.3	34.8	3368.6	675.0	1.6	-15.2	257.5	17.8	17.4	3.8	307.7	313.0	1.7	27.2	6.0	65.
9.2	37.3	3671.5	650.0	-0.5	-18.3	257.0	18.1	17.7	4.1	308.5	312.9	1.4	24.6	6.9	67.
10.0	40.1	3984.5	625.0	-1.3	-21.2	250.3	18.5	17.5	6.2	311.1	314.7	1.1	20.2	7.8	68.
11.0	42.9	4308.6	600.0	-3.4	-22.9	242.3	20.0	17.7	9.3	312.3	315.6	1.0	20.3	9.0	68.
12.2	45.9	4643.8	575.0	-5.7	-24.3	236.5	20.8	17.3	11.5	313.4	316.4	0.9	21.4	10.4	67.
13.6	48.9	4991.4	550.0	-6.9	-25.9	233.2	23.4	18.8	14.0	316.0	318.8	0.8	20.2	12.2	65.
15.0	51.9	5352.8	525.0	-9.3	-28.0	231.3	24.8	19.4	15.5	317.3	319.7	0.7	20.2	14.3	63.
16.2	55.1	5727.9	500.0	-12.1	-30.2	232.9	25.8	20.6	15.5	318.3	320.4	0.6	20.5	15.9	62.
17.4	58.3	6117.6	475.0	-15.5	-32.4	233.3	26.9	21.5	16.1	318.8	320.6	0.5	21.9	17.9	61.
18.9	61.7	6523.4	450.0	-18.4	-34.8	238.6	28.1	24.0	14.6	320.1	321.6	0.4	22.1	20.3	60.
20.3	65.3	6948.4	425.0	-20.7	-38.4	238.9	27.9	23.9	14.4	322.4	323.6	0.3	18.6	22.7	60.
21.9	68.9	7395.0	400.0	-22.8	-40.1	242.8	33.7	30.0	15.4	325.3	326.4	0.3	18.7	25.5	60.
23.5	72.6	7865.6	375.0	-26.0	-42.7	240.9	41.4	36.2	20.1	327.2	328.0	0.2	18.9	29.3	60.
25.2	76.7	8360.9	350.0	-30.2	-45.5	237.5	41.3	34.9	22.2	328.0	328.6	0.2	20.6	33.3	60.
26.7	80.9	8883.5	325.0	-34.8	-49.4	234.6	45.6	37.1	26.4	328.6	329.1	0.1	20.9	37.5	60.
28.5	85.3	9436.8	300.0	-39.9	99.9	225.3	44.8	36.9	25.5	329.1	999.9	99.9	999.9	42.2	59.
30.5	89.8	10025.5	275.0	-44.3	99.9	237.2	42.7	35.9	23.1	331.1	999.9	99.9	999.9	47.1	59.
32.6	94.9	10658.9	250.0	-47.5	99.9	241.1	48.7*	42.6	23.5	335.5	999.9	99.9	999.9	53.1	59.
34.9	100.7	11348.9	225.0	-51.4	99.9	241.0	47.2*	41.3	22.9	339.7	999.9	99.9	999.9	60.0	59.
37.3	105.8	12105.2	200.0	-55.6	99.9	238.7	51.3*	43.9	26.6	344.7	999.9	99.9	999.9	66.8	59.
40.1	112.0	12953.3	175.0	-56.2	99.9	238.5	45.0*	38.4	23.5	357.1	999.9	99.9	999.9	75.1	59.
43.2	119.0	13928.8	150.0	-57.6	99.9	245.7	38.8*	35.4	16.0	370.9	999.9	99.9	999.9	82.3	59.
46.8	126.7	15080.4	125.0	-60.2	99.9	256.7	50.0*	48.7	11.5	386.0	999.9	99.9	999.9	92.5	60.
51.2	135.7	16457.5	100.0	-63.7	99.9	243.3	24.1*	21.5	10.8	404.7	999.9	99.9	999.9	101.2	62.
56.2	144.3	18201.5	75.0	-66.6	99.9	236.7	19.0*	15.9	10.5	433.3	999.9	99.9	999.9	108.0	61.
64.1	154.5	20725.6	50.0	-58.6	99.9	241.5	1.5*	1.3	0.7	505.3	999.9	99.9	999.9	107.8	61.
76.1	165.0	25184.8	25.0	-46.9	99.9	258.3	5.1	5.0	1.0	649.9	999.9	99.9	999.9	106.1	61.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TX

6 MAY 1975
2100 GMT

146 19. 0

TIME	CNCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	FH	RANGE	AZ
MIN		GFM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	15.4	1193.0	876.1	20.5	-12.1	240.0	6.2	5.4	3.1	305.2	310.5	1.7	10.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	15.5	1203.8	875.0	20.0	-11.2	243.1	6.6	5.9	3.0	304.8	310.5	1.9	11.5	0.0	0.
1.1	17.6	1450.3	850.0	15.0	-6.8	259.3	8.7	6.5	1.6	302.2	310.1	2.7	21.5	0.7	71.
2.2	19.9	1701.6	825.0	12.5	-8.8	264.1	5.6	5.6	0.6	302.1	309.1	2.4	21.6	1.2	70.
3.2	22.1	1958.3	800.0	10.2	-9.1	251.7	8.2	7.8	2.6	302.3	309.4	2.4	24.6	1.5	77.
4.1	24.6	2221.0	775.0	7.4	-11.4	256.9	9.4	9.1	2.1	302.0	308.1	2.1	24.7	2.0	75.
5.9	26.7	2489.5	750.0	4.8	-11.6	263.1	8.9	8.7	-2.7	302.1	309.3	2.1	29.1	2.4	78.
5.9	29.3	2764.8	725.0	2.5	-13.3	278.4	11.4	11.3	-1.7	302.4	308.1	1.9	29.9	2.9	83.
6.9	31.9	3047.1	700.0	0.1	-15.4	265.8	18.4	18.3	1.3	302.6	307.8	1.6	29.9	3.8	85.
7.4	34.5	3337.7	675.0	-1.5	-18.3	267.4	17.9	17.9	0.8	304.1	308.2	1.3	26.5	4.4	85.
8.1	37.1	3637.5	650.0	-2.2	-24.9	266.9	17.4	17.4	0.9	306.6	309.1	0.8	15.5	5.1	86.
9.1	39.9	3947.7	625.0	-4.3	-26.5	261.7	19.1	18.9	2.8	307.5	309.8	0.7	15.7	6.1	85.
10.7	42.5	4258.0	600.0	-6.2	-28.0	251.6	22.0	20.9	7.0	308.9	311.0	0.6	15.9	8.2	83.
12.5	45.5	4600.0	575.0	-7.8	-29.2	248.8	25.2	23.5	9.1	310.9	312.8	0.6	15.9	10.8	80.
13.8	48.5	4943.9	550.0	-10.3	-31.1	250.8	21.2	20.0	7.0	311.9	313.6	0.5	16.1	12.5	78.
14.8	51.4	5300.8	525.0	-12.5	-33.2	252.4	24.3	23.1	7.2	313.3	314.8	0.4	15.7	13.8	78.
16.0	54.6	5671.3	500.0	-15.4	-35.5	247.1	25.6	23.6	9.9	314.2	315.5	0.4	16.0	15.7	77.
17.3	57.9	6056.1	475.0	-18.5	-37.9	241.7	26.2	23.1	12.4	315.1	316.1	0.3	16.2	17.6	75.
18.5	61.3	6457.4	450.0	-21.3	-38.4	244.1	27.8	25.0	12.1	316.5	317.5	0.3	19.5	19.5	74.
19.8	64.9	6876.6	425.0	-24.1	-40.7	242.2	29.0	25.6	13.5	318.1	319.0	0.3	19.7	21.5	73.
21.1	68.3	7316.4	400.0	-27.0	-42.9	242.5	35.1	31.1	16.2	319.8	320.6	0.2	20.4	24.2	72.
22.6	72.0	7778.3	375.0	-30.8	-45.4	242.2	32.4	28.7	15.2	320.8	321.5	0.2	21.9	27.2	71.
24.1	76.0	8264.3	350.0	-35.0	-48.8	241.6	36.2	31.8	17.2	321.5	322.0	0.1	22.6	30.1	70.
25.6	80.1	8776.5	325.0	-39.4	99.9	240.2	34.3	29.8	17.0	322.3	999.9	99.9	999.9	33.3	69.
27.3	84.5	9319.0	300.0	-43.9	99.9	242.0	34.0	30.0	16.0	323.5	999.9	99.9	999.9	36.5	68.
29.3	89.0	9897.2	275.0	-48.3	99.9	242.1	41.5	36.6	19.4	325.2	999.9	99.9	999.9	41.4	68.
31.2	94.0	10521.1	250.0	-50.7	99.9	242.4	50.4	44.7	23.3	330.7	999.9	99.9	999.9	46.8	67.
33.0	99.2	11202.7	225.0	-54.3	99.9	241.7	45.9	40.4	21.8	335.2	999.9	99.9	999.9	51.7	67.
35.4	104.8	11954.5	200.0	-56.3	99.9	237.2	58.1*	48.8	31.5	343.6	999.9	99.9	999.9	58.8	65.
37.9	110.8	12806.1	175.0	-54.7	99.9	241.1	35.9*	31.4	17.3	359.6	999.9	99.9	999.9	66.8	65.
40.6	117.5	13792.8	150.0	-55.9	99.9	243.4	52.5*	46.9	23.5	373.9	999.9	99.9	999.9	72.9	65.
44.1	125.0	14548.0	125.0	-57.4	99.9	238.5	25.4*	21.6	13.3	391.1	999.9	99.9	999.9	81.3	64.
48.1	133.0	16341.1	100.0	-62.6	99.9	241.6	29.4*	25.9	14.0	406.9	999.9	99.9	999.9	87.8	64.
54.5	141.0	18111.8	75.0	-67.3	99.9	244.2	4.0*	3.6	1.8	431.7	999.9	99.9	999.9	94.6	64.
62.4	149.3	20630.6	50.0	-58.2	99.9	35.8	6.5	-3.8	-5.3	506.4	999.9	99.9	999.9	94.3	65.
76.2	158.0	25100.3	25.0	-46.3	99.9	341.7	3.9	1.2	-3.7	651.4	999.9	99.9	999.9	90.6	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

(15)

STATION NO. 327
NASHVILLE, TENN

6 MAY 1975
2015 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	183.0	991.3	17.4	16.8	190.0	1.0	0.0	1.0	292.9	324.5	12.2	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	7.4	322.3	975.0	17.5	17.0	291.2	6.5	6.1	-2.3	294.5	327.2	12.6	96.5	0.5	358.
1.3	5.5	545.0	950.0	16.8	15.3	238.0	8.3	7.6	4.4	295.8	326.3	11.6	91.0	7.5	26.
2.1	11.5	773.0	925.0	16.8	12.8	237.5	10.5	8.8	5.6	297.9	324.8	10.1	76.9	1.1	40.
3.0	13.8	1006.7	900.0	16.4	10.6	235.4	8.1	6.7	4.6	299.6	323.8	8.9	68.2	1.6	46.
4.0	15.8	1246.7	875.0	15.4	9.4	240.7	5.7	5.0	2.8	300.9	324.1	8.5	67.2	1.9	48.
4.9	18.1	1492.2	850.0	14.5	7.5	279.7	4.3	4.3	-0.7	302.4	323.6	7.7	62.8	2.2	52.
5.9	20.4	1744.3	825.0	12.8	6.7	293.0	4.2	3.9	-1.6	303.2	323.9	7.5	66.3	2.3	57.
7.1	22.5	2012.2	800.0	10.7	5.4	299.1	4.5	4.0	-2.2	303.5	323.2	7.1	69.9	2.5	63.
8.1	25.0	2265.8	775.0	7.8	3.2	302.3	4.5	3.8	-2.4	303.0	320.5	6.3	72.9	2.6	68.
9.1	27.3	2536.4	750.0	6.4	3.5	250.9	3.3	3.1	-1.2	304.4	322.9	6.6	81.3	2.8	72.
10.2	29.9	2813.8	725.0	4.0	2.8	247.1	2.0	1.8	0.8	304.7	322.9	6.5	91.8	3.0	73.
11.3	32.6	3099.0	700.0	2.1	1.8	235.0	2.9	2.3	1.6	305.6	323.4	6.3	98.0	3.1	72.
12.6	35.2	3392.3	675.0	0.4	0.4	252.6	6.7	6.4	2.0	306.8	323.5	5.9	100.2	3.4	71.
13.8	37.8	3695.2	650.0	-0.2	-0.4	254.2	9.8	9.4	2.7	309.5	326.1	5.7	98.1	4.1	72.
15.1	40.5	4008.9	625.0	-2.4	-2.4	253.6	12.2	11.7	3.4	310.3	325.3	5.1	100.2	4.9	72.
16.5	43.4	4332.2	600.0	-4.3	-4.3	251.1	14.5	13.7	4.7	311.7	325.4	4.6	100.8	6.1	72.
18.0	46.5	4667.3	575.0	-5.9	-5.9	248.6	14.2	13.7	5.2	313.6	326.4	4.3	100.6	7.3	72.
19.4	49.7	5014.7	550.0	-7.9	-8.0	243.3	14.7	13.1	6.6	315.1	326.7	3.8	99.3	8.5	71.
20.8	52.7	5375.5	525.0	-10.1	-10.4	242.3	14.8	13.1	6.9	316.6	326.7	3.3	97.5	9.7	70.
22.2	55.9	5750.7	500.0	-12.1	-12.8	241.5	15.0	13.2	7.2	318.6	327.5	2.9	95.0	11.0	69.
23.6	59.3	6141.6	475.0	-14.7	-15.6	240.9	14.7	12.8	7.1	320.1	327.6	2.4	92.8	12.3	68.
25.3	63.0	6549.2	450.0	-17.5	-18.7	242.8	15.2	13.5	7.0	321.4	327.7	1.9	90.4	13.7	68.
26.8	66.5	6975.5	425.0	-20.3	-21.8	239.1	15.3	13.2	7.9	323.0	328.2	1.6	88.3	15.1	67.
28.4	70.4	7421.9	400.0	-23.5	-25.5	242.4	16.8	14.9	7.8	324.5	328.5	1.2	83.4	16.7	66.
30.2	74.4	7890.6	375.0	-27.2	-29.2	236.1	16.5	13.7	9.2	325.7	328.8	0.9	82.3	18.4	66.
32.0	78.7	8384.7	350.0	-30.6	-33.3	235.7	18.1	15.0	10.2	327.5	329.8	0.6	76.3	20.3	65.
33.9	83.2	8906.6	325.0	-35.1	-39.1	248.8	16.0	14.9	5.8	328.3	329.7	0.4	66.2	22.2	64.
36.0	87.8	9459.3	300.0	-39.9	99.9	258.2	16.0	15.7	3.3	329.2	999.9	99.9	999.9	24.1	65.
38.1	92.8	10047.2	275.0	-45.2	99.9	275.0	14.0	14.0	-1.2	329.7	999.9	99.9	999.9	25.9	67.
40.4	98.0	10675.9	250.0	-50.7	99.9	285.6	20.1	19.4	-5.4	330.7	999.9	99.9	999.9	27.9	69.
43.2	103.8	11355.9	225.0	-55.4	99.9	298.8	22.8	20.0	-11.0	333.6	999.9	99.9	999.9	30.7	74.
46.2	110.0	12097.1	200.0	-61.1	99.9	294.6	22.0	20.3	-9.3	336.0	999.9	99.9	999.9	33.9	79.
49.3	116.0	12915.8	175.0	-66.7	99.9	281.5	26.4	25.9	-5.3	339.9	999.9	99.9	999.9	38.0	81.
52.9	123.7	13847.7	150.0	-64.5	99.9	285.5	31.8	30.7	-8.5	358.9	999.9	99.9	999.9	43.5	84.
57.1	131.3	14560.9	125.0	-64.9	99.9	293.4	26.8	25.1	-9.3	377.6	999.9	99.9	999.9	50.5	88.
62.5	139.3	16331.1	100.0	-59.1	99.9	295.1	22.5	20.4	-9.6	413.6	999.9	99.9	999.9	57.3	91.
69.3	147.3	18122.9	75.0	-59.5	99.9	336.3	6.8	2.7	-6.3	448.3	999.9	99.9	999.9	62.8	94.
79.8	156.3	20647.8	50.0	-60.1	99.9	72.2	5.5	-5.2	-1.7	501.8	999.9	99.9	999.9	63.3	96.
96.0	165.3	25058.9	25.0	-51.9	99.9	326.1	6.5	0.3	-0.4	635.6	999.9	99.9	999.9	63.2	96.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK

6 MAY 1975
2100 GMT

153 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	79.0	978.0	25.0	19.4	200.0	5.2	1.8	4.9	300.3	338.3	14.4	71.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.2	284.3	975.0	23.6	20.7	244.6	6.0	5.4	2.6	301.1	343.4	16.0	83.8	0.3	11.
1.4	10.4	511.5	950.0	21.6	19.9	208.3	7.4	3.5	6.5	301.2	342.4	15.5	89.6	0.6	28.
2.2	12.6	743.1	925.0	20.2	18.8	208.9	8.4	4.1	7.4	302.0	341.8	15.0	91.5	1.0	27.
3.1	15.0	980.1	900.0	19.0	18.2	208.7	10.0	4.8	8.8	303.1	342.7	14.8	95.1	1.5	28.
4.0	17.3	1222.1	875.0	16.6	15.5	214.5	10.4	5.9	8.6	302.8	337.3	12.8	93.2	2.0	28.
4.8	19.7	1469.2	850.0	15.1	13.1	217.3	11.3	6.8	9.0	303.5	333.9	11.2	87.7	2.5	30.
5.6	21.9	1722.2	825.0	13.6	11.4	217.7	11.4	7.0	9.1	304.4	332.7	10.3	86.4	3.1	31.
6.5	24.6	1981.5	800.0	11.8	7.7	216.4	11.5	6.5	9.3	304.8	327.9	8.3	76.2	3.7	32.
7.3	26.9	2247.5	775.0	11.0	7.6	212.0	11.0	5.8	9.3	306.7	330.4	8.5	79.6	4.2	33.
8.3	29.6	2521.1	750.0	9.7	5.2	209.3	9.8	4.8	8.5	308.1	329.1	7.4	73.5	4.8	32.
9.2	32.3	2802.2	725.0	7.5	3.5	216.8	9.0	5.4	7.2	308.6	328.1	6.8	75.6	5.4	32.
10.5	35.0	3090.6	700.0	5.2	2.3	229.7	9.0	6.9	5.8	309.1	327.6	6.5	81.4	6.0	33.
11.8	37.7	3387.8	675.0	3.8	1.6	237.3	8.4	7.1	4.5	310.8	329.2	6.4	85.0	6.7	35.
13.2	40.4	3694.4	650.0	2.4	-2.2	246.0	8.4	7.6	3.4	312.4	327.2	5.0	71.6	7.3	38.
14.5	43.3	4010.7	625.0	0.5	-3.7	255.1	10.9	10.5	2.8	313.6	327.4	4.7	73.4	7.9	41.
15.7	46.3	4337.5	600.0	-1.2	-8.0	258.4	12.9	12.6	2.6	315.2	325.8	3.5	59.6	8.6	44.
16.8	49.3	4675.6	575.0	-3.6	-13.6	260.7	15.9	15.7	2.6	316.0	323.3	2.3	45.7	9.4	47.
17.9	52.3	5125.9	550.0	-5.7	-17.3	263.8	16.1	16.0	1.7	317.6	323.5	1.9	40.6	10.2	50.
19.9	55.4	5389.3	525.0	-8.2	-19.8	268.6	14.2	14.2	0.3	318.7	323.6	1.5	39.0	11.1	54.
20.2	58.5	5765.6	500.0	-11.5	-15.4	256.0	13.5	13.1	3.3	319.3	326.6	2.3	72.4	12.0	56.
21.6	62.1	6156.9	475.0	-14.4	-22.4	246.9	15.6	14.4	6.1	320.3	324.7	1.3	50.3	13.1	58.
23.1	65.5	6565.9	450.0	-16.4	-23.3	239.2	17.6	15.2	6.0	322.8	327.1	1.2	55.0	14.2	58.
25.1	69.1	6994.1	425.0	-18.7	-24.2	243.1	15.7	14.0	7.1	325.2	329.4	1.3	61.7	16.7	58.
27.0	72.7	7443.9	400.0	-21.5	-30.7	251.7	18.8	17.8	5.9	327.0	329.6	0.7	43.2	18.6	59.
28.5	76.7	7916.1	375.0	-25.3	-66.1	270.7	20.0	20.0	-0.2	328.0	328.0	0.0	1.0	20.1	61.
30.1	80.7	8412.1	350.0	-29.9	-66.2	269.8	26.1	26.1	0.1	328.3	328.3	0.0	1.5	22.1	64.
31.6	85.0	8935.3	325.0	-34.1	-62.3	270.7	26.5	26.5	-0.3	329.5	329.6	0.0	3.9	24.4	66.
33.3	89.3	9490.7	300.0	-38.8	99.9	267.4	26.7	26.6	1.2	330.6	999.9	99.9	99.9	26.9	69.
35.2	94.2	10081.3	275.0	-44.0	99.9	263.1	25.8	25.6	3.1	331.6	999.9	99.9	99.9	29.8	70.
37.1	99.0	10714.6	250.0	-48.5	99.9	271.1	25.8	25.8	-0.5	333.9	999.9	99.9	99.9	32.7	72.
39.2	104.3	11401.1	225.0	-53.2	99.9	272.1	25.5	25.5	-0.9	337.0	999.9	99.9	99.9	35.6	73.
41.3	110.0	12150.0	200.0	-58.5	99.9	272.3	25.0	25.0	-1.0	340.2	999.9	99.9	99.9	38.9	75.
44.3	115.8	12979.4	175.0	-62.6	99.9	271.9	38.4	38.4	-1.3	346.7	999.9	99.9	99.9	44.1	77.
48.0	122.3	13928.6	150.0	-63.7	99.9	264.0	39.1	38.9	3.7	360.4	999.9	99.9	99.9	52.4	79.
52.4	129.3	15046.6	125.0	-64.7	99.9	272.1	29.6	29.6	-1.1	377.8	999.9	99.9	99.9	61.4	80.
57.6	136.3	16415.9	100.0	-62.3	99.9	271.4	32.2	32.2	-0.8	407.3	999.9	99.9	99.9	70.1	81.
63.9	142.8	18129.2	75.0	-62.9	99.9	309.8	11.3	8.7	-7.2	441.2	999.9	99.9	99.9	75.2	84.
72.3	149.5	20704.5	50.0	-61.2	99.9	16.7	5.4	-1.6	-5.2	499.4	999.9	99.9	99.9	76.3	86.
85.1	156.3	25139.1	25.0	-49.2	99.9	278.8	3.6	3.6	-0.6	644.0	999.9	99.9	99.9	74.4	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349

MONETTE, MO

6 MAY 1975
2109 GMT

157 9. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	POT T	E POT T	MX RTD	RH	RANGE	AZ
MIN		GFM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	8.1	438.0	956.0	26.1	19.7	200.0	5.2	1.8	4.9	305.2	346.6	15.4	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	8.0	493.7	950.0	25.1	18.9	203.8	7.2	2.9	6.6	304.7	344.2	14.5	68.2	0.1	26.
1.4	10.6	727.5	925.0	22.7	17.4	216.3	7.8	4.6	6.3	304.3	341.3	13.7	72.2	0.6	35.
2.5	12.6	566.0	900.0	20.8	16.0	229.7	7.9	6.0	5.1	304.7	339.6	12.8	73.8	1.1	39.
3.7	14.8	1209.3	875.0	18.4	14.6	232.7	9.2	7.3	5.6	304.6	337.5	12.1	78.6	1.7	44.
4.7	16.8	1457.8	850.0	16.3	13.3	229.2	10.2	7.7	6.6	304.7	335.8	11.4	82.4	2.3	46.
5.7	19.1	1711.6	825.0	14.9	10.8	227.1	9.9	7.2	6.7	305.7	333.1	10.0	76.8	2.9	46.
6.9	21.2	1971.7	800.0	12.4	10.3	221.0	10.6	7.0	8.0	305.7	333.1	9.9	86.8	3.6	46.
7.9	23.5	2238.0	775.0	10.6	9.3	220.1	9.6	6.2	7.4	306.5	332.9	9.6	91.7	4.3	45.
9.0	25.8	2510.9	750.0	8.6	7.0	215.8	8.2	4.8	6.7	307.1	330.7	8.4	89.6	4.8	44.
9.9	28.1	2790.8	725.0	7.3	-5.2	206.8	7.6	3.4	6.8	308.0	318.6	3.6	40.6	5.2	43.
10.9	30.6	3080.0	700.0	7.2	-9.0	206.2	7.7	3.4	6.9	310.8	319.2	2.8	30.6	5.7	41.
12.0	33.1	3377.8	675.0	5.0	-10.2	218.2	7.5	4.6	5.9	311.5	319.5	2.6	32.2	6.2	41.
13.2	35.5	3684.2	650.0	2.1	-12.0	224.7	7.2	5.0	5.1	311.6	318.8	2.3	34.3	6.7	41.
14.6	38.1	3999.3	625.0	-0.0	-13.3	228.3	11.0	8.2	7.3	312.7	319.5	2.2	35.9	7.4	41.
15.9	40.7	4324.8	600.0	-2.7	-14.0	241.9	13.9	12.2	6.5	313.3	320.0	2.2	41.4	8.3	43.
17.2	43.4	4660.2	575.0	-6.1	-15.5	246.9	16.5	15.2	6.5	313.0	319.3	2.0	47.5	9.5	46.
18.4	46.2	5006.4	550.0	-8.8	-17.2	248.0	17.0	16.1	6.5	313.8	319.5	1.8	51.0	10.6	48.
19.6	49.0	5365.7	525.0	-10.7	-18.4	241.3	15.8	13.8	7.6	315.7	319.3	1.1	34.2	11.8	50.
21.0	51.8	5738.7	500.0	-14.2	-25.8	230.0	17.0	13.0	10.9	315.8	318.9	0.9	36.4	13.1	51.
22.3	54.9	6125.9	475.0	-16.9	-30.1	230.7	20.2	15.6	12.8	317.1	319.3	0.7	20.4	14.6	50.
23.7	57.9	6532.0	450.0	-17.6	-32.2	226.7	22.8	16.6	15.6	321.2	323.1	0.6	26.4	16.4	50.
25.3	61.3	6957.4	425.0	-20.6	-25.4	227.0	20.7	15.2	14.1	322.7	326.5	1.1	65.3	18.0	50.
26.9	64.7	7403.1	400.0	-24.0	-26.8	231.0	19.2	15.0	11.9	323.8	327.4	1.1	77.4	20.3	50.
28.5	68.0	7870.6	375.0	-28.0	-29.6	235.1	19.0	15.6	10.9	324.5	327.5	0.9	86.5	22.2	50.
30.1	71.6	8362.4	350.0	-31.7	-32.8	234.0	14.7	11.9	8.7	326.0	328.4	0.7	89.6	23.9	50.
31.8	75.5	8882.2	325.0	-35.7	-40.4	237.8	12.1	10.2	6.4	327.5	328.7	0.3	61.1	25.2	51.
33.6	79.7	9434.3	300.0	-39.6	-48.9	250.6	16.8	15.8	5.6	329.4	330.0	0.1	36.3	26.6	51.
35.6	83.8	10024.1	275.0	-43.9	99.9	261.6	24.4	24.1	3.6	331.7	999.9	99.9	999.9	28.9	54.
37.5	88.2	10656.6	250.0	-49.2	99.9	259.2	27.9	27.4	5.2	333.0	999.9	99.9	999.9	31.7	56.
39.6	93.3	11339.9	225.0	-54.5	99.9	249.7	32.3	30.3	11.2	335.0	999.9	99.9	999.9	35.4	58.
42.1	98.4	12085.0	200.0	-59.4	99.9	250.5	29.9	28.2	10.0	338.8	999.9	99.9	999.9	39.9	59.
44.9	104.0	12913.6	175.0	-62.9	99.9	254.5	30.5	29.4	8.1	346.1	999.9	99.9	999.9	45.2	61.
47.9	110.6	13862.5	150.0	-62.6	99.9	256.7	30.1	29.3	6.9	362.3	999.9	99.9	999.9	50.7	62.
51.8	117.7	14588.9	125.0	-61.8	99.9	268.8	16.0	16.0	0.3	383.1	999.9	99.9	999.9	56.2	64.
56.1	126.3	16373.2	100.0	-57.5	99.9	291.3	13.4	12.5	-4.9	416.7	999.9	99.9	999.9	61.1	66.
61.2	135.7	18158.5	75.0	-61.8	99.9	298.9	5.4	4.7	-2.6	443.4	999.9	99.9	999.9	63.5	68.
69.1	146.0	20667.9	50.0	-58.5	99.9	41.9	2.3	-1.5	-1.7	505.7	999.9	99.9	999.9	64.0	69.
82.1	157.5	25090.5	25.0	-49.8	99.9	342.7	2.5	0.7	-2.4	641.7	999.9	99.9	999.9	62.2	70.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLA

6 MAY 1975
2015 GMT

150 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	392.0	960.0	26.4	6.9	250.0	5.2	4.9	1.8	304.0	322.3	6.5	29.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	10.0	484.2	950.0	25.9	8.9	261.5	10.2	10.1	1.5	304.5	325.6	7.6	34.1	0.2	75.
0.9	12.0	717.5	925.0	23.1	6.4	258.5	8.7	8.5	1.7	303.9	322.2	6.6	34.0	0.4	79.
1.5	14.4	955.2	900.0	20.7	4.3	256.7	6.7	6.5	1.5	303.6	320.0	5.8	34.0	0.7	77.
2.2	16.5	1197.4	875.0	18.2	2.3	259.7	6.5	6.4	1.2	303.4	318.0	5.2	34.6	0.9	78.
3.1	18.8	1444.6	850.0	16.2	-0.1	251.3	9.7	9.2	3.1	303.8	316.5	4.5	32.8	1.4	77.
4.0	21.1	1697.8	825.0	15.4	-4.1	240.0	13.4	11.6	6.7	305.3	315.3	3.4	25.9	2.0	74.
4.9	23.6	1957.3	800.0	13.0	-6.1	230.4	13.0	10.0	8.3	305.4	314.4	3.0	25.9	2.7	69.
5.9	25.9	2222.9	775.0	11.1	-7.1	227.7	13.7	10.1	9.2	306.1	314.7	2.9	27.2	3.4	64.
6.8	28.4	2494.9	750.0	8.3	-9.4	233.8	16.7	13.5	9.9	305.9	313.4	2.5	27.4	4.2	61.
7.8	31.1	2773.5	725.0	5.7	-11.0	237.1	17.9	15.0	9.7	306.0	312.9	2.3	28.9	5.4	61.
9.0	33.9	3059.6	700.0	4.2	-11.9	224.6	17.3	12.1	12.3	307.4	314.0	2.2	29.8	6.6	59.
10.1	36.2	3355.0	675.0	3.1	-11.9	204.2	16.2	6.6	14.8	309.4	316.3	2.3	32.1	7.6	56.
11.4	39.0	3659.9	650.0	1.6	-10.4	196.8	19.1	5.5	16.3	311.1	319.2	2.7	40.5	8.6	50.
12.6	41.7	3975.4	625.0	-0.1	-6.7	204.9	23.5	9.9	21.3	312.8	324.0	3.7	61.3	10.0	46.
13.7	44.6	4301.3	600.0	-2.1	-15.4	209.8	27.0	13.4	23.4	313.9	319.9	1.9	35.1	11.7	43.
14.9	47.8	4637.4	575.0	-5.3	-20.7	212.2	25.2	13.4	21.3	313.9	318.1	1.3	28.7	13.5	42.
16.2	50.7	4985.6	550.0	-6.8	-26.1	214.6	26.1	14.8	21.5	316.1	318.9	0.8	19.7	15.5	41.
17.5	53.9	5346.5	525.0	-9.9	-28.6	214.3	27.5	15.5	22.7	316.5	318.8	0.7	19.9	17.6	40.
18.9	56.9	5720.8	500.0	-12.5	-30.7	213.7	27.9	15.4	23.2	317.8	319.8	0.6	20.0	19.9	39.
20.4	60.3	6110.7	475.0	-14.9	-32.7	217.8	30.8	18.9	24.4	319.5	321.2	0.5	20.2	22.5	39.
21.9	63.9	6517.0	450.0	-18.3	-35.5	223.0	26.7	18.2	19.5	320.2	321.7	0.4	20.4	25.2	39.
23.6	67.3	6941.3	425.0	-21.6	-38.2	227.3	22.1	16.2	15.0	321.3	322.4	0.3	20.6	27.5	39.
25.3	71.0	7384.3	400.0	-25.8	-41.6	231.1	22.4	17.5	14.1	321.5	322.3	0.2	20.8	29.8	40.
26.8	74.9	7848.4	375.0	-29.7	-44.9	234.7	27.1	22.1	15.6	322.2	322.9	0.2	21.1	32.1	41.
28.7	79.1	8336.9	350.0	-33.4	-48.0	239.7	20.4	17.6	10.3	323.7	324.2	0.1	21.3	34.5	42.
30.6	83.2	8854.1	325.0	-36.5	-50.6	246.4	20.0	18.4	8.0	326.3	326.7	0.1	21.5	36.4	44.
32.6	87.6	9405.0	300.0	-40.1	99.9	240.5	33.8	29.4	16.7	328.8	999.9	99.9	999.9	39.7	45.
34.8	92.4	9992.9	275.0	-44.7	99.9	243.1	35.7	31.8	16.2	330.5	999.9	99.9	999.9	43.7	47.
37.0	97.3	10624.7	250.0	-48.7	99.9	240.9	41.1	35.9	20.0	333.7	999.9	99.9	999.9	49.2	48.
39.6	102.5	11310.6	225.0	-53.1	99.9	247.9	36.0	33.3	13.5	337.2	999.9	99.9	999.9	55.1	50.
42.3	108.5	12063.2	200.0	-57.3	99.9	248.9	37.8	35.2	13.6	342.0	999.9	99.9	999.9	61.0	52.
45.3	114.7	12906.2	175.0	-58.4	99.9	242.1	38.0*	33.6	17.8	353.5	999.9	99.9	999.9	68.1	53.
49.0	121.3	13876.9	150.0	-57.3	99.9	241.0	25.2*	22.0	12.2	371.3	999.9	99.9	999.9	74.4	54.
53.4	128.7	15020.0	125.0	-61.6	99.9	252.7	16.1*	15.3	4.8	383.5	999.9	99.9	999.9	79.8	56.
58.4	136.3	16409.3	100.0	-62.5	99.9	237.3	22.2*	18.6	12.0	407.1	999.9	99.9	999.9	87.6	56.
64.9	144.3	18198.3	75.0	-64.4	99.9	268.0	16.9	16.9	0.6	438.0	999.9	99.9	999.9	93.4	58.
73.5	152.5	20717.2	50.0	-59.7	99.9	53.2	11.1	-8.9	-6.7	502.8	999.9	99.9	999.9	92.8	59.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 354
TINKER AFB, OKLA

6 MAY 1975
2101 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	393.0	959.8	27.3	10.9	240.0	5.1	4.4	2.6	305.2	329.7	8.6	36.0	7.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	10.0	483.5	950.0	25.9	6.4	63.2	6.5	-5.8	-2.9	304.4	322.3	6.4	28.8	0.2	248.
1.3	12.0	717.0	925.0	23.4	4.2	62.0	6.3	-5.5	-2.9	304.0	319.8	5.6	28.8	0.5	245.
2.1	14.1	954.8	900.0	21.0	3.4	63.0	6.3	-5.6	-2.9	303.9	319.3	5.5	31.4	0.9	244.
3.0	16.3	1177.1	875.0	18.1	1.7	63.2	5.6	-5.0	-2.5	303.2	317.4	5.0	33.4	1.1	243.
3.9	18.6	1444.2	850.0	15.8	1.5	69.8	7.7	-7.2	-2.7	303.3	317.6	5.0	37.9	1.5	244.
5.0	20.8	1697.0	825.0	14.9	-4.7	57.7	12.2	-10.3	-6.5	304.8	314.4	3.3	25.5	2.1	244.
6.2	23.1	1956.4	800.0	13.4	-6.7	55.2	14.5	-11.9	-8.3	305.8	314.3	2.9	24.1	3.1	241.
7.3	25.5	2222.3	775.0	11.0	-8.7	57.0	15.7	-13.2	-8.6	306.0	313.7	2.6	24.1	4.1	240.
8.4	27.8	2494.3	750.0	8.6	-10.7	60.8	18.1	-15.8	-8.9	306.2	313.0	2.3	24.2	5.2	240.
9.5	30.4	2773.8	725.0	6.9	-11.4	57.2	18.3	-15.4	-9.9	307.3	314.0	2.2	25.7	6.4	240.
10.5	33.0	3060.8	700.0	4.7	-11.5	43.5	16.9	-11.7	-12.3	308.0	314.9	2.3	29.5	7.5	239.
11.7	35.5	3357.2	675.0	3.8	-11.3	23.9	17.2	-6.9	-15.7	310.2	317.5	2.4	32.2	8.6	236.
13.1	38.2	3663.0	650.0	2.2	-7.1	24.8	23.3	-9.7	-21.1	311.9	322.3	3.5	50.2	9.9	237.
14.4	40.8	3978.7	625.0	0.2	-13.6	31.8	28.0	-14.8	-23.8	312.9	319.6	2.2	34.8	11.9	227.
15.8	43.6	4303.7	600.0	-3.3	-16.6	29.8	27.2	-13.5	-23.6	312.6	318.0	1.7	34.6	14.3	224.
17.2	46.6	4638.8	575.0	-5.9	-24.0	31.6	27.1	-14.2	-23.1	313.2	316.3	1.0	22.3	16.5	222.
18.5	49.6	4985.6	550.0	-7.9	-27.2	34.3	27.3	-15.4	-22.6	314.7	317.2	0.7	19.5	18.5	221.
19.9	52.5	5346.2	525.0	-9.8	-29.7	35.9	28.7	-16.8	-23.3	316.7	318.8	0.6	17.8	20.8	220.
21.2	55.6	5721.0	500.0	-12.2	-31.6	37.9	31.6	-19.4	-25.0	318.2	320.1	0.5	17.9	23.4	220.
23.1	58.9	6110.5	475.0	-15.5	-34.3	40.3	23.5	-15.2	-17.9	318.7	320.3	0.4	18.2	26.1	220.
24.8	62.3	6516.5	450.0	-18.3	-36.5	41.3	33.3	-22.0	-25.0	320.2	321.5	0.4	18.4	29.7	220.
26.5	65.7	6939.8	425.0	-22.4	-39.8	49.8	22.2	-16.9	-14.3	320.3	321.3	0.3	18.6	31.8	221.
28.3	69.3	7381.7	400.0	-25.8	-42.6	52.4	25.7	-20.3	-15.6	321.4	322.2	0.2	18.9	34.3	221.
30.0	73.0	7845.6	375.0	-29.5	-45.6	54.4	20.9	-17.0	-12.2	322.5	323.2	0.2	19.1	37.0	222.
31.9	77.0	8334.8	350.0	-33.0	-48.5	63.6	17.1	-15.3	-7.6	324.1	324.6	0.1	19.4	38.8	223.
33.8	81.0	8852.3	325.0	-36.5	-51.4	57.0	30.2	-25.4	-16.5	326.3	326.7	0.1	19.6	41.1	224.
35.7	85.3	9403.0	300.0	-40.5	-58.9	64.9	31.1	-28.2	-13.2	328.3	999.9	99.9	999.9	44.8	225.
37.8	89.8	9999.9	275.0	-45.4	-62.7	62.7	41.8	-37.2	-19.2	329.4	999.9	99.9	999.9	49.1	227.
39.8	94.7	10619.7	250.0	-49.6	-69.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.9
42.2	99.8	11322.6	225.0	-54.0	-79.9	999.9	99.9	99.9	99.9	335.8	999.9	99.9	999.9	999.9	999.9
44.8	105.3	12151.9	200.0	-57.7	-89.9	65.6	41.1*	-37.4	-17.1	341.3	999.9	99.9	999.9	65.2	231.
47.4	111.0	12892.4	175.0	-59.4	-99.9	63.8	37.9*	-34.0	-16.7	351.9	999.9	99.9	999.9	71.4	233.
50.2	117.3	13856.2	150.0	-58.9	-99.9	64.0	29.5*	-26.5	-12.9	368.7	999.9	99.9	999.9	77.4	233.
53.5	124.7	14994.3	125.0	-61.5	-99.9	74.1	18.7*	-18.0	-5.1	383.7	999.9	99.9	999.9	82.1	235.
57.2	132.3	16380.5	100.0	-63.4	-99.9	61.5	16.9*	-14.6	-2.1	405.3	999.9	99.9	999.9	86.8	235.
61.9	140.5	18153.8	75.0	-65.6	-99.9	95.1	17.1	-17.0	1.5	435.5	999.9	99.9	999.9	91.3	237.
68.4	148.7	21693.4	50.0	-60.5	-99.9	223.6	4.8	3.3	3.5	501.1	999.9	99.9	999.9	89.7	238.
79.6	157.3	25085.8	25.0	-50.8	-99.9	142.1	3.9	-2.4	3.1	639.1	999.9	99.9	999.9	87.6	237.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEX.

6 MAY 1975
 2025 GMT

112 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	13.6	1095.7	882.0	19.3	-13.0	240.3	11.3	9.8	5.7	303.4	308.2	1.6	10.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	14.2	1163.1	875.0	17.2	-4.9	242.6	14.7	13.0	6.8	302.1	310.9	3.0	21.6	0.5	75.
0.7	15.1	1409.0	850.0	14.8	-6.1	243.5	15.0	13.4	6.7	302.0	310.4	2.9	23.0	0.7	71.
1.5	15.3	1659.7	825.0	11.7	-7.8	246.3	14.7	13.5	5.9	301.3	308.8	2.6	24.7	1.4	58.
2.3	20.4	1915.5	800.0	8.9	-9.9	244.8	13.8	12.5	5.9	301.0	307.6	2.2	25.1	2.0	67.
3.3	22.5	2177.2	775.0	6.8	-11.7	246.4	11.6	10.6	4.6	301.4	307.4	2.0	25.2	2.8	67.
4.2	24.8	2445.0	750.0	3.9	-14.1	245.5	13.5	12.3	5.6	301.1	306.2	1.7	25.3	3.5	67.
5.2	26.9	2719.1	725.0	1.6	-16.0	249.5	13.1	12.3	4.6	301.4	306.0	1.5	25.4	4.3	67.
5.8	29.3	3001.7	700.0	1.2	-19.8	250.8	13.5	12.8	4.4	304.0	307.5	1.1	19.1	4.8	67.
6.6	31.8	3293.1	675.0	-0.3	-21.0	248.7	18.5	17.2	6.7	305.4	308.7	1.1	19.2	5.5	67.
7.5	34.3	3594.6	650.0	-0.9	-21.5	244.8	21.1	19.1	9.0	308.1	311.4	1.1	19.2	6.6	68.
8.4	36.6	3917.3	625.0	-1.7	-22.1	234.8	21.3	17.4	12.3	310.6	314.0	1.0	19.2	7.8	67.
9.4	39.2	4230.6	600.0	-4.1	-24.0	229.5	23.2	17.6	15.0	311.5	314.4	0.9	19.4	9.0	64.
10.3	41.9	4564.9	575.0	-6.4	-25.9	227.6	23.1	17.0	15.6	312.5	315.2	0.8	19.5	10.3	62.
11.2	44.6	4911.0	550.0	-8.9	-27.9	229.1	23.0	17.3	15.0	313.6	315.9	0.7	19.7	11.4	61.
12.0	47.4	5269.4	525.0	-11.6	-29.3	233.9	23.4	18.9	13.8	314.6	316.7	0.6	21.3	12.6	60.
13.0	50.3	5641.8	500.0	-13.7	-31.2	235.1	26.1	21.4	14.9	316.4	318.3	0.6	21.1	14.1	59.
14.1	53.3	6029.5	475.0	-16.6	-33.9	232.7	26.9	21.4	16.3	317.4	319.0	0.5	20.6	15.9	59.
15.2	56.1	6433.5	450.0	-19.5	-36.3	228.2	27.3	20.3	18.2	318.7	320.9	0.4	20.8	17.7	58.
16.2	59.5	6855.3	425.0	-22.8	-38.6	230.2	28.6	22.0	18.3	319.8	320.9	0.3	21.9	19.3	57.
17.4	63.0	7296.8	400.0	-26.0	-40.7	228.0	31.7	23.6	21.2	321.1	322.1	0.3	23.4	21.3	56.
18.4	66.3	7761.0	375.0	-29.6	-43.9	230.3	32.8	25.2	21.0	322.4	323.1	0.2	23.3	23.3	56.
19.7	70.0	8249.4	350.0	-33.4	-46.7	233.0	32.0	25.5	19.3	323.6	324.2	0.2	24.6	25.8	55.
21.0	72.7	8765.6	325.0	-37.4	-50.1	233.9	34.5	27.9	20.3	325.1	325.5	0.1	24.7	28.3	55.
22.2	77.7	9312.5	300.0	-42.3	99.9	234.6	37.8	30.8	21.9	325.7	999.9	99.9	99.9	31.1	55.
23.7	81.8	9894.4	275.0	-47.0	99.9	235.1	37.4	30.7	21.4	327.2	999.9	99.9	99.9	34.4	55.
25.3	86.2	10519.5	250.0	-51.3	99.9	237.2	39.8	33.5	21.5	329.6	999.9	99.9	99.9	38.1	55.
27.0	91.2	11199.1	225.0	-54.5	99.9	240.8	39.6	34.6	19.3	335.0	999.9	99.9	99.9	41.8	56.
28.8	96.4	11947.8	200.0	-57.2	99.9	242.3	39.4	34.9	18.3	342.2	999.9	99.9	99.9	46.4	56.
30.9	102.0	12790.5	175.0	-57.7	99.9	241.6	41.4	36.4	19.7	354.7	999.9	99.9	99.9	51.2	57.
33.2	108.3	13772.5	150.0	-54.4	99.9	246.6	38.2	35.1	15.2	376.3	999.9	99.9	99.9	56.6	57.
35.8	115.5	14939.3	125.0	-56.0	99.9	225.1	27.1	19.2	19.1	393.6	999.9	99.9	99.9	61.6	58.
39.1	124.0	16345.1	100.0	-59.8	99.9	999.9	99.9	99.9	99.9	412.3	999.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVEN BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX

6 MAY 1975
2015 GMT

142 10. 0

TIME MIN	ENCTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.8	1619.0	831.0	13.9	-12.3	220.0	10.3	6.6	7.9	302.4	308.3	1.8	15.0	0.0	0.
00.0	90.0	99.9	1000.0	99.9	99.9	90.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	21.0	1670.7	825.0	11.4	-12.3	236.4	11.2	9.3	6.2	309.5	306.3	1.8	17.6	0.3	44.
1.0	23.4	1934.1	800.0	7.3	-15.5	239.4	11.3	9.7	5.7	299.1	303.3	1.4	17.9	0.7	51.
1.6	25.6	2194.1	775.0	4.9	-16.8	245.3	11.5	10.5	4.8	299.3	303.3	1.3	18.5	1.1	55.
2.1	28.0	2459.9	750.0	2.1	-17.5	249.7	10.6	10.0	3.7	299.1	302.9	1.3	21.6	1.4	58.
2.7	30.5	2732.4	725.0	-0.2	-18.2	254.2	9.1	8.7	2.5	299.4	303.2	1.3	24.2	1.8	61.
3.2	33.1	3011.8	700.0	-2.9	-19.0	261.7	8.9	8.8	1.3	299.4	303.1	1.2	27.7	2.0	63.
3.9	35.5	3298.3	675.0	-5.8	-19.5	272.6	9.7	9.7	-0.4	299.3	302.9	1.2	33.1	2.3	66.
4.3	38.1	3592.4	650.0	-8.6	-20.1	272.0	10.4	10.4	-0.4	299.3	302.9	1.2	38.7	2.6	70.
5.0	40.7	3894.9	625.0	-11.8	-20.7	263.1	12.5	12.4	1.5	299.1	302.7	1.2	47.5	3.6	74.
7.1	43.4	4205.9	600.0	-14.8	-21.6	261.1	13.3	13.2	2.1	299.1	302.6	1.1	55.8	4.6	76.
8.1	46.3	4526.8	575.0	-16.6	-24.1	264.2	17.6	17.5	1.8	300.6	303.5	0.9	52.0	5.4	77.
8.9	49.3	4860.0	550.0	-17.9	-29.3	260.7	25.6	25.3	4.1	302.9	304.8	0.6	35.9	6.5	78.
9.8	52.0	5207.5	525.0	-18.7	-33.4	259.2	32.6	32.0	6.1	305.9	307.3	0.4	26.1	8.1	78.
11.1	55.0	5579.3	500.0	-19.8	-34.3	256.8	35.6	34.7	8.1	308.9	310.3	0.4	26.1	10.7	78.
12.6	57.9	5951.0	475.0	-20.1	-34.5	249.8	42.1	39.5	14.5	313.1	314.5	0.4	26.1	14.3	77.
14.2	61.1	6349.9	450.0	-22.7	-36.8	248.9	44.4	41.4	16.0	314.7	315.9	0.4	26.2	18.3	75.
15.6	64.6	6767.0	425.0	-25.4	-39.1	246.5	44.2	40.5	17.7	316.4	317.5	0.3	26.4	22.2	74.
17.2	67.9	7205.1	400.0	-27.7	-41.1	244.2	45.7	41.2	19.9	318.9	319.9	0.3	26.4	26.5	72.
19.0	71.3	7666.7	375.0	-30.1	-43.1	241.8	44.6	39.3	21.1	321.7	322.5	0.2	26.5	31.3	71.
20.9	75.2	8155.0	350.0	-33.0	-45.6	240.9	47.1*	41.2	22.9	324.2	324.8	0.2	26.7	36.3	70.
22.6	79.2	8671.9	325.0	-37.2	-49.3	241.9	48.4*	42.7	22.8	325.3	325.8	0.1	26.8	41.4	69.
24.1	83.2	9220.8	300.0	-40.8	99.9	239.4	44.6*	38.4	22.7	327.9	999.9	99.9	999.9	45.4	68.
26.0	87.5	9808.2	275.0	-46.0	99.9	235.6	41.1*	34.0	23.2	328.6	999.9	99.9	999.9	50.4	67.
28.3	92.2	10435.3	250.0	-50.0	99.9	237.1	38.9*	32.7	21.1	331.7	999.9	99.9	999.9	55.6	66.
30.7	97.0	11117.2	225.0	-53.7	99.9	240.5	46.5*	40.4	22.9	336.2	999.9	99.9	999.9	62.4	65.
33.2	102.0	11873.2	200.0	-54.8	99.9	231.0	38.7*	30.1	24.3	345.9	999.9	99.9	999.9	67.7	65.
36.6	108.3	12735.8	175.0	-50.9	99.9	239.9	31.5*	27.2	15.8	365.9	999.9	99.9	999.9	74.0	64.
39.3	114.3	13729.2	150.0	-54.6	99.9	244.7	29.1*	26.3	12.5	376.0	999.9	99.9	999.9	79.4	64.
43.9	121.3	14902.0	125.0	-55.1	99.9	230.6	21.3*	16.4	13.5	395.2	999.9	99.9	999.9	87.2	63.
48.7	129.0	16317.7	100.0	-57.2	99.9	251.6	18.8*	17.8	5.9	417.3	999.9	99.9	999.9	92.5	63.
54.1	137.3	18132.2	75.0	-60.3	99.9	211.6	15.3*	8.0	13.0	446.4	999.9	99.9	999.9	98.7	62.
61.9	146.0	20678.0	50.0	-58.7	99.9	8.2	6.7*	-1.0	-6.6	505.2	999.9	99.9	999.9	100.3	62.
73.9	155.3	25116.9	25.0	-51.7	99.9	269.1	6.3	6.3	0.1	636.5	999.9	99.9	999.9	100.0	62.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL

6 MAY 1975
2107 GMT

156 19.0 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	175.0	988.4	20.5	18.4	230.0	5.2	4.0	3.3	296.5	332.1	13.7	88.0	7.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	6.8	293.4	975.0	19.9	17.9	188.8	10.7	1.6	10.6	297.0	332.1	13.4	88.1	0.3	353.
1.1	9.2	517.4	950.0	18.2	17.0	195.0	12.7	3.3	12.3	297.4	331.5	13.0	93.0	0.6	3.
1.7	11.4	746.2	925.0	17.0	15.6	197.9	13.1	4.0	12.4	298.3	330.4	12.2	91.5	1.2	10.
2.5	13.8	980.4	900.0	16.5	12.9	184.1	11.3	0.8	11.3	299.9	326.1	10.5	79.6	1.8	11.
3.2	16.1	1220.2	875.0	15.0	12.5	175.8	11.7	-0.8	11.6	307.8	329.1	10.5	85.1	2.2	9.
4.0	18.5	1466.1	850.0	14.1	10.5	178.4	8.2	-0.2	8.2	302.2	327.9	9.4	78.7	2.7	6.
4.6	20.9	1718.0	825.0	13.1	9.1	193.0	5.3	1.2	5.2	303.6	328.0	8.9	76.7	3.0	6.
5.4	23.5	1976.3	800.0	11.0	5.8	177.5	2.3	-0.1	2.3	303.8	324.1	7.3	70.4	3.1	7.
6.3	25.9	2240.6	775.0	8.6	5.5	110.9	1.0	-0.9	0.3	304.0	324.4	7.3	80.9	3.2	6.
7.0	28.6	2511.3	750.0	6.2	4.6	55.1	1.5	-1.3	-0.9	304.2	324.1	7.1	89.5	3.2	5.
7.9	31.2	2788.6	725.0	4.0	1.5	34.2	3.0	-1.7	-2.5	304.7	321.4	5.9	83.5	3.1	4.
8.7	34.7	3073.1	700.0	1.8	-0.1	27.9	3.1	-1.4	-2.7	305.1	320.7	5.5	87.6	2.9	2.
9.5	36.6	3365.9	675.0	-0.3	-1.3	344.1	0.4	0.1	-0.4	305.9	320.7	5.2	93.0	2.8	1.
10.5	39.6	3667.7	650.0	-1.5	-2.0	218.0	4.1	2.5	3.2	307.9	322.6	5.1	96.9	2.9	3.
11.4	42.3	3978.9	625.0	-3.8	-4.4	234.2	5.7	4.6	3.3	308.7	321.5	4.4	95.3	3.2	6.
12.5	45.3	4301.6	600.0	-4.3	-4.9	274.7	8.4	8.4	-0.7	311.6	324.7	4.4	95.6	3.4	13.
13.5	48.4	4636.7	575.0	-5.9	-6.5	297.3	10.5	9.3	-4.8	313.6	325.9	4.1	95.4	3.4	24.
14.5	51.3	4984.0	550.0	-8.0	-8.7	303.9	9.9	8.2	-5.5	315.1	326.0	3.6	94.5	3.3	35.
15.7	54.5	5344.7	525.0	-10.0	-11.4	286.2	7.9	7.6	-2.2	316.8	326.2	3.1	89.8	3.4	45.
16.8	57.6	5719.0	500.0	-13.2	-16.4	260.5	7.3	7.2	1.2	317.1	323.8	2.1	76.7	3.8	51.
18.0	61.1	6107.4	475.0	-16.2	-18.8	278.7	7.9	7.8	-1.2	318.1	323.9	1.8	80.0	4.2	54.
19.3	64.6	6514.1	450.0	-17.4	-20.0	281.6	12.3	12.0	-2.5	321.5	327.2	1.7	79.8	4.7	61.
20.6	68.0	6939.6	425.0	-20.4	-23.6	280.4	16.8	16.5	-3.0	322.9	327.4	1.3	75.0	5.7	68.
21.9	71.6	7386.3	400.0	-23.6	-27.4	282.5	18.7	18.2	-4.0	324.3	327.8	1.0	71.1	7.0	75.
23.5	75.5	7855.5	375.0	-26.5	-30.3	266.0	17.8	17.7	1.2	326.6	329.4	0.8	69.6	8.6	80.
24.8	79.5	8350.6	350.0	-30.3	-34.8	259.2	20.3	19.9	3.8	327.9	329.9	0.6	64.5	10.1	80.
26.9	83.5	8873.3	325.0	-34.5	-40.1	264.7	22.4	22.3	2.1	329.1	330.4	0.4	56.4	12.9	80.
28.6	87.8	9427.0	300.0	-39.3	99.9	267.0	22.6	22.6	1.2	330.0	999.9	99.9	999.9	15.2	81.
30.3	92.5	10016.4	275.0	-44.6	99.9	263.5	23.0	22.8	2.6	330.7	999.9	99.9	999.9	17.3	82.
32.2	97.2	11666.7	250.0	-50.4	99.9	264.5	24.0	23.9	2.3	331.2	999.9	99.9	999.9	20.0	82.
34.1	102.2	11325.3	225.0	-56.2	99.9	263.5	22.6	22.5	2.5	332.3	999.9	99.9	999.9	22.6	82.
36.3	107.8	12063.0	200.0	-62.1	99.9	266.9	20.9	26.9	1.5	334.4	999.9	99.9	999.9	25.8	82.
38.6	113.8	12878.9	175.0	-66.6	99.9	270.9	34.2	34.2	-0.5	340.0	999.9	99.9	999.9	30.1	84.
41.9	120.0	13811.0	150.0	-62.2	99.9	289.1	25.2	23.8	-8.2	362.9	999.9	99.9	999.9	35.8	86.
45.8	127.0	14935.2	125.0	-61.9	99.9	285.0	18.6	18.0	-4.8	383.0	999.9	99.9	999.9	39.8	89.
50.5	134.7	16327.2	100.0	-58.9	99.9	289.2	15.2	14.3	-5.0	414.1	999.9	99.9	999.9	44.3	91.
56.7	142.0	19129.5	75.0	-58.8	99.9	337.6	7.9	3.0	-7.3	449.7	999.9	99.9	999.9	48.5	93.
64.5	149.7	20661.5	50.0	-60.8	99.9	283.9	4.9	4.7	-1.2	500.4	999.9	99.9	999.9	50.7	94.
77.0	158.0	25072.7	25.0	-51.0	99.9	164.7	2.7	-0.7	2.6	638.1	999.9	99.9	999.9	49.8	95.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KAN

6 MAY 1975
2015 GMT

154 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	912.9	21.7	-5.2	220.0	9.2	5.9	7.0	303.0	311.4	2.8	16.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.9	913.0	900.0	18.2	-3.2	218.8	15.5	9.7	12.0	300.7	310.4	3.4	23.1	0.4	36.
1.1	17.1	1153.0	875.0	16.0	-3.9	220.7	13.6	8.9	10.3	300.9	310.3	3.3	25.1	1.0	38.
1.7	16.5	1399.0	850.0	13.5	-6.0	218.4	13.2	8.2	11.2	300.7	309.1	2.9	25.2	1.4	39.
2.5	21.7	1647.9	825.0	10.0	-8.2	214.6	12.5	7.1	10.3	300.5	307.8	2.5	25.3	2.0	38.
3.5	24.2	1903.2	800.0	8.6	-9.1	214.3	13.2	7.5	10.9	300.6	307.6	2.4	27.5	2.8	37.
4.5	26.6	2164.1	775.0	5.9	-10.9	214.7	13.4	7.6	11.0	300.4	306.7	2.2	28.8	3.6	37.
5.3	29.2	2431.2	750.0	3.4	-12.5	214.4	12.8	7.2	10.6	300.5	306.3	1.9	30.0	4.2	36.
6.3	31.9	2704.8	725.0	0.9	-14.8	229.7	13.5	10.3	8.7	300.6	305.7	1.7	29.7	4.9	37.
7.0	34.6	2980.8	700.0	0.9	-17.5	237.0	19.1	16.0	10.4	303.6	307.8	1.4	23.7	5.6	39.
7.6	37.1	3278.0	675.0	-0.9	-20.2	240.4	22.1	19.2	10.9	304.7	308.3	1.1	21.4	6.5	41.
8.4	40.0	3577.5	650.0	-3.8	-22.5	240.2	23.5	20.4	11.7	304.8	307.8	1.0	21.6	7.4	44.
9.3	42.7	3887.4	625.0	-2.8	-21.8	229.8	25.8	19.7	10.6	309.3	312.7	1.1	21.6	8.7	47.
10.5	45.6	4210.8	600.0	-3.5	-22.3	219.2	29.1	18.4	22.6	312.2	315.6	1.1	21.6	10.8	45.
11.6	48.6	4545.7	575.0	-5.9	-24.2	221.7	28.4	18.9	21.2	313.2	316.3	0.9	21.7	12.8	44.
12.8	51.6	4892.1	550.0	-8.7	-26.5	225.2	28.3	20.1	19.9	313.9	316.5	0.8	21.9	14.7	44.
13.8	54.8	5250.9	525.0	-11.1	-28.5	223.1	30.5	20.9	22.3	315.2	317.5	0.7	22.1	16.4	45.
15.0	57.9	5624.0	500.0	-13.4	-30.5	215.6	33.8	19.7	27.5	316.7	318.7	0.6	22.2	18.8	44.
16.1	61.3	6012.0	475.0	-16.3	-32.8	215.7	35.0	20.4	28.4	317.8	319.5	0.5	22.4	21.0	43.
17.2	64.9	6416.7	450.0	-18.8	-34.9	215.7	34.1	19.9	27.7	319.6	321.1	0.4	22.5	23.2	42.
18.3	68.3	6839.4	425.0	-22.4	-37.9	215.0	31.4	18.0	25.7	320.2	321.4	0.3	22.7	25.4	42.
19.5	71.7	7282.8	400.0	-24.7	-38.7	218.6	37.0	23.1	28.9	322.9	324.1	0.3	25.6	27.8	41.
20.9	75.7	7749.2	375.0	-28.3	-41.5	214.9	32.5	18.6	26.7	324.0	325.0	0.3	26.8	31.2	41.
22.5	79.9	8239.8	350.0	-32.5	-44.6	221.0	34.3	22.5	25.9	324.8	325.6	0.2	28.7	34.2	40.
24.1	83.8	8757.9	325.0	-36.5	-48.1	224.3	39.1	27.3	28.0	326.3	326.8	0.1	28.8	37.5	41.
25.7	88.0	9307.3	300.0	-40.8	-99.9	221.1	25.8	16.9	19.4	327.9	999.9	99.9	999.9	40.5	41.
27.2	92.8	9891.9	275.0	-46.4	-99.9	222.4	35.6	24.0	26.3	328.0	999.9	99.9	999.9	43.3	41.
29.0	97.6	10517.8	250.0	-51.5	-99.9	224.5	26.8	18.8	19.1	329.5	999.9	99.9	999.9	47.2	41.
31.0	102.5	11195.7	225.0	-55.3	-99.9	226.1	27.2	19.6	18.8	333.8	999.9	99.9	999.9	50.5	42.
33.2	108.3	11941.2	200.0	-57.8	-99.9	218.9	26.0	16.3	20.2	341.3	999.9	99.9	999.9	54.0	42.
36.2	114.3	12783.6	175.0	-57.4	-99.9	229.4	24.0	18.2	15.6	355.2	999.9	99.9	999.9	58.4	42.
39.0	120.8	13761.9	150.0	-55.3	-99.9	239.1	22.1	19.0	11.4	374.9	999.9	99.9	999.9	63.8	43.
43.4	128.0	14920.1	125.0	-55.9	-99.9	229.5	21.3	16.2	13.8	393.8	999.9	99.9	999.9	67.6	43.
48.0	136.0	16335.3	100.0	-53.8	-99.9	253.8	14.8	14.2	4.1	423.8	999.9	99.9	999.9	74.1	44.
53.9	144.3	18147.9	75.0	-60.0	-99.9	236.8	8.5	7.1	4.6	447.2	999.9	99.9	999.9	78.5	46.
61.5	153.5	20886.7	50.0	-60.1	-99.9	73.7	4.9	-4.7	-1.4	501.9	999.9	99.9	999.9	78.9	46.
72.7	163.0	25100.1	25.0	-51.2	-99.9	21.6	1.6	-0.6	-1.5	637.6	999.9	99.9	999.9	78.1	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN

6 MAY 1975
2015 GMT

154 37. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	263.0	970.5	30.0	19.1	180.0	9.8	0.0	9.8	307.8	347.4	14.5	52.0	0.0	0.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	9.6	456.8	950.0	24.9	18.2	184.0	13.1	0.9	13.0	304.3	342.1	14.0	66.3	0.7	3.
2.1	11.9	690.6	925.0	22.4	17.1	180.3	11.9	0.1	11.9	304.1	340.4	13.5	72.1	1.6	3.
3.2	14.4	928.6	900.0	19.4	17.5	180.6	12.4	0.1	12.4	303.4	341.4	14.1	88.4	2.4	2.
4.2	16.8	1171.1	875.0	17.1	16.3	185.3	14.1	1.3	14.1	303.3	339.5	13.5	95.2	3.2	2.
5.1	19.3	1418.3	850.0	14.8	14.2	190.6	14.8	2.7	14.5	303.3	330.1	12.1	96.2	4.0	3.
6.2	21.8	1671.0	825.0	12.2	10.8	196.2	15.2	4.2	14.6	302.8	330.0	10.0	91.2	4.9	5.
7.1	24.5	1928.6	800.0	10.9	7.7	191.2	20.1	3.9	19.8	303.8	325.6	7.9	76.8	5.9	7.
8.9	27.0	2193.8	775.0	10.0	5.6	192.3	17.9	3.8	17.5	305.6	326.2	7.4	73.7	7.8	7.
9.9	29.8	2467.4	750.0	10.3	4.5	194.7	18.4	4.7	17.8	308.7	328.8	7.1	67.4	9.0	8.
10.9	32.7	2748.8	725.0	8.4	2.2	193.8	16.9	4.0	16.4	309.5	327.3	6.2	64.9	10.0	9.
12.3	35.5	3038.3	700.0	6.1	-0.2	195.5	17.1	4.6	16.5	309.9	325.6	5.4	64.0	11.3	10.
13.6	38.4	3335.2	675.0	3.7	-2.9	196.5	18.9	5.4	18.1	310.4	323.9	4.6	62.1	12.8	10.
14.5	41.1	3641.0	650.0	1.5	-4.6	198.8	16.4	5.3	15.5	311.3	323.7	4.2	63.0	13.9	11.
15.7	44.3	3955.9	625.0	-1.0	-7.4	200.5	16.3	5.7	15.2	311.7	322.3	3.5	62.0	14.8	11.
16.6	47.4	4280.0	600.0	-4.7	-8.3	202.1	17.1	6.5	15.9	311.1	321.3	3.4	75.7	15.8	12.
17.6	50.4	4613.4	575.0	-7.7	-9.6	202.9	15.6	6.1	14.3	311.3	321.0	3.2	86.5	16.7	13.
18.8	53.6	4958.1	550.0	-9.8	-11.4	199.7	15.8	5.3	14.8	312.8	321.7	2.9	88.2	17.8	13.
21.0	56.7	5316.4	525.0	-11.6	-13.5	204.3	18.7	7.7	17.1	314.7	322.7	2.6	86.3	20.3	14.
22.2	60.1	5685.3	500.0	-13.6	-15.8	208.3	20.1	9.5	17.7	316.7	323.7	2.2	83.6	21.7	15.
24.0	63.7	6078.4	475.0	-15.3	-18.0	215.1	20.8	12.0	17.0	319.2	325.5	2.0	80.0	23.8	16.
25.5	67.2	6485.1	450.0	-17.8	-20.9	225.6	20.3	14.5	14.2	321.0	326.2	1.6	76.2	25.4	18.
27.0	70.8	6910.0	425.0	-21.1	-24.8	222.3	20.0	13.5	14.8	322.0	326.0	1.2	71.9	27.0	20.
28.0	74.7	7355.0	400.0	-24.3	-28.1	220.2	19.4	12.5	14.8	323.5	326.6	0.9	70.2	28.3	21.
29.3	78.7	7822.1	375.0	-28.3	-32.8	227.7	15.8	11.7	10.6	324.1	326.3	0.6	65.1	29.4	22.
31.0	82.7	8313.5	350.0	-31.9	-36.7	225.9	17.7	12.7	12.3	325.7	327.3	0.5	62.3	31.0	23.
33.4	86.8	8832.5	325.0	-36.1	-41.1	235.4	18.4	15.1	10.4	326.9	328.0	0.3	59.4	33.4	25.
35.1	91.4	9384.0	300.0	-39.9	99.9	247.7	13.1	12.2	5.0	329.2	999.9	99.9	99.9	34.9	27.
36.7	96.0	9972.6	275.0	-44.4	99.9	249.3	14.2	13.2	5.0	330.9	999.9	99.9	99.9	35.7	28.
39.0	101.0	10602.8	250.0	-50.1	99.9	249.0	12.9	12.1	4.6	331.6	999.9	99.9	99.9	36.8	30.
40.9	106.5	11282.4	225.0	-56.0	99.9	247.1	12.9	11.9	5.0	332.7	999.9	99.9	99.9	38.2	31.
44.3	112.3	12025.9	200.0	-58.6	99.9	245.5	21.7	19.8	9.0	340.0	999.9	99.9	99.9	41.1	34.
47.3	118.5	12859.2	175.0	-61.2	99.9	236.9	17.2	14.4	9.4	348.9	999.9	99.9	99.9	43.7	36.
51.1	125.0	13811.6	150.0	-58.4	99.9	233.3	18.8	15.1	11.2	369.5	999.9	99.9	99.9	48.1	37.
54.5	132.3	14953.7	125.0	-60.0	99.9	241.5	20.5	18.0	9.8	386.3	999.9	99.9	99.9	51.6	39.
59.0	139.8	16354.6	100.0	-59.3	99.9	255.3	17.1	16.6	4.4	413.1	999.9	99.9	99.9	54.9	43.
65.7	147.5	18153.3	75.0	-60.8	99.9	266.2	10.4	10.4	0.7	445.6	999.9	99.9	99.9	58.4	46.
74.5	155.7	20691.1	50.0	-59.5	99.9	332.4	4.4	2.0	-3.9	503.4	999.9	99.9	99.9	58.8	48.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, COLO

6 MAY 1975
2015 GMT

150 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.1	1474.0	844.0	8.3	-6.2	270.0	6.7	6.7	0.0	295.8	3.3.9	2.8	35.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	21.7	1661.6	825.0	6.5	-8.0	270.3	7.7	7.7	-0.0	295.8	303.1	2.5	34.6	0.3	91.
1.4	24.2	1912.6	800.0	3.7	-9.0	261.8	7.2	7.1	1.0	295.4	302.4	2.4	39.0	0.6	89.
2.2	26.6	2169.3	775.0	1.3	-10.1	252.7	7.6	7.2	2.3	295.5	302.0	2.3	42.4	1.0	85.
2.8	29.2	2431.8	750.0	-1.6	-11.8	248.2	6.9	6.4	2.6	295.1	301.1	2.1	45.7	1.2	81.
3.7	31.9	2700.7	725.0	-4.0	-12.5	252.0	6.8	6.4	2.1	295.3	301.2	2.0	51.6	1.6	78.
4.7	34.6	2976.4	700.0	-6.6	-13.3	255.6	7.2	7.0	1.8	295.4	301.1	2.0	59.0	2.0	78.
5.7	37.1	3259.2	675.0	-9.1	-13.9	244.7	6.9	6.2	3.0	295.6	301.3	1.9	68.0	2.4	76.
7.1	40.0	3549.8	650.0	-11.9	-16.0	251.0	6.8	6.5	2.1	295.7	300.6	1.7	71.2	3.0	75.
8.3	42.7	3848.9	625.0	-14.2	-14.3	257.6	7.0	6.8	1.5	296.4	302.3	2.0	99.6	3.5	75.
9.5	45.8	4156.5	600.0	-17.6	-20.3	253.7	6.7	6.4	1.9	295.9	299.7	1.3	78.8	4.0	75.
10.6	48.9	4473.9	575.0	-20.0	-23.8	251.7	7.3	6.9	2.3	296.6	299.6	1.0	71.6	4.5	75.
11.7	51.9	4801.7	550.0	-23.0	-32.7	251.0	7.2	6.8	2.4	296.8	298.2	0.4	40.4	5.0	75.
12.9	55.0	5140.8	525.0	-25.5	-36.7	244.7	7.1	6.4	3.0	297.8	298.8	0.3	34.0	5.5	74.
14.1	58.1	5492.8	500.0	-28.5	-38.8	243.6	7.1	6.3	3.1	298.2	299.1	0.3	36.1	5.9	73.
15.3	61.6	5858.6	475.0	-31.0	-40.7	225.9	6.8	4.9	4.8	299.6	300.4	0.2	37.2	6.5	72.
16.5	65.1	6240.1	450.0	-33.4	-41.1	189.5	5.1	0.8	5.0	301.2	302.0	0.2	45.8	6.8	69.
17.9	68.7	6638.6	425.0	-37.1	-47.2	138.7	3.6	-2.4	2.7	301.5	301.9	0.1	33.6	6.9	67.
19.3	72.2	7056.4	400.0	-38.9	-46.8	68.4	7.0	-6.5	-2.6	304.4	304.9	0.1	42.3	6.5	65.
20.7	76.2	7496.6	375.0	-41.8	99.9	46.6	9.8	-7.1	-6.7	306.3	999.9	99.9	999.9	5.7	67.
22.1	80.3	7962.2	350.0	-43.9	99.9	34.6	5.8	-3.3	-4.8	309.5	999.9	99.9	999.9	5.1	69.
23.8	84.5	8462.4	325.0	-41.0	99.9	278.0	2.4	2.4	-0.3	320.2	999.9	99.9	999.9	4.9	73.
25.5	88.8	9005.9	300.0	-41.6	99.9	251.9	8.2	7.8	2.6	326.7	999.9	99.9	999.9	5.6	73.
27.6	93.7	9596.3	275.0	-41.8	99.9	243.0	14.9	13.3	6.8	334.7	999.9	99.9	999.9	6.9	71.
29.7	98.6	10241.8	250.0	-41.7	99.9	240.9	18.1	15.8	8.8	344.1	999.9	99.9	999.9	8.9	70.
32.0	103.8	10955.9	225.0	-42.0	99.9	243.2	18.8	16.8	8.5	354.2	999.9	99.9	999.9	11.6	68.
34.5	109.6	11751.2	200.0	-44.2	99.9	231.1	19.0	14.8	12.0	362.9	999.9	99.9	999.9	14.3	66.
37.8	115.6	12637.3	175.0	-48.7	99.9	228.8	15.9	11.9	10.5	369.5	999.9	99.9	999.9	17.6	63.
41.1	122.5	13641.1	150.0	-51.8	99.9	239.0	15.1	12.9	7.7	380.2	999.9	99.9	999.9	20.8	62.
45.2	130.0	14626.5	125.0	-52.2	99.9	231.3	8.5	6.6	5.3	400.6	999.9	99.9	999.9	23.5	61.
50.1	138.0	16261.4	100.0	-52.8	99.9	206.9	9.1	4.1	8.1	425.8	999.9	99.9	999.9	25.7	57.
56.3	146.3	18123.4	75.0	-54.4	99.9	164.1	5.8	-1.6	5.5	459.0	999.9	99.9	999.9	27.1	53.
63.8	155.3	20692.7	50.0	-58.0	99.9	36.7	1.2	-0.7	-0.9	506.9	999.9	99.9	999.9	27.9	51.
75.7	165.0	25114.3	25.0	-52.2	99.9	5.9	2.5	-0.3	-2.4	634.7	999.9	99.9	999.9	28.1	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975
2015 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
0.7	5.9	180.0	991.6	23.3	17.5	200.0	2.1	0.7	2.0	298.9	332.9	12.8	70.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
7.6	7.2	327.4	975.0	21.7	16.6	217.3	4.4	7.7	3.5	298.6	331.1	12.3	72.8	0.1	7.
1.5	9.2	552.5	950.0	19.6	16.0	206.9	5.8	2.6	5.1	298.7	330.9	12.2	79.9	0.4	25.
2.3	10.9	782.1	925.0	18.1	13.6	211.0	7.1	3.6	6.1	299.2	327.7	10.7	75.1	0.7	26.
3.2	12.9	1016.5	900.0	16.2	11.1	224.7	9.2	6.5	6.6	299.5	324.5	9.3	71.7	1.1	30.
4.0	15.0	1256.0	875.0	14.8	12.2	228.8	11.7	8.8	7.7	300.5	328.1	10.3	84.4	1.6	36.
4.9	16.8	1501.5	850.0	13.2	12.3	229.5	9.2	7.0	5.9	301.4	330.1	10.7	94.4	2.2	40.
6.0	19.0	1752.4	825.0	11.1	10.7	231.5	11.4	8.9	7.1	301.7	328.5	9.9	97.4	2.8	42.
7.0	21.0	2009.6	800.0	9.3	8.8	240.0	12.0	10.4	6.0	302.2	326.7	9.0	96.8	3.5	45.
8.1	23.2	2272.7	775.0	7.1	6.6	234.6	12.8	10.4	7.4	302.5	324.4	7.9	96.6	4.4	47.
9.3	25.4	2542.3	750.0	5.4	4.8	229.3	15.1	11.5	9.9	303.4	323.4	7.2	95.5	5.3	48.
10.6	27.6	2819.1	725.0	3.5	2.8	219.8	16.8	10.8	12.9	304.1	322.3	6.5	95.2	6.6	47.
11.7	30.0	3103.4	700.0	1.6	0.6	217.6	15.3	9.4	12.1	305.0	321.2	5.7	93.0	7.7	46.
12.8	32.5	3396.2	675.0	-0.2	-2.5	207.4	12.2	5.6	10.9	306.0	319.7	4.8	85.0	8.6	45.
13.8	35.0	3697.8	650.0	-1.2	-9.8	193.0	8.9	2.0	8.7	308.0	316.3	2.8	51.6	9.2	43.
15.0	37.4	4010.1	625.0	-3.1	-11.5	168.5	3.7	-0.7	3.6	309.3	317.0	2.5	52.2	9.5	41.
16.3	40.1	4332.0	600.0	-5.0	-11.7	227.7	3.6	2.6	2.4	310.6	318.5	2.6	59.2	9.5	40.
17.5	42.8	4666.2	575.0	-6.6	-9.3	243.5	8.0	7.2	3.6	312.7	322.6	3.3	81.4	10.1	41.
19.0	45.6	5012.5	550.0	-9.0	-9.6	237.6	11.7	9.9	6.3	313.8	324.0	3.4	95.3	10.8	43.
20.2	48.6	5371.9	525.0	-10.8	-11.5	240.4	11.4	9.9	5.6	315.7	325.0	3.0	95.1	11.7	44.
21.5	51.6	5746.0	500.0	-12.7	-13.4	244.8	9.8	8.9	4.2	317.8	326.3	2.7	94.4	12.5	45.
23.1	54.8	6135.2	475.0	-16.1	-19.4	255.3	7.1	6.8	1.8	318.2	323.8	1.7	76.1	13.2	47.
24.6	57.9	6540.1	450.0	-19.1	-26.7	272.5	7.8	7.7	-0.3	319.3	322.5	1.0	50.8	13.7	48.
26.1	61.4	6961.6	425.0	-23.0	-48.1	280.0	10.4	10.3	-1.8	319.5	319.9	0.1	8.8	14.3	50.
27.5	65.1	7413.9	400.0	-25.4	-36.2	283.5	16.4	16.0	-3.8	322.0	323.5	0.4	35.4	14.9	54.
28.8	68.7	7865.9	375.0	-29.4	-49.5	258.1	16.8	14.8	-7.5	322.6	323.1	0.1	13.5	15.8	58.
30.6	72.6	8359.3	350.0	-31.9	-54.1	259.6	17.9	15.5	-8.9	325.7	325.9	0.1	9.0	16.7	64.
32.4	76.8	8879.0	325.0	-35.8	-59.7	295.3	15.4	13.9	-6.6	327.3	327.4	0.0	6.5	17.8	69.
34.5	81.2	9430.0	300.0	-40.4	99.9	298.4	15.6	13.7	-7.4	328.4	999.9	99.9	999.9	19.2	73.
36.9	85.8	10017.1	275.0	-45.3	99.9	297.5	18.9	16.7	-8.7	329.6	999.9	99.9	999.9	20.9	78.
39.1	90.8	10645.4	250.0	-50.5	99.9	294.0	19.8	18.1	-8.1	330.9	999.9	99.9	999.9	22.9	82.
41.5	96.2	11323.1	225.0	-56.0	99.9	281.5	24.4	23.9	-4.9	332.7	999.9	99.9	999.9	25.6	85.
43.5	101.8	12063.8	200.0	-61.0	99.9	277.8	32.3	32.0	-4.4	336.1	999.9	99.9	999.9	29.1	86.
46.7	108.0	12985.0	175.0	-65.0	99.9	281.1	34.2	33.5	-6.6	342.6	999.9	99.9	999.9	35.0	89.
49.8	115.0	13822.2	150.0	-66.7	99.9	285.9	37.6	36.2	-10.3	355.3	999.9	99.9	999.9	42.1	91.
53.6	122.5	14932.0	125.0	-65.0	99.9	301.0	30.9	26.5	-15.9	377.2	999.9	99.9	999.9	49.6	94.
58.0	130.5	16289.5	100.0	-65.0	99.9	283.8	23.0	22.4	-5.5	402.1	999.9	99.9	999.9	55.5	97.
63.7	138.8	18044.9	75.0	-64.0	99.9	319.7	9.5	6.1	-7.2	438.8	999.9	99.9	999.9	60.9	96.
71.1	147.0	20552.5	50.0	-61.2	99.9	71.6	6.8	-6.5	-2.1	499.2	999.9	99.9	999.9	62.1	100.
82.8	156.0	24356.4	25.0	-52.0	99.9	286.1	2.6	2.5	-0.7	635.3	999.9	99.9	999.9	61.4	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, CKLA

6 MAY 1975
2100 GMT

134 72.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	8.5	362.0	963.0	27.0	1.4	270.0	4.1	4.1	0.0	304.0	316.7	4.4	19.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.6	481.6	950.0	25.5	0.4	253.0	8.4	8.1	2.5	303.7	315.6	4.2	19.3	0.5	71.0
1.7	11.5	714.5	925.0	23.2	-0.8	249.2	7.6	7.1	2.7	303.6	314.8	3.9	20.3	1.0	71.0
2.9	13.7	951.9	900.0	20.8	-2.6	250.4	7.3	6.9	2.5	303.4	313.0	3.5	20.5	1.5	70.0
3.8	15.7	1194.1	875.0	18.6	-3.4	249.8	7.2	6.8	2.5	303.5	313.5	3.4	22.3	1.9	70.0
4.9	17.8	1441.2	850.0	16.1	-3.7	258.5	7.2	7.1	1.4	303.5	313.4	3.4	25.2	2.4	71.0
6.2	20.1	1693.7	825.0	13.8	-5.1	250.5	8.3	7.9	2.8	303.6	312.8	3.2	26.5	2.9	72.0
7.3	22.3	1951.6	800.0	11.4	-6.0	250.5	10.5	9.9	3.5	303.7	312.7	3.1	29.0	3.6	71.0
8.3	24.6	2215.6	775.0	9.0	-7.6	240.8	11.1	9.6	5.4	303.9	312.1	2.8	30.1	4.3	71.0
9.6	26.7	2496.1	750.0	7.1	-10.6	243.9	15.4	13.9	6.8	304.6	311.4	2.3	26.9	5.2	69.0
11.1	29.2	2764.8	725.0	7.1	-10.3	242.9	21.7	19.3	9.9	307.5	314.8	2.4	27.8	7.0	69.0
12.6	31.8	3052.4	700.0	5.6	-11.6	278.4	20.1	15.0	13.4	308.9	315.8	2.3	27.8	8.8	66.0
13.9	34.3	3348.8	675.0	3.5	-11.2	213.2	20.1	11.0	16.9	309.9	317.3	2.4	33.1	10.2	62.0
15.2	36.8	3637.9	650.0	1.7	-13.3	213.0	21.7	11.8	18.2	311.1	317.0	2.1	31.8	11.6	58.0
16.4	39.5	3968.9	625.0	-0.5	-13.7	212.8	23.7	12.9	20.0	312.2	318.7	2.1	36.1	13.2	55.0
17.7	42.1	4293.5	600.0	-3.4	-19.4	215.1	25.7	14.8	21.0	312.3	318.8	1.4	28.0	15.1	52.0
19.2	45.0	4628.3	575.0	-6.3	-28.8	215.1	26.3	15.1	21.5	312.6	314.7	0.6	14.7	17.2	50.0
20.6	47.9	4974.9	550.0	-7.4	-32.2	213.2	30.2	16.5	25.3	315.4	317.0	0.5	11.6	19.5	48.0
22.0	50.8	5335.9	525.0	-9.6	-33.8	214.9	29.4	16.8	24.1	316.9	318.3	0.4	11.8	22.0	46.0
23.4	53.9	5710.6	500.0	-12.0	-35.5	217.7	28.3	17.3	22.4	318.4	319.6	0.4	12.0	24.5	45.0
24.9	56.9	6101.3	475.0	-14.7	-37.5	225.0	25.7	18.1	18.1	319.8	320.9	0.3	12.2	26.9	45.0
26.6	60.3	6508.3	450.0	-17.8	-39.8	235.1	22.8	18.7	13.1	320.8	321.8	0.3	12.5	29.3	45.0
28.4	63.8	6933.2	425.0	-20.8	-42.0	237.7	21.9	18.5	11.7	322.2	323.0	0.2	12.8	31.6	46.0
30.1	67.2	7377.5	400.0	-24.8	-45.0	239.0	22.0	18.9	11.3	322.7	323.3	0.2	13.2	34.0	47.0
31.9	70.9	7844.3	375.0	-27.7	-47.3	247.9	23.4	21.7	8.8	324.8	325.3	0.1	13.4	36.2	48.0
33.8	74.7	8336.5	350.0	-31.2	-49.9	248.4	34.1	31.7	12.6	326.6	327.0	0.1	13.7	39.1	50.0
35.8	78.6	8857.6	325.0	-35.0	-52.8	244.1	44.9	40.4	19.6	328.4	328.7	0.1	14.1	43.5	52.0
37.9	83.0	9410.2	300.0	-39.8	-59.9	247.7	35.7	33.1	13.6	329.3	329.9	99.9	99.9	49.0	53.0
40.1	87.4	9998.9	275.0	-44.5	-69.9	241.2	51.0*	44.7	24.6	330.7	329.9	99.9	99.9	54.8	54.0
42.4	92.4	10631.0	250.0	-48.8	-79.9	244.1	42.5*	38.3	18.6	333.5	329.9	99.9	99.9	60.4	55.0
44.7	97.4	11316.0	225.0	-53.3	-99.9	249.0	35.1*	32.8	12.6	336.8	329.9	99.9	99.9	65.4	56.0
47.2	102.8	12069.5	200.0	-55.9	-99.9	247.9	39.2*	36.3	14.8	344.2	329.9	99.9	99.9	70.5	57.0
49.9	109.3	12915.1	175.0	-58.1	-99.9	244.4	54.1*	48.8	23.4	354.1	329.9	99.9	99.9	76.9	58.0
52.8	115.8	13879.4	150.0	-59.6	-99.9	250.9	40.2*	38.0	13.1	367.5	329.9	99.9	99.9	86.1	59.0
56.1	123.3	15017.7	125.0	-60.3	-99.9	243.4	36.0*	32.2	16.1	385.5	329.9	99.9	99.9	91.3	59.0
59.9	131.3	16412.3	100.0	-62.0	-99.9	248.1	19.1*	17.7	7.1	407.9	329.9	99.9	99.9	96.9	60.0
64.6	140.7	18175.5	75.0	-65.2	-99.9	99.9	99.9	99.9	99.9	436.2	329.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

7 May 1975

0000 GMT

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STATION NO. 232
BOOTHVILLE, LA

6 MAY 1975
2315 GMT

160 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	1.0	1009.3	26.1	24.3	160.0	6.7	-2.3	6.3	301.1	351.9	19.4	90.0	0.0	0.
0.2	6.9	82.9	1000.0	24.5	23.6	146.5	10.2	-5.6	8.5	300.2	349.2	18.7	94.7	0.4	337.
1.1	8.9	305.3	975.0	22.7	22.2	166.1	12.3	-2.9	11.9	300.3	346.6	17.6	97.4	0.8	332.
1.9	11.1	532.0	950.0	21.5	18.5	172.1	14.1	-1.9	13.9	300.9	339.0	14.4	83.7	1.5	343.
2.7	13.7	763.5	925.0	20.8	12.8	173.5	12.1	-1.4	12.0	302.0	329.5	10.2	60.3	2.1	345.
3.7	15.3	1001.0	900.0	20.3	14.7	190.5	7.4	1.3	7.2	304.0	336.2	11.8	70.3	2.7	348.
4.5	17.3	1244.5	875.0	19.0	15.6	195.2	7.7	2.0	7.4	305.2	340.3	12.9	80.8	3.0	351.
5.4	19.5	1493.5	850.0	17.2	13.4	223.6	6.7	4.6	4.8	305.7	337.1	11.5	78.2	3.3	355.
6.4	21.7	1748.3	825.0	15.2	13.2	217.4	9.2	6.2	6.9	306.3	338.3	11.7	87.9	3.6	1.
7.3	24.0	2018.6	800.0	13.4	3.6	234.0	6.7	5.4	3.9	306.3	323.9	6.2	51.4	3.9	5.
8.3	26.3	2276.6	775.0	14.5	-8.3	265.6	5.8	5.8	0.4	309.9	319.3	3.2	23.5	4.1	10.
9.2	28.6	2552.4	750.0	13.4	-22.6	285.4	6.4	6.2	-1.7	311.2	313.9	0.8	6.5	4.1	14.
10.2	31.2	2836.0	725.0	11.3	-23.6	291.3	8.0	7.4	-2.9	312.0	314.5	0.8	6.8	4.1	20.
11.2	33.7	3127.3	700.0	8.7	-25.0	290.4	9.1	8.6	-3.2	312.2	314.5	0.7	7.1	4.1	27.
12.4	36.3	3426.4	675.0	6.5	-26.1	292.8	11.2	10.4	-4.3	313.0	315.2	0.7	7.5	4.2	37.
13.4	38.9	3734.9	650.0	5.0	-20.5	287.0	12.3	11.8	-3.6	314.7	318.4	1.1	13.8	4.5	46.
14.6	41.5	4053.1	625.0	2.1	-17.9	272.6	14.5	14.4	-0.7	315.1	319.9	1.5	21.1	5.1	54.
15.6	44.1	4381.1	600.0	-0.2	-15.8	262.1	16.5	16.4	2.3	316.1	322.1	1.9	30.1	6.0	65.
16.9	47.0	4720.2	575.0	-3.2	-10.1	260.4	19.5	19.2	3.2	316.6	326.1	3.1	59.1	7.2	63.
18.1	50.0	5070.8	550.0	-5.8	-11.2	267.3	21.9	21.8	1.0	317.5	326.7	3.0	65.7	8.6	66.
19.4	52.9	5433.6	525.0	-9.1	-16.3	271.1	23.8	23.8	-0.5	317.7	324.2	2.0	55.5	10.4	71.
20.9	56.0	5809.2	500.0	-10.7	-42.5	276.9	21.4	21.2	-2.6	320.0	320.7	0.2	5.2	12.3	74.
22.2	59.0	6203.1	475.0	-11.4	-42.8	282.2	18.6	18.2	-3.9	323.9	324.5	0.2	5.3	13.8	77.
23.7	62.4	6615.1	450.0	-14.7	-44.3	286.1	15.7	15.1	-4.4	324.8	325.4	0.2	5.9	15.0	80.
25.2	65.9	7044.8	425.0	-18.2	-46.1	285.4	17.3	16.7	-4.6	325.6	326.1	0.1	6.6	16.4	82.
26.7	69.3	7455.2	400.0	-21.1	-47.6	286.5	19.8	19.0	-5.7	327.5	327.9	0.1	7.1	18.0	84.
28.3	72.8	7967.8	375.0	-25.1	-42.2	292.5	21.2	19.6	-8.1	328.4	329.3	0.2	18.6	19.7	87.
30.0	76.7	8465.1	350.0	-29.2	-34.7	289.0	25.8	24.4	-8.4	329.4	331.4	0.6	58.4	21.8	89.
31.8	81.0	8990.3	325.0	-33.9	-38.9	278.4	30.8	30.4	-4.5	330.0	331.4	0.4	60.2	24.9	91.
33.6	85.0	9546.8	300.0	-38.3	-42.6	276.1	31.2	31.0	-3.3	331.3	332.4	0.3	63.5	28.1	92.
35.7	89.2	10139.1	275.0	-43.1	99.9	275.4	33.9	33.8	-3.2	332.8	999.9	99.9	999.9	32.3	92.
38.0	94.0	10773.7	250.0	-48.6	99.9	277.2	32.2	32.0	-4.0	333.9	999.9	99.9	999.9	37.1	93.
40.3	99.0	11457.0	225.0	-55.1	99.9	278.7	36.6	36.1	-5.6	334.1	999.9	99.9	999.9	41.8	93.
43.0	104.3	12212.1	200.0	-58.8	99.9	283.4	41.9	40.7	-9.7	339.6	999.9	99.9	999.9	48.5	95.
46.4	110.5	13129.7	175.0	-64.3	99.9	277.1	45.8	45.5	-5.7	343.9	999.9	99.9	999.9	57.3	95.
50.1	116.8	13964.2	150.0	-66.7	99.9	280.8	46.3	45.5	-8.7	355.2	999.9	99.9	999.9	66.9	96.
54.6	124.3	15055.7	125.0	-68.4	99.9	259.7	36.2	31.5	-18.0	371.1	999.9	99.9	999.9	79.1	98.
59.7	132.7	16399.3	100.0	-70.5	99.9	287.0	29.4*	28.2	-8.6	391.5	999.9	99.9	999.9	88.8	100.
66.2	141.7	18098.6	75.0	-69.1	99.9	316.2	10.9	7.5	-7.9	428.1	999.9	99.9	999.9	93.9	101.
75.3	151.3	20579.3	50.0	-58.8	99.9	5.0	2.6	-0.2	-2.6	505.1	999.9	99.9	999.9	93.2	101.
89.4	161.5	25042.9	25.0	-47.6	99.9	92.5	9.5	-9.5	0.4	648.0	999.9	99.9	999.9	91.7	102.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

6 MAY 1975
2315 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	4.8	100.0	997.5	26.1	16.1	170.0	4.6	-0.8	4.5	301.1	332.2	11.6	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	6.5	300.8	975.0	23.5	20.3	165.1	6.5	-1.7	6.3	300.9	342.3	15.6	82.5	0.3	342.
1.4	8.7	527.9	950.0	21.5	19.7	172.5	9.4	-1.2	9.3	301.1	341.9	15.4	89.1	0.6	345.
2.2	10.8	759.6	925.0	20.0	18.5	183.8	11.6	0.8	11.6	301.7	340.9	14.7	91.4	1.1	351.
3.0	12.9	996.2	900.0	18.8	16.6	197.4	11.8	3.5	11.2	302.6	338.4	13.3	87.2	1.6	357.
3.7	15.2	1238.5	875.0	17.6	15.4	214.3	11.7	6.6	5.6	303.8	338.2	12.7	87.1	2.1	4.
4.6	17.3	1486.8	850.0	16.4	14.4	230.9	10.1	7.8	6.3	305.0	338.4	12.3	88.1	2.5	11.
5.2	19.7	1741.0	825.0	14.5	13.8	245.0	9.3	8.5	4.0	305.5	338.6	12.1	95.5	2.8	18.
6.3	21.9	2001.0	800.0	12.2	12.0	252.3	9.2	8.8	2.8	305.7	336.1	11.1	98.2	3.1	24.
6.9	24.4	2267.4	775.0	10.5	10.0	251.9	9.6	9.1	3.0	306.4	334.2	10.0	96.8	3.4	30.
7.7	26.7	2540.5	750.0	9.0	7.0	247.4	10.0	9.3	3.9	307.4	331.1	8.4	87.2	3.8	35.
8.5	29.2	2821.4	725.0	7.8	3.1	243.2	10.0	8.9	4.5	308.9	327.9	6.7	72.2	4.3	38.
9.5	31.9	3110.6	700.0	6.6	-1.3	238.4	9.1	7.7	4.8	310.4	325.0	5.0	57.1	4.8	41.
10.3	34.5	3408.5	675.0	4.7	-2.8	235.2	7.8	6.4	4.5	311.5	325.1	4.6	58.1	5.2	42.
11.3	37.0	3715.2	650.0	2.6	-4.1	233.3	8.3	6.7	5.0	312.5	325.4	4.4	61.3	5.6	43.
12.3	39.9	4031.7	625.0	1.0	-7.1	242.0	9.5	8.4	4.5	314.0	324.9	3.6	54.6	6.2	44.
13.3	42.4	4359.4	600.0	-0.8	-11.3	251.7	9.0	8.5	2.8	315.5	323.8	2.7	44.7	6.7	46.
14.4	45.4	4697.6	575.0	-3.2	-19.6	267.2	8.8	8.8	0.4	316.4	321.0	1.4	27.5	7.2	48.
15.4	48.4	5049.2	550.0	-4.2	-23.4	279.6	10.0	9.9	-1.7	319.2	322.7	1.0	20.6	7.6	51.
16.4	51.4	5414.0	525.0	-7.0	-25.7	282.1	10.9	10.6	-2.3	320.1	323.1	0.9	20.8	8.0	55.
17.7	54.5	5792.7	500.0	-9.5	-27.6	280.7	16.1	15.8	-3.0	321.5	324.2	0.8	21.1	8.7	60.
18.9	57.6	6186.5	475.0	-12.5	-30.0	275.8	20.2	20.1	-2.0	322.6	324.8	0.7	21.3	9.8	65.
20.1	61.1	6597.4	450.0	-15.3	-32.3	271.2	20.7	20.7	-0.4	324.0	326.0	0.6	21.6	11.2	68.
21.5	64.6	7027.6	425.0	-17.6	-34.2	280.3	19.3	19.0	-3.4	326.4	328.1	0.5	21.8	12.7	72.
23.0	68.0	7478.2	400.0	-21.1	-37.0	286.8	19.9	19.0	-5.7	327.6	329.0	0.4	22.1	14.1	75.
24.7	71.7	7951.0	375.0	-25.1	-36.9	285.3	24.1	23.3	-6.3	328.3	329.9	0.4	32.1	16.1	79.
26.4	75.7	8447.6	350.0	-29.8	-40.6	288.3	28.4	27.0	-8.9	328.5	329.7	0.3	33.6	18.5	83.
28.2	79.8	8971.1	325.0	-33.9	-42.9	287.6	30.4	29.0	-9.2	329.8	330.8	0.3	39.6	21.5	87.
29.9	84.0	9526.6	300.0	-38.6	-47.5	285.5	36.6	35.3	-9.8	330.8	331.5	0.2	38.2	24.7	89.
31.8	88.5	10119.0	275.0	-43.0	99.9	282.2	42.3	41.3	-8.9	333.0	999.9	99.9	999.9	29.0	92.
33.9	93.4	10754.1	250.0	-47.9	99.9	278.2	44.1	43.6	-6.3	334.9	999.9	99.9	999.9	34.5	93.
36.3	98.5	11442.0	225.0	-52.8	99.9	282.1	36.3	35.5	-7.6	337.7	999.9	99.9	999.9	40.0	94.
38.9	104.0	12192.4	200.0	-58.6	99.9	291.2	40.2	39.4	-7.8	339.9	999.9	99.9	999.9	46.4	95.
41.8	110.2	13019.3	175.0	-64.2	99.9	277.7	38.0	37.7	-5.1	343.9	999.9	99.9	999.9	52.7	96.
45.0	116.7	13956.2	150.0	-65.5	99.9	273.0	40.6	40.5	-2.1	357.4	999.9	99.9	999.9	61.3	95.
49.1	124.3	15071.4	125.0	-64.6	99.9	287.8	43.4	41.3	-13.2	378.0	999.9	99.9	999.9	71.6	96.
53.7	132.7	16425.6	100.0	-66.3	99.9	291.2	27.9	26.0	-10.1	399.7	999.9	99.9	999.9	81.4	98.
59.5	141.7	18176.4	75.0	-68.2	99.9	325.9	3.0	1.7	-2.5	429.9	999.9	99.9	999.9	87.4	99.
67.4	151.0	20667.2	50.0	-61.7	99.9	37.1	8.3	-5.0	-5.6	498.2	999.9	99.9	999.9	89.6	100.
80.3	161.5	25105.7	25.0	-49.8	99.9	103.4	5.8	-5.7	1.4	641.8	999.9	99.9	999.9	85.9	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

6 MAY 1975
2315 GMT

158 16. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	5.0	1006.6	26.7	23.4	140.0	5.7	-3.7	4.4	301.8	350.1	18.3	82.0	0.0	0.
0.1	5.0	63.4	1000.0	26.4	23.9	143.9	7.4	-4.3	5.9	302.1	352.3	19.0	86.1	0.3	339.
1.0	6.5	287.2	975.0	23.8	22.7	150.5	7.2	-3.6	6.3	301.6	349.5	18.2	93.5	0.5	334.
1.8	8.5	514.8	950.0	22.2	20.6	160.4	7.4	-2.5	7.0	301.9	345.2	16.3	90.6	0.9	335.
2.7	10.3	747.2	925.0	21.1	18.6	160.6	6.4	-2.1	6.1	302.8	342.3	14.8	85.8	1.3	337.
3.6	12.3	964.6	900.0	19.2	17.5	153.6	5.6	-2.5	5.0	303.2	341.3	14.2	90.1	1.6	337.
4.6	14.3	1227.3	875.0	17.7	16.4	175.3	5.4	-0.4	5.4	304.0	340.7	13.6	92.4	1.9	338.
5.6	16.2	1476.1	850.0	18.3	13.1	205.8	8.0	3.5	7.2	306.8	337.9	11.3	71.9	2.2	343.
6.5	18.3	1731.8	825.0	16.3	13.4	196.9	9.6	3.3	6.0	307.4	340.1	11.9	83.5	2.6	351.
7.4	20.4	1994.1	800.0	15.4	11.1	197.8	9.7	3.0	9.3	309.0	338.2	10.5	75.4	3.1	355.
8.4	22.5	2263.2	775.0	13.9	6.0	193.1	9.5	2.2	9.3	305.8	331.4	7.6	58.9	3.6	359.
9.3	24.7	2539.8	750.0	13.6	-5.7	182.1	7.6	1.1	7.5	311.8	321.9	3.4	25.7	4.1	360.
10.4	26.9	2824.0	725.0	11.5	-9.9	187.5	5.4	0.7	5.3	312.4	320.0	2.5	21.1	4.5	0.
11.5	29.1	3115.6	700.0	8.8	-13.0	203.5	3.9	1.6	3.6	312.5	318.8	2.0	19.8	4.8	1.
12.7	31.6	3415.3	675.0	6.9	-15.3	231.5	6.6	5.2	4.1	313.6	319.0	1.7	18.6	5.1	3.
13.8	34.1	3724.2	650.0	4.9	-14.0	236.3	10.4	8.5	6.1	314.7	321.0	2.0	23.9	5.5	8.
15.1	36.4	4042.6	625.0	2.7	-11.2	232.0	14.8	11.6	9.1	315.9	324.1	2.7	35.9	6.1	14.
16.2	39.0	4371.9	600.0	1.0	-4.2	234.7	18.9	15.4	11.0	317.9	326.0	4.7	68.1	7.1	20.
17.5	41.4	4713.0	575.0	-1.4	-7.1	238.6	20.8	17.8	10.9	318.8	330.8	3.9	65.5	8.4	26.
18.7	44.2	5065.6	550.0	-4.6	-11.1	999.9	99.9	99.9	99.9	319.0	328.3	3.0	60.2	999.9	999.
20.0	47.1	5429.9	525.0	-7.7	-15.8	999.9	99.9	99.9	99.9	319.5	326.2	2.1	51.7	999.9	999.
21.3	50.0	5817.7	500.0	-10.0	-24.3	999.9	99.9	99.9	99.9	321.0	324.5	1.1	29.8	999.9	999.
22.6	52.8	6201.8	475.0	-12.2	-42.7	999.9	99.9	99.9	99.9	322.8	323.5	0.2	5.7	999.9	999.
24.0	55.8	6613.2	450.0	-14.7	-44.2	999.9	99.9	99.9	99.9	324.7	325.4	0.2	6.0	999.9	999.
25.4	59.0	7043.3	425.0	-17.5	-45.9	999.9	99.9	99.9	99.9	326.4	327.0	0.1	6.3	999.9	999.
27.1	62.4	7494.5	400.0	-20.8	-48.0	999.9	99.9	99.9	99.9	327.8	328.3	0.1	6.7	999.9	999.
28.9	65.8	7968.0	375.0	-24.7	-38.8	999.9	99.9	99.9	99.9	328.9	330.2	0.3	25.5	999.9	999.
30.8	69.3	8465.7	350.0	-29.0	-40.4	999.9	99.9	99.9	99.9	329.7	330.8	0.3	32.0	999.9	999.
32.7	73.0	8991.2	325.0	-32.7	-37.4	999.9	99.9	99.9	99.9	331.6	333.3	0.5	62.5	999.9	999.
34.5	77.2	9550.3	300.0	-36.7	-40.3	999.9	99.9	99.9	99.9	333.5	334.9	0.4	68.9	999.9	999.
36.5	81.4	10146.2	275.0	-42.0	99.9	999.9	99.9	99.9	99.9	334.4	999.9	99.9	999.9	999.9	999.
38.6	85.8	10784.1	250.0	-47.4	99.9	999.9	99.9	99.9	99.9	335.6	999.9	99.9	999.9	999.9	999.
40.7	90.8	11471.4	225.0	-53.5	99.9	999.9	99.9	99.9	99.9	336.5	999.9	99.9	999.9	999.9	999.
43.2	96.0	12217.3	200.0	-59.5	99.9	999.9	99.9	99.9	99.9	338.5	999.9	99.9	999.9	999.9	999.
45.5	101.8	13047.8	175.0	-61.9	99.9	999.9	99.9	99.9	99.9	347.8	999.9	99.9	999.9	999.9	999.
50.5	128.5	13996.0	150.0	-64.3	99.9	999.9	99.9	99.9	99.9	359.3	999.9	99.9	999.9	999.9	999.
54.7	115.6	15105.4	125.0	-66.7	99.9	999.9	99.9	99.9	99.9	374.2	999.9	99.9	999.9	999.9	999.
59.9	124.3	16438.3	100.0	-70.8	99.9	999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
66.4	134.0	18140.7	75.0	-72.2	99.9	999.9	99.9	99.9	99.9	421.6	999.9	99.9	999.9	999.9	999.
75.6	144.5	20598.0	50.0	-61.0	99.9	999.9	99.9	99.9	99.9	499.9	999.9	99.9	999.9	999.9	999.
90.1	156.5	25001.9	25.0	-50.6	99.9	999.9	99.9	99.9	99.9	639.5	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

6 MAY 1975
2315 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	79.0	995.6	27.8	22.7	150.0	5.2	-2.6	4.5	303.8	351.2	17.8	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	6.6	264.9	975.0	26.2	23.2	125.0	6.6	-5.4	3.8	304.0	353.8	18.7	83.6	0.3	316.
1.6	8.9	494.2	950.0	24.3	22.3	149.6	7.3	-3.7	6.3	304.3	352.7	18.2	82.8	0.7	317.
2.6	11.0	728.3	925.0	23.0	21.2	183.1	7.5	0.4	7.5	305.2	352.0	17.4	89.5	1.1	326.
3.6	13.3	967.7	900.0	21.2	19.6	184.4	8.2	0.6	8.2	305.6	349.1	16.2	90.2	1.5	339.
4.7	15.6	1212.1	875.0	19.4	17.8	192.7	10.5	2.3	10.2	305.9	345.2	14.8	90.5	2.1	348.
5.8	17.9	1461.6	850.0	17.7	15.4	200.4	9.6	3.4	9.0	306.5	342.1	13.1	86.1	2.6	354.
6.8	20.3	1717.2	825.0	16.5	10.9	202.5	9.2	3.5	8.5	307.4	335.2	10.0	69.4	3.2	359.
7.8	22.7	1979.3	800.0	15.7	6.4	217.3	6.9	4.2	5.5	308.9	330.4	7.6	54.1	3.6	3.
8.9	25.2	2248.8	775.0	15.6	-0.2	253.0	4.0	3.8	1.2	311.2	325.6	4.9	34.2	3.9	7.
10.0	27.6	2526.1	750.0	13.7	-5.5	277.4	4.8	4.8	-0.6	311.9	322.1	3.4	25.9	3.8	11.
11.1	30.2	2810.3	725.0	11.4	-7.4	264.5	6.1	6.1	0.6	312.4	321.6	3.0	26.0	3.9	16.
12.3	32.9	3101.9	700.0	8.8	-9.6	264.4	7.5	7.5	0.7	312.5	320.6	2.6	26.0	4.1	22.
13.4	35.5	3401.4	675.0	6.2	-11.8	260.0	7.4	7.3	1.3	312.8	319.9	2.3	26.1	4.4	28.
14.7	38.1	3709.0	650.0	3.5	-11.9	248.5	7.2	6.7	2.6	313.2	320.5	2.4	31.2	4.8	33.
16.0	40.8	4026.6	625.0	2.0	-13.3	254.7	11.6	11.2	3.1	315.0	321.9	2.2	31.1	5.4	37.
17.3	43.8	4354.8	600.0	-0.4	-13.3	253.6	15.7	15.1	4.4	316.0	323.1	2.3	36.8	6.2	43.
18.6	46.7	4693.8	575.0	-2.9	-13.6	250.2	19.5	18.3	6.6	316.9	324.2	2.3	43.3	7.4	48.
19.9	49.8	5044.7	550.0	-5.2	-14.0	246.2	24.5	22.4	9.9	318.2	325.6	2.3	49.7	9.1	52.
21.2	52.6	5408.2	525.0	-8.4	-15.6	247.5	26.5	24.5	10.2	318.5	325.3	2.1	55.9	11.1	55.
22.6	55.7	5785.4	500.0	-10.0	-25.0	253.7	24.6	23.6	6.9	321.0	324.3	1.0	27.8	13.3	57.
24.3	59.0	6179.1	475.0	-12.3	-36.1	254.7	20.0	19.3	5.3	322.7	324.0	0.4	11.6	15.4	60.
26.1	62.4	6590.3	450.0	-15.0	-38.0	246.7	20.5	18.8	8.1	324.4	325.5	0.3	11.9	17.5	61.
27.9	65.8	7021.1	425.0	-17.4	-39.8	245.5	19.3	17.5	8.0	326.6	327.6	0.3	12.1	19.7	61.
29.6	69.3	7471.2	400.0	-21.2	-42.0	254.5	19.6	18.9	5.2	327.4	328.3	0.2	13.3	21.6	62.
31.5	73.0	7942.9	375.0	-26.0	-41.7	265.3	20.0	19.9	1.6	327.1	328.1	0.3	21.2	23.7	64.
33.3	76.8	8438.3	350.0	-30.4	-40.4	276.6	22.0	21.9	-2.5	327.7	328.8	0.3	36.6	26.0	66.
35.5	80.7	8961.7	325.0	-33.7	-36.4	271.5	29.3	29.3	-0.7	330.3	332.1	0.5	76.0	28.8	69.
37.6	85.0	9518.0	300.0	-38.0	-41.6	268.7	27.3	27.3	0.6	331.8	333.0	0.3	67.9	32.4	72.
39.6	89.2	10111.0	275.0	-42.8	99.9	252.0	26.5	27.1	8.8	333.2	999.9	99.9	999.9	35.9	73.
42.2	94.0	10746.4	250.0	-48.3	99.9	249.6	30.8	28.9	10.7	334.3	999.9	99.9	999.9	40.3	72.
44.7	98.8	11434.8	225.0	-52.8	99.9	262.1	28.2	28.0	3.9	337.6	999.9	99.9	999.9	44.7	72.
47.0	104.0	12187.4	200.0	-57.0	99.9	257.7	38.0	37.1	8.1	342.5	999.9	99.9	999.9	49.2	73.
49.9	110.0	13020.1	175.0	-62.6	99.9	257.3	34.2	33.4	7.5	346.6	999.9	99.9	999.9	56.1	74.
52.5	116.0	13968.5	150.0	-64.1	99.9	270.4	28.2	28.2	-0.2	359.6	999.9	99.9	999.9	62.7	75.
57.8	123.3	15079.2	125.0	-64.9	99.9	282.3	41.5	40.6	-8.9	377.5	999.9	99.9	999.9	71.8	78.
62.9	131.0	16423.9	100.0	-67.4	99.9	278.0	23.4	23.2	-3.3	397.5	999.9	99.9	999.9	81.9	81.
70.1	139.7	18158.6	75.0	-67.6	99.9	350.1	5.4	0.9	-5.3	431.3	999.9	99.9	999.9	87.9	84.
79.9	149.3	20628.1	50.0	-63.0	99.9	27.8	6.2	-2.9	-5.5	445.1	999.9	99.9	999.9	88.3	84.
95.5	160.5	25024.4	25.0	-51.6	99.9	330.1	1.8	0.9	-1.6	636.5	999.9	99.9	999.9	86.1	84.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

6 MAY 1975
2315 GMT

152 28. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	7.0	1000.5	31.1	24.5	130.0	7.2	-5.5	4.6	306.9	360.1	19.7	68.0	0.0	0.
0.0	5.1	11.5	1000.0	31.0	24.5	129.9	7.2	-5.5	4.6	306.9	360.0	19.7	68.4	0.0	359.
0.9	6.0	237.9	975.0	26.6	24.4	125.4	7.1	-5.8	4.1	304.7	358.5	20.2	88.1	0.5	311.
1.7	8.6	468.1	950.0	25.4	24.1	125.4	3.5	-2.9	2.0	305.7	360.0	20.3	92.4	0.8	308.
2.5	10.5	704.5	925.0	26.0	22.5	319.5	2.4	1.9	-1.5	308.5	359.8	18.9	81.1	0.8	309.
3.4	12.4	946.5	900.0	25.5	16.3	337.1	5.5	2.1	-5.1	309.6	346.0	13.1	57.3	0.6	304.
4.2	14.4	1188.4	875.0	26.6	12.4	326.2	6.6	3.7	-5.5	312.9	342.5	10.5	41.5	0.4	269.
5.0	16.3	1450.9	850.0	25.6	9.1	316.5	7.4	5.1	-5.4	314.1	338.8	8.6	35.3	0.2	213.
5.8	18.4	1712.8	825.0	24.3	6.2	308.2	5.8	4.5	-3.6	315.2	336.4	7.2	31.3	0.5	169.
6.5	20.5	1991.2	800.0	22.3	4.5	258.5	4.9	4.8	1.0	315.2	335.2	6.6	31.3	0.0	150.
7.3	22.6	2255.9	775.0	20.3	2.5	234.6	5.7	4.7	3.3	316.4	334.0	5.9	30.0	0.7	125.
8.1	24.9	2537.6	750.0	18.3	-0.0	231.5	6.4	5.0	4.0	317.1	332.4	5.1	29.1	0.8	103.
9.1	26.9	2826.7	725.0	15.8	-3.0	245.5	8.3	7.5	3.4	317.4	330.2	4.2	27.2	1.1	88.
10.0	29.3	3123.2	700.0	13.6	-4.7	246.4	11.8	10.8	4.7	318.0	329.9	3.9	27.8	1.6	82.
10.9	31.7	3428.3	675.0	11.7	-5.3	237.5	15.2	12.8	8.2	319.3	331.1	3.8	29.9	2.4	76.
12.0	34.1	3742.9	650.0	9.6	-7.6	225.5	16.1	11.5	11.3	320.3	330.7	3.8	28.9	3.3	69.
13.1	36.5	4066.9	625.0	6.6	-5.2	220.0	19.2	12.3	14.7	320.5	333.3	4.2	42.8	4.4	62.
14.1	39.1	4400.2	600.0	3.4	-7.1	219.4	19.7	12.5	15.3	320.5	332.1	3.8	46.3	5.6	57.
15.4	41.6	4743.7	575.0	0.4	-14.4	223.3	17.0	11.7	12.4	320.7	327.7	2.2	32.1	6.9	53.
16.8	44.3	5098.5	550.0	-2.3	-15.8	231.1	15.5	12.1	9.7	321.5	328.1	2.0	34.8	8.2	52.
18.1	47.1	5465.8	525.0	-5.1	-20.9	235.3	17.0	14.0	9.7	322.5	327.0	1.4	27.6	9.4	53.
19.4	50.1	5846.9	500.0	-8.1	-21.9	242.2	21.1	18.6	9.8	323.3	327.7	1.3	31.6	10.9	53.
20.5	52.9	6243.1	475.0	-10.9	-24.0	248.9	22.0	20.5	7.9	324.6	328.4	1.1	32.9	12.5	55.
22.8	55.8	6657.2	450.0	-13.4	-27.0	248.4	21.0	19.5	7.7	326.5	329.7	0.9	30.0	14.0	57.
23.0	59.1	7090.0	425.0	-15.8	-31.0	243.9	22.9	20.5	10.1	328.7	331.1	0.7	25.6	15.6	58.
24.5	62.6	7544.9	400.0	-18.7	-33.5	239.2	23.3	20.0	11.9	330.6	332.6	0.6	25.7	17.6	58.
26.0	65.9	8021.8	375.0	-23.0	-36.8	233.7	25.3	20.4	15.0	331.1	332.7	0.4	26.9	19.9	58.
27.7	69.6	8524.1	350.0	-26.4	-39.0	229.6	25.1	19.1	16.3	333.1	334.4	0.4	29.3	22.4	57.
29.5	73.3	9054.7	325.0	-31.3	-42.2	236.9	26.3	22.0	14.4	333.5	334.5	0.3	32.8	25.1	57.
31.2	77.5	9616.1	300.0	-36.2	-45.0	244.5	28.2	26.0	12.4	334.2	335.1	0.2	39.4	27.9	57.
33.1	81.7	10213.1	275.0	-41.3	99.9	249.1	31.4	25.4	11.2	335.3	999.9	99.9	999.9	31.2	58.
35.4	86.0	10853.3	250.0	-46.3	99.9	250.2	30.6	28.8	10.4	337.3	999.9	99.9	999.9	35.4	60.
38.0	91.2	11545.4	225.0	-51.1	99.9	256.1	38.9	37.8	9.3	340.1	999.9	99.9	999.9	40.9	62.
40.8	96.5	12302.9	200.0	-55.3	99.9	259.7	44.4	43.7	8.0	345.2	999.9	99.9	999.9	47.6	64.
43.6	102.3	13145.0	175.0	-60.6	99.9	264.0	41.1	40.9	4.3	350.0	999.9	99.9	999.9	55.0	66.
47.4	109.3	14096.0	150.0	-63.8	99.9	256.9	34.8	33.9	7.9	360.2	999.9	99.9	999.9	63.5	68.
51.1	116.3	15203.4	125.0	-67.9	99.9	271.4	24.9	24.8	-0.6	372.0	999.9	99.9	999.9	70.7	70.
55.6	125.3	16539.5	100.0	-71.7	99.9	289.3	5.8	5.4	-1.9	389.1	999.9	99.9	999.9	75.3	70.
61.0	135.3	18202.9	75.0	-74.5	99.9	87.2	3.7	-3.7	-0.2	416.7	999.9	99.9	999.9	76.6	71.
69.2	146.0	20670.9	50.0	-58.5	99.9	47.3	6.7	-4.9	-4.5	505.6	999.9	99.9	999.9	75.3	71.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX

6 MAY 1975
2315 GMT

165 16. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT T DG K	E PGT T DG K	KX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	33.0	1000.0	27.9	23.9	130.0	5.7	-4.4	3.7	303.7	354.3	19.1	79.0	0.0	6.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	6.8	258.5	975.0	26.2	24.6	999.9	99.9	99.9	99.9	304.3	358.6	20.4	90.7	999.9	999.9
1.6	8.9	488.2	950.0	24.4	23.2	999.9	99.9	99.9	99.9	304.5	355.9	19.3	93.5	999.9	999.9
2.5	10.9	722.3	925.0	22.1	20.9	121.9	2.3	-2.0	1.2	304.2	350.1	17.1	93.1	0.7	304.
3.3	13.1	961.2	900.0	20.9	19.7	144.9	1.7	-1.0	1.4	305.2	349.1	16.3	93.1	0.8	305.
4.3	15.3	1205.8	875.0	19.8	18.1	151.7	3.1	-1.5	2.8	306.4	347.6	15.2	90.1	0.9	308.
5.3	17.4	1456.4	850.0	18.7	16.8	156.1	4.7	-1.9	4.3	307.7	347.0	14.4	88.6	1.1	313.
6.2	19.7	1712.8	825.0	16.7	13.3	164.5	6.4	-1.7	6.1	307.8	340.3	11.8	80.4	1.4	318.
7.1	21.9	1976.4	800.0	18.9	9.6	170.9	12.0	-1.9	11.9	312.5	339.4	9.4	54.9	1.8	326.
7.9	24.3	2248.9	775.0	18.2	2.6	178.0	11.7	-0.4	11.7	314.2	331.7	6.0	35.2	2.4	333.
8.9	26.5	2520.9	750.0	16.4	-1.6	186.9	9.5	1.1	9.4	315.0	324.0	4.5	29.1	3.0	339.
10.0	29.0	2815.8	725.0	14.1	-2.7	200.1	7.8	2.7	7.3	315.5	328.5	4.3	31.3	3.5	344.
11.1	31.6	3111.1	700.0	11.4	6.2	207.1	9.0	4.1	8.0	316.2	341.0	6.5	70.3	3.9	350.
12.3	34.2	3414.3	675.0	8.8	5.1	207.3	11.6	5.3	10.3	316.6	340.6	8.2	77.6	4.5	355.
13.4	36.7	3726.4	650.0	6.9	0.6	209.9	15.5	7.7	13.5	317.6	336.1	6.2	64.3	5.3	0.
14.6	39.4	4047.7	625.0	4.6	-8.1	212.2	17.4	9.3	14.7	318.2	328.4	3.3	39.0	6.3	6.
16.0	42.1	4378.9	600.0	2.2	-11.0	214.7	17.9	10.2	14.7	319.1	327.7	2.8	36.8	7.6	11.
17.3	45.0	4720.5	575.0	-1.5	-12.2	217.2	17.5	10.6	13.9	318.6	326.8	2.6	43.7	8.9	15.
18.5	48.0	5072.8	550.0	-4.3	-27.5	229.3	17.8	13.5	11.6	319.1	321.5	0.7	14.2	10.1	18.
19.8	50.8	5438.5	525.0	-5.5	-48.5	238.9	20.1	17.2	10.4	321.8	322.2	0.1	1.8	11.3	22.
21.1	54.0	5818.9	500.0	-8.3	-49.3	244.4	21.4	19.3	9.2	322.9	323.2	0.1	2.0	12.6	27.
22.6	57.0	6214.4	475.0	-11.2	-49.9	249.4	21.0	19.0	7.4	324.1	324.4	0.1	2.4	14.1	32.
24.1	60.3	6627.1	450.0	-14.2	-50.8	251.6	23.0	21.8	7.2	325.4	325.7	0.1	2.7	15.8	37.
25.7	63.9	7058.3	425.0	-17.2	-51.9	247.6	25.4	23.5	9.7	326.9	327.2	0.1	3.1	17.7	41.
27.3	67.3	7509.9	400.0	-20.4	-49.3	254.0	26.6	25.0	7.3	328.4	328.8	0.1	5.5	19.9	44.
29.0	70.9	7984.1	375.0	-24.4	-46.2	251.8	28.7	27.2	9.0	329.2	329.8	0.2	11.1	22.5	48.
30.9	74.8	8482.1	350.0	-29.0	-43.9	252.4	29.7	28.3	9.0	329.6	330.4	0.2	22.1	25.4	51.
32.8	79.0	9007.0	325.0	-34.0	-41.7	250.6	31.0	29.3	10.3	329.8	330.9	0.3	45.1	28.7	53.
34.8	83.2	9565.6	300.0	-36.8	-41.1	245.7	37.0	33.7	15.2	333.4	334.7	0.3	64.0	33.0	55.
36.8	87.5	10161.6	275.0	-41.6	99.9	248.5	37.9	35.3	13.9	335.0	999.9	99.9	999.9	37.3	56.
39.0	92.4	10800.8	250.0	-46.7	99.9	253.2	42.9	41.1	12.4	336.7	999.9	99.9	999.9	42.5	58.
41.3	97.4	11490.4	225.0	-52.8	99.9	261.0	37.1	36.7	5.8	337.6	999.9	99.9	999.9	48.0	60.
44.3	103.0	12243.4	200.0	-56.5	99.9	257.0	47.6	46.4	10.7	343.3	999.9	99.9	999.9	54.9	63.
47.3	109.3	13083.9	175.0	-59.8	99.9	258.6	44.2	43.3	8.7	351.2	999.9	99.9	999.9	62.9	65.
50.8	116.0	14042.5	150.0	-62.5	99.9	253.5	43.4	41.6	12.3	362.5	999.9	99.9	999.9	71.4	66.
54.7	123.7	15158.1	125.0	-64.9	99.9	275.0	36.4	36.2	-3.2	377.5	999.9	99.9	999.9	80.9	68.
59.6	132.7	16504.7	100.0	-70.5	99.9	280.0	19.7	19.4	-3.4	391.5	999.9	99.9	999.9	86.6	71.
65.6	142.5	18197.1	75.0	-73.2	99.9	273.7	6.4	6.4	-0.4	419.4	999.9	99.9	999.9	91.1	72.
74.5	153.5	20656.6	50.0	-59.5	99.9	310.2	3.4	2.6	-2.2	503.4	999.9	99.9	999.9	90.6	72.
88.9	165.0	25077.5	25.0	-49.4	99.9	46.9	6.4	-4.7	-4.4	642.6	999.9	99.9	999.9	88.7	73.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

114

STATION NO. 260
STEPHENVILLE, TEX

6 MAY 1975
2315 GMT

153 13. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	399.0	559.9	27.5	7.9	15.0	2.1	-0.5	-2.0	305.2	324.8	7.0	29.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.3	10.0	490.5	950.0	26.4	7.6	197.2	2.2	0.6	2.1	305.0	324.4	6.9	30.3	0.3	194.
1.3	11.9	724.5	925.0	23.8	5.7	8.6	3.0	-0.5	-3.0	304.5	322.0	6.2	31.1	0.3	193.
2.2	14.1	922.9	900.0	21.8	4.6	6.9	4.5	-0.5	-4.5	304.8	321.5	5.9	32.5	0.6	191.
3.0	16.1	1206.3	875.0	19.6	3.8	358.3	3.7	0.1	-3.7	304.9	321.3	5.8	35.1	0.8	190.
3.8	18.4	1454.7	850.0	17.0	3.2	356.3	3.3	0.2	-3.3	304.7	320.8	5.7	39.6	1.0	187.
4.7	20.6	1702.2	825.0	14.7	-0.7	3.8	2.8	-0.2	-2.8	304.7	317.4	4.4	34.9	1.1	186.
5.6	22.8	1957.4	800.0	13.4	-5.0	334.7	1.7	0.7	-1.5	305.8	315.5	3.3	27.5	1.3	185.
6.4	25.2	2234.0	775.0	12.2	-2.9	193.6	1.7	0.4	1.6	307.5	319.2	4.0	35.0	1.3	184.
7.4	27.4	2507.9	750.0	10.1	4.5	221.0	6.4	4.2	4.8	308.4	328.6	7.1	69.0	1.1	178.
8.3	29.9	2789.3	725.0	8.0	4.8	230.0	10.8	8.3	7.0	309.3	330.5	7.5	80.0	0.8	156.
9.3	32.5	3079.1	700.0	6.9	0.4	228.6	15.6	11.7	10.3	310.9	327.3	5.6	63.0	1.0	104.
10.2	35.1	3377.7	675.0	6.3	-9.6	227.6	18.4	13.6	12.4	313.0	321.4	2.7	30.8	1.8	75.
11.3	37.6	3685.8	650.0	3.6	-6.4	224.1	20.0	13.9	14.3	313.6	324.6	3.7	48.3	3.0	64.
12.4	40.3	4003.0	625.0	1.0	-7.9	220.7	22.1	14.4	16.8	314.0	324.3	3.4	51.6	4.3	57.
13.6	42.8	4329.9	600.0	-1.4	-12.8	219.7	23.9	15.2	18.4	314.8	322.2	2.4	41.5	5.9	52.
14.9	45.7	4667.3	575.0	-4.3	-13.9	220.6	24.5	16.0	18.6	315.2	322.3	2.3	47.1	7.7	49.
16.0	48.6	5015.9	550.0	-6.8	-28.7	228.7	24.7	18.5	16.3	316.0	318.2	0.6	15.5	9.4	48.
17.4	51.4	5377.5	525.0	-8.8	-31.3	236.8	25.3	21.2	13.9	317.9	319.7	0.5	14.2	11.4	49.
18.7	54.5	5753.6	500.0	-11.5	-33.3	233.9	26.7	21.6	15.7	319.0	320.6	0.5	14.4	13.5	50.
20.0	57.5	6145.4	475.0	-13.4	-34.7	230.4	28.2	21.7	18.0	321.4	322.9	0.4	14.6	15.7	50.
21.5	60.9	6554.6	450.0	-16.0	-36.7	232.8	28.4	22.6	17.2	323.0	324.3	0.4	14.9	18.2	51.
22.9	64.3	6982.8	425.0	-18.9	-38.9	237.6	27.8	23.5	14.9	324.7	325.8	0.3	15.1	20.5	51.
24.4	67.5	7432.1	400.0	-21.7	-41.0	243.8	28.2	25.3	12.5	326.8	327.7	0.3	15.4	23.1	52.
26.0	71.0	7903.4	375.0	-25.6	-44.0	244.6	35.3	31.9	15.1	327.6	328.4	0.2	15.8	25.8	53.
27.6	75.0	8399.0	350.0	-29.9	-45.0	245.4	41.1	37.4	17.1	328.4	329.1	0.2	21.1	29.5	55.
29.2	79.0	8922.3	325.0	-34.5	-43.5	242.7	41.1	36.6	18.8	329.0	329.9	0.2	39.5	33.5	56.
31.1	83.0	9476.5	300.0	-38.6	-46.9	241.6	43.1	37.9	20.4	330.8	331.5	0.2	40.7	38.0	57.
33.2	87.2	10070.3	275.0	-41.7	99.9	237.8	48.3	40.9	25.8	334.8	999.9	99.9	999.9	44.8	57.
35.4	92.0	10708.4	250.0	-47.3	99.9	240.6	38.6	33.6	19.0	335.7	999.9	99.9	999.9	50.2	57.
38.0	96.8	11398.0	225.0	-52.3	99.9	244.4	42.5	38.3	18.4	338.4	999.9	99.9	999.9	56.8	58.
41.0	102.3	12152.1	200.0	-56.6	99.9	245.4	47.1*	42.8	19.6	343.2	999.9	99.9	999.9	65.2	59.
43.8	108.3	12991.2	175.0	-59.9	99.9	248.1	40.6*	37.7	15.1	351.2	999.9	99.9	999.9	73.0	59.
47.3	114.5	13956.7	150.0	-60.1	99.9	249.0	50.4*	47.1	18.0	366.5	999.9	99.9	999.9	80.9	61.
51.8	121.7	15095.8	125.0	-61.3	99.9	264.9	37.2*	37.1	3.3	384.1	999.9	99.9	999.9	92.2	62.
56.9	129.7	16458.5	100.0	-66.3	99.9	255.3	35.2*	34.1	9.0	399.7	999.9	99.9	999.9	103.7	65.
62.9	138.3	18156.7	75.0	-70.2	99.9	228.3	5.0*	3.8	3.4	425.7	999.9	99.9	999.9	108.1	65.
71.7	147.3	20680.5	50.0	-60.4	99.9	340.8	5.7	1.9	-5.4	501.2	999.9	99.9	999.9	107.0	64.
84.5	156.5	25102.9	25.0	-49.7	99.9	309.4	3.0	2.3	-1.9	641.9	999.9	99.9	999.9	106.3	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

6 MAY 1975
2315 GMT

151 43. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	314.0	966.7	33.7	-0.8	350.0	3.6	0.6	-2.5	310.4	321.5	3.7	11.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	10.5	470.6	950.0	31.6	1.4	326.7	4.7	2.6	-4.0	309.9	323.3	4.6	14.9	0.2	165.
1.2	12.7	768.6	925.0	29.6	3.3	37.0	5.7	-3.4	-4.6	319.3	325.6	5.2	18.6	0.3	172.
2.0	14.9	951.3	900.0	27.3	1.5	18.6	4.9	-1.6	-4.7	310.4	324.3	4.8	18.7	0.6	196.
2.7	17.1	1198.7	875.0	24.5	-0.5	359.6	5.9	0.0	-5.9	309.8	322.2	4.2	19.1	0.8	173.
3.7	19.6	1451.2	850.0	22.0	-1.2	354.9	6.5	0.6	-6.5	309.8	321.9	4.1	21.1	1.2	188.
4.7	21.9	1708.8	825.0	19.5	-3.3	350.1	5.4	0.9	-5.3	309.7	320.5	3.6	21.2	1.5	184.
5.6	24.5	1972.1	800.0	17.0	-5.2	2.5	3.8	-0.2	-3.8	309.7	319.4	3.2	21.3	1.8	183.
6.6	26.9	2241.3	775.0	14.9	-6.2	316.5	2.0	1.3	-1.5	310.2	319.5	3.1	22.7	1.9	192.
7.7	29.4	2517.5	750.0	12.9	-6.3	226.5	3.5	2.5	2.4	311.0	320.6	3.2	25.7	1.9	179.
8.8	32.2	2801.1	725.0	10.7	-6.9	235.1	5.8	4.8	3.3	311.6	321.1	3.1	28.3	1.7	170.
10.0	34.9	3092.1	700.0	8.3	-8.8	237.9	9.8	8.3	5.2	312.0	320.5	2.8	28.7	1.6	151.
11.2	37.6	3391.4	675.0	6.1	-11.1	242.7	12.6	11.2	5.8	312.8	320.3	2.4	27.8	1.8	122.
12.3	40.4	3699.2	650.0	3.4	-12.1	247.5	14.0	12.9	5.4	313.1	320.3	2.3	31.1	2.4	134.
13.4	43.1	4015.7	625.0	1.1	-17.8	246.6	15.8	14.5	6.3	313.9	318.7	1.5	22.9	3.2	94.
14.4	46.2	4344.5	600.0	1.9	-24.6	238.5	17.8	15.2	9.3	318.4	321.3	0.9	11.8	4.0	97.
15.5	49.3	4686.7	575.0	0.0	-25.9	233.9	19.0	15.4	11.2	320.1	322.8	0.8	12.0	5.1	79.
16.6	52.3	5040.8	550.0	-2.6	-27.8	237.6	20.7	17.5	11.1	321.1	323.5	0.7	12.2	6.3	75.
17.8	55.4	5407.4	525.0	-5.9	-30.2	237.5	20.2	17.1	10.9	321.4	323.4	0.6	12.5	7.9	72.
19.1	58.6	5787.2	500.0	-8.9	-32.4	236.0	20.7	17.1	11.6	322.1	323.9	0.5	12.8	9.4	69.
20.5	62.1	6182.5	475.0	-11.4	-34.2	236.1	22.8	18.9	12.7	323.9	325.4	0.4	13.0	11.1	67.
21.7	65.6	6594.6	450.0	-14.8	-36.5	238.6	24.0	20.5	12.5	324.7	326.7	0.4	13.7	12.9	65.
23.1	69.3	7024.5	425.0	-18.0	-38.8	242.7	27.6	24.5	12.7	325.8	327.0	0.3	14.2	14.8	65.
24.4	72.8	7474.6	400.0	-21.6	-41.5	243.6	27.6	24.7	12.2	326.8	327.7	0.2	14.5	17.1	65.
26.0	76.8	7946.4	375.0	-25.5	-44.5	243.8	32.0	28.7	14.1	327.8	328.5	0.2	14.8	19.9	65.
27.8	80.9	8442.6	350.0	-29.6	-46.4	250.5	32.7	30.9	16.9	328.8	329.4	0.2	17.6	23.5	65.
30.0	85.1	8967.4	325.0	-33.5	-44.5	248.2	39.8	36.9	14.8	330.5	331.3	0.2	31.5	28.2	66.
32.5	89.4	9524.6	300.0	-37.5	-42.3	242.2	41.4	36.6	19.3	332.5	333.6	0.3	60.5	34.3	66.
34.9	94.4	10120.4	275.0	-41.4	99.9	236.8	46.3	38.7	25.4	335.3	999.9	99.9	999.9	40.6	65.
37.0	99.2	10760.8	250.0	-45.4	99.9	233.9	42.6	34.5	25.1	337.1	999.9	99.9	999.9	46.0	64.
39.0	104.3	11452.3	225.0	-51.8	99.9	238.7	50.0	42.7	26.0	339.1	999.9	99.9	999.9	51.8	63.
41.7	110.2	12207.3	200.0	-57.0	99.9	242.0	52.0	46.0	24.4	342.6	999.9	99.9	999.9	59.1	62.
44.2	116.0	13048.6	175.0	-58.7	99.9	243.1	52.6	46.9	23.8	353.1	999.9	99.9	999.9	67.0	62.
47.3	123.0	14017.0	150.0	-58.0	99.9	244.6	50.5*	45.7	21.7	370.2	999.9	99.9	999.9	75.3	63.
50.4	130.3	15151.9	125.0	-62.3	99.9	259.5	43.9*	43.2	8.0	382.2	999.9	99.9	999.9	83.0	64.
54.4	138.3	16515.0	100.0	-67.7	99.9	247.1	23.7*	21.8	9.2	397.0	999.9	99.9	999.9	90.2	65.
59.2	146.3	18210.2	75.0	-71.5	99.9	260.5	17.5	17.2	2.9	423.1	999.9	99.9	999.9	95.1	65.
66.8	156.0	20676.5	50.0	-60.2	99.9	233.3	3.7	2.9	2.2	501.6	999.9	99.9	999.9	94.7	64.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

6 MAY 1975
2315 GMT

155 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	12.9	873.0	908.2	25.0	-3.4	240.0	5.7	4.9	2.9	306.9	316.6	3.3	15.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.6	952.4	900.0	23.3	8.7	232.9	9.4	7.5	5.7	306.6	328.8	7.9	39.3	0.3	30.
1.0	15.9	1196.7	875.0	20.3	4.8	231.6	8.2	6.4	5.1	305.7	323.2	6.2	36.2	7.6	41.
1.7	18.3	1445.7	850.0	17.8	2.8	226.2	7.6	5.5	5.2	305.6	321.3	5.5	36.7	0.8	44.
2.4	20.6	1699.9	825.0	15.4	1.0	219.7	6.9	4.4	5.3	305.6	319.9	5.0	37.5	1.2	44.
3.1	23.1	1959.7	800.0	13.0	-0.9	221.7	7.2	4.8	5.4	305.6	318.5	4.5	38.4	1.5	43.
3.8	25.5	2225.4	775.0	10.5	-2.5	232.0	9.7	7.6	6.0	305.7	317.6	4.1	40.0	1.8	43.
4.5	28.0	2497.0	750.0	7.9	-4.5	250.8	11.4	10.8	3.8	305.6	316.3	3.7	41.2	2.2	46.
5.2	30.7	2775.5	725.0	5.3	-6.0	263.3	11.4	11.3	1.3	305.7	315.6	3.4	43.9	2.6	52.
6.1	33.3	3060.9	700.0	2.7	-7.4	265.0	13.6	13.6	1.2	305.9	315.1	3.1	47.2	3.2	58.
7.0	36.3	3353.8	675.0	0.1	-9.0	268.2	15.3	15.3	0.5	306.1	314.6	2.9	50.2	3.9	64.
8.2	38.9	3654.8	650.0	-2.8	-11.1	262.7	19.4	19.3	2.5	306.1	313.6	2.5	52.9	5.1	70.
9.6	41.6	3966.5	625.0	-1.1	-16.5	251.0	23.5	22.1	7.6	311.4	316.7	1.7	29.9	7.0	72.
11.9	44.6	4291.6	600.0	-2.2	-16.6	241.3	22.6	19.7	10.9	313.7	319.2	1.7	32.2	10.0	69.
13.1	47.7	4628.8	575.0	-3.8	-17.7	237.1	24.0	20.1	13.0	315.7	321.0	1.7	33.0	11.7	68.
14.1	50.7	4977.9	550.0	-6.7	-20.3	236.0	24.7	20.7	13.5	316.3	320.7	1.4	33.0	13.1	67.
15.0	53.9	5338.7	525.0	-10.1	-23.3	238.2	25.3	21.5	13.3	316.4	320.0	1.1	33.0	14.4	66.
16.0	57.1	5712.3	500.0	-13.6	-26.4	239.8	25.0	21.6	12.6	316.5	319.4	0.9	33.0	16.0	65.
17.4	60.6	6100.2	475.0	-16.7	-29.0	240.0	28.2	24.4	14.1	317.4	319.8	0.7	33.2	18.1	64.
19.3	64.2	6504.5	450.0	-18.8	-30.7	243.0	27.8	24.8	12.6	319.7	321.9	0.7	33.8	21.3	64.
21.2	67.7	6928.6	425.0	-21.8	-33.4	244.6	30.6	27.7	13.2	321.1	322.9	0.5	33.8	24.6	64.
22.6	71.3	7371.4	400.0	-25.5	-37.1	243.0	30.5	27.2	13.8	321.7	323.0	0.4	32.9	27.3	64.
24.2	75.4	7836.2	375.0	-29.0	-40.1	242.9	33.3	29.6	15.2	323.2	324.3	0.3	32.9	30.1	64.
26.7	79.7	8326.7	350.0	-32.0	-42.9	241.7	40.0	35.3	19.0	325.5	326.4	0.2	32.9	34.2	64.
27.6	83.9	8846.4	325.0	-35.7	-46.6	239.5	44.7	38.5	22.7	327.4	328.1	0.2	31.2	38.6	63.
29.5	88.2	9398.1	300.0	-39.9	-49.9	238.0	47.6	40.4	25.2	329.1	329.9	99.9	999.9	43.8	63.
31.5	93.2	9986.2	275.0	-44.8	-53.9	239.3	47.7*	41.0	24.4	330.4	329.9	99.9	999.9	49.0	62.
33.3	98.0	10618.3	250.0	-48.3	-57.9	238.6	47.8*	40.8	24.9	334.2	329.9	99.9	999.9	54.6	62.
35.7	103.3	11304.6	225.0	-52.8	-61.9	236.8	46.4*	38.8	25.4	337.6	329.9	99.9	999.9	61.8	62.
38.5	109.3	12059.6	200.0	-55.3	-65.9	235.5	42.2*	34.7	23.9	345.2	329.9	99.9	999.9	69.1	61.
41.4	115.4	12913.7	175.0	-55.3	-65.9	240.9	28.5*	24.9	13.9	358.7	329.9	99.9	999.9	76.7	61.
44.6	122.3	13890.2	150.0	-58.3	-68.9	247.4	46.7*	43.2	18.0	369.7	329.9	99.9	999.9	85.0	61.
48.2	130.3	15029.1	125.0	-62.5	-72.9	255.5	43.2*	41.8	10.8	381.8	329.9	99.9	999.9	95.4	62.
53.1	137.8	16396.7	100.0	-64.4	-74.9	242.7	31.4*	27.9	14.4	403.3	329.9	99.9	999.9	105.3	63.
58.7	145.7	18144.6	75.0	-68.7	-78.9	272.6	41.1*	4.1	-0.2	428.8	329.9	99.9	999.9	111.7	63.
66.8	154.7	20645.1	50.0	-61.2	-72.9	13.1	5.7*	-1.3	-5.6	499.2	329.9	99.9	999.9	112.3	63.
80.0	162.7	25100.7	25.0	-49.5	-63.9	24.7	8.1	-3.4	-7.3	642.8	329.9	99.9	999.9	110.0	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

117

STATION NO. 270
FL PASC, TEX

6 MAY 1975
2315 GMT

124 56. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.2	1193.0	874.5	22.5	-10.6	240.0	6.2	5.4	3.1	307.5	313.4	1.9	10.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	18.5	1436.9	850.0	17.9	-6.8	245.6	4.4	4.0	1.8	305.2	313.3	2.7	18.0	0.6	67.
1.7	20.9	1690.5	825.0	14.9	-8.0	249.7	7.8	7.3	2.7	304.7	312.2	2.5	19.7	1.0	63.
2.7	23.1	1949.5	800.0	12.9	-9.6	245.7	10.0	9.2	4.1	305.2	312.1	2.3	19.8	1.5	65.
3.8	25.4	2214.8	775.0	10.3	-11.6	248.4	12.5	11.6	4.6	305.2	311.3	2.0	20.0	2.2	65.
4.6	27.6	2486.3	750.0	8.1	-11.6	256.4	13.8	13.5	3.3	305.6	311.9	2.1	23.2	2.9	67.
6.1	30.1	2764.5	725.0	5.5	-12.6	251.3	16.6	15.7	5.3	305.7	311.8	2.0	25.8	4.2	69.
7.3	32.7	3049.6	700.0	2.1	-14.3	250.5	18.8	17.7	6.3	305.0	310.5	1.8	28.5	5.5	69.
8.3	35.2	3341.9	675.0	-0.2	-15.8	248.7	21.5	20.0	7.8	305.6	310.7	1.6	29.5	6.7	70.
9.2	37.7	3642.4	650.0	-2.8	-17.0	248.6	22.2	20.7	8.1	305.9	310.7	1.5	32.4	7.9	69.
10.1	40.3	3951.9	625.0	-5.0	-22.0	251.9	23.3	22.2	7.2	306.8	310.1	1.1	25.1	9.3	69.
10.9	42.9	4271.2	600.0	-7.3	-26.0	254.7	26.1	25.2	6.9	307.8	310.2	0.8	20.6	10.2	70.
11.7	45.7	4601.7	575.0	-9.4	-30.0	255.7	28.7	27.8	7.1	309.1	310.9	0.5	16.8	11.6	70.
12.6	48.6	4943.6	550.0	-11.6	-31.7	257.9	28.3	27.7	5.9	310.3	312.0	0.5	16.9	13.1	71.
13.6	51.3	5298.8	525.0	-13.7	-33.4	262.1	27.1	26.8	3.7	312.0	313.4	0.4	17.1	14.9	72.
15.0	54.3	5668.2	500.0	-15.7	-35.3	258.0	30.4	29.7	6.3	313.9	315.2	0.4	16.7	17.2	73.
16.9	57.1	6053.5	475.0	-17.4	-37.2	253.1	28.5	27.3	8.3	316.4	317.5	0.3	15.8	20.6	74.
18.5	60.4	6459.1	450.0	-18.6	-38.2	244.0	31.5	28.3	13.8	319.8	320.9	0.3	15.9	23.3	73.
19.6	63.3	6881.1	425.0	-22.4	-41.1	239.2	33.0	28.4	16.9	320.3	321.2	0.2	16.2	25.5	72.
20.8	66.9	7323.0	400.0	-26.2	-44.1	238.6	33.0	28.2	17.2	320.9	321.5	0.2	16.5	27.9	71.
22.0	70.3	7786.3	375.0	-30.2	-46.5	238.0	31.0	26.3	16.4	321.5	322.1	0.2	18.4	29.9	70.
23.3	73.9	8272.8	350.0	-34.3	-48.4	242.2	35.5	31.4	16.5	322.4	322.9	0.1	22.3	32.8	69.
24.9	77.8	8786.4	325.0	-38.8	-52.1	244.6	36.8	33.2	15.8	323.1	323.4	0.1	22.8	36.1	69.
26.7	81.6	9329.5	300.0	-44.0	99.9	245.7	33.2	30.2	13.6	323.3	999.9	99.9	999.9	39.6	68.
28.7	85.7	9908.5	275.0	-47.9	99.9	245.0	40.2	36.4	17.0	325.9	999.9	99.9	999.9	44.1	68.
31.0	90.2	10533.3	250.0	-50.6	99.9	239.2	39.5	33.9	20.2	330.9	999.9	99.9	999.9	49.4	67.
32.9	94.8	11213.2	225.0	-54.7	99.9	241.7	57.0*	50.2	27.0	334.7	999.9	99.9	999.9	54.8	67.
35.7	99.8	11962.4	200.0	-56.4	99.9	237.9	54.2*	46.0	28.8	343.5	999.9	99.9	999.9	64.1	66.
38.6	105.0	12816.3	175.0	-54.8	99.9	238.3	51.4*	43.7	27.0	359.5	999.9	99.9	999.9	71.7	65.
42.1	110.8	13801.6	150.0	-54.8	99.9	245.3	24.1*	21.9	10.1	375.6	999.9	99.9	999.9	82.1	64.
45.9	117.3	14967.1	125.0	-55.6	99.9	240.3	21.7*	18.9	10.8	394.4	999.9	99.9	999.9	89.6	64.
50.4	124.8	16374.2	100.0	-60.5	99.9	249.8	20.3*	19.0	7.0	410.9	999.9	99.9	999.9	97.0	65.
55.7	132.7	18134.9	75.0	-66.7	99.9	233.1	4.0*	3.2	2.4	433.1	999.9	99.9	999.9	103.6	65.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

6 MAY 1975
2315 GMT

164 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	180.0	990.5	20.0	18.7	360.0	0.0	0.0	0.0	295.9	331.8	13.8	92.0	0.0	0.
99.9	99.9	99.9	1060.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	7.8	316.1	975.0	19.2	14.0	214.2	4.1	2.3	3.4	295.8	323.2	10.4	72.1	0.2	7.
1.6	10.0	540.4	950.0	19.9	12.8	216.8	8.0	4.8	6.4	298.7	325.2	9.9	63.8	0.5	24.
2.6	12.0	770.0	925.0	18.4	10.9	241.7	9.0	7.9	4.2	299.3	323.4	8.9	61.8	1.0	35.
3.5	14.3	1005.1	900.0	17.7	9.7	245.9	10.2	9.4	4.2	300.9	323.9	8.4	59.4	1.5	47.
4.5	16.4	1245.9	875.0	16.3	8.5	245.8	9.8	8.9	4.0	301.8	323.8	8.0	59.7	2.1	52.
5.4	18.7	1491.8	850.0	14.1	7.0	251.1	10.2	9.6	3.3	301.9	322.4	7.4	62.4	2.5	55.
6.4	20.9	1743.5	825.0	12.6	5.7	254.3	11.6	11.1	3.1	302.9	322.3	7.0	62.6	3.2	59.
7.4	23.2	2001.2	800.0	10.6	5.5	255.9	13.9	13.5	3.4	303.4	321.2	7.1	70.5	3.9	62.
8.4	25.5	2265.3	775.0	8.3	4.4	250.5	14.3	13.5	4.8	303.6	322.6	6.8	76.2	4.8	64.
9.4	27.9	2535.5	750.0	6.4	3.2	247.2	12.1	11.1	4.7	304.4	322.5	6.5	79.9	5.6	65.
10.3	30.5	2813.4	725.0	4.9	1.3	240.3	8.9	7.7	4.4	305.6	322.1	5.8	77.8	6.2	65.
11.4	33.1	3099.5	700.0	3.2	0.0	234.4	7.6	6.2	4.4	306.7	322.4	5.5	79.8	6.7	64.
12.5	35.6	3393.6	675.0	0.5	-0.9	234.6	7.0	5.7	4.0	306.9	322.1	5.3	90.2	7.2	63.
13.6	38.2	3696.0	650.0	-1.3	-1.3	233.3	6.4	5.1	3.8	308.1	321.5	5.4	101.3	7.6	63.
14.4	40.8	4008.3	625.0	-2.9	-2.9	239.5	7.6	6.5	3.8	309.7	324.2	4.9	101.1	7.9	62.
15.4	43.7	4331.6	600.0	-4.2	-4.2	249.9	7.8	7.3	2.7	311.9	325.9	4.7	100.9	8.4	63.
16.3	46.5	4666.7	575.0	-6.4	-6.4	263.1	6.5	6.5	0.8	313.0	325.4	4.1	100.6	8.8	63.
17.6	49.6	5012.7	550.0	-9.3	-9.3	283.5	6.5	6.4	-1.5	313.4	323.8	3.4	100.1	9.2	65.
19.0	52.5	5372.0	525.0	-10.8	-12.2	277.9	10.0	9.9	-1.4	315.7	324.6	2.9	89.8	9.8	67.
20.5	55.6	5745.9	500.0	-13.3	-14.7	279.8	11.5	11.3	-2.0	317.1	324.7	2.4	88.9	10.6	70.
22.0	58.7	6134.5	475.0	-16.1	-17.4	279.2	12.4	12.3	-2.0	318.3	324.8	2.1	89.5	11.5	73.
23.6	62.1	6539.9	450.0	-18.7	-20.1	273.8	10.7	10.7	-0.7	319.9	325.4	1.7	88.5	12.6	75.
25.2	65.5	6964.2	425.0	-21.3	-27.5	288.8	10.4	9.8	-3.3	321.7	324.9	0.9	57.2	13.4	76.
27.1	69.0	7408.8	400.0	-24.4	-31.6	302.5	11.1	9.4	-6.0	323.3	325.7	0.7	50.9	14.5	80.
29.1	72.6	7875.0	375.0	-28.9	-44.0	310.0	11.9	9.1	-7.7	323.3	324.0	0.2	21.4	15.4	83.
31.0	76.3	8365.1	350.0	-32.4	-38.2	298.5	12.9	11.4	-6.2	325.1	326.5	0.4	56.5	16.4	87.
33.0	80.6	8834.5	325.0	-35.9	-39.9	275.9	13.6	13.5	-1.4	327.1	328.4	0.4	66.4	18.0	88.
35.4	84.8	9435.1	300.0	-40.4	99.9	268.0	13.0	13.0	0.5	328.4	999.9	99.9	999.9	20.0	88.
38.1	89.2	10021.8	275.0	-45.4	99.9	270.8	16.7	16.7	-0.2	329.4	999.9	99.9	999.9	22.4	89.
41.0	94.0	10650.3	250.0	-50.3	99.9	285.3	17.3	16.7	-4.6	331.3	999.9	99.9	999.9	25.2	90.
43.7	99.0	11328.9	225.0	-56.5	99.9	297.9	18.2	16.1	-8.5	331.9	999.9	99.9	999.9	28.0	92.
46.8	104.3	12066.4	200.0	-62.6	99.9	290.1	22.0	20.7	-7.6	333.7	999.9	99.9	999.9	31.5	94.
50.6	110.3	12983.9	175.0	-65.6	99.9	285.7	27.0	26.0	-7.3	341.6	999.9	99.9	999.9	37.1	96.
54.8	116.5	13821.1	150.0	-65.7	99.9	287.3	33.8	32.3	-10.0	357.0	999.9	99.9	999.9	44.8	98.
59.6	124.0	14929.7	125.0	-65.3	99.9	288.5	24.7	23.4	-7.8	376.8	999.9	99.9	999.9	53.4	100.
65.8	132.3	16302.4	100.0	-60.7	99.9	306.2	20.2	16.3	-12.0	410.5	999.9	99.9	999.9	62.3	102.
73.1	141.7	18082.8	75.0	-63.2	99.9	317.4	9.6	6.5	-7.0	440.5	999.9	99.9	999.9	67.6	104.
83.9	153.0	20576.6	50.0	-63.0	99.9	101.3	4.4	-4.3	0.9	495.0	999.9	99.9	999.9	68.8	106.
102.7	166.5	24968.6	25.0	-54.2	99.9	296.5	1.4	1.3	-0.6	629.1	999.9	99.9	999.9	67.3	107.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK

6 MAY 1975
2315 GMT

164 29. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	79.0	997.6	25.5	20.1	200.0	3.2	1.1	3.0	310.9	340.7	15.0	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	8.5	280.5	975.0	23.1	20.6	180.1	3.4	0.0	3.4	300.6	342.5	15.9	85.6	0.1	9.
1.7	10.8	507.2	950.0	21.4	19.3	190.1	6.7	1.2	6.6	300.9	340.8	15.1	88.0	0.4	6.
2.7	13.5	738.8	925.0	20.0	17.9	203.6	9.0	3.6	8.3	301.7	339.4	14.2	88.0	7.9	11.
3.5	15.8	975.4	900.0	18.6	17.8	220.2	9.1	5.9	6.9	302.6	341.1	14.4	95.1	1.3	19.
4.6	18.6	1217.9	875.0	17.7	16.4	237.4	7.7	6.5	4.2	304.0	340.7	13.6	92.1	1.8	27.
5.5	21.1	1466.0	850.0	16.2	15.0	237.3	6.8	5.7	3.7	304.8	339.4	12.7	92.4	2.1	33.
6.5	23.8	1720.1	825.0	14.3	13.4	232.7	8.4	6.7	5.1	305.3	337.7	11.9	94.5	2.6	37.
7.5	26.1	1980.1	800.0	12.5	11.7	217.4	7.4	4.5	5.9	305.9	335.8	10.9	94.6	3.0	39.
8.6	29.2	2246.4	775.0	10.4	7.4	203.6	8.1	3.3	7.4	306.1	329.5	8.4	81.5	3.5	37.
9.7	32.0	2519.0	750.0	8.9	3.5	206.8	8.5	3.8	7.5	307.1	325.7	6.6	68.9	4.1	35.
10.9	35.0	2800.1	725.0	9.4	-3.6	225.2	8.0	5.7	5.6	310.3	322.3	4.0	39.6	4.7	35.
12.1	37.8	3197.6	700.0	8.4	-29.6	242.4	7.7	6.8	3.6	311.8	313.5	0.5	5.0	5.2	37.
13.3	40.7	3389.5	675.0	6.2	-19.5	254.5	8.7	8.4	2.3	312.7	316.6	1.2	13.9	5.7	40.
14.6	43.8	3697.2	650.0	3.7	-21.7	268.0	10.8	10.8	0.4	313.3	316.7	1.0	13.5	6.3	45.
15.8	46.9	4014.1	625.0	1.3	-24.6	270.1	10.2	10.2	-0.0	314.0	316.7	0.8	12.4	6.9	49.
17.1	50.1	4340.5	600.0	-1.7	-25.4	267.4	11.9	11.9	0.5	314.2	316.9	0.8	14.4	7.5	53.
18.4	53.3	4677.2	575.0	-4.8	-26.2	268.1	13.1	13.1	0.4	314.4	317.0	0.8	16.7	8.3	57.
19.8	56.4	5024.7	550.0	-7.9	-28.7	265.9	15.2	15.2	1.1	314.7	316.9	0.6	16.9	9.4	61.
21.3	60.0	5384.6	525.0	-9.7	-33.5	265.5	17.5	17.5	1.4	316.7	318.2	0.4	12.2	17.7	64.
22.7	63.6	5760.6	500.0	-11.1	-46.7	257.0	17.7	17.3	4.0	319.5	319.9	0.1	3.4	12.2	66.
24.1	67.0	6152.3	475.0	-13.4	-43.8	253.1	19.2	18.4	5.6	321.3	321.9	0.2	5.7	13.7	67.
25.5	70.6	6562.3	450.0	-15.3	-54.2	247.3	18.2	16.8	7.0	323.9	324.1	0.1	2.2	15.4	67.
27.1	74.5	6990.9	425.0	-18.7	-57.3	252.7	17.4	16.6	5.2	324.9	325.0	0.0	1.8	17.7	68.
29.7	78.5	7440.2	400.0	-21.8	-57.8	268.1	20.9	20.9	0.7	326.6	326.8	0.0	2.2	18.7	69.
30.3	82.5	7912.2	375.0	-25.1	-58.6	270.7	30.0	30.0	-0.4	328.3	328.5	0.0	2.7	21.0	71.
32.3	86.7	8409.7	350.0	-29.0	-60.1	268.9	31.1	31.1	0.6	329.5	329.6	0.0	3.2	24.5	74.
34.0	91.2	8934.1	325.0	-33.9	-62.2	264.4	29.8	29.6	2.9	329.9	330.0	0.0	3.9	27.7	76.
36.2	95.9	9489.5	300.0	-38.1	-64.0	265.0	29.0	28.9	2.5	331.6	331.7	0.0	4.6	31.4	77.
38.5	100.8	10082.7	275.0	-42.6	99.9	264.9	34.2	34.1	3.0	333.5	999.9	99.9	999.9	35.7	78.
40.5	105.8	10718.7	250.0	-47.4	99.9	268.0	32.9	32.9	1.1	335.6	999.9	99.9	999.9	39.7	78.
43.1	111.3	11407.7	225.0	-52.3	99.9	270.3	37.4	37.4	-0.2	338.4	999.9	99.9	999.9	44.8	80.
45.8	117.3	12160.4	200.0	-57.8	99.9	273.5	42.0	41.9	-2.5	341.3	999.9	99.9	999.9	51.2	81.
49.6	123.8	12991.8	175.0	-62.4	99.9	275.3	40.2	40.0	-3.7	346.9	999.9	99.9	999.9	57.9	83.
52.0	130.8	13938.2	150.0	-64.5	99.9	272.6	35.7	35.7	-1.6	359.0	999.9	99.9	999.9	65.6	84.
55.9	138.0	15047.0	125.0	-64.9	99.9	275.8	32.4	32.2	-3.3	377.4	999.9	99.9	999.9	74.4	85.
60.9	145.3	16411.6	100.0	-63.1	99.9	280.8	25.7	25.3	-4.8	405.9	999.9	99.9	999.9	82.6	86.
66.9	153.3	18191.5	75.0	-62.1	99.9	326.7	5.4	3.0	-4.5	442.8	999.9	99.9	999.9	86.7	88.
75.3	161.7	20655.8	50.0	-61.9	99.9	28.9	7.3	-3.5	-6.4	497.8	999.9	99.9	999.9	87.4	89.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETTE, MO

6 MAY 1975
 2315 GMT

158 8. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	7.0	438.0	954.6	25.6	19.7	170.0	3.6	-0.6	3.5	364.8	346.2	15.4	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	7.4	480.6	950.0	24.4	18.8	999.9	99.9	99.9	99.9	364.0	343.1	14.6	70.8	999.9	999.
1.0	9.5	713.8	925.0	22.1	17.2	999.9	99.9	99.9	99.9	363.7	340.2	13.5	73.9	999.9	999.
2.0	11.3	551.9	900.0	20.0	16.5	210.0	13.6	6.8	11.8	303.9	339.6	13.2	80.1	1.3	13.
2.9	13.9	1194.9	875.0	18.7	14.3	999.9	99.9	99.9	99.9	304.8	336.9	11.8	75.4	999.9	999.
3.7	16.3	1444.0	850.0	18.5	9.5	999.9	99.9	99.9	99.9	306.8	331.4	8.8	55.6	999.9	999.
4.4	18.6	1699.9	825.0	17.4	6.9	999.9	99.9	99.9	99.9	308.0	329.4	7.6	50.1	999.9	999.
5.3	21.0	1961.8	800.0	15.9	0.2	999.9	99.9	99.9	99.9	308.8	322.9	4.9	34.2	999.9	999.
6.1	23.4	2230.5	775.0	13.9	-1.1	999.9	99.9	99.9	99.9	309.4	322.7	4.6	35.5	999.9	999.
7.1	25.9	2505.8	750.0	11.5	-4.0	999.9	99.9	99.9	99.9	309.8	320.8	3.8	33.3	999.9	999.
7.8	28.5	2787.9	725.0	8.8	-5.6	217.5	13.4	8.1	10.6	309.6	319.9	3.5	35.6	4.9	37.
8.7	31.2	3076.9	700.0	6.1	-6.3	214.3	12.7	7.1	10.5	309.6	319.4	3.3	39.1	5.6	37.
9.6	33.7	3373.8	675.0	3.8	-8.2	214.6	12.6	7.2	10.4	310.3	319.4	3.1	41.1	6.3	37.
10.7	36.4	3679.1	650.0	0.9	-8.4	216.4	12.3	7.3	9.9	310.4	319.8	3.1	49.9	7.1	37.
11.9	39.1	3992.6	625.0	-2.0	-9.6	214.7	13.7	7.8	11.2	310.6	319.4	2.9	55.6	8.0	36.
13.5	42.0	4316.5	600.0	-3.0	-10.5	222.6	15.8	10.7	11.7	313.0	321.8	2.9	56.1	9.5	37.
15.0	45.0	4652.5	575.0	-5.3	-11.7	231.6	15.6	12.2	9.7	314.1	322.4	2.7	50.4	10.8	38.
16.1	48.0	5000.5	550.0	-7.8	-12.5	236.1	15.9	13.2	8.9	315.1	323.3	2.7	68.8	11.8	39.
17.2	50.9	5360.9	525.0	-10.9	-11.9	243.8	14.9	13.4	8.6	315.7	324.7	2.9	91.8	12.9	41.
18.5	53.9	5734.5	500.0	-13.3	-14.1	247.4	16.3	15.1	6.3	317.1	325.1	2.6	94.0	13.9	43.
19.9	57.0	6123.5	475.0	-15.3	-27.9	257.2	19.1	18.6	4.2	319.1	321.8	0.8	32.8	15.3	46.
21.5	60.4	6530.0	450.0	-18.3	-32.6	260.2	17.7	17.4	3.0	320.3	322.2	0.5	26.9	16.8	49.
23.1	63.8	6954.2	425.0	-21.2	-35.4	256.4	19.9	19.4	4.7	321.8	323.3	0.4	26.4	18.3	52.
24.6	67.3	7399.7	400.0	-23.9	-37.5	250.6	17.1	16.1	5.7	323.9	325.2	0.4	26.9	20.0	54.
26.1	70.8	7867.5	375.0	-27.7	-31.8	240.2	13.6	11.8	6.8	325.0	327.4	0.7	67.8	21.2	55.
27.6	74.8	8360.5	350.0	-31.2	-36.0	238.2	21.1	17.9	11.1	326.7	328.5	0.5	62.0	22.7	55.
29.7	78.7	8882.3	325.0	-34.4	-46.6	239.8	26.7	23.1	13.4	329.2	329.9	0.2	27.8	25.9	55.
31.8	83.0	9437.3	300.0	-38.4	-52.2	245.5	30.3	27.6	12.5	331.2	331.6	0.1	21.4	29.3	56.
33.9	87.4	10030.7	275.0	-43.1	99.9	248.4	32.0	29.8	11.8	332.8	999.9	99.9	999.9	33.0	58.
36.1	92.3	10666.1	250.0	-48.2	99.9	246.2	35.8	32.8	14.4	334.5	999.9	99.9	999.9	37.6	59.
38.6	97.2	11352.7	225.0	-53.4	99.9	246.8	31.1	28.6	12.3	336.7	999.9	99.9	999.9	42.2	60.
41.4	102.4	12102.6	200.0	-58.1	99.9	241.3	33.9	29.8	16.3	340.7	999.9	99.9	999.9	47.8	62.
44.6	108.4	12936.7	175.0	-61.4	99.9	244.5	34.2	30.8	14.7	346.6	999.9	99.9	999.9	54.0	61.
47.8	114.7	13887.9	150.0	-63.3	99.9	253.7	33.3	32.0	9.4	361.0	999.9	99.9	999.9	60.7	61.
52.0	122.0	15011.4	125.0	-63.4	99.9	272.7	25.0	25.0	-1.2	380.1	999.9	99.9	999.9	66.7	64.
55.8	130.7	15997.3	100.0	-58.8	99.9	264.7	16.4	16.4	1.5	414.1	999.9	99.9	999.9	72.9	66.
62.3	138.3	18180.5	75.0	-62.0	99.9	302.0	8.8	7.4	-4.8	443.0	999.9	99.9	999.9	75.9	68.
70.8	147.7	20697.9	50.0	-59.5	99.9	324.0	3.4	2.0	-2.7	503.4	999.9	99.9	999.9	76.0	70.
83.8	157.5	25118.7	25.0	-52.6	99.9	40.3	1.3	-0.8	-1.0	633.6	999.9	99.9	999.9	75.5	70.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

124

STATION NO. 353
OKLAHOMA CITY, OKLA

6 MAY 1975
2315 GMT

151 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	392.0	958.7	25.6	6.8	240.0	5.2	4.5	2.6	303.3	321.3	6.5	30.0	3.0	6.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.3	9.7	472.1	950.0	25.1	6.0	235.0	7.1	5.8	4.1	303.5	320.9	6.2	29.3	0.2	40.
1.3	11.7	704.9	925.0	22.8	4.0	230.4	7.9	6.1	5.1	303.4	319.0	5.5	29.4	0.6	53.
2.3	14.0	942.1	900.0	20.5	3.2	223.3	6.5	4.5	4.7	303.3	318.5	5.4	31.9	1.0	51.
3.2	16.1	1184.1	875.0	18.0	1.6	224.8	7.3	5.2	5.2	303.2	317.1	4.9	33.1	1.4	49.
4.3	18.4	1431.0	850.0	15.6	-0.5	218.9	8.9	5.6	6.9	303.1	315.5	4.3	33.1	1.9	47.
5.2	20.7	1683.1	825.0	13.5	-2.4	222.6	10.9	7.4	8.0	303.3	314.5	3.9	33.1	2.5	45.
6.2	23.0	1940.9	800.0	11.1	-4.5	229.7	12.3	9.4	8.0	303.4	313.3	3.4	33.1	3.1	45.
7.1	25.5	2205.0	775.0	9.4	-6.9	241.0	15.4	13.5	7.5	304.2	312.9	2.9	31.0	3.9	47.
8.0	27.9	2476.0	750.0	8.3	-8.8	241.3	19.4	17.0	9.3	306.0	313.8	2.6	28.6	4.8	50.
9.3	30.5	2755.5	725.0	7.0	-8.8	231.6	21.2	16.6	12.2	307.5	315.6	2.7	31.2	6.4	52.
10.6	33.2	3043.0	700.0	5.0	-9.7	216.8	19.8	11.9	15.9	308.4	316.3	2.6	33.6	8.0	51.
11.9	35.6	3338.9	675.0	3.0	-5.0	215.0	21.0	12.1	17.2	309.5	321.0	3.9	55.9	9.6	48.
13.3	38.2	3643.8	650.0	1.5	-12.3	216.5	21.6	12.8	17.3	310.9	317.9	2.3	34.9	11.2	46.
14.6	40.9	3957.9	625.0	-1.1	-19.7	217.8	24.7	15.1	19.5	311.3	315.4	1.3	22.9	13.0	45.
15.7	43.8	4282.4	600.0	-2.7	-22.6	219.2	28.2	17.8	21.9	313.1	316.4	1.0	19.8	14.8	44.
17.0	46.9	4618.5	575.0	-4.5	-24.1	221.5	27.8	18.5	20.8	314.8	317.9	0.9	19.9	17.1	43.
18.5	50.0	4966.9	550.0	-6.8	-25.9	225.1	27.4	19.4	19.4	316.1	318.9	0.8	20.0	19.5	43.
20.0	53.0	5328.5	525.0	-9.1	-27.8	228.5	26.6	19.9	17.6	317.5	320.0	0.7	20.2	21.9	44.
21.6	56.0	5703.5	500.0	-12.5	-30.6	232.8	24.6	19.6	14.9	317.7	319.8	0.6	20.4	24.4	45.
23.3	59.4	6093.0	475.0	-15.2	-32.8	231.7	25.3	19.9	15.7	319.2	320.9	0.5	20.5	26.9	45.
24.9	63.0	6499.8	450.0	-17.4	-34.6	230.6	22.7	17.5	14.4	321.3	322.9	0.4	20.7	29.1	46.
26.3	66.4	6925.0	425.0	-21.2	-37.7	233.2	23.9	19.1	14.3	321.8	323.0	0.3	20.9	31.1	46.
27.8	70.1	7365.6	400.0	-24.3	-40.2	234.9	21.6	17.7	12.4	323.4	324.4	0.3	21.1	33.2	47.
29.6	74.0	7836.0	375.0	-28.5	-43.8	232.7	19.2	15.3	11.6	323.8	324.5	0.2	21.3	35.1	47.
31.7	78.2	8327.1	350.0	-32.1	-46.7	235.9	26.5	21.9	14.8	325.4	326.0	0.2	21.6	37.7	48.
33.6	82.2	8846.5	325.0	-36.2	-50.2	239.2	32.7	28.1	16.7	326.7	327.1	0.1	21.8	41.3	48.
35.9	86.6	9397.6	300.0	-40.0	-49.9	234.2	37.4	30.3	21.9	328.9	999.9	99.9	999.9	46.2	49.
38.2	91.4	9985.9	275.0	-44.4	-49.9	235.9	39.3	32.5	22.0	333.9	999.9	99.9	999.9	51.3	50.
40.8	96.4	10618.2	250.0	-49.1	-49.9	243.0	38.3*	34.1	17.4	333.1	999.9	99.9	999.9	56.8	51.
43.5	101.5	11301.9	225.0	-53.8	-49.9	241.5	35.8*	31.5	17.1	336.1	999.9	99.9	999.9	63.4	52.
46.4	107.3	12053.3	200.0	-56.3	-49.9	999.9	99.9	99.9	99.9	343.6	999.9	99.9	999.9	999.9	999.
49.9	113.5	12838.8	175.0	-59.2	-49.9	999.9	99.9	99.9	99.9	352.3	999.9	99.9	999.9	999.9	999.
53.4	120.0	13806.3	150.0	-57.9	-49.9	999.9	99.9	99.9	99.9	370.4	999.9	99.9	999.9	999.9	999.
57.9	127.3	15013.3	125.0	-60.1	-49.9	250.3	9.6*	9.1	3.2	386.3	999.9	99.9	999.9	92.8	55.
62.9	135.3	16399.9	100.0	-61.9	-49.9	240.2	23.2*	20.1	11.5	408.2	999.9	99.9	999.9	100.3	56.
69.5	143.0	18172.2	75.0	-62.0	-49.9	12.4	9.6*	-2.1	-9.4	442.9	999.9	99.9	999.9	107.4	57.
78.4	151.0	23687.7	50.0	-59.1	-49.9	226.9	13.0*	9.5	8.9	504.2	999.9	99.9	999.9	104.5	57.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 354
TINKER AFB. OKLA

7 MAY 1975
0 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	393.0	959.2	25.7	5.8	220.0	3.0	1.9	2.3	303.3	320.3	6.1	28.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	9.5	477.8	950.0	25.6	4.7	44.2	8.5	-5.9	-6.1	304.0	319.9	5.6	25.9	0.3	223.
1.4	11.5	711.2	925.0	23.6	1.7	42.1	8.0	-5.4	-6.0	304.1	317.5	4.7	23.7	0.7	223.
2.4	12.6	949.1	900.0	21.3	-0.2	41.7	9.5	-6.3	-7.1	304.1	316.2	4.2	23.8	1.3	222.
3.4	15.6	1191.9	875.0	19.0	-1.2	43.3	10.0	-6.8	-7.3	304.1	315.6	4.0	25.3	1.8	223.
4.4	17.9	1435.4	850.0	16.6	-2.8	33.1	9.8	-5.4	-8.2	304.0	314.6	3.7	26.2	2.5	222.
5.4	20.1	1692.4	825.0	14.5	-4.6	38.6	9.5	-5.9	-7.4	304.3	314.0	3.3	26.3	3.7	220.
6.6	22.2	1951.1	800.0	12.0	-6.7	50.8	9.5	-7.4	-6.0	304.3	312.8	2.9	26.4	3.7	221.
7.7	24.6	2215.8	775.0	10.1	-8.3	64.7	12.8	-11.5	-5.5	305.0	312.8	2.6	26.4	4.4	223.
9.0	26.8	2487.7	750.0	8.9	-9.3	65.8	20.0	-18.2	-8.2	306.5	314.0	2.5	26.5	5.6	229.
10.9	29.2	2767.9	725.0	8.3	-10.0	48.3	22.5	-16.8	-14.9	308.9	316.4	2.5	26.2	8.2	232.
12.3	31.7	3056.6	700.0	6.1	-10.5	36.4	20.9	-12.4	-16.8	309.5	316.9	2.4	29.1	9.9	230.
13.4	34.3	3353.0	675.0	3.4	-8.0	36.2	20.5	-12.1	-16.6	309.8	319.1	3.1	43.8	11.3	228.
14.7	36.7	3658.0	650.0	1.1	-11.3	39.3	23.4	-14.8	-18.1	310.5	318.2	2.6	40.1	12.9	227.
15.9	39.4	3972.1	625.0	-1.3	-15.8	37.9	26.3	-10.1	-20.7	311.1	316.7	1.8	32.3	14.7	226.
17.0	41.9	4297.0	600.0	-1.9	-26.2	39.8	29.3	-18.8	-22.5	314.0	316.5	0.7	13.5	14.0	225.
18.3	44.8	4633.9	575.0	-4.2	-27.9	42.4	30.5	-20.6	-22.5	315.1	317.3	0.7	13.7	18.8	225.
19.6	47.7	4982.7	550.0	-6.3	-29.4	43.9	27.9	-19.3	-20.1	310.6	318.7	0.6	13.9	21.3	224.
21.2	50.6	5345.2	525.0	-8.5	-31.9	50.5	26.7	-20.6	-17.0	318.2	319.9	0.5	13.1	23.7	225.
23.0	53.6	5721.2	500.0	-11.7	-33.6	53.4	26.4	-20.3	-16.8	318.8	320.4	0.4	14.1	26.6	225.
24.9	56.6	6111.7	475.0	-15.0	-34.8	52.7	26.8	-21.3	-16.2	319.4	320.9	0.4	16.4	29.5	226.
26.5	59.9	6518.5	450.0	-17.3	-36.5	49.9	21.8	-16.7	-14.0	321.5	322.8	0.4	16.8	31.9	226.
28.2	63.3	6944.6	425.0	-20.5	-39.0	54.4	22.9	-18.6	-13.3	322.7	323.8	0.3	17.1	34.2	227.
29.9	66.7	7389.9	400.0	-24.3	-42.1	52.8	21.2	-16.9	-12.8	323.4	324.2	0.2	17.4	36.4	228.
31.8	70.3	7856.9	375.0	-28.1	-46.2	51.9	17.6	-13.8	-10.9	324.4	325.0	0.2	15.7	38.7	227.
33.6	73.9	8348.2	350.0	-31.8	-49.1	58.8	31.1	-26.6	-16.1	325.8	326.2	0.1	16.0	41.1	228.
35.5	77.8	8867.1	325.0	-36.2	-52.6	55.0	36.3	-29.7	-20.8	326.7	327.1	0.1	16.3	44.5	229.
37.9	82.0	9418.2	300.0	-40.1	99.9	53.0	37.8*	-30.2	-22.7	328.9	999.9	99.9	999.9	49.9	229.
40.1	86.2	10007.2	275.0	-44.4	99.9	55.8	37.8*	-31.1	-21.1	331.0	999.9	99.9	999.9	55.3	230.
42.5	91.0	10639.5	250.0	-48.9	99.9	58.1	42.3*	-35.9	-22.4	333.4	999.9	99.9	999.9	60.7	230.
45.2	96.0	11324.3	225.0	-53.2	99.9	53.4	42.2*	-33.9	-25.1	336.9	999.9	99.9	999.9	67.7	231.
47.9	101.3	12077.4	200.0	-55.6	99.9	54.8	44.7*	-36.5	-25.8	344.7	999.9	99.9	999.9	74.0	231.
50.8	107.3	12923.8	175.0	-58.4	99.9	61.0	43.6*	-38.2	-21.1	353.5	999.9	99.9	999.9	81.3	232.
54.3	113.8	13893.0	150.0	-58.3	99.9	59.1	40.6*	-34.8	-20.8	369.7	999.9	99.9	999.9	88.7	233.
58.0	121.0	15036.7	125.0	-61.0	99.9	58.2	32.0*	-27.2	-16.9	384.5	999.9	99.9	999.9	95.3	233.
62.6	129.5	16417.6	100.0	-62.2	99.9	67.8	23.6*	-21.8	-8.9	407.5	999.9	99.9	999.9	102.6	234.
68.2	138.5	18185.5	75.0	-62.7	99.9	206.7	6.1*	2.7	5.4	441.4	999.9	99.9	999.9	105.8	235.
76.1	148.0	20767.3	50.0	-57.2	99.9	235.4	15.8*	13.0	9.0	508.8	999.9	99.9	999.9	107.2	235.
88.7	158.0	25140.4	25.0	-52.1	99.9	235.6	2.8	2.4	1.6	634.8	999.9	99.9	999.9	102.8	236.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

3

STATION NO. 363
 AMARILLO, TEX

6 MAY 1975
 2305 GMT

151 15. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT °C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	14.6	1095.0	881.9	19.4	-13.0	240.0	12.8	11.1	6.4	303.5	308.3	1.6	10.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	15.2	1162.4	875.0	18.3	-2.9	999.9	99.9	99.9	99.9	303.3	313.5	3.5	23.5	999.9	999.
1.2	17.5	1409.2	850.0	15.7	-3.1	999.9	99.9	99.9	99.9	303.1	313.4	3.6	27.2	999.9	999.
2.1	19.9	1661.1	825.0	12.8	-5.5	241.1	17.7	15.5	6.6	302.6	311.5	3.1	27.3	1.7	61.
2.7	22.1	1918.4	800.0	10.7	-7.3	242.5	16.9	15.0	7.8	302.9	311.0	2.8	27.3	2.4	61.
3.4	24.6	2181.6	775.0	8.4	-9.3	244.7	15.1	13.7	6.5	303.1	310.3	2.4	27.4	3.0	61.
4.0	27.0	2450.8	750.0	5.5	-10.9	247.1	16.8	15.5	6.5	302.8	309.4	2.2	29.5	3.6	62.
4.6	29.6	2726.7	725.0	2.8	-12.6	250.0	16.0	15.0	5.4	302.8	308.8	2.0	30.9	4.2	63.
5.4	32.3	3009.8	700.0	2.1	-15.3	247.3	19.8	18.2	7.6	305.0	310.1	1.7	26.3	5.0	64.
6.2	35.0	3304.1	675.0	2.6	-15.7	243.1	20.7	18.5	9.4	308.8	314.0	1.7	24.4	6.0	64.
7.0	37.4	3608.6	650.0	1.0	-17.1	242.2	21.3	18.9	9.9	310.2	315.1	1.5	24.5	7.1	64.
7.8	40.3	3922.1	625.0	-1.8	-19.4	244.0	22.3	20.1	9.8	310.5	314.7	1.3	24.6	8.0	64.
8.5	43.0	4245.2	600.0	-4.5	-21.6	244.8	22.4	20.2	9.5	311.0	314.7	1.1	24.7	9.1	64.
9.4	46.0	4578.6	575.0	-7.2	-23.9	242.7	23.1	20.5	10.6	311.7	314.8	1.0	24.8	10.3	64.
10.3	49.0	4923.2	550.0	-10.2	-26.5	239.8	24.1	20.8	12.1	312.0	314.6	0.8	24.9	11.5	64.
11.8	51.9	5279.9	525.0	-12.4	-28.3	238.6	25.1	21.4	13.1	313.5	315.8	0.7	25.0	13.8	63.
13.7	55.1	5650.8	500.0	-14.9	-30.4	237.7	26.2	22.2	14.0	314.9	316.9	0.6	25.1	16.6	62.
15.5	58.3	6038.1	475.0	-16.5	-31.5	234.1	27.9	22.6	16.4	317.6	319.5	0.6	26.0	19.6	61.
16.9	61.6	6442.2	450.0	-19.6	-34.0	233.6	29.0	23.3	17.2	318.6	320.2	0.5	26.5	21.9	60.
18.3	65.1	6863.9	425.0	-22.9	-36.8	238.5	29.1	24.8	15.2	319.7	321.0	0.4	26.5	24.4	60.
19.7	68.6	7306.2	400.0	-25.6	-38.8	240.6	34.1	29.7	16.7	321.7	322.8	0.3	27.7	27.0	60.
21.1	72.2	7770.5	375.0	-29.3	-41.3	236.2	31.8	26.4	17.7	322.8	323.7	0.3	30.0	29.9	60.
22.6	76.2	8258.8	350.0	-33.6	-44.5	234.3	30.0	24.4	17.5	323.4	324.1	0.2	32.2	32.4	59.
24.2	80.3	8775.4	325.0	-37.4	-47.7	234.9	38.3	31.4	22.1	325.1	325.7	0.2	32.7	36.1	59.
26.0	84.6	9322.0	300.0	-42.6	99.9	236.0	42.6	20.4	13.7	325.4	999.9	99.9	999.9	39.1	59.
29.1	89.0	9902.7	275.0	-47.4	99.9	238.7	24.6	36.3	-22.1	326.6	999.9	99.9	999.9	44.5	58.
30.4	94.0	10527.1	250.0	-51.2	99.9	239.2	45.0	38.7	23.0	330.0	999.9	99.9	999.9	47.6	59.
32.5	99.0	11210.9	225.0	-52.4	99.9	233.9	31.9	25.8	18.8	338.2	999.9	99.9	999.9	53.8	58.
34.8	104.5	11968.7	200.0	-54.6	99.9	238.9	47.0*	40.2	24.2	346.3	999.9	99.9	999.9	57.6	58.
37.5	110.5	12820.8	175.0	-55.3	99.9	243.9	31.9*	28.6	14.0	358.6	999.9	99.9	999.9	65.8	59.
40.5	117.0	13808.1	150.0	-54.3	99.9	250.7	31.0*	29.3	10.2	376.5	999.9	99.9	999.9	71.1	59.
43.8	124.3	14974.2	125.0	-55.1	99.9	243.2	32.0*	28.6	14.4	395.3	999.9	99.9	999.9	77.4	60.
47.7	132.7	16384.5	100.0	-60.8	99.9	212.2	15.1*	8.1	12.8	410.2	999.9	99.9	999.9	80.5	59.
52.6	141.3	18169.9	75.0	-64.0	99.9	139.0	6.3	-4.1	4.8	438.8	999.9	99.9	999.9	85.2	59.
59.8	150.5	20696.7	50.0	-58.5	99.9	81.1	5.6	-5.5	-0.9	505.8	999.9	99.9	999.9	86.9	58.
70.4	160.0	25142.6	25.0	-50.6	99.9	283.0	4.4	4.3	-1.0	639.3	999.9	99.9	999.9	86.7	58.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX

6 MAY 1975
2315 GMT

143 9. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.9	1615.0	829.7	16.1	-19.7	270.0	9.7	9.7	0.0	305.2	308.3	1.0	7.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	21.3	1666.7	825.0	12.1	-12.3	270.4	11.6	11.6	-0.1	301.6	307.3	1.8	16.8	0.2	171.
1.3	23.7	1923.1	800.0	9.8	-14.1	268.2	11.7	11.7	0.4	301.8	306.6	1.6	17.0	0.8	93.
2.5	25.9	2185.3	775.0	7.3	-16.0	266.4	14.5	14.5	0.9	301.8	306.1	1.4	17.1	1.7	89.
3.8	28.4	2453.7	750.0	4.7	-18.0	265.0	14.5	14.5	0.3	301.9	305.7	1.2	17.3	2.7	90.
4.8	30.9	2728.5	725.0	2.3	-19.9	267.3	14.8	14.8	0.7	302.1	305.5	1.1	17.5	3.7	89.
5.8	33.6	3010.3	700.0	-0.7	-19.8	265.6	18.0	18.0	1.4	301.9	305.4	1.1	21.7	4.6	89.
6.7	36.3	3299.2	675.0	-3.5	-20.2	260.9	16.0	15.8	2.5	301.9	305.3	1.1	25.9	5.6	88.
7.7	38.8	3596.1	650.0	-6.3	-22.6	256.3	17.1	16.6	4.1	302.0	305.0	1.0	26.0	6.6	86.
8.8	41.3	3901.1	625.0	-9.0	-23.9	255.0	17.2	16.6	4.4	302.2	305.0	0.9	28.7	7.7	85.
9.9	44.1	4215.4	600.0	-11.9	-24.5	253.6	17.9	17.1	5.0	302.5	305.2	0.9	33.9	8.8	83.
10.9	47.0	4539.4	575.0	-14.8	-25.1	248.8	19.5	18.1	7.0	302.7	305.4	0.9	41.1	10.0	82.
12.1	50.1	4874.0	550.0	-18.1	-26.0	244.1	22.4	20.1	9.8	302.7	305.3	0.8	49.9	11.4	80.
13.3	53.3	5219.9	525.0	-20.7	-26.7	243.9	26.4	23.7	11.6	303.6	305.7	0.7	48.4	13.0	78.
14.5	55.9	5576.1	500.0	-23.3	-32.6	251.7	31.0	29.5	9.7	304.7	306.3	0.5	41.6	15.1	76.
15.7	59.3	5952.9	475.0	-25.3	-36.3	257.4	34.8	33.9	7.6	306.7	307.9	0.4	34.6	17.5	76.
17.9	62.6	6345.3	450.0	-26.1	-42.2	250.4	41.0	38.6	13.7	310.5	311.2	0.2	20.0	22.4	76.
19.7	65.9	6739.0	425.0	-27.1	-44.9	250.0	45.5*	44.1	11.0	314.2	314.8	0.2	16.5	27.2	75.
21.6	69.4	7193.9	400.0	-29.2	-46.8	247.4	46.3*	42.8	17.8	317.0	317.5	0.1	16.3	32.2	75.
23.5	73.3	7652.8	375.0	-31.2	-48.3	242.5	49.0*	43.5	22.6	320.3	320.7	0.1	16.5	37.8	73.
25.2	77.3	8138.4	350.0	-34.6	-49.3	242.9	50.8*	45.2	23.1	322.0	322.4	0.1	20.6	42.5	72.
26.6	80.9	8651.7	325.0	-39.0	-53.0	244.5	52.8*	47.6	22.8	322.8	323.1	0.1	20.9	47.1	71.
28.4	85.0	9195.3	300.0	-43.5	99.9	240.1	45.2*	39.2	22.5	324.1	999.9	99.9	999.9	51.7	70.
30.7	89.3	9777.0	275.0	-46.6	99.9	241.4	40.6*	35.7	19.4	327.8	999.9	99.9	999.9	59.0	69.
33.1	94.2	10405.2	250.0	-49.0	99.9	241.5	59.0*	51.9	28.2	333.2	999.9	99.9	999.9	65.1	69.
35.3	99.0	11094.9	225.0	-50.8	99.9	226.6	23.6*	17.1	16.2	340.7	999.9	99.9	999.9	71.1	68.
38.0	104.3	11857.1	200.0	-53.0	99.9	235.6	41.6*	34.3	23.5	348.9	999.9	99.9	999.9	76.0	66.
41.0	110.2	12718.3	175.0	-52.4	99.9	237.6	23.2*	19.6	12.5	363.4	999.9	99.9	999.9	82.4	66.
45.5	116.3	13716.9	150.0	-52.0	99.9	245.5	34.6*	31.5	14.4	380.6	999.9	99.9	999.9	91.3	65.
48.9	123.5	14886.7	125.0	-56.7	99.9	241.6	24.5*	21.6	11.7	392.4	999.9	99.9	999.9	95.2	65.
53.8	131.0	16372.2	100.0	-58.2	99.9	243.2	31.1*	27.7	14.0	415.3	999.9	99.9	999.9	102.2	65.
59.6	139.3	18116.0	75.0	-59.2	99.9	250.0	5.0*	4.7	1.7	448.9	999.9	99.9	999.9	108.8	64.
67.8	147.7	20654.5	50.0	-58.5	99.9	210.0	2.6*	1.3	2.2	505.8	999.9	99.9	999.9	110.1	64.
80.4	156.5	25080.9	25.0	-50.2	99.9	41.0	6.1	-4.0	-4.6	640.7	999.9	99.9	999.9	108.1	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL

7 MAY 1975
29 GMT

116 149. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	175.0	990.0	16.6	14.6	140.0	3.2	-2.1	2.5	292.0	319.5	10.6	86.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	7.1	300.1	975.0	18.9	16.8	135.6	0.1	-4.3	4.3	295.8	324.4	12.5	87.8	0.2	315.
1.2	9.4	530.3	950.0	20.1	11.0	121.6	6.2	-5.3	3.3	298.8	322.3	6.7	55.5	0.4	312.
2.0	11.5	760.1	925.0	18.5	9.4	122.9	6.9	-5.8	3.8	299.3	321.2	8.1	55.6	0.7	306.
2.8	13.8	994.3	900.0	17.1	8.0	133.4	6.6	-4.8	4.5	300.2	320.7	7.5	54.8	1.1	307.
3.5	16.0	1234.0	875.0	15.0	6.7	147.0	2.3	-1.3	1.9	300.3	319.7	7.1	57.7	1.3	309.
4.4	18.5	1479.1	850.0	13.3	5.5	354.5	2.0	0.2	-2.0	301.0	319.5	6.7	59.1	1.3	308.
5.5	20.8	1730.4	825.0	12.2	4.7	334.2	7.1	3.1	-6.4	302.3	320.5	6.5	60.3	1.1	298.
6.5	23.3	1988.1	800.0	10.9	3.7	322.2	10.9	6.7	-8.6	303.6	321.2	6.3	60.9	0.6	274.
7.4	25.8	2252.4	775.0	9.1	2.7	319.3	13.9	9.1	-10.6	304.4	321.4	6.0	64.3	0.5	204.
8.4	28.3	2523.2	750.0	6.5	2.2	315.4	18.3	11.4	-11.6	304.5	321.4	6.0	73.6	1.3	160.
9.4	31.0	2800.4	725.0	3.6	0.4	307.8	18.4	14.5	-11.3	304.1	319.6	5.5	79.5	2.2	148.
10.5	33.7	3084.8	700.0	1.2	0.2	304.3	21.1	17.4	-11.9	304.6	320.3	5.6	92.6	3.5	139.
12.2	36.3	3377.0	675.0	-0.4	-0.9	308.7	18.9	14.7	-11.8	305.8	321.1	5.3	97.0	5.5	134.
13.6	39.2	3678.7	650.0	-1.6	-2.1	300.8	17.9	15.4	-9.2	307.8	322.4	5.1	96.7	7.0	133.
14.8	41.9	3990.9	625.0	-3.0	-3.5	297.0	22.1	21.2	-6.5	309.6	323.4	4.7	96.5	8.4	129.
16.6	44.9	4313.5	600.0	-5.0	-5.9	289.6	24.6	23.2	-8.3	310.4	999.9	99.9	999.9	10.8	124.
18.2	47.9	4646.6	575.0	-6.9	-6.9	279.7	20.6	20.3	-3.5	311.9	999.9	99.9	999.9	13.1	121.
19.8	50.8	4992.1	550.0	-8.8	-9.9	272.3	16.5	16.4	-0.7	313.7	999.9	99.9	999.9	14.6	118.
21.4	54.0	5351.5	525.0	-10.8	-11.8	268.5	14.1	14.1	0.4	315.8	324.9	2.9	92.1	15.9	116.
22.8	57.0	5725.9	500.0	-12.5	-13.6	271.3	15.1	15.1	-0.3	318.1	326.4	2.7	91.0	17.0	114.
24.2	60.4	6116.2	475.0	-15.0	-16.4	268.6	14.6	14.6	0.4	319.7	326.8	2.2	89.1	18.2	112.
25.6	63.9	6523.2	450.0	-17.8	-19.4	266.2	12.4	12.3	0.8	321.1	326.9	1.8	86.9	19.2	111.
27.0	67.3	6948.6	425.0	-21.0	-22.9	267.3	11.7	11.7	0.6	322.2	326.9	1.4	84.3	20.0	110.
28.5	70.8	7393.9	400.0	-24.2	-26.3	268.4	12.4	12.4	0.4	323.6	327.4	1.1	82.5	21.1	109.
30.2	74.6	7861.5	375.0	-27.6	-29.9	259.3	14.2	14.0	2.6	325.1	328.0	0.8	80.4	22.3	107.
32.2	78.7	8353.9	350.0	-31.6	-34.2	253.5	16.6	15.9	4.7	326.1	328.2	0.6	77.3	23.9	105.
34.0	82.7	8873.5	325.0	-36.0	-39.0	254.9	16.9	16.3	4.4	327.0	328.4	0.4	73.8	25.5	103.
36.0	86.8	9424.2	300.0	-40.4	-44.9	248.4	17.2	16.0	6.3	328.4	999.9	99.9	999.9	27.4	100.
39.4	91.6	10011.5	275.0	-45.2	-49.9	246.2	18.3	16.8	7.4	329.8	999.9	99.9	999.9	29.3	98.
40.9	96.4	10640.3	250.0	-50.6	-55.9	248.7	17.9	16.7	6.5	330.8	999.9	99.9	999.9	31.8	95.
43.6	101.3	11317.8	225.0	-56.3	-61.9	254.4	23.2	22.3	6.2	332.3	999.9	99.9	999.9	35.0	93.
46.4	107.0	12054.8	200.0	-62.0	-67.9	253.3	28.8	27.6	8.3	334.5	999.9	99.9	999.9	38.9	91.
49.3	113.0	12869.7	175.0	-66.2	-72.9	267.1	35.0	35.0	1.8	340.7	999.9	99.9	999.9	44.6	90.
52.8	119.5	13812.4	150.0	-62.1	-67.9	999.9	99.9	99.9	99.9	363.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DCDGF CITY, KAN

6 MAY 1975
2315 GMT

157 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	791.0	912.0	22.8	-4.3	210.0	10.3	5.1	8.9	304.3	313.2	3.0	16.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	15.0	905.4	900.0	20.6	-4.4	223.0	14.6	9.9	10.6	303.2	312.1	3.1	18.1	0.4	36.
1.1	17.2	1146.9	875.0	17.4	-6.9	224.1	12.5	8.7	9.0	302.2	319.9	2.6	18.4	0.9	40.
1.8	19.8	1392.8	850.0	15.1	-8.6	223.9	12.5	8.7	9.0	302.3	309.2	2.3	18.6	1.4	42.
2.4	22.1	1644.1	825.0	12.3	-9.2	224.7	13.0	9.2	9.3	301.9	308.7	2.3	21.2	1.8	42.
3.3	24.7	1900.8	800.0	10.1	-11.0	220.8	14.1	9.2	10.7	302.2	308.3	2.1	21.3	2.6	43.
4.0	27.1	2163.3	775.0	7.5	-13.1	217.4	13.3	8.1	10.6	302.1	307.5	1.8	21.5	3.2	42.
5.0	29.8	2431.9	750.0	4.7	-14.2	218.1	14.9	9.2	11.7	301.9	307.0	1.7	23.9	4.0	41.
6.4	32.5	2706.6	725.0	1.8	-16.5	219.1	13.5	8.5	10.5	301.6	306.0	1.4	24.0	5.2	40.
7.6	35.2	2988.1	700.0	-0.9	-18.8	222.1	14.5	9.7	10.7	301.6	305.4	1.2	24.2	6.1	40.
8.6	37.9	3277.1	675.0	-3.4	-20.9	223.3	16.9	11.6	12.2	301.9	305.2	1.1	24.3	7.0	41.
9.4	40.7	3575.8	650.0	-1.6	-20.7	221.7	21.4	14.3	16.0	307.2	310.8	1.1	21.6	7.9	41.
10.4	43.6	3887.8	625.0	-2.2	-21.2	219.6	24.9	15.9	19.2	310.0	313.0	1.1	21.6	9.5	41.
11.4	46.6	4210.6	600.0	-4.6	-23.1	221.1	26.7	16.9	19.4	310.0	314.0	1.0	21.8	11.0	41.
12.5	49.9	4543.7	575.0	-7.4	-25.4	223.0	24.8	16.9	18.1	311.4	314.1	0.8	22.0	12.7	41.
13.7	52.8	4889.0	550.0	-9.3	-26.9	225.5	26.4	18.8	18.5	313.2	315.7	0.8	22.1	14.4	41.
15.0	56.0	5246.8	525.0	-12.0	-29.2	227.6	27.4	20.2	18.5	314.0	316.2	0.6	22.3	16.4	42.
16.1	59.3	5618.5	500.0	-14.6	-31.3	227.1	29.4	21.6	20.0	315.3	317.2	0.6	22.5	18.5	43.
17.4	62.9	6004.8	475.0	-17.8	-33.9	224.3	31.7	22.1	22.7	316.0	317.5	0.4	22.7	20.7	43.
18.5	66.2	6407.5	450.0	-20.1	-35.9	219.1	30.3	19.1	23.5	317.9	319.3	0.4	22.8	22.9	43.
19.8	70.0	6828.5	425.0	-23.2	-38.4	219.9	32.5	20.8	24.9	319.2	320.4	0.3	23.0	25.3	42.
21.1	73.7	7269.3	400.0	-26.4	-41.1	222.0	33.1	22.1	24.6	320.6	321.5	0.3	23.2	27.7	42.
22.6	77.7	7732.6	375.0	-29.7	-44.1	222.5	34.3	23.2	25.3	322.3	323.0	0.2	22.9	30.9	42.
24.1	81.7	8221.3	350.0	-33.2	-46.7	222.4	31.2	21.0	23.0	323.9	324.5	0.2	24.1	33.9	42.
25.8	85.9	8737.6	325.0	-37.5	-49.8	224.0	35.9	24.9	25.8	324.9	325.4	0.1	26.0	37.1	42.
27.8	90.4	9284.2	300.0	-42.7	99.9	224.7	28.2	19.8	20.0	325.2	999.9	99.9	999.9	40.9	43.
29.7	95.2	9865.8	275.0	-47.0	99.9	221.7	30.4	20.2	22.7	327.2	999.9	99.9	999.9	44.2	43.
31.3	100.2	10490.3	250.0	-51.7	99.9	221.4	35.1	23.2	26.2	329.2	999.9	99.9	999.9	47.8	43.
33.3	105.3	11168.7	225.0	-54.6	99.9	219.3	27.3	17.3	21.2	334.9	999.9	99.9	999.9	51.5	43.
35.9	111.0	11917.8	200.0	-56.0	99.9	216.8	24.2	14.5	19.3	344.1	999.9	99.9	999.9	56.0	42.
38.6	117.0	12769.1	175.0	-55.5	99.9	225.4	20.5	14.6	14.4	358.3	999.9	99.9	999.9	59.5	42.
41.8	123.8	13748.0	150.0	-57.2	99.9	233.1	21.4	17.1	12.8	371.5	999.9	99.9	999.9	63.4	43.
45.8	131.0	14901.5	125.0	-55.8	99.9	229.3	28.4	21.6	18.5	393.9	999.9	99.9	999.9	69.6	43.
50.5	138.7	16331.8	100.0	-57.2	99.9	255.3	11.0	10.6	2.8	417.2	999.9	99.9	999.9	73.6	44.
56.7	146.7	18126.2	75.0	-61.8	99.9	229.2	14.9	11.2	9.7	443.5	999.9	99.9	999.9	78.9	46.
64.9	155.7	20661.9	50.0	-58.9	99.9	21.2	3.5	-1.3	-3.3	504.9	999.9	99.9	999.9	79.8	46.
77.0	165.5	25078.6	25.0	-52.4	99.9	335.9	1.5	0.6	-1.3	634.2	999.9	99.9	999.9	77.8	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN.

6 MAY 1975
2315 GMT

160 220 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	268.0	970.2	28.9	16.8	180.0	7.7	0.0	7.7	306.4	340.7	12.5	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	8.7	454.7	950.0	27.3	7.5	202.9	12.9	5.0	11.9	305.2	325.2	6.9	28.7	0.4	23.
1.3	10.6	689.6	925.0	24.9	7.3	205.4	12.3	5.3	11.1	305.7	325.3	7.0	32.6	0.8	23.
2.0	12.8	528.7	900.0	22.6	6.3	207.1	12.6	5.7	11.2	305.7	324.6	6.7	34.9	1.4	25.
2.9	15.0	1172.7	875.0	20.2	5.9	204.9	11.7	4.9	10.6	305.7	324.6	6.7	39.3	2.1	25.
3.8	17.1	1421.8	850.0	17.8	5.0	205.7	11.2	4.8	10.1	305.6	323.9	6.5	42.9	2.7	25.
4.7	19.5	1676.3	825.0	15.8	1.4	204.8	12.2	5.1	11.1	306.0	320.8	5.2	37.6	3.3	25.
5.5	21.5	1936.5	800.0	14.0	-5.3	203.6	13.8	5.6	12.7	306.5	316.1	3.3	26.0	3.9	25.
6.3	24.0	2202.9	775.0	11.7	-3.4	206.8	14.1	6.4	12.6	306.9	318.1	3.8	34.6	4.6	25.
7.2	26.2	2476.5	750.0	10.5	-9.5	212.4	16.5	8.8	13.9	308.3	315.8	2.5	23.4	5.4	26.
8.1	28.8	2757.5	725.0	8.5	-12.5	217.9	16.0	9.8	12.7	309.0	315.2	2.0	21.0	6.4	27.
9.0	31.3	3046.2	700.0	6.2	-12.9	214.1	15.8	8.9	13.1	309.6	315.8	2.0	23.9	7.1	29.
9.9	34.0	3342.6	675.0	3.3	-15.3	211.6	16.4	8.6	14.0	309.5	314.9	1.7	24.1	8.0	29.
10.8	36.4	3647.3	650.0	0.9	-14.8	214.6	16.7	9.5	13.7	310.2	316.0	1.9	29.8	9.0	29.
11.9	39.2	3960.7	625.0	-2.1	-16.5	214.0	17.8	9.9	14.7	310.2	315.5	1.7	32.4	10.0	30.
12.9	41.9	4283.8	600.0	-4.3	-12.1	216.2	21.2	12.5	17.1	311.4	319.1	2.5	54.7	11.1	30.
14.0	44.8	4618.2	575.0	-6.7	-14.5	222.3	25.7	17.3	19.0	312.4	319.1	2.2	53.5	12.7	31.
15.2	47.9	4963.4	550.0	-9.9	-17.6	225.2	26.3	18.6	18.5	312.5	318.0	1.7	53.4	14.6	33.
16.3	50.6	5321.2	525.0	-11.7	-29.3	227.9	23.2	17.2	15.5	314.4	316.6	0.6	21.6	16.1	34.
17.6	53.3	5693.5	500.0	-13.6	-36.3	225.7	25.9	18.5	18.1	316.4	317.6	0.3	12.6	17.9	36.
18.9	56.9	6081.8	475.0	-15.6	-37.8	226.3	23.8	17.2	16.5	318.6	319.7	0.3	12.8	20.0	37.
20.7	60.1	6468.1	450.0	-17.6	-39.2	225.7	26.0	18.6	18.1	321.1	322.1	0.3	13.0	22.7	38.
22.4	63.7	6912.9	425.0	-21.4	-42.1	226.1	24.2	17.4	16.8	321.5	322.3	0.2	13.4	25.2	39.
24.1	67.2	7357.8	400.0	-23.9	-44.0	220.2	16.9	10.9	12.9	323.8	324.5	0.2	13.7	27.3	39.
25.8	70.8	7825.5	375.0	-27.6	-46.7	219.2	16.3	10.3	12.6	325.1	325.6	0.1	14.0	29.1	39.
27.7	74.7	8317.7	350.0	-31.5	-49.8	195.2	10.3	2.7	9.9	326.1	326.6	0.1	14.4	30.4	39.
29.8	79.0	8836.4	325.0	-36.7	-53.8	205.7	12.6	5.4	11.3	326.0	326.3	0.1	14.9	31.8	38.
32.0	83.0	9386.2	300.0	-40.9	99.9	218.2	10.2	6.3	8.0	327.7	999.9	99.9	999.9	33.4	37.
34.5	87.5	9974.3	275.0	-44.7	99.9	201.2	7.9	2.8	7.3	330.5	999.9	99.9	999.9	34.7	37.
36.9	92.4	10604.0	250.0	-50.2	99.9	219.8	6.6	4.2	5.1	331.4	999.9	99.9	999.9	35.8	37.
39.4	97.5	11283.1	225.0	-56.0	99.9	229.5	9.3	7.1	6.0	332.7	999.9	99.9	999.9	36.6	37.
42.2	103.0	12024.1	200.0	-60.5	99.9	219.3	18.6	11.8	14.4	337.0	999.9	99.9	999.9	38.9	38.
45.3	109.3	12955.3	175.0	-59.6	99.9	232.3	22.4	17.7	13.7	351.6	999.9	99.9	999.9	42.6	38.
49.1	116.0	13820.0	150.0	-60.0	99.9	222.6	17.2	11.7	12.7	366.8	999.9	99.9	999.9	46.9	40.
53.6	124.0	14957.5	125.0	-60.1	99.9	237.4	23.3	15.7	12.6	386.1	999.9	99.9	999.9	51.1	41.
58.8	132.7	16356.2	100.0	-57.0	99.9	252.7	18.1	17.3	5.4	417.6	999.9	99.9	999.9	57.7	44.
64.7	142.0	18165.2	75.0	-60.3	99.9	342.7	9.8	2.9	-9.4	446.5	999.9	99.9	999.9	59.6	47.
72.8	153.0	20693.2	50.0	-59.4	99.9	341.2	4.4	1.4	-4.2	503.4	999.9	99.9	999.9	59.2	49.
85.1	164.5	25106.7	25.0	-51.4	99.9	4.7	2.7	-0.2	-2.7	637.0	999.9	99.9	999.9	57.9	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, COLO

6 MAY 1975
2315 GMT

143 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.1	15.5	1474.0	843.7	11.1	-6.7	250.0	9.3	8.7	3.2	258.8	306.7	2.7	28.0	1.0	0.
00.9	55.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	21.1	1660.2	825.0	8.8	-8.3	255.5	10.9	10.6	2.7	298.2	315.4	2.5	28.9	0.3	79.
1.2	23.5	1913.3	800.0	5.4	-10.7	256.2	10.7	10.4	2.5	297.1	313.3	2.1	30.3	0.7	77.
2.3	25.8	2171.4	775.0	2.7	-11.5	256.8	9.9	9.7	1.9	297.0	312.9	2.0	34.0	1.4	76.
3.3	28.1	2435.4	750.0	0.2	-12.2	268.6	9.7	9.7	0.2	297.0	302.8	2.0	38.6	2.0	79.
4.3	30.7	2705.8	725.0	-2.6	-13.0	276.2	8.0	8.0	-0.9	296.9	302.5	1.9	44.5	2.5	82.
5.6	33.2	2982.9	700.0	-5.3	-13.9	277.0	10.3	10.2	-1.3	296.9	302.3	1.9	50.4	3.2	85.
6.9	35.7	3267.2	675.0	-7.9	-14.8	282.9	9.1	8.9	-2.0	297.0	302.3	1.8	57.4	3.9	87.
8.0	38.3	3559.3	650.0	-10.4	-18.2	279.5	9.0	8.9	-1.5	297.4	301.5	1.4	52.5	4.5	90.
9.1	40.9	3859.8	625.0	-12.9	-22.7	265.6	7.2	7.2	0.6	297.8	300.8	1.0	43.4	5.0	91.
10.0	43.7	4164.4	600.0	-15.9	-31.0	247.7	5.9	5.5	2.2	297.7	299.2	0.5	25.8	5.4	89.
11.1	46.6	4488.3	575.0	-18.8	-34.7	235.6	7.1	5.8	4.0	298.0	299.1	0.3	22.9	5.7	87.
12.1	49.6	4817.7	550.0	-21.6	-37.1	234.2	8.2	6.7	4.8	298.4	299.4	0.3	23.1	6.1	85.
13.2	52.4	5158.5	525.0	-24.3	-39.3	242.9	7.7	6.9	3.5	299.2	300.0	0.2	23.2	6.6	82.
14.3	55.3	5512.4	500.0	-27.1	-35.7	268.0	4.8	4.8	0.2	300.0	301.2	0.4	43.6	7.1	82.
15.5	58.4	5990.1	475.0	-30.1	-41.5	318.3	3.3	2.2	-2.4	300.7	311.4	0.2	31.5	7.2	83.
16.5	61.8	6252.6	450.0	-33.4	-44.5	302.3	1.9	1.6	-1.0	301.2	301.8	0.2	31.5	7.3	84.
17.8	65.2	6661.6	425.0	-36.3	-44.2	240.2	0.4	0.3	0.2	302.4	303.0	0.2	43.9	7.4	84.
19.2	68.6	7080.9	400.0	-38.2	-44.7	30.1	5.7	-2.9	-5.0	305.4	306.0	0.2	49.7	7.4	85.
20.8	72.1	7524.3	375.0	-39.0	-44.3	38.1	13.3	-8.2	-10.4	309.9	310.6	0.2	56.4	6.8	91.
22.2	75.9	7994.1	350.0	-42.0	99.9	30.0	16.8	-8.4	-14.6	312.1	999.9	99.9	999.9	6.1	101.
23.8	80.0	8492.0	325.0	-44.8	99.9	21.2	12.6	-4.6	-11.8	314.9	999.9	99.9	999.9	6.0	117.
25.5	84.0	9025.5	300.0	-45.1	99.9	264.7	4.2	4.2	0.4	321.8	999.9	99.9	999.9	6.2	121.
27.2	88.2	9610.9	275.0	-42.9	99.9	260.7	12.9	12.8	2.1	333.1	999.9	99.9	999.9	7.0	115.
29.2	93.0	10257.8	250.0	-41.1	99.9	246.1	15.7	14.4	6.4	344.9	999.9	99.9	999.9	8.3	109.
31.4	97.8	10972.6	225.0	-41.6	99.9	248.7	17.8	16.6	6.5	354.7	999.9	99.9	999.9	10.3	99.
33.9	103.2	11766.6	200.0	-44.8	99.9	236.6	18.7	15.6	10.3	361.8	999.9	99.9	999.9	12.3	92.
36.5	109.0	12655.3	175.0	-47.1	99.9	232.1	15.8	12.5	9.7	372.1	999.9	99.9	999.9	14.7	85.
39.6	115.2	13664.4	150.0	-51.3	99.9	231.7	15.1	11.9	9.4	381.8	999.9	99.9	999.9	17.5	80.
43.1	122.3	14843.2	125.0	-52.3	99.9	247.6	10.8	9.9	4.1	400.3	999.9	99.9	999.9	20.2	77.
47.2	130.0	16277.6	100.0	-52.7	99.9	221.3	13.9	9.1	10.4	425.9	999.9	99.9	999.9	22.7	73.
51.2	138.3	18140.2	75.0	-53.6	99.9	201.9	10.5	3.9	9.8	460.6	999.9	99.9	999.9	24.4	69.
56.4	147.3	20716.9	50.0	-55.5	99.9	248.4	4.7	4.3	1.7	512.8	999.9	99.9	999.9	25.9	64.
66.8	157.0	25123.7	25.0	-53.3	99.9	192.3	2.4	0.5	2.4	631.4	999.9	99.9	999.9	26.2	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975
2332 GMT

164 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	991.2	21.8	18.2	140.0	2.1	-1.3	1.6	297.5	332.7	13.4	80.0	0.0	0.0
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.8	324.1	975.0	22.7	18.6	145.6	5.6	-3.1	4.6	299.9	337.0	14.0	77.7	5.2	323.0
1.5	10.0	549.0	950.0	18.6	14.5	150.1	4.7	-2.4	4.1	297.5	326.6	11.0	76.8	0.4	323.0
2.4	12.0	777.9	925.0	17.2	13.4	159.5	4.8	-1.7	4.5	298.3	326.4	10.6	78.8	0.7	327.0
3.4	14.5	1011.8	900.0	16.0	13.0	197.2	7.6	2.3	7.3	299.4	327.5	10.5	82.3	1.0	340.0
4.3	16.6	1251.3	875.0	15.2	8.8	208.9	8.2	4.0	7.2	300.6	322.9	8.2	65.8	1.3	352.0
5.2	19.1	1457.1	850.0	14.8	6.6	212.9	8.7	4.8	7.3	302.6	322.5	7.2	57.8	1.7	3.0
6.2	21.2	1748.8	825.0	12.4	5.1	211.0	10.3	5.3	8.8	302.6	321.2	6.7	60.7	2.2	17.0
7.2	23.7	2006.7	800.0	10.8	3.9	216.1	11.1	6.5	9.0	303.5	321.3	6.4	62.5	2.8	15.0
8.3	26.3	2270.0	775.0	7.8	2.8	220.9	12.2	8.0	9.2	302.9	319.9	6.1	70.7	3.6	20.0
9.6	28.7	2539.8	750.0	5.2	2.5	226.6	12.8	9.3	8.8	303.7	320.3	6.1	82.7	4.5	25.0
10.8	31.2	2815.9	725.0	2.6	1.4	223.7	13.5	9.3	9.8	303.1	319.6	5.9	91.7	5.4	29.0
11.9	33.9	3099.1	700.0	0.5	-0.2	218.0	11.7	7.2	9.2	303.7	319.0	5.4	94.9	6.2	31.0
13.0	36.3	3391.0	675.0	-0.8	-1.7	209.4	9.2	4.5	8.1	305.4	319.8	5.0	94.1	6.9	31.0
14.2	39.1	3692.1	650.0	-2.3	-3.4	200.8	7.2	2.6	6.7	306.9	320.3	4.6	92.3	7.5	30.0
15.4	42.0	4002.5	625.0	-4.7	-5.5	201.5	8.0	2.9	7.4	307.5	319.4	4.1	94.1	8.0	30.0
16.4	44.8	4323.4	600.0	-6.3	-8.2	211.4	8.0	4.2	6.8	309.3	319.5	3.4	85.9	8.5	29.0
17.8	47.8	4656.0	575.0	-7.7	-18.0	246.3	10.2	9.3	4.1	311.1	316.2	1.6	43.4	9.2	31.0
19.1	50.7	5001.0	550.0	-8.7	-22.1	276.4	11.7	11.6	-1.3	313.9	317.7	1.2	32.9	9.7	34.0
20.4	53.9	5360.5	525.0	-10.1	-53.0	293.1	10.6	9.7	-4.1	316.3	316.6	0.1	3.0	10.1	40.0
21.8	57.0	5735.5	500.0	-11.6	-57.3	295.5	12.4	11.2	-5.3	318.9	319.0	0.0	1.0	10.3	45.0
23.2	60.3	6126.3	475.0	-14.4	-59.1	293.2	14.4	13.3	-5.7	320.0	320.2	0.0	1.0	10.8	51.0
24.6	63.9	6533.4	450.0	-17.7	-61.2	289.5	15.3	14.4	-5.1	321.0	321.0	0.0	1.0	11.4	56.0
26.1	67.2	6958.6	425.0	-20.6	-63.0	290.1	14.4	13.6	-5.0	322.5	322.6	0.0	1.0	12.3	61.0
27.7	70.9	7403.5	400.0	-24.5	-65.6	290.8	15.6	14.6	-5.5	323.0	323.1	0.0	1.0	13.3	66.0
29.5	74.8	7870.1	375.0	-28.0	-67.0	295.7	16.5	14.8	-7.1	324.4	324.5	0.0	1.2	14.5	71.0
31.2	79.0	8361.5	350.0	-32.2	-52.3	297.0	14.5	12.9	-6.6	325.3	325.6	0.1	11.3	15.6	75.0
33.1	83.2	8878.7	325.0	-37.4	-42.6	291.4	14.1	13.2	-5.2	325.0	326.0	0.3	57.9	16.9	78.0
35.0	87.4	9427.1	300.0	-41.4	99.9	289.2	15.1	14.3	-5.0	327.0	999.9	99.9	999.9	18.3	81.0
37.0	92.4	10011.0	275.0	-46.7	99.9	285.5	16.0	15.4	-4.3	327.6	999.9	99.9	999.9	19.9	83.0
39.1	97.3	11635.6	250.0	-51.8	99.9	290.4	23.5	22.0	-8.2	329.1	999.9	99.9	999.9	22.5	80.0
41.6	102.6	11310.7	225.0	-57.0	99.9	289.5	27.4	25.9	-9.2	331.1	999.9	99.9	999.9	25.9	90.0
44.2	108.5	12045.8	200.0	-62.8	99.9	291.0	25.1	23.4	-9.0	333.4	999.9	99.9	999.9	29.7	93.0
47.2	115.0	12859.9	175.0	-66.4	99.9	291.1	33.1	30.9	-11.9	340.4	999.9	99.9	999.9	34.6	95.0
50.3	122.0	13797.3	150.0	-66.2	99.9	299.9	43.3	37.5	-21.6	356.1	999.9	99.9	999.9	41.8	96.0
54.1	130.7	14897.7	125.0	-67.0	99.9	293.1	32.8	30.2	-12.9	373.6	999.9	99.9	999.9	49.3	100.0
58.7	138.0	16247.6	100.0	-65.4	99.9	295.3	24.8	22.4	-10.6	401.5	999.9	99.9	999.9	56.3	102.0
64.6	146.7	17999.3	75.0	-65.5	99.9	336.4	5.4	2.2	-4.9	435.6	999.9	99.9	999.9	61.2	105.0
73.0	156.3	20484.2	50.0	-62.7	99.9	350.9	2.4	0.4	-2.3	495.8	999.9	99.9	999.9	62.1	106.0
86.2	166.0	24858.8	25.0	-53.0	99.9	264.3	2.9	2.9	0.3	632.4	999.9	99.9	999.9	60.8	107.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

6 MAY 1975
2305 GMT

156 24. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	8.9	362.7	962.0	27.5	1.1	240.0	4.1	3.6	2.1	304.6	317.0	4.3	18.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.4	9.9	472.6	950.0	26.4	1.3	247.4	7.1	6.5	2.7	304.6	317.3	4.4	19.6	0.2	55.
1.5	12.0	706.0	925.0	23.8	-0.7	240.0	8.1	7.0	4.1	304.2	315.5	3.9	19.7	0.7	62.
2.5	14.4	944.0	900.0	21.4	-1.6	228.7	8.3	6.2	5.5	304.1	315.1	3.8	21.4	1.1	58.
3.8	16.5	1186.6	875.0	19.1	-3.4	229.1	9.7	7.3	6.4	304.1	314.0	3.4	21.5	1.8	54.
4.9	18.9	1434.1	850.0	16.6	-4.1	231.1	8.9	6.9	5.6	304.0	313.7	3.3	23.8	2.5	53.
6.1	21.1	1686.9	825.0	14.2	-5.5	235.1	11.1	9.1	6.4	304.0	313.0	3.1	25.0	3.2	52.
7.3	23.7	1945.4	800.0	12.1	-7.3	243.5	12.7	11.4	5.7	304.4	312.6	2.8	25.1	4.0	54.
8.4	25.9	2210.0	775.0	9.7	-9.3	248.8	15.2	14.2	5.5	304.6	311.9	2.4	25.1	4.9	57.
9.7	28.6	2481.3	750.0	8.2	-9.6	243.3	18.1	16.1	8.1	305.8	313.1	2.5	27.1	6.1	59.
11.0	31.2	2760.9	725.0	7.5	-9.9	233.4	20.5	16.5	12.2	308.0	315.5	2.5	27.7	7.7	59.
12.3	34.0	3048.6	700.0	5.4	-11.4	224.1	21.4	14.9	15.4	308.7	315.7	2.3	26.6	9.3	57.
13.5	36.4	3344.8	675.0	3.6	-13.0	216.0	21.2	12.5	17.2	309.9	316.3	2.1	26.5	10.8	55.
14.6	39.3	3649.8	650.0	0.9	-16.4	215.2	22.1	12.7	18.1	310.2	315.3	1.6	26.0	12.1	52.
15.7	42.0	3963.4	625.0	-1.0	-23.5	216.3	25.7	15.2	20.7	311.4	314.4	0.9	16.1	13.6	50.
16.8	45.0	4288.6	600.0	-1.9	-27.1	219.1	28.7	18.1	22.3	313.9	316.2	0.7	12.4	15.4	49.
18.0	48.0	4625.1	575.0	-4.2	-27.9	222.0	27.1	18.2	20.1	315.1	317.3	0.7	13.7	17.5	48.
19.5	51.0	4973.8	550.0	-6.4	-30.3	223.4	26.8	18.4	19.5	316.6	318.5	0.6	12.8	20.0	47.
21.0	54.3	5335.9	525.0	-9.0	-31.9	231.7	26.2	20.5	16.2	317.6	319.3	0.5	13.6	22.3	47.
22.5	57.4	5711.3	500.0	-12.1	-34.2	235.4	25.2	20.7	14.3	318.3	319.8	0.4	13.8	24.5	48.
24.7	61.0	6100.7	475.0	-15.5	-34.8	234.4	25.0	20.3	14.6	318.8	320.2	0.4	17.2	26.9	49.
25.7	64.6	6506.0	450.0	-19.2	-36.7	235.0	25.5	20.9	14.6	319.1	320.4	0.4	19.3	29.4	49.
27.5	68.1	6929.6	425.0	-21.5	-39.5	234.8	23.7	19.4	13.7	321.4	322.5	0.3	17.6	31.9	49.
29.2	71.7	7373.7	400.0	-24.8	-42.2	237.0	24.9	20.9	13.6	322.7	323.5	0.2	17.9	34.5	50.
30.9	75.8	7840.3	375.0	-27.8	-45.9	239.0	29.6	25.4	15.2	324.8	325.4	0.2	15.6	37.2	51.
32.6	80.0	8332.5	350.0	-31.3	-49.3	236.7	35.3	30.5	17.8	326.4	326.9	0.1	14.9	40.3	51.
34.4	84.2	8853.3	325.0	-35.4	-52.8	237.1	39.3	33.0	21.3	327.8	328.2	0.1	14.7	44.6	52.
36.2	88.6	9405.4	300.0	-39.9	99.9	238.7	39.2	33.5	20.4	329.1	999.9	99.9	999.9	48.7	53.
38.2	93.5	9993.6	275.0	-44.6	99.9	240.5	40.8*	35.5	20.1	330.6	999.9	99.9	999.9	53.8	53.
40.3	98.5	10625.4	250.0	-49.2	99.9	241.2	49.2*	43.1	23.7	333.0	999.9	99.9	999.9	58.7	54.
42.6	104.0	11309.3	225.0	-53.4	99.9	239.1	30.3*	26.0	15.5	336.7	999.9	99.9	999.9	64.1	55.
45.1	110.0	12060.5	200.0	-56.3	99.9	239.4	45.1*	38.8	23.0	343.6	999.9	99.9	999.9	69.9	55.
47.8	116.0	12903.3	175.0	-58.9	99.9	245.1	33.5*	30.3	14.1	352.7	999.9	99.9	999.9	76.3	55.
50.7	123.0	13863.6	150.0	-60.9	99.9	245.9	32.5*	29.7	13.3	365.2	999.9	99.9	999.9	81.7	56.
54.2	130.3	15000.4	125.0	-60.1	99.9	249.8	31.6*	29.7	10.9	386.2	999.9	99.9	999.9	89.3	57.
58.2	138.0	16392.2	100.0	-61.6	99.9	246.5	34.7*	31.8	13.8	408.6	999.9	99.9	999.9	97.2	58.
63.0	145.7	18150.0	75.0	-65.4	99.9	263.9	10.0*	9.9	1.1	435.8	999.9	99.9	999.9	104.2	59.
69.5	154.0	20648.4	50.0	-63.0	99.9	78.9	8.4	-8.2	-1.6	495.1	999.9	99.9	999.9	101.7	58.
80.6	162.7	25082.1	25.0	-50.4	99.9	999.9	99.9	99.9	99.9	640.2	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

134

Sounding Data

7 May 1975

0300 GMT

131

131 - 152
~~152~~ - 153

STATION NO. 232
BOOTHVILLE, LA

7 MAY 1975
215 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MH	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	1.0	1010.7	23.9	23.0	140.0	4.2	-2.7	3.2	298.6	345.1	17.9	95.0	0.0	0.
0.1	6.2	94.7	1000.0	23.7	23.4	168.2	11.1	-2.3	10.8	299.3	347.4	18.4	98.0	0.4	335.
0.7	8.5	317.0	975.0	23.1	22.7	169.1	11.2	-2.1	11.0	300.8	348.5	18.2	97.9	0.5	339.
1.5	10.7	544.1	950.0	21.3	20.8	172.2	12.6	-1.7	12.5	301.0	344.7	16.6	97.2	1.1	345.
2.3	13.0	775.6	925.0	20.2	16.6	173.0	12.6	-1.5	12.6	301.7	336.4	13.0	79.5	1.7	348.
3.1	15.3	1012.6	900.0	20.1	12.2	173.8	9.4	-1.0	9.0	303.6	331.2	10.1	61.1	2.2	349.
3.9	17.5	1256.1	875.0	20.1	10.2	193.6	5.9	1.4	5.7	305.9	331.0	9.1	53.4	2.5	350.
4.7	20.2	1505.9	850.0	18.8	9.0	209.7	6.7	3.3	5.8	307.0	330.8	8.5	52.8	2.8	354.
5.5	22.4	1761.7	825.0	16.7	9.6	216.2	6.2	3.7	5.0	307.4	333.0	9.2	63.3	3.0	358.
6.4	25.0	2023.1	800.0	13.9	10.8	209.7	5.6	2.8	4.9	307.4	335.9	10.3	81.5	3.2	1.
7.2	27.4	2291.1	775.0	13.8	-5.9	215.8	6.4	3.8	5.2	309.1	318.6	3.2	25.2	3.5	3.
8.1	30.1	2567.2	750.0	13.1	-4.0	234.2	5.9	4.8	3.5	311.3	322.6	3.8	30.1	3.8	7.
9.0	32.8	2851.2	725.0	11.3	-14.2	254.2	5.1	4.9	1.4	312.1	317.8	1.9	16.0	4.0	10.
10.0	35.5	3143.1	700.0	9.6	-27.4	268.8	5.6	5.6	0.1	313.1	315.1	0.6	5.4	4.1	14.
10.8	38.1	3443.4	675.0	8.0	-27.3	278.7	6.7	6.7	-1.0	314.6	316.7	0.6	6.2	4.1	18.
11.8	40.8	3753.3	650.0	5.9	-21.0	278.8	9.2	9.1	-1.4	315.8	319.4	1.1	12.3	4.2	24.
12.8	43.7	4072.7	625.0	3.4	-16.4	269.1	12.3	12.3	0.2	316.5	321.9	1.7	22.0	4.4	32.
13.8	46.7	4402.9	600.0	1.7	-9.2	267.5	16.6	16.6	0.7	318.5	328.3	3.2	44.0	5.0	40.
14.3	49.8	4744.6	575.0	-0.8	-8.8	267.6	19.5	19.5	0.8	319.5	330.1	3.4	54.4	5.8	49.
15.0	52.6	5098.1	550.0	-3.4	-12.8	267.8	20.6	20.6	0.8	320.4	328.6	2.6	48.0	6.9	55.
17.0	55.7	5463.8	525.0	-6.9	-14.5	272.7	20.3	20.3	-1.0	320.4	327.9	2.4	54.9	8.1	61.
18.2	58.9	5842.3	500.0	-9.8	-17.5	275.8	18.8	18.7	-1.9	321.3	327.6	1.9	53.2	9.2	65.
19.3	62.3	6237.8	475.0	-10.8	-36.5	282.3	18.6	18.1	-3.9	324.5	325.6	0.3	8.1	10.3	69.
20.7	65.7	6651.6	450.0	-13.3	-39.8	282.9	18.8	18.3	-4.2	326.5	327.5	0.3	8.6	11.6	74.
22.0	69.2	7083.9	425.0	-16.6	-41.7	282.3	18.2	17.7	-3.9	327.7	328.5	0.2	9.2	12.9	77.
23.4	72.7	7536.2	400.0	-20.4	-39.0	276.5	18.6	18.3	-3.1	328.4	329.7	0.3	18.1	14.3	79.
24.8	76.5	8010.2	375.0	-24.6	-36.7	279.8	18.2	17.9	-3.1	329.0	330.5	0.4	31.5	15.9	81.
26.4	80.5	8507.8	350.0	-29.2	-34.1	280.2	19.6	19.3	-3.5	329.3	331.5	0.6	62.7	17.4	83.
27.9	84.5	9035.0	325.0	-32.2	-36.1	278.3	24.3	24.0	-3.5	332.3	334.2	0.5	67.6	19.4	85.
29.7	88.7	9593.8	300.0	-37.6	-41.6	276.3	32.2	32.0	-3.5	332.3	333.5	0.3	65.5	22.3	86.
31.7	93.4	10188.0	275.0	-42.7	99.9	278.5	35.0	34.6	-5.3	333.4	999.9	99.9	999.9	26.2	88.
33.9	98.0	10823.6	250.0	-48.3	99.9	280.3	32.7	32.2	-5.9	334.3	999.9	99.9	999.9	31.0	90.
36.7	103.0	11509.3	225.0	-54.1	99.9	279.6	35.2	34.7	-5.9	335.6	999.9	99.9	999.9	36.5	91.
39.4	108.5	12254.7	200.0	-59.8	99.9	284.2	36.7	35.6	-9.7	338.0	999.9	99.9	999.9	42.4	93.
42.8	114.5	13083.3	175.0	-63.0	99.9	286.2	42.2	40.5	-11.8	345.9	999.9	99.9	999.9	50.8	95.
46.1	120.7	14021.9	150.0	-67.3	99.9	281.5	42.6	41.8	-8.5	354.2	999.9	99.9	999.9	58.9	96.
50.1	127.7	15125.9	125.0	-67.0	99.9	297.2	40.8	36.3	-18.7	373.7	999.9	99.9	999.9	68.7	98.
54.8	135.5	16456.8	100.0	-71.8	99.9	290.8	26.3	24.6	-9.3	389.0	999.9	99.9	999.9	77.1	100.
60.8	143.0	18148.4	75.0	-75.0	99.9	317.5	10.5	7.1	-7.7	415.7	999.9	99.9	999.9	82.6	101.
69.8	151.3	20584.2	50.0	-63.1	99.9	4.5	5.7	-0.4	-5.6	495.0	999.9	99.9	999.9	84.4	102.
84.5	160.3	24987.8	25.0	-50.7	99.9	100.5	3.7	-3.6	0.7	639.5	999.9	99.9	999.9	82.9	103.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

7 MAY 1975
215 GMT

162 27. C

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	100.0	998.0	23.9	22.2	140.0	2.6	-1.7	2.0	259.5	344.4	17.1	96.0	0.0	0.
99.9	99.9	99.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	8.0	303.8	975.0	23.1	19.4	158.1	9.0	-3.4	8.3	300.4	339.3	14.7	79.4	0.4	32.0
1.4	10.5	530.4	950.0	21.1	18.6	168.5	11.2	-2.2	10.9	300.5	338.6	14.4	85.5	0.8	33.4
2.2	12.9	761.4	925.0	19.6	16.7	181.2	12.5	0.3	12.5	301.1	336.0	13.1	83.2	1.3	34.2
3.0	15.4	998.0	900.0	18.7	16.1	196.8	11.7	3.4	11.2	302.5	337.1	12.9	84.7	1.9	35.0
3.8	17.9	1239.9	875.0	17.1	15.5	211.6	10.3	5.4	8.8	303.3	337.9	12.0	90.4	2.3	35.7
4.6	20.5	1487.5	850.0	15.5	14.1	220.9	10.9	7.2	8.3	304.0	336.7	12.0	91.2	2.7	4.
5.3	23.1	1740.9	825.0	13.6	12.6	232.1	8.6	6.8	5.3	304.5	335.0	11.2	93.3	3.1	10.
6.1	25.9	2000.3	800.0	11.7	10.9	228.4	7.9	5.9	5.3	305.0	333.4	10.4	95.1	3.4	14.
7.0	28.6	2265.9	775.0	9.9	9.1	231.6	8.0	6.3	5.0	305.7	331.8	9.4	94.3	3.7	17.
7.7	31.4	2538.6	750.0	9.1	3.6	239.4	8.3	7.2	4.2	307.3	326.2	6.7	68.7	4.0	21.
8.6	34.3	2819.3	725.0	7.9	-0.7	251.6	8.3	7.8	2.6	308.9	324.1	5.3	57.0	4.4	25.
9.4	37.0	3108.8	700.0	7.5	-3.7	264.6	8.8	8.7	0.8	311.4	323.7	4.2	44.7	4.6	29.
10.4	40.0	3407.6	675.0	6.5	-15.3	273.4	10.5	10.4	-0.6	313.1	318.5	1.7	19.2	4.9	35.
11.6	42.9	3716.1	650.0	5.1	-26.9	275.0	12.8	12.7	-1.1	314.8	316.9	0.6	7.6	5.3	42.
12.6	46.0	4034.7	625.0	2.9	-28.3	276.3	13.9	13.8	-1.5	315.8	317.8	0.6	7.9	5.9	49.
13.6	49.3	4363.3	600.0	0.0	-30.1	279.3	15.0	14.6	-2.4	316.2	318.0	0.5	8.1	6.5	55.
14.8	52.3	4702.3	575.0	-2.6	-31.8	281.2	17.3	17.0	-3.3	317.0	318.6	0.5	8.4	7.4	61.
15.9	55.6	5052.7	550.0	-5.6	-33.8	281.2	19.5	19.1	-3.8	317.5	318.8	0.4	8.7	8.3	67.
17.0	58.9	5415.8	525.0	-7.9	-35.3	280.8	19.2	18.8	-3.6	319.0	320.2	0.4	8.9	9.5	71.
18.3	62.4	5792.9	500.0	-10.9	-37.3	279.4	20.0	19.7	-3.2	319.7	320.8	0.3	9.2	10.8	75.
19.7	65.9	6186.1	475.0	-11.9	-39.8	268.3	20.9	20.9	0.6	323.2	324.2	0.2	7.6	12.3	78.
21.0	69.7	6598.6	450.0	-14.0	-38.4	256.6	18.1	17.6	4.2	325.7	326.8	0.3	10.8	14.7	78.
22.3	73.3	7029.5	425.0	-17.6	-39.5	261.0	18.3	18.1	2.9	326.4	327.4	0.3	12.6	15.3	78.
23.7	77.3	7480.7	400.0	-21.1	-41.7	272.4	20.3	20.3	-0.8	327.5	328.4	0.2	13.7	16.9	79.
25.1	81.3	7953.0	375.0	-25.1	-43.9	281.3	21.3	20.8	-4.2	329.3	329.0	0.2	15.4	18.6	80.
26.5	85.6	8449.4	350.0	-30.0	-47.1	293.8	21.1	19.3	-8.5	328.3	328.9	0.2	16.9	20.1	83.
28.2	90.3	8971.9	325.0	-34.9	-45.8	296.1	27.1	24.3	-11.9	328.5	329.2	0.2	31.5	22.1	86.
30.0	94.8	9525.7	300.0	-38.4	-43.6	286.7	29.2	28.9	-8.4	331.1	332.1	0.3	57.9	25.1	89.
31.8	99.6	10119.5	275.0	-42.4	99.9	270.0	31.0	31.0	0.0	333.8	999.9	99.9	999.9	28.0	90.
33.7	104.8	10755.8	250.0	-48.4	99.9	269.8	35.4	35.4	0.1	334.2	999.9	99.9	999.9	32.0	90.
36.0	110.4	11441.6	225.0	-53.1	99.9	280.5	32.7	32.2	-5.9	337.1	999.9	99.9	999.9	36.9	91.
38.3	116.0	12198.8	200.0	-59.7	99.9	283.3	30.0	29.2	-6.0	338.2	999.9	99.9	999.9	41.2	92.
41.4	122.5	13014.3	175.0	-64.4	99.9	275.4	39.0	38.8	-3.6	343.7	999.9	99.9	999.9	47.5	93.
44.8	129.3	13981.4	150.0	-67.0	99.9	277.8	40.0	39.7	-5.5	354.6	999.9	99.9	999.9	55.7	93.
49.1	136.5	15052.0	125.0	-67.6	99.9	289.3	46.3	43.7	-15.3	372.6	999.9	99.9	999.9	66.2	95.
54.1	143.5	16394.6	100.0	-66.9	99.9	289.3	27.9	26.4	-9.2	398.6	999.9	99.9	999.9	76.9	97.
60.8	151.0	18129.0	75.0	-68.2	99.9	294.1	22.1	20.2	-9.0	429.9	999.9	99.9	999.9	81.5	98.
70.2	158.7	20638.8	50.0	-63.8	99.9	75.9	6.7	-6.5	-1.6	493.3	999.9	99.9	999.9	80.3	100.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

7 MAY 1975
215 GMT

165 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	5.0	1006.4	25.0	23.2	999.9	99.9	99.9	99.9	300.1	347.7	18.2	90.0	999.9	999.9
0.2	5.3	61.6	1000.0	24.6	23.4	999.9	99.9	99.9	99.9	300.3	348.8	18.5	93.6	999.9	999.9
0.9	6.9	284.1	975.0	23.2	23.2	999.9	99.9	99.9	99.9	301.0	350.2	18.7	101.3	999.9	999.9
1.8	9.2	511.7	950.0	22.1	21.7	999.9	99.9	99.9	99.9	302.3	348.4	17.5	97.8	999.9	999.9
2.6	11.3	744.3	925.0	21.3	20.3	999.9	99.9	99.9	99.9	303.3	347.3	16.5	94.2	999.9	999.9
3.4	13.5	982.0	900.0	20.3	15.2	999.9	99.9	99.9	99.9	304.1	337.8	12.5	75.2	999.9	999.9
4.2	15.8	1226.4	875.0	21.0	14.9	999.9	99.9	99.9	99.9	307.3	341.2	12.3	68.0	999.9	999.9
5.0	18.1	1477.1	850.0	19.0	14.1	999.9	99.9	99.9	99.9	307.7	340.8	12.0	73.2	999.9	999.9
5.9	20.4	1734.1	825.0	17.6	13.9	999.9	99.9	99.9	99.9	308.8	342.7	12.2	79.0	999.9	999.9
6.8	22.7	1997.4	800.0	16.8	8.3	999.9	99.9	99.9	99.9	310.2	335.5	9.0	59.5	999.9	999.9
7.7	25.2	2268.0	775.0	17.1	-12.0	999.9	99.9	99.9	99.9	312.4	318.9	2.1	13.2	999.9	999.9
8.7	27.6	2546.0	750.0	14.9	-23.5	999.9	99.9	99.9	99.9	312.9	315.4	0.8	5.4	999.9	999.9
9.6	30.1	2831.2	725.0	12.8	-24.6	999.9	99.9	99.9	99.9	313.6	315.9	0.7	5.6	999.9	999.9
10.7	32.8	3124.1	700.0	10.7	-17.8	999.9	99.9	99.9	99.9	314.5	319.0	1.4	12.4	999.9	999.9
11.8	35.5	3425.5	675.0	8.4	-11.8	999.9	99.9	99.9	99.9	315.3	322.5	2.3	22.5	999.9	999.9
12.8	38.1	3736.0	650.0	6.2	-10.2	999.9	99.9	99.9	99.9	316.4	324.8	2.7	29.6	999.9	999.9
13.9	40.8	4056.2	625.0	4.0	-4.9	999.9	99.9	99.9	99.9	317.6	330.5	4.3	52.1	999.9	999.9
15.0	43.7	4336.8	600.0	0.8	-3.5	999.9	99.9	99.9	99.9	317.7	332.7	5.0	72.8	999.9	999.9
16.1	46.7	4727.5	575.0	-1.4	-15.1	999.9	99.9	99.9	99.9	318.5	325.1	2.1	34.3	999.9	999.9
17.3	49.8	5080.0	550.0	-3.9	-16.8	999.9	99.9	99.9	99.9	319.7	325.7	1.9	35.7	999.9	999.9
18.5	52.7	5445.0	525.0	-7.3	-23.8	999.9	99.9	99.9	99.9	319.7	323.2	1.1	25.2	999.9	999.9
19.8	55.8	5822.9	500.0	-10.1	-51.1	999.9	99.9	99.9	99.9	320.7	321.2	0.1	3.8	999.9	999.9
21.2	59.1	6217.2	475.0	-11.6	-57.3	999.9	99.9	99.9	99.9	323.5	323.7	0.0	1.0	999.9	999.9
22.6	62.6	6628.9	450.0	-14.7	-59.3	999.9	99.9	99.9	99.9	324.7	324.8	0.0	1.0	999.9	999.9
24.1	66.0	7059.3	425.0	-17.1	-60.8	999.9	99.9	99.9	99.9	327.0	327.1	0.0	1.0	999.9	999.9
25.6	69.7	7511.4	400.0	-20.5	-46.2	999.9	99.9	99.9	99.9	328.3	328.8	0.1	7.9	999.9	999.9
27.1	73.4	7984.7	375.0	-25.1	-46.1	999.9	99.9	99.9	99.9	328.3	328.9	0.2	13.0	999.9	999.9
28.7	77.5	8491.5	350.0	-29.7	-38.3	999.9	99.9	99.9	99.9	328.7	330.2	0.4	44.1	999.9	999.9
30.4	81.5	9006.9	325.0	-32.7	-36.3	999.9	99.9	99.9	99.9	321.5	333.4	0.5	70.1	999.9	999.9
32.3	85.8	9565.2	300.0	-37.3	-41.3	999.9	99.9	99.9	99.9	332.8	334.0	0.3	65.4	999.9	999.9
34.4	90.5	10159.7	275.0	-42.8	99.9	999.9	99.9	99.9	99.9	333.3	999.9	99.9	999.9	999.9	999.9
36.8	95.4	10796.1	250.0	-47.7	99.9	999.9	99.9	99.9	99.9	335.2	999.9	99.9	999.9	999.9	999.9
39.5	100.5	11482.6	225.0	-53.9	99.9	999.9	99.9	99.9	99.9	336.0	999.9	99.9	999.9	999.9	999.9
42.5	106.3	12230.1	200.0	-58.1	99.9	999.9	99.9	99.9	99.9	340.8	999.9	99.9	999.9	999.9	999.9
45.7	112.5	13063.3	175.0	-62.8	99.9	999.9	99.9	99.9	99.9	346.3	999.9	99.9	999.9	999.9	999.9
49.4	115.5	14010.7	150.0	-63.9	99.9	999.9	99.9	99.9	99.9	360.0	999.9	99.9	999.9	999.9	999.9
53.7	127.3	15117.2	125.0	-67.8	99.9	999.9	99.9	99.9	99.9	372.3	999.9	99.9	999.9	999.9	999.9
58.5	136.0	16454.4	100.0	-70.4	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.9
64.3	145.5	18152.8	75.0	-72.1	99.9	999.9	99.9	99.9	99.9	421.7	999.9	99.9	999.9	999.9	999.9
72.8	156.5	20600.6	50.0	-61.8	99.9	999.9	99.9	99.9	99.9	498.0	999.9	99.9	999.9	999.9	999.9
86.7	168.0	25019.4	25.0	-49.1	99.9	999.9	99.9	99.9	99.9	643.4	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

7 MAY 1975
248 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	79.0	997.3	24.4	22.8	140.0	2.6	-1.7	2.0	300.2	347.1	17.9	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
0.7	6.6	272.5	975.0	24.5	22.5	181.9	10.3	0.3	10.3	302.2	349.7	17.9	88.7	0.3	351.
1.7	8.7	507.1	950.0	23.8	21.8	194.7	9.1	2.3	8.8	303.7	350.8	17.7	88.9	0.9	2.
2.6	10.6	740.9	925.0	22.2	20.8	201.1	8.2	3.0	7.7	304.4	350.0	17.0	91.8	1.4	8.
3.6	12.6	979.7	900.0	20.9	19.4	201.9	7.1	2.6	6.6	305.2	348.4	16.0	91.5	1.8	12.
4.5	14.7	1223.7	875.0	18.7	17.5	207.5	7.7	3.6	6.9	305.2	344.6	14.6	92.6	2.2	14.
5.3	16.6	1473.0	850.0	17.0	15.8	215.3	7.1	4.1	5.8	305.8	342.4	13.5	92.6	2.6	17.
6.3	18.9	1727.8	825.0	15.3	14.1	210.4	5.3	2.7	4.5	306.4	340.3	12.4	92.8	2.9	19.
7.2	20.8	1990.0	800.0	14.7	9.3	197.6	7.2	2.2	6.9	308.0	334.0	9.3	70.3	3.2	19.
8.3	23.1	2257.9	775.0	15.9	-13.0	190.4	8.6	1.6	8.4	311.1	316.7	1.8	12.5	3.8	19.
9.5	25.4	2535.1	750.0	14.0	-20.1	189.8	8.9	1.5	8.7	311.9	315.2	1.0	7.8	4.3	17.
10.6	27.5	2819.2	725.0	11.9	-19.7	197.6	9.2	2.8	8.8	312.6	316.2	1.1	9.2	5.0	16.
11.9	30.0	3111.0	700.0	9.4	-12.7	215.9	8.5	5.0	6.9	313.2	319.6	2.1	19.5	5.7	17.
13.3	32.5	3411.0	675.0	6.8	-15.6	221.6	10.1	6.7	7.6	313.5	318.8	1.7	18.3	6.3	20.
14.5	35.0	3719.4	650.0	4.7	-17.3	221.2	10.8	7.1	8.1	314.4	319.2	1.5	18.5	7.1	22.
15.9	37.4	4037.8	625.0	2.3	-16.0	225.5	13.7	9.8	9.6	315.3	320.9	1.8	24.4	8.0	25.
17.3	40.1	4365.9	600.0	-0.4	-13.1	230.2	19.4	14.9	12.4	315.9	323.2	2.3	37.4	9.3	28.
18.5	42.6	4705.0	575.0	-2.9	-10.6	237.6	22.8	19.3	12.2	317.0	326.2	3.0	55.2	10.7	32.
20.0	45.4	5055.9	550.0	-5.2	-12.7	242.6	26.3	23.4	12.1	318.2	326.4	2.6	55.5	12.7	37.
21.4	48.4	5420.0	525.0	-7.1	-22.1	244.9	25.8	23.4	11.0	320.0	324.1	1.2	29.2	14.8	41.
22.8	51.1	5799.2	500.0	-10.0	-35.2	252.4	22.7	21.6	6.9	320.9	322.2	0.4	10.5	16.6	44.
24.4	54.3	6192.0	475.0	-11.7	-57.3	266.7	19.8	19.8	1.2	323.4	323.6	0.0	1.0	18.2	47.
26.0	57.3	6603.9	450.0	-14.7	-59.2	268.7	20.4	20.4	0.5	324.7	324.9	0.0	1.0	19.7	51.
27.9	60.6	7033.8	425.0	-18.1	-61.4	265.1	24.0	23.9	2.0	325.8	325.8	0.0	1.0	21.8	55.
29.7	64.1	7483.6	400.0	-21.7	-63.8	267.7	23.7	23.7	1.0	326.7	326.7	0.0	1.0	24.0	58.
31.5	67.6	7954.9	375.0	-26.0	-66.0	271.6	21.5	21.5	-0.6	327.2	327.2	0.0	1.1	26.2	61.
33.5	71.1	8450.3	350.0	-30.0	-51.8	271.7	29.9	29.9	-0.9	328.3	328.6	0.1	10.0	28.9	64.
35.5	75.2	8973.6	325.0	-33.7	-46.2	264.9	36.6	36.6	3.3	330.2	330.9	0.2	26.8	32.3	67.
37.8	79.3	9531.4	300.0	-37.0	-48.3	258.7	40.9	40.1	8.0	333.2	333.8	0.2	29.4	37.5	69.
40.3	83.6	10126.9	275.0	-42.0	99.9	255.0	34.8	33.6	9.0	334.4	999.9	99.9	999.9	43.5	70.
42.9	88.2	10764.3	250.0	-47.4	99.9	256.1	37.8	36.7	9.1	335.6	999.9	99.9	999.9	49.1	71.
45.4	93.3	11451.5	225.0	-53.4	99.9	264.5	32.0	31.8	3.1	336.8	999.9	99.9	999.9	54.2	72.
48.6	98.8	12202.0	200.0	-58.4	99.9	273.1	29.0	29.0	-1.5	340.3	999.9	99.9	999.9	60.8	73.
51.8	104.5	13029.8	175.0	-63.6	99.9	269.7	41.4	41.4	0.2	344.9	999.9	99.9	999.9	67.5	75.
55.6	111.7	13971.6	150.0	-65.0	99.9	264.0	43.0*	42.8	4.5	358.1	999.9	99.9	999.9	75.4	76.
60.2	118.7	15082.1	125.0	-66.0	99.9	272.3	47.5*	47.5	-1.9	375.5	999.9	99.9	999.9	85.5	78.
65.3	127.5	16430.0	100.0	-68.3	99.9	266.1	31.1*	31.1	2.1	395.8	999.9	99.9	999.9	97.3	80.
71.9	137.7	18169.0	75.0	-68.3	99.9	88.8	11.3*	-11.3	-0.2	429.7	999.9	99.9	999.9	101.7	81.
81.6	146.0	20634.2	50.0	-63.1	99.9	91.4	14.6	-14.6	0.4	499.9	999.9	99.9	999.9	100.1	80.
97.4	161.5	25033.1	25.0	-50.0	99.9	81.6	4.5	-4.4	-0.7	641.2	999.9	99.9	999.9	96.9	82.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

7 MAY 1975
300 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	7.0	1002.2	26.7	24.2	135.0	5.2	-3.7	3.7	302.3	353.3	19.3	86.0	0.0	0.
0.1	4.9	26.5	1000.0	26.6	24.8	139.3	10.7	-7.0	8.1	302.5	355.8	20.2	90.0	0.1	336.
0.7	6.6	250.8	975.0	24.7	23.5	138.4	13.6	-9.0	10.2	302.6	353.1	19.1	93.0	0.5	316.
1.6	8.7	490.3	950.0	25.5	21.9	110.0	7.2	-6.7	2.4	305.5	353.0	17.7	80.3	0.0	313.
2.4	10.6	715.9	925.0	25.4	19.7	61.9	6.9	-6.1	-3.2	307.5	350.6	15.8	70.6	1.2	302.
3.2	12.6	958.0	900.0	26.9	14.5	38.4	7.1	-4.4	-5.6	310.8	343.7	11.8	47.3	1.3	285.
4.1	14.8	1237.0	875.0	25.9	11.8	26.9	5.4	-2.4	-4.8	312.1	340.5	10.0	41.5	1.5	273.
5.0	16.7	1461.6	850.0	24.0	10.1	14.8	5.2	-1.3	-5.0	312.6	338.8	9.2	41.4	1.6	265.
5.9	18.9	1721.9	825.0	21.9	8.3	6.3	4.9	-0.5	-4.8	312.9	337.0	8.4	41.7	1.7	255.
6.7	20.9	1988.4	800.0	20.8	1.4	347.4	2.6	0.6	-2.6	314.0	329.7	5.3	27.7	1.7	249.
7.6	23.2	2262.0	775.0	19.0	-0.5	279.9	1.6	1.6	-0.3	314.9	329.1	4.8	26.7	1.7	247.
8.6	25.4	2542.5	750.0	17.1	-1.2	242.6	5.1	4.6	2.4	315.8	329.8	4.7	28.7	1.5	245.
9.7	27.6	2831.4	725.0	16.9	-2.0	227.9	10.1	7.5	6.8	318.6	332.5	4.6	27.4	1.1	250.
10.6	30.1	3129.2	700.0	14.9	-3.5	222.3	15.9	10.7	11.8	319.6	332.5	4.2	27.7	0.6	290.
11.7	32.6	3435.9	675.0	12.7	-5.0	217.8	16.4	10.0	12.9	320.4	332.5	3.9	28.8	1.2	15.
12.8	35.1	3750.7	650.0	9.6	-5.1	216.2	15.5	9.1	12.5	320.4	332.8	4.0	34.8	2.1	25.
13.9	37.4	4074.6	625.0	6.5	-8.3	214.5	15.9	9.0	13.1	320.3	330.5	3.3	33.7	3.1	28.
15.0	40.1	4407.5	600.0	3.3	-9.2	215.7	16.3	9.5	13.2	320.3	335.2	3.2	39.3	4.2	30.
16.2	42.7	4751.1	575.0	0.3	-11.0	217.7	17.0	10.4	13.4	320.7	329.8	2.9	42.1	5.3	32.
17.2	45.4	5105.5	550.0	-3.1	-13.8	221.4	17.2	11.4	12.9	320.7	328.3	2.4	43.2	6.3	32.
18.2	48.4	5471.8	525.0	-6.2	-16.1	230.1	18.0	13.8	11.6	321.2	327.8	2.1	45.5	7.4	34.
19.5	51.1	5851.8	500.0	-8.4	-23.3	242.4	18.0	15.9	8.3	322.9	326.8	1.2	28.9	8.8	38.
20.8	54.1	6248.5	475.0	-10.6	-29.0	249.3	15.5	14.5	5.5	324.9	327.4	0.7	20.2	10.0	42.
22.2	57.1	6661.8	450.0	-14.4	-30.1	248.0	14.9	13.8	5.6	325.1	327.5	0.7	24.9	11.0	45.
23.4	60.4	7092.4	425.0	-17.7	-30.3	238.8	16.7	14.3	8.7	326.3	328.8	0.7	32.2	12.1	46.
24.8	63.9	7543.5	400.0	-20.4	-34.8	239.3	19.5	16.8	10.0	328.5	330.2	0.5	26.2	13.6	48.
26.5	67.3	8017.5	375.0	-24.7	-38.5	238.8	21.6	18.4	11.2	328.9	330.2	0.4	26.1	15.7	49.
28.3	70.8	8515.4	350.0	-28.8	-41.1	237.9	23.8	20.1	12.6	329.8	330.9	0.3	29.3	18.1	50.
31.3	74.5	9042.0	325.0	-32.5	-42.8	239.8	24.3	21.0	12.2	331.8	332.8	0.3	34.8	20.9	52.
32.0	78.6	9601.0	300.0	-36.8	-44.7	243.2	27.4	24.4	12.4	333.4	334.3	0.2	43.1	23.5	53.
33.9	82.6	10196.7	275.0	-42.1	99.9	253.2	29.2	28.0	8.4	334.2	999.9	99.9	999.9	26.6	54.
36.0	87.0	10833.9	250.0	-47.4	99.9	251.0	31.7	29.9	10.3	335.5	999.9	99.9	999.9	30.5	57.
38.4	92.0	11520.8	225.0	-52.9	99.9	256.8	38.1	37.1	8.7	337.4	999.9	99.9	999.9	34.9	59.
41.5	97.0	12276.6	200.0	-55.9	99.9	256.2	44.1	42.8	10.5	344.2	999.9	99.9	999.9	42.8	62.
44.7	102.8	13114.9	175.0	-62.0	99.9	255.1	45.5	44.0	11.7	347.6	999.9	99.9	999.9	51.1	64.
48.4	109.0	14063.4	150.0	-63.3	99.9	251.8	42.0	39.9	13.1	361.0	999.9	99.9	999.9	60.4	66.
52.4	116.0	15172.4	125.0	-66.6	99.9	263.4	25.3	25.2	2.9	374.4	999.9	99.9	999.9	68.8	67.
56.5	124.7	16510.1	100.0	-71.5	99.9	181.0	6.0	0.1	6.0	389.7	999.9	99.9	999.9	72.4	67.
61.9	134.5	18167.7	75.0	-76.7	99.9	77.9	1.2	-1.1	-0.2	412.2	999.9	99.9	999.9	72.6	67.
70.9	145.3	20594.5	50.0	-83.6	99.9	296.2	1.8	1.6	-0.8	493.6	999.9	99.9	999.9	71.4	66.
85.6	157.0	24980.8	25.0	-50.7	99.9	210.6	2.5	1.3	2.2	639.0	999.9	99.9	999.9	68.7	67.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX

7 MAY 1975
215 GMT

133 72. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GH/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	33.0	1001.3	25.2	23.8	120.0	2.6	-2.3	1.3	300.8	350.4	18.9	92.0	0.0	0.
0.2	4.9	44.5	1000.0	25.2	24.2	123.2	4.0	-3.8	2.5	301.0	352.0	19.4	94.0	0.1	337.
0.8	6.5	269.1	975.0	24.0	23.5	128.6	6.9	-5.4	4.3	301.9	352.1	19.0	96.9	0.3	303.
1.5	8.5	496.2	950.0	22.7	22.2	132.7	5.9	-4.3	4.0	302.7	350.5	18.0	96.7	0.6	309.
2.3	10.5	729.3	925.0	21.4	20.8	116.5	5.2	-4.6	2.3	303.5	348.8	17.0	96.1	0.8	308.
3.1	12.5	967.3	900.0	19.9	18.5	115.6	3.6	-3.3	1.6	304.1	344.7	15.1	91.8	1.0	305.
3.8	14.6	1211.8	875.0	18.9	16.6	116.0	2.6	-2.4	1.2	305.2	342.5	13.8	86.7	1.2	304.
4.7	16.5	1460.2	850.0	17.6	15.6	123.9	2.7	-2.3	1.5	306.4	342.6	13.3	87.9	1.3	303.
5.6	18.7	1715.7	825.0	15.7	14.7	152.2	2.4	-1.1	2.1	306.9	342.3	12.9	94.0	1.4	304.
6.6	20.8	1978.7	800.0	17.4	6.6	253.8	4.6	4.4	1.3	310.8	333.3	7.9	50.7	1.4	310.
7.5	23.0	2249.7	775.0	16.9	-1.7	241.1	6.3	5.5	3.0	312.6	325.6	4.4	28.0	1.2	322.
8.4	25.3	2528.4	750.0	14.7	5.0	221.6	8.7	5.8	6.5	313.5	334.8	7.4	52.4	1.3	339.
9.4	27.5	2814.2	725.0	12.2	3.9	216.6	11.5	6.8	9.2	313.8	334.5	7.1	57.6	1.7	356.
10.4	29.9	3107.3	700.0	10.3	-13.0	219.0	13.3	8.4	10.4	314.1	320.4	2.0	18.0	2.3	8.
11.4	32.4	3408.6	675.0	9.0	-34.7	221.3	16.4	10.9	12.3	315.7	316.7	0.3	2.8	3.1	17.
12.3	34.9	3719.4	650.0	7.1	-35.3	224.7	17.9	12.6	12.7	317.0	318.1	0.3	3.0	4.0	22.
13.3	37.3	4040.1	625.0	4.7	-36.1	229.9	18.4	14.1	11.9	317.8	318.8	0.3	3.2	5.1	28.
14.4	40.0	4370.9	600.0	2.8	-36.8	229.4	18.1	13.2	11.8	319.3	320.3	0.3	3.4	6.2	33.
15.4	42.4	4713.4	575.0	-0.0	-38.0	234.4	16.5	13.4	9.6	320.0	320.8	0.2	3.7	7.2	35.
16.5	45.3	5067.1	550.0	-2.5	-39.1	247.0	17.0	15.7	6.7	321.1	321.9	0.2	4.0	8.2	38.
17.7	48.2	5434.4	525.0	-5.0	-40.3	244.9	18.5	16.7	7.9	322.4	323.2	0.2	4.2	9.3	42.
18.8	51.0	5815.6	500.0	-8.0	-41.8	244.2	18.2	16.4	7.9	323.3	324.0	0.2	4.6	10.4	45.
20.0	54.0	6211.2	475.0	-11.4	-43.6	246.8	20.4	18.7	8.0	323.8	324.4	0.2	4.9	11.8	47.
21.4	57.0	6623.0	450.0	-14.7	-45.4	249.0	19.7	18.4	7.1	324.7	325.3	0.1	5.3	13.4	50.
22.8	60.3	7053.2	425.0	-17.8	-47.2	248.4	22.8	21.2	8.4	326.0	326.5	0.1	5.6	15.1	52.
24.2	63.7	7504.1	400.0	-20.6	-44.9	251.5	26.4	25.0	8.4	328.2	328.8	0.2	5.2	16.8	54.
25.8	67.1	7977.8	375.0	-24.7	-46.5	251.4	26.3	25.0	8.4	328.8	329.4	0.2	11.1	19.4	56.
27.4	70.9	8475.2	350.0	-29.5	-45.0	252.5	27.9	26.6	8.4	329.0	329.7	0.2	11.1	22.0	58.
29.2	74.5	8994.0	325.0	-34.1	-37.8	252.4	33.9	32.3	10.2	329.7	331.3	0.4	68.5	24.8	60.
31.0	78.7	9556.0	300.0	-37.6	-41.3	244.9	35.3	32.0	15.0	332.3	333.6	0.3	67.6	28.7	61.
32.9	82.8	10149.6	275.0	-42.9	99.9	246.0	36.6	33.4	14.9	333.1	999.9	99.9	999.9	33.1	61.
35.1	87.2	10785.1	250.0	-46.3	99.9	246.6	33.7	31.0	13.4	334.3	999.9	99.9	999.9	37.6	62.
37.5	92.0	11469.3	225.0	-54.3	99.9	250.1	41.4	38.9	14.1	335.3	999.9	99.9	999.9	43.3	63.
40.6	97.3	12218.8	200.0	-57.6	99.9	255.3	42.9	41.5	10.9	341.5	999.9	99.9	999.9	50.6	65.
44.3	103.0	13057.3	175.0	-59.6	99.9	257.6	46.0	45.0	9.9	351.5	999.9	99.9	999.9	59.9	67.
47.9	109.5	14020.6	150.0	-62.2	99.9	252.1	39.9	37.0	12.0	363.0	999.9	99.9	999.9	68.3	68.
52.6	116.3	15135.7	125.0	-65.8	99.9	277.4	28.8	28.6	-3.7	375.8	999.9	99.9	999.9	78.0	69.
57.5	125.0	16473.5	100.0	-71.9	99.9	270.0	18.1	18.1	0.0	388.9	999.9	99.9	999.9	85.4	71.
63.7	135.0	18155.4	75.0	-75.1	99.9	999.9	99.9	99.9	99.9	415.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX

7 MAY 1975
215 GMT

161 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	399.0	960.0	21.0	8.9	200.0	2.1	0.7	2.0	298.6	319.0	7.5	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	10.2	490.7	950.0	25.2	11.4	999.9	99.9	99.9	99.9	304.0	329.1	9.1	42.6	999.9	999.
1.0	12.5	724.2	925.0	23.6	5.4	999.9	99.9	99.9	99.9	304.3	321.4	6.1	30.8	999.9	999.
1.9	14.9	962.2	900.0	21.3	3.9	107.4	1.3	-1.3	0.4	304.2	320.1	5.6	31.9	0.1	231.
2.6	17.0	1205.2	875.0	19.2	3.2	129.0	2.5	-1.9	1.5	304.5	320.2	5.5	34.6	0.2	255.
3.5	19.5	1453.4	850.0	16.9	3.1	144.2	3.0	-1.8	2.5	304.6	320.7	5.7	39.9	0.3	286.
4.4	21.8	1797.1	825.0	15.8	-5.7	121.0	2.9	-2.5	1.5	305.7	314.7	3.0	22.4	0.4	295.
5.3	24.3	1967.3	800.0	14.2	-4.2	191.1	3.5	0.7	3.4	306.7	317.1	3.5	27.8	0.6	301.
6.3	26.7	2234.6	775.0	12.4	0.6	234.9	7.3	6.0	4.2	307.8	322.7	5.2	44.2	0.6	334.
7.2	29.3	2508.8	750.0	11.0	-4.3	238.7	10.2	8.7	5.3	309.0	320.0	3.7	34.1	0.8	11.
8.0	32.1	2790.7	725.0	9.2	-8.8	235.9	12.8	10.6	7.2	309.9	318.1	2.7	27.1	1.3	31.
8.8	34.9	3080.5	700.0	8.1	-17.0	234.2	16.1	13.1	9.4	311.6	316.1	1.4	15.0	1.9	39.
9.8	37.4	3379.6	675.0	6.4	-16.0	230.6	18.1	14.0	11.5	313.0	318.2	1.6	18.4	2.9	44.
10.7	40.3	3668.0	650.0	4.5	-20.9	228.9	17.4	13.1	11.5	314.2	317.8	1.1	13.7	3.9	45.
11.9	43.0	4005.1	625.0	1.7	-23.0	234.9	17.8	14.6	10.3	314.4	317.6	1.0	14.0	5.1	46.
12.9	46.1	4332.1	600.0	-0.9	-24.9	237.6	19.4	16.4	10.4	315.1	317.9	0.8	14.2	6.3	48.
13.9	49.1	4670.9	575.0	-2.5	-26.0	232.3	20.3	16.1	12.4	317.2	319.8	0.8	14.3	7.5	50.
15.0	52.1	5021.6	550.0	-5.5	-28.3	232.9	22.2	17.7	13.4	317.6	319.8	0.7	14.6	8.9	50.
16.2	55.3	5384.5	525.0	-8.5	-30.6	236.4	22.7	18.9	12.6	318.2	320.1	0.6	14.8	10.4	51.
17.3	58.6	5760.0	500.0	-12.4	-33.5	235.6	22.8	18.8	12.9	318.0	319.5	0.4	15.2	12.0	51.
18.6	62.0	6149.8	475.0	-15.1	-35.6	233.1	25.4	20.3	15.2	319.3	320.6	0.4	15.4	13.7	52.
19.8	65.4	6556.6	450.0	-17.8	-37.7	230.1	27.5	21.1	17.7	320.8	322.0	0.3	15.6	15.7	52.
21.1	69.0	6981.9	425.0	-20.3	-39.6	230.1	28.2	21.6	18.1	323.0	324.0	0.3	15.8	17.9	51.
22.7	72.7	7428.0	400.0	-23.7	-42.2	238.0	28.8	24.4	15.2	324.2	325.0	0.2	16.1	20.5	52.
24.1	76.7	7895.9	375.0	-27.4	-45.1	246.5	34.4	31.5	13.7	325.3	325.9	0.2	16.5	23.1	53.
25.6	80.6	8390.1	350.0	-30.2	-47.4	248.5	42.2	39.2	15.5	327.9	328.5	0.1	16.7	26.6	55.
27.4	85.0	8912.0	325.0	-34.8	-50.0	246.8	40.9	37.6	16.1	328.6	329.1	0.1	19.4	30.7	57.
29.0	89.2	9466.2	300.0	-38.8	-53.3	241.6	44.9	39.5	21.4	330.5	330.9	0.1	19.7	34.9	58.
30.8	94.0	10057.7	275.0	-42.9	-56.9	238.1	44.6	37.9	23.5	333.1	333.1	99.9	99.9	39.9	58.
33.1	98.8	10593.1	250.0	-47.8	-60.9	238.8	47.9	41.0	24.8	335.0	335.0	99.9	99.9	46.8	58.
35.9	104.0	11330.5	225.0	-52.8	-65.9	242.7	51.0	45.3	23.4	337.6	337.6	99.9	99.9	54.5	58.
38.8	109.8	12133.0	200.0	-57.2	-70.9	243.4	48.3*	43.2	21.6	342.2	342.2	99.9	99.9	63.2	59.
42.1	115.8	12975.1	175.0	-57.0	-75.9	246.3	38.8*	35.6	15.6	355.9	355.9	99.9	99.9	72.6	60.
45.4	122.7	13947.3	150.0	-59.5	-80.9	246.9	51.6*	47.5	20.2	367.7	367.7	99.9	99.9	79.6	61.
49.7	130.3	15087.6	125.0	-61.6	-85.9	258.3	41.4*	40.6	8.4	383.5	383.5	99.9	99.9	91.7	62.
54.5	138.0	16450.4	100.0	-65.8	-90.9	252.1	31.6*	30.0	9.7	400.6	400.6	99.9	99.9	100.6	63.
60.2	146.3	18179.7	75.0	-69.8	-95.9	161.0	3.0*	-1.0	2.8	426.7	426.7	99.9	99.9	106.8	64.
68.1	155.5	20645.1	50.0	-61.4	-99.9	68.2	16.6*	-15.4	-6.2	498.9	498.9	99.9	99.9	105.8	63.
80.6	165.0	25048.4	25.0	-52.4	-99.9	34.6	8.2	-4.6	-6.7	634.2	634.2	99.9	99.9	103.2	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261

DEL RIO, TX

7 MAY 1975

215 GMT

157 10. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH. PCT	RANGE KM	AZ DG
0.0	8.5	314.0	968.3	27.2	2.3	100.0	5.2	-5.1	0.9	303.8	317.1	4.7	20.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	10.1	483.5	950.0	29.5	9.4	97.9	10.0	-9.9	1.4	308.2	331.3	7.9	28.8	0.4	266.
1.6	12.1	720.2	925.0	27.7	7.1	89.1	8.6	-8.6	-0.1	308.6	328.2	6.9	27.2	0.9	270.
2.5	14.4	961.9	900.0	25.5	5.3	85.7	6.9	-6.9	-0.5	308.7	326.5	6.2	27.2	1.3	269.
3.4	16.5	1208.3	875.0	23.2	3.3	75.7	6.2	-6.0	-1.5	308.6	324.7	5.6	27.3	1.7	268.
4.4	18.7	1459.9	850.0	21.2	1.7	58.1	5.7	-4.8	-3.0	309.1	323.9	5.1	27.4	2.0	264.
5.4	20.9	1717.0	825.0	18.6	-0.5	61.5	4.6	-4.0	-2.2	308.9	322.0	4.5	27.5	2.2	261.
6.3	23.3	1979.9	800.0	16.6	-0.9	64.2	4.1	-3.7	-1.8	309.4	322.6	4.5	30.4	2.5	259.
7.3	25.6	2248.9	775.0	14.2	-2.9	128.5	1.5	-1.1	0.9	309.6	321.3	4.0	36.4	2.7	259.
8.3	28.0	2524.4	750.0	12.2	-4.6	214.0	3.8	2.1	3.1	310.3	321.1	3.6	30.4	2.6	262.
9.3	30.6	2807.6	725.0	10.7	-5.7	238.7	7.6	6.5	4.0	311.6	322.0	3.5	31.1	2.4	266.
10.4	33.2	3098.9	700.0	8.8	-6.4	245.6	11.6	10.6	4.8	312.7	322.9	3.4	33.3	1.7	275.
11.6	35.7	3398.4	675.0	5.9	-8.9	244.0	13.8	12.4	6.0	312.6	321.4	2.9	33.6	1.1	299.
12.8	38.3	3705.9	650.0	3.4	-10.1	251.3	16.7	15.9	5.4	313.2	321.5	2.7	36.3	1.0	9.
14.0	40.9	4022.5	625.0	0.4	-11.8	251.3	16.4	15.5	5.3	313.2	320.9	2.5	39.4	1.8	44.
15.3	43.8	4348.3	600.0	-2.5	-13.9	246.0	18.4	16.8	7.5	313.5	320.2	2.2	40.9	3.1	54.
16.5	46.8	4686.2	575.0	-3.0	-21.6	247.6	21.1	19.5	8.1	316.6	320.4	1.2	22.1	4.5	58.
17.6	49.8	5036.8	550.0	-4.6	-24.7	244.3	23.6	21.3	10.2	318.8	321.9	0.9	18.8	5.9	60.
18.8	52.6	5401.5	525.0	-7.2	-31.4	240.0	26.1	22.6	13.0	319.8	321.6	0.5	12.3	7.8	60.
20.1	55.7	5779.5	500.0	-10.0	-33.5	239.6	27.2	23.5	13.8	320.8	322.4	0.4	12.6	9.9	60.
21.6	58.9	6172.9	475.0	-12.7	-35.4	240.1	28.8	24.9	14.4	322.3	323.7	0.4	12.8	12.4	60.
23.0	62.3	6584.0	450.0	-14.7	-36.9	249.5	29.8	27.9	10.4	324.7	326.0	0.4	13.0	14.9	61.
24.7	65.7	7015.0	425.0	-17.1	-36.5	250.7	31.4	29.6	10.3	327.0	328.4	0.4	16.6	18.7	63.
26.5	69.3	7466.0	400.0	-21.2	-38.0	249.6	33.4	31.3	11.6	327.5	329.8	0.4	20.0	21.4	64.
28.2	72.8	7939.0	375.0	-25.0	-39.6	249.5	38.1	35.7	13.3	328.4	329.6	0.3	24.0	25.0	65.
29.9	76.7	8436.8	350.0	-28.9	-40.1	246.6	39.1	35.9	15.6	329.7	330.9	0.3	32.7	28.8	65.
31.6	80.7	8963.2	325.0	-32.7	-41.3	240.9	42.3	37.0	20.6	331.6	332.7	0.3	41.4	33.1	65.
33.3	85.0	9521.9	300.0	-37.4	-45.9	233.7	42.2	34.0	24.9	332.6	333.4	0.2	40.3	37.4	64.
35.2	89.4	10116.1	275.0	-42.7	99.9	231.6	40.9	32.0	25.4	333.3	999.9	99.9	999.9	41.9	63.
37.0	94.2	10751.5	250.0	-48.3	99.9	235.6	41.5	34.2	23.5	334.3	999.9	99.9	999.9	46.2	62.
39.3	99.2	11438.8	225.0	-52.4	99.9	242.7	41.6	37.0	19.1	338.2	999.9	99.9	999.9	51.7	62.
42.3	104.8	12190.2	200.0	-57.7	99.9	240.1	50.0	43.4	24.9	341.4	999.9	99.9	999.9	59.1	62.
45.1	110.6	13033.1	175.0	-58.6	99.9	242.9	40.4	35.9	18.4	353.3	999.9	99.9	999.9	67.2	62.
48.4	117.0	13997.0	150.0	-59.0	99.9	239.2	43.6*	37.4	22.3	368.5	999.9	99.9	999.9	75.5	62.
52.3	124.7	15126.1	125.0	-63.0	99.9	254.8	36.2*	34.9	9.5	380.9	999.9	99.9	999.9	84.9	62.
56.8	132.5	16484.4	100.0	-68.8	99.9	231.8	19.3*	15.2	11.9	394.8	999.9	99.9	999.9	91.5	62.
61.9	140.7	18186.5	75.0	-73.0	99.9	207.5	5.3*	2.4	4.7	419.8	999.9	99.9	999.9	95.7	62.
69.8	149.5	20654.0	50.0	-61.0	99.9	31.1	4.7	-2.4	-4.0	499.8	999.9	99.9	999.9	95.6	61.
83.0	158.7	25087.3	25.0	-49.7	99.9	20.0	4.1	-1.4	-3.8	642.1	999.9	99.9	999.9	94.1	62.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

7 MAY 1975
245 GMT

151 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	873.0	908.6	18.3	0.9	140.0	2.1	-1.3	1.6	300.2	312.8	4.5	31.0	0.0	0.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.7	955.2	900.0	21.5	6.6	172.1	3.9	-0.5	3.9	304.7	324.3	7.0	38.1	0.1	341.
1.2	14.9	1199.8	875.0	21.6	7.7	198.9	4.2	1.4	4.0	307.3	328.5	7.6	40.6	0.3	349.
2.0	16.8	1450.4	850.0	19.7	6.2	233.0	5.8	4.6	3.5	307.8	327.7	7.0	41.2	0.5	12.
2.9	19.1	1706.4	825.0	17.4	4.1	250.3	6.6	6.5	1.2	307.8	325.7	6.3	41.2	0.8	33.
3.8	21.1	1968.2	800.0	14.9	1.9	267.2	7.6	7.6	0.4	307.8	323.6	5.5	41.2	1.0	49.
4.6	23.4	2235.9	775.0	12.6	0.1	273.0	8.3	8.3	-0.4	308.0	322.4	5.0	42.1	1.4	69.
5.6	25.6	2509.9	750.0	10.1	-2.2	266.7	9.6	9.6	0.6	308.1	320.8	4.4	42.3	1.8	69.
6.7	27.9	2790.4	725.0	7.6	-4.0	252.5	12.2	11.6	3.7	308.3	319.9	3.9	43.6	2.5	72.
7.7	30.4	3078.7	700.0	5.8	-5.2	238.4	16.1	13.7	8.4	309.4	320.5	3.7	45.3	3.3	79.
8.6	32.9	3375.5	675.0	4.1	-6.2	229.6	19.7	15.0	12.8	310.7	321.4	3.6	47.0	4.4	66.
9.8	35.5	3681.4	650.0	1.7	-7.5	230.8	21.7	16.8	13.7	311.3	321.4	3.4	50.4	5.9	61.
11.0	38.0	3995.8	625.0	-1.3	-10.1	237.0	23.8	20.0	13.9	311.3	319.9	2.8	50.9	7.3	60.
12.1	40.6	4320.1	600.0	-3.8	-12.7	244.2	25.7	23.1	11.2	312.0	319.4	2.4	49.7	9.1	60.
13.4	43.3	4654.6	575.0	-6.4	-16.8	249.9	27.1	25.5	9.3	312.7	318.3	1.8	43.1	11.1	61.
14.7	46.2	5007.3	550.0	-9.4	-21.7	253.6	27.3	26.2	7.7	313.0	316.9	1.2	36.0	13.1	63.
15.7	49.1	5358.6	525.0	-11.3	-24.0	253.0	25.0	23.9	7.3	314.9	318.3	1.0	33.9	14.8	64.
17.0	52.0	5731.0	500.0	-14.3	-26.1	253.3	24.0	23.0	6.9	315.7	318.7	0.9	35.9	16.6	65.
18.5	55.1	6118.0	475.0	-16.9	-28.0	248.4	25.8	24.0	9.5	317.1	319.8	0.8	37.1	18.8	66.
19.9	58.1	6522.3	450.0	-19.1	-30.1	248.2	28.1	26.1	10.4	319.2	321.6	0.7	37.1	21.1	66.
21.3	61.6	6945.7	425.0	-22.2	-32.9	246.2	27.2	24.9	11.0	320.6	322.5	0.6	37.0	23.4	66.
22.4	65.0	7388.0	400.0	-25.8	-36.4	243.1	28.3	25.2	12.8	321.5	323.0	0.4	35.9	26.0	66.
24.4	68.4	7852.0	375.0	-29.8	-40.3	242.4	30.5	27.0	14.1	322.1	323.2	0.3	35.0	28.7	66.
26.1	72.0	8340.0	350.0	-33.2	-43.3	244.3	32.2	29.0	14.0	324.0	324.8	0.2	34.9	32.0	65.
28.0	76.0	8857.4	325.0	-36.6	-46.4	248.3	35.9	33.4	13.3	326.1	326.8	0.2	35.3	35.8	66.
30.7	80.3	9407.2	300.0	-40.9	-49.9	247.8	42.4	39.3	16.0	327.8	999.9	99.9	999.9	40.6	66.
32.1	84.5	9992.5	275.0	-45.8	-53.7	245.3	45.9	41.7	19.2	328.9	999.9	99.9	999.9	46.2	66.
34.7	89.0	10620.1	250.0	-50.5	-57.9	242.6	44.0*	39.1	20.2	331.1	999.9	99.9	999.9	53.1	66.
37.9	94.2	11323.3	225.0	-53.7	-61.7	242.0	53.2*	47.0	24.9	336.3	999.9	99.9	999.9	62.4	65.
40.9	99.5	12054.4	200.0	-58.6	-65.6	236.1	48.5*	40.3	27.1	343.2	999.9	99.9	999.9	71.3	64.
44.2	105.3	12903.5	175.0	-56.1	-63.1	243.1	45.3*	40.4	20.5	357.3	999.9	99.9	999.9	81.8	64.
47.8	111.7	13881.8	150.0	-56.4	-63.9	239.1	45.4*	38.9	23.3	373.0	999.9	99.9	999.9	91.2	63.
52.1	119.0	15029.9	125.0	-60.4	-67.2	243.2	37.2*	33.2	16.7	385.5	999.9	99.9	999.9	102.4	63.
57.3	127.3	16403.0	100.0	-66.1	-73.1	239.8	29.1*	25.2	14.6	400.1	999.9	99.9	999.9	111.7	63.
62.9	136.7	18140.0	75.0	-68.4	-75.0	192.8	64.6*	2.1	6.3	429.6	999.9	99.9	999.9	115.8	63.
72.5	146.3	21631.5	50.0	-59.7	-68.4	65.8	34.0*	-2.7	-1.2	502.9	999.9	99.9	999.9	117.0	62.
88.6	157.0	25049.7	25.0	-50.8	-68.4	58.3	10.7	-9.1	-5.6	638.7	999.9	99.9	999.9	113.2	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX

7 MAY 1975
300 GMT

104 159. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.0	1193.0	875.6	16.8	-16.2	340.0	3.1	1.1	-2.9	301.3	305.1	1.2	9.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	16.0	1193.0	875.0	16.8	-15.7	344.4	3.3	0.9	-3.2	301.4	305.4	1.3	9.5	0.0	352.
0.7	18.1	1445.3	850.0	16.1	-7.0	999.9	99.9	99.9	99.9	303.3	311.2	2.7	19.8	999.9	999.9
1.7	20.4	1697.5	825.0	13.2	-9.2	999.9	99.9	99.9	99.9	302.9	309.7	2.3	20.0	999.9	999.9
2.5	22.5	1954.9	800.0	11.5	-10.6	999.9	99.9	99.9	99.9	303.7	310.0	2.1	20.1	999.9	999.9
3.4	24.9	2219.0	775.0	9.7	-12.0	329.4	7.0	3.5	-6.0	304.5	310.4	2.0	20.2	0.8	164.
4.3	27.1	2489.9	750.0	7.5	-13.6	999.9	99.9	99.9	99.9	305.0	310.4	1.8	20.5	999.9	999.9
5.2	29.5	2707.7	725.0	5.0	-14.4	999.9	99.9	99.9	99.9	305.2	310.5	1.7	22.9	999.9	999.9
6.1	32.0	3052.7	700.0	2.8	-14.8	999.9	99.9	99.9	99.9	305.8	311.1	1.7	25.8	999.9	999.9
7.0	34.5	3345.6	675.0	0.2	-15.8	999.9	99.9	99.9	99.9	306.0	311.1	1.6	28.8	999.9	999.9
8.1	36.9	3646.4	650.0	-2.5	-17.8	234.9	20.6	16.8	11.8	306.3	311.7	1.4	29.6	5.2	79.
9.1	39.5	3956.5	625.0	-4.7	-17.1	232.3	22.6	17.9	13.8	307.3	312.2	1.6	37.2	6.5	74.
10.2	41.9	4276.5	600.0	-6.5	-26.8	237.4	22.4	18.9	12.1	308.7	311.0	0.7	18.4	8.0	70.
11.5	44.7	4608.0	575.0	-8.3	-29.0	246.7	21.4	19.6	8.4	310.3	312.3	0.6	17.0	9.6	58.
12.7	47.4	4951.7	550.0	-10.5	-30.6	252.7	22.9	21.8	6.8	311.7	313.5	0.5	17.1	11.2	69.
14.0	50.3	5307.8	525.0	-13.5	-33.2	254.0	24.4	23.5	6.7	312.2	313.7	0.4	17.1	13.0	69.
15.2	53.0	5676.7	500.0	-16.4	-36.0	253.0	25.1	24.0	7.3	313.0	314.2	0.3	16.5	14.9	70.
16.4	55.8	6060.8	475.0	-19.0	-38.0	254.4	26.8	25.8	7.2	314.4	315.5	0.3	16.7	16.6	70.
17.6	58.9	6460.9	450.0	-21.7	-37.6	254.1	29.0	27.9	7.9	315.9	317.1	0.3	22.0	18.7	71.
18.8	62.1	6879.7	425.0	-24.5	-38.3	253.2	29.8	29.5	8.6	317.6	318.8	0.3	26.2	21.8	71.
20.2	65.3	7318.5	400.0	-28.2	-40.9	254.1	31.5	30.3	8.6	318.3	319.2	0.3	28.2	23.3	71.
21.9	68.7	7777.6	375.0	-32.1	-44.3	247.3	33.9	31.3	13.1	319.1	319.8	0.2	28.3	26.6	71.
23.7	72.1	8260.9	350.0	-35.8	-47.6	246.3	35.5	32.5	14.3	320.3	320.9	0.1	28.4	30.4	71.
25.4	75.8	8771.8	325.0	-39.8	99.9	243.1	36.5	32.5	16.5	321.8	999.9	99.9	999.9	34.2	70.
27.3	79.7	9314.3	300.0	-44.3	99.9	243.7	41.4	37.1	18.3	322.9	999.9	99.9	999.9	38.4	65.
29.4	83.7	9893.4	275.0	-47.8	99.9	244.1	53.3	48.0	23.3	326.0	999.9	99.9	999.9	44.5	69.
31.4	87.9	10516.5	250.0	-51.8	99.9	240.4	53.1*	46.2	26.3	329.1	999.9	99.9	999.9	51.0	68.
33.7	92.4	11194.6	225.0	-55.3	99.9	236.6	52.9*	44.1	29.1	333.7	999.9	99.9	999.9	58.0	67.
36.4	97.2	11942.8	200.0	-56.2	99.9	239.9	53.2*	46.0	26.7	343.2	999.9	99.9	999.9	66.2	66.
39.4	102.4	12788.2	175.0	-56.8	99.9	238.0	47.9*	40.7	25.4	350.2	999.9	99.9	999.9	75.5	65.
42.8	108.3	13764.8	150.0	-56.1	99.9	241.8	41.4*	36.5	19.6	373.4	999.9	99.9	999.9	84.8	64.
47.4	114.7	14918.5	125.0	-56.7	99.9	238.7	39.6*	33.9	20.6	392.4	999.9	99.9	999.9	94.4	64.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

7 MAY 1975
215 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E PDT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	991.6	17.8	17.3	120.0	1.5	-1.3	0.7	293.3	326.1	12.7	97.0	0.0	0.
0.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	7.7	325.9	975.0	19.3	18.4	999.9	99.9	99.9	99.9	296.5	332.5	13.8	94.2	999.9	999.9
1.4	6.7	550.0	950.0	18.6	17.3	999.9	99.9	99.9	99.9	297.8	332.6	13.3	92.5	999.9	999.9
2.1	11.5	775.5	925.0	18.7	15.5	215.7	7.8	4.6	6.4	300.0	332.3	12.1	82.1	0.6	6.
3.0	13.6	1015.3	900.0	18.4	11.8	226.0	6.6	4.8	4.6	301.8	328.1	9.7	65.4	0.9	20.
3.8	15.6	1256.5	875.0	16.5	9.8	224.9	7.1	5.0	5.0	302.1	326.0	8.7	64.5	1.2	20.
4.6	17.8	1502.6	850.0	14.4	8.1	225.0	7.6	5.7	5.0	302.3	324.3	8.0	66.0	1.6	32.
5.4	20.1	1754.4	825.0	12.6	6.8	235.2	8.9	7.3	5.1	302.9	323.8	7.6	67.8	2.0	35.
6.2	22.1	2012.1	800.0	10.7	5.8	234.8	10.3	8.4	5.9	303.5	323.7	7.3	71.5	2.4	40.
7.2	24.5	2276.3	775.0	8.4	4.8	229.5	10.3	7.9	6.7	303.8	323.4	7.0	78.1	3.0	42.
8.2	26.6	2546.7	750.0	6.0	4.7	221.0	9.9	6.5	7.5	304.0	324.0	7.2	91.5	3.6	43.
9.2	29.1	2824.1	725.0	4.3	3.4	212.0	9.2	4.8	7.8	305.0	324.1	6.8	94.3	4.2	42.
10.3	31.7	3109.5	700.0	2.4	1.4	209.4	8.0	3.9	6.9	306.0	323.2	6.1	92.7	4.7	40.
11.3	34.2	3403.8	675.0	2.3	-3.1	215.6	8.3	4.8	6.8	308.7	321.9	4.5	67.5	5.2	39.
12.4	36.7	3708.4	650.0	0.6	-2.5	232.1	8.2	6.5	5.0	310.3	324.6	4.9	79.7	5.8	40.
13.4	39.4	4022.7	625.0	-1.5	-4.1	252.4	8.0	7.6	2.4	311.3	324.6	4.5	82.3	6.2	41.
14.5	42.0	4346.5	600.0	-4.2	-8.0	266.3	8.3	8.3	0.5	311.7	322.2	3.5	75.0	6.6	44.
15.8	45.0	4680.5	575.0	-7.2	-9.3	271.4	10.2	10.2	-0.2	311.9	321.8	3.3	84.7	7.1	48.
16.9	48.0	5026.7	550.0	-8.4	-14.9	269.9	11.7	11.7	0.0	314.4	321.1	2.2	59.1	7.7	52.
18.1	50.9	5386.3	525.0	-10.7	-21.9	271.7	12.7	12.7	-0.4	315.7	319.8	1.3	38.9	8.4	56.
19.5	54.1	5760.4	500.0	-12.4	-30.5	276.4	13.0	12.9	-1.4	317.9	320.0	0.6	20.4	9.3	60.
20.9	57.3	6150.3	475.0	-14.9	-34.2	277.6	15.9	15.8	-2.1	319.6	321.2	0.5	18.8	10.3	64.
22.3	60.9	6557.1	450.0	-18.1	-43.9	281.4	17.9	17.5	-3.5	320.5	321.1	0.2	8.2	11.5	68.
23.8	64.4	6982.5	425.0	-20.5	-43.4	282.3	17.6	17.2	-3.7	322.6	323.3	0.2	10.8	12.9	72.
25.4	68.0	7427.9	400.0	-23.9	-29.4	276.4	14.1	14.1	-1.6	324.0	326.8	0.8	60.1	14.1	75.
27.1	71.8	7895.4	375.0	-27.8	-43.2	275.2	15.6	15.5	-1.4	324.8	325.6	0.2	21.1	15.6	77.
28.9	76.0	8387.5	350.0	-31.2	-39.9	276.5	18.9	18.8	-2.1	326.6	327.8	0.3	41.6	17.3	79.
30.7	80.3	8908.8	325.0	-34.9	-55.4	278.5	18.6	18.4	-2.8	328.4	328.7	0.1	10.3	19.3	81.
32.9	84.8	9461.9	300.0	-39.2	-50.3	276.7	16.5	16.4	-1.9	330.1	330.6	0.1	29.3	21.7	83.
35.2	89.6	10051.4	275.0	-44.7	99.9	279.1	17.1	16.9	-2.7	330.5	999.9	99.9	999.9	23.7	84.
37.5	94.8	10691.9	250.0	-49.8	99.9	277.9	17.9	17.8	-2.5	332.0	999.9	99.9	999.9	26.1	85.
40.0	100.2	11362.2	225.0	-55.9	99.9	274.9	18.6	18.6	-1.6	332.9	999.9	99.9	999.9	28.8	86.
42.9	106.3	12101.4	200.0	-61.3	99.9	275.6	25.9	25.7	-2.5	335.7	999.9	99.9	999.9	32.4	87.
46.1	112.3	12921.8	175.0	-65.7	99.9	285.8	36.8	35.4	-10.0	341.6	999.9	99.9	999.9	38.5	89.
49.4	119.3	13861.4	150.0	-65.6	99.9	308.2	35.2	27.7	-21.8	357.1	999.9	99.9	999.9	45.2	94.
53.9	127.0	14972.0	125.0	-62.7	99.9	297.5	25.6	22.7	-11.8	381.4	999.9	99.9	999.9	53.0	98.
59.2	135.3	16345.5	100.0	-61.3	99.9	308.6	19.6	15.5	-12.3	409.2	999.9	99.9	999.9	59.9	100.
65.5	143.3	18119.3	75.0	-62.6	99.9	311.8	6.4	4.7	-4.2	441.8	999.9	99.9	999.9	64.4	102.
75.1	152.3	20630.3	50.0	-60.5	99.9	327.3	2.9	1.6	-2.4	501.0	999.9	99.9	999.9	66.1	104.
90.4	161.3	25046.8	25.0	-50.9	99.9	334.6	3.4	1.5	-3.1	638.6	999.9	99.9	999.9	65.1	105.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETTE, MO

7 MAY 1975
348 GMT

127 112. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	438.0	957.3	17.7	16.0	10.0	4.2	-0.7	-4.1	298.1	327.8	12.1	90.0	3.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.2	9.1	574.1	950.0	19.9	17.5	999.9	99.9	99.9	99.9	299.2	334.6	13.4	85.6	999.9	999.
1.0	11.2	735.6	925.0	20.6	19.2	999.9	99.9	99.9	99.9	302.5	343.3	15.3	91.3	999.9	999.
1.9	13.6	572.9	900.0	19.3	17.7	999.9	99.9	99.9	99.9	303.3	341.8	14.3	90.4	999.9	999.
2.6	15.8	1215.9	875.0	18.8	16.7	999.9	99.9	99.9	99.9	305.2	342.6	13.8	87.5	999.9	999.
3.4	18.3	1464.8	850.0	16.7	13.4	999.9	99.9	99.9	99.9	305.2	336.6	11.5	81.0	999.9	999.
4.0	20.7	1719.1	825.0	15.2	10.5	192.2	13.8	2.9	13.5	305.9	332.9	9.8	73.9	2.1	22.
4.6	23.2	1975.4	800.0	13.1	7.6	186.6	13.6	1.6	13.5	306.2	329.1	8.2	69.2	2.6	20.
5.3	25.7	2246.0	775.0	11.2	7.1	185.4	13.3	1.3	13.2	307.0	330.0	8.2	75.6	3.2	17.
6.0	28.3	2519.1	750.0	8.5	5.7	185.4	13.1	1.2	13.0	306.8	328.5	7.7	82.7	3.7	16.
6.6	31.3	2798.7	725.0	6.5	3.6	185.7	12.0	1.1	12.0	307.5	327.0	6.9	81.7	4.2	14.
7.3	33.8	3086.1	700.0	4.4	2.0	186.6	10.9	1.3	10.8	308.2	326.3	6.3	84.1	4.6	13.
8.1	36.4	3381.7	675.0	2.3	1.0	194.3	10.0	2.5	9.7	309.0	326.5	6.1	91.2	5.1	13.
9.0	39.3	3696.1	650.0	0.1	-1.1	213.0	9.6	5.2	8.1	309.8	325.6	5.5	91.6	5.6	13.
10.0	42.0	4000.5	625.0	-0.6	-1.7	224.6	12.8	9.0	9.1	312.5	328.4	5.4	91.8	6.2	17.
11.2	45.1	4325.9	600.0	-3.5	-4.6	235.3	17.4	14.3	9.9	312.7	326.2	4.6	92.1	7.2	21.
12.8	48.3	4658.1	575.0	-9.8	-29.7	251.2	23.3	22.1	7.5	308.6	310.4	0.6	17.7	8.8	31.
14.1	51.2	4999.3	550.0	-12.2	-35.5	257.2	21.8	21.2	4.8	309.6	310.8	0.3	12.2	10.1	37.
15.9	54.4	5354.1	525.0	-12.5	-37.5	265.9	21.5	21.4	1.6	313.4	314.5	0.3	10.2	11.9	46.
17.9	57.6	5727.6	500.0	-13.0	-37.3	268.3	15.0	15.0	0.4	317.2	318.3	0.3	11.2	13.5	52.
18.9	61.0	6117.3	475.0	-14.4	-38.0	268.6	13.9	13.9	0.3	320.1	321.2	0.3	11.4	14.6	54.
19.8	64.7	6524.6	450.0	-17.5	-40.3	263.7	14.7	14.6	1.6	321.2	322.1	0.2	11.6	14.7	56.
20.6	68.1	6950.6	425.0	-20.4	-44.3	247.4	19.3	17.8	7.4	322.8	323.4	0.2	9.6	15.6	57.
21.5	71.7	7396.7	400.0	-23.6	-46.6	238.9	20.8	17.8	10.7	324.2	324.7	0.1	9.9	16.7	57.
22.6	75.7	7866.1	375.0	-26.6	-47.3	242.6	17.7	15.7	8.2	326.3	326.8	0.1	12.1	18.0	57.
24.0	79.8	8359.4	350.0	-31.0	-48.4	247.8	18.8	17.4	7.1	326.9	327.4	0.1	16.0	19.4	58.
26.0	84.3	8880.8	325.0	-34.7	-51.4	244.4	31.4	28.3	13.6	328.7	329.1	0.1	16.3	22.2	59.
28.3	88.4	9435.5	300.0	-38.8	99.9	238.4	31.7	27.0	16.6	330.6	999.9	99.9	999.9	26.5	59.
30.0	93.2	10026.4	275.0	-43.7	99.9	236.5	32.0	26.7	17.7	332.0	999.9	99.9	999.9	29.9	59.
31.5	98.0	10659.9	250.0	-48.6	99.9	233.6	35.1	28.2	20.8	333.8	999.9	99.9	999.9	32.9	59.
33.1	103.4	11346.3	225.0	-53.1	99.9	223.1	45.3	30.9	33.0	337.2	999.9	99.9	999.9	36.7	58.
35.9	109.3	12055.1	200.0	-59.4	99.9	216.7	44.2	26.5	35.5	338.7	999.9	99.9	999.9	43.8	54.
39.2	115.4	12923.9	175.0	-63.3	99.9	227.3	42.5	31.2	28.8	345.4	999.9	99.9	999.9	51.9	52.
41.8	122.3	13859.8	150.0	-68.1	99.9	249.0	43.5	40.4	16.2	352.8	999.9	99.9	999.9	58.6	53.
44.8	129.7	14982.1	125.0	-58.7	99.9	273.0	25.6	25.6	-1.3	388.7	999.9	99.9	999.9	65.5	55.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

113

STATION NO. 353
OKLAHOMA CITY, OKLA

7 MAY 1975
300 GMT

147 43. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	392.0	960.4	16.7	8.4	180.0	2.6	0.0	2.6	294.2	313.5	7.2	58.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	990.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.4	10.4	496.5	950.0	23.0	3.2	196.9	9.3	2.7	8.9	301.2	315.5	5.1	27.3	0.3	10.
1.3	12.4	718.6	925.0	22.7	3.1	206.0	10.7	4.7	9.6	303.3	318.0	5.2	27.6	0.7	16.
2.1	14.7	956.1	900.0	21.2	1.0	216.7	11.8	7.0	9.5	304.0	317.1	4.6	26.2	1.3	23.
3.1	16.9	1198.6	875.0	18.7	-1.0	222.7	10.9	7.4	8.0	303.8	315.5	4.1	26.3	1.9	29.
4.1	19.3	1446.0	850.0	16.4	-2.4	236.0	11.3	9.3	6.3	303.9	314.8	3.8	27.3	2.6	35.
5.0	21.5	1698.8	825.0	14.1	-3.7	242.2	10.6	9.4	4.9	304.0	314.3	3.5	28.9	3.1	39.
6.0	24.0	1957.0	800.0	11.6	-5.6	253.4	8.8	8.4	2.5	303.9	313.1	3.1	29.4	3.7	43.
7.0	26.4	2221.4	775.0	9.3	-6.9	243.7	11.4	10.2	5.0	304.2	312.9	2.9	31.1	4.2	47.
8.0	29.0	2491.7	750.0	6.7	-8.3	245.4	14.7	13.3	6.1	304.2	312.2	2.7	33.4	4.9	49.
9.0	31.7	2769.2	725.0	4.8	-10.7	242.7	18.2	16.2	8.4	305.0	312.0	2.3	31.4	5.9	52.
10.0	34.3	3054.5	700.0	3.2	-13.1	235.9	20.1	16.7	11.3	306.3	312.4	2.0	28.9	7.0	53.
11.1	37.0	3348.3	675.0	2.6	-16.2	230.9	20.7	16.1	13.1	308.7	313.7	1.6	23.4	8.4	53.
12.3	39.8	3653.9	650.0	2.3	-18.5	231.1	20.8	16.2	12.0	311.8	316.1	1.4	19.6	9.9	53.
13.4	42.4	3969.9	625.0	0.5	-20.1	233.3	20.3	16.3	12.1	313.1	317.1	1.2	19.5	11.2	53.
14.5	45.4	4295.6	600.0	-2.4	-22.2	231.9	19.1	15.0	11.8	313.4	316.9	1.1	20.0	12.6	53.
15.7	48.5	4631.6	575.0	-5.0	-24.0	230.6	19.0	14.7	12.0	314.2	317.3	0.9	20.8	14.0	53.
16.8	51.4	4979.0	550.0	-7.9	-26.3	231.4	20.8	16.3	13.0	314.8	317.5	0.8	20.9	15.3	52.
18.0	54.6	5338.6	525.0	-10.8	-28.8	231.6	21.0	16.5	13.1	315.4	317.7	0.7	21.1	16.7	52.
19.2	57.6	5711.4	500.0	-14.0	-30.5	226.9	23.3	17.0	15.9	316.0	318.0	0.6	23.0	18.4	52.
20.6	61.0	6098.1	475.0	-17.2	-33.2	227.3	22.0	16.2	14.9	316.7	318.3	0.5	23.2	20.2	52.
21.9	64.7	6501.5	450.0	-20.3	-35.8	227.7	23.3	17.3	15.7	317.7	319.0	0.4	23.4	22.1	51.
23.5	68.1	6922.4	425.0	-23.4	-38.4	232.0	22.6	17.8	13.9	319.0	320.2	0.3	23.5	24.0	51.
25.2	71.7	7363.9	400.0	-26.0	-40.6	237.5	20.4	17.2	10.9	321.2	322.1	0.3	23.7	26.5	51.
27.1	75.7	7827.6	375.0	-30.0	-43.1	237.0	26.4	22.1	14.4	321.8	322.7	0.2	26.4	29.1	52.
28.9	79.9	8313.9	350.0	-34.9	-47.0	240.4	21.0	18.3	10.4	321.7	322.2	0.2	27.4	31.9	53.
31.1	84.0	8827.5	325.0	-38.0	-50.3	233.3	27.9	22.4	10.7	324.3	324.7	0.1	25.8	34.8	53.
33.3	88.3	9375.8	300.0	-41.2	-54.9	234.5	33.7	27.5	19.6	327.4	329.9	99.9	999.9	38.5	53.
35.6	93.2	9961.6	275.0	-45.4	-59.9	232.0	37.6	29.6	23.2	329.5	332.5	99.9	999.9	43.2	53.
38.0	98.0	10592.2	250.0	-49.3	-65.9	236.0	30.6	30.4	20.5	332.8	335.9	99.9	999.9	48.7	53.
40.6	103.3	11276.2	225.0	-53.2	-72.9	233.6	38.4	30.9	22.9	336.9	339.9	99.9	999.9	54.8	53.
43.7	109.0	12027.9	200.0	-57.0	-80.9	236.9	36.5	30.6	19.9	342.5	345.9	99.9	999.9	61.9	53.
47.1	115.2	12869.4	175.0	-59.0	-89.9	236.1	34.7*	28.8	19.4	352.6	349.9	99.9	999.9	68.7	54.
51.2	121.8	13835.6	150.0	-59.2	-99.9	242.0	32.0*	28.3	15.0	368.1	359.9	99.9	999.9	77.8	54.
55.5	129.0	14978.6	125.0	-59.5	-99.9	239.1	30.6*	26.2	15.7	387.2	369.9	99.9	999.9	85.4	55.
60.9	137.0	16336.6	100.0	-64.1	-99.9	239.6	28.6*	24.7	14.5	403.9	379.9	99.9	999.9	93.2	55.
67.5	144.5	18140.2	75.0	-62.0	-99.9	153.2	7.4*	-3.3	6.6	443.1	399.9	99.9	999.9	96.2	55.
77.2	152.7	20624.1	50.0	-60.9	-99.9	43.4	5.5	-3.8	-4.0	500.0	399.9	99.9	999.9	95.3	55.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

144

STATION NO. 354
TINKER AFB, OKLA

7 MAY 1975
300 GMT

122 106. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPFED	U COMP	V COMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		FT	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
0.0	8.8	393.0	960.1	19.2	8.2	220.0	2.0	1.3	1.5	290.7	316.1	7.2	49.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	9.7	495.2	950.0	24.0	2.1	17.8	9.5	-2.9	-4.1	302.2	315.7	4.7	24.2	0.3	191.0
1.4	11.6	717.7	925.0	23.0	-0.3	21.6	10.2	-3.7	-4.6	303.4	315.0	4.1	21.3	0.8	196.0
2.3	13.9	955.1	900.0	21.1	-1.9	33.9	10.2	-5.7	-8.5	303.8	314.6	3.7	21.5	1.3	200.0
3.3	15.9	1197.6	875.0	19.2	-3.3	43.0	12.1	-8.3	-8.8	304.2	314.2	3.4	21.6	2.7	207.0
4.1	18.1	1445.4	850.0	17.1	-4.9	54.2	13.6	-11.0	-7.9	304.5	313.7	3.1	21.7	2.6	212.0
5.1	20.3	1698.6	825.0	14.7	-6.5	63.8	11.5	-10.3	-5.1	304.6	313.0	2.8	22.4	3.3	218.0
6.1	22.5	1957.5	800.0	12.4	-7.7	71.6	11.7	-11.1	-3.7	304.7	312.7	2.7	23.8	3.9	223.0
7.1	24.9	2222.2	775.0	9.8	-9.8	67.9	13.1	-12.1	-4.9	304.7	311.6	2.3	23.9	4.3	227.0
8.0	27.1	2493.4	750.0	7.8	-10.6	62.5	16.2	-14.4	-7.5	305.4	312.2	2.3	25.8	5.4	230.0
9.1	29.6	2772.2	725.0	6.5	-13.5	54.9	20.2	-16.5	-11.6	306.8	312.5	1.9	22.3	6.5	232.0
10.2	32.1	3059.3	700.0	5.0	-14.7	46.2	21.5	-15.5	-14.9	308.3	313.7	1.7	22.4	8.0	232.0
11.3	34.8	3354.9	675.0	2.8	-18.5	44.8	21.9	-15.4	-15.6	309.0	313.1	1.3	18.9	9.3	230.0
12.3	37.2	3660.0	650.0	2.5	-23.2	46.4	22.5	-16.3	-15.5	311.9	314.8	0.9	12.9	10.6	230.0
13.3	39.9	3975.8	625.0	0.9	-24.3	47.3	22.1	-16.3	-15.0	313.5	316.3	0.8	13.0	12.0	229.0
14.5	42.4	4302.4	600.0	-1.3	-25.9	50.0	20.8	-15.9	-13.4	314.6	317.2	0.8	13.3	13.5	229.0
15.7	45.3	4639.7	575.0	-3.8	-27.8	49.2	20.5	-15.5	-13.4	315.5	317.8	0.7	13.5	15.1	229.0
17.0	48.3	4988.6	550.0	-6.8	-29.9	51.5	22.2	-17.4	-13.8	316.0	318.0	0.6	13.8	16.7	230.0
18.2	51.0	5249.4	525.0	-9.6	-32.0	52.1	23.0	-18.2	-14.1	316.9	318.6	0.5	14.1	18.3	230.0
19.4	54.1	5723.6	500.0	-13.2	-33.1	50.8	24.9	-19.3	-15.8	317.0	318.6	0.5	16.8	19.9	230.0
20.6	57.1	6112.2	475.0	-15.9	-35.0	52.7	23.2	-18.4	-14.0	318.2	319.7	0.4	17.4	21.8	230.0
21.9	60.6	6516.9	450.0	-19.6	-36.9	54.1	23.0	-18.6	-13.5	318.6	319.9	0.4	19.7	23.6	230.0
23.3	64.0	6939.1	425.0	-22.5	-39.2	55.2	23.7	-19.5	-13.5	320.2	321.2	0.3	19.9	25.5	231.0
24.8	67.3	7382.4	400.0	-25.1	-42.3	54.2	24.4	-19.8	-14.3	322.3	323.1	0.2	18.3	27.7	231.0
26.5	70.9	7947.2	375.0	-29.5	-44.4	55.8	25.8	-21.4	-14.5	322.5	323.2	0.2	21.7	30.3	231.0
28.1	74.7	8335.9	350.0	-33.5	-47.8	53.8	21.6	-17.5	-12.8	323.5	324.0	0.1	22.0	32.4	232.0
29.6	78.5	8851.9	325.0	-37.1	-50.8	52.6	23.2	-18.4	-14.1	325.5	325.9	0.1	22.3	34.5	232.0
31.2	82.8	9401.8	300.0	-40.4	99.9	53.0	31.5	-25.2	-19.0	328.5	999.9	99.9	99.9	37.2	232.0
32.9	87.2	9990.5	275.0	-43.8	99.9	52.0	34.0	-26.8	-20.9	331.8	999.9	99.9	99.9	40.5	232.0
34.4	92.0	10624.8	250.0	-47.9	99.9	52.3	40.4	-32.0	-24.7	334.9	999.9	99.9	99.9	43.5	232.0
36.0	97.0	11313.2	225.0	-52.1	99.9	53.4	39.8	-31.9	-23.7	338.7	999.9	99.9	99.9	47.6	232.0
37.9	102.5	12067.7	200.0	-56.3	99.9	56.0	40.0	-33.2	-22.4	343.7	999.9	99.9	99.9	52.8	232.0
40.5	108.8	12910.4	175.0	-58.7	99.9	57.0	45.1	-37.8	-24.5	353.1	999.9	99.9	99.9	58.9	233.0
43.4	115.4	13883.0	150.0	-57.8	99.9	57.0	30.0	-30.2	-19.6	370.5	999.9	99.9	99.9	65.5	233.0
46.7	123.0	15026.0	125.0	-60.2	99.9	61.4	29.0	-25.5	-13.9	385.9	999.9	99.9	99.9	71.1	233.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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STATION NO. 363
AMARILLO, TEX

7 MAY 1975
215 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	L COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	1055.7	882.7	14.3	-9.7	280.0	6.2	6.1	-1.1	298.2	304.3	2.1	18.0	0.3	0.
99.9	99.9	99.9	1600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	13.6	1105.6	875.0	16.2	-2.9	260.4	15.3	15.1	2.6	301.0	311.2	3.5	26.8	0.3	105.
1.1	15.6	1415.5	850.0	15.0	-4.0	264.8	14.5	14.5	1.3	302.3	312.7	3.4	26.8	0.9	91.
2.1	17.6	1666.8	825.0	12.5	-6.1	267.4	14.3	14.2	0.6	302.2	310.8	3.0	26.9	1.7	89.
3.1	19.8	1923.5	800.0	10.1	-8.1	265.4	15.1	15.1	1.2	302.2	309.3	2.6	26.9	2.5	88.
4.1	21.7	2186.2	775.0	7.8	-9.6	255.4	14.0	13.5	3.5	302.5	309.5	2.4	27.9	3.4	86.
5.0	24.0	2455.1	750.0	5.5	-11.4	250.3	15.3	14.4	5.2	302.8	309.2	2.1	28.3	4.2	84.
5.9	26.1	2731.2	725.0	3.2	-13.3	237.0	14.6	12.3	8.0	303.2	308.9	1.9	28.5	5.0	80.
7.0	28.4	3014.5	700.0	0.9	-13.9	226.2	16.3	11.7	11.3	303.7	309.3	1.9	31.8	5.9	76.
8.1	30.8	3305.6	675.0	-1.2	-14.1	224.5	20.4	14.3	14.5	304.6	310.3	1.9	36.6	6.9	72.
9.3	33.4	3676.1	650.0	-1.7	-19.1	232.7	22.8	18.2	13.8	307.2	311.2	1.3	24.9	8.3	66.
10.2	35.8	3917.1	625.0	-3.8	-21.6	237.6	22.6	19.0	12.1	308.2	311.6	1.1	23.5	9.7	65.
11.4	38.4	4237.9	600.0	-6.0	-23.9	236.6	24.0	20.1	13.2	309.2	312.2	0.9	22.7	11.3	64.
12.5	40.9	4570.2	575.0	-7.4	-25.2	238.6	24.8	21.2	12.9	311.4	314.2	0.9	22.5	12.8	63.
13.7	43.5	4914.8	550.0	-10.0	-27.3	242.8	25.4	22.6	11.6	312.2	314.6	0.7	22.6	14.7	63.
15.1	46.6	5271.8	525.0	-12.7	-29.5	243.9	25.9	23.2	11.4	313.2	315.3	0.6	22.7	16.8	63.
16.3	49.6	5642.2	500.0	-15.4	-31.9	240.4	27.3	23.7	13.5	314.2	316.0	0.5	22.9	18.8	63.
17.7	52.5	6027.2	475.0	-18.5	-33.7	239.5	30.6	26.4	15.5	315.1	316.7	0.5	24.8	21.0	63.
18.9	55.2	6428.6	450.0	-21.0	-35.7	236.1	30.6	25.4	17.1	316.8	318.2	0.4	25.3	23.5	62.
20.4	58.4	6847.6	425.0	-24.7	-38.8	235.7	31.9	26.4	18.0	317.3	318.4	0.3	25.4	26.0	61.
21.9	61.7	7287.6	400.0	-26.7	-39.8	235.5	29.6	24.4	16.7	320.3	321.3	0.3	27.5	29.0	61.
23.6	65.2	7749.5	375.0	-30.9	-42.4	235.9	38.9	32.2	21.8	320.6	321.4	0.2	31.0	31.6	60.
25.2	68.4	8236.2	350.0	-34.0	-45.6	231.4	26.6	20.8	16.6	322.8	323.5	0.2	29.7	35.8	60.
26.9	72.0	8750.5	325.0	-38.3	-48.6	237.9	33.5	28.4	17.8	323.8	324.3	0.1	32.7	38.0	59.
28.8	76.2	9295.1	300.0	-43.5	99.9	236.8	39.8	33.3	21.8	324.0	999.9	99.9	999.9	43.7	59.
30.5	80.3	9873.0	275.0	-48.5	99.9	233.6	27.3	21.9	16.2	325.0	999.9	99.9	999.9	46.4	59.
32.6	84.6	10496.8	250.0	-51.6	99.9	236.1	29.1	24.1	16.2	329.3	999.9	99.9	999.9	49.6	59.
34.9	89.2	11174.9	225.0	-54.8	99.9	241.0	43.4*	38.0	21.0	334.6	999.9	99.9	999.9	55.5	59.
37.5	94.2	11927.6	200.0	-55.4	99.9	240.5	33.6*	29.2	16.6	345.0	999.9	99.9	999.9	60.4	59.
40.3	99.5	12779.8	175.0	-55.3	99.9	234.8	35.5*	29.0	20.4	358.7	999.9	99.9	999.9	66.9	59.
43.5	105.5	13767.4	150.0	-54.0	99.9	247.1	31.2*	28.7	12.2	377.0	999.9	99.9	999.9	73.0	59.
47.1	112.3	14924.9	125.0	-58.6	99.9	242.7	20.8*	18.5	9.5	388.8	999.9	99.9	999.9	79.2	59.
51.6	120.3	16321.0	100.0	-61.5	99.9	223.9	26.5*	18.4	19.1	409.0	999.9	99.9	999.9	84.7	59.
57.1	130.0	18107.8	75.0	-65.1	99.9	220.1	9.5*	6.1	7.3	436.4	999.9	99.9	999.9	88.8	58.
64.8	141.0	20611.1	50.0	-60.2	99.9	65.8	9.0	-8.2	-3.7	501.7	999.9	99.9	999.9	91.4	57.
76.9	154.0	25001.4	25.0	-53.0	99.9	20.7	3.2	-1.1	-3.0	632.2	999.9	99.9	999.9	89.1	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX

7 MAY 1975
215 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.1	1619.0	830.8	10.9	-11.8	320.0	7.2	4.0	-5.5	299.8	305.3	1.9	19.0	0.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	20.5	1677.6	825.0	10.7	-10.2	319.0	10.1	6.6	-7.6	300.2	306.6	2.2	22.3	0.2	54.
0.9	22.5	1633.0	800.0	8.8	-8.7	314.6	14.3	19.2	-10.0	300.8	308.1	2.5	28.0	0.7	137.
1.7	24.7	2194.4	775.0	6.4	-10.4	305.9	14.5	11.8	-8.5	301.0	307.5	2.2	28.7	1.4	133.
2.6	26.9	2462.0	750.0	4.0	-12.2	299.1	13.0	11.3	-6.3	301.2	307.1	2.0	29.3	2.2	130.
3.4	29.3	2736.3	725.0	1.3	-13.8	295.2	12.6	11.4	-5.4	301.1	306.6	1.8	31.4	2.8	127.
4.3	31.7	3017.4	700.0	-1.4	-15.2	290.3	12.9	12.1	-4.5	301.2	306.2	1.7	32.8	3.4	124.
5.1	34.2	3305.8	675.0	-4.1	-16.6	287.0	12.6	12.0	-3.7	301.3	305.9	1.5	36.8	4.0	122.
6.0	36.6	3602.1	650.0	-6.8	-18.0	279.1	12.2	12.1	-1.9	301.5	305.8	1.4	40.4	4.6	119.
7.0	39.2	3906.9	625.0	-9.2	-18.9	261.8	14.0	13.8	2.0	302.0	306.2	1.4	45.2	5.4	115.
7.9	41.7	4221.3	600.0	-11.6	-20.2	244.1	15.2	13.6	6.6	302.9	306.8	1.3	48.7	6.0	110.
8.9	44.3	4546.1	575.0	-14.2	-21.7	228.3	16.6	12.4	11.1	303.4	307.0	1.2	53.0	6.6	103.
9.8	47.1	4881.6	550.0	-16.9	-23.0	218.1	18.2	11.2	14.3	304.1	307.5	1.1	59.3	7.1	96.
10.7	50.1	5229.3	525.0	-19.4	-24.4	221.8	20.9	13.9	15.6	305.2	308.4	1.0	64.1	7.7	90.
11.7	52.9	5590.2	500.0	-22.1	-26.5	232.9	24.1	19.2	14.6	306.1	308.4	0.7	56.1	8.6	84.
12.6	55.9	5964.8	475.0	-25.7	-31.3	244.5	28.3	25.6	12.2	306.1	308.0	0.6	59.0	10.0	80.
13.9	59.0	6355.6	450.0	-27.3	-36.1	250.3	34.8	32.2	11.7	308.9	310.2	0.4	42.5	12.4	78.
15.4	62.3	6766.2	425.0	-28.8	-41.4	250.5	41.7	39.3	13.9	312.1	312.9	0.2	28.1	15.8	76.
16.9	65.6	7197.9	400.0	-31.6	-43.8	250.0	44.9	42.2	15.3	313.9	314.6	0.2	28.3	19.8	75.
19.6	69.1	7652.4	375.0	-33.5	-46.5	246.7	48.0	44.1	19.0	317.2	317.7	0.2	25.6	24.3	74.
20.4	72.7	8133.7	350.0	-36.7	-49.2	245.5	48.5	44.2	20.0	319.2	319.7	0.1	25.8	29.6	73.
22.2	76.6	8644.2	325.0	-39.9	99.9	246.4	49.0	44.9	19.0	321.7	999.9	99.9	999.9	34.9	72.
24.2	80.6	9186.7	300.0	-43.8	99.9	245.7	50.0*	45.5	20.6	323.6	999.9	99.9	999.9	40.8	71.
26.2	84.8	9765.2	275.0	-48.3	99.9	243.3	46.9*	41.9	21.1	325.3	999.9	99.9	999.9	46.7	70.
28.4	89.2	10389.7	250.0	-49.2	99.9	243.0	48.9*	43.5	22.2	332.9	999.9	99.9	999.9	53.1	69.
31.1	94.2	11077.4	225.0	-51.2	99.9	239.6	33.7*	29.1	17.1	340.0	999.9	99.9	999.9	59.3	68.
34.6	99.2	11845.4	200.0	-49.7	99.9	242.6	36.0*	31.9	16.6	354.1	999.9	99.9	999.9	66.9	68.
38.2	104.8	12722.5	175.0	-50.4	99.9	234.0	24.6*	19.9	14.5	366.7	999.9	99.9	999.9	72.8	57.
42.7	111.0	13724.8	150.0	-53.1	99.9	239.3	18.2*	15.7	9.3	378.6	999.9	99.9	999.9	78.5	60.
47.0	117.8	14889.3	125.0	-56.8	99.9	224.1	18.9*	13.2	13.6	392.2	999.9	99.9	999.9	84.0	65.
52.2	125.8	16306.1	100.0	-57.1	99.9	241.2	30.3*	26.5	14.6	417.4	999.9	99.9	999.9	91.5	64.
58.3	134.7	18108.2	75.0	-61.3	99.9	202.3	6.1*	2.3	5.7	444.3	999.9	99.9	999.9	98.3	63.
67.4	143.7	20638.3	50.0	-58.9	99.9	143.9	4.8	-2.8	3.8	504.7	999.9	99.9	999.9	98.2	63.
82.2	153.3	25042.2	25.0	-54.0	99.9	344.2	3.4	0.9	-3.3	629.7	999.9	99.9	999.9	96.1	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

17

STATION NO. 433
SALEM, ILL.

7 MAY 1975
300 GMT

137 62. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	175.0	990.0	19.7	17.7	50.0	3.6	-2.8	-2.3	295.4	329.2	13.0	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	6.5	306.9	975.0	19.2	16.3	10.2	3.1	-0.6	-3.1	296.1	327.7	12.0	83.0	0.2	185.
1.0	6.5	530.4	950.0	17.6	14.6	17.3	1.8	-0.5	-1.7	296.6	325.8	11.1	82.2	0.2	167.
1.9	10.5	759.0	925.0	18.0	11.5	184.8	2.7	0.2	2.7	299.0	324.0	9.3	66.3	0.2	191.
2.6	12.5	554.0	900.0	17.8	9.7	179.5	2.9	-0.0	2.9	301.0	324.1	8.5	59.1	0.1	210.
3.4	14.7	1234.7	875.0	16.7	8.5	194.1	3.2	0.8	3.1	302.2	324.1	8.0	58.4	0.1	314.
4.2	16.6	1441.3	850.0	15.3	6.9	209.1	3.2	1.6	2.8	303.2	323.7	7.4	57.2	0.2	14.
5.1	18.9	1733.8	825.0	13.4	5.4	193.3	2.5	0.6	2.4	303.7	322.8	6.9	58.3	0.4	14.
5.8	21.0	1591.9	800.0	10.7	4.2	215.4	2.8	1.6	2.3	303.4	321.5	6.5	64.0	0.5	15.
6.6	23.3	2256.3	775.0	9.3	3.7	262.5	4.7	4.7	0.6	304.6	322.8	6.5	68.4	0.6	26.
7.5	28.5	2528.0	750.0	7.6	2.9	269.3	7.4	7.4	0.1	305.6	323.5	6.3	72.4	0.8	50.
8.4	27.8	2806.7	725.0	5.8	2.9	266.1	9.3	9.2	0.6	306.6	325.1	6.5	81.6	1.2	63.
9.3	30.3	3093.8	700.6	4.2	1.7	274.0	11.3	11.2	-0.8	308.0	325.7	6.2	83.5	1.7	70.
10.2	32.8	3385.8	675.0	3.4	-1.9	285.7	13.9	13.4	-3.8	310.1	324.5	4.9	68.1	2.4	79.
11.1	35.4	3695.2	650.3	0.9	-3.0	292.7	16.3	15.0	-6.3	310.6	324.5	4.7	75.3	3.1	87.
12.1	37.9	4009.4	625.0	-1.2	-5.1	298.7	18.0	15.8	-8.6	311.6	324.1	4.2	74.8	4.0	93.
13.0	40.5	4334.2	600.0	-3.3	-9.0	302.6	18.5	15.5	-9.9	312.7	322.5	3.2	64.9	4.9	99.
13.9	43.0	4669.5	575.0	-5.6	-13.0	304.2	18.0	14.9	-10.1	313.8	321.3	2.4	55.5	5.8	103.
14.8	45.9	5016.8	550.0	-8.3	-15.2	304.1	17.0	14.0	-9.5	314.5	321.2	2.2	57.6	6.7	106.
15.7	48.9	5376.6	525.0	-11.1	-11.9	298.5	15.3	13.5	-7.3	315.4	324.4	2.9	93.7	7.6	108.
16.8	51.6	5750.4	500.0	-12.9	-13.9	286.7	15.3	14.7	-4.4	317.6	325.8	2.6	92.5	8.6	109.
18.0	54.8	6140.3	475.0	-14.8	-18.5	286.8	13.0	12.4	-3.7	319.8	325.8	1.9	73.2	9.6	108.
19.3	57.7	6547.7	450.0	-17.7	-23.0	289.6	11.7	11.0	-3.9	321.2	325.6	1.3	63.1	10.5	108.
20.5	61.1	6972.7	425.0	-21.4	-23.1	275.8	14.9	14.8	-1.5	321.7	326.3	1.4	86.0	11.5	108.
21.8	64.6	7417.9	400.0	-24.1	-28.4	268.7	17.6	17.6	0.4	323.7	326.8	0.9	67.7	12.7	106.
23.1	68.3	7885.2	375.0	-27.8	-29.9	256.2	17.3	16.8	4.1	324.8	327.7	0.8	81.9	14.0	104.
24.7	71.4	8377.8	350.0	-31.6	-34.0	250.6	16.8	15.8	5.6	326.2	328.3	0.6	78.8	15.4	101.
26.4	75.3	8898.1	325.0	-35.6	-39.3	250.5	17.7	16.6	5.9	327.6	329.0	0.4	68.2	16.8	98.
29.1	79.5	9449.9	300.0	-40.0	99.9	253.1	21.5	20.6	6.2	329.0	999.9	99.9	999.9	18.7	95.
30.0	82.6	10037.5	275.0	-45.1	99.9	255.7	21.4	20.6	5.3	329.9	999.9	99.9	999.9	21.0	93.
32.1	88.0	11647.2	250.0	-50.0	99.9	259.6	21.7	21.4	3.9	331.8	999.9	99.9	999.9	23.5	91.
34.4	93.0	11347.4	225.0	-55.3	99.9	266.4	26.3	26.3	1.7	333.7	999.9	99.9	999.9	26.6	90.
36.8	98.2	12093.2	200.0	-60.1	99.9	269.3	31.8	31.8	0.4	337.6	999.9	99.9	999.9	30.8	90.
39.3	104.3	12913.4	175.0	-64.0	99.9	269.1	34.8	34.8	0.6	344.3	999.9	99.9	999.9	36.7	90.
42.0	110.3	13857.3	150.0	-63.7	99.9	284.9	23.8	23.0	-6.1	360.4	999.9	99.9	999.9	41.6	90.
46.0	117.3	14978.9	125.0	-63.6	99.9	295.2	22.1	20.0	-9.4	379.8	999.9	99.9	999.9	46.5	93.
51.3	126.0	16362.8	100.0	-58.5	99.9	299.7	17.9	15.5	-8.9	414.7	999.9	99.9	999.9	52.3	96.
59.4	136.0	18150.7	75.0	-61.2	99.9	328.2	3.9	2.0	-3.3	444.6	999.9	99.9	999.9	57.6	99.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DOUG CITY, KAN

7 MAY 1975
230 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	791.0	913.4	15.6	-2.8	200.0	6.2	2.1	5.9	296.8	306.4	3.4	28.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	14.4	917.2	900.0	18.4	-1.9	214.6	17.6	10.0	14.5	301.0	311.6	3.7	25.0	0.5	28.
1.1	16.5	1157.9	875.0	17.0	-3.1	217.3	19.2	11.6	15.3	301.9	312.7	3.5	25.0	1.1	32.
1.9	18.8	1403.9	850.0	15.0	-4.8	222.7	18.2	12.3	13.4	302.3	311.5	3.2	25.1	2.0	36.
2.7	21.0	1655.2	825.0	12.5	-6.9	224.2	16.9	11.8	12.2	302.2	310.3	2.8	25.2	2.9	38.
3.6	23.4	1912.2	800.0	10.3	-8.7	226.1	17.2	12.4	12.0	302.4	309.7	2.5	25.3	3.7	40.
4.4	25.9	2175.1	775.0	7.8	-10.4	228.2	17.3	12.9	11.5	302.5	309.2	2.2	26.0	4.6	41.
5.3	28.2	2443.9	750.0	5.0	-11.9	228.8	17.5	13.2	11.5	302.3	308.4	2.0	26.1	5.5	42.
6.1	30.8	2719.1	725.0	2.5	-13.8	234.1	15.1	12.2	8.8	302.4	307.9	1.8	26.8	6.3	43.
7.0	33.4	3001.5	700.0	0.4	-16.0	237.2	15.5	13.0	8.4	303.1	307.9	1.6	27.8	7.2	45.
8.1	35.9	3292.5	675.0	-1.0	-18.7	236.8	16.7	14.0	9.1	304.7	308.7	1.3	24.6	8.1	46.
9.1	38.7	3593.5	650.0	-1.5	-20.3	226.0	21.9	15.8	15.2	307.4	311.1	1.2	22.2	9.2	47.
10.1	41.3	3905.4	625.0	-2.7	-21.7	219.2	25.0	15.8	19.4	309.5	312.9	1.1	21.6	10.8	46.
11.1	44.2	4227.4	600.0	-5.3	-23.7	216.0	24.8	14.6	20.1	310.1	313.1	0.9	21.7	12.2	45.
12.1	47.3	4560.3	575.0	-7.4	-25.5	217.5	25.6	15.6	20.4	311.4	314.1	0.8	21.8	13.7	44.
13.0	50.3	4905.2	550.0	-9.4	-27.1	221.8	28.0	18.7	20.9	313.0	315.5	0.7	22.0	15.2	44.
14.0	53.3	5262.8	525.0	-12.4	-29.6	223.7	30.8	21.3	22.2	313.6	315.7	0.6	22.1	16.8	44.
15.1	56.3	5633.7	500.0	-15.0	-31.7	222.3	28.5	19.2	21.1	314.8	316.6	0.5	22.3	18.9	44.
16.3	59.4	6019.5	475.0	-17.9	-34.2	221.4	30.8	20.4	23.1	315.8	317.3	0.4	22.5	21.0	43.
17.7	63.0	6421.9	450.0	-20.0	-35.9	219.2	29.4	18.6	22.7	318.1	319.4	0.4	22.6	23.5	43.
19.2	66.3	6843.5	425.0	-22.7	-38.2	220.9	29.7	19.4	22.4	319.8	321.0	0.3	22.8	26.0	43.
21.1	70.0	7285.4	400.0	-26.2	-39.7	223.1	30.7	21.0	22.4	320.9	321.9	0.3	26.8	29.4	43.
22.5	73.6	7748.9	375.0	-29.9	-42.1	219.6	37.1	23.7	28.6	321.9	322.8	0.2	29.2	32.4	43.
24.1	77.7	8236.6	350.0	-33.8	-45.1	220.4	34.5	22.3	26.3	323.1	323.8	0.2	30.6	35.8	42.
25.7	81.6	8752.1	325.0	-37.9	-47.8	221.4	42.4	28.0	31.8	324.3	324.9	0.1	34.1	39.6	42.
27.3	85.9	9298.1	300.0	-42.7	99.9	221.8	39.2	26.2	29.2	325.2	999.9	99.9	999.9	43.8	42.
29.6	90.5	9878.6	275.0	-47.8	99.9	222.0	29.8	20.0	22.3	326.0	999.9	99.9	999.9	48.4	42.
31.9	95.3	10501.4	250.0	-52.0	99.9	220.2	34.4*	22.2	26.2	328.8	999.9	99.9	999.9	52.5	42.
34.7	100.4	11176.5	225.0	-56.7	99.9	218.1	30.5*	18.8	24.0	331.7	999.9	99.9	999.9	58.1	42.
37.6	106.0	11925.0	200.0	-56.4	99.9	225.1	30.8*	21.8	21.7	346.7	999.9	99.9	999.9	63.2	42.
40.9	112.0	12780.0	175.0	-54.9	99.9	222.3	27.6*	18.6	20.4	359.4	999.9	99.9	999.9	68.6	42.
44.5	118.7	13760.4	150.0	-56.6	99.9	218.4	27.7*	17.2	21.7	372.6	999.9	99.9	999.9	73.2	41.
48.9	126.0	14916.5	125.0	-57.3	99.9	224.6	19.3*	13.5	13.7	391.2	999.9	99.9	999.9	79.5	41.
54.1	134.0	16337.8	100.0	-52.8	99.9	253.8	9.9*	9.5	2.8	425.7	999.9	99.9	999.9	87.8	43.
60.6	142.3	18155.9	75.0	-61.5	99.9	251.4	2.9	2.7	0.9	444.1	999.9	99.9	999.9	91.7	43.
69.3	151.3	20677.6	50.0	-61.0	99.9	263.3	0.6	0.6	0.1	499.9	999.9	99.9	999.9	90.4	42.
82.8	160.5	25068.2	25.0	-53.1	99.9	44.7	4.8	-3.4	-3.4	632.3	999.9	99.9	999.9	89.4	43.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN

7 MAY 1975
215 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T GG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	6.9	268.0	972.3	22.2	7.6	120.0	2.6	0.0	2.6	258.7	317.1	6.8	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	9.1	470.2	950.0	23.4	6.3	239.9	10.9	9.4	5.4	301.9	319.5	6.3	33.1	0.4	50.
1.6	11.7	702.1	925.0	22.3	5.0	236.1	10.3	8.6	5.8	302.9	319.5	5.9	32.3	0.9	55.
2.5	13.4	939.1	900.0	19.9	2.4	227.6	12.1	9.0	6.2	302.7	317.0	5.1	31.1	1.4	54.
3.3	15.6	1180.9	875.0	18.0	1.3	216.3	11.5	6.8	9.2	303.1	316.8	4.9	32.6	2.7	51.
4.2	18.3	1427.6	850.0	15.8	-1.0	212.6	13.1	7.0	11.0	303.3	315.3	4.2	31.6	2.7	46.
5.1	20.4	1680.1	825.0	13.5	-0.5	202.4	14.0	5.3	13.0	303.5	316.3	4.5	38.0	3.4	43.
6.0	22.7	1938.1	800.0	10.9	3.1	192.4	14.4	3.1	14.0	303.6	320.5	6.0	58.6	4.1	38.
6.9	25.3	2202.0	775.0	8.6	-2.3	195.1	14.3	3.7	13.8	303.6	316.1	4.4	48.4	4.8	34.
7.9	27.7	2472.6	750.0	7.8	-16.7	195.9	12.7	3.5	12.2	305.2	309.5	1.4	15.7	5.5	31.
8.9	31.3	2751.3	725.0	6.9	-15.8	202.1	15.7	7.4	13.9	307.2	312.0	1.5	17.9	6.3	30.
9.9	33.0	3039.2	700.0	6.0	-11.0	211.6	21.1	11.0	16.0	309.4	316.6	2.4	28.3	7.4	35.
10.9	35.7	3335.6	675.0	3.1	-12.6	210.5	20.6	10.5	17.8	309.4	316.0	2.2	30.4	6.7	30.
11.9	38.4	3639.7	650.0	0.1	-11.3	209.4	21.7	10.6	18.9	309.4	317.1	2.5	42.9	10.0	30.
12.9	41.1	3952.4	625.0	-2.7	-12.8	211.6	22.6	11.9	19.3	309.6	316.6	2.3	45.7	11.4	30.
14.1	44.2	4274.5	600.0	-5.4	-18.6	213.4	21.6	11.9	18.1	310.0	314.6	1.5	34.5	12.9	30.
15.2	47.3	4607.0	575.0	-7.8	-26.9	220.1	19.5	12.6	14.9	310.9	313.3	0.7	19.8	14.3	31.
16.4	50.3	4951.2	550.0	-10.2	-30.0	225.7	20.1	14.4	14.0	312.1	314.0	0.6	17.9	15.6	32.
17.6	53.4	5309.4	525.0	-11.9	-32.7	228.6	21.0	15.8	13.9	314.2	315.7	0.5	15.7	17.2	33.
19.0	56.5	5680.1	500.0	-14.6	-35.6	228.9	22.7	17.1	14.9	315.2	316.5	0.4	14.8	18.9	35.
20.6	62.0	6067.0	475.0	-16.3	-36.9	226.9	25.2	18.4	17.2	317.7	318.9	0.3	14.9	20.9	36.
22.3	63.6	6471.7	450.0	-19.0	-39.0	225.4	22.5	16.0	15.8	319.3	323.3	0.3	15.2	23.3	37.
24.0	67.0	6894.3	425.0	-22.3	-41.8	223.4	21.3	14.6	15.5	320.4	321.2	0.2	15.0	25.8	38.
25.8	70.7	7338.7	400.0	-24.6	-43.6	217.5	20.1	12.2	15.9	323.0	323.7	0.2	15.2	28.0	38.
27.6	74.7	7804.6	375.0	-28.8	-46.8	216.9	16.6	9.9	13.2	323.5	324.0	0.1	15.5	29.8	38.
29.4	78.9	8294.1	350.0	-33.1	-50.3	213.8	16.7	9.3	13.9	324.0	324.4	0.1	15.9	32.0	38.
31.6	83.0	8810.6	325.0	-37.4	-52.4	207.3	16.7	7.7	14.8	325.0	325.4	0.1	19.1	33.9	37.
33.9	87.4	9358.4	300.0	-41.9	99.9	202.5	16.0	7.6	14.0	326.3	999.9	99.9	999.9	36.0	37.
36.4	92.2	9942.0	275.0	-46.4	99.9	193.3	15.3	3.5	14.9	328.0	999.9	99.9	999.9	38.2	36.
39.1	97.2	10566.2	250.0	-52.2	99.9	190.8	16.1	4.7	15.4	328.4	999.9	99.9	999.9	40.2	34.
41.8	102.5	11247.3	225.0	-56.3	99.9	204.6	19.9	8.3	18.1	332.2	999.9	99.9	999.9	43.0	34.
45.3	108.5	11923.9	200.0	-58.7	99.9	219.3	24.8	15.7	19.2	335.8	999.9	99.9	999.9	47.8	34.
48.8	114.8	12916.6	175.0	-59.5	99.9	226.0	23.8	17.1	16.5	351.7	999.9	99.9	999.9	52.8	35.
52.2	121.7	13780.5	150.0	-60.6	99.9	221.9	19.7	13.1	14.6	365.7	999.9	99.9	999.9	57.3	35.
57.1	129.3	14914.0	125.0	-60.0	99.9	238.9	33.4	28.6	17.3	386.3	999.9	99.9	999.9	64.0	37.
63.1	137.7	16323.0	100.0	-55.8	99.9	288.0	16.8	15.9	-5.2	419.9	999.9	99.9	999.9	70.8	41.
70.0	146.0	18119.9	75.0	-63.3	99.9	332.6	8.4	3.9	-7.4	440.2	999.9	99.9	999.9	71.9	44.
80.6	155.3	20640.6	50.0	-59.4	99.9	22.5	2.4	-0.9	-2.2	503.6	999.9	99.9	999.9	74.7	46.
97.0	164.7	25058.6	25.0	-51.1	99.9	318.5	1.8	1.2	-1.3	638.1	999.9	99.9	999.9	68.0	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, COLO

7 MAY 1975
215 GMT

143 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	19.5	1474.0	844.5	6.1	-9.7	270.0	3.1	3.1	0.0	293.4	299.5	2.2	31.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	21.3	1665.4	825.0	5.5	-8.9	239.1	8.0	8.9	4.1	254.7	301.5	2.4	34.4	0.3	60.
1.7	23.7	1915.9	800.0	3.2	-10.1	250.4	8.6	8.1	2.0	254.8	301.2	2.2	37.0	0.7	63.
2.5	25.9	2172.1	775.0	0.7	-11.4	256.1	9.2	8.9	2.2	294.8	300.8	2.1	39.8	1.2	66.
3.4	28.6	2434.1	750.0	-1.9	-12.3	254.9	10.1	9.7	2.6	294.7	300.5	2.0	44.8	1.7	70.
4.2	31.1	2702.3	725.0	-4.5	-13.8	256.1	11.3	11.0	2.7	294.7	300.0	1.8	48.0	2.2	71.
5.2	33.8	2977.5	700.0	-7.1	-15.0	262.5	10.8	10.7	1.4	294.9	299.8	1.7	53.0	2.8	73.
6.1	36.3	3250.1	675.0	-9.4	-17.0	269.3	9.0	9.0	0.1	295.3	299.7	1.5	53.8	3.4	75.
7.1	39.1	3521.5	650.0	-11.8	-19.3	262.6	7.1	7.1	0.9	295.7	299.5	1.3	53.5	3.9	77.
8.2	41.7	3849.7	625.0	-14.2	-21.7	262.4	6.3	6.3	0.8	295.3	299.5	1.1	53.0	4.3	77.
9.3	44.6	4157.7	600.0	-17.2	-24.1	266.7	7.0	7.0	0.4	296.3	299.1	0.9	54.7	4.7	78.
10.3	47.5	4475.3	575.0	-20.0	-25.0	262.8	8.4	8.3	1.1	296.7	299.3	0.9	64.2	5.2	78.
11.4	50.4	4803.3	550.0	-22.6	-28.1	260.6	9.0	8.9	1.5	297.3	299.5	0.7	60.5	5.7	79.
12.4	53.4	5142.4	525.0	-25.8	-30.4	263.8	9.1	9.1	1.0	297.4	299.2	0.6	65.6	6.3	79.
13.4	56.4	5494.2	500.0	-28.2	-33.1	277.1	8.9	8.8	-1.1	298.6	300.1	0.5	63.2	6.8	79.
14.7	59.7	5861.7	475.0	-29.7	-37.0	300.8	8.9	7.6	-4.6	301.3	302.4	0.3	48.6	7.4	82.
16.1	63.1	6245.3	450.0	-32.3	-36.3	327.0	9.0	4.9	-7.5	302.7	303.9	0.4	66.9	7.9	86.
17.3	66.6	6645.9	425.0	-35.6	-38.1	322.5	10.8	6.6	-8.6	303.4	304.5	0.3	77.5	8.3	91.
18.6	70.1	7065.0	400.0	-38.7	-41.4	323.1	12.4	7.5	-9.9	304.6	305.4	0.2	75.4	8.9	95.
20.0	73.8	7506.5	375.0	-40.6	99.9	338.7	15.4	5.6	-14.4	307.9	999.9	99.9	999.9	9.6	101.
21.3	77.8	7973.7	350.0	-43.5	99.9	352.5	13.7	1.8	-13.5	310.1	999.9	99.9	999.9	10.2	107.
23.0	81.7	8469.4	325.0	-47.2	99.9	357.4	16.0	0.7	-16.0	311.6	999.9	99.9	999.9	10.8	115.
24.7	85.9	8994.3	300.0	-49.3	99.9	342.9	9.2	2.7	-8.8	315.9	999.9	99.9	999.9	11.5	121.
26.8	90.4	9569.8	275.0	-45.8	99.9	293.3	9.0	8.2	-3.8	328.9	999.9	99.9	999.9	12.5	122.
29.0	95.2	10206.6	250.0	-44.9	99.9	256.8	10.3	10.0	2.3	339.3	999.9	99.9	999.9	13.6	120.
31.6	100.2	10911.3	225.0	-45.0	99.9	246.7	14.5	13.4	5.7	349.5	999.9	99.9	999.9	15.0	113.
34.6	105.8	11695.7	200.0	-47.3	99.9	243.3	16.8	15.0	7.5	357.9	999.9	99.9	999.9	16.7	106.
38.1	111.7	12577.6	175.0	-49.6	99.9	232.9	13.5	10.8	8.2	368.1	999.9	99.9	999.9	18.9	99.
41.7	118.0	13574.6	150.0	-54.5	99.9	229.4	14.4	11.0	9.4	376.1	999.9	99.9	999.9	20.9	92.
45.9	125.3	14741.5	125.0	-54.2	99.9	212.6	10.8	5.8	9.1	396.9	999.9	99.9	999.9	23.0	88.
51.3	133.3	16171.2	100.0	-54.1	99.9	230.4	7.2	5.6	4.6	423.2	999.9	99.9	999.9	25.3	82.
57.9	141.3	18005.1	75.0	-56.8	99.9	180.3	7.7	0.0	7.7	453.8	999.9	99.9	999.9	26.1	75.
66.9	150.0	20544.2	50.0	-59.2	99.9	139.9	2.0	-1.3	1.5	504.0	999.9	99.9	999.9	26.7	73.
80.6	159.0	24921.9	25.0	-54.5	99.9	23.9	5.6	-2.3	-5.1	627.9	999.9	99.9	999.9	25.5	75.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

7 MAY 1975
226 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	992.9	20.1	18.4	130.0	1.6	-1.2	1.0	295.7	331.0	13.6	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	7.8	338.7	975.0	22.1	20.6	151.6	4.7	-2.2	4.1	299.5	341.5	16.0	91.8	0.2	327.
1.8	10.0	564.8	950.0	20.9	20.3	191.7	8.2	1.7	8.0	307.5	342.8	16.0	96.7	0.5	347.
2.7	12.0	796.0	925.0	19.1	18.2	198.0	11.2	3.5	10.7	300.8	339.1	14.4	94.4	1.0	2.
3.5	14.2	1032.3	900.0	18.2	16.6	199.1	12.7	4.1	12.0	302.1	337.8	13.3	90.1	1.6	9.
4.4	16.2	1274.1	875.0	17.4	11.5	203.7	9.8	4.0	9.0	303.1	339.0	9.8	68.5	2.2	11.
5.4	18.5	1521.5	850.0	15.9	8.5	223.1	10.1	6.9	7.4	303.9	326.6	8.2	61.4	2.7	16.
6.3	20.5	1774.6	825.0	13.7	7.2	221.7	8.4	5.6	6.3	304.1	325.6	7.7	64.5	3.2	20.
7.3	22.8	2033.2	800.0	11.3	6.2	234.1	6.5	5.2	3.8	304.2	325.0	7.5	70.9	3.6	24.
8.2	25.1	2297.8	775.0	9.3	7.3	223.0	7.0	4.8	5.1	304.9	328.0	8.3	87.6	3.9	26.
9.1	27.3	2569.3	750.0	6.9	6.2	216.7	8.9	5.3	7.1	305.1	327.3	8.0	95.8	4.3	27.
10.2	29.8	2948.2	725.0	6.5	4.7	228.4	9.8	7.3	6.5	307.5	328.5	7.4	88.3	4.9	29.
11.2	32.3	3136.0	700.0	4.5	2.0	247.5	9.5	8.8	3.6	308.3	326.3	6.3	83.7	5.5	32.
12.3	34.9	3431.4	675.0	2.2	0.9	268.5	9.6	9.6	0.3	308.9	326.2	6.1	90.9	5.9	36.
13.3	37.2	3737.1	650.0	1.7	-1.6	287.5	10.0	9.6	-3.0	311.6	326.9	5.3	78.7	6.2	41.
14.5	40.0	4052.6	625.0	-0.5	-4.5	305.0	9.4	7.7	-5.4	312.4	325.5	4.4	74.4	6.4	47.
15.8	42.6	4378.4	600.0	-2.5	-9.9	305.4	7.8	6.4	-4.5	313.6	322.9	3.0	57.1	6.5	53.
16.9	45.4	4715.3	575.0	-4.0	-34.6	298.5	10.5	9.2	-5.0	315.4	316.6	0.4	7.2	6.8	58.
18.2	48.3	5064.2	550.0	-6.7	-34.5	301.7	12.2	10.3	-6.4	316.1	317.4	0.4	9.0	7.2	64.
19.5	51.1	5426.0	525.0	-8.3	-37.3	290.8	13.4	12.5	-4.7	318.5	319.5	0.3	7.5	7.8	70.
20.9	54.3	5802.4	500.0	-10.8	-43.7	289.7	13.8	13.0	-4.7	319.9	320.4	0.2	4.7	8.8	74.
22.4	57.3	6194.0	475.0	-14.1	-54.2	293.0	13.5	12.4	-5.2	320.5	320.7	0.1	2.4	9.7	79.
23.6	60.6	6601.6	450.0	-17.6	-48.6	286.5	15.3	14.6	-4.3	321.1	321.4	0.1	4.7	10.7	82.
25.1	64.1	7026.4	425.0	-20.7	-49.3	279.8	17.1	16.8	-2.9	322.4	322.8	0.1	5.6	12.1	84.
26.6	67.4	7472.6	400.0	-23.3	-48.9	278.4	18.3	18.1	-2.7	324.7	325.1	0.1	7.5	13.5	86.
28.4	71.0	7941.9	375.0	-26.4	-52.8	275.4	17.2	17.1	-1.6	326.6	326.9	0.1	6.2	15.4	87.
30.3	75.0	8437.3	350.0	-29.7	-55.6	295.1	19.7	17.8	-8.4	328.6	328.9	0.1	6.0	17.4	89.
31.4	79.2	8959.9	325.0	-34.8	-57.6	294.3	23.0	20.9	-9.5	328.6	328.8	0.0	7.7	18.5	91.
34.3	83.2	9513.6	300.0	-39.3	99.8	291.9	24.1	22.4	-9.0	329.9	999.9	99.9	999.9	22.4	95.
36.3	87.6	10104.1	275.0	-43.7	99.9	289.7	26.1	24.5	-8.8	331.9	999.9	99.9	999.9	25.3	97.
38.6	92.6	10736.7	250.0	-49.1	99.9	253.5	25.9	23.8	-10.3	333.1	999.9	99.9	999.9	28.8	99.
41.2	97.8	11419.6	225.0	-54.7	99.9	290.6	26.6	24.9	-9.4	334.7	999.9	99.9	999.9	32.9	100.
43.8	103.7	12162.7	200.0	-61.0	99.9	291.2	28.7	26.8	-10.4	336.2	999.9	99.9	999.9	36.8	102.
46.7	109.8	12982.5	175.0	-65.4	99.9	292.7	41.1	37.9	-15.8	342.1	999.9	99.9	999.9	43.1	103.
49.8	116.5	13920.5	150.0	-64.3	99.9	289.7	39.9	37.6	-13.4	359.3	999.9	99.9	999.9	50.5	104.
53.3	124.7	15040.2	125.0	-61.4	99.9	304.6	34.7	28.6	-19.7	383.8	999.9	99.9	999.9	58.4	105.
57.6	133.5	16414.4	100.0	-61.9	99.9	301.3	17.3	14.8	-9.0	408.1	999.9	99.9	999.9	63.6	107.
63.3	142.7	18181.2	75.0	-63.7	99.9	310.2	3.8	2.9	-2.5	439.4	999.9	99.9	999.9	67.7	109.
71.2	153.5	20679.9	50.0	-58.6	99.9	64.8	3.9	-3.5	-1.7	505.4	999.9	99.9	999.9	68.0	110.
83.6	164.5	25120.4	25.0	-51.5	99.9	105.6	4.6	-4.5	1.2	636.8	999.9	99.9	999.9	67.5	111.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

7 MAY 1975
310 GMT

129 85. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	362.0	963.4	20.1	8.8	150.0	2.1	-1.0	1.8	297.4	317.4	7.4	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	9.8	483.9	950.0	24.2	7.9	177.4	9.0	-0.4	9.0	302.8	322.4	7.1	35.4	0.3	352.
1.5	11.5	716.7	925.0	22.7	3.6	185.0	8.0	0.7	8.0	303.3	318.4	5.4	28.5	0.7	357.
2.4	13.9	954.2	900.0	21.2	2.1	196.6	7.8	2.2	7.5	304.0	318.1	5.0	28.3	1.1	2.
3.4	15.9	1196.8	875.0	19.0	0.3	213.8	7.9	4.4	6.6	304.2	317.0	4.5	28.4	1.5	9.
4.4	18.2	1444.6	850.0	16.9	-1.5	226.6	11.1	8.0	7.6	304.4	316.0	4.0	28.4	2.1	17.
5.3	20.4	1698.0	825.0	14.8	-3.3	233.0	13.3	10.6	8.0	304.8	315.4	3.7	28.5	2.7	25.
6.5	22.6	1957.0	800.0	12.6	-4.8	239.2	13.6	11.7	6.9	305.0	314.8	3.3	29.2	3.5	33.
7.4	25.7	2221.9	775.0	10.1	-6.0	239.0	14.4	12.4	7.4	305.0	314.3	3.2	31.7	4.2	38.
8.5	27.2	2493.2	750.0	7.5	-7.4	245.9	15.0	13.7	6.1	305.1	313.7	2.9	33.6	5.1	42.
9.5	29.7	2771.2	725.0	4.9	-8.4	251.8	15.9	15.1	5.0	305.2	313.5	2.8	37.4	6.0	47.
10.6	32.2	3056.1	700.0	2.3	-9.9	248.4	17.4	16.2	6.4	305.3	313.0	2.6	39.9	6.9	51.
11.7	34.9	3348.8	675.0	0.2	-13.8	240.5	20.1	17.5	9.9	306.1	312.0	1.9	33.9	8.1	52.
12.6	37.3	3651.4	650.0	1.1	-21.2	241.4	20.9	18.4	10.0	310.4	313.8	1.1	17.0	9.6	54.
14.1	40.1	3966.2	625.0	-0.3	-22.3	241.3	20.5	18.0	9.9	312.2	315.5	1.0	17.1	11.1	55.
15.3	42.7	4291.4	600.0	-2.3	-23.8	239.2	20.1	17.2	10.3	313.6	316.6	0.9	17.3	12.6	55.
16.5	45.6	4627.8	575.0	-4.6	-25.6	238.8	20.3	17.4	10.5	314.6	317.4	0.8	17.4	14.0	56.
17.7	48.6	4975.8	550.0	-7.5	-26.0	237.8	22.4	19.0	12.0	315.3	318.0	0.8	20.9	15.6	56.
18.9	51.4	5335.6	525.0	-10.9	-28.6	233.7	21.5	17.3	12.7	315.4	317.7	0.7	21.6	17.2	56.
20.2	54.5	5708.6	500.0	-13.5	-30.3	232.9	24.0	19.1	14.4	316.7	318.7	0.6	22.6	18.9	56.
21.4	57.6	6096.9	475.0	-16.3	-32.7	236.2	23.1	19.2	12.8	317.8	319.6	0.5	22.7	20.7	56.
22.8	61.0	6500.8	450.0	-19.8	-35.5	237.2	21.9	18.4	11.9	318.4	319.8	0.4	22.9	22.5	56.
24.2	64.4	6922.9	425.0	-22.7	-38.0	236.2	20.4	17.4	10.8	319.9	321.1	0.3	23.1	24.3	56.
25.6	67.9	7364.7	400.0	-26.1	-39.9	237.6	25.3	21.3	13.6	321.0	322.0	0.3	25.8	26.1	56.
27.0	71.3	7827.7	375.0	-30.5	-43.3	235.5	23.9	19.7	13.5	321.1	321.9	0.2	27.2	28.4	56.
28.6	75.3	8313.4	350.0	-35.2	-47.3	236.8	22.6	18.9	12.3	321.3	321.8	0.1	27.4	30.6	56.
30.4	79.5	8825.0	325.0	-38.7	99.9	237.5	27.1	22.9	14.6	323.3	999.9	99.9	999.9	33.0	56.
32.1	83.6	9371.0	300.0	-42.6	99.9	239.0	28.6	24.3	15.2	325.3	999.9	99.9	999.9	36.0	56.
34.1	88.0	9953.3	275.0	-46.5	99.9	236.8	38.0	31.9	20.8	327.9	999.9	99.9	999.9	39.8	56.
36.1	92.8	10580.3	250.0	-50.7	99.9	241.6	41.0	36.0	19.5	330.7	999.9	99.9	999.9	45.0	57.
38.5	97.8	11260.9	225.0	-54.7	99.9	239.0	44.8	38.4	23.1	334.7	999.9	99.9	999.9	51.5	57.
40.9	103.3	12011.1	200.0	-55.8	99.9	241.5	43.3	38.0	20.6	344.4	999.9	99.9	999.9	57.3	57.
43.2	109.3	12855.0	175.0	-58.9	99.9	247.4	32.8	30.3	12.6	352.8	999.9	99.9	999.9	63.1	58.
46.1	115.6	13823.1	150.0	-59.0	99.9	245.9	37.5	34.3	15.3	368.5	999.9	99.9	999.9	69.1	59.
49.3	123.0	14963.6	125.0	-60.1	99.9	243.0	26.5	23.6	12.0	386.2	999.9	99.9	999.9	75.5	59.
52.7	130.9	16346.0	100.0	-64.8	99.9	236.0	21.5	17.8	12.0	402.6	999.9	99.9	999.9	81.2	59.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

7 May 1975

1200 GMT

153-173
~~153-173~~

STATION NO. 232
BOOTHVILLE, LA

7 MAY 1975
1115 GMT

165 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.4	5.4	1.0	1011.0	23.2	22.4	140.0	2.1	-1.3	1.6	297.7	342.2	17.1	95.0	0.0	..
0.4	6.3	97.2	1009.0	23.8	23.2	163.6	9.3	-2.6	4.9	299.4	346.9	18.2	96.2	0.2	329.
1.5	8.6	319.5	975.0	23.0	22.3	165.7	11.0	-2.7	10.6	300.7	347.3	17.7	96.3	0.8	339.
2.3	10.9	546.2	950.0	21.2	20.5	172.9	11.8	-1.5	11.7	300.8	343.7	16.2	96.6	1.3	343.
3.2	13.3	777.7	925.0	19.6	18.8	176.7	9.9	-0.6	9.8	301.4	341.1	14.9	94.8	2.0	347.
4.2	15.8	1014.0	900.0	19.1	7.7	180.3	8.7	0.0	8.7	302.2	323.1	7.6	49.3	2.5	350.
5.2	18.2	1256.8	875.0	20.0	9.2	180.0	5.9	0.9	5.9	305.7	329.0	8.4	49.9	2.9	352.
6.2	20.6	1506.6	850.0	18.9	9.9	215.8	6.9	4.1	5.6	307.1	332.4	9.1	56.0	3.2	355.
7.1	23.1	1762.2	825.0	15.8	13.8	224.4	6.7	4.7	4.8	306.9	340.4	12.2	88.4	3.5	360.
8.2	25.6	2023.7	800.0	14.1	10.9	214.0	7.1	4.0	5.9	307.6	336.3	10.3	80.6	3.9	4.
9.3	28.2	2291.4	775.0	13.3	-9.2	205.9	7.7	3.3	6.9	308.4	315.9	2.5	20.0	4.4	7.
10.4	31.0	2567.1	750.0	13.1	-3.1	214.1	6.9	3.9	5.7	311.3	323.3	4.1	32.2	4.8	9.
11.5	33.8	2851.3	725.0	11.8	-4.8	220.0	9.1	5.9	7.0	312.9	324.0	3.7	30.9	5.2	11.
12.8	36.4	3144.1	700.0	10.9	-13.0	225.7	10.2	7.8	6.6	314.8	321.2	2.0	17.3	5.9	16.
13.8	39.4	3446.1	675.0	8.4	-1.7	243.3	9.9	8.8	4.4	315.7	330.7	5.0	49.2	6.4	19.
15.1	42.1	3756.6	650.0	5.6	-1.4	265.0	10.5	10.5	0.9	316.0	332.0	5.4	60.8	6.9	24.
16.3	45.3	4076.5	625.0	3.3	-6.3	271.5	13.7	13.7	-0.4	316.7	328.3	3.8	49.4	7.2	31.
17.6	48.4	4416.1	600.0	0.4	-5.7	270.1	16.2	16.2	-0.0	317.1	329.7	4.2	64.0	7.9	38.
18.9	51.3	4746.0	575.0	-2.6	-7.4	266.7	18.0	18.0	1.1	317.4	329.5	4.0	72.3	8.8	45.
20.2	54.6	5097.6	550.0	-4.9	-13.8	266.7	21.0	20.9	1.2	318.5	326.0	2.4	49.6	10.0	51.
21.6	57.6	5461.6	525.0	-7.5	-21.1	270.5	23.5	23.5	-0.2	319.6	324.0	1.4	33.0	11.6	56.
23.1	61.1	5839.1	500.0	-10.9	-21.1	269.5	23.6	23.6	0.2	319.9	324.6	1.4	42.5	13.3	61.
24.5	64.6	6230.6	475.0	-14.5	-23.3	269.9	21.2	21.2	0.0	320.1	324.1	1.2	47.3	15.1	65.
26.0	68.0	6640.5	450.0	-14.3	-40.4	274.4	16.3	16.3	-1.3	325.2	326.1	0.2	8.7	16.7	67.
27.6	71.5	7072.8	425.0	-16.3	-41.7	278.6	16.5	16.3	-2.5	328.0	328.8	0.2	9.1	16.0	70.
29.3	75.5	7525.5	400.0	-20.3	-39.4	274.5	17.1	17.0	-1.3	328.6	329.7	0.3	16.2	19.5	72.
31.1	79.5	7999.9	375.0	-24.4	-39.9	269.0	21.9	21.9	0.4	329.3	330.5	0.3	22.0	21.5	74.
33.0	83.5	8498.4	350.0	-28.4	-38.5	270.4	24.4	24.4	-0.2	330.5	331.0	0.4	36.8	24.0	76.
35.0	87.7	9025.4	325.0	-32.7	-41.3	273.5	27.5	27.4	-1.7	331.5	332.7	0.3	41.5	27.1	78.
37.1	92.3	9583.5	300.0	-37.5	-44.9	272.2	29.0	28.9	-1.1	332.5	333.4	0.2	45.2	30.3	79.
39.4	97.1	10177.9	275.0	-42.4	99.9	274.6	30.1	30.0	-2.4	333.9	999.9	99.9	99.9	34.3	81.
41.7	102.0	10814.4	250.0	-48.0	99.9	274.6	33.2	33.1	-2.7	334.7	999.9	99.9	99.9	38.7	83.
44.2	107.5	11502.4	225.0	-51.9	99.9	280.4	33.5	33.0	-6.1	339.0	999.9	99.9	99.9	43.3	84.
46.9	113.3	12258.1	200.0	-55.7	99.9	283.3	34.5	33.6	-7.9	344.5	999.9	99.9	99.9	49.0	86.
49.9	119.5	13099.3	175.0	-60.7	99.9	283.5	38.4	37.3	-8.9	349.8	999.9	99.9	99.9	54.6	88.
53.1	126.3	14052.4	150.0	-63.9	99.9	279.8	38.5	38.0	-6.6	360.1	999.9	99.9	99.9	62.9	90.
56.9	133.7	15155.7	125.0	-67.1	99.9	289.7	30.5	28.7	-10.3	373.6	999.9	99.9	99.9	71.5	92.
61.5	141.0	15494.2	100.0	-70.9	99.9	302.8	20.1	16.9	-10.9	390.8	999.9	99.9	99.9	77.8	93.
67.4	149.1	18188.7	75.0	-73.0	99.9	12.3	3.6	-0.8	-3.5	419.5	999.9	99.9	99.9	82.3	96.
74.9	157.3	23645.7	50.0	-62.5	99.9	84.0	5.6	-5.6	-0.6	496.3	999.9	99.9	99.9	81.6	97.
87.0	165.7	25081.4	25.0	-48.5	99.9	332.1	1.4	0.6	-1.2	645.5	999.9	99.9	99.9	78.8	97.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

7 MAY 1975
1115 GMT

161 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	100.0	998.5	22.8	22.8	170.0	4.2	-0.7	4.1	298.5	344.9	17.8	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	6.5	307.7	975.0	21.4	20.5	274.3	4.3	1.8	3.9	298.8	340.1	15.8	94.6	0.5	360.
1.5	8.6	533.7	950.0	20.8	19.8	188.7	11.1	1.7	11.0	300.4	341.4	15.5	94.1	0.9	4.
2.3	10.5	765.2	925.0	20.1	17.0	188.2	11.2	1.6	11.1	301.7	337.4	13.4	82.4	1.5	6.
3.1	12.6	1001.8	900.0	19.3	12.8	180.1	10.1	0.0	10.1	302.8	331.3	10.5	66.6	2.0	6.
3.9	14.7	1244.4	875.0	19.0	12.2	176.7	8.3	-0.5	6.3	304.9	333.1	10.3	64.4	2.4	4.
4.8	16.7	1493.5	850.0	17.6	10.5	191.7	5.7	1.2	5.6	305.8	332.0	9.4	63.2	2.8	4.
5.6	18.9	1748.2	825.0	15.4	9.1	216.6	5.1	3.0	4.1	306.0	330.6	8.8	66.1	3.0	5.
6.4	21.0	2109.8	800.0	17.7	6.2	262.8	8.6	8.6	1.1	311.0	332.4	7.5	46.8	3.2	10.
7.2	23.1	2280.5	775.0	16.0	-4.0	263.4	11.5	11.4	1.3	311.5	322.5	3.7	24.9	3.4	18.
8.2	25.6	2557.3	750.0	12.9	-8.9	265.9	13.5	13.4	1.0	310.9	318.9	2.6	21.0	3.8	30.
9.3	27.9	2840.6	725.0	11.1	-11.4	264.0	13.5	13.4	1.4	311.9	318.6	2.2	19.3	4.3	39.
10.2	30.4	3131.8	700.0	8.3	-11.4	260.5	13.2	13.0	2.2	311.9	319.0	2.3	23.5	4.9	45.
11.3	33.0	3430.5	675.0	5.8	-12.8	251.8	13.1	12.4	4.1	312.3	318.9	2.1	24.8	5.6	50.
12.3	35.5	3737.8	650.0	2.8	-11.4	244.6	13.9	12.6	6.0	312.4	320.0	2.5	34.3	6.4	52.
13.8	38.1	4053.2	625.0	-0.7	-7.9	247.0	14.1	13.0	5.5	312.1	322.3	3.4	57.9	7.6	54.
15.0	40.7	4378.4	600.0	-3.2	-6.4	251.1	14.5	13.7	4.7	312.9	324.7	3.9	78.5	8.7	56.
16.4	43.4	4715.0	575.0	-4.3	-6.4	265.6	15.1	15.1	1.2	315.4	327.8	4.1	85.4	9.8	58.
17.6	46.3	5064.4	550.0	-6.6	-8.8	274.7	14.8	14.8	-1.2	316.6	327.6	3.6	84.2	10.8	62.
19.0	49.3	5426.7	525.0	-9.0	-11.6	273.2	14.3	14.3	-0.8	317.9	327.2	3.0	81.8	11.8	65.
20.4	52.1	5803.1	500.0	-11.3	-12.7	260.7	14.3	14.1	2.3	319.6	328.6	2.9	89.6	12.9	67.
21.7	55.2	6195.4	475.0	-13.8	-15.3	248.1	14.6	13.6	5.5	321.1	328.9	2.4	88.6	14.0	68.
23.1	58.3	6604.3	450.0	-16.8	-18.3	241.8	15.0	13.3	7.1	322.3	328.8	2.0	88.3	15.3	67.
24.6	61.7	7031.3	425.0	-20.0	-21.5	241.7	15.9	14.0	7.5	323.5	328.8	1.6	87.3	16.6	67.
26.2	65.2	7478.4	400.0	-23.1	-25.0	242.4	18.0	16.0	8.4	325.1	329.3	1.2	84.2	18.3	66.
28.3	68.7	7950.1	375.0	-24.9	-26.8	268.4	20.6	20.6	0.6	328.8	332.6	1.1	83.6	20.5	67.
30.4	72.3	8448.0	350.0	-28.9	-31.3	277.3	25.5	25.3	-3.2	329.8	332.5	0.8	79.6	23.1	71.
32.4	76.3	8973.3	325.0	-33.4	-36.3	279.7	28.3	27.9	-4.8	330.6	332.5	0.5	75.0	26.0	74.
34.4	80.4	9530.3	300.0	-37.9	-41.1	279.5	33.3	32.8	-5.5	331.9	333.2	0.3	71.8	29.4	77.
36.5	84.8	10123.2	275.0	-43.3	99.9	276.7	35.9	35.7	-4.2	332.5	999.9	99.9	99.9	33.6	90.
38.3	89.2	10758.6	250.0	-47.7	99.9	276.3	32.0	31.8	-3.5	335.2	999.9	99.9	99.9	37.1	81.
40.6	94.4	11446.3	225.0	-53.2	99.9	268.5	36.6	36.6	0.9	337.0	999.9	99.9	99.9	41.3	83.
42.7	99.6	12195.7	200.0	-58.6	99.9	265.8	49.0	48.9	3.6	339.9	999.9	99.9	99.9	46.6	83.
44.9	105.5	13025.3	175.0	-63.6	99.9	271.0	40.2	40.2	-0.7	344.9	999.9	99.9	99.9	53.8	84.
47.9	112.0	13960.1	150.0	-66.6	99.9	276.4	42.4	42.2	-4.9	355.4	999.9	99.9	99.9	60.1	85.
52.1	119.3	15060.4	125.0	-67.4	99.9	281.3	40.9	40.1	-8.1	372.9	999.9	99.9	99.9	72.0	87.
56.7	128.0	16427.7	100.0	-66.6	99.9	308.3	18.7	14.7	-11.6	399.1	999.9	99.9	99.9	79.1	89.
63.0	137.3	18144.0	75.0	-68.9	99.9	357.7	9.2	0.4	-9.2	428.5	999.9	99.9	99.9	82.0	92.
72.0	147.5	20610.3	50.0	-62.1	99.9	71.2	11.5	-10.9	-3.7	497.1	999.9	99.9	99.9	80.3	93.
85.9	158.5	25020.6	25.0	-51.6	99.9	117.2	2.8	-2.5	1.3	636.4	999.9	99.9	99.9	76.3	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

7 MAY 1975
1115 GMT

160 29.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	5.0	1006.9	25.0	23.8	170.0	6.2	-1.1	6.1	300.1	349.3	18.8	93.0	0.0	0.
0.3	4.6	65.8	1000.0	24.5	24.0	170.9	8.2	-0.4	8.2	300.2	350.4	19.2	98.9	0.1	356.
0.9	6.5	288.3	975.0	22.8	22.7	166.7	9.7	1.1	9.6	300.5	348.0	18.1	99.8	0.5	358.
1.6	8.7	515.5	950.0	22.2	21.3	196.2	8.8	2.5	8.5	302.0	347.1	17.0	94.7	0.8	5.
2.5	10.9	747.8	925.0	20.5	19.6	201.8	7.9	2.9	7.3	302.4	344.3	15.7	94.3	1.2	10.
3.2	13.0	984.5	900.0	18.2	18.2	205.0	8.9	3.8	8.1	302.3	341.7	14.8	99.6	1.6	13.
4.0	15.3	1226.6	875.0	17.0	17.0	208.5	9.5	4.6	8.4	303.4	341.4	14.2	101.5	2.0	16.
4.7	17.5	1474.3	850.0	15.7	9.9	206.6	14.5	6.5	12.9	303.8	328.9	9.1	68.9	2.5	18.
5.7	19.9	1727.8	825.0	15.4	8.8	202.5	15.5	5.9	14.3	306.0	330.2	8.7	65.0	3.4	20.
6.5	22.1	1989.8	800.0	15.5	12.4	207.5	15.7	7.2	13.9	309.2	341.0	11.4	82.2	4.2	21.
7.3	24.6	2259.2	775.0	13.5	12.4	211.5	16.9	8.8	14.4	309.9	342.8	11.8	93.3	4.9	22.
8.1	27.0	2535.2	750.0	11.5	10.0	216.3	17.4	10.3	14.0	310.4	339.5	10.3	90.2	5.7	24.
9.0	29.5	2819.2	725.0	10.9	1.0	225.5	18.1	12.9	12.7	312.2	329.0	5.7	50.7	6.7	26.
10.0	32.1	3111.4	700.0	8.9	1.9	232.9	18.7	14.9	11.3	313.2	331.7	6.4	62.1	7.7	29.
11.0	34.9	3412.0	675.0	7.9	-13.5	239.7	17.4	15.0	8.8	314.7	321.0	2.0	20.5	8.7	32.
11.9	37.4	3721.6	650.0	5.6	-28.4	252.7	18.8	17.9	5.6	315.4	317.3	0.6	6.5	9.5	36.
12.9	40.3	4040.7	625.0	3.2	-43.4	261.6	22.1	21.9	3.3	316.1	316.6	0.1	1.7	10.5	40.
14.1	43.0	4369.6	600.0	0.9	-29.5	264.0	24.8	24.7	2.6	317.2	319.1	0.5	8.1	11.7	46.
15.3	46.0	4709.5	575.0	-1.9	-30.0	257.1	27.8	27.1	6.2	317.7	319.6	0.5	9.5	13.3	51.
16.4	49.1	5060.8	550.0	-4.9	-26.5	258.8	22.9	22.5	4.5	318.3	321.0	0.8	16.6	15.0	54.
17.7	52.1	5424.9	525.0	-7.3	-54.6	258.0	18.3	17.9	3.8	319.5	319.7	0.0	1.0	16.4	56.
19.0	55.3	5803.1	500.0	-10.0	-56.2	253.3	17.2	16.4	4.9	320.8	321.0	0.0	1.0	17.6	57.
20.3	58.6	6196.6	475.0	-12.7	-57.9	248.9	17.0	15.9	6.1	322.2	322.4	0.0	1.0	19.0	58.
21.9	62.1	6606.8	450.0	-15.2	-59.5	247.7	18.1	16.8	6.9	324.1	324.2	0.0	1.0	20.5	59.
23.3	65.7	7037.0	425.0	-17.8	-61.3	255.4	15.6	15.1	3.9	326.0	326.1	0.0	1.0	22.0	60.
24.9	69.4	7487.0	400.0	-21.8	-47.5	258.8	16.0	15.6	3.1	326.6	327.1	0.1	7.6	23.4	61.
26.5	73.2	7959.4	375.0	-25.7	-36.6	255.9	17.7	17.1	4.3	327.5	329.1	0.4	35.2	24.9	62.
28.2	77.3	8454.6	350.0	-30.2	-38.8	261.2	16.8	16.6	2.6	328.0	329.4	0.4	42.4	26.7	63.
30.0	81.5	8978.0	325.0	-34.1	-38.3	259.1	21.0	20.6	4.0	329.6	331.2	0.4	65.3	28.5	64.
31.9	86.0	9532.7	300.0	-39.0	99.9	258.0	25.3	24.7	5.3	330.5	999.9	99.9	999.9	31.2	66.
33.9	90.8	10123.4	275.0	-44.0	99.9	256.5	29.8	28.9	7.0	331.5	999.9	99.9	999.9	34.6	67.
36.3	95.8	10754.8	250.0	-49.6	99.9	254.1	29.2	28.1	8.0	332.3	999.9	99.9	999.9	38.8	68.
38.9	101.3	11437.8	225.0	-53.5	99.9	259.3	30.6	30.1	5.7	336.5	999.9	99.9	999.9	43.5	69.
41.8	107.5	12187.4	200.0	-57.3	99.9	260.7	35.3	34.9	5.7	342.0	999.9	99.9	999.9	48.8	70.
45.0	114.0	13029.2	175.0	-58.2	99.9	257.5	40.3	39.4	8.7	353.9	999.9	99.9	999.9	55.7	71.
48.6	121.0	13994.2	150.0	-61.8	99.9	264.2	30.3	30.1	3.0	363.7	999.9	99.9	999.9	63.6	72.
52.9	129.0	15115.7	125.0	-64.2	99.9	283.3	20.8	20.3	-4.8	378.7	999.9	99.9	999.9	72.1	74.
57.5	137.3	16456.8	100.0	-72.8	99.9	275.6	18.4	18.3	-1.8	387.1	999.9	99.9	999.9	75.7	76.
63.3	146.0	18143.9	75.0	-72.9	99.9	220.5	1.5	1.0	1.2	420.0	999.9	99.9	999.9	79.9	77.
70.9	155.0	20587.8	50.0	-63.3	99.9	152.6	4.1	-1.9	3.7	494.4	999.9	99.9	999.9	79.3	77.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

7 MAY 1975

1115 GMT

159 20 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	79.0	997.6	22.8	21.6	180.0	3.2	0.0	3.2	298.4	341.6	16.6	93.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	6.4	280.0	975.0	22.9	22.2	238.7	2.4	2.1	1.3	300.5	346.6	17.5	95.7	0.3	11.0
1.5	8.4	507.2	950.0	21.9	21.2	228.1	7.5	5.6	5.0	301.7	346.6	16.9	95.6	7.5	25.0
2.2	10.3	739.5	925.0	20.8	20.0	237.0	9.3	7.8	5.0	302.7	345.6	16.1	95.3	0.9	37.0
3.1	12.3	976.9	900.0	19.0	18.1	247.0	8.2	7.6	3.2	303.0	342.4	14.7	94.5	1.3	46.0
4.0	14.4	1219.3	875.0	17.2	16.4	245.8	8.4	7.7	3.5	303.5	340.0	13.6	94.7	1.7	51.0
4.9	16.4	1467.4	850.0	16.5	15.6	241.7	7.9	7.0	3.8	305.2	341.2	13.3	94.6	2.2	54.0
5.8	18.5	1721.8	825.0	14.5	13.6	237.1	9.0	7.6	4.9	305.6	338.4	12.0	94.3	2.6	54.0
6.7	20.7	1982.3	800.0	13.4	12.4	239.3	10.5	9.0	5.4	307.0	339.5	11.5	93.9	3.2	55.0
7.8	22.9	2250.1	775.0	12.9	10.6	237.3	11.8	9.9	6.4	309.0	336.2	10.5	86.3	3.9	56.0
8.7	25.2	2526.0	750.0	11.3	8.9	233.9	12.5	10.1	7.4	310.2	337.2	9.6	84.7	4.5	56.0
9.5	27.4	2809.1	725.0	9.2	7.4	236.7	13.3	11.1	7.3	310.8	336.3	9.0	88.5	5.2	55.0
10.5	29.6	3095.8	700.0	7.6	4.2	241.2	15.5	13.6	7.5	311.9	333.4	7.5	79.3	6.0	56.0
11.5	32.2	3399.7	675.0	6.4	-0.6	239.0	16.1	13.8	8.3	313.6	329.6	5.5	60.8	7.0	57.0
12.4	34.7	3708.2	650.0	3.7	-6.8	235.4	16.7	13.7	9.5	313.6	324.5	3.6	46.6	7.9	57.0
13.5	37.1	4026.2	625.0	3.9	-47.5	237.5	17.2	14.5	9.3	316.9	317.2	0.1	1.0	9.0	57.0
14.6	39.8	4356.6	600.0	2.1	-48.7	237.7	20.5	17.3	11.0	318.5	318.8	0.1	1.0	10.3	57.0
15.7	42.3	4698.5	575.0	-0.1	-50.0	237.2	19.4	16.3	10.5	319.9	320.1	0.1	1.0	11.6	57.0
17.0	45.2	5052.0	550.0	-3.3	-52.0	239.0	20.4	17.5	10.5	320.2	320.4	0.1	1.0	13.1	57.0
18.2	48.1	5417.5	525.0	-6.4	-54.0	240.1	21.3	18.4	10.6	320.6	320.8	0.0	1.0	14.6	57.0
19.4	50.9	5796.5	500.0	-9.7	-56.0	244.6	22.9	20.7	9.8	321.2	321.3	0.0	1.0	16.2	58.0
20.6	54.0	6190.4	475.0	-12.0	-57.5	245.6	22.4	20.4	9.3	323.1	323.2	0.0	1.0	17.9	58.0
21.9	57.3	6602.2	450.0	-14.4	-59.0	246.4	20.0	18.3	8.0	325.1	325.2	0.0	1.0	19.5	59.0
23.1	60.4	7032.9	425.0	-17.8	-61.3	250.5	19.3	18.2	6.4	326.0	326.1	0.0	1.0	20.9	60.0
24.5	63.9	7482.5	400.0	-21.9	-63.9	252.1	19.9	19.0	6.1	326.4	326.5	0.0	1.0	22.4	60.0
25.8	67.3	7953.6	375.0	-25.8	-66.4	254.8	21.0	20.2	5.5	327.3	327.4	0.0	1.0	24.0	61.0
27.3	70.9	8448.6	350.0	-30.4	-61.7	260.4	21.8	21.5	3.6	327.6	327.7	0.0	3.0	25.9	63.0
28.8	74.8	8971.1	325.0	-34.5	-53.4	262.6	26.9	26.6	3.5	329.1	329.4	0.1	12.5	27.9	64.0
30.5	79.2	9525.6	300.0	-39.0	99.9	255.5	31.9	30.9	8.0	330.4	999.9	99.9	999.9	30.7	65.0
32.5	83.4	10116.1	275.0	-44.0	99.9	255.7	31.6	30.6	7.8	331.5	999.9	99.9	999.9	34.6	66.0
34.5	87.8	10752.5	250.0	-46.6	99.9	269.9	27.7	27.7	6.0	336.8	999.9	99.9	999.9	38.0	68.0
37.0	93.0	11443.0	225.0	-51.7	99.9	279.1	22.6	22.3	-3.6	339.3	999.9	99.9	999.9	42.1	70.0
39.1	98.4	12197.6	200.0	-57.8	99.9	284.7	20.9	20.3	-5.3	341.3	999.9	99.9	999.9	43.9	72.0
41.7	104.3	13032.5	175.0	-61.4	99.9	269.9	28.2	28.2	0.0	348.5	999.9	99.9	999.9	47.4	74.0
44.4	111.0	13980.6	150.0	-65.0	99.9	265.6	27.4	27.4	2.1	358.1	999.9	99.9	999.9	52.1	75.0
47.8	118.7	15085.2	125.0	-67.3	99.9	258.8	36.7	36.0	7.2	373.2	999.9	99.9	999.9	59.1	76.0
52.4	127.7	16437.6	100.0	-66.6	99.9	260.2	27.5	27.1	4.7	399.1	999.9	99.9	999.9	68.8	75.0
57.4	138.0	18154.7	75.0	-69.7	99.9	314.3	3.0	2.2	-2.1	426.8	999.9	99.9	999.9	72.3	76.0
66.0	149.0	20627.9	50.0	-58.5	99.9	39.5	7.9	-5.0	-6.1	505.7	999.9	99.9	999.9	70.1	76.0
78.1	160.0	25048.0	25.0	-49.1	99.9	122.5	3.2	-2.7	1.7	643.5	999.9	99.9	999.9	66.9	76.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

7 MAY 1975
1115 GMT

164 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCY	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	7.0	1003.6	24.4	22.7	360.0	0.0	0.0	0.0	299.6	345.6	17.6	90.0	0.0	0.
0.1	5.0	38.6	1000.0	24.3	23.3	219.9	17.9	11.5	13.7	299.9	347.8	18.3	94.3	0.5	260.
0.7	6.9	261.5	975.0	23.6	23.4	216.0	15.4	9.1	12.4	301.5	351.4	19.0	99.1	3.3	282.
1.4	9.1	483.4	950.0	22.3	22.1	177.9	7.3	-7.3	7.3	302.3	349.8	18.0	98.8	0.5	342.
2.3	11.2	722.0	925.0	20.5	20.3	157.4	6.0	-2.3	5.5	302.5	346.3	16.5	98.5	0.9	343.
3.1	13.5	960.0	900.0	22.0	14.2	139.5	4.8	-3.2	3.6	305.8	337.6	11.7	64.5	1.1	347.
3.9	15.6	1206.4	875.0	24.5	4.6	149.2	4.2	-2.1	3.6	310.1	327.8	6.1	27.8	1.3	336.
4.7	17.9	1459.7	850.0	24.1	2.4	184.7	6.2	0.5	6.2	312.1	327.8	5.4	24.3	1.5	336.
5.5	20.2	1719.7	825.0	22.2	-6.9	199.9	6.5	2.2	6.1	312.6	324.9	4.2	20.4	1.8	344.
6.4	22.3	1985.2	800.0	20.4	-37.5	208.9	7.3	3.5	6.4	312.9	313.5	0.2	1.0	2.1	350.
7.2	25.0	2257.7	775.0	18.6	-0.7	217.8	8.3	5.1	6.6	314.5	328.5	4.7	27.2	2.4	356.
8.1	27.3	2537.8	750.0	16.7	-9.3	217.6	9.5	5.8	7.6	315.1	322.9	2.5	15.9	2.7	4.
9.1	29.9	2825.2	725.0	14.4	-4.2	206.7	10.2	4.6	9.1	315.2	327.6	3.9	27.5	3.3	9.
10.0	32.5	3120.5	700.0	12.1	-2.0	200.5	10.1	3.5	9.4	316.5	330.7	4.7	37.4	3.8	11.
11.1	35.2	3423.8	675.0	9.5	-0.6	208.1	11.2	5.3	9.9	317.0	333.3	5.5	49.2	4.5	12.
12.2	37.8	3735.6	650.0	7.5	-8.8	220.2	13.7	8.9	10.5	317.9	327.2	3.0	30.2	5.3	16.
13.2	40.5	4057.3	625.0	4.9	-8.1	226.0	14.0	10.0	9.7	318.5	328.8	3.3	38.1	6.1	20.
14.4	43.2	4388.7	600.0	2.2	-9.7	221.9	12.3	8.2	9.1	319.0	328.6	3.1	40.9	6.9	23.
15.4	46.2	4730.9	575.0	-0.6	-10.3	217.7	10.3	6.3	8.1	319.6	329.1	3.0	47.8	7.6	24.
16.6	49.3	5083.9	550.0	-4.2	-11.0	218.2	9.3	5.7	7.3	319.5	328.9	3.0	59.1	8.2	25.
17.7	52.1	5449.0	525.0	-7.5	-13.3	221.0	10.4	6.8	7.9	319.6	327.9	2.6	63.4	8.9	26.
19.0	55.3	5827.3	500.0	-10.4	-18.3	231.4	12.9	10.1	8.1	320.5	326.4	1.8	51.9	9.7	26.
20.1	58.5	6220.5	475.0	-12.6	-28.2	242.8	14.6	13.0	6.7	322.4	325.1	0.8	26.0	10.6	31.
21.5	62.0	6631.3	450.0	-14.8	-59.3	249.2	13.3	12.5	4.7	324.6	324.7	0.0	1.0	11.5	34.
22.9	65.4	7062.1	425.0	-17.3	-60.9	250.6	13.5	12.8	4.5	326.7	326.8	0.0	1.0	12.4	37.
24.4	69.0	7513.1	400.0	-20.5	-58.2	248.3	16.9	15.7	6.3	328.3	328.4	0.0	1.9	13.5	40.
26.0	72.7	7987.9	375.0	-24.1	-59.2	241.5	20.5	18.0	9.8	329.7	329.8	0.0	2.3	15.2	43.
27.6	76.6	8487.3	350.0	-28.0	-40.7	240.6	24.3	21.2	11.9	330.9	332.1	0.3	28.4	17.3	45.
29.3	80.6	9014.3	325.0	-32.5	-37.7	242.0	25.5	22.5	11.9	331.8	333.5	0.4	59.5	19.8	47.
31.3	85.0	9573.2	300.0	-36.8	-41.7	242.0	25.9	22.9	12.2	333.4	334.6	0.3	60.2	22.8	49.
33.2	89.3	10169.0	275.0	-42.1	99.9	243.7	31.0	27.8	13.7	334.3	999.9	99.9	999.9	25.9	51.
35.5	94.4	10807.0	250.0	-47.0	99.9	245.5	32.9	30.0	13.6	336.2	999.9	99.9	999.9	30.0	53.
37.9	99.4	11494.7	225.0	-52.1	99.9	249.2	34.6	32.3	12.3	337.1	999.9	99.9	999.9	34.9	55.
40.4	105.0	12247.4	200.0	-54.9	99.9	239.4	39.1	33.6	19.9	345.9	999.9	99.9	999.9	40.4	56.
43.3	111.0	13092.0	175.0	-59.5	99.9	242.7	40.6	36.0	18.6	351.7	999.9	99.9	999.9	46.9	57.
46.8	118.0	14046.6	150.0	-64.7	99.9	251.2	41.3	39.1	13.3	358.6	999.9	99.9	999.9	55.7	58.
50.5	125.5	15155.7	125.0	-67.3	99.9	257.1	22.2	21.6	5.0	373.2	999.9	99.9	999.9	62.2	61.
54.9	134.0	16464.7	100.0	-73.1	99.9	222.6	19.6	13.3	14.4	386.4	999.9	99.9	999.9	66.9	60.
60.3	143.0	18145.8	75.0	-76.4	99.9	215.5	9.3	5.4	7.6	412.8	999.9	99.9	999.9	70.3	58.
68.7	153.5	20605.2	50.0	-59.8	99.9	86.2	2.5	-2.5	-0.2	502.5	999.9	99.9	999.9	67.4	58.
80.7	164.0	25045.2	25.0	-51.3	99.9	104.6	1.5	-1.5	0.4	637.0	999.9	99.9	999.9	65.5	58.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX

MAY 1975
1115 GMT

165 20. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	33.0	1001.5	24.6	24.3	140.0	1.5	-1.0	1.1	309.2	351.1	19.5	98.0	0.0	0.
0.7	5.4	46.3	1000.0	24.5	24.2	999.9	99.9	99.9	99.9	307.3	351.1	19.4	98.3	999.9	999.
0.8	7.4	269.1	975.0	23.3	23.3	999.9	99.9	99.9	99.9	301.1	350.5	18.8	100.9	999.9	999.
1.6	9.6	496.9	950.0	22.6	22.4	999.9	99.9	99.9	99.9	302.5	350.8	18.2	98.9	999.9	999.
2.4	11.6	730.0	925.0	21.4	20.8	146.1	4.6	-2.6	3.9	303.5	348.7	17.0	96.2	0.5	340.
3.3	13.9	967.9	900.0	21.6	13.5	147.2	2.9	-1.6	2.5	305.3	335.3	11.0	60.7	0.8	337.
4.1	16.0	1212.9	875.0	22.5	4.0	121.3	2.4	-2.0	1.2	307.9	324.7	5.9	30.0	0.9	335.
5.0	18.4	1464.7	850.0	23.0	-35.9	133.5	2.5	-1.8	1.7	310.3	311.0	0.2	1.0	1.0	329.
5.9	20.6	1723.4	825.0	21.9	-36.6	151.5	0.7	-0.5	-0.4	311.8	312.5	0.2	1.0	1.1	328.
6.9	23.0	1988.1	800.0	19.6	-37.9	325.0	3.2	1.8	-2.6	312.1	312.7	0.2	1.0	1.0	325.
7.8	25.4	2260.1	775.0	18.2	-38.8	290.8	5.4	5.0	-1.9	313.4	314.0	0.2	1.0	0.7	332.
8.8	27.8	2538.8	750.0	15.9	-33.6	205.8	7.5	7.5	0.5	313.9	314.9	0.3	2.1	0.6	6.
9.7	30.3	2824.6	725.0	13.3	-32.5	247.6	8.6	8.0	3.3	314.1	315.3	0.3	2.6	0.9	36.
10.7	32.9	3118.2	700.0	11.5	-33.0	247.9	8.4	7.8	3.2	315.3	316.5	0.3	2.8	1.3	45.
11.7	35.5	3420.2	675.0	8.6	-33.9	256.1	7.9	7.7	1.9	315.3	316.4	0.3	3.1	1.8	53.
12.7	38.2	3730.2	650.0	5.9	-30.2	249.4	8.7	8.1	3.1	315.7	317.3	0.5	5.3	2.2	58.
13.6	40.8	4049.6	625.0	3.5	-27.7	237.4	10.3	8.7	5.6	316.5	318.7	0.6	8.0	2.8	59.
14.6	43.3	4378.7	600.0	0.6	-12.7	230.5	12.0	9.3	7.6	317.1	325.3	2.7	40.3	3.4	58.
15.7	46.9	4718.9	575.0	-2.2	-5.3	231.2	14.1	11.0	8.9	318.0	331.6	4.5	79.1	4.3	56.
16.8	49.9	5070.6	550.0	-5.2	-7.6	229.2	15.4	11.7	10.1	318.4	337.4	3.9	83.1	5.3	55.
17.9	52.8	5434.8	525.0	-8.0	-9.9	232.0	16.3	12.9	10.1	319.2	329.8	3.4	86.2	6.3	54.
19.1	55.8	5812.2	500.0	-11.2	-12.2	228.9	20.7	15.8	13.3	319.7	329.1	3.0	92.0	7.6	54.
20.4	59.1	6203.4	475.0	-15.1	-18.8	228.9	21.9	16.5	14.4	319.5	325.4	1.8	73.0	9.2	53.
21.6	62.7	6610.1	450.0	-17.8	-34.2	231.9	21.7	17.0	13.4	320.9	322.9	0.6	28.1	10.9	52.
22.9	66.0	7036.6	425.0	-19.4	-62.2	240.1	21.7	18.8	10.8	324.1	324.2	0.0	1.0	12.5	53.
24.2	69.8	7484.1	400.0	-22.3	-64.5	246.1	20.4	18.6	8.2	325.2	325.3	0.0	1.0	14.2	54.
25.8	73.4	7954.8	375.0	-25.8	-48.0	247.6	23.5	21.7	8.9	327.3	327.8	0.1	10.4	16.2	56.
27.3	77.5	8449.5	350.0	-30.8	-41.5	252.5	26.1	24.9	7.8	327.2	328.3	0.3	33.7	18.3	57.
29.1	81.6	8971.7	325.0	-34.6	-40.4	249.3	31.0	29.0	11.0	328.9	330.1	0.3	55.3	21.3	59.
31.0	85.9	9525.7	300.0	-38.9	-42.3	248.1	35.1	32.6	13.1	330.5	331.6	0.3	69.5	25.1	61.
33.3	90.6	10115.9	275.0	-44.2	99.9	246.5	35.9	32.9	14.3	331.2	999.9	99.9	999.9	29.9	62.
35.8	95.5	10748.1	250.0	-49.0	99.9	247.9	40.3	37.3	15.2	333.3	999.9	99.9	999.9	35.8	63.
38.6	100.8	11434.0	225.0	-53.0	99.9	250.3	41.2	38.8	13.9	337.4	999.9	99.9	999.9	42.1	64.
41.4	106.5	12185.6	200.0	-56.9	99.9	247.0	45.5	41.9	17.8	342.7	999.9	99.9	999.9	49.5	65.
44.9	112.8	13029.4	175.0	-57.5	99.9	246.0	40.5	37.0	16.5	355.1	999.9	99.9	999.9	59.0	65.
48.5	119.7	13996.5	150.0	-61.3	99.9	252.7	37.2	35.5	11.1	364.6	999.9	99.9	999.9	67.2	65.
52.8	127.3	15124.9	125.0	-62.6	99.9	246.8	19.9	18.3	7.9	381.7	999.9	99.9	999.9	76.2	66.
57.9	136.0	16475.6	100.0	-70.1	99.9	225.4	18.9	13.5	13.3	392.4	999.9	99.9	999.9	82.2	65.
64.1	145.0	18157.3	75.0	-74.6	99.9	205.3	7.1	3.0	6.4	416.4	999.9	99.9	999.9	85.8	65.
73.1	155.5	20600.9	50.0	-61.4	99.9	85.9	3.7	-3.7	-0.3	498.8	999.9	99.9	999.9	84.0	64.
87.6	167.0	25022.0	25.0	-50.6	99.9	42.3	9.4	-6.3	-6.9	639.1	999.9	99.9	999.9	82.1	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

1-9

STATION NO. 260
STEPHENVILLE, TEX

7 MAY 1975
1115 GMT

155 20. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	399.0	961.0	12.7	10.8	185.0	1.5	0.1	1.5	290.2	312.3	6.5	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.3	10.5	498.4	950.0	20.7	15.3	5.0	4.4	-0.4	-4.4	299.7	333.8	11.7	72.1	0.3	5.
1.2	12.7	729.8	925.0	21.4	13.7	999.9	99.9	99.9	99.9	302.7	331.8	10.7	61.3	999.9	999.
2.7	15.3	967.1	900.0	21.1	10.5	999.9	99.9	99.9	99.9	304.5	329.2	8.9	50.7	999.9	999.
2.7	17.1	1210.3	875.0	20.0	-3.8	999.9	99.9	99.9	99.9	305.0	314.6	3.3	19.7	999.9	999.
3.6	19.5	1459.1	850.0	18.5	-5.0	999.9	99.9	99.9	99.9	305.9	315.1	3.1	19.8	999.9	999.
4.4	21.7	1713.7	825.0	16.5	-6.5	999.9	99.9	99.9	99.9	306.5	314.9	2.8	19.5	999.9	999.
5.4	24.2	1974.4	800.0	14.6	-8.1	999.9	99.9	99.9	99.9	307.0	314.8	2.6	20.1	999.9	999.
6.2	26.5	2241.4	775.0	12.4	-9.2	999.9	99.9	99.9	99.9	307.5	314.9	2.5	21.1	999.9	999.
7.1	29.0	2515.3	750.0	11.2	-8.6	262.7	7.8	7.7	1.0	309.1	317.1	2.7	24.0	1.1	114.
8.1	31.7	2797.5	725.0	9.3	-9.2	239.6	9.4	8.1	4.8	310.0	317.9	2.6	26.0	1.5	98.
9.0	34.3	3087.2	700.0	7.2	-9.7	234.3	11.6	9.5	5.8	310.8	318.7	2.6	28.8	1.9	87.
10.0	36.9	3385.0	675.0	5.1	-10.7	234.7	14.5	11.8	8.4	311.6	319.3	2.5	30.9	2.6	78.
11.0	39.5	3691.8	650.0	2.8	-11.8	237.4	17.1	14.4	9.2	312.4	319.7	2.4	33.2	3.5	72.
12.0	42.3	4007.8	625.0	0.3	-13.8	240.2	18.2	15.8	9.1	313.1	319.6	2.1	33.6	4.6	69.
13.1	45.3	4333.3	600.0	-2.6	-15.1	243.0	18.4	16.4	8.3	313.3	319.5	2.0	37.5	5.8	67.
14.3	48.3	4669.0	575.0	-5.5	-17.8	244.6	17.5	15.8	7.5	313.7	319.9	1.6	37.2	7.1	67.
15.4	51.1	5016.1	550.0	-8.3	-21.6	239.1	17.6	15.1	9.0	314.3	319.3	1.2	33.4	8.3	66.
16.6	54.3	5375.6	525.0	-10.3	-29.1	230.2	19.3	14.9	12.4	316.1	318.2	0.6	19.5	9.5	65.
17.8	57.3	5745.2	500.0	-13.5	-30.9	230.2	20.6	15.8	13.2	316.6	318.5	0.6	21.3	10.9	63.
19.1	60.6	6137.5	475.0	-16.2	-34.7	233.0	25.5	20.3	15.3	318.0	319.4	0.4	18.4	12.6	61.
20.4	64.0	6542.7	450.0	-18.4	-37.3	231.6	28.7	22.5	17.8	320.1	321.3	0.3	17.0	14.8	60.
21.8	67.4	6967.2	425.0	-20.5	-43.0	234.2	29.9	23.4	16.9	322.6	323.4	0.2	11.3	17.1	59.
23.3	70.9	7413.3	400.0	-23.8	-43.5	236.4	31.8	26.5	17.6	324.0	324.7	0.2	14.2	19.9	58.
24.9	74.7	7880.9	375.0	-27.5	-46.4	237.4	34.5	29.1	18.6	325.1	325.7	0.2	14.6	23.0	58.
26.6	78.9	8373.6	350.0	-31.3	-49.3	241.3	38.5	33.8	18.5	326.5	326.9	0.1	14.9	26.9	58.
28.5	82.8	8893.3	325.0	-36.0	-51.8	240.1	38.0	33.0	19.0	327.0	327.4	0.1	17.5	31.1	59.
30.5	87.0	9444.1	300.0	-40.6	99.9	237.4	37.9	32.0	20.4	328.2	999.9	99.9	999.9	35.9	59.
32.8	91.5	10031.7	275.0	-44.4	99.9	237.6	44.9	37.9	24.0	330.9	999.9	99.9	999.9	41.5	59.
35.1	96.2	10664.3	250.0	-48.7	99.9	243.0	45.6	40.6	20.7	333.7	999.9	99.9	999.9	47.1	59.
37.8	101.2	11351.0	225.0	-52.6	99.9	244.9	48.1	43.6	20.4	338.0	999.9	99.9	999.9	55.6	60.
40.7	106.8	12105.2	200.0	-56.1	99.9	243.8	48.0*	43.0	21.2	343.9	999.9	99.9	999.9	63.9	60.
44.1	112.8	12955.1	175.0	-56.9	99.9	250.0	38.6*	36.3	13.2	356.1	999.9	99.9	999.9	72.4	61.
47.6	119.3	13927.5	150.0	-58.1	99.9	245.0	46.8*	42.4	19.7	369.9	999.9	99.9	999.9	82.4	62.
51.7	126.3	15075.7	125.0	-57.4	99.9	239.9	37.0*	32.0	18.5	391.1	999.9	99.9	999.9	92.1	62.
56.8	134.7	16461.7	100.0	-63.2	99.9	245.7	21.9*	19.9	9.0	405.6	999.9	99.9	999.9	102.9	62.
62.5	142.7	18198.8	75.0	-69.8	99.9	224.1	4.4*	3.0	3.1	426.6	999.9	99.9	999.9	137.0	62.
70.4	151.7	20670.2	50.0	-60.7	99.9	136.9	4.6	-3.2	3.4	500.5	999.9	99.9	999.9	104.5	61.
83.5	161.3	25110.7	25.0	-49.7	99.9	999.9	99.9	99.9	99.9	642.3	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

7 MAY 1975
1115 GMT

162 25. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	8.6	314.0	969.5	22.6	19.8	80.0	2.6	-2.6	-0.5	300.4	340.5	15.2	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	10.4	451.6	950.0	21.8	20.7	195.3	3.8	1.0	3.7	301.6	345.1	16.5	93.4	0.4	284.
1.5	12.7	724.1	925.0	21.6	20.7	157.8	6.9	-2.6	6.3	303.7	348.9	16.9	94.8	0.5	319.
2.3	15.1	562.3	900.0	19.9	18.6	159.2	7.5	-2.7	7.0	304.0	344.9	15.2	92.6	0.9	322.
3.4	17.4	1206.2	875.0	19.9	14.2	158.5	9.3	-3.4	8.6	306.1	338.4	11.8	69.7	1.3	328.
4.3	20.0	1456.2	850.0	18.2	14.6	164.3	10.1	-2.7	9.7	306.8	340.8	12.4	79.5	1.9	332.
5.2	22.3	1712.1	825.0	15.8	14.3	170.4	9.9	-1.0	9.8	307.0	341.4	12.5	90.4	2.4	335.
6.1	25.0	1973.3	800.0	13.5	11.8	182.1	10.2	0.4	10.1	307.0	337.4	11.0	89.4	2.9	339.
7.2	27.4	2241.1	775.0	12.2	5.6	198.6	11.4	3.0	10.8	308.0	329.7	7.7	67.0	3.5	345.
8.0	30.1	2516.3	750.0	13.0	0.2	222.3	11.3	7.6	8.4	311.4	327.2	5.4	43.2	4.1	350.
9.1	32.5	2800.9	725.0	12.1	-13.5	245.4	11.9	10.8	4.9	313.0	318.8	1.9	15.2	4.3	355.
10.2	35.7	3093.3	700.0	9.6	-13.8	247.8	11.7	10.8	4.4	313.3	319.2	1.9	17.7	4.7	9.
11.3	38.4	3393.3	675.0	6.7	-13.8	245.8	11.0	10.0	4.5	313.4	319.5	1.9	21.5	5.1	16.
12.5	41.3	3701.2	650.0	3.7	-13.3	242.2	10.4	9.2	4.9	313.4	320.0	2.1	27.5	5.6	22.
13.6	44.3	4018.1	625.0	0.8	-13.0	235.3	11.2	9.2	6.4	313.6	320.6	2.3	34.9	6.2	26.
14.8	47.4	4344.3	600.0	-2.3	-12.0	224.1	14.6	10.2	10.5	313.8	321.6	2.5	47.3	7.1	29.
16.2	50.4	4681.1	575.0	-4.2	-14.7	218.0	19.7	12.2	15.6	315.4	322.1	2.2	43.9	8.4	30.
17.4	53.6	5030.9	550.0	-5.2	-35.9	222.3	23.8	16.0	17.6	317.9	319.0	0.3	7.0	10.1	32.
18.7	56.6	5393.9	525.0	-8.3	-52.3	229.8	23.6	18.0	15.2	318.4	318.7	0.1	1.4	12.0	34.
20.0	60.0	5769.9	500.0	-11.5	-52.4	232.4	22.6	17.9	13.8	318.9	319.1	0.1	1.8	13.6	36.
21.3	63.7	6160.8	475.0	-14.5	-52.9	231.3	24.9	19.4	15.5	320.0	320.2	0.1	2.2	15.3	38.
22.6	67.1	6569.7	450.0	-15.7	-59.9	231.7	24.4	19.2	15.1	323.4	323.5	0.0	1.0	17.2	40.
24.1	70.8	6997.9	425.0	-19.2	-62.1	231.5	25.4	19.9	15.8	324.3	324.4	0.0	1.0	19.4	41.
25.8	74.7	7445.1	400.0	-23.2	-64.7	230.1	26.5	20.3	17.0	324.8	324.9	0.0	1.0	22.0	42.
27.5	78.8	7913.7	375.0	-27.2	-59.0	230.8	29.7	23.0	18.8	325.5	325.6	0.0	3.1	25.0	43.
29.3	82.5	8406.3	350.0	-31.4	-57.2	238.4	31.8	27.1	16.7	326.4	326.5	0.0	5.8	28.1	44.
31.1	87.0	8926.4	325.0	-35.5	-52.8	241.9	36.8	32.5	17.4	327.7	328.0	0.1	14.9	31.7	46.
33.0	91.8	9477.2	300.0	-40.7	99.9	238.7	38.6	33.0	20.1	328.1	999.9	99.9	999.9	36.0	48.
35.1	96.6	10063.8	275.0	-45.2	99.9	238.3	41.2	35.1	21.6	329.8	999.9	99.9	999.9	40.6	49.
37.2	101.6	10696.5	250.0	-48.3	99.9	243.0	43.0	38.3	19.5	334.3	999.9	99.9	999.9	46.0	51.
39.7	107.3	11382.9	225.0	-53.5	99.9	242.9	41.5	36.9	18.9	336.5	999.9	99.9	999.9	52.4	52.
42.3	113.0	12130.7	200.0	-59.1	99.9	244.2	44.5	40.0	19.4	339.3	999.9	99.9	999.9	59.0	53.
45.2	119.3	12969.0	175.0	-58.3	99.9	242.3	44.6	39.5	20.8	353.7	999.9	99.9	999.9	66.6	54.
48.6	126.3	13943.4	150.6	-57.9	99.9	241.5	47.2*	41.5	22.5	370.3	999.9	99.9	999.9	75.6	55.
52.4	134.0	15088.5	125.0	-59.2	99.9	237.3	24.1*	20.3	13.0	387.8	999.9	99.9	999.9	84.4	56.
56.8	141.7	16453.8	100.0	-67.8	99.9	230.4	22.6*	17.4	14.4	396.8	999.9	99.9	999.9	91.5	55.
62.1	150.3	18149.0	75.0	-73.8	99.9	189.6	6.0*	1.0	5.9	418.1	999.9	99.9	999.9	96.6	55.
69.7	159.5	20614.3	50.0	-62.5	99.9	90.0	9.4	-9.4	0.1	496.3	999.9	99.9	999.9	99.6	55.
81.4	169.0	25022.1	25.0	-51.7	99.9	999.9	99.9	99.9	99.9	636.1	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

7 MAY 1975
1115 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	873.0	910.9	9.4	-0.5	240.0	3.2	2.8	1.6	290.7	301.9	4.1	50.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.4	975.3	900.0	17.8	3.2	267.9	3.2	3.2	0.1	300.6	316.4	5.7	40.8	0.1	69.
1.2	14.5	1216.3	875.0	18.1	-3.7	278.7	3.8	3.8	-0.6	303.0	312.7	3.3	22.5	0.3	81.
2.0	16.5	1463.2	850.0	16.0	-5.3	261.6	4.6	4.5	-1.9	303.4	312.2	3.0	22.6	0.5	90.
2.9	18.4	1715.9	825.0	14.6	-6.5	274.5	5.2	5.2	-0.4	304.4	312.8	2.9	22.7	0.7	95.
3.9	20.8	1975.0	800.0	13.0	-7.9	267.6	7.9	7.9	0.3	305.3	313.2	2.7	22.7	1.1	93.
4.8	23.1	2240.5	775.0	11.0	-8.4	252.9	8.6	8.3	2.5	305.9	313.7	2.6	24.7	1.6	89.
5.4	25.4	2512.7	750.0	8.3	-9.4	243.5	8.2	7.4	3.7	305.9	313.4	2.5	27.4	2.0	85.
6.7	27.7	2791.1	725.0	5.5	-10.0	237.5	6.9	5.8	3.7	305.8	313.2	2.5	31.6	2.4	79.
7.7	30.1	3076.6	700.0	2.9	-9.5	229.0	7.7	5.8	5.0	306.0	313.9	2.6	39.4	2.8	76.
8.8	32.7	3370.2	675.0	0.9	-9.6	215.6	10.0	5.8	8.1	307.0	315.2	2.7	45.1	3.3	71.
9.9	35.3	3672.4	650.0	-1.5	-9.5	206.6	12.2	5.5	10.9	307.6	316.2	2.9	54.4	3.9	64.
11.0	37.8	3983.7	625.0	-3.6	-7.9	207.0	15.8	7.2	14.0	308.8	318.8	3.4	71.9	4.6	56.
12.1	40.4	4305.6	600.0	-5.6	-9.6	211.6	19.4	10.2	16.5	310.0	319.2	3.1	73.4	5.7	51.
13.2	43.0	4638.1	575.0	-7.9	-11.6	215.6	22.8	13.3	18.5	311.0	319.3	2.7	74.5	7.0	48.
14.4	45.9	4982.3	550.0	-10.3	-20.8	220.7	24.0	15.7	18.2	312.0	316.2	1.3	41.8	8.7	46.
15.6	48.9	5339.3	525.0	-12.8	-27.9	229.5	26.1	19.9	17.0	313.0	315.5	0.7	26.8	10.6	45.
16.8	51.6	5710.0	500.0	-15.2	-32.1	233.8	27.6	22.3	16.3	314.5	316.2	0.5	21.9	12.4	47.
18.1	54.9	6095.5	475.0	-17.8	-34.3	234.5	28.6	23.3	16.6	315.9	317.4	0.4	22.0	14.6	48.
19.3	57.9	6497.4	450.0	-21.3	-35.3	239.3	27.3	23.5	13.9	316.5	317.9	0.4	26.9	16.7	49.
20.9	61.1	6915.6	425.0	-25.4	-37.9	241.1	28.2	24.7	13.6	316.4	317.6	0.3	29.9	19.1	50.
22.5	64.7	7352.7	400.0	-28.5	-40.6	240.2	32.6	28.3	16.2	317.9	318.8	0.3	29.0	22.0	52.
24.2	68.1	7812.6	375.0	-31.6	-44.0	238.3	34.9	29.7	18.3	319.7	320.4	0.2	28.0	25.3	53.
25.9	71.7	8299.8	350.0	-33.2	-46.7	239.7	41.6	35.9	21.0	323.9	324.5	0.2	24.1	29.3	54.
27.6	75.7	8815.8	325.0	-37.4	-50.3	242.2	44.7	39.5	20.9	325.0	325.4	0.1	24.3	33.6	54.
29.5	80.0	9343.5	300.0	-41.8	99.9	241.3	44.9	39.4	21.6	326.5	999.9	99.9	999.9	39.0	55.
31.8	84.2	9948.0	275.0	-45.6	99.9	240.8	45.8	40.0	22.4	329.2	999.9	99.9	999.9	45.0	56.
34.1	88.8	10576.6	250.0	-50.4	99.9	237.8	49.0*	41.4	26.1	331.1	999.9	99.9	999.9	51.4	57.
36.8	94.0	11257.4	225.0	-54.7	99.9	236.8	49.8*	41.7	27.2	334.7	999.9	99.9	999.9	59.2	57.
39.8	99.4	12010.4	200.0	-55.7	99.9	236.2	49.3*	42.4	25.2	344.5	999.9	99.9	99.9	68.4	57.
43.0	105.3	12859.8	175.0	-56.0	99.9	240.4	39.4*	34.3	15.5	357.4	999.9	99.9	999.9	76.8	57.
46.6	111.7	13835.0	150.0	-58.1	99.9	248.7	36.6*	34.1	13.3	370.0	999.9	99.9	99.9	84.8	58.
50.7	119.0	14991.1	125.0	-58.2	99.9	230.4	28.9*	22.3	18.4	364.7	999.9	99.9	999.9	92.9	58.
56.1	127.7	16364.0	100.0	-65.7	99.9	235.2	27.7*	22.7	15.8	400.8	999.9	99.9	999.9	103.9	58.
61.8	137.0	18099.5	75.0	-67.7	99.9	261.0	2.8*	2.8	0.4	431.1	999.9	99.9	999.9	110.4	58.
70.7	147.0	20590.4	50.0	-59.8	99.9	81.7	4.2*	-4.1	-0.6	502.7	999.9	99.9	999.9	108.1	57.
85.1	158.0	25038.0	25.0	-48.8	99.9	240.3	5.9	5.1	2.9	644.4	999.9	99.9	999.9	104.6	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

14P

STATION NO. 270
EL PASO, TEX

7 MAY 1975
1115 GMT

145 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	16.4	1193.0	879.0	11.4	-14.3	320.0	2.6	1.7	-2.0	245.4	299.7	1.4	15.0	0.0	0.0
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	16.7	1231.2	875.0	12.4	-11.2	237.0	0.2	0.1	0.1	296.9	302.5	1.9	18.2	0.2	79.0
0.8	19.1	1474.0	850.0	11.7	-10.0	296.3	2.3	2.0	-1.0	298.7	304.9	2.1	20.7	0.3	137.0
1.4	21.4	1722.6	825.0	9.5	-11.8	303.4	10.0	8.3	-5.5	298.9	304.4	1.9	20.8	0.5	132.0
2.1	23.8	1976.7	800.0	7.6	-13.4	292.8	13.4	12.4	-5.2	299.5	304.5	1.7	20.9	1.0	127.0
2.8	26.0	2237.4	775.0	6.7	-14.1	274.1	14.1	14.0	-1.0	301.2	306.2	1.7	20.9	1.6	118.0
3.5	28.7	2505.7	750.0	4.7	-14.2	256.8	17.0	16.5	3.9	301.9	307.0	1.7	23.8	2.4	105.0
4.7	31.3	2780.8	725.0	2.7	-12.9	248.7	16.7	15.5	6.1	302.6	308.5	2.0	30.6	3.3	97.0
5.9	34.0	3063.5	700.0	1.0	-16.6	247.8	18.6	17.2	7.0	303.7	309.3	1.5	25.4	4.4	88.0
7.3	36.4	3355.8	675.0	0.5	-22.0	257.6	17.9	17.5	3.9	306.3	309.4	1.0	16.5	5.8	85.0
8.4	39.3	3657.3	650.0	-1.5	-23.5	259.0	18.5	18.2	3.5	307.4	310.2	0.9	16.7	7.0	84.0
9.5	41.9	3968.3	625.0	-3.7	-25.2	259.1	20.0	19.7	3.8	308.3	310.8	0.8	16.8	8.3	83.0
10.4	44.8	4289.2	600.0	-6.1	-27.1	259.3	19.8	19.5	3.7	309.1	311.3	0.7	17.0	9.4	82.0
11.3	47.8	4620.7	575.0	-8.6	-29.1	258.1	20.4	20.0	4.2	309.9	311.9	0.6	17.2	10.5	82.0
12.3	50.7	4963.5	550.0	-11.3	-31.2	255.8	21.5	20.8	5.3	310.7	312.4	0.5	17.4	11.7	82.0
13.3	53.8	5318.4	525.0	-14.1	-33.4	251.3	23.0	21.8	7.4	311.5	313.0	0.4	17.6	13.1	81.0
14.4	56.6	5687.0	500.0	-16.4	-28.3	246.7	23.8	21.9	9.4	313.0	315.6	0.3	17.3	14.6	80.0
15.8	60.0	6070.8	475.0	-18.8	-32.3	246.1	28.1	25.7	11.4	314.7	316.5	0.5	29.1	16.7	78.0
17.1	63.3	6471.4	450.0	-22.2	-33.6	242.3	28.5	25.2	13.3	315.3	317.0	0.5	34.7	18.9	76.0
18.6	66.7	6888.4	425.0	-26.2	-35.6	241.3	30.6	26.8	14.7	315.4	316.9	0.4	40.4	21.3	74.0
19.9	70.2	7323.6	400.0	-30.4	-36.5	241.1	30.5	26.7	14.7	315.5	316.9	0.4	54.5	23.9	73.0
21.4	73.7	7779.1	375.0	-33.3	-42.3	240.9	33.6	29.4	16.4	317.4	318.3	0.2	40.1	26.5	72.0
23.0	77.7	8261.1	350.0	-36.6	-44.8	243.6	36.5	32.7	16.2	319.3	320.1	0.2	41.9	29.9	71.0
24.6	81.5	8770.3	325.0	-39.8	99.9	242.8	40.1	35.6	18.3	321.9	999.9	99.9	999.9	33.5	70.0
26.5	85.7	9313.8	300.0	-43.2	99.9	243.4	48.2	43.1	21.6	324.6	999.9	99.9	999.9	38.5	69.0
28.5	90.0	9896.4	275.0	-46.4	99.9	243.4	50.6	45.2	22.7	328.0	999.9	99.9	999.9	44.3	68.0
30.6	94.6	10522.4	250.0	-51.4	99.9	243.2	52.2*	46.6	23.5	329.7	999.9	99.9	999.9	50.8	68.0
32.9	99.2	11200.1	225.0	-55.5	99.9	242.7	55.8*	49.6	25.6	333.4	999.9	99.9	999.9	57.9	67.0
35.7	104.4	11946.3	200.0	-57.5	99.9	241.7	49.6*	43.7	23.5	341.8	999.9	99.9	999.9	65.9	66.0
38.7	110.2	12791.1	175.0	-57.4	99.9	245.5	33.0*	30.1	13.7	355.2	999.9	99.9	999.9	74.5	66.0
42.0	116.0	13761.4	150.0	-58.4	99.9	244.4	42.9*	38.7	18.6	369.4	999.9	99.9	999.9	82.3	66.0
46.2	123.0	14998.6	125.0	-58.4	99.9	245.4	36.6*	33.3	15.2	399.2	999.9	99.9	999.9	91.5	66.0
51.2	130.5	16321.5	100.0	-57.5	99.9	251.5	14.3*	13.6	4.6	416.7	999.9	99.9	999.9	99.1	66.0
56.7	139.7	18084.1	75.0	-69.1	99.9	214.4	2.9*	1.0	2.4	428.1	999.9	99.9	999.9	102.9	65.0
64.5	146.7	20584.6	50.0	-61.7	99.9	112.0	5.3*	-4.9	2.0	498.2	999.9	99.9	999.9	103.7	65.0
76.6	155.3	25002.7	25.0	-51.9	99.9	3.8	2.2	-0.1	-2.2	635.8	999.9	99.9	999.9	101.2	65.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

1/2 3

STATION NO. 327
NASHVILLE, TENN

7 MAY 1975
1115 GMT

160 18. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	180.0	989.6	16.6	16.6	150.0	3.6	-1.8	3.1	292.2	323.4	12.1	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	7.7	307.6	975.0	17.8	17.6	292.4	3.6	3.3	-1.4	294.9	329.0	13.1	98.4	0.4	347.
1.3	9.9	530.6	950.0	17.3	16.1	256.7	3.4	3.3	0.8	296.4	328.6	12.3	92.7	0.4	10.
2.3	11.9	758.9	925.0	16.5	13.7	255.1	2.8	2.7	0.7	297.6	326.2	10.8	83.8	0.5	31.
3.4	13.9	992.2	900.0	15.5	11.9	235.1	2.4	2.0	1.4	298.8	325.1	9.8	79.5	0.6	40.
4.5	15.9	1231.3	875.0	14.0	11.7	202.4	2.6	1.0	2.4	299.6	326.4	10.0	86.3	0.8	40.
5.8	18.1	1475.4	850.0	11.7	9.1	115.0	0.9	-0.9	0.4	299.5	322.9	8.6	84.2	0.9	34.
7.0	20.4	1725.5	825.0	11.1	7.1	315.5	1.4	1.0	-1.0	301.4	322.5	7.7	76.1	0.8	36.
8.2	22.5	1982.6	800.0	10.1	6.4	253.5	2.0	1.9	0.6	302.9	323.8	7.6	77.5	0.9	43.
9.3	24.9	2245.8	775.0	7.1	4.0	239.3	3.3	2.9	1.7	302.3	320.7	6.6	80.3	1.0	45.
10.3	27.1	2515.3	750.0	5.8	4.2	253.0	6.8	6.5	2.0	303.7	323.0	6.9	89.4	1.3	49.
11.5	29.6	2793.1	725.0	4.6	3.0	259.9	9.8	9.7	1.7	305.4	323.9	6.6	88.9	1.9	58.
12.6	32.2	3078.4	700.0	2.6	1.8	254.3	10.3	9.9	2.8	306.2	324.0	6.3	94.5	2.5	64.
13.6	34.8	3372.3	675.0	0.6	0.3	248.5	10.1	9.4	3.7	307.0	323.6	5.8	97.8	3.2	65.
14.8	37.2	3675.0	650.0	-0.6	-0.9	257.0	9.7	9.5	2.2	309.0	325.0	5.5	97.8	3.8	66.
16.1	40.0	3988.2	625.0	-2.3	-2.6	264.6	10.0	10.0	0.9	310.5	325.3	5.1	97.7	4.6	69.
17.4	42.6	4312.4	600.0	-3.8	-4.1	269.3	10.8	10.8	0.1	312.4	326.3	4.7	97.5	5.4	71.
18.8	45.4	4648.0	575.0	-5.4	-5.9	272.1	10.2	10.2	-0.4	314.1	327.0	3.3	96.7	6.2	74.
20.3	48.4	4996.1	550.0	-7.5	-8.2	271.3	10.2	10.2	-0.2	315.6	327.0	3.8	95.0	7.1	77.
21.7	51.3	5357.4	525.0	-9.5	-10.3	266.8	9.6	9.6	0.5	317.4	327.6	3.3	93.6	7.9	78.
23.0	54.4	5733.1	500.0	-12.0	-13.0	256.6	12.1	11.7	2.0	318.7	327.5	2.8	92.0	8.7	78.
24.4	57.5	6124.4	475.0	-14.3	-15.5	258.2	14.2	13.9	2.9	320.5	328.2	2.4	90.4	9.9	78.
25.7	60.9	6532.8	450.0	-16.8	-18.3	263.8	15.7	15.6	1.7	322.3	328.8	2.0	88.1	11.1	78.
27.3	64.4	6960.0	425.0	-19.8	-21.5	268.5	18.6	18.5	0.5	323.8	329.1	1.6	85.6	12.6	79.
28.7	67.9	7407.4	400.0	-23.0	-25.3	270.4	21.6	21.6	-0.2	325.2	329.3	1.2	81.2	14.4	80.
30.3	71.5	7877.3	375.0	-26.6	-29.5	270.0	22.8	22.8	-0.0	326.4	329.4	0.9	76.7	16.3	82.
31.7	75.5	8371.8	350.0	-30.5	-33.7	263.2	26.9	26.7	3.2	327.6	329.8	0.6	73.3	18.5	82.
33.2	79.8	8894.5	325.0	-34.5	-38.2	261.3	27.0	26.7	4.1	329.1	330.7	0.4	68.6	20.9	82.
34.8	84.0	9448.7	300.0	-39.3	-43.1	256.6	27.0	26.3	6.2	329.9	330.9	0.3	66.7	23.5	82.
36.5	88.4	10038.8	275.0	-44.1	-49.9	251.2	29.2	27.6	9.4	331.3	331.9	99.9	99.9	26.2	81.
38.0	93.4	10670.5	250.0	-49.7	-59.9	244.7	33.2	30.0	14.2	332.1	332.1	99.9	99.9	29.1	80.
39.9	98.8	11350.2	225.0	-56.2	-69.9	243.3	33.7	30.1	15.1	332.4	332.4	99.9	99.9	32.6	78.
42.0	104.3	12087.8	200.0	-62.4	-79.9	248.8	34.5	32.2	12.5	334.0	334.0	99.9	99.9	36.9	77.
44.0	110.6	12898.5	175.0	-68.4	-89.9	254.1	42.0	40.4	11.5	337.0	337.0	99.9	99.9	41.8	76.
46.7	117.3	13833.7	150.0	-61.2	-99.9	287.9	41.8	39.8	-12.8	364.7	999.9	99.9	99.9	49.0	78.
49.8	125.0	14962.7	125.0	-64.2	-99.9	293.7	24.7	22.7	-9.9	378.8	999.9	99.9	99.9	53.5	82.
54.1	133.5	16317.1	100.0	-64.2	-99.9	289.3	27.0	25.5	-8.9	403.8	999.9	99.9	99.9	59.0	84.
59.4	142.3	18078.7	75.0	-64.9	-99.9	325.0	12.2	7.0	-10.0	436.9	999.9	99.9	99.9	63.8	88.
66.7	152.0	20565.7	50.0	-64.2	-99.9	57.5	9.0	-7.6	-4.8	492.3	999.9	99.9	99.9	64.4	90.
79.1	162.0	24938.9	25.0	-52.5	-99.9	209.8	4.6	2.3	4.0	633.8	999.9	99.9	99.9	62.5	90.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK

7 MAY 1975
1115 GMT

164 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	79.0	999.3	17.8	14.5	180.0	1.5	0.0	1.5	292.4	319.6	10.5	81.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	8.5	291.6	975.0	20.6	16.8	175.9	7.3	-0.5	7.2	297.6	330.4	12.5	78.9	0.2	356.
1.3	10.9	517.4	950.0	22.6	14.7	190.0	5.2	0.9	5.1	301.6	331.2	11.2	61.2	0.4	358.
2.1	13.5	749.7	925.0	21.4	14.7	237.0	4.1	3.4	2.2	302.7	332.5	11.0	62.8	0.6	10.
2.9	15.9	987.2	900.0	20.9	11.6	262.5	3.5	3.5	0.5	304.3	330.7	9.6	55.3	0.7	23.
3.7	18.6	1230.6	875.0	19.3	9.6	266.8	5.4	5.4	0.3	305.0	328.9	8.6	53.6	0.8	38.
4.4	21.1	1475.1	850.0	16.9	8.9	250.9	6.7	6.3	2.2	305.0	328.5	8.5	59.0	1.0	48.
5.1	23.8	1733.3	825.0	14.9	9.1	238.0	5.9	5.0	3.1	305.6	330.1	8.9	68.1	1.3	52.
5.9	26.3	1993.1	800.0	12.5	9.7	227.1	7.2	5.3	4.9	305.7	332.0	9.5	83.0	1.6	51.
6.7	29.2	2259.6	775.0	11.3	6.9	230.7	8.5	6.6	5.4	307.0	329.7	8.1	74.5	2.0	50.
7.5	32.1	2533.0	750.0	9.2	5.0	234.2	8.7	7.0	5.1	307.5	328.3	7.4	75.3	2.4	51.
8.3	35.1	2813.3	725.0	6.6	1.8	234.4	9.3	7.6	5.4	307.4	324.7	6.0	71.7	2.8	52.
9.0	37.8	3101.0	700.0	5.1	-2.9	236.5	10.3	8.6	5.7	308.7	321.7	4.4	56.3	3.2	52.
9.9	40.7	3397.0	675.0	3.1	-4.4	243.3	10.1	9.0	4.5	309.7	321.8	4.1	57.5	3.8	53.
10.6	43.8	3701.9	650.0	0.9	-3.8	252.9	9.5	9.1	2.8	310.5	323.7	4.5	71.3	4.2	54.
11.7	46.9	4016.1	625.0	-1.2	-4.9	261.3	12.0	11.9	1.8	311.6	324.1	4.2	75.8	4.7	56.
12.6	50.2	4341.2	600.0	-2.7	-11.6	259.0	15.9	15.6	3.0	313.3	321.3	2.6	50.3	5.5	61.
13.8	53.3	4677.2	575.0	-5.3	-14.5	256.8	19.2	18.7	4.4	314.1	320.8	2.2	48.2	6.8	64.
14.9	56.6	5024.5	550.0	-7.8	-17.0	257.1	19.5	19.0	4.4	315.0	320.9	1.8	47.8	8.0	66.
16.0	60.0	5385.3	525.0	-9.5	-38.9	251.9	21.2	20.1	6.6	317.0	317.9	0.2	6.9	9.3	67.
17.2	63.7	5760.6	500.0	-12.0	-28.6	247.6	24.3	22.5	9.3	318.5	320.9	0.7	23.7	10.9	68.
18.5	67.1	6151.1	475.0	-14.5	-25.4	248.8	25.5	23.8	9.2	320.1	323.7	1.1	41.6	12.9	68.
20.0	70.9	6552.7	450.0	-17.6	-26.7	249.4	27.1	25.4	9.5	321.2	324.4	1.0	45.0	15.3	68.
21.6	74.8	6985.1	425.0	-19.8	-43.8	249.0	27.2	25.4	9.8	323.6	324.3	0.2	10.0	17.9	68.
22.9	78.8	7431.9	400.0	-22.8	-54.4	248.4	28.0	26.0	10.3	325.3	325.6	0.1	3.9	20.0	58.
24.2	82.8	7901.9	375.0	-26.4	-57.0	255.8	28.6	27.7	7.0	326.6	326.8	0.0	3.7	22.3	68.
25.8	87.0	8396.1	350.0	-30.5	-58.9	259.9	33.0	32.5	5.8	327.6	327.7	0.0	4.3	25.1	70.
27.4	91.8	8917.3	325.0	-35.3	-46.9	258.9	35.5	34.8	6.8	327.9	328.5	0.2	29.8	28.2	71.
28.9	96.3	9470.9	300.0	-38.5	-42.1	251.3	38.2	36.2	12.2	331.1	332.3	0.3	68.2	31.6	71.
30.9	101.4	10062.8	275.0	-42.9	99.9	243.4	34.6	30.9	15.5	333.1	999.9	99.9	999.9	36.1	71.
33.1	106.8	10698.6	250.0	-48.0	99.9	239.2	40.0	34.4	20.5	334.7	999.9	99.9	999.9	41.0	70.
35.2	112.3	11383.5	225.0	-53.6	99.9	242.2	42.6	37.7	19.9	336.5	999.9	99.9	999.9	45.9	68.
37.7	118.3	12132.0	200.0	-58.8	99.9	245.3	50.1	45.5	21.0	339.7	999.9	99.9	999.9	52.3	68.
40.7	124.8	12963.8	175.0	-60.6	99.9	258.1	36.1	35.3	7.5	350.0	999.9	99.9	999.9	60.9	68.
44.0	131.3	13918.0	150.0	-63.0	99.9	256.6	42.4	41.3	9.9	361.6	999.9	99.9	999.9	67.7	69.
48.1	138.3	15040.6	125.0	-62.1	99.9	266.7	33.3	33.3	1.9	382.6	999.9	99.9	999.9	77.8	71.
53.0	145.3	16420.2	100.0	-63.6	99.9	274.7	29.0	28.9	-2.4	405.0	999.9	99.9	999.9	86.9	73.
58.0	152.3	18175.5	75.0	-66.4	99.9	299.2	4.1	3.6	-2.0	433.8	999.9	99.9	999.9	90.7	74.
65.8	159.7	20635.3	50.0	-63.5	99.9	23.3	6.8	-2.7	-6.2	494.0	999.9	99.9	999.9	91.4	75.
78.5	167.0	25023.8	25.0	-50.7	99.9	999.9	99.9	99.9	99.9	638.8	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

169

STATION NO. 349
MONETTE, MO

7 MAY 1975
1119 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SLC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	8.3	438.0	958.3	14.9	14.4	130.0	2.6	-2.0	1.7	293.0	321.3	10.9	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	9.0	512.1	950.0	16.5	16.3	999.9	99.9	99.9	99.9	295.6	327.9	12.4	98.3	999.9	999.9
1.2	11.1	741.0	925.0	17.7	14.2	999.9	99.9	99.9	99.9	298.9	328.6	11.1	79.9	999.9	999.9
2.2	13.5	975.6	900.0	17.2	10.8	999.9	99.9	99.9	99.9	300.5	325.1	9.1	65.9	999.9	999.9
3.3	15.6	1216.3	875.0	16.3	8.9	999.9	99.9	99.9	99.9	301.8	324.3	8.2	61.4	999.9	999.9
4.2	18.0	1462.5	850.0	14.9	7.5	999.9	99.9	99.9	99.9	302.8	324.0	7.7	61.0	999.9	999.9
5.3	20.4	1714.8	825.0	13.0	5.1	999.9	99.9	99.9	99.9	303.3	322.0	6.7	58.5	999.9	999.9
6.2	22.7	1972.8	800.0	11.4	-0.1	999.9	99.9	99.9	99.9	303.9	317.5	4.8	45.1	999.9	999.9
7.2	25.2	2237.5	775.0	9.5	-1.8	255.5	4.2	4.0	1.0	304.6	317.2	4.4	45.2	1.3	112.
8.2	27.6	2502.7	750.0	7.7	-9.6	260.1	5.1	5.0	0.9	305.3	312.6	2.5	28.1	1.5	108.
9.4	30.2	2796.7	725.0	5.4	-11.8	247.5	7.7	7.2	3.0	305.6	312.0	2.1	27.7	1.9	101.
10.4	32.8	3072.1	700.0	2.9	-11.4	240.5	9.9	8.6	4.9	306.0	312.9	2.3	33.9	2.4	93.
11.5	35.5	3365.2	675.0	0.3	-11.6	233.0	10.5	8.9	5.6	306.2	313.3	2.3	40.5	3.0	85.
12.7	38.1	3666.3	650.0	-1.5	-23.7	236.3	13.2	11.0	7.3	307.3	310.1	0.9	16.6	3.7	79.
13.9	40.9	3978.8	625.0	-1.5	-29.7	232.9	17.0	13.6	10.2	310.8	312.6	0.5	9.4	4.7	74.
15.2	43.8	4303.0	600.0	-3.1	-31.0	232.1	19.8	15.6	12.2	312.5	314.1	0.5	9.4	6.1	69.
16.4	46.8	4638.5	575.0	-5.1	-32.3	231.5	20.3	15.9	12.6	314.0	315.5	0.4	9.6	7.5	66.
17.6	49.8	4985.8	550.0	-7.8	-34.1	237.9	20.0	17.0	10.7	314.8	316.1	0.4	9.9	8.9	64.
18.8	52.6	5345.5	525.0	-10.5	-33.8	245.2	20.5	18.6	8.6	315.8	317.2	0.4	12.7	10.4	63.
20.3	55.7	5719.1	500.0	-13.2	-35.6	244.0	23.1	20.8	10.1	317.0	318.2	0.4	13.1	12.4	64.
21.7	59.0	6107.7	475.0	-15.4	-38.1	237.7	24.0	20.2	12.8	318.9	319.9	0.3	12.3	14.3	63.
23.3	62.3	6513.4	450.0	-18.6	-40.4	233.2	22.5	18.0	13.5	319.8	320.7	0.2	12.6	16.5	62.
23.0	65.8	6937.1	425.0	-21.8	-42.8	235.9	24.8	20.5	13.9	321.0	321.7	0.2	12.9	18.8	61.
26.4	69.3	7380.1	400.0	-25.7	-45.7	236.6	25.3	21.1	13.9	321.6	322.1	0.2	13.2	21.1	61.
28.1	72.8	7844.1	375.0	-29.5	-48.6	238.0	24.1	20.4	12.7	322.5	323.0	0.1	13.6	23.5	60.
30.0	76.8	8333.0	350.0	-32.7	-51.0	241.2	28.6	25.1	13.8	324.6	325.0	0.1	13.9	26.3	60.
31.8	80.7	8851.6	325.0	-36.4	-54.0	241.3	30.0	26.3	14.4	326.4	326.7	0.1	14.2	29.7	60.
33.8	85.0	9401.2	300.0	-40.9	99.9	244.7	30.3	27.4	13.0	327.7	999.9	99.9	999.9	33.3	61.
36.1	89.4	9986.3	275.0	-46.1	99.9	243.7	34.7	31.1	15.4	328.5	999.9	99.9	999.9	37.5	61.
38.3	94.0	10614.7	250.0	-49.8	99.9	244.3	40.3	36.3	17.5	332.1	999.9	99.9	999.9	42.7	61.
40.8	99.0	11296.7	225.0	-54.2	99.9	246.0	44.9	41.0	18.2	335.4	999.9	99.9	999.9	49.0	62.
43.6	104.3	12047.8	200.0	-56.4	99.9	246.9	37.6	34.6	14.8	343.4	999.9	99.9	999.9	56.4	63.
45.6	110.2	12893.2	175.0	-58.3	99.9	242.7	38.3	32.2	16.6	353.7	999.9	99.9	999.9	62.5	63.
50.0	116.3	13862.5	150.0	-58.5	99.9	243.9	31.8	28.6	14.0	369.2	999.9	99.9	999.9	68.4	63.
53.9	123.3	15007.6	125.0	-59.2	99.9	253.0	29.4	28.1	8.6	387.8	999.9	99.9	999.9	75.9	63.
58.3	131.0	16404.9	100.0	-59.5	99.9	276.5	19.7	19.6	-2.2	412.7	999.9	99.9	999.9	83.9	64.
64.2	139.7	18188.1	75.0	-64.5	99.9	283.9	5.9	5.7	-1.4	437.8	999.9	99.9	999.9	86.7	66.
71.8	146.0	20687.2	50.0	-61.1	99.9	80.1	1.7	-1.7	-0.3	499.5	999.9	99.9	999.9	87.1	66.
85.0	160.0	25108.1	25.0	-51.4	99.9	216.3	1.8	1.1	1.5	636.9	999.9	99.9	999.9	83.3	66.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

166

STATION NO. 353
OKLAHOMA CITY, OKLA

7 MAY 1975
1115 GMT

61 436. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	99.9	392.0	962.0	12.2	6.2	200.0	6.7	2.3	6.3	284.3	305.7	6.2	66.6	0.0	0.0
0.4	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	10.8	497.5	950.0	14.2	99.9	52.4	10.1	-8.0	-6.2	291.6	999.9	99.9	99.9	0.4	338.
1.6	13.2	723.0	925.0	17.1	99.9	78.6	3.0	-2.9	-0.6	295.8	999.9	99.9	99.9	0.5	298.
2.0	15.5	957.3	903.0	19.2	99.9	253.0	2.8	2.7	0.8	301.3	999.9	99.9	99.9	0.5	311.
2.4	18.0	1197.5	875.0	17.0	99.9	283.4	2.1	2.1	-0.5	301.4	999.9	99.9	99.9	0.3	334.
2.8	20.5	1443.2	850.0	15.0	99.9	206.8	8.1	3.6	7.2	301.8	999.9	99.9	99.9	0.4	344.
3.2	23.0	1694.1	825.0	13.0	99.9	222.9	17.6	12.0	12.9	302.4	999.9	99.9	99.9	1.2	22.
3.6	25.5	1952.1	800.0	11.2	-0.6	212.5	10.8	5.8	9.1	303.7	316.8	4.6	43.8	2.1	27.
4.0	27.9	2215.9	775.0	8.9	-14.4	214.5	10.5	6.0	8.7	303.6	308.6	1.7	18.8	2.6	29.
4.4	30.6	2486.2	750.0	6.8	-5.9	221.4	10.5	6.9	7.9	304.4	314.0	3.3	40.0	3.2	30.
4.8	33.4	2763.7	725.0	4.5	-8.1	229.6	12.7	9.7	8.2	304.7	313.2	2.9	39.6	4.0	33.
5.2	36.0	3048.4	700.0	2.7	-10.2	235.7	15.6	12.9	8.8	305.8	313.3	2.5	37.9	4.9	37.
5.6	38.8	3341.4	675.0	0.9	-19.0	244.6	15.8	14.3	6.8	306.8	310.8	1.3	21.0	5.9	41.
6.0	41.5	3644.4	650.0	0.2	-18.2	247.5	20.1	18.6	7.7	309.3	313.6	1.4	23.6	7.1	46.
6.4	44.5	3957.3	625.0	-2.6	-13.2	247.6	24.5	22.7	9.4	309.8	316.6	2.2	43.9	8.7	50.
6.8	47.5	4279.9	600.0	-3.8	-22.9	243.6	24.2	21.6	10.8	311.8	315.0	1.0	21.1	10.6	53.
7.2	50.6	4614.9	575.0	-5.7	-24.4	234.5	21.6	17.6	12.5	313.4	316.4	0.9	21.2	12.2	54.
7.6	53.8	4961.3	550.0	-8.7	-26.8	226.6	18.5	13.5	12.7	313.8	316.4	0.8	21.5	13.6	53.
8.0	56.7	5319.8	525.0	-11.9	-29.4	226.8	16.7	12.2	11.5	314.2	316.3	0.6	21.7	15.0	53.
8.4	60.1	5691.3	500.0	-14.6	-31.6	226.9	14.0	10.2	9.6	315.2	317.0	0.5	21.9	16.5	52.
8.8	63.6	6077.7	475.0	-17.3	-33.1	232.2	22.9	18.1	14.1	316.5	318.2	0.5	23.8	17.7	52.
9.2	67.0	6481.1	450.0	-20.0	-34.8	999.9	99.9	99.9	99.9	318.1	319.6	0.4	25.2	999.9	999.
9.6	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
10.0	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
10.4	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
10.8	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
11.2	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
11.6	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
12.0	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
12.4	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
12.8	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
13.2	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
13.6	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
14.0	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
14.4	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
14.8	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
15.2	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
15.6	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
16.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX

7 MAY 1975
1115 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEFD M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	1095.0	885.2	5.1	-9.8	250.0	3.2	3.0	-1.1	288.4	294.1	2.0	33.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	15.2	1190.9	875.0	10.1	-5.3	999.9	99.9	99.9	99.9	294.7	303.0	2.9	33.4	999.9	999.
1.0	17.3	1432.2	850.0	10.3	-5.7	999.9	99.9	99.9	99.9	297.4	305.8	2.9	31.8	999.9	999.
1.8	19.5	1600.1	825.0	9.2	-6.6	288.5	8.9	8.4	-2.8	296.7	306.9	2.8	31.8	1.0	123.
2.5	21.8	1934.4	800.0	7.8	-7.9	265.7	7.0	7.0	0.5	299.8	307.4	2.6	31.8	1.3	114.
3.3	24.2	2195.0	775.0	5.5	-9.9	241.1	7.5	6.6	3.6	300.1	306.9	2.3	31.8	1.6	107.
4.0	26.5	2462.4	750.0	4.2	-11.0	221.6	10.5	7.0	7.8	301.4	307.9	2.2	31.8	1.8	96.
4.9	29.0	2737.1	725.0	2.1	-12.9	215.9	12.6	7.4	10.2	302.1	307.9	2.0	31.8	2.2	82.
5.7	31.6	3019.2	700.0	-0.3	-15.1	225.5	14.5	10.4	10.2	302.3	307.4	1.7	31.8	2.7	74.
6.5	34.2	3305.2	675.0	-1.9	-16.4	228.5	17.9	13.4	11.8	303.8	308.5	1.6	31.8	3.5	68.
7.4	36.8	3618.2	650.0	-4.3	-18.5	235.6	20.3	16.7	11.5	304.3	308.5	1.4	31.8	4.5	64.
8.3	39.6	3915.9	625.0	-7.1	-20.6	238.9	22.7	19.5	11.7	304.4	308.1	1.2	33.0	5.6	63.
9.3	42.2	4232.8	600.0	-8.9	-23.0	236.1	26.7	22.2	14.9	305.9	309.1	1.0	30.5	7.1	62.
10.3	45.1	4561.6	575.0	-10.3	-24.8	231.7	29.2	22.9	18.1	308.0	310.9	0.9	29.1	8.9	60.
11.3	48.1	4903.2	550.0	-12.2	-26.9	227.5	30.9	22.8	20.9	309.7	312.1	0.8	27.9	10.6	58.
12.4	51.0	5257.1	525.0	-14.8	-29.2	223.8	34.8	24.1	25.1	310.7	312.8	0.6	28.0	12.6	56.
13.5	54.3	5624.3	500.0	-17.8	-31.8	221.1	35.0	23.0	26.4	311.4	313.1	0.5	28.0	15.3	54.
14.7	57.4	6005.9	475.0	-20.9	-34.5	224.2	34.3	23.9	24.6	312.1	313.6	0.4	28.1	17.4	52.
16.0	60.9	6402.8	450.0	-24.2	-36.4	229.7	35.5	27.0	23.0	312.8	314.1	0.4	31.2	20.1	52.
17.3	64.3	6816.8	425.0	-27.5	-37.8	235.4	37.6	31.0	21.4	313.8	315.0	0.3	36.4	23.0	52.
18.9	67.9	7251.4	400.0	-29.6	-35.3	237.5	38.6	32.5	20.7	316.5	318.1	0.5	57.8	26.4	52.
20.4	71.5	7708.2	375.0	-33.6	-38.3	239.8	39.7	34.3	20.0	317.0	318.3	0.4	62.6	30.1	53.
22.0	75.7	8187.7	350.0	-38.2	-42.0	238.3	39.2	33.3	20.6	317.1	318.1	0.3	67.5	34.0	54.
23.8	80.0	8693.6	325.0	-41.8	99.9	239.6	39.5	34.1	20.0	319.1	999.9	99.9	999.9	38.2	54.
25.6	84.3	9231.9	300.0	-46.0	99.9	242.6	45.2	40.1	20.8	320.5	999.9	99.9	999.9	42.6	55.
27.6	89.0	9855.3	275.0	-49.5	99.9	243.7	45.9*	41.1	20.3	323.5	999.9	99.9	999.9	47.6	56.
30.0	94.0	10426.7	250.0	-51.8	99.9	242.9	54.5*	48.6	24.9	329.0	999.9	99.9	999.9	54.8	57.
32.6	99.3	11108.1	225.0	-53.0	99.9	239.6	46.4*	40.0	23.4	337.2	999.9	99.9	999.9	62.8	58.
35.5	105.0	11865.0	200.0	-52.8	99.9	235.7	48.8*	40.3	27.4	349.2	999.9	99.9	999.9	69.4	58.
38.5	111.3	12735.8	175.0	-52.0	99.9	231.3	43.7*	34.1	27.3	364.1	999.9	99.9	999.9	77.8	57.
41.5	118.0	13722.6	150.0	-57.3	99.9	239.4	33.9*	29.2	17.3	371.3	999.9	99.9	999.9	84.6	57.
45.7	125.8	14774.5	125.0	-54.4	99.9	238.3	25.9*	22.0	13.6	396.6	999.9	99.9	999.9	91.9	57.
50.8	134.0	15298.0	100.0	-56.3	99.9	246.2	29.7*	27.1	12.0	418.5	999.9	99.9	999.9	100.8	58.
56.4	142.3	18074.2	75.0	-66.8	99.9	175.6	4.4*	-0.3	4.4	433.0	999.9	99.9	999.9	104.5	58.
64.8	151.0	20579.8	50.0	-60.1	99.9	141.0	2.7*	-1.7	2.1	501.9	999.9	99.9	999.9	102.9	56.
77.1	160.0	24987.5	25.0	-51.7	99.9	230.6	11.9	9.2	7.5	636.1	999.9	99.9	999.9	101.9	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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STATION NO. 365
ALBUQUERQUE, N MEX

7 MAY 1975
1115 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.2	1619.7	834.0	-1.7	-12.6	200.0	2.6	0.9	2.4	286.1	291.0	1.7	43.0	0.7	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	20.9	1706.3	825.0	3.6	-13.4	267.4	6.4	6.4	0.3	292.6	297.4	1.6	27.9	0.2	18.
1.3	23.3	1956.4	800.0	3.8	-13.8	264.2	6.1	6.1	0.6	295.4	300.3	1.6	26.3	0.4	64.
2.2	25.6	2213.7	775.0	2.3	-15.1	269.8	5.8	5.8	0.0	296.4	301.0	1.5	26.3	0.7	73.
3.1	28.0	2477.0	750.0	-0.4	-17.3	273.6	7.0	7.0	-0.4	296.3	300.2	1.3	26.4	1.0	80.
4.1	30.6	2746.9	725.0	-2.7	-19.3	285.0	8.7	8.4	-2.3	296.6	300.0	1.1	26.5	1.5	86.
5.3	33.2	3023.7	700.0	-5.3	-20.5	283.4	13.4	13.0	-3.1	296.7	299.9	1.1	29.0	2.2	92.
6.2	35.7	3317.9	675.0	-8.0	-21.0	283.2	14.0	13.6	-3.2	296.9	300.1	1.1	34.0	3.0	95.
7.3	38.3	3599.8	650.0	-10.6	-22.8	286.5	15.4	14.8	-4.4	297.1	300.0	0.9	35.9	3.9	97.
8.3	40.9	3900.0	625.0	-13.3	-22.6	286.7	16.9	16.2	-4.8	297.3	300.3	1.0	45.6	4.9	99.
9.4	43.7	4209.9	600.0	-15.1	-24.8	281.5	18.7	18.4	-3.7	298.7	301.3	0.8	43.2	6.1	101.
10.5	46.6	4529.9	575.0	-18.1	-24.0	275.5	20.2	20.1	-1.9	298.8	301.8	0.9	59.7	7.4	101.
11.6	49.6	4860.2	550.0	-21.1	-24.8	267.9	21.2	21.2	0.8	299.1	302.0	0.9	72.0	8.8	99.
12.9	52.5	5201.8	525.0	-23.9	-26.9	264.2	20.2	20.0	2.0	299.7	302.2	0.8	76.4	10.3	97.
14.2	55.6	5555.7	500.0	-27.4	-29.8	261.6	20.5	20.3	3.0	299.6	301.7	0.6	79.8	11.9	95.
15.5	58.8	5922.7	475.0	-30.4	-36.5	256.0	20.6	20.0	5.0	300.3	301.5	0.3	54.8	13.4	93.
16.8	62.1	6309.2	450.0	-32.4	-41.2	258.0	26.6	26.0	5.5	302.5	303.3	0.2	40.9	15.1	91.
18.1	65.5	6708.3	425.0	-32.8	-47.9	256.3	32.4	31.5	7.7	307.0	307.4	0.1	20.1	17.4	89.
19.6	69.0	7134.4	400.0	-33.4	-49.1	256.8	36.5	35.5	8.3	311.5	311.9	0.1	16.7	20.4	87.
21.4	72.6	7586.3	375.0	-35.0	-50.3	247.4	38.8	35.9	14.9	315.3	315.6	0.1	18.9	24.3	85.
23.3	76.5	8065.3	350.0	-37.2	-52.2	251.6	43.0	40.8	13.6	318.5	318.8	0.1	19.1	29.2	82.
25.2	80.5	8575.7	325.0	-38.9	-53.6	256.2	41.9	40.6	10.0	322.9	323.2	0.1	19.3	33.7	81.
27.0	84.7	9121.3	300.0	-42.1	99.9	252.9	41.6	39.8	12.3	326.1	999.9	99.9	999.9	38.3	80.
29.2	89.0	9706.0	275.0	-44.5	99.9	253.5	38.2	36.7	10.9	330.8	999.9	99.9	999.9	43.4	79.
31.1	93.8	10339.6	250.0	-48.1	99.9	241.7	42.2*	37.2	20.0	334.6	999.9	99.9	999.9	47.9	78.
33.7	98.9	11032.1	225.0	-46.9	99.9	249.1	37.8*	35.3	13.5	346.7	999.9	99.9	999.9	54.1	77.
36.8	104.0	11807.1	200.0	-49.8	99.9	253.2	26.0*	24.9	7.5	353.9	999.9	99.9	999.9	59.6	76.
39.8	110.0	12674.9	175.0	-52.5	99.9	249.7	24.0*	22.5	8.4	363.3	999.9	99.9	999.9	65.3	76.
43.9	116.3	13671.9	150.0	-52.8	99.9	236.4	23.4*	19.5	13.0	379.1	999.9	99.9	999.9	71.3	75.
48.3	123.7	14846.6	125.0	-55.0	99.9	243.5	26.4*	23.7	11.8	395.4	999.9	99.9	999.9	77.7	73.
53.4	131.3	16269.4	100.0	-54.7	99.9	243.7	22.0*	19.7	9.7	422.0	999.9	99.9	999.9	85.5	72.
59.6	140.0	18086.7	75.0	-62.2	99.9	184.6	8.4*	0.7	8.4	442.5	999.9	99.9	999.9	89.4	71.
68.3	149.0	20603.5	50.0	-57.2	99.9	18.6	7.9	-2.5	-7.5	568.8	999.9	99.9	999.9	89.5	70.
81.8	158.7	25024.5	25.0	-51.0	99.9	45.8	3.5	-2.5	-2.4	638.3	999.9	99.9	999.9	87.0	71.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

169

STATION NO. 433
SALEM, ILL

7 MAY 1975
1115 GMT

152 30. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	5.5	175.0	990.9	16.9	16.6	110.0	1.5	-1.4	0.5	292.4	323.6	12.1	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	6.5	313.7	975.0	17.1	15.7	140.0	7.3	-4.7	5.6	293.9	324.1	11.6	91.9	0.2	291.
1.2	8.5	536.1	950.0	17.3	15.4	135.9	6.1	-4.2	4.3	296.3	327.0	11.7	88.6	0.5	376.
1.8	10.4	764.0	925.0	15.5	14.1	140.7	3.8	-2.4	2.9	296.6	325.8	11.1	91.6	0.7	378.
2.6	12.3	996.3	900.0	13.8	12.7	224.0	1.6	1.1	1.1	297.1	324.6	10.4	93.4	0.8	312.
3.4	14.4	1234.2	875.0	13.0	12.2	262.0	5.3	5.3	0.7	298.7	326.1	10.3	94.5	0.7	324.
4.2	16.3	1478.1	850.0	11.7	10.6	270.1	5.2	5.2	-0.0	299.7	325.3	9.5	92.6	0.6	348.
4.9	18.5	1728.2	825.0	10.8	9.5	272.8	2.8	2.8	-0.1	301.2	325.9	9.1	91.5	0.6	3.
5.7	20.6	1985.3	800.0	10.3	8.4	314.8	4.0	2.8	-2.8	303.0	322.8	7.1	72.1	0.5	16.
6.5	22.7	2248.9	775.0	8.4	2.1	313.5	7.7	5.6	-5.2	303.6	319.9	5.8	64.5	0.5	50.
7.4	25.0	2519.1	750.0	6.5	0.6	311.3	8.1	6.6	-5.4	304.3	319.5	5.4	66.2	0.7	94.
8.2	27.1	2797.0	725.0	5.0	-0.4	305.1	6.3	5.2	-3.6	305.6	320.3	5.1	68.1	1.1	105.
9.3	29.5	3182.9	700.0	3.1	-1.8	304.5	4.8	3.9	-2.7	306.5	320.4	4.8	70.5	1.4	109.
10.3	31.9	3376.7	675.0	1.0	-3.1	305.7	4.8	3.9	-2.8	307.3	320.5	4.5	74.3	1.6	111.
11.3	34.4	3679.6	650.0	-1.0	-5.6	294.6	6.2	5.7	-2.6	308.3	319.7	3.9	71.3	1.9	114.
12.3	36.8	3991.6	625.0	-3.2	-11.2	288.5	7.1	6.8	-2.3	309.1	317.0	2.6	53.7	2.4	112.
13.5	39.4	4313.7	600.0	-5.3	-11.3	288.4	6.7	6.3	-2.1	310.3	318.5	2.7	62.5	2.9	112.
14.6	41.9	4646.8	575.0	-7.3	-14.5	283.3	5.3	5.2	-1.2	311.7	318.4	2.2	56.4	3.3	111.
15.7	44.7	4991.6	550.0	-9.9	-17.4	275.2	5.6	5.7	-0.5	312.5	318.1	1.8	54.4	3.6	110.
16.8	47.5	5349.0	525.0	-12.4	-22.8	263.9	5.9	5.9	0.6	313.6	317.3	1.2	41.5	4.0	109.
18.0	50.4	5720.5	500.0	-14.6	-22.3	245.7	8.8	8.0	3.6	315.4	319.5	1.3	52.0	4.4	105.
19.2	53.3	6107.3	475.0	-16.4	-42.2	251.3	10.3	9.7	3.3	317.6	318.3	0.2	8.9	5.0	99.
20.5	56.1	6511.5	450.0	-19.5	-26.7	265.3	12.1	12.1	1.0	318.8	321.9	0.9	52.3	5.8	96.
21.9	59.3	6933.5	425.0	-22.6	-30.7	268.5	16.5	16.5	0.4	320.1	322.4	0.7	47.2	6.9	95.
23.4	62.7	7376.4	400.0	-25.3	-29.3	266.3	21.3	21.2	1.4	322.2	325.0	0.8	68.4	8.6	94.
24.9	66.0	7842.6	375.0	-28.3	-68.0	255.3	25.6	24.8	6.5	324.1	324.1	0.0	1.0	10.8	91.
26.5	69.7	8333.9	350.0	-32.2	-64.7	257.7	22.6	22.1	4.8	325.3	325.4	0.0	2.6	13.1	88.
28.2	73.3	8852.6	325.0	-36.0	-52.3	255.7	22.8	22.1	5.6	326.9	327.4	0.1	23.6	15.2	87.
29.8	77.3	9403.8	300.0	-40.4	99.9	250.3	26.0	24.5	8.8	328.4	999.9	99.9	999.9	17.6	85.
31.7	81.5	9991.2	275.0	-44.7	99.9	240.1	29.9	25.9	14.9	330.4	999.9	99.9	999.9	20.6	82.
33.9	85.9	10621.2	250.0	-50.2	99.9	237.9	30.3	25.7	16.1	331.4	999.9	99.9	999.9	24.4	78.
36.4	90.8	11299.7	225.0	-56.1	99.9	237.6	36.8	31.1	19.7	332.6	999.9	99.9	999.9	28.8	75.
38.9	96.0	12040.3	200.0	-60.5	99.9	242.3	43.6	38.6	20.3	337.0	999.9	99.9	999.9	34.9	72.
41.8	101.5	12863.3	175.0	-63.9	99.9	245.8	45.3	41.3	18.6	344.6	999.9	99.9	999.9	42.7	71.
45.2	108.3	13825.5	150.0	-56.8	99.9	282.9	30.5	29.8	-6.8	372.2	999.9	99.9	999.9	51.5	72.
48.9	115.3	14968.1	125.0	-62.0	99.9	295.1	17.8	16.1	-7.5	382.8	999.9	99.9	999.9	54.7	75.
53.7	124.0	16344.4	100.0	-61.2	99.9	291.3	23.7	22.1	-8.6	409.5	999.9	99.9	999.9	67.8	77.
59.9	134.5	18129.9	75.0	-61.2	99.9	300.4	12.6	10.9	-6.4	444.6	999.9	99.9	999.9	66.2	81.
67.7	145.5	20659.3	50.0	-59.0	99.9	349.4	3.8	0.7	-3.7	504.6	999.9	99.9	999.9	67.9	83.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

70

STATION NO. 451
DODGE CITY, KAN

7 MAY 1975
1115 GMT

155 30. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	791.0	916.5	5.0	-5.6	220.0	4.7	3.0	3.6	285.5	293.0	2.7	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	15.6	941.8	900.0	11.6	-6.8	262.0	11.5	11.3	1.6	293.8	301.1	2.6	27.3	0.4	77.
1.3	18.0	1177.1	875.0	11.6	-8.5	263.1	12.1	12.0	1.4	296.1	302.8	2.3	23.5	0.9	80.
2.0	20.5	1418.7	850.0	10.1	-10.0	255.3	10.4	10.1	2.6	297.0	303.2	2.1	23.2	1.4	81.
2.8	22.9	1666.2	825.0	9.7	-12.2	243.7	12.1	10.8	5.4	299.1	304.4	1.8	19.9	1.8	77.
3.5	25.5	1921.0	800.0	8.7	-12.6	237.8	16.1	13.6	8.6	300.7	306.1	1.8	20.7	2.5	73.
4.3	28.1	2182.3	775.0	6.2	-13.4	230.4	17.8	13.7	11.3	306.7	303.2	1.8	22.9	3.2	68.
5.0	30.8	2449.9	750.0	3.9	-14.6	227.0	18.1	13.2	12.4	301.1	306.0	1.6	24.2	4.0	65.
5.9	33.5	2724.0	725.0	1.2	-15.9	222.6	17.2	11.7	12.7	300.9	305.5	1.5	26.6	4.8	61.
6.7	36.3	3004.9	700.0	-1.2	-16.9	215.8	17.9	10.4	14.5	301.4	305.8	1.4	28.9	5.6	58.
7.6	39.2	3293.5	675.0	-3.4	-18.1	217.1	21.1	12.7	16.8	302.0	306.1	1.4	30.9	6.5	54.
8.6	42.0	3597.9	650.0	-5.2	-19.2	222.9	26.4	18.0	19.4	303.2	307.1	1.3	32.2	7.9	52.
9.5	45.0	3897.5	625.0	-7.6	-22.1	223.2	29.1	19.9	21.2	303.8	307.1	1.0	30.2	9.5	50.
10.4	48.1	4215.1	600.0	-8.6	-26.8	223.9	31.6	21.9	22.8	306.2	308.5	0.7	21.2	11.2	49.
11.4	51.1	4544.5	575.0	-9.4	-27.4	224.8	35.1	24.7	24.9	309.1	311.4	0.7	21.3	13.1	49.
12.4	54.4	4886.2	550.0	-12.5	-30.0	221.8	35.8	23.8	26.7	309.3	311.2	0.6	21.5	15.2	48.
13.5	57.6	5240.1	525.0	-14.7	-31.8	216.4	38.4	23.9	30.1	310.7	312.4	0.5	21.6	17.6	47.
14.6	61.0	5607.2	500.0	-17.9	-34.5	217.0	37.7	22.7	30.1	311.2	312.5	0.4	21.9	20.1	46.
15.9	64.6	5988.9	475.0	-20.8	-36.8	216.0	37.7	22.2	30.5	312.2	313.4	0.3	22.1	23.1	44.
17.3	68.1	6385.8	450.0	-24.1	-39.6	213.7	36.1	20.0	30.0	312.9	313.8	0.3	22.3	26.0	43.
18.5	71.7	6799.8	425.0	-27.5	-42.4	215.3	39.8	23.0	32.5	313.7	314.4	0.2	22.5	28.8	42.
19.8	75.7	7232.5	400.0	-31.1	-44.4	219.4	39.0	24.7	30.1	314.5	315.2	0.2	25.4	31.7	42.
21.1	79.8	7686.9	375.0	-34.6	-46.5	227.1	41.0	30.0	27.9	315.8	316.4	0.2	28.1	35.0	42.
22.9	84.0	8166.2	350.0	-38.0	-47.8	232.3	42.9	34.0	26.2	317.5	318.0	0.1	34.4	39.5	43.
24.7	88.2	8673.8	325.0	-40.2	99.9	235.2	42.7*	35.1	24.4	321.3	999.9	99.9	999.9	44.4	44.
26.6	93.0	9214.8	300.0	-44.8	99.9	234.8	44.7*	36.6	25.2	322.2	999.9	99.9	999.9	49.2	45.
28.5	97.6	9790.2	275.0	-50.0	99.9	234.8	45.3*	37.1	26.1	322.8	999.9	99.9	999.9	54.1	46.
31.2	102.6	10408.6	250.0	-51.6	99.9	231.9	37.7*	29.7	23.2	329.4	999.9	99.9	999.9	61.8	47.
34.0	108.3	11097.3	225.0	-48.3	99.9	233.2	40.4*	32.3	24.2	344.5	999.9	99.9	999.9	68.7	48.
36.7	114.0	11871.7	200.0	-49.7	99.9	222.6	29.3*	19.9	21.6	354.0	999.9	99.9	999.9	73.6	48.
39.8	120.3	12746.5	175.0	-52.1	99.9	224.5	19.4*	13.6	13.8	364.0	999.9	99.9	999.9	78.4	47.
43.4	127.0	13732.1	150.0	-57.7	99.9	224.4	18.8*	13.1	13.4	370.6	999.9	99.9	999.9	83.7	47.
47.9	134.7	14857.3	125.0	-53.0	99.9	249.7	25.5*	24.0	8.9	399.0	999.9	99.9	999.9	89.9	48.
53.3	142.0	16324.7	100.0	-58.1	99.9	246.2	23.0*	21.0	9.3	415.6	999.9	99.9	999.9	97.5	49.
59.3	150.3	18116.2	75.0	-62.9	99.9	211.7	23.4*	12.3	19.9	441.0	999.9	99.9	999.9	101.7	48.
67.8	159.7	20654.1	50.0	-58.5	99.9	55.6	9.3	-7.7	-5.3	505.7	999.9	99.9	999.9	101.7	48.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

174

STATION NO. 456
TOPEKA, KAN

7 MAY 1975
1135 GMT

155 19. 0

TIME	CNTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V CCMP	POT T	E POT T	MX RTO	RH	RANGE	AZ
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.0	6.7	268.0	976.0	6.7	4.5	180.0	2.6	0.0	2.6	282.5	296.5	5.4	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	6.8	276.6	975.0	9.2	5.1	999.9	99.9	99.9	99.9	285.1	299.9	5.7	76.9	999.9	999.
0.8	9.1	498.0	950.0	22.3	-1.9	999.9	99.9	99.9	99.9	300.3	313.3	3.5	19.8	999.9	999.
1.7	11.3	729.4	925.0	22.0	-2.1	228.5	8.1	6.1	5.4	302.3	312.5	3.5	19.8	0.7	38.
2.5	13.6	965.8	900.0	19.7	-3.9	233.9	7.0	5.6	4.1	302.3	311.5	3.2	19.9	1.0	43.
3.3	15.8	1207.0	875.0	17.5	-5.6	236.2	8.4	7.0	4.7	302.3	310.7	2.9	20.1	1.4	46.
4.1	18.3	1453.0	850.0	15.0	-7.6	235.1	9.2	7.5	5.2	302.2	309.6	2.5	20.2	1.8	48.
5.0	20.7	1704.4	825.0	12.8	-8.2	230.9	9.2	7.2	5.8	302.4	309.8	2.5	22.3	2.3	50.
5.9	23.2	1961.2	800.0	10.1	-10.4	222.2	10.1	6.8	7.5	302.2	308.7	2.2	22.4	2.8	49.
6.7	25.7	2224.0	775.0	7.9	-12.2	222.0	11.4	9.0	7.0	302.6	308.4	1.9	22.5	3.3	48.
7.6	28.3	2493.3	750.0	6.2	-13.6	242.0	16.2	14.3	7.6	303.5	308.9	1.8	22.6	4.0	50.
8.5	31.0	2770.0	725.0	4.2	-12.9	244.3	20.8	18.8	9.0	304.3	310.2	1.9	27.4	5.0	53.
9.4	33.9	3054.5	700.0	2.3	-15.9	243.2	22.0	19.7	9.9	305.3	317.1	1.6	24.5	6.3	55.
10.4	36.4	3346.6	675.0	-0.5	-19.1	241.3	19.5	17.1	9.3	305.2	309.1	1.2	23.0	7.6	56.
11.5	39.3	3648.5	650.0	-0.0	-21.1	239.8	19.9	17.2	10.0	309.1	312.6	1.1	18.6	8.7	57.
12.5	42.0	3962.0	625.0	-1.0	-21.9	239.1	21.6	18.5	11.1	311.4	314.8	1.1	18.7	10.0	57.
13.5	45.0	4286.1	600.0	-3.5	-23.8	235.3	20.2	16.6	11.5	312.1	315.1	0.9	18.8	11.2	57.
14.6	48.0	4620.8	575.0	-6.1	-25.9	231.4	20.3	15.9	12.7	312.9	315.5	0.8	19.0	12.6	57.
15.7	51.1	4966.6	550.0	-9.1	-28.3	223.7	19.5	13.5	14.1	313.3	315.5	0.7	19.2	13.9	56.
17.0	54.3	5325.0	525.0	-11.5	-30.2	220.1	21.3	13.7	15.3	314.6	316.6	0.6	19.4	15.4	55.
18.2	57.4	5697.2	500.0	-14.2	-32.4	221.5	21.4	14.2	16.1	315.7	317.4	0.5	19.5	16.9	53.
19.5	60.7	6084.4	475.0	-17.0	-34.7	225.8	21.5	15.4	15.0	316.9	318.4	0.4	19.7	18.5	52.
20.8	64.3	6488.1	450.0	-19.4	-35.6	224.5	21.6	15.1	15.4	318.9	320.3	0.4	22.1	20.2	52.
22.3	67.9	6910.5	425.0	-22.4	-38.1	224.9	22.0	15.5	15.6	320.2	321.4	0.3	22.3	22.1	51.
23.6	71.3	7352.8	400.0	-26.1	-39.7	223.6	20.5	14.2	14.9	321.0	322.0	0.3	26.4	23.9	51.
25.2	75.3	7815.5	375.0	-30.5	-42.4	224.3	21.5	15.0	15.4	321.2	322.0	0.2	29.7	25.7	50.
26.7	79.3	8201.9	350.0	-34.2	-45.4	221.4	24.6	16.3	18.5	322.6	323.3	0.2	30.6	28.0	50.
28.5	83.5	8615.6	325.0	-38.5	99.9	217.3	24.1	14.6	19.2	323.5	999.9	99.9	999.9	30.3	49.
30.3	87.8	9059.2	300.0	-44.1	99.9	216.8	24.5	14.7	19.6	323.2	999.9	99.9	999.9	33.0	48.
32.6	92.6	9537.4	275.0	-48.7	99.9	218.5	27.3	17.0	21.3	324.7	999.9	99.9	999.9	36.5	47.
35.2	97.4	10056.9	250.0	-53.4	99.9	219.5	26.3	16.7	20.3	326.7	999.9	99.9	999.9	40.5	46.
37.9	102.5	11232.8	225.0	-54.8	99.9	223.3	30.7	21.0	22.3	334.5	999.9	99.9	999.9	45.0	46.
40.5	108.3	11985.1	200.0	-55.5	99.9	234.9	38.1	31.2	21.9	344.9	999.9	99.9	999.9	50.6	46.
43.4	114.3	12839.6	175.0	-53.3	99.9	243.4	33.9	30.3	15.2	361.9	999.9	99.9	999.9	56.1	48.
47.4	120.7	13825.2	150.0	-55.9	99.9	237.1	22.3	18.7	12.1	373.9	999.9	99.9	999.9	62.2	49.
52.2	127.7	14993.2	125.0	-53.3	99.9	241.5	26.1	22.9	12.5	358.5	999.9	99.9	999.9	69.6	50.
57.7	135.0	16425.0	100.0	-55.2	99.9	255.0	7.4	7.2	1.9	421.0	999.9	99.9	999.9	75.3	51.
65.1	142.3	18228.8	75.0	-59.7	99.9	331.5	2.3	1.1	-2.0	447.8	999.9	99.9	999.9	79.6	52.
74.6	150.0	20763.6	50.0	-59.0	99.9	201.6	3.3	1.2	3.0	504.5	999.9	99.9	999.9	78.2	53.
89.7	158.0	25219.8	25.0	-50.2	99.9	77.7	8.3	-8.1	-1.8	640.4	999.9	99.9	999.9	74.4	51.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, COLO

7 MAY 1975
1115 GMT

149 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	PCT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.3	1474.0	845.4	5.0	-4.8	155.0	2.6	-1.1	2.4	292.2	301.1	3.2	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	22.2	1673.2	825.0	4.2	-5.4	169.2	6.0	-1.1	5.9	293.5	302.1	3.1	49.4	0.2	333.
1.4	24.9	1922.9	800.0	2.4	-6.8	162.6	4.3	-1.3	4.1	294.1	302.2	2.9	50.5	0.5	338.
2.3	27.2	2178.5	775.0	0.1	-8.2	203.9	5.6	2.3	5.2	294.2	301.8	2.7	53.7	0.7	346.
3.0	29.8	2440.1	750.0	-2.2	-9.3	217.7	8.2	5.0	6.5	294.4	301.6	2.5	58.4	1.0	359.
3.9	32.6	2708.4	725.0	-4.7	-10.8	235.5	9.9	8.2	5.6	294.6	301.3	2.3	62.4	1.3	13.
4.7	35.3	2983.7	700.0	-6.8	-11.8	246.4	12.2	11.2	4.9	295.2	301.6	2.2	67.5	1.7	27.
5.6	37.9	3266.7	675.0	-9.0	-11.5	251.5	14.6	13.8	4.6	295.9	302.7	2.4	81.8	2.3	39.
6.6	40.7	3557.9	650.0	-11.1	-11.3	258.5	16.5	16.2	3.3	296.7	303.9	2.5	98.7	3.1	49.
7.6	43.6	3858.5	625.0	-12.8	-14.1	269.3	17.6	17.6	0.2	298.0	304.0	2.1	90.4	4.0	57.
8.5	46.6	4163.7	600.0	-15.1	-16.1	276.3	18.5	18.3	-2.0	298.9	304.3	1.8	91.9	4.9	64.
9.4	49.8	4489.3	575.0	-17.5	-18.5	279.9	18.8	18.5	-3.2	299.6	304.2	1.5	92.5	5.8	70.
10.3	52.6	4820.9	550.0	-19.9	-20.7	277.4	18.5	18.3	-2.4	300.6	304.6	1.3	93.4	6.7	75.
11.4	55.8	5164.3	525.0	-22.7	-23.8	275.3	17.4	17.4	-1.6	301.2	304.5	1.1	90.3	7.8	78.
12.5	59.1	5520.3	500.0	-25.3	-26.5	278.5	17.8	17.6	-2.6	302.3	305.0	0.9	88.9	8.8	80.
13.7	62.5	5871.3	475.0	-27.4	-28.3	273.5	16.5	16.5	-1.0	304.1	306.5	0.8	91.9	10.0	82.
14.9	65.9	6279.0	450.0	-29.3	-31.0	275.1	18.2	18.1	-1.6	306.4	308.5	0.6	84.9	11.3	83.
16.1	69.6	6686.6	425.0	-30.8	-33.8	295.2	18.3	16.6	-7.8	309.6	311.3	0.5	74.5	12.5	85.
17.3	73.2	7114.0	400.0	-34.1	-38.4	316.4	16.2	11.2	-11.8	310.7	311.9	0.3	64.7	13.5	89.
18.7	77.2	7562.5	375.0	-38.1	-43.4	334.5	14.5	6.2	-13.1	311.2	311.9	0.2	57.1	14.2	93.
20.2	81.0	8034.0	350.0	-41.2	99.9	343.1	17.9	5.2	-17.1	313.2	999.9	99.9	999.9	14.9	98.
21.8	85.3	8533.5	325.0	-45.1	99.9	343.7	22.8	6.4	-21.9	314.6	999.9	99.9	999.9	15.7	105.
23.6	89.7	9063.2	300.0	-49.3	99.9	330.9	21.3	10.3	-18.6	315.9	999.9	99.9	999.9	17.2	111.
25.7	94.4	9631.3	275.0	-49.2	99.9	318.5	18.2	12.1	-13.6	323.9	999.9	99.9	999.9	19.4	115.
28.0	99.2	10256.3	250.0	-49.2	99.9	302.2	13.5	11.4	-7.2	333.0	999.9	99.9	999.9	21.2	117.
30.4	104.5	10951.4	225.0	-47.4	99.9	268.7	13.0	13.0	0.3	345.9	999.9	99.9	999.9	23.1	116.
33.1	110.2	11728.3	200.0	-48.3	99.9	266.3	17.2	17.1	1.1	356.4	999.9	99.9	999.9	25.0	113.
36.1	116.0	12610.9	175.0	-47.5	99.9	243.6	12.9	11.6	5.7	371.5	999.9	99.9	999.9	27.5	110.
39.3	122.7	13616.8	150.0	-53.6	99.9	234.0	14.0	11.3	8.2	377.8	999.9	99.9	999.9	28.8	105.
43.4	130.0	14786.8	125.0	-53.4	99.9	258.2	11.7	11.5	2.4	398.3	999.9	99.9	999.9	31.4	102.
48.4	138.0	16214.8	100.0	-55.1	99.9	207.9	13.1	6.1	11.6	421.2	999.9	99.9	999.9	32.9	97.
54.4	146.0	18052.4	75.0	-54.5	99.9	192.9	7.9	1.8	7.7	458.7	999.9	99.9	999.9	34.1	91.
62.3	155.3	20615.2	50.0	-58.3	99.9	320.8	3.0	1.9	-2.3	506.1	999.9	99.9	999.9	33.2	89.
74.6	165.7	25005.2	25.0	-55.6	99.9	53.4	3.4	2.7	-2.0	625.3	999.9	99.9	999.9	32.2	92.

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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

7 MAY 1975
1217 GMT

149 53. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.7	6.5	180.0	991.0	17.8	17.3	150.0	2.6	-1.3	2.3	293.4	326.1	12.7	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
0.6	7.9	319.2	975.0	16.1	15.9	178.7	3.1	-0.1	3.1	293.0	323.3	11.7	98.3	0.1	310.
1.6	10.1	541.1	950.0	16.9	14.3	269.3	3.7	3.7	0.0	295.8	324.4	10.9	84.7	0.2	357.
2.4	12.1	768.4	925.0	15.1	11.9	277.2	4.8	4.7	-0.6	296.0	321.1	9.5	80.8	0.3	49.
3.3	14.3	1001.3	900.0	15.8	10.5	290.6	8.2	7.7	-2.9	298.9	322.9	8.9	70.9	0.5	79.
4.1	16.3	1241.0	875.0	15.7	9.6	294.7	12.4	11.2	-5.2	301.3	324.9	8.7	67.2	1.0	95.
5.2	18.6	1486.3	850.0	13.6	6.4	298.7	16.5	14.5	-8.0	301.3	321.0	7.1	61.8	1.8	107.
6.0	20.9	1738.1	825.0	13.4	6.0	298.3	20.1	17.7	-9.5	303.7	323.5	7.1	60.9	2.8	110.
6.7	23.1	1996.6	800.0	11.4	5.7	303.1	20.8	17.5	-11.4	304.2	324.4	7.2	68.0	3.7	113.
7.6	25.4	2261.2	775.0	8.8	4.1	306.9	20.7	16.6	-12.5	304.2	322.8	6.7	72.1	4.7	116.
8.3	27.7	2532.2	750.0	6.6	3.0	307.0	21.3	17.0	-12.8	304.6	322.5	6.4	77.6	5.6	118.
9.1	30.2	2909.3	725.0	3.3	2.0	303.5	23.0	19.1	-12.7	303.9	321.1	6.1	91.4	6.6	119.
10.1	32.8	3093.0	700.0	0.7	-0.2	303.3	27.7	23.1	-15.2	303.9	319.3	5.4	94.0	8.1	120.
11.7	35.3	3385.8	675.0	0.7	0.1	304.6	28.3	23.3	-16.0	307.2	323.6	5.7	95.2	10.9	121.
12.8	37.9	3688.7	650.0	-0.6	-1.2	305.1	25.4	20.8	-14.6	309.0	324.7	5.4	95.8	12.7	121.
13.9	40.5	4002.6	625.0	-1.4	-1.8	308.5	22.7	17.8	-14.1	311.6	327.4	5.4	97.1	14.3	122.
15.4	43.3	4327.7	600.0	-2.7	-3.1	311.9	20.9	15.6	-13.9	313.7	328.7	5.1	97.2	16.2	123.
16.6	46.3	4664.8	575.0	-4.2	-4.7	307.2	19.9	15.9	-12.0	315.6	329.7	4.7	96.4	17.8	124.
18.1	49.3	5014.8	550.0	-6.0	-6.7	297.3	18.5	16.5	-8.5	317.5	330.3	4.2	94.4	19.4	123.
19.8	52.0	5378.0	525.0	-8.5	-9.4	298.2	18.2	16.0	-8.6	318.7	329.7	3.6	92.7	21.2	123.
21.4	55.2	5755.8	500.0	-10.5	-11.8	294.7	17.4	15.8	-7.3	320.6	330.3	3.1	90.0	23.0	122.
23.1	58.3	6149.1	475.0	-13.1	-14.7	290.9	16.6	15.6	-5.9	322.1	330.3	2.6	87.6	24.6	122.
24.8	61.7	6559.4	450.0	-15.5	-17.4	281.3	16.3	16.0	-2.2	323.9	330.9	2.2	85.3	26.3	121.
26.5	65.2	6989.0	425.0	-18.3	-20.6	278.9	18.4	18.1	-2.9	325.6	331.4	1.7	82.5	27.9	120.
28.3	68.7	7438.9	400.0	-21.6	-24.3	265.0	17.2	17.1	1.5	327.0	331.5	1.3	78.3	29.8	118.
30.2	72.3	7911.9	375.0	-24.7	-28.0	258.5	16.8	16.4	3.4	328.9	332.4	1.0	73.8	31.0	116.
32.0	76.3	8410.1	350.0	-28.6	-32.4	256.0	17.9	17.4	4.3	330.2	332.8	0.7	69.2	32.8	114.
33.9	80.4	8936.5	325.0	-32.9	-37.2	256.9	17.3	16.8	3.9	331.3	333.0	0.5	64.8	34.3	112.
35.9	84.8	9493.7	300.0	-38.1	-42.7	266.9	22.6	22.5	1.2	331.6	332.6	0.3	61.3	36.6	110.
38.0	89.4	10086.0	275.0	-43.3	99.9	264.3	22.9	22.8	2.3	332.6	999.9	99.9	999.9	39.1	108.
40.2	94.4	10719.5	250.0	-49.0	99.9	264.8	26.1	26.0	2.4	333.2	999.9	99.9	999.9	42.0	106.
42.5	99.6	11402.4	225.0	-54.9	99.9	265.1	24.3	24.3	2.1	334.4	999.9	99.9	999.9	45.6	105.
45.3	105.4	12143.0	200.0	-61.6	99.9	271.5	30.9	30.9	-0.8	335.2	999.9	99.9	999.9	49.4	103.
48.2	111.7	12956.9	175.0	-68.5	99.9	265.7	33.2	33.1	2.5	336.8	999.9	99.9	999.9	53.1	102.
51.9	118.7	13878.9	150.0	-64.9	99.9	282.2	46.4	45.4	-5.8	338.3	999.9	99.9	999.9	57.0	101.
55.8	126.7	15008.8	125.0	-61.7	99.9	310.9	23.7	17.9	-15.5	383.3	999.9	99.9	999.9	72.6	103.
61.2	135.7	16366.9	100.0	-67.6	99.9	296.4	24.9	22.3	-11.1	397.2	999.9	99.9	999.9	78.2	104.
67.3	144.7	18114.3	75.0	-67.1	99.9	326.8	11.9	6.5	-10.0	432.2	999.9	99.9	999.9	84.7	106.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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