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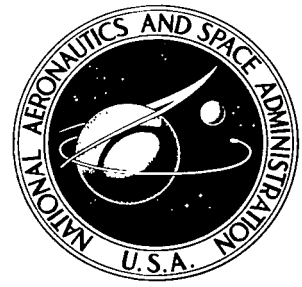

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DATA FOR NASA'S AVSSE I EXPERIMENT: 25 MB SOUNDING DATA AND SYNOPTIC CHARTS

Nancy F. Fucik and Robert E. Turner

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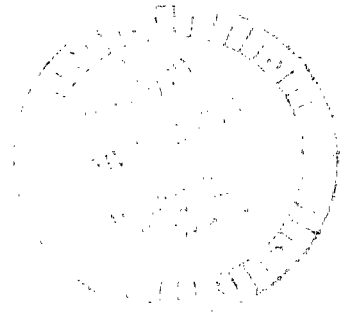

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16. ABSTRACT

This report describes the AVSSE I Experiment and presents tabulated rawinsonde data at 25 mb intervals from the surface to 25 mb for the 24 stations participating in the experiment. Soundings were taken between 1200 GMT, April 27, and 1200 GMT, April 28, 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.

*Texas A&M University, College Station, Texas.

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The tasks of processing the AVSSE I 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.

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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 I EXPERIMENT

Twenty-four rawinsonde stations participated in the AVSSE I experiment. These stations are shown in Figure 1 and listed in Table 2. Soundings were taken at seven time periods – April 27 at 1200, 1500, 1800, and 2100 GMT, and on April 28 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	6-9 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	This report
AVSSE II	6-7 May 1975	5/6 – 12, 15, 18, 21 5/7 – 00, 03, 12	Not yet published

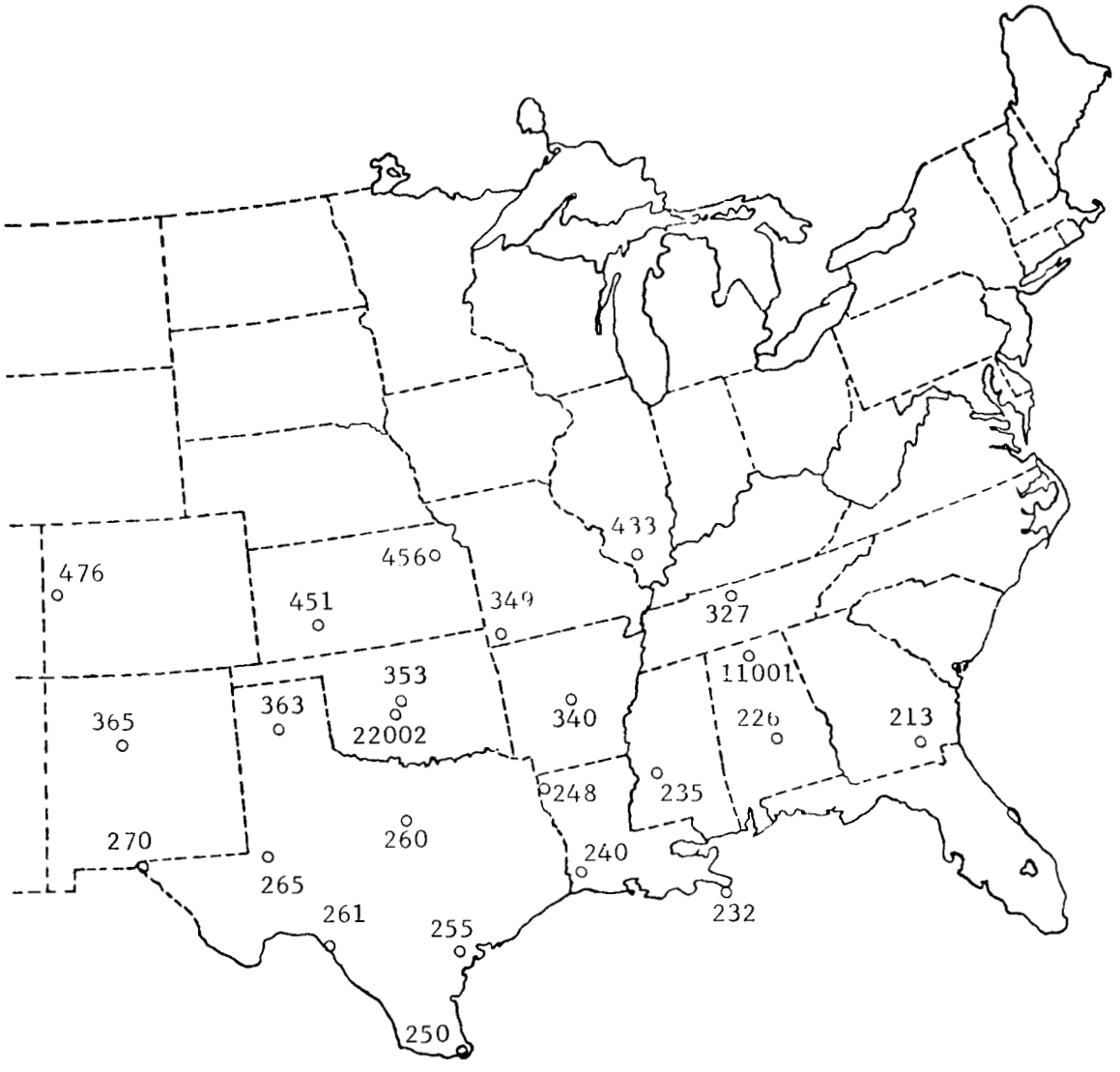

Figure 1. Rawinsonde stations participating in the AVSSE I experiment.

TABLE 2. RAWINSONDE STATIONS PARTICIPATING IN AVSSE I EXPERIMENT

Station Number	Location
213 (AYS)	Waycross, Georgia
226 (CEN)	Centerville, Alabama
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
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 and AVE IV 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

Station	Date/GMT	Error
255 Victoria, Texas	27/2100	No data for first three minutes; recorder not turned on.

The final data sets of the AVSSE I 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 are reflected in all soundings beginning with AVE III and remain in the program for AVSSE I: (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 I 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 I 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 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 I data are the same as those for all AVE experiments and those given by Fuelberg [1]. These estimates are:

Parameter	Approximate rms Error
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 approximately 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 approximately 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 I 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

TABLE 4. EXAMPLE OF CONTACT DATA

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
1115 GMT

166 24. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.7	44.0	1013.6	17.6	17.0	210.0	1.5	0.7	1.3	291.2	322.3	12.1	96.0	0.0	0.
0.2	4.0	83.2	1009.0	19.6	18.9	24.4	4.3	-1.8	-3.9	293.8	329.3	13.8	96.0	0.2	3.
0.5	5.0	187.2	997.0	22.6	20.0	24.4	4.3	-1.8	-3.9	298.0	337.2	15.0	85.5	0.2	3.
1.0	6.0	301.9	984.0	23.0	17.8	69.9	1.2	-1.1	-0.4	299.3	334.3	13.2	72.7	0.1	335.
1.3	7.0	409.1	972.0	22.4	17.1	162.6	1.9	-0.6	1.8	299.6	333.6	12.8	72.3	0.2	341.
1.7	8.0	508.3	961.0	22.4	16.2	175.1	3.0	-0.3	3.0	300.5	332.9	12.1	68.0	0.2	346.
2.0	9.0	608.6	950.0	22.1	16.2	171.6	2.4	-0.4	2.4	301.3	334.4	12.3	69.2	0.3	349.
2.4	10.0	719.3	938.0	21.5	15.8	149.7	1.5	-0.8	1.3	301.7	334.2	12.1	69.9	0.3	347.
2.8	11.0	840.4	925.0	20.8	14.8	139.1	1.7	-1.1	1.3	302.2	333.2	11.5	68.2	0.4	344.
3.2	12.0	944.0	914.0	20.0	14.0	138.8	2.2	-1.5	1.7	302.3	332.2	11.1	68.4	0.4	342.
3.6	13.0	1048.5	903.0	19.4	13.0	135.6	2.8	-1.9	2.0	302.6	331.1	10.5	66.7	0.5	339.
3.9	14.0	1154.1	892.0	18.9	12.2	127.0	3.0	-2.4	1.8	303.2	330.7	10.1	65.1	0.5	337.
4.3	15.0	1251.0	882.0	17.9	13.0	115.9	3.4	-3.0	1.5	303.1	332.3	10.7	72.8	0.6	332.
4.8	16.0	1378.2	869.0	16.9	14.8	108.7	3.6	-3.4	1.1	303.6	336.9	12.3	87.7	0.7	326.
5.1	17.0	1477.1	859.0	15.9	14.4	106.2	3.5	-3.3	1.0	303.5	336.4	12.2	91.1	0.7	322.
5.5	18.0	1586.9	848.0	15.1	13.2	102.2	3.3	-3.2	0.7	303.7	334.6	11.4	88.6	0.8	319.
5.9	19.0	1687.6	838.0	14.7	12.4	86.7	2.9	-2.9	-0.2	304.2	334.0	10.9	86.2	0.8	315.
6.2	20.0	1789.3	828.0	13.9	11.4	72.2	2.6	-2.5	-0.8	304.4	332.5	10.3	84.4	0.9	313.
6.7	21.0	1923.1	815.0	13.4	10.6	55.9	2.4	-2.0	-1.4	305.1	332.4	9.9	83.4	0.9	308.
7.0	22.0	2027.1	805.0	12.4	9.8	56.3	2.3	-1.9	-1.3	305.1	331.4	9.5	84.1	0.9	305.
7.4	23.0	2132.1	795.0	11.5	9.2	56.1	1.9	-1.6	-1.0	305.2	330.8	9.3	85.9	0.9	302.
7.8	24.0	2227.4	786.0	10.7	8.6	52.8	1.4	-1.1	-0.8	305.3	330.1	9.0	86.3	0.9	299.
8.1	25.0	2334.3	776.0	9.8	7.7	44.7	1.0	-0.7	-0.7	305.4	329.2	8.6	86.5	0.9	298.
8.6	26.0	2464.0	764.0	9.5	7.2	358.8	0.7	0.0	-0.7	306.4	329.8	8.4	85.7	0.9	297.
8.9	27.0	2573.5	754.0	8.9	5.7	333.5	1.0	0.4	-0.9	306.8	328.4	7.7	80.1	0.9	297.
9.3	28.0	2673.1	745.0	8.2	6.0	326.7	1.5	0.8	-1.2	307.1	329.4	7.9	86.0	0.9	296.
9.6	29.0	2773.6	736.0	7.2	5.2	328.3	1.8	0.9	-1.5	307.0	328.3	7.6	87.1	0.9	295.
9.9	30.0	2886.2	726.0	6.3	4.5	333.8	2.0	0.9	-1.8	307.2	327.9	7.3	88.4	0.8	295.
10.3	31.0	2988.7	717.0	5.6	4.1	341.0	2.2	0.7	-2.1	307.5	327.9	7.2	89.9	0.8	292.
10.6	32.0	3092.1	708.0	4.8	2.9	345.4	2.2	0.6	-2.1	307.7	326.7	6.7	87.8	0.8	289.
11.0	33.0	3196.5	699.0	3.9	2.4	349.4	2.1	0.4	-2.0	307.8	326.4	6.5	89.7	0.7	285.
11.4	34.0	3301.9	690.0	3.1	2.4	347.7	1.9	0.4	-1.8	308.0	326.9	6.6	95.3	0.7	282.
11.7	35.0	3408.4	681.0	2.3	1.2	342.5	1.8	0.6	-1.7	308.2	325.9	6.2	92.7	0.7	280.
12.2	36.0	3540.2	670.0	2.0	0.2	331.6	2.1	1.0	-1.9	309.2	326.0	5.8	88.2	0.7	276.
12.5	37.0	3649.5	661.0	1.6	-3.3	327.1	2.5	1.4	-2.1	309.9	323.2	4.6	69.7	0.7	274.
12.9	38.0	3747.7	653.0	1.5	-5.4	325.8	3.2	1.8	-2.7	310.7	322.3	3.9	60.0	0.6	271.
13.3	39.0	3847.0	645.0	1.3	-10.0	323.7	3.9	2.3	-3.1	311.5	319.9	2.8	42.5	0.6	262.
13.6	40.0	3960.0	636.0	0.7	-12.2	320.9	4.2	2.7	-3.3	311.9	319.2	2.4	37.4	0.6	254.
14.1	41.0	4087.1	626.0	-0.1	-13.5	312.2	4.5	3.3	-3.0	312.4	319.1	2.2	35.6	0.5	241.
14.4	42.0	4190.1	618.0	-0.4	-14.1	305.2	4.6	3.7	-2.6	313.2	319.7	2.1	34.7	0.5	232.
14.8	43.0	4307.2	609.0	-1.1	-14.9	296.2	4.6	4.1	-2.0	313.8	320.0	2.0	34.1	0.5	219.
15.3	44.0	4412.6	601.0	-1.7	-19.5	288.3	4.5	4.3	-1.4	314.2	318.5	1.4	24.2	0.4	202.
15.6	45.0	4519.2	593.0	-2.0	-22.6	286.3	4.4	4.3	-1.2	315.0	318.4	1.0	18.8	0.4	191.
16.0	46.0	4627.0	585.0	-2.5	-26.7	288.2	4.3	4.1	-1.3	315.6	318.0	0.7	13.5	0.4	176.
16.4	47.0	4722.4	578.0	-2.8	-51.7	294.6	4.3	3.9	-1.8	316.2	316.4	0.1	1.0	0.5	168.

* 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. 213
WAYCROSS, GA

27 APRIL 1975
1115 GMT

166 24. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
16.8	48.0	4832.7	570.0	-3.2	-52.0	301.5	4.3	3.7	-2.3	317.0	317.2	0.1	1.0	0.6	159.
17.2	49.0	4944.3	562.0	-4.0	-48.7	309.1	4.5	3.5	-2.8	317.3	317.6	0.1	1.6	0.7	154.
17.6	50.0	5042.9	555.0	-4.9	-53.0	317.7	4.8	3.2	-3.5	317.4	317.6	0.0	1.0	0.8	151.
18.1	51.0	5185.6	545.0	-5.7	-53.5	329.6	5.2	2.6	-4.5	318.2	318.3	0.0	1.0	0.9	148.
18.5	52.0	5301.2	537.0	-6.7	-54.2	337.4	5.5	2.1	-5.0	318.3	318.4	0.0	1.0	1.0	150.
18.9	53.0	5403.5	530.0	-7.4	-54.6	340.9	5.3	1.7	-5.0	318.6	318.7	0.0	1.0	1.2	152.
19.3	54.0	5506.8	523.0	-8.5	-55.3	341.4	5.0	1.6	-4.7	318.6	318.7	0.0	1.0	1.3	153.
19.7	55.0	5626.2	515.0	-9.0	-55.6	339.6	4.6	1.6	-4.3	319.3	319.4	0.0	1.0	1.4	154.
20.1	56.0	5762.3	506.0	-9.9	-56.2	335.8	4.4	1.8	-4.0	319.8	320.0	0.0	1.0	1.5	154.
20.6	57.0	5854.2	500.0	-10.8	-56.7	330.2	4.5	2.2	-3.9	319.9	320.0	0.0	1.0	1.6	154.
21.0	58.0	5977.9	492.0	-11.6	-57.3	326.8	4.9	2.7	-4.1	320.3	320.4	0.0	1.0	1.7	154.
21.4	59.0	6071.8	486.0	-12.2	-57.6	324.8	5.6	3.2	-4.5	320.7	320.8	0.0	1.0	1.9	153.
21.8	60.0	6182.5	479.0	-13.2	-58.3	323.8	6.0	3.6	-4.9	320.8	321.0	0.0	1.0	2.0	152.
22.2	61.0	6294.4	472.0	-14.1	-58.9	322.8	6.6	4.0	-5.3	321.0	321.1	0.0	1.0	2.2	152.
22.6	62.0	6407.6	465.0	-15.0	-57.4	322.1	6.7	4.1	-5.3	321.3	321.5	0.0	1.3	2.3	151.
23.0	63.0	6505.6	459.0	-15.9	-42.3	321.4	6.5	4.0	-5.1	321.3	322.0	0.2	8.2	2.5	150.
23.4	64.0	6621.2	452.0	-16.8	-48.4	321.4	6.1	3.8	-4.8	321.7	322.1	0.1	4.4	2.7	150.
23.7	65.0	6738.2	445.0	-17.6	-50.0	322.0	6.0	3.7	-4.8	322.1	322.4	0.1	4.0	2.8	149.
24.3	66.0	6873.7	437.0	-18.8	-50.5	324.4	6.2	3.6	-5.1	322.2	322.5	0.1	4.1	3.0	149.
24.6	67.0	6976.5	431.0	-19.6	-48.9	326.0	6.4	3.6	-5.3	322.5	322.8	0.1	5.4	3.1	149.
25.1	68.0	7080.4	425.0	-20.6	-44.7	328.4	6.9	3.6	-5.9	322.6	323.2	0.2	9.4	3.3	149.
25.5	69.0	7203.1	418.0	-21.7	-42.1	329.1	7.3	3.8	-6.3	322.7	323.5	0.2	13.6	3.4	149.
25.9	70.0	7309.4	412.0	-22.3	-42.0	328.1	8.1	4.3	-6.9	323.2	324.0	0.2	14.7	3.6	149.
26.5	71.0	7435.1	405.0	-23.3	-43.0	327.1	9.6	5.2	-8.0	323.6	324.3	0.2	14.3	3.9	149.
26.9	72.0	7544.2	399.0	-24.1	-43.9	328.3	10.7	5.6	-9.1	323.9	324.6	0.2	13.9	4.2	148.
27.3	73.0	7654.6	393.0	-24.9	-44.5	330.5	11.5	5.6	-10.0	324.2	324.9	0.2	14.0	4.4	149.
27.7	74.0	7766.3	387.0	-25.8	-45.2	333.1	11.9	5.4	-10.6	324.5	325.1	0.2	14.1	4.7	149.
28.1	75.0	7879.4	381.0	-26.1	-49.4	336.0	12.0	4.9	-10.9	325.5	326.0	0.1	9.0	5.0	149.
28.6	76.0	7994.2	375.0	-26.6	-57.7	339.1	11.8	4.2	-11.1	326.3	326.5	0.0	3.5	5.4	150.
29.0	77.0	8090.9	370.0	-27.5	-59.5	340.6	11.8	3.9	-11.2	326.3	326.5	0.0	3.0	5.7	150.
29.5	78.0	8208.3	364.0	-28.6	-57.4	340.8	11.8	3.9	-11.1	326.4	326.6	0.0	4.3	6.0	151.
29.9	79.0	8327.1	358.0	-29.5	-55.3	340.1	11.6	3.9	-10.9	326.7	327.0	0.1	6.1	6.3	151.
30.3	80.0	8427.3	353.0	-30.5	-54.5	339.1	11.4	4.1	-10.7	326.8	327.0	0.1	7.4	6.6	152.
30.9	81.0	8569.3	346.0	-31.7	-53.2	337.7	11.8	4.5	-10.9	327.0	327.3	0.1	9.7	7.0	152.
31.3	82.0	8692.8	340.0	-32.7	-53.1	336.8	12.4	4.9	-11.4	327.2	327.5	0.1	10.9	7.3	152.
31.8	83.0	8797.0	335.0	-33.5	-53.7	335.4	13.3	5.5	-12.1	327.5	327.8	0.1	11.0	7.6	153.
32.3	84.0	8902.4	330.0	-34.1	-55.8	333.9	14.2	6.2	-12.8	328.2	328.4	0.1	9.0	8.0	153.
32.7	85.0	9030.7	324.0	-34.9	-56.8	333.1	14.9	6.8	-13.3	328.8	329.0	0.1	8.5	8.4	153.
33.2	86.0	9160.8	318.0	-35.8	-58.0	332.4	15.8	7.3	-14.0	329.2	329.4	0.0	8.1	8.9	153.
33.6	87.0	9270.8	313.0	-36.8	-58.1	331.8	16.6	7.8	-14.6	329.4	329.6	0.0	8.8	9.2	153.
34.0	88.0	9382.0	308.0	-37.8	-59.3	330.9	17.4	8.4	-15.2	329.6	329.7	0.0	8.3	9.6	153.
34.5	89.0	9494.6	303.0	-38.9	99.9	329.3	18.4	9.4	-15.8	329.7	999.9	99.9	999.9	10.2	152.
34.9	90.0	9608.6	298.0	-39.7	99.9	328.1	19.0	10.0	-16.1	330.1	999.9	99.9	999.9	10.7	152.
35.3	91.0	9724.1	293.0	-40.7	99.9	327.8	19.4	10.3	-16.4	330.3	999.9	99.9	999.9	11.1	152.
35.8	92.0	9841.1	288.0	-41.5	99.9	329.5	19.9	10.1	-17.2	330.7	999.9	99.9	999.9	11.7	152.

* 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. 213
WAYCROSS, GA

27 APRIL 1975
1115 GMT

166 24. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	93.0	9959.7	283.0	-42.2	99.9	332.6	20.6	9.5	-18.3	331.4	999.9	99.9	999.9	12.2	152.
36.6	94.0	10055.8	279.0	-43.1	99.9	336.7	21.8	8.6	-20.0	331.5	999.9	99.9	999.9	12.7	152.
37.1	95.0	10177.5	274.0	-43.9	99.9	342.0	23.7	7.3	-22.6	332.0	999.9	99.9	999.9	13.3	152.
37.6	96.0	10325.9	268.0	-44.6	99.9	346.4	25.9	6.1	-25.2	333.0	999.9	99.9	999.9	14.1	153.
38.0	97.0	10451.7	263.0	-45.5	99.9	349.1	27.5	5.2	-27.0	333.5	999.9	99.9	999.9	14.7	153.
38.5	98.0	10553.6	259.0	-46.8	99.9	351.1	29.3	4.5	-28.9	333.0	999.9	99.9	999.9	15.5	154.
38.9	99.0	10656.6	255.0	-47.7	99.9	351.6	30.5	4.4	-30.2	333.2	999.9	99.9	999.9	16.2	155.
39.4	100.0	10787.1	250.0	-48.6	99.9	351.7	31.4	4.6	-31.1	333.8	999.9	99.9	999.9	17.1	156.
40.0	101.0	10919.6	245.0	-49.7	99.9	351.3	31.5	4.8	-31.2	334.1	999.9	99.9	999.9	18.2	157.
40.5	102.0	11054.3	240.0	-50.6	99.9	350.3	30.6	5.1	-30.2	334.7	999.9	99.9	999.9	19.1	158.
41.0	103.0	11163.6	236.0	-51.4	99.9	348.4	29.3	5.9	-28.7	335.1	999.9	99.9	999.9	20.1	158.
41.5	104.0	11274.3	232.0	-52.5	99.9	346.2	28.4	6.8	-27.6	335.0	999.9	99.9	999.9	20.8	159.
41.9	105.0	11386.5	228.0	-53.5	99.9	345.1	28.2	7.2	-27.3	335.2	999.9	99.9	999.9	21.5	159.
42.4	106.0	11500.2	224.0	-54.2	99.9	344.4	28.8	7.7	-27.7	335.9	999.9	99.9	999.9	22.4	159.
42.9	107.0	11644.6	219.0	-55.3	99.9	343.8	30.1	8.4	-28.9	336.3	999.9	99.9	999.9	23.2	159.
43.4	108.0	11762.0	215.0	-56.2	99.9	343.1	31.8	9.3	-30.5	336.8	999.9	99.9	999.9	24.2	159.
43.9	109.0	11851.8	212.0	-57.2	99.9	342.3	34.0	10.4	-32.4	336.5	999.9	99.9	999.9	25.1	160.
44.5	110.0	11971.2	208.0	-58.4	99.9	341.7	36.9	11.6	-35.1	336.4	999.9	99.9	999.9	26.4	160.
45.0	111.0	12124.0	203.0	-59.2	99.9	342.3	38.5	11.7	-36.7	337.7	999.9	99.9	999.9	27.6	160.
45.4	112.0	12248.4	199.0	-60.1	99.9	343.2	39.0	11.3	-37.3	338.2	999.9	99.9	999.9	28.5	160.
45.9	113.0	12374.8	195.0	-61.2	99.9	344.1	39.5	10.8	-37.9	338.3	999.9	99.9	999.9	29.7	160.
46.4	114.0	12503.2	191.0	-62.3	99.9	344.2	39.7	10.8	-38.2	338.5	999.9	99.9	999.9	30.9	160.
46.9	115.0	12600.7	188.0	-63.3	99.9	343.1	39.2	11.4	-37.5	338.5	999.9	99.9	999.9	32.1	160.
47.5	116.0	12756.1	183.0	-64.1	99.9	340.8	38.1	12.5	-36.0	339.8	999.9	99.9	999.9	33.4	160.
47.9	117.0	12867.3	180.0	-64.5	99.9	339.2	37.9	13.5	-35.4	340.8	999.9	99.9	999.9	34.4	160.
48.4	118.0	13004.5	176.0	-64.9	99.9	337.0	38.6	15.1	-35.5	342.3	999.9	99.9	999.9	35.5	160.
48.9	119.0	13109.1	173.0	-66.1	99.9	334.7	40.6	17.3	-36.7	342.0	999.9	99.9	999.9	36.6	160.
49.3	120.0	13250.6	169.0	-67.2	99.9	333.7	41.7	18.5	-37.4	342.5	999.9	99.9	999.9	37.6	160.
49.8	121.0	13358.4	166.0	-68.0	99.9	333.9	41.3	18.1	-37.1	342.8	999.9	99.9	999.9	39.0	160.
50.3	122.0	13504.6	162.0	-68.9	99.9	335.2	39.0	16.3	-35.4	343.7	999.9	99.9	999.9	40.2	160.
50.7	123.0	13616.2	159.0	-69.6	99.9	336.0	37.2	15.1	-34.0	344.4	999.9	99.9	999.9	41.1	160.
51.2	124.0	13729.7	156.0	-69.8	99.9	336.1	36.0	14.6	-32.9	345.9	999.9	99.9	999.9	42.1	159.
51.7	125.0	13884.2	152.0	-70.5	99.9	335.6	35.7	14.8	-32.5	347.3	999.9	99.9	999.9	43.2	159.
52.3	126.0	14042.1	148.0	-71.3	99.9	335.0	34.6	14.6	-31.3	348.7	999.9	99.9	999.9	44.5	159.
52.7	127.0	14163.6	145.0	-70.1	99.9	334.4	32.9	14.2	-29.6	352.8	999.9	99.9	999.9	45.3	159.
53.3	128.0	14246.7	143.0	-67.8	99.9	331.5	29.8	14.2	-26.2	358.1	999.9	99.9	999.9	46.4	159.
53.8	129.0	14417.6	139.0	-67.2	99.9	325.8	28.4	16.0	-23.5	362.2	999.9	99.9	999.9	47.3	159.
54.4	130.0	14549.7	136.0	-65.7	99.9	318.0	29.3	19.6	-21.8	367.1	999.9	99.9	999.9	48.2	159.
55.0	131.0	14731.3	132.0	-65.3	99.9	315.2	32.3	22.8	-22.9	371.0	999.9	99.9	999.9	49.1	158.
55.6	132.0	14871.5	129.0	-64.5	99.9	315.1	31.6	22.3	-22.4	374.9	999.9	99.9	999.9	50.4	157.
56.1	133.0	15015.5	126.0	-64.1	99.9	313.4	26.8	19.5	-18.4	378.1	999.9	99.9	999.9	51.4	157.
56.6	134.0	15162.8	123.0	-64.9	99.9	310.4	21.8	16.6	-14.1	379.3	999.9	99.9	999.9	51.8	157.
57.2	135.0	15313.3	120.0	-65.3	99.9	310.1	20.5	15.7	-13.2	381.2	999.9	99.9	999.9	52.4	156.
57.9	136.0	15467.3	117.0	-65.7	99.9	314.3	23.4	16.7	-16.3	383.2	999.9	99.9	999.9	53.2	156.
58.5	137.0	15625.0	114.0	-65.9	99.9	317.5	26.3	17.7	-19.4	385.7	999.9	99.9	999.9	54.1	156.

* 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. 213
WAYCROSS, GA

27 APRIL 1975
1115 GMT

166 24. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.2	138.0	15786.9	111.0	-65.9	99.9	319.4	28.3	18.4	-21.5	388.6	999.9	99.9	999.9	55.2	155.
59.9	139.0	16009.4	107.0	-66.5	99.9	321.5	28.6	17.8	-22.4	391.5	999.9	99.9	999.9	56.4	155.
60.6	140.0	16181.4	104.0	-66.7	99.9	324.6	26.6	15.4	-21.6	394.3	999.9	99.9	999.9	57.6	155.
61.3	141.0	16358.1	101.0	-67.4	99.9	326.8	23.8	13.0	-19.9	396.4	999.9	99.9	999.9	58.6	155.
62.0	142.0	16539.0	98.0	-69.2	99.9	325.1	23.0	13.1	-18.8	396.4	999.9	99.9	999.9	59.5	155.
62.7	143.0	16725.5	95.0	-67.6	99.9	319.0	24.7	16.2	-18.7	403.0	999.9	99.9	999.9	60.5	154.
63.5	144.0	16984.6	91.0	-67.4	99.9	313.1	25.7	18.7	-17.5	408.4	999.9	99.9	999.9	61.7	154.
64.3	145.0	17186.6	88.0	-67.6	99.9	313.9	24.2	17.4	-16.8	411.9	999.9	99.9	999.9	62.8	153.
65.0	146.0	17395.3	85.0	-67.8	99.9	315.2	21.5	15.1	-15.3	415.6	999.9	99.9	999.9	63.8	153.
65.8	147.0	17611.8	82.0	-67.0	99.9	313.5	19.2	13.9	-13.2	421.6	999.9	99.9	999.9	64.6	153.
66.5	148.0	17836.7	79.0	-67.4	99.9	312.9	18.3	13.4	-12.4	425.3	999.9	99.9	999.9	65.4	153.
67.4	149.0	18071.7	76.0	-64.5	99.9	318.7	15.2	10.0	-11.4	436.1	999.9	99.9	999.9	66.3	152.
68.3	150.0	18317.1	73.0	-65.7	99.9	313.3	10.3	7.5	-7.1	438.6	999.9	99.9	999.9	67.0	152.
69.1	151.0	18485.5	71.0	-65.7	99.9	307.2	8.9	7.1	-5.4	442.1	999.9	99.9	999.9	67.3	152.
70.0	152.0	18749.2	68.0	-64.3	99.9	314.8	10.2	7.2	-7.1	450.6	999.9	99.9	999.9	67.8	152.
70.9	153.0	19024.3	65.0	-65.7	99.9	311.6	8.0	6.0	-5.3	453.4	999.9	99.9	999.9	68.4	152.
71.8	154.0	19311.0	62.0	-66.3	99.9	324.3	6.5	3.8	-5.3	458.1	999.9	99.9	999.9	68.6	152.
72.8	155.0	19614.9	59.0	-61.5	99.9	346.6	9.9	2.3	-9.7	475.4	999.9	99.9	999.9	69.1	152.
73.8	156.0	19937.4	56.0	-62.9	99.9	347.3	8.5	1.9	-8.3	479.5	999.9	99.9	999.9	69.7	152.
74.8	157.0	20162.0	54.0	-61.7	99.9	357.8	6.4	0.2	-6.4	487.2	999.9	99.9	999.9	70.1	152.
75.9	158.0	20517.0	51.0	-60.4	99.9	356.5	7.5	0.5	-7.5	498.3	999.9	99.9	999.9	70.4	152.
77.0	159.0	20895.8	48.0	-59.3	99.9	0.7	4.1	-0.1	-4.1	509.6	999.9	99.9	999.9	71.1	152.
78.2	160.0	21300.2	45.0	-59.2	99.9	159.9	6.6	-2.3	6.2	519.5	999.9	99.9	999.9	70.8	152.
79.4	161.0	21585.1	43.0	-59.2	99.9	135.7	9.3	-6.5	6.7	526.3	999.9	99.9	999.9	70.0	152.
80.7	162.0	22041.4	40.0	-56.3	99.9	11.5	3.3	-0.7	-3.2	544.4	999.9	99.9	999.9	69.8	153.
82.1	163.0	22539.6	37.0	-53.7	99.9	43.5	5.6	-3.8	-4.0	563.5	999.9	99.9	999.9	70.2	153.
83.6	164.0	22897.0	35.0	-53.5	99.9	32.2	8.6	-4.6	-7.3	572.9	999.9	99.9	999.9	70.3	153.
85.1	165.0	23476.6	32.0	-51.1	99.9	36.8	5.3	-3.1	-4.2	594.2	999.9	99.9	999.9	70.6	154.
86.7	166.0	24119.3	29.0	-49.4	99.9	176.1	3.4	-0.2	3.4	615.9	999.9	99.9	999.9	70.6	154.
88.4	167.0	24836.7	26.0	-48.3	99.9	156.8	3.9	-1.5	3.6	638.5	999.9	99.9	999.9	70.5	154.
90.5	168.0	25362.5	24.0	-49.1	99.9	999.9	99.9	99.9	99.9	651.0	999.9	99.9	999.9	999.9	999.

TABLE 4. (Concluded)

TABLE 5. EXPLANATION OF COLUMN HEADINGS OF TABULATED SOUNDING DATA FOR THE AVSSE I 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°. A 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 SOUNDINGS NOT TAKEN IN THE AVSSE I EXPERIMENT

Station	Date/Time
226 Centerville, Alabama	27/1500 27/1800 27/2100 28/0300
349 Monett, Missouri	27/1500 27/1800 27/2100 28/0300
433 Salem, Illinois	27/1500 27/1800 27/2100 28/0300
451 Dodge City, Kansas	27/1500 27/1800 27/2100 28/0300
476 Grand Junction, Colorado	27/1500 27/1800 27/2100 28/0300
232 Boothville, Louisiana	28/0300
248 Shreveport, Louisiana	28/0300
340 Little Rock, Arkansas	28/0300
353 Oklahoma City, Oklahoma	28/0300

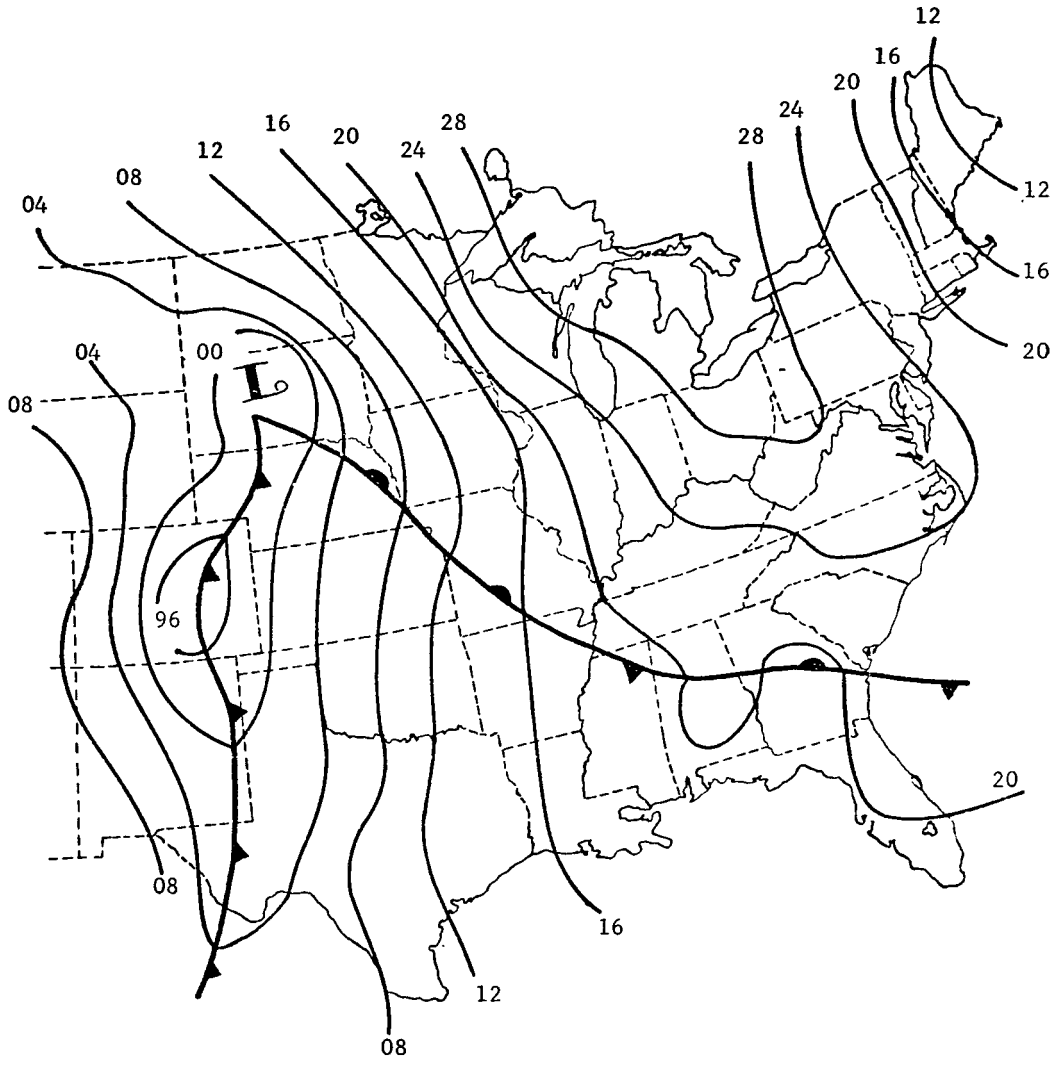

Figure 2. Synoptic chart for the surface at 1200 GMT, 27 April 1975.

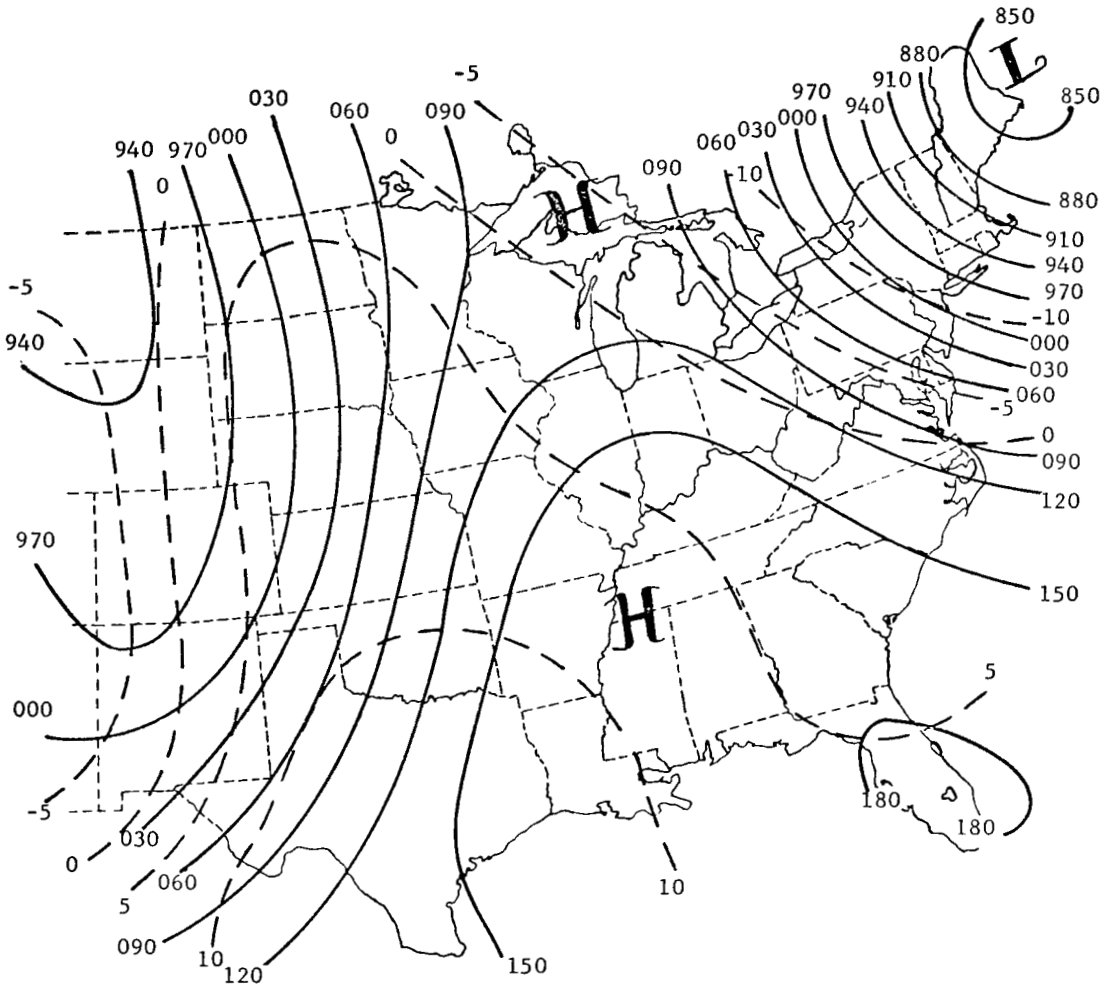

Figure 3. Synoptic chart for the 700 mb level at 1200 GMT, 27 April 1975.

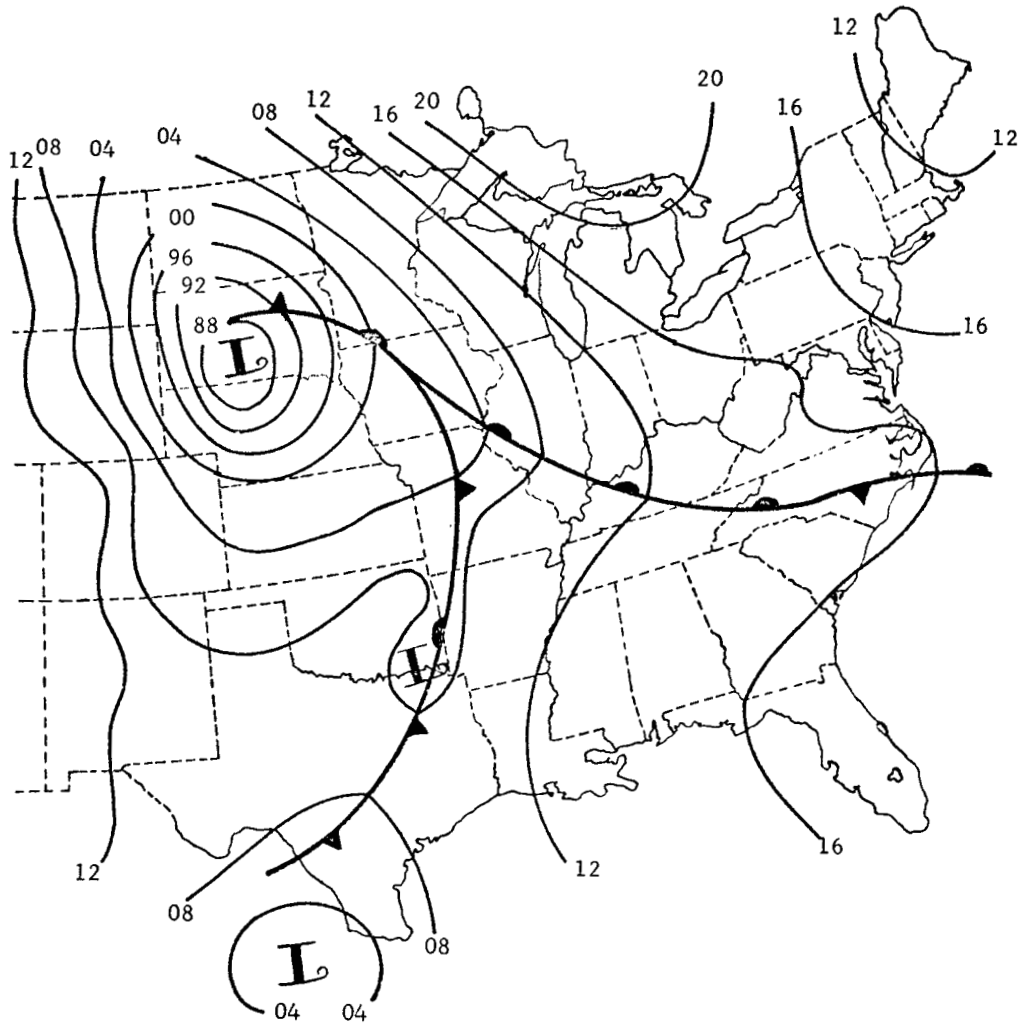

Figure 4. Synoptic chart for the surface at 1200 GMT, 28 April 1975.

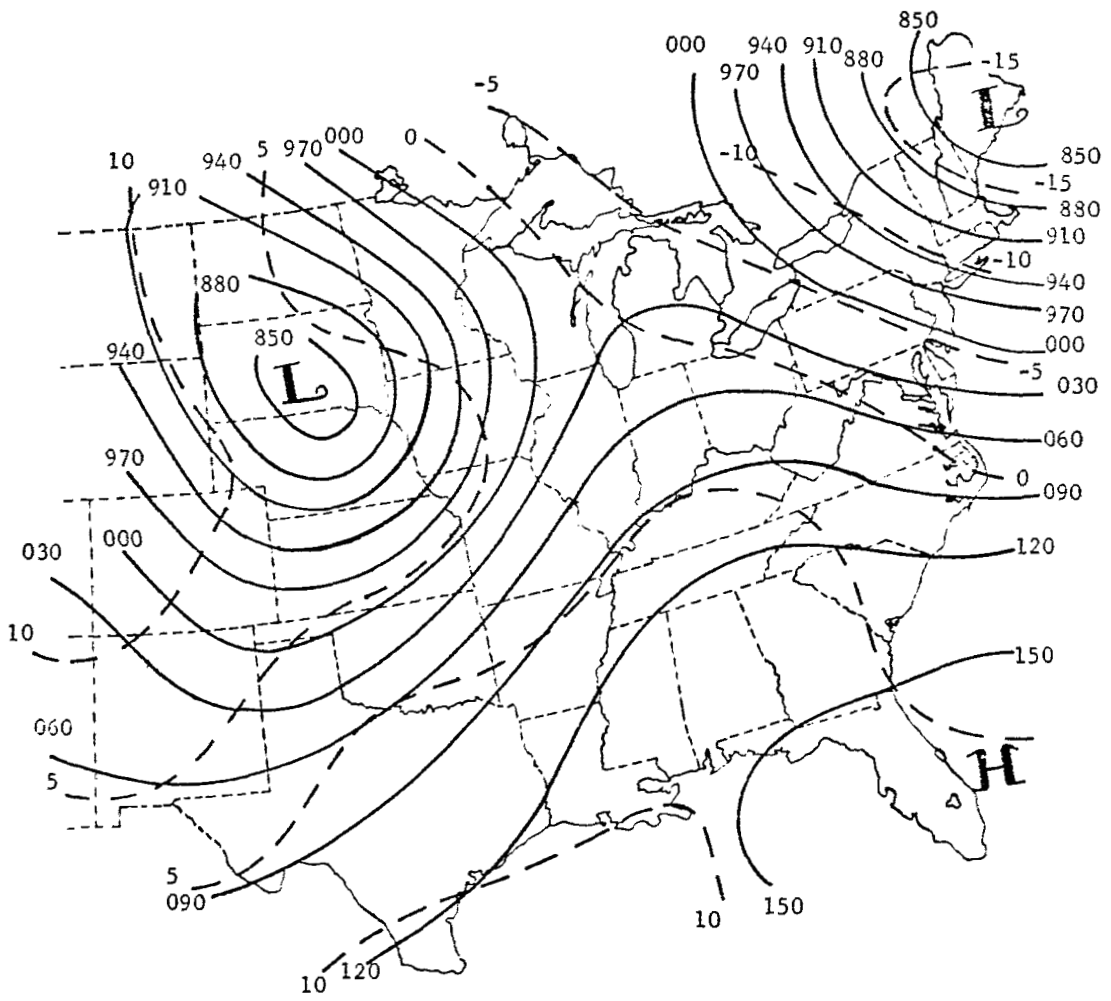

Figure 5. Synoptic chart for the 700 mb level at 1200 GMT, 28 April 1975.

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APPENDIX

SOUNDING DATA

These data are presented on microfiche as follows:

NASA-Langley, 1976

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

By Nancy F. Fucik and Robert E. Turner

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
1115 GMT

166 24. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	44.0	1013.6	17.6	17.0	210.0	1.5	0.7	1.3	291.2	322.3	12.1	96.0	0.0	0.
0.4	4.8	161.2	1000.0	21.8	19.7	24.4	4.3	-1.8	-3.9	296.9	335.2	14.7	88.2	0.2	3.
1.2	6.8	382.3	975.0	22.5	17.3	150.5	1.4	-0.7	1.3	299.6	333.7	12.9	72.4	0.1	339.
2.0	9.0	608.6	950.0	22.1	16.2	171.6	2.4	-0.4	2.4	301.3	334.4	12.3	69.2	0.3	349.
2.8	11.0	840.4	925.0	20.8	14.8	139.1	1.7	-1.1	1.3	302.2	333.2	11.5	68.2	0.4	344.
3.7	13.3	1077.3	900.0	19.2	12.8	133.2	2.8	-2.0	1.9	302.7	331.0	10.4	66.2	0.5	338.
4.6	15.5	1319.5	875.0	17.4	14.0	111.9	3.5	-3.2	1.3	303.4	334.8	11.6	80.8	0.6	328.
5.4	17.8	1566.9	850.0	15.2	13.5	103.0	3.3	-3.2	0.7	303.7	334.9	11.5	89.1	0.8	319.
6.3	20.2	1820.2	825.0	13.8	11.2	68.7	2.6	-2.4	-0.9	304.5	332.5	10.2	84.2	0.9	311.
7.2	22.5	2079.6	800.0	12.0	9.5	56.2	2.1	-1.7	-1.2	305.1	331.1	9.4	85.0	0.9	303.
8.1	25.1	2345.1	775.0	9.8	7.7	42.2	1.0	-0.7	-0.7	305.5	329.2	8.5	86.4	0.9	298.
9.1	27.4	2617.8	750.0	8.6	5.8	329.8	1.2	0.6	-1.0	307.0	328.8	7.8	82.7	0.9	297.
9.9	30.1	2897.6	725.0	6.2	4.5	334.7	2.1	0.9	-1.9	307.3	327.9	7.3	88.6	0.8	294.
11.0	32.9	3184.9	700.0	4.0	2.5	349.0	2.1	0.4	-2.0	307.8	326.5	6.6	89.5	0.8	285.
12.0	35.5	3480.3	675.0	2.1	0.7	336.1	2.0	0.8	-1.8	308.8	326.0	6.0	90.2	0.7	278.
13.0	38.4	3784.9	650.0	1.4	-7.1	324.9	3.5	2.0	-2.8	311.0	321.4	3.5	53.5	0.6	267.
14.1	41.1	4100.0	625.0	-0.2	-13.6	311.3	4.5	3.4	-3.0	312.5	319.2	2.1	35.5	0.5	240.
15.3	44.1	4425.9	600.0	-1.7	-19.9	288.0	4.5	4.3	-1.4	314.3	318.5	1.3	23.5	0.4	200.
16.5	47.4	4763.8	575.0	-3.0	-51.8	297.2	4.3	3.8	-2.0	316.5	316.7	0.1	1.0	0.5	164.
17.8	50.5	5114.3	550.0	-5.3	-53.3	323.9	4.9	2.9	-4.0	317.8	318.0	0.0	1.0	0.8	150.
19.2	53.7	5477.3	525.0	-8.2	-55.1	341.3	5.1	1.6	-4.8	318.6	318.7	0.0	1.0	1.3	153.
20.6	57.0	5854.2	500.0	-10.8	-56.7	330.2	4.5	2.2	-3.9	319.9	320.0	0.0	1.0	1.6	154.
22.0	60.6	6246.4	475.0	-13.7	-58.6	323.2	6.4	3.8	-5.1	320.9	321.0	0.0	1.0	2.1	152.
23.5	64.3	6654.6	450.0	-17.0	-48.9	321.5	6.1	3.8	-4.8	321.8	322.2	0.1	4.3	2.7	150.
25.1	68.0	7080.4	425.0	-20.6	-44.7	328.4	6.9	3.6	-5.9	322.6	323.2	0.2	9.4	3.3	149.
26.8	71.8	7526.0	400.0	-23.9	-43.8	328.2	10.5	5.5	-8.9	323.8	324.5	0.2	13.9	4.1	148.
28.6	76.0	7994.2	375.0	-26.6	-57.7	339.1	11.8	4.2	-11.1	326.3	326.5	0.0	3.5	5.4	150.
30.6	80.4	8488.2	350.0	-31.0	-54.0	338.5	11.6	4.2	-10.8	326.9	327.2	0.1	8.4	6.7	152.
32.6	84.8	9009.3	325.0	-34.8	-56.7	333.2	14.8	6.7	-13.2	328.7	328.9	0.1	8.6	8.3	153.
34.7	89.6	9563.0	300.0	-39.4	99.9	328.6	18.7	9.8	-16.0	329.9	999.9	99.9	999.9	10.5	152.
37.0	94.8	10153.2	275.0	-43.8	99.9	341.0	23.3	7.6	-22.0	331.9	999.9	99.9	999.9	13.2	152.
39.4	100.0	10787.1	250.0	-48.6	99.9	351.7	31.4	4.6	-31.1	333.8	999.9	99.9	999.9	17.1	156.
42.3	105.8	11471.7	225.0	-54.0	99.9	344.6	28.6	7.6	-27.6	335.8	999.9	99.9	999.9	22.2	159.
45.3	111.8	12217.3	200.0	-59.8	99.9	342.9	38.9	11.4	-37.2	338.0	999.9	99.9	999.9	28.3	160.
48.6	118.3	13039.4	175.0	-65.3	99.9	336.2	39.3	15.8	-35.9	342.2	999.9	99.9	999.9	35.8	160.
52.0	125.5	13963.1	150.0	-70.9	99.9	335.3	35.1	14.7	-31.9	348.0	999.9	99.9	999.9	43.8	159.
56.3	133.3	15064.6	125.0	-64.3	99.9	312.5	25.1	18.5	-17.0	378.5	999.9	99.9	999.9	51.5	157.
61.5	141.3	16418.4	100.0	-68.0	99.9	326.3	23.5	13.0	-19.5	396.4	999.9	99.9	999.9	58.9	155.
67.7	149.3	18153.5	75.0	-64.9	99.9	317.3	13.6	9.2	-10.0	436.9	999.9	99.9	999.9	66.5	152.
76.3	158.3	20643.3	50.0	-60.1	99.9	357.4	6.4	0.3	-6.4	502.1	999.9	99.9	999.9	70.6	152.
89.4	167.5	25099.8	25.0	-48.7	99.9	999.9	99.9	99.9	99.9	644.8	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

3D

STATION NO. 226
CENTERVILLE, ALA

27 APRIL 1975
1115 GMT

165 12. 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 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	140.0	1002.9	17.3	17.3	60.0	2.1	-1.8	-1.0	291.9	324.0	12.5	100.0	0.0	0.
0.2	6.0	164.9	1000.0	18.5	18.5	244.1	2.9	2.6	1.3	293.5	328.5	13.6	100.7	0.1	280.
1.0	8.4	383.7	975.0	19.8	19.4	209.2	1.6	0.8	1.4	297.1	335.6	14.8	97.6	0.1	315.
2.0	10.7	608.9	950.0	20.0	19.2	165.8	2.0	-0.5	1.9	299.5	339.0	15.0	95.3	0.2	330.
2.8	13.1	838.9	925.0	18.5	16.0	165.0	2.2	-0.6	2.2	299.9	333.1	12.5	85.1	0.3	339.
3.8	15.5	1074.5	900.0	17.6	13.7	135.3	2.7	-1.9	1.9	301.1	330.9	11.1	77.8	0.4	335.
4.7	17.9	1315.1	875.0	16.1	11.5	121.8	3.0	-2.6	1.6	301.9	328.5	9.8	74.1	0.6	328.
5.6	20.3	1561.5	850.0	14.4	8.8	133.7	4.1	-3.0	2.9	302.4	325.5	8.4	68.7	0.8	323.
6.6	22.8	1813.7	825.0	13.5	6.1	136.3	4.4	-3.0	3.2	303.8	323.8	7.2	60.7	1.0	321.
7.6	25.3	2072.6	800.0	12.0	5.1	148.8	4.3	-2.2	3.6	304.8	324.2	6.9	62.9	1.3	321.
8.6	27.9	2337.5	775.0	9.4	3.2	156.1	4.5	-1.8	4.2	304.7	322.2	6.2	65.1	1.5	323.
9.5	30.7	2609.8	750.0	8.0	-5.4	159.1	3.1	-1.1	2.9	305.7	315.9	3.5	39.0	1.8	325.
10.6	33.4	2888.4	725.0	7.5	-15.8	255.5	0.3	0.3	0.1	307.9	312.6	1.5	17.2	1.8	326.
11.6	36.1	3176.4	700.0	5.9	-17.4	349.9	1.4	0.3	-1.4	309.2	313.5	1.4	16.9	1.8	326.
12.7	39.0	3473.5	675.0	5.4	-16.8	21.4	3.2	-1.2	-2.9	312.0	319.6	2.5	29.9	1.7	324.
14.0	41.7	3780.6	650.0	3.0	-13.0	29.5	7.2	-3.5	-6.3	312.7	319.4	2.2	29.7	1.6	311.
15.1	44.6	4097.3	625.0	1.5	-16.7	26.0	9.2	-4.0	-8.2	314.4	319.7	1.7	24.5	1.6	287.
16.4	47.8	4424.3	600.0	-1.3	-17.8	359.7	8.9	0.0	-8.9	314.8	319.8	1.6	27.4	1.7	264.
17.6	50.7	4762.4	575.0	-2.9	-21.1	340.9	8.1	2.7	-7.7	316.7	320.7	1.2	23.1	1.7	243.
18.9	53.8	5113.0	550.0	-5.3	-20.7	333.1	7.6	3.5	-6.8	317.9	322.3	1.3	28.6	1.9	224.
20.2	56.9	5476.7	525.0	-7.7	-26.1	329.9	8.0	4.0	-6.9	319.2	322.1	0.9	21.1	2.1	208.
21.6	60.3	5854.3	500.0	-10.3	-25.7	331.0	9.0	4.3	-7.8	320.6	323.7	0.9	26.9	2.6	195.
23.0	63.7	6247.3	475.0	-13.1	-30.3	332.9	10.0	4.6	-8.9	321.8	324.1	0.6	21.9	3.2	185.
24.5	67.0	6656.9	450.0	-16.3	-33.2	336.1	10.2	4.1	-9.3	322.7	324.5	0.5	21.6	4.0	178.
26.1	70.5	7084.8	425.0	-19.2	-35.7	342.5	13.0	3.9	-12.4	324.4	325.9	0.4	21.5	5.1	174.
27.8	74.2	7532.7	400.0	-22.7	-35.6	331.7	13.8	6.6	-12.2	325.5	327.1	0.5	29.5	6.4	171.
29.6	78.1	8003.5	375.0	-25.6	-37.3	319.6	14.6	9.5	-11.1	327.6	329.1	0.4	32.3	7.8	166.
31.4	81.9	8499.8	350.0	-29.3	-42.0	315.3	15.1	10.6	-10.8	329.2	330.1	0.3	27.8	9.3	162.
33.6	85.9	9024.6	325.0	-33.6	-47.9	309.0	15.6	12.2	-9.9	330.4	330.9	0.1	21.8	11.1	156.
35.7	90.0	9580.6	300.0	-38.6	99.9	303.5	16.4	13.7	-9.1	331.0	999.9	99.9	999.9	12.9	152.
38.0	94.7	10172.5	275.0	-43.3	99.9	311.0	17.4	13.2	-11.4	332.5	999.9	99.9	999.9	15.0	148.
40.6	99.4	10807.2	250.0	-48.1	99.9	323.4	20.6	12.3	-16.6	334.5	999.9	99.9	999.9	17.7	146.
43.1	104.3	11492.7	225.0	-53.5	99.9	326.4	24.6	13.6	-20.5	336.5	999.9	99.9	999.9	21.4	146.
46.0	110.0	12238.8	200.0	-60.0	99.9	317.5	26.7	16.0	-19.7	337.8	999.9	99.9	999.9	25.9	146.
49.4	115.6	13059.3	175.0	-66.8	99.9	312.5	34.5	25.4	-23.3	339.7	999.9	99.9	999.9	32.2	143.
53.1	122.3	13976.4	150.0	-72.2	99.9	317.6	32.8	22.1	-24.2	345.8	999.9	99.9	999.9	40.1	141.
57.6	129.3	15071.2	125.0	-64.9	99.9	310.0	28.4	21.7	-18.2	377.4	999.9	99.9	999.9	47.5	140.
63.0	137.3	16413.7	100.0	-69.6	99.9	308.7	24.4	19.0	-15.2	393.4	999.9	99.9	999.9	55.1	139.
69.8	145.0	18129.1	75.0	-65.9	99.9	334.2	19.9	8.7	-18.0	434.7	999.9	99.9	999.9	65.6	139.
78.8	154.0	20608.8	50.0	-62.4	99.9	45.1	4.8	-3.4	-3.4	496.5	999.9	99.9	999.9	68.6	141.
93.9	164.0	25022.9	25.0	-48.3	99.9	275.5	1.2	1.2	-0.1	645.9	999.9	99.9	999.9	67.3	143.

* 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. 232
BOOTHVILLE, LA

27 APRIL 1975
1115 GMT

166 22. 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 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	1.0	1017.6	19.0	19.0	360.0	0.0	0.0	0.0	292.5	327.8	13.8	100.0	0.0	0.
0.6	6.1	152.7	1000.0	21.4	21.0	180.5	11.9	0.1	11.9	296.6	337.7	15.8	97.4	0.4	255.
1.7	8.5	372.7	975.0	19.7	19.2	138.6	5.8	-3.9	4.4	296.9	334.9	14.6	97.2	0.6	307.
2.6	10.8	596.6	950.0	19.8	9.3	128.5	6.2	-4.8	3.9	298.4	319.7	7.9	51.6	0.9	310.
3.6	13.4	826.3	925.0	18.6	10.4	117.3	8.2	-7.3	3.8	299.5	322.9	8.6	59.0	1.3	307.
4.6	15.8	1060.9	900.0	17.4	5.1	123.9	8.8	-7.3	4.9	300.3	317.3	6.2	44.4	1.8	305.
5.6	18.2	1301.1	875.0	17.3	-14.4	129.7	9.0	-6.9	5.8	301.9	306.3	1.4	10.2	2.4	306.
6.6	20.7	1547.5	850.0	15.9	-5.7	126.3	7.7	-6.2	4.5	303.2	311.8	3.0	22.3	2.9	306.
7.6	23.3	1800.0	825.0	14.0	1.5	128.6	7.3	-5.7	4.5	304.1	318.8	5.2	42.6	3.3	306.
8.7	25.8	2058.8	800.0	12.3	-2.1	129.6	6.1	-4.7	3.9	304.8	316.7	4.1	36.7	3.8	307.
9.7	28.6	2324.3	775.0	11.2	-8.2	125.5	4.9	-4.0	2.8	306.2	314.2	2.7	24.9	4.1	307.
10.8	31.4	2597.4	750.0	10.8	-19.5	128.4	2.9	-2.3	1.8	308.4	312.1	1.2	11.1	4.4	306.
12.0	34.3	2879.2	725.0	10.1	-43.7	159.6	1.9	-0.7	1.8	310.5	310.9	0.1	1.0	4.5	307.
13.2	37.0	3169.7	700.0	8.5	-32.7	85.4	1.0	-1.0	-0.1	311.9	313.1	0.3	3.5	4.6	308.
14.4	40.0	3469.5	675.0	7.8	-29.7	46.3	5.2	-3.8	-3.6	314.4	316.0	0.5	4.9	4.6	306.
15.6	42.7	3779.3	650.0	6.0	-24.7	41.1	8.4	-5.5	-6.3	315.8	318.5	0.8	8.8	4.7	299.
16.9	45.8	4098.4	625.0	3.0	-26.6	37.3	9.5	-5.8	-7.6	316.0	318.3	0.7	9.1	4.9	291.
18.2	48.9	4427.2	600.0	-0.2	-13.1	23.4	10.4	-4.1	-9.5	316.2	323.4	2.3	36.8	5.1	282.
19.5	51.9	4766.2	575.0	-2.6	-18.1	7.3	14.2	-1.8	-14.1	317.1	322.2	1.6	29.1	5.3	272.
21.0	55.1	5117.2	550.0	-5.1	-17.8	358.3	12.3	0.4	-12.3	318.3	323.8	1.7	35.9	5.4	258.
22.4	58.3	5481.4	525.0	-7.4	-21.0	359.8	10.8	0.0	-10.8	319.6	324.1	1.4	32.7	5.6	250.
23.9	61.7	5859.5	500.0	-10.4	-22.4	349.0	12.1	2.3	-11.9	320.4	324.6	1.3	36.5	6.0	240.
25.4	65.2	6252.4	475.0	-13.0	-25.6	337.8	11.4	4.3	-10.6	321.9	325.3	1.0	33.7	6.3	230.
27.0	68.6	6662.9	450.0	-15.4	-30.9	336.4	13.8	5.5	-12.7	324.0	326.2	0.6	25.0	6.8	221.
28.7	72.1	7091.9	425.0	-18.4	-37.1	325.9	15.7	8.8	-13.0	325.4	326.7	0.4	17.5	7.5	210.
30.5	76.0	7541.2	400.0	-21.6	-34.1	318.5	15.6	10.3	-11.7	326.9	328.8	0.5	31.1	8.1	199.
32.4	80.1	8013.4	375.0	-25.4	-33.3	315.9	14.8	10.3	-10.6	328.0	330.2	0.6	47.1	9.2	189.
34.3	84.0	8510.1	350.0	-29.4	-42.2	311.3	11.9	8.9	-7.8	329.0	330.0	0.3	27.6	10.1	182.
36.2	88.0	9035.8	325.0	-32.7	-42.1	305.1	10.5	8.6	-6.1	331.5	332.6	0.3	38.1	10.9	176.
38.2	92.4	9594.8	300.0	-37.1	-46.4	309.5	11.3	8.7	-7.2	333.0	333.7	0.2	36.9	11.8	171.
40.5	97.0	10189.6	275.0	-42.2	99.9	324.5	11.8	6.8	-9.6	334.1	999.9	99.9	999.9	13.2	168.
42.9	101.8	10826.0	250.0	-48.0	99.9	316.4	13.6	9.4	-9.8	334.8	999.9	99.9	999.9	14.7	165.
45.5	107.2	11512.7	225.0	-53.4	99.9	307.8	19.0	15.0	-11.6	336.7	999.9	99.9	999.9	16.8	160.
48.2	112.8	12260.6	200.0	-59.2	99.9	308.1	21.4	16.8	-13.2	339.0	999.9	99.9	999.9	20.0	155.
51.4	118.8	13083.0	175.0	-66.3	99.9	305.0	23.3	19.1	-13.4	340.6	999.9	99.9	999.9	24.0	150.
54.7	125.5	14004.0	150.0	-70.1	99.9	298.2	22.0	19.4	-10.4	349.4	999.9	99.9	999.9	28.2	146.
58.7	132.7	15097.2	125.0	-68.5	99.9	298.8	20.8	18.2	-10.0	370.9	999.9	99.9	999.9	32.4	141.
63.6	140.3	16431.2	100.0	-69.7	99.9	288.7	15.3	14.5	-4.9	393.1	999.9	99.9	999.9	37.0	138.
69.3	148.3	18136.3	75.0	-71.4	99.9	326.7	2.4	1.3	-2.0	423.2	999.9	99.9	999.9	39.8	137.
77.5	157.7	20573.8	50.0	-63.1	99.9	56.7	8.4	-7.0	-4.6	494.9	999.9	99.9	999.9	41.6	139.
90.1	167.7	24992.0	25.0	-50.1	99.9	163.0	3.5	-1.0	3.3	661.2	999.9	99.9	999.9	40.2	142.

* 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

27 APRIL 1975
1115 GMT

159 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	100.0	1006.5	21.2	20.4	160.0	3.6	-1.2	3.4	295.8	335.1	15.2	95.0	0.0	0.
0.2	4.5	156.5	1000.0	21.0	20.1	173.6	4.0	-0.4	3.9	296.2	335.1	15.0	94.3	0.1	352.
1.0	6.1	376.0	975.0	19.6	17.6	179.7	4.1	-0.0	4.1	296.6	331.1	13.2	88.8	0.3	353.
1.7	8.0	600.1	950.0	19.3	11.6	162.9	5.2	-1.5	5.0	298.0	322.3	9.1	60.7	0.5	352.
2.4	9.8	830.4	925.0	20.0	14.1	158.6	5.9	-2.2	5.5	301.2	330.9	11.0	68.7	0.7	348.
3.3	11.6	1066.8	900.0	18.4	14.8	155.4	6.8	-2.8	6.1	302.1	334.0	11.9	79.5	1.0	344.
4.1	13.6	1308.2	875.0	16.6	12.4	151.1	5.9	-2.9	5.2	302.4	330.7	10.4	76.4	1.4	342.
5.0	15.5	1555.3	850.0	15.7	6.3	137.4	6.1	-4.1	4.5	303.5	323.5	7.2	54.2	1.6	338.
5.9	17.5	1807.8	825.0	13.8	2.5	136.5	7.7	-5.3	5.6	303.9	319.7	5.6	46.6	2.0	334.
6.8	19.7	2066.5	800.0	12.4	-1.2	132.6	7.3	-5.4	5.0	305.0	317.6	4.4	38.9	2.4	331.
7.6	21.6	2332.0	775.0	10.7	-4.2	125.2	6.2	-5.1	3.6	305.8	316.4	3.7	35.2	2.7	328.
8.5	23.8	2604.2	750.0	9.4	-32.4	129.0	3.5	-2.7	2.2	306.9	308.9	0.7	6.7	3.0	326.
9.5	25.9	2884.8	725.0	9.8	-43.7	136.4	0.9	-0.6	0.7	310.2	310.5	0.1	1.0	3.1	326.
10.4	28.2	3175.8	700.0	10.1	-43.3	58.5	1.5	-1.3	-0.8	313.6	314.0	0.1	1.1	3.1	325.
11.3	30.6	3476.7	675.0	8.0	-21.8	53.1	2.5	-2.0	-1.5	314.7	318.0	1.0	10.3	3.1	323.
12.4	33.1	3786.3	650.0	5.6	-22.8	19.9	2.7	-0.9	-2.5	315.4	318.5	0.9	10.7	3.1	319.
13.3	35.5	4105.6	625.0	3.3	-27.1	10.9	4.5	-0.9	-4.4	316.3	318.5	0.7	8.5	2.9	317.
14.4	38.0	4434.8	600.0	0.8	-13.4	20.1	6.4	-2.2	-6.0	317.3	324.5	2.3	33.7	2.8	311.
15.4	40.5	4775.3	575.0	-2.1	-13.0	17.4	6.3	-1.9	-6.0	317.8	325.5	2.4	42.7	2.7	302.
16.5	43.0	5126.7	550.0	-4.6	-24.6	0.8	6.3	-0.1	-6.3	318.8	321.9	0.9	19.0	2.6	294.
17.8	45.9	5491.1	525.0	-7.6	-22.8	358.4	8.3	0.2	-8.3	319.5	323.3	1.2	28.4	2.4	282.
18.9	48.8	5868.7	500.0	-11.0	-16.1	358.6	10.0	0.3	-9.9	319.9	326.9	2.2	65.8	2.3	266.
20.2	51.6	6261.4	475.0	-13.7	-20.4	344.6	11.7	3.1	-11.3	321.2	326.4	1.6	56.4	2.4	246.
21.7	54.7	6670.4	450.0	-16.5	-23.6	331.0	12.6	6.1	-11.0	322.6	326.8	1.3	53.7	2.7	223.
23.0	57.7	7098.1	425.0	-19.2	-34.4	318.1	13.9	9.3	-10.4	324.4	326.2	0.5	25.1	3.1	203.
24.4	61.1	7546.1	400.0	-22.7	-45.6	308.7	14.6	11.4	-9.2	325.5	326.2	0.2	12.1	3.7	184.
25.9	64.6	8017.5	375.0	-25.4	-33.7	310.4	14.3	10.9	-9.3	328.0	330.1	0.6	45.3	4.5	170.
27.6	68.0	8514.3	350.0	-29.2	-35.6	309.5	14.8	11.4	-9.4	329.4	331.3	0.5	53.7	5.8	161.
29.4	71.7	9040.0	325.0	-32.9	-45.8	304.3	12.7	10.5	-7.1	331.3	332.1	0.2	26.0	7.1	154.
31.6	75.8	9597.4	300.0	-37.8	-51.5	290.2	13.8	12.9	-4.7	332.1	332.5	0.1	22.0	8.5	147.
33.6	80.1	10192.3	275.0	-42.2	99.9	292.5	12.8	11.9	-4.9	334.1	999.9	99.9	999.9	9.8	141.
36.1	84.6	10829.4	250.0	-47.7	99.9	293.5	16.2	14.8	-6.5	335.2	999.9	99.9	999.9	11.8	137.
38.4	89.4	11516.2	225.0	-53.5	99.9	290.8	18.9	17.7	-6.7	336.5	999.9	99.9	999.9	14.0	132.
40.9	94.8	12262.5	200.0	-60.0	99.9	292.1	22.9	21.2	-8.6	337.7	999.9	99.9	999.9	17.0	129.
43.5	100.4	13082.6	175.0	-66.7	99.9	286.4	29.9	28.7	-8.4	339.9	999.9	99.9	999.9	21.1	125.
46.8	106.8	14002.6	150.0	-69.2	99.9	289.7	26.9	25.3	-9.1	350.9	999.9	99.9	999.9	26.6	121.
50.7	114.0	15100.0	125.0	-67.8	99.9	293.3	20.6	19.0	-8.2	372.3	999.9	99.9	999.9	32.0	120.
55.5	122.7	16447.5	100.0	-67.8	99.9	303.5	17.8	14.8	-9.8	396.7	999.9	99.9	999.9	37.5	119.
61.3	132.5	18168.1	75.0	-69.1	99.9	333.4	8.3	3.7	-7.4	428.0	999.9	99.9	999.9	42.0	120.
69.5	144.0	20624.4	50.0	-61.2	99.9	83.5	6.5	-6.4	-0.7	499.3	999.9	99.9	999.9	42.6	124.
82.3	156.5	25057.5	25.0	-48.9	99.9	16.3	0.8	-0.2	-0.7	644.3	999.9	99.9	999.9	40.9	126.

* 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

27 APRIL 1975
1115 GMT

159 13. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.1	5.0	1014.7	22.2	21.2	140.0	5.2	-3.3	4.0	296.2	337.3	15.8	94.0	0.0	0.
0.3	4.3	132.6	1000.0	22.1	20.9	296.1	4.8	4.3	-2.1	297.4	338.6	15.8	93.0	0.7	329.
1.2	6.3	353.1	975.0	20.5	19.2	170.0	7.6	-1.3	7.5	297.8	335.9	14.6	91.9	0.7	337.
2.0	8.4	578.0	950.0	21.2	9.6	164.9	14.5	-3.8	14.0	299.8	321.4	8.0	47.6	1.3	340.
2.8	10.5	809.0	925.0	20.3	11.6	168.3	13.8	-2.8	13.5	301.4	326.7	9.3	57.2	2.1	342.
3.7	12.6	1045.2	900.0	18.9	10.9	168.4	12.8	-2.6	12.5	302.3	327.2	9.2	59.5	2.7	344.
4.7	14.9	1286.9	875.0	18.3	6.5	163.5	11.2	-3.2	10.7	303.7	323.1	7.0	46.1	3.4	344.
5.4	17.0	1535.2	850.0	17.6	3.5	174.0	11.0	-1.2	11.0	305.4	321.9	5.8	38.8	3.9	345.
6.3	19.4	1789.5	825.0	15.6	1.0	174.3	10.1	-1.0	10.0	305.8	320.1	5.0	36.9	4.5	346.
7.2	21.5	2049.6	800.0	13.5	1.8	171.1	11.1	-1.7	10.9	306.3	321.8	5.5	44.8	5.0	347.
8.3	24.0	2316.2	775.0	12.4	-4.7	168.1	10.8	-2.2	10.6	307.6	317.9	3.5	29.8	5.7	347.
9.3	26.2	2590.8	750.0	13.0	-42.0	166.5	10.4	-2.4	10.1	310.7	311.1	0.1	1.0	6.4	347.
10.4	28.7	2875.9	725.0	14.4	-41.1	163.1	8.6	-2.5	8.2	315.3	315.8	0.1	1.0	7.0	347.
11.3	31.3	3170.7	700.0	12.7	-42.1	165.8	6.1	-1.5	6.0	316.6	317.1	0.1	1.0	7.4	347.
12.4	34.0	3474.0	675.0	10.7	-30.1	173.5	2.9	-0.3	2.9	317.7	319.3	0.5	3.9	7.7	347.
13.5	36.4	3786.6	650.0	8.0	-9.5	148.0	1.3	-0.7	1.1	318.3	327.3	2.9	28.0	7.8	347.
14.5	39.1	4108.5	625.0	5.0	-9.6	108.8	1.3	-1.3	0.4	318.6	327.8	2.9	33.6	7.9	346.
15.6	41.7	4440.1	600.0	2.2	-10.9	78.7	1.6	-1.5	-0.3	319.0	327.7	2.8	37.0	7.9	346.
16.8	44.6	4781.9	575.0	-1.0	-14.3	74.6	1.5	-1.5	-0.4	319.0	326.0	2.2	35.7	7.9	345.
18.0	47.5	5134.3	550.0	-4.7	-15.4	81.8	3.3	-3.3	-0.5	318.7	325.4	2.1	42.9	7.9	344.
19.2	50.4	5499.2	525.0	-6.2	-37.6	102.6	4.5	-4.4	1.0	321.0	322.4	0.4	8.4	8.0	342.
20.5	53.4	5879.0	500.0	-8.7	-55.4	179.1	2.2	-0.0	2.2	322.4	322.6	0.0	1.0	8.2	340.
21.8	56.4	6274.5	475.0	-11.5	-57.2	234.2	4.8	3.9	2.8	323.6	323.8	0.0	1.0	8.3	342.
23.2	59.8	6686.3	450.0	-14.8	-59.3	233.6	4.4	3.5	2.6	324.6	324.7	0.0	1.0	8.4	345.
24.6	63.1	7116.3	425.0	-17.8	-61.2	234.0	6.0	4.8	3.5	326.1	326.2	0.0	1.0	8.6	347.
26.0	66.4	7566.4	400.0	-21.4	-63.6	246.1	7.0	6.4	2.8	327.1	327.1	0.0	1.0	8.8	351.
27.6	70.1	8038.6	375.0	-25.1	-64.6	253.2	8.6	8.2	2.5	328.3	328.4	0.0	1.4	9.0	355.
29.2	73.7	8536.2	350.0	-28.7	-56.9	267.3	11.4	11.4	0.5	329.9	330.1	0.0	4.6	9.1	2.
30.9	77.7	9061.5	325.0	-33.6	-43.2	267.2	13.9	13.9	0.7	330.3	331.3	0.3	37.6	9.2	10.
32.8	81.7	9617.8	300.0	-38.0	-40.7	270.4	16.1	16.1	-0.1	331.7	333.0	0.4	76.1	9.7	19.
34.6	85.9	10211.7	275.0	-42.0	99.9	272.2	16.8	16.8	-0.7	334.4	999.9	99.9	999.9	10.5	29.
36.8	90.5	10850.1	250.0	-46.7	99.9	272.5	18.7	18.7	-0.8	336.7	999.9	99.9	999.9	11.8	39.
38.9	95.4	11541.4	225.0	-51.8	99.9	271.5	20.9	20.9	-0.5	339.2	999.9	99.9	999.9	13.4	48.
41.1	100.5	12293.7	200.0	-58.2	99.9	275.4	20.2	20.1	-1.9	340.7	999.9	99.9	999.9	15.5	55.
43.6	106.3	13121.0	175.0	-65.0	99.9	267.7	24.0	24.0	1.0	342.7	999.9	99.9	999.9	18.3	61.
46.8	112.5	14050.3	150.0	-69.1	99.9	276.2	22.7	22.5	-2.5	351.0	999.9	99.9	999.9	22.2	67.
50.2	119.3	15147.0	125.0	-65.7	99.9	275.8	22.6	22.5	-2.3	376.1	999.9	99.9	999.9	26.3	72.
54.3	127.3	16492.3	100.0	-70.2	99.9	258.3	11.0	10.8	2.2	392.1	999.9	99.9	999.9	29.5	74.
59.5	136.3	18194.1	75.0	-71.2	99.9	211.4	2.1	1.1	1.8	423.7	999.9	99.9	999.9	31.8	74.
67.0	145.5	20648.7	50.0	-61.3	99.9	33.7	7.0	-3.9	-5.9	499.1	999.9	99.9	999.9	30.9	75.
78.6	156.0	25055.1	25.0	-51.0	99.9	164.5	3.1	-0.8	3.0	637.9	999.9	99.9	999.9	28.9	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. 248
SHREVEPORT, LA

27 APRIL 1975
1119 GMT

163 12. 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	79.0	1006.1	21.1	19.9	140.0	3.2	-2.1	2.5	295.7	333.9	14.8	93.0	0.0	0.
0.2	5.0	131.9	1000.0	20.9	19.9	140.0	12.0	-7.7	9.2	296.0	334.4	14.8	93.9	0.3	303.
1.2	6.9	351.8	975.0	20.5	19.6	178.0	13.8	-0.5	13.8	297.8	336.8	14.9	94.7	0.8	328.
2.2	9.1	576.8	950.0	19.3	18.3	179.7	15.7	-0.1	15.7	298.7	335.7	14.1	93.7	1.6	348.
3.2	11.1	806.8	925.0	18.7	15.9	180.1	16.5	0.0	16.5	300.2	334.1	12.8	86.6	2.6	352.
4.2	13.3	1043.4	900.0	21.1	-3.2	186.7	14.1	1.6	14.0	303.7	313.5	3.4	19.4	3.5	355.
5.3	15.5	1286.4	875.0	20.2	-7.1	191.6	13.7	2.7	13.4	305.1	312.7	2.6	15.2	4.4	358.
6.5	17.6	1535.2	850.0	18.2	2.7	186.0	13.4	1.4	13.3	305.9	321.8	5.6	35.8	5.3	0.
7.6	20.0	1789.9	825.0	16.2	5.5	186.4	12.5	1.4	12.4	306.7	326.2	6.9	49.2	6.1	1.
8.7	22.1	2050.8	800.0	13.9	5.1	183.0	11.5	0.6	11.5	306.9	326.4	6.9	55.1	7.0	1.
9.8	24.6	2318.0	775.0	12.0	2.1	171.9	11.9	-1.7	11.7	307.4	323.9	5.8	50.7	7.7	1.
11.0	26.9	2591.7	750.0	10.6	-21.7	178.3	12.9	-0.4	12.9	308.2	311.9	1.2	11.4	8.5	360.
12.1	29.4	2874.2	725.0	12.0	-42.5	197.5	15.0	4.5	14.3	312.6	313.1	0.1	1.0	9.5	1.
13.4	32.0	3167.3	700.0	11.8	-42.6	210.4	11.9	6.1	10.3	315.6	316.1	0.1	1.0	10.5	4.
14.7	34.7	3470.3	675.0	10.2	-39.3	204.7	10.2	4.2	9.2	317.1	317.8	0.2	1.7	11.2	5.
15.9	37.1	3782.4	650.0	8.0	-25.3	205.3	9.2	3.9	8.3	318.1	320.7	0.8	7.3	11.9	6.
17.0	40.0	4103.8	625.0	5.0	-17.4	197.6	9.1	2.8	8.7	318.3	323.3	1.6	17.9	12.5	7.
18.2	42.5	4435.3	600.0	2.2	-14.9	205.6	8.6	3.7	7.7	318.9	325.2	2.0	26.9	13.1	8.
19.4	45.5	4776.9	575.0	-1.0	-10.9	203.9	8.1	3.3	7.4	319.2	328.2	2.9	46.9	13.7	8.
20.5	48.5	5129.8	550.0	-4.2	-8.9	209.0	7.3	3.5	6.4	319.5	330.5	3.6	70.2	14.2	9.
21.8	51.4	5494.6	525.0	-7.8	-8.4	220.9	5.6	3.7	4.2	319.5	331.4	3.9	95.3	14.6	10.
23.1	54.6	5872.2	500.0	-10.7	-17.0	211.2	6.0	3.1	5.1	320.2	326.7	2.0	60.5	15.0	11.
24.7	57.7	6264.8	475.0	-13.1	-58.2	210.0	5.2	2.6	4.5	321.7	321.9	0.0	1.0	15.5	11.
26.3	61.1	6675.1	450.0	-15.1	-59.5	224.5	6.8	4.8	4.9	324.1	324.3	0.0	1.0	16.0	12.
27.7	64.6	7104.7	425.0	-18.1	-53.4	243.2	9.7	8.7	4.4	325.8	326.1	0.1	3.6	16.6	14.
29.5	68.1	7554.9	400.0	-21.3	-63.5	249.7	12.3	11.5	4.3	327.3	327.3	0.0	1.0	17.2	17.
31.2	71.7	8027.5	375.0	-25.2	-66.0	248.5	14.6	13.6	5.3	328.2	328.2	0.0	1.0	18.2	20.
33.1	75.8	8524.0	350.0	-29.3	-60.1	253.8	16.6	15.9	4.6	329.1	329.3	0.0	3.4	19.3	25.
35.1	80.0	9049.1	325.0	-32.9	-64.3	259.4	17.8	17.5	3.3	331.3	331.3	0.0	2.6	20.6	29.
37.1	84.3	9607.0	300.0	-37.6	-49.0	259.0	19.8	19.4	3.8	332.3	332.9	0.1	28.7	22.1	34.
39.3	88.8	10202.1	275.0	-41.7	99.9	262.2	19.4	19.2	2.6	334.8	999.9	99.9	999.9	23.9	38.
41.8	94.0	10841.8	250.0	-46.3	99.9	270.0	21.3	21.3	-0.0	337.2	999.9	99.9	999.9	26.1	43.
44.3	99.3	11532.7	225.0	-52.5	99.9	269.1	19.4	19.4	0.3	338.0	999.9	99.9	999.9	28.2	48.
47.1	104.8	12282.4	200.0	-58.8	99.9	258.5	21.0	20.6	4.2	339.6	999.9	99.9	999.9	31.0	51.
50.1	111.0	13107.5	175.0	-65.4	99.9	260.4	22.4	22.1	3.8	342.1	999.9	99.9	999.9	34.7	55.
53.8	118.0	14029.4	150.0	-72.2	99.9	258.0	22.9	22.4	4.8	345.8	999.9	99.9	999.9	39.1	57.
58.0	125.8	15120.0	125.0	-65.9	99.9	268.7	20.2	20.2	0.5	375.7	999.9	99.9	999.9	44.8	61.
63.0	134.3	16469.7	100.0	-69.7	99.9	264.5	13.3	13.2	1.3	393.1	999.9	99.9	999.9	48.6	63.
69.1	142.7	18180.5	75.0	-71.1	99.9	215.0	6.1	3.5	5.0	423.9	999.9	99.9	999.9	52.0	64.
77.1	151.7	20626.1	50.0	-64.4	99.9	63.3	5.1	-4.6	-2.3	491.8	999.9	99.9	999.9	51.4	63.
90.9	161.3	25011.9	25.0	-50.4	99.9	137.3	3.4	-2.3	2.5	640.2	999.9	99.9	999.9	47.8	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. 250
BROWNSVILLE, TEX

27 APRIL 1975
1115 GMT

162 18. 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	4.3	7.0	1009.9	25.0	21.7	160.0	8.2	-2.8	7.7	299.5	342.7	16.5	82.0	0.0	0.
0.4	5.2	93.8	1000.0	23.6	22.6	999.9	99.9	99.9	99.9	299.1	344.9	17.5	94.0	999.9	999.
1.1	7.2	315.4	975.0	21.9	21.2	999.9	99.9	99.9	99.9	299.4	342.7	16.5	96.1	999.9	999.
1.8	9.4	541.4	950.0	20.3	19.3	153.2	17.8	-8.0	15.9	299.8	339.5	15.1	94.5	1.5	331.
2.5	11.3	772.1	925.0	19.9	13.9	161.4	18.8	-6.0	17.8	301.3	332.5	11.7	75.6	2.3	332.
3.3	13.6	1009.3	900.0	21.4	-0.5	168.4	17.3	-3.5	16.9	304.1	315.9	4.1	23.1	3.2	336.
4.2	15.8	1252.3	875.0	19.6	2.7	177.7	17.1	-0.7	17.0	304.9	320.2	5.4	33.0	4.0	340.
5.0	18.0	1501.0	850.0	18.9	-11.9	178.2	13.3	-0.4	13.3	306.2	311.7	1.8	11.3	4.8	343.
5.9	20.4	1756.3	825.0	17.6	-21.8	169.0	15.3	-2.9	15.0	307.3	310.1	0.9	5.7	5.5	344.
6.8	22.8	2017.8	800.0	16.2	-21.1	164.9	17.1	-4.4	16.5	308.6	311.5	0.9	6.3	6.4	344.
7.6	25.2	2286.3	775.0	14.5	-23.4	166.7	16.8	-3.9	16.3	309.5	312.0	0.8	5.7	7.3	345.
8.5	27.5	2562.5	750.0	14.5	-29.2	165.7	13.2	-3.3	12.8	312.3	313.9	0.5	3.3	8.1	345.
9.4	30.1	2847.9	725.0	13.7	-29.4	168.6	10.1	-2.0	9.9	314.6	316.1	0.5	3.4	8.7	345.
10.4	32.8	3142.2	700.0	12.7	-29.7	182.6	8.4	0.4	8.4	316.6	318.1	0.5	3.5	9.3	345.
11.5	35.5	3446.3	675.0	11.2	-30.2	197.2	7.9	2.3	7.5	318.3	319.8	0.5	3.7	9.7	347.
12.5	38.1	3759.4	650.0	9.0	-31.0	201.0	5.2	1.9	4.9	319.2	320.7	0.4	4.0	10.1	348.
13.7	40.8	4082.5	625.0	7.0	-31.8	195.6	5.3	1.4	5.1	320.5	322.0	0.4	4.2	10.4	349.
14.8	43.7	4416.1	600.0	4.5	-32.9	198.6	6.4	2.0	6.0	321.4	322.8	0.4	4.5	10.7	350.
15.9	46.8	4760.6	575.0	1.7	-34.1	206.3	7.0	3.1	6.3	322.0	323.3	0.4	4.9	11.1	351.
17.0	49.9	5116.6	550.0	-1.2	-35.5	192.6	7.1	1.5	6.9	322.7	323.9	0.3	5.2	11.5	353.
18.1	52.8	5485.3	525.0	-4.1	-30.7	175.9	7.5	-0.5	7.5	323.6	325.5	0.6	10.4	11.9	353.
19.3	55.9	5867.2	500.0	-7.6	-29.4	182.2	9.4	0.4	9.4	323.8	326.1	0.7	15.4	12.5	353.
20.5	59.3	6263.7	475.0	-10.8	-35.2	198.9	8.1	2.6	7.6	324.6	326.1	0.4	11.3	13.2	354.
22.0	63.0	6676.6	450.0	-14.0	-37.4	202.2	8.3	3.1	7.7	325.6	326.8	0.3	11.6	13.8	355.
23.4	66.4	7108.1	425.0	-17.5	-32.4	202.8	8.5	3.3	7.8	326.5	328.6	0.6	26.0	14.4	357.
25.0	70.3	7559.1	400.0	-20.7	-37.9	191.5	9.7	1.9	9.5	328.0	329.3	0.4	19.8	15.2	358.
26.5	74.0	8033.1	375.0	-24.2	-45.1	186.8	11.4	1.4	11.3	329.6	330.2	0.2	12.3	16.2	358.
28.2	78.3	8531.8	350.0	-28.2	-45.1	197.3	12.4	3.7	11.8	330.7	331.4	0.2	17.8	17.4	359.
29.9	82.6	9059.3	325.0	-32.2	-46.1	226.1	12.0	8.7	8.3	332.3	333.0	0.2	23.4	18.4	1.
31.7	87.0	9620.0	300.0	-35.6	-48.4	244.7	15.5	14.0	6.6	335.1	335.7	0.2	25.4	19.4	5.
33.9	92.2	10218.2	275.0	-40.9	99.9	242.9	16.9	15.0	7.7	336.0	999.9	99.9	999.9	20.4	10.
36.2	97.2	10859.3	250.0	-46.0	99.9	251.9	16.9	16.0	5.3	337.7	999.9	99.9	999.9	21.8	15.
38.8	102.8	11554.0	225.0	-50.8	99.9	252.7	18.0	17.2	5.4	340.6	999.9	99.9	999.9	23.5	21.
41.4	109.0	12310.0	200.0	-57.1	99.9	277.6	23.1	22.9	-3.0	342.4	999.9	99.9	999.9	24.9	27.
44.0	115.3	13145.3	175.0	-62.5	99.9	287.5	34.5	32.9	-10.4	346.7	999.9	99.9	999.9	26.3	37.
47.5	122.7	14077.8	150.0	-70.7	99.9	288.0	33.4	31.8	-10.3	348.3	999.9	99.9	999.9	29.6	50.
50.7	130.3	15148.0	125.0	-72.0	99.9	248.6	17.7	16.5	6.5	364.6	999.9	99.9	999.9	33.2	56.
55.1	138.0	16453.0	100.0	-75.1	99.9	248.4	17.7	16.5	6.5	382.7	999.9	99.9	999.9	38.0	58.
61.2	146.0	18123.5	75.0	-74.8	99.9	212.3	4.9	2.6	4.1	416.0	999.9	99.9	999.9	42.1	58.
69.7	154.3	20576.8	50.0	-62.1	99.9	102.7	3.9	-3.9	0.9	497.2	999.9	99.9	999.9	41.4	56.
83.4	162.7	25003.9	25.0	-50.2	99.9	129.8	3.0	-2.3	1.9	640.9	999.9	99.9	999.9	38.8	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. 255
VICTORIA, TEX

27 APRIL 1975
1115 GMT

167 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	3.9	33.0	1008.0	23.0	21.1	160.0	6.2	-2.1	5.8	297.6	338.9	15.9	89.0	0.0	0.
0.3	4.6	103.1	1000.0	23.3	22.2	999.9	99.9	99.9	99.9	298.8	343.6	17.2	93.6	999.9	999.
1.0	6.4	324.6	975.0	22.0	21.2	999.9	99.9	99.9	99.9	299.5	342.8	16.5	95.0	999.9	999.
1.7	8.5	550.8	950.0	20.5	19.6	999.9	99.9	99.9	99.9	300.0	340.4	15.3	94.7	999.9	999.
2.4	10.6	781.6	925.0	19.8	14.3	175.4	19.5	-1.6	19.4	301.0	331.1	11.2	70.9	2.0	347.
3.2	12.6	1018.7	900.0	21.2	9.1	176.7	21.3	-1.2	21.2	304.4	326.9	8.1	45.9	2.9	350.
3.9	14.8	1262.0	875.0	19.9	5.0	173.7	20.8	-2.3	20.7	305.3	323.2	6.3	37.7	3.9	352.
4.8	16.9	1511.1	850.0	19.0	-2.6	165.5	22.4	-5.6	21.6	306.6	317.5	3.7	23.0	4.9	351.
5.5	19.2	1766.3	825.0	17.6	-9.9	162.2	19.4	-5.9	18.4	307.5	314.1	2.2	14.3	5.9	350.
6.4	21.3	2028.1	800.0	16.1	-12.5	165.3	18.4	-4.7	17.8	308.6	314.2	1.8	12.8	6.9	349.
7.3	23.7	2296.5	775.0	14.7	-32.1	166.9	16.5	-3.7	16.0	309.6	311.3	0.5	3.9	7.9	349.
8.2	25.9	2573.2	750.0	15.4	-40.5	166.4	15.9	-3.7	15.4	313.3	313.8	0.1	1.0	8.6	349.
9.1	28.4	2860.5	725.0	16.0	-39.6	168.1	15.3	-3.2	15.0	317.0	317.6	0.2	1.1	9.5	348.
10.0	30.9	3156.6	700.0	14.1	-26.0	169.2	13.6	-2.5	13.4	318.1	320.4	0.7	4.6	10.3	348.
10.9	33.5	3461.8	675.0	12.3	-36.5	171.5	11.4	-1.7	11.3	319.5	320.5	0.3	2.1	11.0	348.
11.9	36.0	3776.0	650.0	10.1	-27.1	176.9	8.9	-0.5	8.9	320.5	322.7	0.3	5.3	11.6	349.
12.9	38.7	4099.8	625.0	6.9	-25.2	174.9	9.8	-0.9	9.7	320.4	323.1	0.8	7.9	12.2	349.
14.0	41.2	4433.0	600.0	3.7	-24.1	170.1	10.2	-1.8	10.0	320.5	323.5	0.9	11.0	12.7	349.
15.0	44.0	4776.1	575.0	0.4	-21.8	172.4	10.1	-1.3	10.0	320.6	324.4	1.2	17.0	13.5	349.
16.1	47.0	5130.6	550.0	-2.8	-19.9	196.3	8.4	2.3	8.0	320.9	325.6	1.4	25.3	14.0	350.
17.2	50.0	5497.6	525.0	-5.6	-24.0	217.2	10.8	6.5	8.6	321.8	325.3	1.0	21.6	14.5	351.
18.4	52.9	5878.1	500.0	-8.7	-27.8	229.6	12.0	9.2	7.8	322.5	325.1	0.8	19.5	15.0	354.
19.7	55.9	6273.1	475.0	-12.1	-24.8	224.4	12.8	8.9	9.1	323.0	326.7	1.1	34.1	15.6	357.
21.0	59.3	6684.2	450.0	-15.2	-37.6	222.5	13.8	9.3	10.1	324.1	325.3	0.3	12.6	16.4	360.
22.5	62.7	7113.7	425.0	-17.8	-40.9	216.9	12.6	7.6	10.1	326.1	327.0	0.3	11.5	17.2	2.
24.0	66.0	7564.3	400.0	-20.7	-44.9	221.7	11.0	7.3	8.2	328.1	328.7	0.2	9.2	18.0	4.
25.5	69.7	8038.4	375.0	-24.5	-38.9	216.9	15.9	9.6	12.7	329.2	330.4	0.3	24.9	19.1	6.
27.1	73.4	8536.7	350.0	-29.0	-36.5	223.2	17.8	12.2	13.0	329.7	331.4	0.5	47.7	20.5	9.
28.6	77.3	9062.2	325.0	-33.3	-36.7	223.6	19.4	13.4	14.1	330.8	332.6	0.5	71.2	21.9	11.
30.5	81.4	9620.2	300.0	-37.1	-37.8	226.3	16.1	11.6	11.1	333.0	334.8	0.5	93.0	23.5	14.
32.7	85.8	10215.7	275.0	-41.7	99.9	227.7	19.6	14.5	13.2	334.8	999.9	99.9	999.9	25.4	17.
34.8	90.5	10854.7	250.0	-46.9	99.9	240.5	19.7	17.2	9.7	336.3	999.9	99.9	999.9	27.5	20.
37.3	95.5	11544.3	225.0	-52.5	99.9	249.4	21.2	19.9	7.5	338.1	999.9	99.9	999.9	29.6	24.
40.1	100.8	12296.7	200.0	-57.8	99.9	253.9	23.2	22.3	6.4	341.3	999.9	99.9	999.9	32.5	29.
42.7	106.8	13125.5	175.0	-64.2	99.9	274.7	30.1	30.0	-2.5	344.1	999.9	99.9	999.9	34.9	34.
46.1	113.3	14058.6	150.0	-69.7	99.9	272.0	32.5	32.5	-1.2	350.0	999.9	99.9	999.9	39.0	43.
50.2	121.0	15139.9	125.0	-68.4	99.9	240.9	24.7	21.6	12.0	371.1	999.9	99.9	999.9	44.3	47.
54.6	129.5	16464.7	100.0	-72.8	99.9	242.4	13.5	12.0	6.3	387.0	999.9	99.9	999.9	48.4	49.
60.7	139.0	18158.8	75.0	-70.4	99.9	230.2	5.8	4.5	3.7	425.4	999.9	99.9	999.9	52.2	50.
69.1	149.5	20631.1	50.0	-59.9	99.9	336.8	3.9	1.5	-3.6	502.3	999.9	99.9	999.9	52.7	50.
82.6	163.0	25043.1	25.0	-51.9	99.9	154.9	6.7	-2.8	6.0	635.6	999.9	99.9	999.9	49.4	49.

* 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

27 APRIL 1975
1115 GMT

159 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	963.8	21.8	18.8	160.0	10.3	-3.5	9.7	300.0	337.9	14.3	83.0	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	10.6	524.8	950.0	21.2	19.2	170.2	18.1	-3.1	17.8	300.8	340.3	14.9	88.2	0.4	345.
1.1	13.1	756.2	925.0	19.8	18.8	172.5	18.3	-2.4	18.2	301.6	341.4	15.0	93.8	1.0	349.
1.8	15.5	992.7	900.0	18.2	17.4	177.6	22.8	-1.0	22.8	302.1	339.6	14.1	95.2	1.9	351.
2.6	17.9	1234.1	875.0	16.7	15.4	184.9	27.5	2.3	27.4	302.8	336.9	12.7	92.1	3.0	355.
3.4	20.4	1482.8	850.0	18.6	7.6	189.5	30.8	5.1	30.4	306.7	328.5	7.8	49.0	4.3	359.
4.2	22.9	1738.4	825.0	16.8	10.1	191.9	32.4	6.7	31.7	307.6	334.0	9.5	64.8	5.9	2.
5.0	25.5	2000.4	800.0	15.1	7.1	196.6	29.0	8.3	27.8	308.4	330.8	8.0	58.7	7.4	5.
5.8	28.0	2269.0	775.0	16.8	-39.6	196.8	23.9	6.9	22.9	311.9	312.5	0.2	1.0	8.7	7.
6.7	30.8	2547.8	750.0	17.6	-39.2	199.4	22.0	7.3	20.8	315.6	316.3	0.2	1.0	9.8	8.
7.6	33.6	2835.9	725.0	16.0	-28.1	201.9	18.6	6.9	17.3	317.1	319.5	0.7	4.8	10.9	9.
8.5	36.2	3132.3	700.0	14.2	-22.8	206.0	15.5	6.8	14.0	318.3	321.3	0.9	6.1	11.7	10.
9.3	39.1	3437.1	675.0	11.3	-19.2	209.1	17.0	8.2	14.8	318.5	322.5	1.2	9.9	12.5	11.
10.3	41.9	3750.6	650.0	9.0	-16.6	207.3	17.9	8.2	15.9	319.3	324.5	1.6	14.8	13.5	13.
11.2	44.9	4073.2	625.0	5.7	-13.2	204.8	17.4	7.3	15.8	319.2	326.2	2.2	24.1	14.5	14.
12.2	47.9	4405.7	600.0	3.4	-18.5	210.2	17.3	8.7	14.9	320.2	325.1	1.5	18.2	15.4	14.
13.3	50.9	4749.0	575.0	0.8	-17.8	209.3	20.5	10.0	17.9	321.1	326.5	1.6	23.4	16.6	16.
14.3	54.1	5103.5	550.0	-2.8	-14.8	206.4	21.5	9.6	19.3	321.0	328.1	2.2	39.2	17.9	17.
15.4	57.3	5470.0	525.0	-6.4	-12.3	201.9	21.5	8.0	20.0	321.0	330.0	2.8	63.1	19.3	17.
16.6	60.7	5849.1	500.0	-9.9	-14.7	201.3	24.8	9.0	23.1	321.3	329.1	2.4	67.7	21.0	17.
18.0	64.1	6242.6	475.0	-12.8	-37.5	209.5	23.9	11.8	20.8	322.1	323.3	0.3	11.0	23.0	18.
19.3	67.6	6653.5	450.0	-15.1	-55.6	213.3	22.7	12.5	19.0	324.2	324.3	0.0	1.7	24.8	19.
20.7	71.1	7082.5	425.0	-18.7	-56.3	214.7	20.9	11.9	17.2	324.9	325.1	0.0	2.0	26.6	20.
22.2	75.0	7531.1	400.0	-22.0	-53.9	222.0	19.4	12.9	14.4	326.3	326.5	0.1	3.7	28.3	21.
23.7	79.0	8002.0	375.0	-26.0	-54.8	221.0	21.6	14.1	16.3	327.1	327.3	0.1	4.7	30.0	22.
25.2	83.0	8497.9	350.0	-29.8	-56.9	223.1	25.3	17.3	18.5	328.5	328.7	0.0	5.1	32.0	24.
26.9	87.2	9021.8	325.0	-34.0	-59.5	229.2	23.8	18.0	15.6	329.7	329.8	0.0	5.6	34.4	25.
28.8	91.8	9577.4	300.0	-38.4	99.9	221.2	31.8	20.9	23.9	331.2	999.9	99.9	999.9	37.2	27.
31.1	96.3	10169.4	275.0	-42.9	99.9	223.6	29.8	20.5	21.6	333.0	999.9	99.9	999.9	41.1	28.
33.4	101.2	10806.5	250.0	-47.2	99.9	225.9	32.5	23.4	22.6	336.0	999.9	99.9	999.9	45.6	30.
35.9	106.8	11495.4	225.0	-52.8	99.9	224.0	34.5	24.0	24.8	337.6	999.9	99.9	999.9	50.7	31.
38.3	112.3	12244.2	200.0	-59.4	99.9	231.9	31.4	24.7	19.4	338.8	999.9	99.9	999.9	55.0	33.
40.9	118.5	13068.9	175.0	-65.4	99.9	233.5	32.3	26.0	19.2	342.1	999.9	99.9	999.9	59.7	34.
44.5	125.3	14003.7	150.0	-65.9	99.9	248.0	21.4	19.8	8.0	356.5	999.9	99.9	999.9	66.0	37.
49.1	132.7	15103.9	125.0	-67.3	99.9	242.3	26.3	23.3	12.3	373.1	999.9	99.9	999.9	72.0	39.
54.4	140.0	16448.2	100.0	-69.8	99.9	233.9	23.3	18.9	13.8	393.0	999.9	99.9	999.9	78.4	41.
61.1	147.8	18161.0	75.0	-69.9	99.9	129.5	4.5	-3.5	2.9	426.3	999.9	99.9	999.9	82.8	41.
70.5	156.0	20630.0	50.0	-61.8	99.9	101.0	5.7	-5.6	1.1	498.0	999.9	99.9	999.9	83.0	40.
84.7	164.3	25045.4	25.0	-51.2	99.9	44.2	1.9	-1.3	-1.4	637.9	999.9	99.9	999.9	81.4	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. 261
DEL RIO, TEX

27 APRIL 1975
1115 GMT

158 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	8.6	314.0	970.6	24.4	20.5	130.0	6.8	-5.2	4.4	302.3	344.5	15.9	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	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.
0.7	10.5	502.3	950.0	22.4	20.3	133.7	11.4	-8.2	7.9	302.1	344.8	16.1	88.0	0.3	312.
1.5	12.6	734.6	925.0	20.7	19.7	146.8	14.5	-8.0	12.2	302.6	344.8	15.9	94.1	0.9	317.
2.3	14.9	971.8	900.0	19.2	18.1	158.6	16.3	-6.0	15.2	303.3	342.7	14.7	93.1	1.7	324.
3.1	17.1	1214.7	875.0	18.0	16.9	167.0	15.4	-3.5	15.0	304.4	342.1	14.0	92.9	2.5	331.
4.0	19.5	1463.3	850.0	16.5	15.3	167.0	16.0	-3.6	15.6	305.1	340.4	13.0	92.7	3.2	335.
4.9	21.7	1717.9	825.0	15.3	14.1	170.8	13.8	-2.2	13.6	306.4	340.3	12.4	92.6	4.1	337.
5.9	24.2	1979.0	800.0	14.3	6.8	193.8	13.7	3.3	13.3	307.4	329.4	7.8	60.9	4.8	341.
6.7	26.5	2249.2	775.0	17.2	-3.9	213.2	16.3	8.9	13.6	312.8	323.9	3.7	23.4	5.4	347.
7.7	29.1	2528.0	750.0	16.0	-16.7	224.1	15.3	10.6	10.9	314.1	318.5	1.4	9.1	6.0	355.
8.8	31.8	2814.7	725.0	14.3	-24.0	218.5	15.7	9.8	12.3	315.2	317.7	0.8	5.4	6.7	1.
9.9	34.3	3109.1	700.0	12.4	-42.3	214.5	15.3	8.6	12.5	316.3	316.7	0.1	1.0	7.5	5.
11.1	36.9	3412.6	675.0	11.0	-43.1	209.5	14.9	7.3	13.0	318.0	318.5	0.1	1.0	8.4	9.
12.2	39.7	3725.4	650.0	8.2	-26.2	201.7	15.3	5.7	14.2	318.4	321.1	0.8	7.9	9.4	10.
13.5	42.3	4046.8	625.0	4.7	-17.4	194.4	16.5	4.1	15.9	318.0	323.0	1.6	18.4	10.6	11.
14.6	45.2	4377.7	600.0	2.1	-19.7	194.1	20.5	5.0	19.9	318.7	323.1	1.3	18.0	11.8	11.
15.9	48.3	4719.4	575.0	-0.8	-17.6	200.2	21.1	7.3	19.8	319.2	324.6	1.7	26.6	13.5	12.
17.1	51.0	5072.3	550.0	-4.0	-16.9	206.5	18.9	8.4	16.9	319.5	325.4	1.8	35.6	15.0	13.
18.3	54.1	5436.8	525.0	-7.7	-15.7	207.2	23.3	10.6	20.7	319.3	326.2	2.1	52.9	16.4	14.
19.6	57.1	5814.5	500.0	-10.4	-15.5	216.2	24.3	14.3	19.6	320.6	328.0	2.3	66.5	18.1	16.
20.9	60.4	6206.8	475.0	-13.9	-27.5	224.6	24.8	17.4	17.7	320.9	323.8	0.9	31.4	19.9	18.
22.2	63.9	6615.3	450.0	-16.6	-60.4	226.9	27.7	20.2	18.9	322.4	322.5	0.0	1.0	21.7	21.
23.6	67.1	7042.6	425.0	-19.5	-62.3	226.4	26.9	19.5	18.5	323.9	324.0	0.0	1.0	23.8	23.
25.3	70.8	7490.2	400.0	-22.5	-64.3	223.1	26.1	17.8	19.1	325.6	325.7	0.0	1.0	26.1	26.
26.8	74.4	7960.9	375.0	-25.8	-66.4	218.8	33.1	20.8	25.8	327.4	327.4	0.0	1.0	28.8	27.
28.4	78.3	8457.7	350.0	-29.1	-66.6	217.0	27.4	16.5	21.9	329.5	329.5	0.0	1.3	31.8	28.
30.1	82.2	8982.8	325.0	-32.8	-65.4	210.1	30.0	15.0	25.9	331.3	331.4	0.0	2.7	34.6	28.
31.9	86.2	9541.4	300.0	-36.9	-49.6	219.7	27.2	17.4	20.9	333.2	333.7	0.1	25.3	37.6	29.
33.7	90.8	10135.7	275.0	-42.8	99.9	221.9	27.7	18.5	20.6	333.3	999.9	99.9	999.9	40.5	30.
35.6	95.4	10771.1	250.0	-48.6	99.9	223.1	33.4	22.9	24.4	333.8	999.9	99.9	999.9	44.1	31.
37.7	100.3	11455.9	225.0	-53.5	99.9	231.7	33.8	26.5	20.9	336.6	999.9	99.9	999.9	47.7	32.
40.2	105.8	12202.0	200.0	-60.3	99.9	230.2	40.1	30.8	25.6	337.3	999.9	99.9	999.9	52.7	34.
42.6	111.5	13025.3	175.0	-65.5	99.9	251.4	38.8	36.8	12.4	341.9	999.9	99.9	999.9	58.1	37.
45.4	117.8	13952.8	150.0	-70.3	99.9	251.9	39.9	37.9	12.4	349.0	999.9	99.9	999.9	63.6	40.
48.5	125.0	15037.7	125.0	-70.6	99.9	234.4	32.4	26.4	18.9	367.1	999.9	99.9	999.9	69.7	42.
52.4	133.0	16363.8	100.0	-72.7	99.9	210.8	22.5	11.5	19.3	387.2	999.9	99.9	999.9	74.6	43.
56.5	141.0	18049.5	75.0	-70.9	99.9	232.7	8.8	7.0	5.3	424.3	999.9	99.9	999.9	77.6	42.
64.5	150.3	20506.0	50.0	-61.6	99.9	209.9	4.4	2.2	3.8	498.5	999.9	99.9	999.9	80.0	41.
77.3	160.0	24886.1	25.0	-54.1	99.9	116.9	3.4	-3.0	1.5	629.0	999.9	99.9	999.9	83.6	41.

* 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

27 APRIL 1975
1125 GMT

152 11. 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	906.9	20.0	17.8	190.0	6.2	1.1	6.1	303.4	341.8	14.3	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	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.
0.2	12.6	939.4	900.0	20.2	18.5	187.6	11.4	1.5	11.3	304.4	345.0	15.1	89.7	0.2	2.
1.0	14.9	1183.2	875.0	19.0	18.2	185.5	15.2	1.5	15.2	305.5	346.7	15.2	95.3	0.7	5.
1.9	17.0	1432.7	850.0	17.9	16.7	199.3	20.2	6.7	19.1	306.8	345.6	14.3	93.0	1.7	7.
2.7	19.4	1690.2	825.0	20.0	9.3	222.6	18.0	12.2	13.3	311.0	336.5	9.0	50.2	2.7	16.
3.6	21.5	1955.4	800.0	20.1	-3.9	236.7	15.5	13.0	8.5	313.0	323.8	3.6	19.5	3.4	25.
4.5	23.9	2227.6	775.0	18.1	-6.1	241.9	15.1	13.3	7.1	313.7	323.3	3.1	18.6	4.1	31.
5.5	26.2	2506.6	750.0	15.4	-7.7	233.5	14.1	11.3	8.4	313.7	322.4	2.8	19.5	4.8	36.
6.4	28.7	2792.6	725.0	13.3	-7.8	215.7	15.1	8.8	12.3	314.5	323.4	2.9	22.2	5.6	37.
7.4	31.3	3086.5	700.0	11.1	-11.6	213.6	18.5	10.2	15.4	315.1	322.1	2.3	19.0	6.7	36.
8.5	34.0	3388.4	675.0	9.0	-12.3	212.6	20.3	10.9	17.1	316.0	322.9	2.2	20.6	8.0	36.
9.6	36.4	3699.5	650.0	6.4	-13.8	204.4	19.5	8.1	17.8	316.5	322.9	2.0	21.9	9.2	35.
10.8	39.2	4019.6	625.0	4.1	-14.6	198.9	22.2	7.2	21.0	317.4	323.7	2.0	24.1	10.7	33.
11.8	41.8	4349.7	600.0	1.1	-16.6	197.4	23.3	7.0	22.3	317.6	323.2	1.7	25.1	12.1	31.
12.9	44.7	4690.0	575.0	-2.2	-18.1	198.5	23.8	7.6	22.6	317.6	322.7	1.6	28.1	13.5	30.
13.9	47.6	5041.0	550.0	-5.5	-19.7	202.3	26.2	9.9	24.3	317.7	322.4	1.5	31.6	15.1	29.
15.1	50.5	5404.0	525.0	-8.4	-25.5	207.6	27.9	12.9	24.8	318.4	321.5	0.9	23.6	17.1	28.
16.4	53.6	5780.1	500.0	-11.7	-30.2	212.9	31.0	16.9	26.0	318.8	320.9	0.6	19.6	19.2	28.
17.6	56.5	6171.1	475.0	-14.3	-34.5	213.1	36.4	19.9	30.5	320.2	321.7	0.4	15.1	21.7	29.
18.9	59.9	6578.3	450.0	-17.9	-36.3	212.1	37.4	19.9	31.7	320.8	322.1	0.4	18.1	24.6	29.
20.3	63.3	7002.9	425.0	-21.0	-36.8	212.3	36.6	19.5	30.9	322.0	323.4	0.4	22.5	27.6	30.
21.8	66.6	7449.0	400.0	-22.9	-30.0	213.2	37.1	20.3	31.0	325.3	328.0	0.8	52.1	31.0	30.
23.3	70.3	7919.2	375.0	-26.2	-33.7	215.6	39.8	23.2	32.4	326.9	329.0	0.6	48.8	34.3	31.
24.8	73.8	8415.3	350.0	-29.3	-38.7	215.3	43.8	25.3	35.7	329.2	330.6	0.4	39.3	38.3	31.
26.4	78.0	8939.0	325.0	-34.4	-43.7	215.6	41.9	24.4	34.1	329.2	330.0	0.2	38.0	42.2	31.
28.2	82.0	9493.0	300.0	-39.6	99.9	214.2	45.1*	25.3	37.3	329.6	999.9	99.9	999.9	46.9	32.
30.3	86.2	10082.0	275.0	-44.4	99.9	211.9	40.6*	21.5	34.5	330.9	999.9	99.9	999.9	52.3	32.
32.2	90.8	10713.6	250.0	-49.1	99.9	216.9	42.6*	25.6	34.1	333.1	999.9	99.9	999.9	57.1	32.
34.5	95.7	11398.8	225.0	-53.1	99.9	223.4	50.4*	34.6	36.6	337.1	999.9	99.9	999.9	63.1	33.
37.2	100.8	12147.9	200.0	-59.1	99.9	228.1	44.5*	33.1	29.8	339.1	999.9	99.9	999.9	70.9	34.
40.2	106.8	12975.7	175.0	-63.5	99.9	229.6	40.2*	30.6	26.1	345.2	999.9	99.9	999.9	77.6	36.
43.5	113.3	13923.1	150.0	-62.8	99.9	237.1	26.3*	22.1	14.3	361.8	999.9	99.9	999.9	85.4	37.
47.1	120.3	15037.8	125.0	-65.5	99.9	222.0	25.0*	16.8	18.6	376.4	999.9	99.9	999.9	91.0	38.
52.2	128.7	16386.3	100.0	-69.2	99.9	217.9	27.9*	17.2	22.0	394.0	999.9	99.9	999.9	98.4	38.
58.2	137.7	18110.4	75.0	-65.1	99.9	239.4	6.9*	5.9	3.5	436.4	999.9	99.9	999.9	104.7	38.
66.4	147.3	20612.1	50.0	-59.3	99.9	104.2	1.3*	-1.3	0.3	503.8	999.9	99.9	999.9	105.9	37.
78.8	157.5	25007.5	25.0	-52.2	99.9	101.1	2.6	-2.6	0.5	634.9	999.9	99.9	999.9	104.9	36.

* 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

27 APRIL 1975
1115 GMT

146 24. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.3	1193.0	876.1	11.6	-3.3	285.0	7.7	7.4	-2.0	296.2	305.8	3.4	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.
0.0	17.4	1203.5	875.0	11.5	-4.3	285.6	5.8	5.6	-1.6	296.2	305.3	3.2	33.1	0.1	16.
0.9	19.9	1444.5	850.0	9.2	-7.6	283.3	2.3	2.2	-0.5	296.1	303.4	2.5	29.7	0.7	107.
1.6	22.1	1691.2	825.0	8.3	-6.4	276.6	15.2	15.1	-1.8	297.7	305.9	2.9	34.5	1.2	104.
2.4	24.7	1944.7	800.0	7.1	-4.7	260.5	16.8	16.6	2.8	299.2	308.8	3.4	42.8	1.9	99.
3.2	27.1	2205.3	775.0	6.4	-2.8	245.4	18.7	17.0	7.8	301.2	312.6	4.0	51.8	2.7	91.
4.0	29.8	2474.1	750.0	5.6	-3.7	228.5	19.3	14.5	12.8	303.2	314.3	3.9	51.0	3.6	82.
4.9	32.4	2750.8	725.0	3.7	-5.8	217.1	22.2	13.4	17.7	304.0	313.9	3.4	49.7	4.4	73.
5.8	35.2	3034.8	700.0	1.5	-7.2	214.7	25.5	14.5	21.0	304.6	313.9	3.2	52.1	5.5	65.
6.7	37.7	3326.6	675.0	-1.0	-9.2	216.7	27.1	16.2	21.7	304.9	313.3	2.8	53.3	6.3	59.
7.7	40.5	3626.7	650.0	-3.2	-11.6	222.5	28.3	19.1	20.9	305.6	312.9	2.4	52.2	8.3	55.
8.7	43.2	3936.2	625.0	-4.9	-17.3	229.7	32.2	24.6	20.9	307.1	311.9	1.6	37.0	10.1	53.
9.7	46.2	4256.3	600.0	-6.8	-25.7	232.9	33.8	27.0	20.4	308.3	310.8	0.8	20.5	12.1	53.
10.8	49.2	4587.0	575.0	-9.3	-26.6	232.6	35.7	28.3	21.7	309.2	311.7	0.8	22.9	14.4	53.
11.9	52.0	4930.3	550.0	-9.8	-31.3	229.7	38.1	29.1	24.6	312.5	314.2	0.5	15.2	16.9	53.
13.2	55.2	5287.5	525.0	-12.3	-33.2	227.0	40.9	29.9	27.9	313.7	315.2	0.4	15.4	20.0	52.
14.4	58.3	5659.3	500.0	-14.2	-34.7	223.5	41.3	28.4	29.9	315.8	317.1	0.4	15.5	22.9	51.
15.6	61.6	6047.3	475.0	-15.8	-36.0	221.0	42.2	27.7	31.9	318.4	319.7	0.4	15.7	25.8	50.
16.8	65.0	6452.6	450.0	-18.3	-38.9	220.7	43.1*	28.1	32.7	320.2	321.2	0.3	14.3	29.0	49.
18.0	68.3	6876.9	425.0	-21.2	-44.8	218.2	39.6*	24.5	31.1	321.8	322.4	0.2	9.8	32.0	48.
19.4	71.9	7321.1	400.0	-24.7	-47.3	216.4	40.6*	24.1	32.7	322.8	323.3	0.1	10.1	35.2	47.
21.0	75.7	7787.5	375.0	-28.0	-49.7	217.6	42.2*	25.8	33.5	324.4	324.9	0.1	10.4	39.0	46.
22.7	79.7	8278.7	350.0	-32.2	-52.5	216.8	45.2*	27.1	36.2	325.2	325.5	0.1	11.2	43.4	45.
24.4	83.5	8797.6	325.0	-36.4	-55.1	214.8	43.9*	25.1	36.0	326.4	326.7	0.1	12.3	47.8	44.
26.3	87.7	9348.5	300.0	-40.0	99.9	212.6	50.4*	27.2	42.5	329.0	999.9	99.9	999.9	52.7	43.
28.1	92.2	9936.7	275.0	-44.7	99.9	214.3	47.1*	26.6	38.9	330.4	999.9	99.9	999.9	58.7	42.
30.0	96.8	10567.1	250.0	-49.4	99.9	217.8	52.6*	32.2	41.6	332.6	999.9	99.9	999.9	64.9	42.
32.3	101.8	11249.9	225.0	-54.7	99.9	215.0	41.7*	23.9	34.2	334.7	999.9	99.9	999.9	69.8	41.
35.1	107.5	11993.9	200.0	-59.9	99.9	224.5	49.5*	34.7	35.3	337.9	999.9	99.9	999.9	79.1	41.
38.0	113.3	12824.0	175.0	-59.7	99.9	228.7	43.0*	32.3	28.4	351.4	999.9	99.9	999.9	86.9	42.
41.8	119.7	13786.1	150.0	-58.4	99.9	236.5	33.5*	28.0	18.5	369.4	999.9	99.9	999.9	97.6	43.
46.3	127.0	14946.9	125.0	-52.6	99.9	214.2	19.3*	10.9	16.0	399.9	999.9	99.9	999.9	107.2	43.
50.5	135.0	16349.8	100.0	-64.0	99.9	182.9	14.1*	0.7	14.1	404.2	999.9	99.9	999.9	109.2	42.
55.8	143.0	18073.1	75.0	-63.8	99.9	221.9	14.2*	9.5	10.6	439.2	999.9	99.9	999.9	114.2	42.
64.4	152.0	20589.8	50.0	-59.9	99.9	231.0	4.1*	3.2	2.6	502.4	999.9	99.9	999.9	115.8	42.
77.2	161.7	24997.0	25.0	-53.3	99.9	999.9	99.9	99.9	99.9	631.8	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

STATION NO. 327
NASHVILLE, TENN

27 APRIL 1975
1115 GMT

161 15. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	180.0	999.6	12.1	9.8	30.0	2.1	-1.0	-1.8	286.3	306.0	7.7	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	999.9	99.9	999.9	999.9	999.
0.8	6.5	390.5	975.0	15.6	11.4	176.8	7.0	-0.4	7.0	292.0	314.8	8.7	76.3	0.3	274.
1.6	8.6	612.7	950.0	19.2	8.3	177.8	6.1	-0.2	6.1	297.6	317.3	7.2	49.3	0.5	313.
2.5	10.5	842.3	925.0	19.4	0.4	206.8	2.5	1.1	2.3	299.8	312.3	4.4	28.8	0.6	330.
3.3	12.6	1077.0	900.0	17.6	6.5	268.1	3.0	3.0	0.1	300.6	319.8	7.0	49.9	0.7	340.
4.2	14.7	1317.2	875.0	15.2	11.1	273.3	4.1	4.1	-0.2	300.9	326.7	9.5	76.1	0.6	356.
5.0	16.7	1562.8	850.0	13.4	10.7	273.1	4.6	4.6	-0.2	301.5	327.5	9.6	83.6	0.6	16.
6.0	18.9	1813.9	825.0	11.6	9.7	275.8	4.6	4.6	-0.5	302.1	327.2	9.2	88.2	0.7	39.
6.8	21.0	2071.2	800.0	10.6	6.0	282.1	4.1	4.0	-0.8	303.4	323.9	7.4	73.2	0.9	51.
7.9	23.4	2335.4	775.0	8.8	4.0	297.7	3.6	3.2	-1.7	304.1	322.6	6.6	72.1	1.0	64.
8.9	25.6	2606.5	750.0	7.1	2.0	290.7	3.9	3.6	-1.4	305.0	321.7	5.9	69.9	1.1	72.
9.9	27.9	2884.4	725.0	5.0	-2.2	292.9	5.4	5.0	-2.1	305.5	318.5	4.5	59.5	1.3	78.
10.9	30.4	3171.0	700.0	5.2	-14.2	302.0	6.0	5.1	-3.2	308.5	314.3	1.9	24.2	1.7	87.
12.0	33.0	3468.1	675.0	5.3	-12.5	322.8	5.1	3.1	-4.0	311.8	318.5	2.2	26.3	2.0	94.
13.0	35.5	3775.2	650.0	2.8	-12.0	343.2	6.1	1.8	-5.8	312.5	319.6	2.3	32.4	2.1	102.
14.1	38.0	4090.7	625.0	0.2	-16.1	342.0	7.7	2.4	-7.3	312.8	318.3	1.7	28.0	2.3	112.
15.2	40.6	4416.8	600.0	-2.3	-13.5	339.4	9.1	3.2	-8.5	313.8	320.7	2.2	41.6	2.8	120.
16.4	43.4	4753.0	575.0	-5.2	-13.8	330.3	11.6	5.8	-10.1	314.1	321.2	2.3	50.8	3.4	128.
17.6	46.3	5100.2	550.0	-8.3	-15.3	333.7	13.8	6.1	-12.4	314.5	321.1	2.1	56.9	4.3	132.
18.9	49.3	5459.3	525.0	-11.3	-21.2	333.3	12.4	7.4	-9.9	315.0	319.3	1.3	43.7	5.2	138.
20.2	52.1	5831.9	500.0	-13.8	-29.8	303.6	13.8	11.5	-7.6	316.2	318.4	0.6	24.7	6.2	134.
21.6	55.3	6220.7	475.0	-16.0	-23.2	309.2	16.3	12.6	-10.3	318.3	322.4	1.2	53.7	7.5	134.
23.0	58.4	6625.9	450.0	-18.8	-21.7	308.5	16.5	13.0	-10.3	319.8	324.6	1.5	77.9	8.9	133.
24.5	61.9	7049.9	425.0	-21.4	-25.2	311.2	16.2	12.2	-10.7	321.6	325.4	1.2	71.4	10.4	133.
26.1	65.4	7494.5	400.0	-24.4	-28.5	314.5	18.6	13.2	-13.0	323.3	326.4	0.9	68.3	12.0	133.
27.7	69.0	7961.5	375.0	-27.7	-34.1	314.4	19.3	13.8	-13.5	324.9	326.9	0.6	54.2	13.8	133.
29.4	72.7	8454.1	350.0	-31.5	-38.7	312.4	21.1	15.6	-14.2	326.2	327.6	0.4	48.5	15.9	133.
31.1	76.8	8974.2	325.0	-35.5	-43.1	307.0	21.2	17.0	-12.8	327.7	328.6	0.3	45.0	18.0	133.
33.0	81.0	9527.5	300.0	-39.2	99.9	308.8	21.9	17.1	-13.8	330.1	999.9	99.9	999.9	20.4	132.
34.9	85.5	10117.8	275.0	-44.2	99.9	308.4	23.2	18.2	-14.4	331.2	999.9	99.9	999.9	23.1	132.
37.0	90.3	10748.7	250.0	-50.2	99.9	308.2	23.1	18.2	-14.3	331.5	999.9	99.9	999.9	26.0	131.
39.5	95.5	11428.9	225.0	-55.4	99.9	318.2	28.9	19.3	-21.6	333.6	999.9	99.9	999.9	29.8	132.
42.2	101.0	12169.5	200.0	-61.7	99.9	312.4	34.4	25.4	-23.2	335.0	999.9	99.9	999.9	35.0	132.
44.9	107.3	12984.2	175.0	-67.9	99.9	315.5	39.2	27.4	-27.9	337.9	999.9	99.9	999.9	41.0	132.
48.1	114.0	13902.8	150.0	-69.9	99.9	311.9	29.1	21.7	-19.4	349.7	999.9	99.9	999.9	47.5	133.
51.8	122.0	14995.3	125.0	-68.6	99.9	315.4	28.7	20.2	-20.5	370.8	999.9	99.9	999.9	53.1	133.
56.2	130.7	16343.9	100.0	-66.4	99.9	319.4	22.6	14.7	-17.2	399.4	999.9	99.9	999.9	59.7	133.
61.8	140.0	18083.6	75.0	-65.6	99.9	325.6	14.5	8.2	-12.0	435.4	999.9	99.9	999.9	65.0	134.
69.2	149.7	20583.1	50.0	-61.4	99.9	41.8	7.4	-5.0	-5.5	499.0	999.9	99.9	999.9	67.6	136.
80.9	160.0	25003.3	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.

* 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

27 APRIL 1975
1115 GMT

160 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	1007.1	20.6	18.4	220.0	2.1	1.3	1.6	294.9	329.5	13.3	87.0	0.0	0.
0.2	6.1	140.6	1000.0	21.7	20.8	212.1	5.6	3.0	4.8	297.0	337.7	15.7	94.4	0.3	38.
1.0	8.3	361.7	975.0	22.3	20.2	210.3	9.0	4.5	7.8	299.7	340.5	15.5	87.9	0.5	36.
1.8	10.5	588.4	950.0	21.8	19.8	200.7	11.7	4.1	10.9	301.4	342.6	15.5	88.4	1.0	31.
2.6	12.6	820.3	925.0	20.6	17.8	193.0	12.2	2.7	11.9	302.3	339.9	14.1	84.3	1.6	25.
3.4	14.9	1057.3	900.0	19.7	13.5	192.9	12.8	2.8	12.5	303.3	332.9	10.9	67.4	2.2	22.
4.2	17.1	1300.1	875.0	19.2	6.2	190.0	12.6	2.2	12.5	304.7	323.8	6.8	42.6	2.8	20.
5.1	19.5	1548.8	850.0	17.6	5.0	188.6	12.8	1.9	12.7	305.5	323.6	6.4	43.3	3.5	18.
5.9	21.6	1803.3	825.0	15.7	6.0	177.7	11.8	-0.5	11.8	306.2	326.3	7.2	52.6	4.1	16.
6.9	24.1	2063.7	800.0	13.2	5.8	176.8	12.2	-0.7	12.2	306.2	326.7	7.3	60.7	4.8	13.
7.8	26.4	2330.2	775.0	11.2	4.9	182.4	12.2	0.5	12.2	306.8	326.7	7.1	65.3	5.4	11.
8.8	29.0	2603.3	750.0	9.0	5.7	190.3	13.1	2.3	12.9	307.4	329.0	7.7	79.6	6.1	10.
9.8	31.6	2884.2	725.0	9.0	-15.0	199.2	13.0	4.3	12.2	309.7	315.8	2.4	24.9	7.0	11.
10.9	34.3	3174.9	700.0	9.6	-28.7	207.3	12.2	5.6	10.9	313.2	314.9	0.5	4.7	7.8	12.
12.0	36.8	3475.6	675.0	8.2	-30.9	214.6	12.1	6.9	9.9	314.8	316.3	0.4	4.3	8.5	14.
13.1	39.7	3785.3	650.0	5.6	-26.4	216.9	10.6	6.4	8.5	315.3	317.2	0.6	6.4	9.2	16.
14.3	42.2	4104.7	625.0	3.9	-23.6	214.2	7.7	4.3	6.4	317.0	320.0	0.9	11.3	9.8	17.
15.5	45.2	4434.4	600.0	0.9	-20.6	213.7	7.2	4.0	6.0	317.3	321.3	1.2	18.1	10.3	18.
16.7	48.3	4774.9	575.0	-1.5	-15.4	227.5	8.8	6.5	6.0	318.4	324.8	2.0	33.9	10.9	19.
18.2	51.1	5127.3	550.0	-4.1	-10.5	242.6	9.1	8.1	4.2	319.6	329.4	3.1	61.6	11.5	22.
19.5	54.3	5492.4	525.0	-7.5	-9.4	246.7	8.3	7.6	3.3	319.8	330.9	3.6	86.9	12.1	24.
20.9	57.3	5870.8	500.0	-10.0	-17.8	244.5	8.7	7.8	3.7	321.0	327.1	1.9	52.7	12.6	26.
22.2	60.6	6264.1	475.0	-13.6	-18.5	247.3	8.1	7.5	3.1	321.4	327.4	1.9	66.5	13.1	28.
23.5	64.0	6672.6	450.0	-17.2	-18.4	261.6	8.4	8.3	1.2	321.8	328.2	2.0	90.7	13.5	30.
24.9	67.4	7099.4	425.0	-19.2	-42.3	258.4	12.4	12.1	2.5	324.3	325.2	0.2	12.2	14.1	32.
26.3	70.9	7548.5	400.0	-21.9	-50.7	269.1	14.1	14.1	0.2	326.4	326.8	0.1	5.3	14.9	36.
28.1	74.8	8019.8	375.0	-25.8	-50.8	269.3	15.4	15.4	0.2	327.4	327.8	0.1	7.4	15.9	41.
30.0	78.8	8515.9	350.0	-29.8	-50.1	267.9	15.2	15.2	0.6	328.4	328.9	0.1	11.9	17.0	45.
32.1	82.8	9040.0	325.0	-33.7	-42.6	274.3	19.3	19.3	-1.4	330.2	331.2	0.3	41.2	18.6	50.
34.2	87.0	9598.0	300.0	-36.2	-41.7	277.5	17.6	17.4	-2.3	334.3	335.5	0.3	56.5	20.3	55.
36.4	91.8	10195.2	275.0	-41.8	99.9	293.8	12.5	11.5	-5.1	334.7	999.9	99.9	999.9	21.7	58.
38.6	96.4	10833.8	250.0	-47.1	99.9	280.0	14.4	14.1	-2.5	336.0	999.9	99.9	999.9	22.9	62.
41.1	101.5	11521.3	225.0	-53.4	99.9	273.5	17.0	17.0	-1.0	336.6	999.9	99.9	999.9	24.8	65.
44.0	107.3	12267.2	200.0	-60.3	99.9	272.9	22.6	22.5	-1.1	337.2	999.9	99.9	999.9	27.7	68.
47.1	113.3	13087.4	175.0	-66.5	99.9	266.0	30.6	30.5	2.1	340.3	999.9	99.9	999.9	32.4	71.
50.4	119.7	14006.6	150.0	-72.8	99.9	270.8	32.9	32.9	-0.5	344.7	999.9	99.9	999.9	39.2	74.
54.8	127.0	15102.6	125.0	-65.3	99.9	279.2	22.4	22.1	-3.6	376.8	999.9	99.9	999.9	45.6	77.
59.9	135.0	16462.8	100.0	-65.7	99.9	281.0	19.3	19.0	-3.7	400.9	999.9	99.9	999.9	51.4	80.
66.4	143.0	18196.2	75.0	-67.3	99.9	301.2	8.1	6.9	-4.2	431.9	999.9	99.9	999.9	55.9	82.
74.9	151.7	20648.3	50.0	-64.7	99.9	37.6	4.2	-2.6	-3.3	491.2	999.9	99.9	999.9	56.9	86.
87.5	160.7	25023.8	25.0	-52.3	99.9	35.7	0.5	-0.3	-0.4	634.7	999.9	99.9	999.9	53.9	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

33

STATION NO. 349
MONETTE, MO

27 APRIL 1975
1115 GMT

151 1%. 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	8.1	438.0	963.8	19.9	18.4	130.0	4.2	-3.2	2.7	298.0	334.7	14.0	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.
0.4	9.2	563.1	950.0	20.3	18.5	165.8	14.1	-3.4	13.6	299.8	337.4	14.3	88.9	0.4	332.
1.3	11.3	794.2	925.0	20.0	16.8	180.5	15.9	0.1	15.9	301.5	336.8	13.2	81.9	1.0	344.
2.1	13.5	1031.3	900.0	20.4	13.7	198.3	18.9	5.9	18.0	304.1	334.2	11.1	65.4	1.8	357.
2.9	15.6	1274.7	875.0	19.4	13.6	206.0	19.7	8.6	17.7	305.4	336.3	11.3	69.1	2.7	5.
3.9	17.9	1523.8	850.0	17.6	13.1	211.0	18.5	9.5	15.9	306.1	337.0	11.2	74.7	3.7	13.
4.7	20.1	1778.8	825.0	15.9	10.9	205.9	19.4	8.5	17.5	306.8	334.4	10.0	72.0	4.7	15.
5.8	22.5	2040.1	800.0	14.2	6.9	201.7	16.9	6.3	15.7	307.3	329.4	7.8	61.4	5.9	17.
6.8	24.8	2307.9	775.0	12.1	8.7	204.9	17.4	7.3	15.8	308.1	333.8	9.2	79.8	6.9	18.
7.9	27.2	2581.9	750.0	9.4	8.0	209.7	15.7	7.8	13.6	308.0	333.2	9.0	90.7	7.9	20.
8.9	29.8	2862.7	725.0	7.0	2.9	208.9	16.1	7.8	14.1	308.1	326.9	6.6	75.4	8.9	21.
10.0	32.4	3152.2	700.0	8.3	-24.0	211.0	16.3	8.4	14.0	311.7	314.3	0.8	8.0	9.9	22.
10.9	34.8	3451.4	675.0	7.0	-24.8	216.8	16.7	10.0	13.4	313.6	316.1	0.8	8.1	11.0	22.
12.1	37.5	3760.4	650.0	5.1	-26.0	220.2	16.8	10.8	12.8	314.8	317.1	0.7	8.3	11.9	24.
13.0	40.0	4078.7	625.0	3.2	-27.2	223.6	15.8	10.9	11.4	316.2	318.4	0.7	8.5	12.9	25.
14.3	42.9	4408.2	600.0	1.2	-13.4	230.7	16.2	12.5	10.2	317.7	325.3	2.4	34.8	13.8	27.
15.5	45.8	4749.3	575.0	-1.4	-10.1	230.1	19.4	14.9	12.5	318.7	328.3	3.1	51.5	15.1	29.
16.8	48.7	5102.2	550.0	-3.8	-10.0	224.5	19.8	13.9	14.1	319.9	330.1	3.3	62.5	16.5	31.
18.1	51.5	5468.0	525.0	-6.1	-16.8	221.0	18.2	12.0	13.8	321.3	327.6	2.0	42.6	18.1	32.
19.4	54.5	5847.5	500.0	-9.9	-17.2	218.1	18.8	11.6	14.8	321.2	327.6	2.0	54.8	19.5	32.
20.8	57.6	6240.6	475.0	-13.7	-16.9	220.5	18.1	11.8	13.8	321.3	328.2	2.1	76.3	21.1	33.
22.2	60.9	6649.0	450.0	-17.4	-22.0	224.8	20.5	14.4	14.6	321.5	326.2	1.5	67.3	22.6	34.
23.7	64.0	7074.7	425.0	-20.3	-22.1	245.1	15.9	14.4	6.7	323.1	328.1	1.5	85.0	24.0	35.
25.4	67.3	7521.7	400.0	-23.1	-42.9	254.9	16.8	16.2	4.4	325.0	325.7	0.2	14.4	25.5	37.
26.9	70.7	7991.7	375.0	-26.4	-39.7	247.3	20.3	18.7	7.8	326.6	327.8	0.3	27.2	26.7	39.
28.5	74.5	8485.6	350.0	-31.0	-38.2	248.2	24.0	22.3	8.9	326.9	328.4	0.4	49.3	28.8	41.
30.0	78.5	9008.9	325.0	-34.0	-38.4	253.7	22.6	21.7	6.3	329.7	331.2	0.4	64.1	30.5	43.
31.8	82.3	9564.5	300.0	-38.2	99.9	259.4	20.5	20.1	3.8	331.4	999.9	99.9	999.9	32.6	45.
34.0	86.5	10156.4	275.0	-43.5	99.9	256.4	20.1	19.6	4.7	332.2	999.9	99.9	999.9	35.1	48.
36.3	91.2	10789.8	250.0	-49.1	99.9	259.9	19.5	19.2	3.4	333.1	999.9	99.9	999.9	37.4	50.
38.7	95.8	11473.3	225.0	-54.4	99.9	257.6	20.2	19.7	4.3	335.1	999.9	99.9	999.9	40.0	52.
41.1	100.8	12216.5	200.0	-61.0	99.9	256.1	21.8	21.2	5.2	336.1	999.9	99.9	999.9	42.7	53.
43.8	106.5	13034.8	175.0	-66.6	99.9	252.3	30.0	28.6	9.1	340.1	999.9	99.9	999.9	47.1	55.
47.1	112.5	13951.8	150.0	-72.3	99.9	253.3	30.8	29.5	8.9	345.5	999.9	99.9	999.9	52.9	57.
51.3	119.3	15053.1	125.0	-66.1	99.9	279.7	17.5	17.2	-3.0	375.3	999.9	99.9	999.9	58.4	60.
55.7	127.0	16405.4	100.0	-67.3	99.9	280.2	12.8	12.6	-2.3	397.7	999.9	99.9	999.9	62.2	62.
61.8	136.0	18142.6	75.0	-67.3	99.9	293.9	9.7	8.9	-3.9	431.8	999.9	99.9	999.9	66.0	64.
70.8	145.0	20626.8	50.0	-60.5	99.9	71.1	4.2	-3.9	-1.3	501.0	999.9	99.9	999.9	65.3	66.
84.2	154.7	25035.9	25.0	-52.1	99.9	31.0	4.1	-2.1	-3.6	635.3	999.9	99.9	999.9	61.7	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. 353
OKLAHOMA CITY OKC

27 APRIL 1975
1115 GMT

161 12. 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	9.7	392.0	962.8	21.1	18.3	160.0	10.3	-3.5	9.7	299.3	336.0	13.9	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	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	10.8	508.6	950.0	21.0	19.8	160.9	16.9	-5.5	16.0	300.6	341.7	15.6	92.9	0.4	339.
1.3	13.2	739.8	925.0	19.1	18.8	170.8	20.0	-3.2	19.8	300.8	340.5	15.0	98.1	1.2	343.
2.2	15.6	975.9	900.0	17.8	17.5	185.4	24.8	2.4	24.7	301.7	339.5	14.2	98.4	2.5	350.
3.2	18.0	1217.7	875.0	17.7	16.1	194.5	28.5	7.2	27.6	304.0	339.9	13.3	90.4	4.0	359.
4.1	20.5	1465.9	850.0	15.7	14.8	198.3	29.2	9.2	27.7	304.3	338.5	12.6	94.6	5.6	4.
5.2	22.9	1719.3	825.0	13.6	13.3	203.1	26.1	10.2	24.0	304.5	336.6	11.8	98.5	7.4	8.
6.3	25.4	1979.0	800.0	12.0	11.8	205.0	23.3	9.8	21.1	305.4	335.5	11.0	98.3	9.0	11.
7.6	27.9	2245.5	775.0	11.2	10.9	210.3	18.1	9.2	15.6	307.3	336.9	10.7	98.1	10.5	13.
8.9	30.7	2519.7	750.0	9.7	-0.4	203.7	19.8*	7.9	18.1	307.9	323.1	5.3	52.1	11.9	15.
10.2	33.4	2802.8	725.0	12.0	-0.5	197.5	19.2	5.8	18.3	313.3	328.4	5.1	42.1	13.4	16.
11.5	36.0	3096.3	700.0	11.2	-1.5	198.8	19.3	6.2	18.3	315.5	330.1	4.9	41.2	14.9	16.
12.8	38.8	3399.3	675.0	9.9	-21.0	207.0	16.4	7.4	14.6	316.8	320.3	1.1	9.3	16.4	16.
14.1	41.6	3711.0	650.0	7.0	-9.3	204.9	15.0	6.3	13.6	317.3	326.3	2.9	30.4	17.4	17.
15.3	44.5	4031.8	625.0	4.2	-7.8	201.9	20.0	7.5	18.6	317.7	328.2	3.4	41.2	18.7	17.
16.4	47.5	4362.3	600.0	1.6	-20.2	206.5	21.2	9.4	19.0	318.1	322.3	1.3	18.0	20.1	18.
17.6	50.6	4703.4	575.0	-1.2	-16.8	210.0	22.3	11.1	19.3	318.8	324.6	1.8	29.3	21.6	19.
18.8	53.6	5056.2	550.0	-3.8	-14.7	212.1	27.3	14.5	23.1	319.8	326.9	2.2	42.3	23.4	20.
20.1	56.6	5421.4	525.0	-7.1	-14.9	212.4	26.7	14.3	22.6	320.2	327.5	2.3	53.6	25.3	21.
21.6	60.0	5799.2	500.0	-11.0	-14.9	212.4	25.7	13.8	21.7	319.9	327.6	2.4	72.8	27.8	22.
23.2	63.4	6191.1	475.0	-14.7	-15.5	212.2	28.4	15.1	24.1	320.0	327.6	2.4	94.2	30.4	23.
24.9	66.7	6598.4	450.0	-17.0	-36.6	215.4	26.3	15.2	21.5	321.9	323.2	0.4	16.9	33.0	24.
26.6	70.3	7025.1	425.0	-19.9	-40.7	213.3	21.6	11.8	18.0	323.4	324.3	0.3	13.6	35.5	24.
28.4	73.8	7472.3	400.0	-22.9	-42.9	217.2	25.9	15.7	20.7	325.2	326.0	0.2	14.0	37.9	25.
30.3	77.7	7942.0	375.0	-26.3	-42.5	217.6	34.5	21.0	27.3	326.7	327.6	0.2	20.0	41.2	26.
31.9	81.5	8436.3	350.0	-30.9	-43.1	220.9	32.2*	21.1	24.3	327.1	327.9	0.2	28.6	44.3	27.
33.8	85.6	8958.0	325.0	-35.0	-39.2	225.8	29.9*	21.4	20.9	328.4	329.8	0.4	65.3	47.7	28.
35.9	89.8	9511.5	300.0	-38.5	-41.7	229.2	28.2*	21.3	18.4	331.1	332.2	0.3	70.9	51.5	30.
38.2	94.6	10103.7	275.0	-43.4	99.9	225.4	37.8*	26.9	26.6	332.4	999.9	99.9	999.9	55.6	31.
40.6	99.2	10736.7	250.0	-49.4	99.9	227.9	34.2*	25.4	22.9	332.6	999.9	99.9	999.9	60.8	32.
43.4	104.3	11417.6	225.0	-55.8	99.9	224.8	30.9*	21.7	21.9	333.0	999.9	99.9	999.9	65.8	33.
46.4	109.8	12160.3	200.0	-59.7	99.9	229.3	37.9*	28.7	24.7	338.3	999.9	99.9	999.9	72.8	35.
49.4	115.6	12983.6	175.0	-65.9	99.9	228.9	39.9*	30.1	26.2	341.1	999.9	99.9	999.9	78.2	36.
53.0	122.3	13908.5	150.0	-68.7	99.9	227.1	20.4*	14.9	13.9	351.8	999.9	99.9	999.9	85.6	37.
57.7	129.3	15017.8	125.0	-62.7	99.9	244.1	18.0*	16.2	7.8	381.5	999.9	99.9	999.9	93.9	38.
63.6	137.3	16382.9	100.0	-66.5	99.9	355.0	7.8*	0.7	-7.8	399.2	999.9	99.9	999.9	100.0	39.
70.4	145.3	18120.2	75.0	-67.6	99.9	208.0	23.0*	10.8	20.3	431.2	999.9	99.9	999.9	103.9	40.
79.4	154.3	20610.2	50.0	-60.5	99.9	111.0	5.9	-5.5	2.1	501.0	999.9	99.9	999.9	101.9	39.
93.4	164.0	25002.1	25.0	-52.6	99.9	36.8	0.7	-0.4	-0.6	633.6	999.9	99.9	999.9	99.1	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. 363
AMARILLO, TEX

27 APRIL 1975
1115 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.9	1095.0	881.0	17.8	14.5	170.0	10.3	-1.8	10.1	303.3	335.5	11.9	81.0	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.
0.2	15.4	1153.9	875.0	17.8	15.5	182.2	15.3	0.6	15.3	304.0	338.5	12.8	86.3	0.3	356.
1.0	17.5	1402.1	850.0	16.3	15.2	190.4	18.3	3.3	18.0	305.0	340.1	12.9	93.1	0.9	1.
1.9	19.9	1656.6	825.0	14.9	13.9	202.2	23.2	8.8	21.4	306.0	339.3	12.2	93.3	1.9	10.
2.7	22.0	1917.8	800.0	13.9	12.8	210.5	24.7	12.6	21.3	307.5	339.8	11.7	93.3	3.1	17.
3.7	24.5	2185.7	775.0	11.8	10.7	217.3	24.4	14.8	19.4	308.0	337.3	10.6	92.9	4.5	22.
4.5	26.7	2460.1	750.0	9.9	8.8	222.3	23.9	16.1	17.7	308.6	335.4	9.6	92.7	5.7	26.
5.6	29.2	2741.9	725.0	8.9	3.2	224.5	20.9	14.6	14.9	310.2	329.3	6.7	67.1	7.1	30.
6.8	31.8	3032.7	700.0	8.2	2.1	215.9	23.0	13.5	18.7	312.4	331.0	6.4	65.4	8.7	32.
7.9	34.4	3332.1	675.0	5.8	2.3	204.9	23.7	10.0	21.5	313.0	332.6	6.8	78.5	10.2	31.
9.1	37.0	3640.7	650.0	4.9	-18.0	197.7	26.1	7.9	24.9	314.7	319.3	1.4	17.0	11.9	30.
10.3	39.8	3959.1	625.0	2.2	-19.4	192.7	23.7	5.2	23.1	315.1	319.4	1.3	18.2	13.7	28.
11.6	42.3	4286.9	600.0	-0.7	-20.7	190.8	23.9	4.5	23.5	315.4	319.4	1.2	20.2	15.4	26.
12.8	45.3	4624.8	575.0	-3.6	-21.6	193.2	26.9	6.2	26.2	315.8	319.7	1.2	23.2	17.2	24.
14.0	48.3	4974.2	550.0	-6.6	-23.6	194.6	29.3	7.4	28.4	316.4	319.8	1.0	24.3	19.1	23.
15.1	51.1	5335.9	525.0	-9.3	-26.8	199.4	31.4	10.4	29.6	317.4	320.1	0.8	22.5	21.3	23.
16.4	54.3	5711.2	500.0	-12.3	-23.1	203.3	37.8	15.0	34.7	318.2	322.1	1.2	39.9	23.8	23.
17.7	57.3	6101.1	475.0	-15.4	-23.9	204.3	36.3	15.0	33.1	319.1	322.9	1.2	47.8	26.7	23.
18.9	60.6	6507.3	450.0	-18.0	-26.3	205.6	38.8*	16.8	35.0	320.6	323.9	1.0	47.9	29.8	23.
20.5	64.1	6933.4	425.0	-19.9	-26.3	205.2	31.0*	13.2	28.1	323.6	327.1	1.0	56.0	32.6	23.
22.0	67.6	7380.1	400.0	-23.8	-30.9	208.9	33.7*	16.3	29.5	324.0	326.5	0.7	51.8	35.7	23.
23.6	71.0	7847.6	375.0	-27.7	-32.6	211.6	33.6*	17.6	28.7	324.9	327.2	0.7	63.0	38.8	24.
25.2	75.0	8339.8	350.0	-31.5	-36.9	213.9	38.2*	21.3	31.7	326.2	327.8	0.5	58.6	42.1	25.
27.0	79.0	8860.2	325.0	-35.4	-41.5	213.9	33.6*	18.7	27.9	327.8	328.9	0.3	53.3	46.3	26.
28.9	83.2	9412.0	300.0	-40.2	99.9	207.8	49.7*	23.2	44.0	328.7	999.9	99.9	999.9	51.6	26.
30.7	87.6	9999.4	275.0	-45.3	99.9	206.5	44.3*	19.8	39.6	329.6	999.9	99.9	999.9	56.1	26.
32.8	92.4	10629.6	250.0	-49.9	99.9	212.7	31.7*	17.2	26.7	331.9	999.9	99.9	999.9	61.0	26.
35.0	97.4	11310.1	225.0	-55.2	99.9	213.4	33.8*	18.6	28.2	333.9	999.9	99.9	999.9	64.8	27.
37.5	102.8	12053.7	200.0	-60.0	99.9	209.8	42.0*	20.9	36.5	337.8	999.9	99.9	999.9	70.4	27.
40.3	109.0	12882.5	175.0	-62.4	99.9	205.8	45.6*	19.9	41.0	346.9	999.9	99.9	999.9	78.0	27.
43.3	115.4	13832.0	150.0	-62.7	99.9	220.1	35.3*	22.8	27.0	362.1	999.9	99.9	999.9	85.3	27.
47.4	123.0	14968.0	125.0	-59.0	99.9	264.6	11.9*	11.8	1.1	388.2	999.9	99.9	999.9	91.7	29.
50.8	131.5	16344.0	100.0	-68.1	99.9	204.9	24.8*	10.5	22.5	396.2	999.9	99.9	999.9	95.6	30.
56.5	141.0	18089.5	75.0	-63.6	99.9	221.6	18.3*	12.2	13.7	439.7	999.9	99.9	999.9	99.8	30.
64.2	151.5	20605.1	50.0	-60.1	99.9	79.6	5.9	-5.8	-1.1	501.9	999.9	99.9	999.9	100.2	29.
76.9	163.5	25017.2	25.0	-53.3	99.9	77.1	6.1	-6.0	-1.4	631.6	999.9	99.9	999.9	99.8	28.

* 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

27 APRIL 1975
1115 GMT

143 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	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.5	1619.0	829.0	7.2	-2.8	260.0	7.7	7.6	1.3	296.3	306.8	3.8	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.
0.2	22.9	1658.7	825.0	6.3	-6.2	264.5	13.8	13.8	1.3	295.7	304.0	2.9	40.3	0.3	68.
1.0	25.5	1910.4	800.0	4.7	-6.7	259.9	17.4	17.1	3.0	296.6	304.8	2.9	43.1	0.9	84.
1.9	28.0	2168.5	775.0	3.4	-7.6	246.7	18.5	17.0	7.3	297.8	305.8	2.8	44.4	1.9	79.
2.8	30.8	2434.1	750.0	2.1	-7.6	228.5	13.7	10.3	9.1	299.2	307.5	2.9	48.6	2.7	73.
3.8	33.6	2706.9	725.0	0.2	-8.4	220.1	15.7	10.1	12.0	300.0	308.1	2.8	52.3	3.4	66.
4.7	36.2	2986.9	700.0	-2.3	-9.3	210.4	16.2	8.2	13.9	300.3	308.1	2.7	58.3	4.2	60.
5.7	39.0	3274.5	675.0	-4.7	-10.6	207.9	16.9	7.9	14.9	300.7	308.0	2.5	63.1	5.1	54.
6.8	41.8	3570.2	650.0	-7.4	-12.7	202.6	19.7	7.6	18.2	300.9	307.4	2.2	65.4	6.1	49.
7.9	44.9	3874.5	625.0	-9.4	-13.5	194.6	21.5	5.4	20.8	301.9	308.3	2.1	71.7	7.4	43.
9.0	47.9	4189.2	600.0	-11.7	-15.0	193.5	22.9	5.3	22.3	302.8	308.7	2.0	76.4	8.6	38.
10.2	50.9	4513.6	575.0	-14.5	-21.9	198.8	28.1	9.0	26.6	303.2	306.7	1.2	53.3	10.3	34.
11.3	54.1	4849.6	550.0	-16.0	-38.6	205.1	32.5	13.8	29.4	305.0	305.9	0.2	12.2	12.4	32.
12.5	57.1	5198.4	525.0	-18.4	-40.3	207.9	35.3	16.5	31.2	306.3	307.1	0.2	12.4	14.7	31.
13.7	60.6	5560.6	500.0	-21.2	-42.4	208.1	39.2	18.5	34.6	307.2	307.8	0.2	12.7	17.6	31.
15.2	64.1	5937.8	475.0	-22.9	-43.7	207.7	44.1	20.5	39.1	309.6	310.2	0.2	12.8	21.1	30.
16.9	67.6	6332.8	450.0	-24.2	-46.1	206.7	50.6*	22.8	45.2	312.7	313.2	0.1	11.0	26.1	30.
19.4	71.0	6750.2	425.0	-24.0	-45.5	198.1	59.0*	18.3	56.1	318.1	318.7	0.1	11.7	34.2	28.
21.4	75.0	7190.9	400.0	-26.2	-47.0	195.0	50.2*	13.0	48.5	320.9	321.4	0.1	11.9	40.7	26.
22.7	79.0	7655.7	375.0	-28.4	-48.7	195.6	52.7*	14.1	50.8	323.9	324.4	0.1	12.1	44.6	25.
24.0	83.0	8146.2	350.0	-32.5	-51.8	195.4	58.7*	15.6	56.6	324.8	325.2	0.1	12.5	48.8	24.
25.6	87.2	8663.7	325.0	-37.0	-55.2	195.5	51.7*	13.8	49.8	325.6	325.9	0.1	12.9	53.9	23.
27.6	91.8	9212.2	300.0	-41.2	99.9	195.4	52.2*	13.8	50.4	327.3	999.9	99.9	999.9	61.0	23.
29.9	96.4	9797.4	275.0	-45.5	99.9	228.6	78.4*	58.8	51.8	329.4	999.9	99.9	999.9	68.2	22.
32.8	101.4	10427.4	250.0	-49.6	99.9	192.1	65.0**	13.6	63.5	332.3	999.9	99.9	999.9	76.2	22.
36.2	107.0	11107.8	225.0	-55.0	99.9	204.1	29.5**	12.0	26.9	334.2	999.9	99.9	999.9	87.4	21.
39.2	112.5	11857.1	200.0	-56.1	99.9	204.7	53.4**	22.3	48.5	344.0	999.9	99.9	999.9	97.3	22.
42.8	118.8	12712.0	175.0	-52.6	99.9	216.2	42.3**	25.0	34.2	363.2	999.9	99.9	999.9	107.5	22.
47.0	125.4	13711.1	150.0	-51.8	99.9	213.2	9.9**	5.4	8.3	380.8	999.9	99.9	999.9	114.5	23.
50.2	132.3	14889.7	125.0	-54.7	99.9	201.2	27.5**	9.9	25.7	396.0	999.9	99.9	999.9	121.1	23.
55.4	139.5	16286.7	100.0	-63.7	99.9	321.6	2.1*	1.3	-1.7	404.8	999.9	99.9	999.9	120.6	23.
62.3	146.7	18044.7	75.0	-61.6	99.9	336.2	15.8*	6.4	-14.5	443.8	999.9	99.9	999.9	123.8	24.
71.2	154.0	20562.9	50.0	-59.1	99.9	186.4	19.2*	2.1	19.0	504.3	999.9	99.9	999.9	122.8	23.
85.1	161.3	24974.7	25.0	-54.4	99.9	90.9	3.8*	-3.8	0.1	628.9	999.9	99.9	999.9	120.5	21.

* 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. 433
SALEM, ILL

27 APRIL 1975
1115 GMT

155 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 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	175.0	1000.1	12.7	4.4	120.0	5.2	-4.5	2.6	286.5	300.4	5.3	57.0	0.0	0.
0.0	4.5	175.8	1000.0	12.7	4.4	120.3	5.3	-4.6	2.7	286.6	300.4	5.3	57.1	0.0	359.
0.7	6.2	388.4	975.0	11.7	4.7	133.6	15.4	-11.1	10.6	287.7	302.2	5.5	62.1	0.6	304.
1.4	8.2	607.1	950.0	15.8	5.5	156.3	14.9	-6.0	13.6	294.0	310.6	6.2	52.8	1.2	314.
2.2	10.1	834.9	925.0	19.0	8.0	173.2	13.1	-1.6	13.0	299.7	319.8	7.4	49.2	1.7	325.
2.9	12.0	1070.0	900.0	17.4	13.5	193.6	10.7	2.5	10.4	300.9	330.3	10.9	77.9	2.2	333.
3.7	14.1	1310.7	875.0	15.6	14.3	207.4	9.0	4.1	8.0	301.5	333.4	11.9	92.4	2.5	342.
4.5	16.0	1557.0	850.0	14.5	12.0	214.0	8.4	4.7	7.0	302.7	331.0	10.4	85.0	2.8	348.
5.4	18.2	1809.5	825.0	12.9	10.8	231.6	7.1	5.6	4.4	303.6	330.8	9.9	86.9	3.0	354.
6.2	20.3	2068.3	800.0	11.3	10.9	244.4	7.7	6.9	3.3	304.5	332.8	10.3	97.5	3.2	359.
7.1	22.5	2333.5	775.0	9.6	9.2	254.6	7.4	7.1	2.0	305.4	331.7	9.5	97.2	3.4	6.
7.9	24.7	2605.7	750.0	8.4	5.0	262.0	7.1	7.1	1.0	306.6	327.2	7.3	79.4	3.5	12.
8.8	26.9	2885.6	725.0	6.9	0.0	268.1	7.9	7.8	0.3	307.7	322.9	5.3	61.6	3.6	18.
9.6	29.2	3173.2	700.0	5.1	-9.4	267.3	8.8	8.8	0.4	308.4	316.6	2.7	34.8	3.7	24.
10.6	31.7	3470.0	675.0	5.4	-23.5	258.2	9.6	9.4	2.0	311.7	314.5	0.8	10.2	4.1	30.
11.6	34.2	3777.0	650.0	2.9	-14.5	258.9	8.7	8.6	1.7	312.4	318.4	1.9	26.5	4.5	36.
12.6	36.5	4093.1	625.0	0.3	-15.1	259.0	8.6	8.4	1.6	313.0	319.0	1.9	30.2	4.9	40.
13.6	39.1	4418.6	600.0	-2.5	-19.8	255.6	8.6	8.4	2.1	313.4	317.6	1.3	24.8	5.3	44.
14.7	41.7	4754.7	575.0	-5.1	-20.0	257.4	8.7	8.5	1.9	314.2	318.5	1.4	30.2	5.8	46.
15.7	44.4	5102.7	550.0	-7.3	-16.1	273.8	10.9	10.9	-0.7	315.7	321.9	2.0	48.9	6.3	49.
16.9	47.2	5464.0	525.0	-9.1	-18.0	290.5	15.5	14.5	-5.4	317.7	323.3	1.8	48.3	6.8	55.
18.0	50.2	5840.3	500.0	-11.2	-18.0	301.3	18.7	16.0	-9.7	319.6	325.5	1.8	56.9	7.5	63.
19.3	53.0	6231.8	475.0	-14.2	-21.8	305.9	21.3	17.3	-12.5	320.5	325.1	1.4	52.2	8.3	73.
20.5	55.9	6640.4	450.0	-17.1	-24.8	301.5	23.2	19.8	-12.1	321.9	325.6	1.1	50.6	9.5	81.
21.9	59.1	7066.6	425.0	-20.6	-25.1	302.1	20.2	17.1	-10.7	322.6	326.6	1.2	67.3	10.9	87.
23.2	62.6	7512.7	400.0	-23.9	-27.2	301.5	15.9	13.5	-8.3	324.0	327.4	1.0	74.5	12.1	91.
24.6	65.9	7980.3	375.0	-27.5	-30.8	289.4	16.1	15.2	-5.3	325.3	327.9	0.8	72.6	13.3	93.
26.2	69.5	8473.1	350.0	-31.4	-35.3	284.7	17.7	17.1	-4.5	326.3	328.2	0.5	68.6	14.8	95.
27.8	73.0	8993.1	325.0	-35.2	-40.0	290.1	21.3	20.0	-7.3	328.1	329.4	0.4	60.9	16.6	96.
29.5	77.0	9545.8	300.0	-39.3	99.9	289.5	25.6	24.2	-8.6	330.0	999.9	99.9	999.9	19.0	98.
31.4	81.2	10134.4	275.0	-44.9	99.9	294.2	26.4	24.1	-10.8	330.2	999.9	99.9	999.9	21.8	100.
33.3	85.4	10766.2	250.0	-49.6	99.9	296.7	27.6	24.7	-12.4	332.4	999.9	99.9	999.9	24.8	102.
35.5	90.2	11446.8	225.0	-55.9	99.9	296.8	30.9	27.5	-13.9	332.9	999.9	99.9	999.9	28.4	104.
37.6	95.2	12186.5	200.0	-61.4	99.9	296.7	35.1	31.4	-15.8	335.6	999.9	99.9	999.9	32.7	105.
40.0	100.5	13001.6	175.0	-67.6	99.9	300.4	41.1	35.5	-20.8	338.3	999.9	99.9	999.9	38.0	107.
42.8	106.5	13924.2	150.0	-67.5	99.9	304.1	29.6	24.5	-16.6	353.8	999.9	99.9	999.9	43.7	109.
46.3	113.3	15028.4	125.0	-67.0	99.9	301.0	25.9	22.2	-13.4	373.7	999.9	99.9	999.9	48.4	111.
50.8	121.0	16380.1	100.0	-63.6	99.9	314.4	18.9	13.5	-13.2	404.9	999.9	99.9	999.9	54.1	113.
56.3	130.0	18139.4	75.0	-65.6	99.9	335.3	9.6	4.0	-8.7	435.3	999.9	99.9	999.9	58.5	115.
64.6	141.0	20657.3	50.0	-61.8	99.9	5.7	2.8	-0.3	-2.8	497.8	999.9	99.9	999.9	58.5	118.
76.3	153.0	25085.4	25.0	-52.1	99.9	44.7	4.9	-3.5	-3.5	634.8	999.9	99.9	999.9	56.5	121.

* 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

27 APRIL 1975
1115 GMT

156 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
C.0	14.5	791.0	915.3	19.4	15.5	160.0	8.8	-3.0	8.3	301.7	334.4	12.2	78.0	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	15.8	936.3	900.0	17.9	16.4	171.1	14.2	-2.2	14.0	301.7	337.0	13.2	91.0	0.6	342.
1.2	18.2	1177.4	875.0	16.1	15.3	181.3	18.4	0.4	18.4	302.2	336.2	12.7	95.3	1.2	348.
2.0	20.7	1424.3	850.0	14.9	14.2	195.5	22.9	6.1	22.1	303.4	336.1	12.1	95.4	2.3	357.
2.8	23.2	1677.6	825.0	14.4	13.5	212.9	22.4	12.2	18.8	305.4	337.9	11.9	93.9	3.3	6.
3.7	25.8	1938.6	800.0	14.2	11.1	218.6	20.4	12.7	15.9	307.7	336.7	10.5	81.7	4.4	15.
4.5	28.4	2207.0	775.0	13.0	9.5	214.8	17.5	10.0	14.4	309.0	336.2	9.7	79.3	5.2	19.
5.5	31.2	2482.6	750.0	11.4	9.4	207.2	17.1	7.8	15.2	310.2	338.1	9.9	87.5	6.2	21.
6.4	34.1	2765.8	725.0	9.5	7.6	191.4	15.9	3.1	15.6	311.0	336.9	9.1	88.4	7.1	21.
7.2	36.7	3057.3	700.0	8.1	6.4	182.4	16.3	0.7	16.2	312.6	337.4	8.7	89.4	7.9	19.
8.2	39.7	3357.0	675.0	6.1	-0.1	182.7	15.7	0.7	15.7	313.2	329.9	5.7	64.9	8.7	17.
9.1	42.4	3665.5	650.0	4.6	-18.1	186.8	16.8	2.0	16.7	314.3	318.9	1.4	17.2	9.7	16.
10.2	45.4	3983.6	625.0	2.4	-20.4	186.0	17.1	1.8	17.0	315.3	319.2	1.2	16.6	10.7	15.
11.2	48.6	4311.8	600.0	-0.4	-21.0	188.0	19.2	2.7	19.0	315.8	319.7	1.2	19.2	11.7	14.
12.1	51.4	4650.5	575.0	-3.3	-20.2	192.6	21.2	4.6	20.7	316.3	320.6	1.3	25.8	12.8	14.
13.2	54.8	5000.1	550.0	-6.4	-21.9	200.8	23.1	8.2	21.6	316.6	320.6	1.2	28.1	14.4	14.
14.2	57.9	5361.6	525.0	-9.8	-29.6	203.2	24.4	9.6	22.5	316.7	318.8	0.6	18.1	15.6	15.
15.1	61.3	5735.5	500.0	-13.5	-26.7	199.8	27.7	9.4	26.0	316.7	319.5	0.9	32.0	17.3	16.
16.0	64.7	6122.9	475.0	-17.4	-26.3	196.3	28.1	7.9	27.0	316.6	319.6	0.9	45.3	18.7	16.
17.6	68.1	6526.1	450.0	-18.8	-23.9	190.7	34.1	6.3	33.5	319.7	323.8	1.2	63.7	21.4	16.
19.0	71.5	6950.7	425.0	-21.2	-26.7	188.0	36.7	5.1	36.3	321.8	325.2	1.0	61.4	24.4	15.
20.2	75.2	7395.4	400.0	-24.1	-28.5	193.0	38.7	8.7	37.7	323.8	326.8	0.9	66.4	27.3	14.
21.5	79.2	7862.8	375.0	-27.9	-31.8	195.5	35.0	9.4	33.8	324.7	327.2	0.7	68.6	30.3	14.
22.8	83.0	8354.5	350.0	-31.7	-35.5	198.4	33.3	10.5	31.6	326.0	327.9	0.5	68.4	32.8	14.
24.2	87.2	8874.4	325.0	-36.0	-40.0	205.2	35.8	15.3	32.4	327.0	328.3	0.4	66.2	35.6	15.
25.8	91.6	9425.6	300.0	-40.1	99.9	205.0	49.0	20.7	44.4	328.9	999.9	99.9	999.9	39.7	16.
27.5	96.0	10014.0	275.0	-44.3	99.9	210.9	40.0	20.5	34.3	331.1	999.9	99.9	999.9	44.1	17.
29.4	100.9	10644.8	250.0	-50.0	99.9	212.0	43.4	23.0	36.8	331.8	999.9	99.9	999.9	49.1	19.
31.6	106.3	11323.8	225.0	-56.1	99.9	211.2	29.6	15.3	25.4	332.6	999.9	99.9	999.9	53.8	20.
33.5	111.8	12063.8	200.0	-61.5	99.9	212.5	33.6	18.0	28.3	335.3	999.9	99.9	999.9	57.6	21.
36.1	117.8	12879.8	175.0	-66.0	99.9	218.1	32.1	19.8	25.2	341.1	999.9	99.9	999.9	63.0	22.
39.4	124.7	13831.7	150.0	-61.7	99.9	231.4	25.1	19.6	15.7	363.9	999.9	99.9	999.9	67.6	24.
43.1	131.7	14954.2	125.0	-62.7	99.9	202.6	21.5	8.3	19.9	381.4	999.9	99.9	999.9	72.5	24.
48.5	139.3	16335.2	100.0	-63.4	99.9	251.0	10.5	9.9	3.4	405.2	999.9	99.9	999.9	79.0	26.
55.1	147.3	18090.8	75.0	-63.4	99.9	187.3	2.9	0.4	2.8	440.1	999.9	99.9	999.9	81.2	26.
64.7	156.3	20602.2	50.0	-60.3	99.9	99.0	7.9	-7.8	1.2	501.5	999.9	99.9	999.9	80.8	24.
80.2	166.0	24991.3	25.0	-51.7	99.9	55.1	6.3	-5.2	-3.6	636.0	999.9	99.9	999.9	77.3	20.

* 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

27 APRIL 1975
1115 GMT

164 12. 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	6.1	268.0	978.8	22.2	19.6	140.0	4.2	-2.7	3.2	299.2	338.2	14.8	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	999.9	99.9	999.9	999.9	999.
0.1	6.4	302.1	975.0	22.0	19.6	157.2	5.8	-2.2	5.3	299.3	338.5	14.9	86.0	0.1	353.
1.0	8.5	528.1	950.0	20.5	19.0	177.8	12.3	-0.5	12.3	300.0	339.0	14.8	91.0	0.5	347.
1.8	10.6	759.0	925.0	19.1	18.0	184.2	19.1	1.4	19.1	300.8	338.6	14.3	93.3	1.3	355.
2.7	12.7	994.9	900.0	17.8	16.9	191.5	23.9	4.8	23.5	301.7	338.1	13.6	94.3	2.4	1.
3.5	15.0	1236.0	875.0	16.1	15.2	199.3	25.2	8.3	23.8	302.1	335.8	12.5	94.6	3.7	6.
4.5	17.1	1482.9	850.0	15.0	14.2	207.0	22.0	10.0	19.6	303.5	336.1	12.1	94.6	5.1	12.
5.5	19.5	1736.1	825.0	13.3	12.3	209.9	21.3	10.6	18.5	304.1	334.1	11.0	93.8	6.3	15.
6.6	21.7	1995.1	800.0	11.4	10.5	210.0	20.7	10.3	17.9	304.7	332.3	10.1	94.2	7.7	18.
7.7	24.2	2260.6	775.0	9.9	8.3	206.8	16.6	7.5	14.8	305.7	330.5	9.0	89.9	8.8	19.
8.6	26.5	2533.2	750.0	9.4	-1.3	197.1	17.7	5.2	16.9	307.4	320.8	4.6	47.3	9.8	20.
9.7	29.1	2814.6	725.0	9.8	-1.0	183.8	17.5	1.2	17.5	310.8	325.3	4.9	47.1	10.9	19.
10.8	31.7	3105.6	700.0	8.5	-2.2	186.1	19.3	2.1	19.2	312.5	326.3	4.7	46.9	12.1	17.
12.0	34.4	3405.3	675.0	6.6	-5.1	195.3	20.3	5.4	19.6	313.5	325.1	3.9	42.8	13.5	16.
13.3	37.0	3714.0	650.0	4.9	-8.3	206.8	17.8	8.0	15.9	314.9	324.5	3.2	37.9	15.0	17.
14.5	39.8	4032.8	625.0	2.5	-5.5	208.9	15.4	7.4	13.4	315.9	328.1	4.1	55.1	16.3	18.
15.7	42.5	4361.6	600.0	-0.2	-6.7	211.9	10.9	5.8	9.3	316.4	328.1	3.9	61.3	17.1	18.
16.9	45.5	4700.7	575.0	-3.3	-8.9	213.9	9.3	5.2	7.7	316.6	327.0	3.4	65.0	17.8	19.
18.3	48.6	5051.3	550.0	-5.4	-13.2	216.4	14.3	8.5	11.5	318.0	325.9	2.5	54.1	18.7	20.
19.7	51.5	5415.0	525.0	-8.2	-10.0	222.9	16.5	11.2	12.1	319.0	329.5	3.4	86.7	19.9	21.
21.2	54.7	5791.9	500.0	-11.3	-17.8	226.6	23.1	16.8	15.9	319.5	325.5	1.9	58.4	21.5	23.
22.6	57.9	6183.5	475.0	-14.3	-20.4	228.8	26.3	19.8	17.3	320.5	325.6	1.6	59.8	23.5	25.
24.1	61.3	6591.5	450.0	-17.5	-20.8	232.2	27.7	21.9	17.0	321.4	326.6	1.6	75.1	25.7	27.
25.7	64.9	7017.8	425.0	-19.5	-35.0	232.4	26.9	21.3	16.4	324.0	325.6	0.5	23.8	28.1	30.
27.4	68.4	7464.9	400.0	-23.4	-35.9	230.3	27.8	21.4	17.8	324.6	326.1	0.4	30.6	30.8	32.
29.2	72.0	7933.9	375.0	-26.5	-34.4	235.8	23.2	19.2	13.0	326.5	328.4	0.5	46.9	33.2	33.
31.2	76.2	8428.7	350.0	-30.6	-37.8	238.6	24.2	20.7	12.6	327.4	328.9	0.4	48.9	36.1	35.
33.3	80.3	8951.4	325.0	-34.6	-42.0	245.8	18.3	16.7	7.5	329.0	330.1	0.3	46.6	38.3	37.
35.4	84.7	9505.4	300.0	-38.9	-44.4	233.9	19.4	15.6	11.4	330.4	331.3	0.2	56.0	40.7	38.
37.6	89.2	10096.0	275.0	-43.9	99.9	231.4	23.3	18.2	14.5	331.6	999.9	99.9	999.9	43.6	39.
40.0	94.3	10729.5	250.0	-48.8	99.9	230.3	25.9	19.9	16.5	333.5	999.9	99.9	999.9	47.0	40.
42.5	99.5	11411.9	225.0	-55.0	99.9	229.0	29.3	22.1	19.2	334.2	999.9	99.9	999.9	51.2	41.
45.1	105.0	12153.3	200.0	-61.3	99.9	235.4	29.7	24.4	16.9	335.7	999.9	99.9	999.9	56.0	42.
48.2	111.3	12967.1	175.0	-68.6	99.9	239.7	33.6	29.0	17.0	336.7	999.9	99.9	999.9	61.6	43.
51.7	118.3	13864.6	150.0	-68.4	99.9	240.7	37.6	32.8	18.4	352.3	999.9	99.9	999.9	68.5	45.
56.1	126.0	15000.1	125.0	-62.9	99.9	255.6	19.2	18.6	4.8	381.0	999.9	99.9	999.9	74.1	47.
61.4	134.7	16361.9	100.0	-67.3	99.9	258.7	19.6	19.3	3.9	397.7	999.9	99.9	999.9	77.9	49.
68.4	143.7	18121.1	75.0	-65.5	99.9	215.2	4.3	2.5	3.5	435.5	999.9	99.9	999.9	80.1	51.
77.5	153.5	20622.4	50.0	-59.5	99.9	75.3	8.3	-8.0	-2.1	503.3	999.9	99.9	999.9	77.1	50.
91.1	163.7	25014.0	25.0	-54.0	99.9	69.5	6.3	-5.9	-2.2	629.9	999.9	99.9	999.9	72.5	49.

* 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, COL

27 APRIL 1975
1115 GMT

142 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.5	1474.0	843.7	2.2	-1.8	290.0	2.1	2.0	-0.7	289.6	300.4	4.0	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.
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	21.1	1654.5	825.0	0.5	-0.2	102.6	3.5	-3.4	0.8	289.8	302.1	4.6	95.0	0.1	97.
1.7	23.5	1901.8	800.0	-0.1	-0.6	217.3	0.9	0.6	0.7	291.6	304.0	4.6	96.5	0.1	70.
2.7	25.7	2155.7	775.0	-1.5	-2.1	176.9	1.8	-0.1	1.8	292.7	304.3	4.3	96.1	0.1	33.
3.8	28.1	2416.4	750.0	-3.1	-3.9	186.6	2.6	0.3	2.6	293.7	304.2	3.8	94.4	0.3	13.
5.1	30.6	2684.3	725.0	-4.9	-6.0	201.5	4.4	1.6	4.1	294.5	304.0	3.4	91.6	0.5	17.
6.4	33.2	2959.7	700.0	-6.7	-7.8	183.6	4.6	0.3	4.6	295.4	304.0	3.0	91.6	0.9	16.
7.6	35.7	3243.3	675.0	-8.4	-9.1	179.9	4.6	-0.0	4.6	296.6	304.7	2.8	94.6	1.2	11.
8.7	38.3	3535.2	650.0	-10.6	-11.0	194.2	4.2	1.0	4.1	297.3	304.7	2.5	96.7	1.5	10.
10.0	40.8	3836.2	625.0	-12.6	-14.7	204.9	8.4	3.5	7.6	298.3	304.0	2.0	83.7	1.9	13.
11.3	43.6	4146.6	600.0	-15.0	-21.6	201.4	13.6	5.0	12.7	298.9	302.3	1.1	56.6	2.8	16.
12.8	46.4	4467.1	575.0	-17.6	-25.6	201.1	17.8	6.4	16.6	299.4	302.0	0.8	49.3	4.2	18.
14.1	49.4	4798.2	550.0	-20.3	-26.2	196.3	20.2	5.7	19.4	300.0	302.6	0.8	59.2	5.7	19.
15.2	52.3	5141.1	525.0	-23.0	-25.1	188.0	23.0	3.2	22.7	300.8	303.7	0.9	83.1	7.1	17.
16.4	55.3	5497.3	500.0	-25.4	-26.1	178.9	25.1	-0.5	25.1	302.2	305.0	0.9	93.4	8.8	15.
18.0	58.4	5868.8	475.0	-25.9	-27.0	169.3	29.4	-5.4	28.9	306.0	308.8	0.9	89.9	11.3	10.
19.6	61.6	6258.3	450.0	-29.1	-32.8	170.9	31.3	-4.9	30.9	306.7	308.4	0.5	69.8	14.1	5.
21.0	65.0	6663.9	425.0	-32.4	-37.6	177.4	31.9	-1.4	31.9	307.5	308.6	0.3	59.6	16.8	3.
22.6	68.4	7087.8	400.0	-36.3	-40.9	179.0	36.1	-0.7	36.1	307.7	308.6	0.3	62.6	19.8	3.
24.1	71.9	7532.3	375.0	-39.7	99.9	180.4	37.7	0.3	37.7	309.1	999.9	99.9	999.9	23.2	2.
25.8	75.8	8001.4	350.0	-40.8	99.9	184.1	44.3	3.2	44.2	313.7	999.9	99.9	999.9	27.4	2.
27.6	79.8	8503.7	325.0	-42.8	99.9	185.5	47.9	4.6	47.7	317.6	999.9	99.9	999.9	32.4	3.
30.0	83.8	9042.7	300.0	-42.9	99.9	182.4	52.2*	2.2	52.2	325.0	999.9	99.9	999.9	39.7	3.
32.4	88.0	9630.6	275.0	-43.3	99.9	184.2	50.2*	3.6	50.0	332.5	999.9	99.9	999.9	47.9	3.
35.0	92.8	10270.5	250.0	-44.3	99.9	188.5	44.9*	6.7	44.4	340.2	999.9	99.9	999.9	55.7	3.
37.3	97.6	10974.6	225.0	-45.9	99.9	197.0	36.5*	10.7	34.9	348.2	999.9	99.9	999.9	61.5	4.
40.3	103.0	11755.0	200.0	-48.5	99.9	193.7	31.0*	7.3	30.1	355.9	999.9	99.9	999.9	67.8	5.
44.0	108.8	12627.0	175.0	-51.5	99.9	196.5	24.9*	7.1	23.9	364.9	999.9	99.9	999.9	72.6	6.
47.6	115.2	13632.6	150.0	-52.9	99.9	171.5	25.6*	-3.8	25.3	378.9	999.9	99.9	999.9	78.3	6.
51.5	122.0	14801.7	125.0	-53.3	99.9	185.6	26.1*	2.5	26.0	398.5	999.9	99.9	999.9	83.3	6.
57.4	130.0	16234.4	100.0	-57.1	99.9	197.8	21.9*	6.7	20.8	417.5	999.9	99.9	999.9	91.9	6.
63.9	138.3	18043.3	75.0	-61.0	99.9	112.2	4.9*	-4.5	1.8	445.0	999.9	99.9	999.9	98.3	6.
74.3	147.5	20578.6	50.0	-59.4	99.9	46.8	9.5	-6.9	-6.5	503.5	999.9	99.9	999.9	96.2	5.
89.2	157.3	24987.3	25.0	-53.3	99.9	133.2	9.9	-7.2	6.8	631.8	999.9	99.9	999.9	99.0	1.

* 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

27 APRIL 1975
1124 GMT

161 28. 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	5.7	180.0	999.6	13.9	13.1	360.0	0.0	0.0	0.0	288.3	312.8	9.6	95.0	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	394.6	975.0	21.5	9.6	131.8	7.6	-5.7	5.1	297.8	318.8	7.8	47.1	0.3	299.
1.7	10.0	620.1	950.0	21.8	12.4	147.6	6.5	-3.5	5.5	300.6	326.6	9.6	55.2	0.6	312.
2.5	12.0	850.8	925.0	19.4	10.4	154.1	4.4	-1.9	3.9	300.3	323.6	8.6	56.1	0.9	318.
3.4	14.3	1086.0	900.0	17.1	12.3	177.7	2.5	-0.1	2.5	300.5	327.7	10.1	73.5	1.0	322.
4.3	16.4	1326.6	875.0	16.0	11.7	192.5	3.4	0.7	3.3	301.7	328.8	10.0	75.7	1.2	327.
5.2	18.8	1572.8	850.0	14.5	9.0	194.5	2.2	0.5	2.1	302.5	325.9	8.5	69.6	1.2	333.
6.2	21.0	1825.0	825.0	13.2	7.3	44.2	0.2	-0.1	-0.2	303.6	325.2	7.8	67.4	1.3	334.
7.1	23.4	2083.8	800.0	12.0	4.1	60.1	1.2	-1.1	-0.6	304.8	323.0	6.5	58.4	1.3	333.
8.1	25.8	2349.1	775.0	10.0	2.3	145.0	0.9	-0.5	0.7	305.4	322.0	5.9	58.8	1.3	330.
9.1	28.2	2621.1	750.0	8.2	1.6	205.0	1.3	0.5	1.2	306.2	322.6	5.8	63.4	1.4	332.
10.2	30.8	2900.3	725.0	6.1	0.9	291.9	2.0	1.8	-0.7	306.9	323.1	5.7	69.3	1.4	335.
11.3	33.5	3187.1	700.0	4.2	-4.3	309.2	3.7	2.8	-2.3	307.6	319.3	4.0	53.9	1.2	340.
12.3	35.9	3482.8	675.0	4.2	-18.3	333.5	5.4	2.4	-4.9	310.6	314.9	1.4	17.9	1.0	347.
13.6	38.8	3789.2	650.0	2.8	-20.7	1.5	9.0	-0.2	-9.0	312.2	315.9	1.1	15.8	0.4	342.
14.7	41.3	4105.1	625.0	-0.0	-15.0	5.0	11.4	-1.0	-11.4	312.7	318.6	1.9	31.3	0.4	215.
15.8	44.1	4430.2	600.0	-2.9	-16.0	350.6	12.2	2.0	-12.0	313.0	318.7	1.8	35.5	1.1	192.
17.0	47.1	4765.8	575.0	-5.0	-23.1	338.1	11.8	4.4	-10.9	314.2	317.6	1.0	22.6	2.0	179.
18.5	50.2	5113.8	550.0	-7.0	-29.4	325.1	10.4	5.9	-8.5	315.8	317.8	0.6	14.7	2.8	170.
19.6	53.1	5474.8	525.0	-9.9	-27.6	322.9	11.3	6.8	-9.0	316.6	319.1	0.8	22.0	3.5	164.
20.9	56.1	5849.6	500.0	-11.9	-29.6	317.9	12.8	8.6	-9.5	318.6	320.8	0.6	21.2	4.3	160.
22.3	59.5	6240.3	475.0	-14.7	-30.7	315.7	11.6	8.1	-8.3	319.8	321.9	0.6	23.9	5.3	155.
23.8	63.0	6647.5	450.0	-17.2	-28.0	324.8	11.3	6.5	-9.2	321.6	324.5	0.8	38.3	6.3	152.
25.3	66.4	7073.2	425.0	-20.7	-28.4	323.7	13.3	7.9	-10.7	322.5	325.4	0.9	49.9	7.4	151.
26.8	70.1	7518.7	400.0	-23.8	-29.7	328.0	16.4	8.7	-13.9	324.1	326.8	0.8	57.9	8.7	150.
28.4	73.8	7987.0	375.0	-27.5	-34.6	324.3	15.4	9.0	-12.5	325.2	327.1	0.5	50.2	10.4	150.
30.1	78.0	8479.1	350.0	-32.0	-36.1	316.9	17.9	12.2	-13.1	325.6	327.4	0.5	66.5	11.9	149.
31.9	82.0	8998.5	325.0	-35.5	-40.0	304.6	19.6	16.1	-11.1	327.7	328.9	0.4	62.8	14.0	146.
33.9	86.3	9551.1	300.0	-39.9	99.9	302.8	18.5	15.6	-10.0	329.0	999.9	99.9	999.9	16.0	143.
35.9	91.2	10139.3	275.0	-44.7	99.9	308.6	20.7	16.2	-12.9	330.5	999.9	99.9	999.9	18.3	141.
37.9	96.0	10769.1	250.0	-50.0	99.9	313.7	21.3	15.4	-14.7	331.8	999.9	99.9	999.9	21.0	140.
40.3	101.3	11449.5	225.0	-55.4	99.9	318.6	26.0	17.2	-19.5	333.7	999.9	99.9	999.9	24.1	139.
43.0	107.5	12190.5	200.0	-61.8	99.9	320.6	31.7	20.1	-24.5	334.9	999.9	99.9	999.9	28.8	139.
45.6	113.8	13005.9	175.0	-67.6	99.9	310.9	38.7	29.3	-25.3	338.4	999.9	99.9	999.9	34.5	139.
48.5	120.7	13921.9	150.0	-72.2	99.9	316.2	28.1	19.4	-20.3	345.8	999.9	99.9	999.9	40.8	138.
52.1	128.7	15012.5	125.0	-68.3	99.9	310.2	27.2	20.8	-17.6	371.3	999.9	99.9	999.9	46.0	138.
56.4	137.0	16349.2	100.0	-68.0	99.9	316.0	24.4	16.9	-17.5	396.4	999.9	99.9	999.9	52.6	137.
61.9	146.0	18066.8	75.0	-67.8	99.9	334.1	16.8	7.3	-15.1	430.8	999.9	99.9	999.9	60.0	137.
69.2	156.0	20553.6	50.0	-61.1	99.9	43.5	6.8	-4.7	-4.9	499.5	999.9	99.9	999.9	61.5	139.
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. 22002
FT. SILL, OKLA

27 APRIL 1975
1300 GMT

98 188. 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	8.7	362.0	965.6	22.3	19.7	150.0	10.3	-5.2	8.9	300.5	340.5	15.1	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	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	10.1	504.4	950.0	21.9	20.1	161.1	16.5	-5.3	15.6	301.5	343.6	15.9	99.0	0.4	341.
1.4	12.1	736.0	925.0	19.6	18.8	166.1	18.4	-4.4	17.9	301.4	341.2	15.0	95.0	1.3	343.
2.3	14.4	972.2	900.0	17.9	17.3	176.2	23.4	-1.6	23.3	301.9	339.2	14.0	96.1	2.4	346.
3.2	16.5	1213.9	875.0	16.9	16.2	190.6	23.5	4.3	23.1	303.1	339.3	13.4	95.9	3.6	352.
4.2	18.7	1461.7	850.0	15.9	15.2	202.0	23.4	8.8	21.7	304.5	339.6	13.0	95.7	4.9	359.
5.2	21.1	1715.5	825.0	14.5	13.8	207.3	24.2	11.1	21.5	305.5	338.7	12.1	95.5	6.2	5.
6.2	23.4	1976.3	800.0	13.4	12.7	212.3	23.5	12.6	19.9	307.0	339.1	11.7	95.6	7.6	9.
7.2	25.7	2244.0	775.0	12.1	11.4	214.7	22.5	12.8	18.5	308.3	339.0	11.1	95.7	8.9	13.
8.3	28.1	2518.8	750.0	11.1	1.4	218.7	22.0	13.8	17.2	309.4	326.2	5.8	53.4	10.2	17.
9.4	30.7	2803.5	725.0	12.6	-3.7	215.4	21.3	12.4	17.4	313.8	325.9	4.0	31.9	11.5	19.
10.5	33.2	3097.4	700.0	11.4	-1.2	210.4	20.9	10.6	18.0	315.8	330.8	5.0	41.5	12.9	21.
11.7	35.7	3400.7	675.0	10.1	-10.6	204.9	20.1	8.5	18.3	317.3	325.5	2.6	22.6	14.3	21.
12.9	38.3	3712.8	650.0	7.5	-19.5	199.1	20.1	6.6	19.0	317.6	321.7	1.3	12.6	15.8	21.
14.1	40.9	4033.8	625.0	5.0	-21.3	195.3	21.4	5.7	20.7	318.2	321.9	1.1	12.8	17.3	21.
15.3	43.8	4364.9	600.0	2.1	-23.3	200.4	21.1	7.4	19.8	318.6	321.8	1.0	13.1	18.8	21.
16.6	46.6	4706.9	575.0	-0.3	-26.9	208.3	21.2	10.1	18.7	319.7	322.2	0.7	11.3	20.4	21.
17.9	49.6	5060.2	550.0	-3.7	-28.6	212.2	21.1	11.2	17.8	319.7	321.9	0.6	12.3	22.1	22.
19.3	52.4	5425.5	525.0	-6.5	-29.5	214.6	20.5	11.7	16.9	320.7	322.9	0.6	14.0	23.8	23.
20.7	55.4	5804.8	500.0	-9.6	-32.3	208.3	21.9	10.4	19.3	321.3	323.1	0.5	13.6	25.6	23.
22.1	58.5	6198.1	475.0	-13.2	-35.0	206.6	21.2	9.5	18.9	321.7	323.1	0.4	14.0	27.4	23.
23.6	61.9	6607.1	450.0	-16.1	-42.6	202.9	22.8	8.9	21.0	322.9	323.6	0.2	8.3	29.3	24.
25.0	65.2	7035.2	425.0	-19.4	-45.6	205.5	24.3	10.5	21.9	324.1	324.7	0.1	7.6	31.3	24.
26.4	68.6	7482.9	400.0	-22.8	-47.8	208.7	24.2	11.6	21.2	325.4	325.8	0.1	8.0	33.3	24.
27.9	72.0	7952.4	375.0	-26.7	-50.5	214.7	25.8	14.7	21.2	326.2	326.6	0.1	8.4	35.5	24.
29.4	75.9	8446.7	350.0	-30.7	-47.2	219.5	24.5	15.6	18.9	327.3	327.9	0.1	17.8	37.8	25.
31.0	79.8	8968.1	325.0	-34.8	-41.5	216.1	25.0	14.7	20.2	328.6	329.8	0.3	50.5	40.2	26.
32.9	83.8	9522.1	300.0	-38.8	-42.8	217.0	22.6	13.6	18.0	330.7	331.7	0.3	64.9	42.7	26.
34.8	88.0	10113.9	275.0	-43.0	99.9	225.6	24.4	17.4	17.1	333.0	999.9	99.9	999.9	45.4	27.
37.1	92.8	10747.4	250.0	-49.7	99.9	224.1	26.1	18.2	18.7	332.2	999.9	99.9	999.9	48.4	29.
39.2	97.2	11429.8	225.0	-53.8	99.9	229.0	25.6	19.3	16.8	336.1	999.9	99.9	999.9	51.5	30.
41.5	102.3	12178.0	200.0	-59.5	99.9	999.9	99.9	99.9	99.9	338.6	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

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Sounding Data

27 April 1975

1500 GMT

44-62

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STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
1500 GMT

163 21. 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	3.6	44.0	1014.0	27.7	18.1	110.0	3.1	-2.9	1.1	301.4	336.3	13.1	56.0	0.0	0.
0.4	4.8	166.9	1000.0	25.3	17.1	104.8	3.0	-2.9	0.8	300.1	333.2	12.4	60.7	0.1	276.
1.2	6.7	389.1	975.0	22.8	16.7	126.9	2.5	-2.0	1.5	299.8	332.7	12.4	68.2	0.2	283.
1.9	8.9	615.3	950.0	21.4	14.1	144.8	3.9	-2.3	3.2	300.3	329.1	10.7	63.1	0.3	296.
2.8	10.9	846.6	925.0	20.7	12.3	148.3	5.4	-2.8	4.6	301.8	328.4	9.8	58.8	0.6	311.
3.6	13.2	1083.2	900.0	19.0	11.9	148.7	6.8	-3.6	5.8	302.4	329.1	9.8	63.5	0.8	316.
4.3	15.4	1325.0	875.0	17.0	12.5	151.4	6.2	-2.9	5.4	302.8	331.3	10.5	74.8	1.1	320.
5.2	17.6	1571.9	850.0	14.6	12.7	149.5	5.3	-2.7	4.6	302.9	332.6	11.0	88.7	1.4	322.
6.0	20.1	1824.4	825.0	13.4	10.5	131.5	3.3	-2.5	2.2	304.1	330.7	9.7	82.4	1.6	323.
7.0	22.3	2083.3	800.0	11.4	8.3	140.1	1.4	-0.9	1.1	304.5	328.4	8.7	81.4	1.8	321.
7.9	24.8	2348.4	775.0	10.2	6.7	260.1	1.5	1.5	0.3	305.8	328.1	8.0	79.0	1.8	323.
8.8	27.1	2620.9	750.0	8.2	4.8	271.4	2.2	2.2	-0.1	306.4	326.8	7.2	79.0	1.7	326.
9.8	29.8	2900.4	725.0	6.3	3.2	295.2	2.3	2.1	-1.0	307.2	326.1	6.7	80.6	1.7	329.
10.8	32.4	3187.7	700.0	4.5	0.9	313.6	3.7	2.7	-2.5	308.2	325.0	5.9	77.6	1.5	331.
11.8	35.2	3483.3	675.0	2.5	-1.5	317.1	4.4	3.0	-3.2	309.1	323.9	5.1	75.2	1.2	335.
12.8	37.7	3787.9	650.0	0.8	-6.8	320.4	4.3	2.8	-3.3	310.3	320.8	3.5	56.6	1.0	340.
14.0	40.5	4103.5	625.0	0.6	-17.1	324.5	4.0	2.3	-3.3	313.4	318.4	1.6	25.0	0.7	345.
15.1	43.3	4429.8	600.0	-1.3	-19.8	300.6	4.8	4.2	-2.5	314.8	319.0	1.3	22.8	0.5	358.
16.2	46.3	4767.5	575.0	-3.5	-21.9	298.0	6.1	5.3	-2.8	316.1	319.8	1.1	22.3	0.5	45.
17.4	49.4	5117.8	550.0	-5.2	-30.7	320.3	6.8	4.3	-5.2	318.0	319.8	0.5	11.3	0.7	86.
18.7	52.3	5481.3	525.0	-7.8	-32.5	321.1	7.3	4.6	-5.6	319.1	320.7	0.5	11.6	1.1	112.
20.0	55.4	5858.6	500.0	-10.8	-34.6	322.7	7.6	4.6	-6.0	319.9	321.3	0.4	11.9	1.6	121.
21.4	58.7	6250.5	475.0	-13.9	-36.8	326.9	8.8	4.8	-7.4	320.8	322.0	0.3	12.2	2.3	128.
22.8	62.3	6658.8	450.0	-16.8	-36.8	339.8	9.4	3.2	-8.8	322.1	323.3	0.4	15.7	3.0	134.
24.4	65.8	7085.7	425.0	-19.5	-46.6	352.9	11.9	1.5	-11.8	324.0	324.5	0.1	7.2	3.8	142.
26.1	69.4	7533.3	400.0	-22.9	-50.1	352.2	12.6	1.7	-12.5	325.2	325.5	0.1	6.2	4.9	150.
27.7	73.2	8004.0	375.0	-25.8	-51.8	353.5	18.0	2.0	-17.9	327.4	327.7	0.1	6.6	6.3	154.
29.5	77.3	8500.6	350.0	-29.5	-46.9	352.6	22.6	2.9	-22.4	328.9	329.5	0.2	16.6	8.5	160.
31.3	81.4	9025.2	325.0	-33.8	-50.0	346.1	21.3	5.1	-20.7	330.0	330.4	0.1	17.6	10.9	162.
33.4	85.8	9580.6	300.0	-38.7	-53.9	337.0	21.3	8.3	-19.6	330.7	331.0	0.1	18.1	13.4	162.
35.5	90.6	10172.5	275.0	-43.1	99.9	338.9	23.4	8.4	-21.8	332.9	999.9	99.9	999.9	16.3	161.
37.8	95.7	10808.6	250.0	-48.1	99.9	343.2	26.6	7.7	-25.4	334.6	999.9	99.9	999.9	19.8	161.
40.4	101.0	11494.0	225.0	-54.0	99.9	345.1	28.1	7.2	-27.2	335.8	999.9	99.9	999.9	23.9	162.
42.8	106.8	12240.6	200.0	-59.4	99.9	342.6	38.2	11.4	-36.5	338.7	999.9	99.9	999.9	28.3	162.
45.6	113.0	13063.7	175.0	-65.9	99.9	342.7	37.4	11.1	-35.7	341.2	999.9	99.9	999.9	34.5	162.
48.5	120.0	13983.5	150.0	-72.5	99.9	331.4	29.2	14.0	-25.7	345.2	999.9	99.9	999.9	40.3	162.
52.3	127.7	15073.4	125.0	-65.3	99.9	312.8	29.2	21.5	-19.8	376.8	999.9	99.9	999.9	46.9	159.
56.8	136.3	16429.6	100.0	-67.4	99.9	321.7	24.8	15.3	-19.4	397.6	999.9	99.9	999.9	54.1	156.
62.1	144.7	18153.4	75.0	-67.2	99.9	329.4	14.9	7.6	-12.8	432.1	999.9	99.9	999.9	60.3	155.
69.2	154.0	20652.0	50.0	-59.5	99.9	71.6	1.6	-1.5	-0.5	503.3	999.9	99.9	999.9	63.7	154.
80.7	163.7	25108.0	25.0	-50.3	99.9	328.0	3.3	1.8	-2.8	640.5	999.9	99.9	999.9	62.8	155.

* 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. 232
BOOTHVILLE, LA

27 APRIL 1975
1415 GMT

153 18. 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	5.0	1.0	1018.5	23.9	20.8	110.0	3.6	-3.4	1.2	297.6	337.8	15.4	83.0	0.0	0.
0.6	6.3	161.2	1000.0	21.3	18.0	116.7	5.7	-5.1	2.6	296.2	330.5	13.1	81.6	0.2	291.
1.4	8.2	380.8	975.0	20.0	17.9	126.9	5.6	-4.4	3.3	297.1	332.2	13.4	87.8	0.5	296.
2.3	10.1	605.2	950.0	19.7	14.7	141.9	7.0	-4.3	5.5	298.7	328.4	11.2	72.8	0.8	304.
3.0	12.0	835.2	925.0	19.3	10.8	150.1	7.6	-3.8	6.6	300.2	324.2	8.8	57.9	1.1	310.
3.8	14.0	1070.5	900.0	17.8	9.0	149.9	10.0	-5.0	8.7	300.9	323.0	8.1	56.5	1.5	316.
4.6	15.9	1311.1	875.0	16.4	6.5	150.4	9.2	-4.5	8.0	301.8	321.1	7.0	51.8	2.0	320.
5.6	18.0	1557.5	850.0	16.3	-6.6	137.9	8.5	-5.7	6.3	303.6	311.7	2.7	20.1	2.5	321.
6.4	20.1	1810.6	825.0	15.1	-6.9	137.2	9.2	-6.3	6.8	304.9	313.1	2.8	21.4	2.9	320.
7.4	22.2	2070.5	800.0	13.7	0.9	146.3	7.5	-4.1	6.2	306.4	321.1	5.1	41.5	3.4	320.
8.2	24.5	2337.1	775.0	11.7	-1.6	151.2	6.2	-3.0	5.5	306.9	319.7	4.4	39.6	3.7	321.
9.1	26.5	2610.4	750.0	10.1	-6.8	147.3	3.8	-2.1	3.2	307.9	317.1	3.1	29.7	4.0	322.
10.2	28.9	2891.5	725.0	9.7	-19.2	129.2	2.0	-1.5	1.2	310.2	313.9	1.2	11.2	4.2	322.
11.1	31.2	3181.9	700.0	8.6	-20.3	24.5	0.7	-0.3	-0.6	312.2	315.7	1.1	10.8	4.3	322.
12.1	33.7	3482.1	675.0	8.4	-19.6	36.2	3.4	-2.0	-2.8	315.2	319.1	1.2	11.8	4.1	321.
13.2	36.0	3792.4	650.0	6.3	-19.3	64.9	7.1	-6.4	-3.0	316.2	320.3	1.3	13.8	4.2	316.
14.3	38.6	4112.3	625.0	3.8	-16.0	46.0	9.7	-7.0	-6.8	317.0	322.7	1.8	22.1	4.4	309.
15.4	41.0	4441.8	600.0	0.4	-12.7	19.7	13.4	-4.5	-12.6	316.9	324.4	2.4	36.5	4.4	296.
16.6	43.7	4782.0	575.0	-1.9	-16.6	25.3	8.6	-3.7	-7.8	318.0	323.8	1.8	31.3	4.2	288.
17.8	46.4	5134.2	550.0	-4.1	-16.6	27.1	9.0	-4.1	-8.0	319.4	325.5	1.9	37.2	4.5	280.
19.0	49.3	5499.7	525.0	-6.3	-18.9	1.9	14.6	-0.5	-14.6	321.0	326.3	1.6	35.8	4.6	271.
20.3	52.0	5879.0	500.0	-9.1	-22.2	12.2	12.6	-2.7	-12.3	322.1	326.3	1.3	33.6	4.8	256.
21.6	55.1	6274.2	475.0	-11.8	-25.7	356.8	12.0	0.7	-12.0	323.5	326.8	1.0	30.4	5.2	246.
23.0	58.0	6686.0	450.0	-14.6	-27.2	352.5	12.0	1.6	-11.9	324.9	328.0	0.9	33.3	5.6	237.
24.4	61.3	7116.6	425.0	-17.7	-34.6	336.8	13.1	5.2	-12.1	326.3	328.2	0.5	23.6	6.0	227.
25.9	64.7	7568.2	400.0	-20.1	-41.3	334.9	13.5	5.7	-12.2	328.8	329.7	0.3	13.4	6.6	217.
27.5	68.0	8042.8	375.0	-23.7	-43.9	333.5	13.0	5.8	-11.7	330.2	330.9	0.2	13.5	7.0	208.
29.2	71.6	8542.0	350.0	-28.6	-35.5	318.9	15.9	10.5	-12.0	330.2	332.1	0.5	51.3	7.8	198.
30.9	75.3	9070.4	325.0	-31.4	-36.3	320.8	13.8	8.7	-10.7	333.3	335.2	0.5	61.9	8.8	189.
32.8	79.5	9632.1	300.0	-35.9	-40.4	313.8	11.9	8.6	-8.3	334.7	336.1	0.4	62.7	9.7	183.
34.6	83.5	10230.5	275.0	-40.9	99.9	303.3	10.0	8.4	-5.5	336.0	999.9	99.9	999.9	10.6	177.
36.8	88.0	10870.3	250.0	-46.9	99.9	295.8	11.4	10.2	-4.9	336.3	999.9	99.9	999.9	11.2	171.
38.9	92.8	11559.7	225.0	-52.7	99.9	294.9	16.8	15.3	-7.1	337.8	999.9	99.9	999.9	12.3	165.
41.4	98.0	12309.3	200.0	-59.1	99.9	289.5	20.2	19.0	-6.8	339.2	999.9	99.9	999.9	14.2	156.
44.2	103.5	13133.8	175.0	-66.0	99.9	295.1	24.8	22.4	-10.5	341.0	999.9	99.9	999.9	17.1	147.
47.4	110.0	14053.9	150.0	-71.2	99.9	290.9	28.5	26.6	-10.2	347.5	999.9	99.9	999.9	21.5	139.
50.8	116.7	15152.3	125.0	-66.4	99.9	305.2	15.8	12.9	-9.1	374.8	999.9	99.9	999.9	26.1	135.
55.0	124.8	16487.8	100.0	-69.2	99.9	300.4	15.8	13.7	-8.0	394.1	999.9	99.9	999.9	29.8	133.
60.5	134.0	18185.7	75.0	-73.0	99.9	322.3	2.5	1.5	-2.0	419.8	999.9	99.9	999.9	33.0	133.
67.9	143.5	20619.9	50.0	-62.9	99.9	109.7	5.2	-4.9	1.7	495.3	999.9	99.9	999.9	32.6	136.
79.8	154.0	25037.9	25.0	-50.9	99.9	152.0	3.4	-1.6	3.0	638.3	999.9	99.9	999.9	31.0	137.

* 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

27 APRIL 1975
1415 GMT

150 47. 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	4.2	100.0	1007.4	20.5	20.5	150.0	3.1	-1.5	2.7	295.1	334.5	15.3	100.0	0.0	0.
0.2	4.8	163.9	1000.0	19.5	19.5	129.3	3.7	-2.9	2.3	294.6	331.9	14.5	99.9	0.1	340.
0.9	6.5	382.5	975.0	18.5	18.4	136.2	5.2	-3.6	3.8	295.6	331.4	13.8	99.4	0.2	321.
1.7	8.6	606.4	950.0	20.5	14.8	150.7	8.6	-4.2	7.5	299.5	329.4	11.2	69.7	0.5	323.
2.4	10.5	837.6	925.0	20.2	13.9	154.9	9.4	-4.0	8.5	301.4	330.8	10.9	67.2	0.9	327.
3.1	12.5	1073.7	900.0	18.4	12.0	153.9	8.9	-3.9	8.0	301.8	328.5	9.9	66.3	1.3	330.
3.9	14.6	1314.8	875.0	16.5	10.1	156.6	7.8	-3.1	7.1	302.1	326.4	8.9	65.7	1.7	331.
4.6	16.6	1561.3	850.0	14.8	8.2	156.8	7.5	-3.0	6.9	302.8	325.0	8.1	64.5	2.1	332.
5.4	18.8	1813.3	825.0	12.9	6.5	165.7	7.4	-1.8	7.1	303.2	323.7	7.4	64.8	2.4	333.
6.3	20.9	2071.5	800.0	11.5	4.7	179.0	6.1	-0.1	6.1	304.3	323.1	6.7	62.8	2.7	335.
7.2	23.2	2336.6	775.0	10.5	-0.1	184.1	5.0	0.4	5.0	305.7	320.4	5.1	50.3	3.0	338.
8.1	25.5	2609.9	750.0	10.4	-9.5	184.3	3.6	0.3	3.6	308.2	315.7	2.5	23.6	3.2	340.
9.1	27.8	2891.6	725.0	10.4	-16.0	155.3	1.9	-0.8	1.7	311.0	315.8	1.5	14.1	3.4	341.
10.1	30.3	3182.9	700.0	9.9	-19.6	104.8	3.1	-3.0	0.8	313.6	317.3	1.2	10.6	3.5	340.
11.1	32.9	3484.0	675.0	8.3	-13.2	102.8	3.2	-3.1	0.7	315.1	321.5	2.0	20.2	3.6	337.
12.1	35.5	3794.2	650.0	5.9	-15.5	82.2	2.0	-2.0	-0.3	315.8	321.4	1.8	19.7	3.7	335.
13.3	38.0	4113.7	625.0	3.6	-18.0	52.7	2.3	-1.9	-1.4	316.8	321.5	1.5	18.7	3.7	333.
14.4	40.7	4443.7	600.0	0.9	-12.6	48.0	3.9	-2.9	-2.6	317.4	325.0	2.4	35.9	3.6	330.
15.5	43.4	4783.6	575.0	-2.6	-10.4	47.9	3.5	-2.6	-2.3	317.3	326.6	3.0	55.3	3.6	325.
16.8	46.4	5134.5	550.0	-5.3	-14.2	6.5	3.5	-0.4	-3.5	318.1	325.4	2.3	49.4	3.5	322.
18.0	49.5	5498.2	525.0	-7.8	-19.2	6.9	6.0	-0.7	-5.9	319.2	324.5	1.6	40.4	3.2	318.
19.4	52.4	5875.5	500.0	-10.9	-18.2	2.1	6.3	-0.2	-6.3	320.0	325.8	1.8	54.5	2.9	309.
20.8	55.6	6267.9	475.0	-13.7	-20.5	333.5	6.5	2.9	-5.8	321.1	326.2	1.6	56.3	2.6	302.
22.2	58.9	6676.4	450.0	-16.5	-23.4	318.6	7.9	5.2	-5.9	322.7	326.9	1.3	55.1	2.0	295.
23.6	62.3	7104.5	425.0	-18.7	-29.8	314.2	10.0	7.2	-7.0	325.0	327.6	0.8	37.3	1.3	285.
25.2	65.8	7554.3	400.0	-21.2	-29.8	305.3	11.3	9.2	-6.5	327.4	330.2	0.8	45.9	0.5	241.
26.9	69.5	8026.7	375.0	-25.2	-37.4	294.6	15.3	13.9	-6.4	328.2	329.6	0.4	30.8	1.4	144.
28.7	73.3	8524.3	350.0	-29.0	-39.1	294.8	12.8	11.6	-5.4	329.6	330.9	0.4	36.8	2.6	129.
30.5	77.5	9050.0	325.0	-32.9	-42.7	299.4	13.0	11.4	-6.4	331.3	332.3	0.3	36.3	4.0	125.
32.3	81.7	9608.0	300.0	-37.6	-43.1	305.9	10.1	8.2	-5.9	332.2	333.3	0.3	56.3	5.3	124.
34.3	86.2	10201.6	275.0	-42.8	99.9	305.3	8.4	6.8	-4.8	333.3	999.9	99.9	999.9	6.4	125.
36.5	91.2	10836.7	250.0	-48.5	99.9	304.2	12.0	10.0	-6.8	334.0	999.9	99.9	999.9	7.6	124.
38.7	96.3	11521.1	225.0	-54.1	99.9	296.5	15.7	14.0	-7.0	335.5	999.9	99.9	999.9	9.5	124.
41.3	102.0	12265.9	200.0	-60.3	99.9	284.8	22.8	22.1	-5.8	337.3	999.9	99.9	999.9	12.3	120.
44.3	108.3	13084.5	175.0	-67.4	99.9	277.7	27.5	27.2	-3.7	338.8	999.9	99.9	999.9	16.8	115.
48.2	115.3	14000.6	150.0	-69.1	99.9	282.5	29.1	28.5	-6.3	351.1	999.9	99.9	999.9	23.5	110.
52.0	123.0	15110.9	125.0	-65.3	99.9	297.8	11.8	10.4	-5.5	376.7	999.9	99.9	999.9	28.6	110.
57.3	132.0	16446.9	100.0	-69.7	99.9	294.3	17.2	15.6	-7.1	393.1	999.9	99.9	999.9	33.3	110.
63.5	141.3	18155.9	75.0	-71.5	99.9	326.9	8.1	4.4	-6.8	423.1	999.9	99.9	999.9	37.1	111.
73.0	152.0	20606.5	50.0	-59.6	99.9	999.9	99.9	99.9	99.9	503.0	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

1/16

STATION NO. 240
LAKE CHARLES, LA

27 APRIL 1975
1415 GMT

152 40. 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	3.3	5.0	1015.6	24.4	21.7	130.0	7.2	-5.5	4.6	298.4	341.2	16.4	85.0	0.0	0.
0.4	4.7	140.8	1000.0	22.4	20.2	150.2	8.4	-4.2	7.3	297.6	337.1	15.1	87.6	0.3	317.
1.0	6.8	361.5	975.0	21.1	20.1	148.2	8.9	-4.7	7.6	298.4	338.7	15.4	93.9	0.6	323.
1.7	9.0	586.3	950.0	18.5	17.1	149.1	11.1	-5.7	9.5	297.8	332.1	13.1	91.4	1.0	325.
2.5	11.2	815.8	925.0	19.8	12.6	150.9	13.3	-6.5	11.7	300.9	327.8	10.0	63.1	1.5	327.
3.2	13.5	1051.9	900.0	18.9	10.7	152.8	12.8	-5.8	11.4	302.2	326.8	9.0	59.1	2.2	328.
4.2	15.8	1293.5	875.0	17.8	5.2	151.4	11.4	-5.5	10.0	303.1	321.0	6.4	43.7	2.8	329.
5.1	18.2	1540.7	850.0	16.3	1.7	152.3	12.0	-5.6	10.6	303.9	318.4	5.1	37.3	3.5	330.
6.0	20.6	1794.0	825.0	14.8	3.9	156.3	9.4	-3.8	8.6	305.1	322.5	6.2	48.0	4.0	330.
6.9	23.0	2053.6	800.0	13.7	-3.0	165.8	9.8	-2.4	9.5	306.2	317.4	3.8	31.4	4.6	331.
7.8	25.4	2320.6	775.0	12.9	-13.2	177.6	9.7	-0.4	9.6	307.9	314.0	2.0	16.6	5.0	333.
8.9	27.9	2595.4	750.0	12.7	-25.1	184.0	9.7	0.7	9.7	310.5	312.7	0.7	5.6	5.6	337.
9.8	30.6	2879.8	725.0	13.8	-38.3	169.0	8.5	-1.6	8.3	314.6	315.3	0.2	1.4	6.1	339.
10.9	33.3	3174.4	700.0	12.6	-35.7	165.4	7.2	-1.8	7.0	316.5	317.4	0.3	2.0	6.6	339.
12.0	35.9	3477.8	675.0	11.0	-35.8	167.3	5.3	-1.2	5.2	318.0	318.9	0.3	2.2	7.0	340.
13.1	38.8	3790.6	650.0	8.1	-9.1	152.3	3.4	-1.6	3.0	318.5	327.8	3.0	28.6	7.3	340.
14.2	41.5	4112.9	625.0	5.6	-8.6	144.2	4.2	-2.4	3.4	319.2	329.2	3.2	35.2	7.5	339.
15.4	44.5	4444.9	600.0	2.7	-11.2	135.4	4.8	-3.4	3.4	319.6	328.1	2.7	35.1	7.8	338.
16.6	47.6	4787.3	575.0	-0.6	-12.7	125.4	4.7	-3.8	2.7	319.6	327.4	2.5	39.3	8.1	337.
17.9	50.7	5140.4	550.0	-3.7	-14.9	116.6	5.8	-5.2	2.6	320.0	327.0	2.2	41.4	8.4	336.
19.2	54.0	5505.9	525.0	-6.0	-24.0	135.7	7.2	-5.0	5.2	321.3	324.8	1.0	22.5	8.9	334.
20.6	57.1	5885.7	500.0	-8.9	-27.6	176.7	6.6	-0.4	6.6	322.3	325.4	0.9	23.9	9.5	334.
22.0	60.6	6280.8	475.0	-11.7	-57.3	224.2	5.6	3.9	4.0	323.4	323.5	0.0	1.0	9.8	336.
23.5	64.3	6692.8	450.0	-14.4	-56.4	229.3	8.0	6.1	5.2	325.0	325.2	0.0	1.6	10.0	339.
25.0	67.8	7123.4	425.0	-17.6	-50.7	248.4	9.0	8.3	3.3	326.3	326.7	0.1	3.6	10.2	344.
26.7	71.5	7575.0	400.0	-20.1	-62.7	245.4	9.0	8.2	3.8	328.8	328.9	0.0	1.0	10.3	349.
28.3	75.5	8050.1	375.0	-23.8	-65.1	247.0	10.5	9.6	4.1	330.1	330.1	0.0	1.0	10.6	354.
30.0	79.8	8549.4	350.0	-28.1	-60.5	257.3	11.7	11.4	2.6	330.8	331.0	0.0	2.8	10.8	360.
31.8	84.0	9076.7	325.0	-32.5	-56.3	262.2	13.4	13.3	1.8	331.8	332.0	0.1	7.2	11.1	6.
33.7	88.4	9635.6	300.0	-36.8	-47.2	257.9	14.8	14.5	3.1	333.4	334.1	0.2	32.9	11.7	14.
35.9	93.3	10232.4	275.0	-41.3	99.9	273.0	16.0	15.9	-0.8	335.4	999.9	99.9	999.9	12.2	23.
38.5	98.2	10873.5	250.0	-46.0	99.9	272.3	17.8	17.8	-0.7	337.7	999.9	99.9	999.9	13.6	34.
41.2	103.4	11566.4	225.0	-51.1	99.9	271.0	17.5	17.5	-0.3	340.2	999.9	99.9	999.9	15.2	42.
43.9	109.3	12323.8	200.0	-56.4	99.9	265.0	21.8	21.7	1.9	343.4	999.9	99.9	999.9	17.9	50.
46.9	115.2	13159.7	175.0	-62.7	99.9	267.5	20.9	20.9	0.9	346.5	999.9	99.9	999.9	21.3	57.
50.4	121.8	14097.2	150.0	-67.4	99.9	276.6	24.6	24.5	-2.8	354.1	999.9	99.9	999.9	25.2	63.
54.5	129.0	15192.4	125.0	-65.4	99.9	276.8	20.3	20.2	-2.4	376.6	999.9	99.9	999.9	30.9	69.
59.2	136.3	16540.3	100.0	-69.6	99.9	266.8	11.3	11.3	0.6	393.3	999.9	99.9	999.9	34.4	71.
65.2	143.3	18243.5	75.0	-69.2	99.9	162.4	3.8	-1.1	3.6	427.8	999.9	99.9	999.9	36.7	70.
73.6	151.0	20716.0	50.0	-59.5	99.9	95.2	6.6	-6.5	0.6	503.4	999.9	99.9	999.9	34.8	70.
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. 248
SHREVEPORT, LA

27 APRIL 1975
1415 GMT

152 42. 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	4.4	79.0	1006.8	23.3	21.0	160.0	4.1	-1.4	3.9	298.0	339.2	15.8	87.0	0.0	0.
0.2	5.0	138.3	1000.0	22.7	20.9	167.7	7.4	-1.6	7.2	298.0	339.3	15.8	89.7	0.2	348.
1.2	6.9	359.0	975.0	20.7	19.4	168.2	9.0	-1.8	8.8	298.0	336.5	14.7	91.7	0.6	348.
2.2	9.0	583.6	950.0	18.7	17.8	177.1	12.6	-0.6	12.6	298.0	333.8	13.6	94.1	1.2	350.
3.3	11.0	813.2	925.0	20.2	12.0	173.2	14.7	-1.7	14.6	301.3	327.3	9.6	59.0	2.1	352.
4.2	13.2	1050.0	900.0	19.8	8.5	178.0	17.3	-0.6	17.3	303.0	324.4	7.8	47.9	3.0	353.
5.1	15.4	1292.5	875.0	18.9	0.1	182.1	13.3	0.5	13.3	304.1	317.1	4.6	29.1	3.9	355.
6.2	17.6	1540.7	850.0	18.1	-2.0	183.1	12.4	0.7	12.4	305.7	317.0	3.9	25.4	4.6	356.
7.3	20.0	1795.2	825.0	16.0	2.0	185.3	12.8	1.2	12.8	306.2	321.6	5.4	38.8	5.5	358.
8.3	22.1	2055.6	800.0	13.9	-3.4	181.7	12.8	0.4	12.8	306.4	317.3	3.7	29.9	6.3	358.
9.4	24.6	2322.1	775.0	11.8	-2.0	184.4	12.8	1.0	12.8	307.0	319.5	4.3	38.4	7.1	359.
10.6	26.9	2595.8	750.0	10.8	-9.0	191.7	13.6	2.8	13.4	308.6	316.4	2.6	23.9	8.0	360.
11.8	29.4	2877.7	725.0	10.0	-18.5	197.4	13.6	4.1	13.0	310.6	314.6	1.2	11.7	8.9	1.
13.0	32.0	3169.5	700.0	11.5	-24.2	198.9	12.2	4.0	11.6	315.3	317.8	0.8	6.4	9.9	3.
14.2	34.7	3472.2	675.0	9.8	-14.2	190.2	11.2	2.0	11.0	316.9	322.9	1.9	16.7	10.7	4.
15.7	37.1	3784.4	650.0	8.0	-13.9	185.5	8.7	0.8	8.7	318.3	324.7	2.0	19.5	11.5	4.
17.0	40.0	4106.1	625.0	5.0	-13.1	184.4	9.8	0.8	9.7	318.4	325.4	2.2	25.5	12.3	4.
18.4	42.6	4437.5	600.0	2.2	-10.3	189.8	8.9	1.5	8.8	319.0	328.1	2.9	39.2	13.1	4.
19.8	45.4	4779.4	575.0	-0.9	-11.0	197.7	8.9	2.7	8.5	319.3	328.3	2.9	46.0	13.8	5.
21.3	48.5	5132.3	550.0	-4.2	-11.9	206.2	7.8	3.5	7.0	319.4	328.2	2.8	54.9	14.6	6.
22.8	51.3	5496.9	525.0	-7.7	-13.0	198.3	7.3	2.3	6.9	319.5	328.0	2.7	66.0	15.2	7.
24.3	54.5	5874.9	500.0	-10.2	-31.5	186.0	7.2	0.8	7.2	320.7	322.6	0.6	15.7	15.8	7.
25.9	57.5	6268.1	475.0	-12.8	-57.7	199.2	9.6	3.2	9.1	322.1	322.2	0.0	1.0	16.6	7.
27.6	60.9	6678.0	450.0	-15.6	-57.5	217.0	11.0	6.6	8.8	323.5	323.7	0.0	1.3	17.7	8.
29.5	64.3	7106.7	425.0	-18.6	-57.8	222.7	11.7	7.9	8.6	325.1	325.2	0.0	1.7	18.7	10.
31.3	67.7	7556.1	400.0	-21.5	-58.4	230.8	14.4	11.1	9.1	327.0	327.2	0.0	2.0	19.9	13.
33.4	71.3	8028.5	375.0	-25.1	-59.6	238.2	14.3	12.1	7.5	328.2	328.4	0.0	2.4	21.1	16.
35.4	75.2	8525.1	350.0	-29.5	-55.2	241.2	14.9	13.1	7.2	328.9	329.1	0.1	6.2	22.6	19.
37.7	79.3	9050.0	325.0	-33.7	-52.8	253.2	17.0	16.3	4.9	330.1	330.5	0.1	13.6	24.1	23.
40.1	83.3	9607.0	300.0	-37.7	-53.8	252.0	18.3	17.4	5.7	332.2	332.5	0.1	16.4	25.7	27.
42.5	87.7	10200.9	275.0	-42.4	99.9	249.6	20.5	19.3	7.2	333.8	999.9	99.9	999.9	27.9	31.
45.2	92.5	10838.6	250.0	-46.7	99.9	255.0	23.7	22.9	6.1	336.7	999.9	99.9	999.9	30.5	36.
48.0	97.4	11528.3	225.0	-52.6	99.9	252.3	24.9	23.7	7.6	338.0	999.9	99.9	999.9	33.8	40.
51.1	102.8	12279.0	200.0	-58.2	99.9	262.3	22.5	22.3	3.0	340.6	999.9	99.9	999.9	37.5	44.
54.4	108.8	13106.8	175.0	-64.5	99.9	262.1	19.4	19.2	2.7	343.5	999.9	99.9	999.9	41.3	48.
57.8	115.2	14037.2	150.0	-68.8	99.9	262.8	24.4	24.2	3.1	351.6	999.9	99.9	999.9	44.7	51.
61.9	122.3	15131.2	125.0	-66.8	99.9	260.3	25.9	25.5	4.4	374.0	999.9	99.9	999.9	50.2	55.
67.0	130.8	16477.1	100.0	-70.3	99.9	261.9	13.3	13.2	1.9	391.9	999.9	99.9	999.9	54.4	57.
73.5	140.3	18195.2	75.0	-67.5	99.9	142.3	3.7	-2.2	2.9	431.4	999.9	99.9	999.9	56.8	57.
81.9	151.0	20658.9	50.0	-63.5	99.9	82.9	4.8	-4.8	-0.6	494.0	999.9	99.9	999.9	55.5	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
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STATION NO. 250
BROWNSVILLE, TEX

27 APRIL 1975
1415 GMT

159 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 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	7.0	1010.8	26.1	20.7	160.0	9.3	-3.2	8.7	300.4	341.0	15.4	72.0	0.0	0.
0.3	4.9	101.9	1000.0	24.7	21.7	157.5	12.3	-4.7	11.3	300.1	343.7	16.6	83.2	0.3	343.
1.0	6.8	324.4	975.0	22.7	21.2	159.3	13.6	-4.8	12.7	300.2	343.5	16.5	91.3	0.7	339.
1.8	8.8	550.9	950.0	21.1	19.7	158.5	13.4	-4.9	12.5	300.7	341.4	15.4	91.8	1.4	340.
2.6	10.8	781.9	925.0	18.9	17.8	161.2	16.4	-5.3	15.5	300.5	337.8	14.1	93.7	2.0	340.
3.6	12.9	1017.3	900.0	17.0	4.3	161.6	20.6	-6.5	19.5	299.9	316.6	6.1	44.3	3.2	340.
4.6	15.1	1259.0	875.0	18.5	6.7	167.0	19.5	-4.4	19.0	303.9	323.8	7.1	46.5	4.4	341.
5.4	17.2	1507.5	850.0	18.1	2.3	168.3	17.1	-3.5	16.7	305.8	321.2	5.4	34.9	5.3	342.
6.3	19.5	1762.7	825.0	17.6	-3.3	175.8	13.5	-1.0	13.5	307.7	318.5	3.7	24.0	6.1	344.
7.2	21.5	2024.4	800.0	16.4	-25.5	171.1	13.8	-2.1	13.6	308.7	312.5	1.2	8.7	6.8	345.
8.1	23.9	2293.6	775.0	16.1	-40.0	167.5	13.9	-3.0	13.6	311.2	311.7	0.1	1.0	7.6	345.
9.0	26.1	2571.8	750.0	17.1	-39.5	176.7	10.2	-0.6	10.2	315.1	315.7	0.2	1.0	8.2	345.
9.9	28.6	2859.7	725.0	16.3	-40.0	199.6	8.9	3.0	8.4	317.3	317.9	0.2	1.0	8.7	347.
10.7	31.1	3156.2	700.0	14.2	-41.2	220.1	8.4	5.4	6.4	318.2	318.8	0.1	1.0	9.0	349.
11.8	33.8	3460.9	675.0	11.6	-42.8	224.3	6.3	4.4	4.5	318.6	319.1	0.1	1.0	9.3	351.
12.8	36.2	3774.5	650.0	9.5	-44.1	203.7	4.6	1.8	4.2	319.7	320.1	0.1	1.0	9.5	353.
13.8	39.0	4097.8	625.0	7.4	-45.4	191.0	3.7	0.7	3.7	320.9	321.3	0.1	1.0	9.8	353.
14.9	41.6	4431.8	600.0	4.7	-47.1	230.4	1.9	1.5	1.2	321.5	321.8	0.1	1.0	10.0	354.
16.0	44.4	4776.5	575.0	1.9	-48.8	290.5	1.2	1.1	-0.4	322.1	322.4	0.1	1.0	9.9	354.
17.1	47.4	5132.5	550.0	-1.1	-50.7	149.0	1.1	-0.5	0.9	322.7	323.0	0.1	1.0	9.9	354.
18.2	50.4	5501.2	525.0	-3.8	-52.4	156.1	4.9	-2.0	4.4	323.8	324.0	0.1	1.0	10.1	354.
19.3	53.4	5884.0	500.0	-6.7	-38.4	171.3	8.1	-1.2	8.0	324.8	325.8	0.3	5.9	10.5	353.
20.6	56.5	6282.1	475.0	-9.7	-48.3	192.4	9.4	2.0	9.2	326.0	326.4	0.1	2.5	11.2	354.
21.9	59.9	6696.5	450.0	-13.2	-44.1	201.9	11.2	4.2	10.4	326.5	327.2	0.2	5.4	11.9	356.
23.4	63.4	7128.5	425.0	-17.0	-39.5	199.1	11.5	3.7	10.8	327.1	328.1	0.3	12.1	12.9	358.
24.9	66.8	7580.7	400.0	-19.7	-43.6	197.4	12.5	3.8	11.9	329.4	330.1	0.2	9.7	13.9	359.
26.3	70.5	8056.9	375.0	-23.1	-46.9	200.8	15.4	5.5	14.4	331.0	331.5	0.1	9.3	15.0	1.
27.8	74.3	8557.6	350.0	-27.5	-47.3	202.0	16.1	6.0	14.9	331.6	332.1	0.1	13.2	16.4	2.
29.4	78.6	9086.0	325.0	-31.6	-49.2	216.7	15.0	9.0	12.0	333.0	333.5	0.1	15.5	17.7	4.
31.1	82.8	9647.4	300.0	-35.8	-49.2	229.5	14.0	10.6	9.1	334.9	335.4	0.1	23.4	18.9	7.
33.0	87.4	10246.9	275.0	-40.4	99.9	227.8	15.5	11.5	10.4	336.7	999.9	99.9	999.9	20.1	10.
35.0	92.4	10889.9	250.0	-45.4	99.9	236.9	19.5	16.4	10.7	338.5	999.9	99.9	999.9	21.8	14.
37.2	97.6	11586.1	225.0	-49.9	99.9	245.9	22.8	20.9	9.3	342.0	999.9	99.9	999.9	23.9	19.
39.6	103.3	12347.5	200.0	-55.2	99.9	270.6	27.2	27.2	-0.3	345.3	999.9	99.9	999.9	25.9	26.
42.3	109.8	13188.0	175.0	-61.6	99.9	277.6	35.4	35.1	-4.7	348.3	999.9	99.9	999.9	28.1	36.
45.3	116.5	14125.9	150.0	-69.5	99.9	288.4	33.1	31.4	-10.5	350.4	999.9	99.9	999.9	31.3	46.
48.6	124.3	15196.9	125.0	-72.3	99.9	258.4	20.9	20.5	4.2	364.1	999.9	99.9	999.9	34.9	54.
53.0	133.0	16507.4	100.0	-72.8	99.9	246.4	18.3	16.8	7.3	387.0	999.9	99.9	999.9	39.6	55.
58.4	141.7	18192.9	75.0	-71.9	99.9	160.2	7.2	-2.4	6.8	422.2	999.9	99.9	999.9	43.2	56.
65.7	151.0	20647.9	50.0	-60.7	99.9	253.1	0.4	0.4	0.1	500.4	999.9	99.9	999.9	43.2	53.
77.4	161.0	25064.7	25.0	-49.9	99.9	127.5	5.8	-4.6	3.6	641.1	999.9	99.9	999.9	40.6	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. 255
VICTORIA, TEX

27 APRIL 1975
1415 GMT

163 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	3.6	33.0	1009.0	24.9	21.2	180.0	10.3	0.0	10.3	299.4	341.3	16.0	80.0	0.0	0.
0.2	4.5	112.0	1000.0	24.2	21.2	999.9	99.9	99.9	99.9	299.6	341.8	16.1	83.2	999.9	999.
0.9	6.5	333.8	975.0	22.0	20.4	999.9	99.9	99.9	99.9	299.4	340.7	15.7	90.7	999.9	999.
1.5	8.7	559.8	950.0	20.5	19.7	999.9	99.9	99.9	99.9	300.1	340.7	15.4	95.0	999.9	999.
2.1	10.8	790.8	925.0	19.4	18.6	174.2	14.3	-1.4	14.2	301.1	340.4	14.8	95.3	1.4	344.
2.7	13.1	1024.9	900.0	14.5	-2.7	174.4	19.0	-1.9	18.9	296.9	306.8	3.5	30.4	2.1	348.
3.6	15.4	1265.7	875.0	19.7	0.5	174.7	19.9	-1.8	19.8	304.9	318.0	4.6	27.6	3.1	350.
4.5	17.7	1514.4	850.0	18.4	-1.8	175.1	20.7	-1.8	20.6	305.9	317.4	3.9	25.3	4.2	351.
5.2	20.2	1769.4	825.0	17.6	-8.9	172.4	19.5	-2.6	19.4	307.5	315.0	2.5	16.5	5.1	352.
6.0	22.4	2031.2	800.0	16.4	-23.6	173.6	19.7	-2.2	19.5	308.7	311.0	0.7	4.9	6.0	352.
6.8	25.0	2299.8	775.0	15.2	-39.4	178.4	17.0	-0.5	17.0	310.1	310.7	0.2	1.1	6.9	352.
7.8	27.3	2576.5	750.0	14.4	-41.1	174.7	15.6	-1.4	15.5	312.3	312.8	0.1	1.0	7.8	353.
8.7	30.0	2862.1	725.0	14.8	-40.9	171.1	15.6	-2.4	15.4	315.7	316.2	0.1	1.0	8.6	353.
9.7	32.7	3158.2	700.0	14.2	-41.2	174.4	14.6	-1.4	14.6	318.2	318.7	0.1	1.0	9.6	353.
10.6	35.4	3463.1	675.0	11.8	-31.7	171.1	14.1	-2.2	13.9	318.9	320.4	0.4	3.4	10.3	353.
11.5	38.1	3776.6	650.0	9.4	-30.3	165.7	13.8	-3.4	13.4	319.6	321.2	0.5	4.1	11.1	353.
12.5	40.8	4100.2	625.0	7.3	-25.6	159.0	14.6	-5.2	13.6	320.8	323.4	0.8	7.5	11.9	352.
13.6	43.8	4433.7	600.0	4.1	-22.0	153.4	12.6	-5.6	11.2	320.9	324.6	1.1	12.8	12.8	351.
14.7	46.9	4777.7	575.0	1.1	-24.3	168.8	10.3	-2.0	10.1	321.4	324.5	0.9	12.8	13.6	350.
15.9	50.0	5132.9	550.0	-1.7	-24.0	199.2	9.0	2.9	8.5	322.1	325.5	1.0	16.2	14.2	351.
17.0	53.0	5501.1	525.0	-4.8	-24.1	217.4	10.0	6.1	8.0	322.7	326.2	1.0	20.3	14.7	352.
18.2	56.1	5882.3	500.0	-8.1	-23.1	217.8	10.8	6.6	8.5	323.3	327.4	1.2	29.2	15.2	354.
19.4	59.6	6278.6	475.0	-11.1	-34.3	215.8	12.8	7.5	10.4	324.3	325.9	0.4	12.8	15.9	356.
20.7	63.1	6691.4	450.0	-13.9	-46.9	210.4	14.4	7.3	12.4	325.7	326.2	0.1	4.4	16.7	359.
22.0	66.6	7123.4	425.0	-16.5	-60.4	218.1	13.4	8.3	10.6	327.7	327.8	0.0	1.0	17.6	1.
23.4	70.4	7576.0	400.0	-20.0	-62.6	217.2	17.1	10.3	13.6	329.0	329.0	0.0	1.0	18.6	3.
25.0	74.2	8050.7	375.0	-23.8	-58.8	222.2	17.0	11.4	12.6	330.1	330.2	0.0	2.4	19.9	6.
26.5	78.3	8550.2	350.0	-28.3	-48.5	229.5	15.6	11.9	10.2	330.5	331.0	0.1	12.7	21.2	8.
28.1	82.5	9076.7	325.0	-32.8	-47.7	227.6	20.6	15.2	13.9	331.4	331.9	0.2	20.9	22.6	11.
29.8	86.8	9635.0	300.0	-36.5	-41.9	230.7	19.4	15.0	12.3	333.9	335.1	0.3	57.8	24.1	14.
31.8	91.8	10233.8	275.0	-40.8	99.9	236.2	21.7	18.1	12.1	336.2	999.9	99.9	999.9	25.9	17.
33.8	96.8	10875.8	250.0	-45.9	99.9	241.3	23.8	20.9	11.4	337.8	999.9	99.9	999.9	27.9	21.
35.9	102.0	11567.7	225.0	-51.9	99.9	244.3	23.4	21.1	10.1	339.0	999.9	99.9	999.9	30.4	25.
38.3	107.8	12322.7	200.0	-56.6	99.9	251.0	29.0	27.4	9.4	343.1	999.9	99.9	999.9	33.1	30.
40.9	114.0	13158.0	175.0	-62.6	99.9	267.5	33.8	33.8	1.5	346.6	999.9	99.9	999.9	36.7	35.
43.9	120.8	14096.6	150.0	-67.7	99.9	267.5	43.2	43.2	1.9	353.5	999.9	99.9	999.9	41.7	43.
47.1	128.3	15180.2	125.0	-69.8	99.9	242.8	25.6	22.8	11.7	368.7	999.9	99.9	999.9	46.6	48.
51.4	136.5	16507.8	100.0	-71.5	99.9	244.4	16.2	14.6	7.0	389.7	999.9	99.9	999.9	51.7	50.
56.9	144.3	18208.6	75.0	-69.5	99.9	168.6	3.6	-0.7	3.6	427.2	999.9	99.9	999.9	54.5	50.
64.8	152.7	20679.2	50.0	-60.0	99.9	54.7	5.9	-4.8	-3.4	502.3	999.9	99.9	999.9	54.9	49.
76.8	161.0	25090.9	25.0	-50.9	99.9	189.1	4.5	0.7	4.5	638.2	999.9	99.9	999.9	53.0	48.

* 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

27 APRIL 1975
1440 GMT

159 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	963.3	23.0	19.4	160.0	9.3	-3.2	8.7	301.3	340.9	14.9	80.0	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	10.7	520.2	950.0	21.1	17.3	999.9	99.9	99.9	99.9	300.4	335.6	13.2	79.0	999.9	999.
1.5	13.1	751.0	925.0	18.9	17.0	999.9	99.9	99.9	99.9	300.4	335.9	13.4	89.1	999.9	999.
2.4	15.4	986.5	900.0	17.1	15.6	179.0	21.1	-0.4	21.1	300.8	334.1	12.5	90.9	2.3	351.
3.1	17.8	1228.2	875.0	19.9	4.9	187.7	27.7	3.7	27.4	305.3	323.2	6.3	38.4	3.4	355.
4.0	20.3	1478.1	850.0	20.0	-2.3	187.6	31.1	4.1	30.8	307.6	318.8	3.8	22.1	4.9	360.
4.8	22.6	1734.0	825.0	17.8	0.7	192.6	29.7	6.5	29.0	308.1	322.7	5.0	32.7	6.4	2.
5.8	25.2	1996.5	800.0	15.9	9.7	194.2	27.9	6.8	27.1	309.4	336.1	9.5	66.6	8.1	4.
6.7	27.7	2266.1	775.0	16.6	-29.8	194.6	25.8	6.5	24.9	311.8	314.4	0.8	5.8	9.4	6.
7.5	30.3	2544.9	750.0	17.0	-39.5	200.0	23.9	8.2	22.5	315.1	315.7	0.2	1.0	10.7	7.
8.4	33.1	2832.6	725.0	15.9	-40.2	204.0	22.0	8.9	20.1	316.9	317.5	0.2	1.0	11.9	9.
9.4	35.7	3129.0	700.0	14.4	-22.9	207.3	19.0	8.7	16.9	318.6	321.5	0.9	6.0	13.0	10.
10.3	38.6	3434.5	675.0	12.0	-12.6	208.6	16.9	8.1	14.8	319.3	326.2	2.1	16.6	14.0	12.
11.4	41.3	3748.4	650.0	9.0	-12.3	207.1	15.4	7.0	13.7	319.4	326.7	2.3	20.7	15.0	13.
12.6	44.1	4071.2	625.0	6.4	-14.6	203.5	14.7	5.8	13.4	320.0	326.3	2.0	20.5	15.9	14.
13.7	47.3	4404.0	600.0	3.3	-13.3	196.5	15.8	4.5	15.1	320.3	327.5	2.3	28.3	17.0	14.
14.9	50.3	4747.2	575.0	0.1	-13.2	195.2	16.8	4.4	16.2	320.3	328.0	2.4	36.0	18.2	14.
16.1	53.4	5101.5	550.0	-3.1	-13.4	194.4	18.8	4.7	18.2	320.7	328.5	2.5	44.7	19.4	14.
17.4	56.4	5467.8	525.0	-6.3	-13.3	197.8	20.8	6.3	19.8	321.1	329.4	2.6	57.6	20.9	14.
18.6	59.9	5847.0	500.0	-9.8	-17.6	211.3	22.7	11.8	19.4	321.3	327.5	1.9	53.0	22.6	15.
20.0	63.3	6240.9	475.0	-12.9	-27.6	212.7	23.8	12.8	20.0	322.1	325.0	0.9	29.5	24.3	16.
21.4	66.7	6650.9	450.0	-15.7	-57.5	214.2	25.1	14.1	20.8	323.4	323.5	0.0	1.4	26.3	18.
22.9	70.3	7078.9	425.0	-19.3	-57.9	213.8	25.1	14.0	20.8	324.2	324.3	0.0	1.7	28.6	19.
24.5	74.0	7526.4	400.0	-22.6	-58.7	214.9	26.0	14.8	21.3	325.5	325.7	0.0	2.1	30.8	20.
25.9	77.9	7997.1	375.0	-26.2	-59.9	214.0	26.4	14.8	21.9	326.9	327.0	0.0	2.5	33.2	21.
27.6	81.8	8492.0	350.0	-30.3	-52.6	215.3	24.7	14.3	20.2	327.8	328.1	0.1	9.2	35.7	22.
29.4	86.0	9014.4	325.0	-34.2	-49.5	222.4	25.5	17.2	18.8	329.5	329.9	0.1	19.3	38.0	23.
31.2	90.6	9570.9	300.0	-37.7	-50.1	215.0	33.5	19.2	27.4	332.2	332.7	0.1	25.8	41.2	24.
33.2	95.3	10166.8	275.0	-40.7	99.9	221.8	34.7	23.1	25.8	336.3	999.9	99.9	999.9	45.2	26.
35.3	100.2	10807.8	250.0	-46.4	99.9	221.2	36.4	24.0	27.4	337.1	999.9	99.9	999.9	49.5	27.
37.7	105.4	11498.3	225.0	-52.5	99.9	222.0	31.8	21.3	23.6	338.1	999.9	99.9	999.9	53.8	28.
39.8	111.0	12248.5	200.0	-58.3	99.9	226.9	41.8	30.5	28.5	340.4	999.9	99.9	999.9	58.7	30.
42.5	117.3	13076.2	175.0	-65.0	99.9	244.4	32.1	29.0	13.9	342.7	999.9	99.9	999.9	65.2	32.
45.7	124.3	14013.1	150.0	-64.6	99.9	237.0	30.3	25.4	16.5	358.8	999.9	99.9	999.9	70.5	34.
49.0	131.7	15120.5	125.0	-66.6	99.9	232.7	29.2	23.2	17.7	374.5	999.9	99.9	999.9	76.0	36.
53.3	139.3	16470.5	100.0	-70.1	99.9	217.3	21.7	13.1	17.3	392.4	999.9	99.9	999.9	82.1	36.
58.9	147.3	18198.0	75.0	-65.6	99.9	180.3	9.7	0.0	9.7	435.3	999.9	99.9	999.9	85.4	36.
66.3	155.7	20691.0	50.0	-61.1	99.9	88.6	9.5	-9.5	-0.2	499.5	999.9	99.9	999.9	85.3	34.
78.6	164.3	25129.4	25.0	-50.6	99.9	185.6	3.1	0.3	3.1	639.9	999.9	99.9	999.9	84.2	33.

* 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

27 APRIL 1975
1415 GMT

160 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	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	314.0	971.7	23.3	20.2	120.0	6.7	-5.8	3.3	301.0	342.3	15.6	83.0	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.
0.7	10.3	511.1	950.0	20.9	19.5	137.5	11.7	-7.9	8.6	300.5	340.6	15.2	91.2	0.4	311.
1.5	12.5	742.5	925.0	19.9	19.3	153.0	14.5	-6.6	12.9	301.7	342.8	15.5	96.6	1.1	320.
2.5	15.0	979.4	900.0	19.1	18.6	171.2	14.1	-2.2	13.9	303.3	343.9	15.2	96.5	1.9	329.
3.4	17.2	1222.6	875.0	18.4	17.8	181.8	12.4	0.4	12.4	304.9	345.0	14.9	96.4	2.5	337.
4.3	19.7	1471.5	850.0	16.5	13.4	185.0	14.3	1.2	14.2	305.0	336.4	11.5	82.1	3.2	343.
5.1	22.0	1726.2	825.0	19.4	6.4	197.6	13.3	3.9	12.4	310.0	331.0	7.3	42.7	3.8	347.
6.0	24.7	1990.2	800.0	18.0	-2.3	230.9	9.4	7.3	5.9	310.8	323.0	4.1	25.4	4.2	353.
6.8	27.1	2260.5	775.0	17.0	-39.5	251.5	8.8	8.4	2.8	312.1	312.6	0.2	1.0	4.4	359.
7.9	29.8	2538.2	750.0	15.0	-38.7	241.0	8.6	7.5	4.2	312.9	313.5	0.2	1.2	4.5	5.
8.8	32.4	2824.2	725.0	14.5	-38.5	223.2	11.4	7.8	8.3	315.4	316.1	0.2	1.3	4.9	9.
9.9	35.2	3119.2	700.0	12.7	-37.9	218.3	15.3	9.5	12.0	316.6	317.3	0.2	1.6	5.7	14.
11.0	37.8	3422.7	675.0	10.8	-11.3	210.8	18.3	9.3	15.7	318.0	325.6	2.4	20.2	6.8	17.
12.2	40.5	3735.9	650.0	8.7	-21.1	211.2	20.0	10.4	17.1	318.9	322.5	1.1	10.1	8.1	19.
13.3	43.3	4058.0	625.0	5.6	-23.1	211.1	19.9	10.3	17.0	319.0	322.2	0.9	10.4	9.5	21.
14.4	46.3	4390.1	600.0	3.0	-24.9	213.2	19.7	10.8	16.5	319.7	322.5	0.8	10.7	10.8	22.
15.6	49.5	4732.5	575.0	-0.2	-22.1	212.1	19.5	10.4	16.5	319.8	323.6	1.1	17.4	12.1	24.
16.8	52.4	5085.7	550.0	-3.9	-18.5	206.6	20.0	9.0	17.9	319.6	324.8	1.6	31.3	13.6	24.
18.1	55.5	5450.8	525.0	-7.3	-14.8	206.1	21.3	9.4	19.2	319.9	327.2	2.3	54.7	15.2	24.
19.4	58.7	5829.1	500.0	-10.4	-13.8	211.2	23.4	12.1	20.1	320.6	328.9	2.6	76.2	16.8	25.
20.6	62.0	6222.1	475.0	-13.5	-17.3	219.4	23.6	15.0	18.3	321.4	328.1	2.1	73.2	18.6	26.
21.8	65.4	6631.3	450.0	-16.8	-25.8	225.8	25.4	18.2	17.7	322.2	325.8	1.1	46.5	20.2	27.
22.9	68.9	7058.0	425.0	-19.4	-52.5	231.0	25.6	19.9	16.1	324.0	324.3	0.1	3.4	21.9	29.
24.1	72.3	7506.0	400.0	-22.5	-53.7	229.2	25.3	19.1	16.5	325.6	325.9	0.1	3.9	23.6	31.
25.9	76.2	7976.8	375.0	-25.8	-48.9	221.9	29.9	19.9	22.2	327.3	327.8	0.1	9.4	26.4	32.
27.9	80.3	8473.5	350.0	-29.1	-51.1	214.1	30.7	17.2	25.4	329.4	329.8	0.1	9.8	30.0	33.
30.0	84.3	8999.6	325.0	-31.7	-48.3	213.5	29.1	16.1	24.3	332.9	333.5	0.1	17.5	33.5	33.
32.0	88.4	9560.4	300.0	-36.5	-50.0	213.7	30.6	17.0	25.5	333.8	334.3	0.1	23.1	37.3	33.
33.9	93.0	10155.9	275.0	-41.9	99.9	215.3	30.4	17.5	24.8	334.5	999.9	99.9	999.9	40.7	33.
35.9	97.8	10794.6	250.0	-46.6	99.9	228.0	34.0	25.3	22.8	336.7	999.9	99.9	999.9	44.6	34.
38.0	102.8	11485.7	225.0	-51.9	99.9	222.8	36.4	24.7	26.7	339.0	999.9	99.9	999.9	49.0	35.
40.5	108.5	12240.1	200.0	-57.4	99.9	226.9	39.4	28.8	26.9	341.9	999.9	99.9	999.9	54.5	36.
43.0	114.3	13070.4	175.0	-64.1	99.9	244.1	44.0	39.6	19.2	344.1	999.9	99.9	999.9	60.7	38.
45.9	120.5	14003.1	150.0	-70.2	99.9	247.5	46.4	42.9	17.7	349.2	999.9	99.9	999.9	68.1	41.
49.7	127.7	15089.0	125.0	-69.5	99.9	235.8	29.8	24.7	16.8	369.2	999.9	99.9	999.9	75.3	43.
53.8	135.7	16412.9	100.0	-71.0	99.9	240.8	19.3	16.9	9.4	390.5	999.9	99.9	999.9	81.4	44.
58.9	143.7	18113.2	75.0	-67.1	99.9	216.1	9.7	5.7	7.8	432.3	999.9	99.9	999.9	85.3	44.
66.7	153.0	20595.2	50.0	-58.8	99.9	48.1	5.8	-4.3	-3.9	505.0	999.9	99.9	999.9	87.3	43.
78.0	163.0	24984.3	25.0	-50.1	99.9	121.6	2.7	-2.3	1.4	640.8	999.9	99.9	999.9	85.9	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. 265
MIDLAND, TEX

27 APRIL 1975
1428 GMT

140 49. 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	12.5	873.0	907.6	23.9	17.4	195.0	12.4	3.2	12.0	307.3	345.4	14.0	67.0	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	13.2	946.6	900.0	22.3	17.5	201.5	15.5	5.7	14.4	306.5	345.0	14.2	74.1	0.4	17.
1.0	15.4	1191.7	875.0	20.1	16.5	204.9	17.0	7.2	15.4	306.6	343.8	13.7	79.5	0.9	20.
1.9	17.6	1442.7	850.0	21.2	7.7	217.2	19.2	11.6	15.3	309.4	331.9	7.9	42.6	1.8	25.
2.7	20.0	1701.0	825.0	20.9	1.7	220.2	20.2	13.0	15.4	311.4	326.8	5.3	27.9	2.8	30.
3.6	22.2	1965.8	800.0	18.4	-1.7	221.4	20.8	13.8	15.6	311.3	323.8	4.2	25.4	3.9	33.
4.6	24.6	2236.6	775.0	16.3	-5.5	224.3	18.4	12.8	13.2	311.8	321.7	3.3	21.8	5.0	35.
5.6	26.9	2514.2	750.0	14.4	-10.2	222.9	16.5	11.2	12.1	312.5	319.8	2.3	17.1	6.0	37.
6.5	29.4	2799.1	725.0	12.2	-11.4	224.4	12.2	8.5	8.7	313.1	319.9	2.2	18.0	6.8	38.
7.4	32.0	3091.2	700.0	9.4	-12.4	224.1	14.0	9.7	10.0	313.2	319.7	2.1	19.9	7.5	38.
8.4	34.7	3391.3	675.0	6.6	-13.8	222.4	14.0	9.4	10.3	313.3	319.4	1.9	21.5	8.3	39.
9.3	37.2	3699.4	650.0	3.8	-15.2	223.2	16.0	11.0	11.7	313.5	319.1	1.8	23.3	9.1	39.
10.3	40.0	4016.2	625.0	1.2	-15.7	223.8	19.6	13.5	14.1	314.0	319.7	1.8	26.9	10.2	40.
11.4	42.7	4343.7	600.0	-0.9	-13.0	220.7	21.3	13.9	16.1	315.4	322.7	2.4	39.5	11.5	40.
12.6	45.6	4681.6	575.0	-4.1	-11.5	219.8	21.6	13.8	16.6	315.5	324.0	2.8	56.4	13.1	40.
13.9	48.6	5030.7	550.0	-6.8	-13.9	214.9	23.6	13.5	19.4	316.2	323.7	2.4	57.1	14.9	40.
15.2	51.4	5392.4	525.0	-9.2	-17.7	211.0	29.5	15.2	25.3	317.6	323.4	1.8	49.7	16.9	39.
16.7	54.6	5768.3	500.0	-11.6	-19.1	207.4	34.7	16.0	30.8	319.1	324.5	1.7	53.7	19.8	38.
18.1	57.6	6159.5	475.0	-14.5	-21.6	205.4	34.9	15.0	31.5	320.1	324.7	1.4	54.6	22.8	36.
19.3	61.0	6567.7	450.0	-16.6	-23.5	209.9	32.2	16.0	27.9	322.4	326.6	1.3	55.2	25.1	35.
20.6	64.4	6995.1	425.0	-19.9	-26.4	211.0	31.0	16.0	26.6	323.5	327.0	1.0	55.9	27.6	35.
22.0	67.9	7441.8	400.0	-23.5	-28.9	209.9	35.3	17.6	30.6	324.5	327.5	0.9	60.6	30.3	34.
23.5	71.4	7911.0	375.0	-26.7	-33.3	208.3	35.7	16.9	31.4	326.3	328.4	0.6	53.0	33.5	34.
25.2	75.3	8405.6	350.0	-30.4	-37.1	211.8	38.4	20.2	32.7	327.7	329.3	0.4	51.6	37.3	33.
27.0	79.5	8927.8	325.0	-34.9	-42.9	210.6	43.6	22.2	37.5	328.5	329.5	0.3	43.6	41.5	33.
28.7	83.5	9480.5	300.0	-40.0	99.9	209.0	45.3*	22.0	39.7	329.1	999.9	99.9	999.9	46.1	33.
30.5	87.8	10068.7	275.0	-44.5	99.9	213.6	47.4*	26.2	39.5	330.8	999.9	99.9	999.9	51.4	33.
32.5	92.6	10701.6	250.0	-48.9	99.9	222.6	40.2*	27.2	29.6	333.3	999.9	99.9	999.9	56.4	33.
34.7	97.4	11386.7	225.0	-53.1	99.9	227.1	47.2*	34.6	32.1	337.2	999.9	99.9	999.9	61.8	34.
37.3	102.8	12136.0	200.0	-59.0	99.9	226.7	51.3*	37.4	35.2	339.3	999.9	99.9	999.9	69.9	36.
40.1	108.8	12966.7	175.0	-61.5	99.9	231.5	36.5*	28.6	22.7	348.4	999.9	99.9	999.9	77.6	37.
43.1	115.0	13925.6	150.0	-61.5	99.9	227.9	25.6*	19.0	17.1	364.1	999.9	99.9	999.9	84.2	38.
47.0	122.3	15048.9	125.0	-65.2	99.9	213.9	23.4*	13.0	19.4	377.0	999.9	99.9	999.9	90.4	38.
51.9	130.7	16394.0	100.0	-68.4	99.9	222.4	29.5*	19.9	21.8	395.5	999.9	99.9	999.9	98.6	38.
57.8	139.7	18150.9	75.0	-66.1	99.9	235.9	4.4*	3.7	2.5	434.3	999.9	99.9	999.9	104.7	38.
66.5	150.5	20653.7	50.0	-60.9	99.9	999.9	99.9	99.9	99.9	500.1	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

53

STATION NO. 270
EL PASO, TEX

27 APRIL 1975
1500 GMT

152 24. 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	18.1	1193.0	879.5	11.2	-7.6	290.0	9.2	8.6	-3.1	295.3	302.4	2.5	26.0	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.
0.2	18.6	1235.7	875.0	10.3	-10.1	290.0	14.8	13.9	-5.0	294.8	300.7	2.1	22.7	0.1	66.
1.1	21.0	1475.1	850.0	7.3	-12.0	291.4	17.7	16.4	-6.4	294.0	299.3	1.8	23.8	1.0	114.
1.9	23.8	1719.8	825.0	5.1	-12.2	288.5	14.3	13.5	-4.5	294.2	299.5	1.8	27.1	1.7	114.
2.8	26.3	1970.3	800.0	4.0	-8.6	264.4	16.6	16.6	1.6	295.8	303.0	2.5	39.2	2.5	109.
3.7	29.2	2228.4	775.0	3.7	-4.6	245.2	20.6	18.7	8.7	298.2	308.2	3.5	54.6	3.3	99.
4.4	32.0	2494.7	750.0	3.3	-6.8	237.2	21.5	18.0	11.6	300.6	309.4	3.1	47.2	4.1	91.
5.3	35.0	2768.5	725.0	1.1	-7.6	228.0	19.5	14.5	13.0	301.1	309.7	3.0	52.2	5.0	83.
6.1	37.7	3049.7	700.0	-1.3	-11.2	234.8	23.3	19.0	13.4	301.3	308.1	2.3	47.0	5.9	77.
7.0	40.6	3338.2	675.0	-4.3	-15.1	238.3	25.8	22.0	13.6	301.0	306.3	1.8	42.7	7.2	74.
8.0	43.5	3634.7	650.0	-5.6	-28.8	240.3	26.1	22.7	12.9	302.6	304.4	0.5	14.0	8.8	71.
9.1	46.6	3941.0	625.0	-7.3	-28.4	243.0	26.9	23.9	12.2	304.1	306.0	0.6	16.6	10.5	69.
10.3	49.9	4258.4	600.0	-8.1	-29.0	244.5	32.5	29.4	13.9	306.7	308.6	0.6	16.7	12.6	69.
11.5	52.9	4587.8	575.0	-9.5	-30.1	242.9	35.5	31.6	16.1	308.9	310.7	0.5	16.8	15.0	68.
12.7	56.0	4930.8	550.0	-10.2	-35.4	241.8	35.7	31.5	16.9	312.0	313.1	0.3	10.5	17.5	67.
13.9	59.4	5287.4	525.0	-13.0	-37.4	243.4	36.7	32.8	16.4	312.8	313.8	0.3	10.8	20.2	66.
15.0	62.9	5657.5	500.0	-15.2	-39.0	242.6	34.0	30.2	15.6	314.5	315.4	0.3	11.0	22.6	66.
16.1	66.2	6042.6	475.0	-18.6	-41.9	239.1	34.5	29.6	17.7	314.9	315.6	0.2	10.7	24.7	66.
17.3	69.9	6442.6	450.0	-22.3	-44.6	234.8	45.7	37.3	26.3	315.1	315.7	0.2	11.0	27.4	65.
18.5	73.4	6860.9	425.0	-24.4	-45.2	228.9	45.8*	34.5	30.1	317.7	318.3	0.2	12.4	30.8	63.
19.9	77.3	7299.7	400.0	-27.2	-47.3	223.6	47.3*	32.6	34.2	319.6	320.1	0.1	12.6	34.4	61.
21.4	81.2	7762.9	375.0	-29.2	-48.8	221.1	51.5*	33.9	38.8	322.9	323.3	0.1	12.8	38.8	59.
23.0	85.3	8252.8	350.0	-32.5	-51.4	219.2	50.2*	31.7	38.9	324.8	325.2	0.1	13.1	43.6	57.
24.8	89.5	8770.9	325.0	-36.2	-54.2	222.6	51.0*	34.6	37.6	326.7	327.0	0.1	13.5	48.9	55.
26.6	94.0	9321.5	300.0	-40.0	99.9	219.9	54.8*	35.1	42.0	329.0	999.9	99.9	999.9	54.1	54.
28.6	98.6	9910.3	275.0	-44.4	99.9	218.0	53.3*	32.8	42.0	331.0	999.9	99.9	999.9	60.6	52.
30.4	103.4	10542.7	250.0	-48.8	99.9	220.3	52.4*	33.9	40.0	333.5	999.9	99.9	999.9	66.1	51.
32.6	108.8	11227.1	225.0	-53.4	99.9	221.9	63.8*	42.6	47.5	336.7	999.9	99.9	999.9	73.1	50.
35.0	114.3	11974.6	200.0	-59.1	99.9	226.5	51.2*	37.2	35.3	339.2	999.9	99.9	999.9	81.0	49.
37.4	120.0	12811.7	175.0	-58.9	99.9	225.8	40.0*	28.7	27.9	352.7	999.9	99.9	999.9	88.1	49.
40.4	126.5	13783.8	150.0	-56.1	99.9	236.0	43.9*	36.4	24.5	373.5	999.9	99.9	999.9	95.6	49.
44.3	134.0	14950.2	125.0	-54.8	99.9	228.2	30.4*	22.6	20.3	395.8	999.9	99.9	999.9	104.8	49.
48.0	141.0	16358.9	100.0	-62.7	99.9	151.6	4.4*	-2.1	3.9	406.5	999.9	99.9	999.9	107.9	49.
52.9	149.0	18093.9	75.0	-67.8	99.9	266.6	6.9*	6.9	0.4	430.9	999.9	99.9	999.9	110.6	49.
59.7	158.5	20611.0	50.0	-60.6	99.9	261.2	2.8*	2.7	0.4	500.7	999.9	99.9	999.9	112.7	48.
71.5	168.7	25038.7	25.0	-51.1	99.9	999.9	99.9	99.9	99.9	638.1	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. 327
NASHVILLE, TENN

27 APRIL 1975
1438 GMT

159 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	5.0	180.0	999.3	18.4	11.9	90.0	2.6	-2.6	0.0	292.8	316.0	8.8	66.0	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.
0.6	7.1	390.9	975.0	17.7	12.2	999.9	99.9	99.9	99.9	294.2	318.4	9.2	70.2	999.9	999.
1.4	9.6	616.2	950.0	22.1	11.9	999.9	99.9	99.9	99.9	300.9	326.0	9.3	52.3	999.9	999.
2.1	11.9	847.6	925.0	20.5	10.9	230.5	5.5	4.2	3.5	301.5	325.7	8.9	54.1	0.6	29.
2.8	14.4	1083.8	900.0	18.2	12.4	231.6	5.2	4.1	3.2	301.7	329.0	10.1	68.6	0.8	36.
3.7	16.9	1324.9	875.0	16.2	12.7	239.0	4.1	3.5	2.1	302.1	330.9	10.6	79.6	1.1	40.
4.5	19.6	1571.3	850.0	14.4	10.1	253.0	3.4	3.3	1.0	302.5	327.7	9.2	75.4	1.2	44.
5.3	22.0	1823.4	825.0	13.2	8.6	262.1	3.8	3.8	0.5	303.7	327.3	8.6	73.6	1.4	47.
6.1	24.7	2082.2	800.0	11.8	6.5	268.2	3.7	3.7	0.1	304.8	326.0	7.6	69.9	1.5	52.
6.9	27.2	2347.4	775.0	9.9	4.4	258.9	4.3	4.2	0.8	305.3	324.4	6.8	68.6	1.7	54.
7.7	30.0	2619.4	750.0	8.0	2.5	262.0	5.1	5.0	0.7	306.1	323.5	6.1	68.2	1.9	58.
8.6	32.9	2898.8	725.0	6.3	-1.5	263.9	5.3	5.3	0.6	307.0	320.7	4.7	57.2	2.2	61.
9.5	35.7	3185.9	700.0	4.4	-2.6	277.7	5.4	5.4	-0.7	307.9	321.1	4.5	60.3	2.4	64.
10.4	38.6	3482.7	675.0	5.8	-14.5	276.3	5.7	5.6	-0.6	312.4	318.1	1.8	21.4	2.7	69.
11.5	41.5	3790.5	650.0	3.7	-11.9	277.0	6.1	6.1	-0.7	313.4	320.7	2.4	30.9	3.0	71.
12.5	44.6	4107.4	625.0	1.0	-12.9	287.3	8.5	8.1	-2.5	313.9	320.9	2.3	34.6	3.4	75.
13.6	47.8	4434.0	600.0	-1.8	-10.8	293.4	9.8	9.0	-3.9	314.4	323.0	2.8	50.0	3.9	80.
14.6	50.8	4771.1	575.0	-4.5	-13.2	298.0	9.1	8.0	-4.3	314.9	322.4	2.4	50.7	4.4	85.
15.8	54.1	5119.5	550.0	-7.1	-14.0	311.6	10.1	7.6	-6.7	315.9	323.3	2.4	57.8	4.9	89.
17.0	57.4	5481.3	525.0	-9.1	-13.4	319.6	15.1	9.8	-11.5	317.7	325.9	2.6	71.2	5.6	96.
18.2	60.9	5857.3	500.0	-11.6	-16.3	324.6	18.1	10.5	-14.7	319.2	326.0	2.1	68.0	6.4	104.
19.5	64.6	6249.0	475.0	-13.9	-20.1	328.0	19.8	10.5	-16.8	320.9	326.1	1.6	59.3	7.7	112.
20.9	68.1	6657.8	450.0	-16.7	-23.4	323.4	17.4	10.3	-13.9	322.3	326.6	1.3	56.3	9.0	118.
22.3	71.7	7084.9	425.0	-19.8	-26.3	318.6	15.8	10.4	-11.8	323.6	327.2	1.0	56.3	10.2	121.
23.6	75.8	7532.0	400.0	-23.1	-30.6	309.1	15.8	12.2	-9.9	324.9	327.5	0.7	50.2	11.5	122.
25.2	79.8	8001.7	375.0	-26.3	-34.5	300.1	18.4	15.9	-9.2	326.8	328.7	0.5	45.2	13.0	122.
26.9	84.0	8496.8	350.0	-30.3	-39.6	304.7	22.8	18.8	-13.0	327.9	329.1	0.3	39.4	15.1	122.
28.7	88.2	9020.4	325.0	-33.7	-43.2	311.0	24.5	18.5	-16.0	330.2	331.1	0.3	37.3	17.6	123.
30.6	92.8	9577.3	300.0	-37.8	-49.1	314.8	22.0	15.6	-15.5	332.0	332.5	0.1	29.3	20.4	124.
32.8	97.8	10170.8	275.0	-43.0	99.9	322.8	19.3	11.7	-15.4	333.0	999.9	99.9	999.9	23.0	126.
34.9	102.6	10805.2	250.0	-48.6	99.9	324.4	21.7	12.7	-17.7	333.8	999.9	99.9	999.9	25.5	128.
37.3	108.0	11488.8	225.0	-54.6	99.9	323.5	26.3	15.6	-21.1	334.8	999.9	99.9	999.9	28.9	130.
40.0	113.8	12232.1	200.0	-60.7	99.9	313.2	30.1	22.0	-20.6	336.7	999.9	99.9	999.9	33.1	131.
42.7	119.8	13051.8	175.0	-66.8	99.9	306.0	35.9	29.0	-21.1	339.6	999.9	99.9	999.9	38.9	131.
45.6	126.3	13969.8	150.0	-73.0	99.9	313.2	23.7	17.3	-16.2	344.4	999.9	99.9	999.9	44.0	131.
49.5	133.3	15051.9	125.0	-67.7	99.9	306.5	25.4	20.4	-15.1	372.4	999.9	99.9	999.9	49.4	130.
54.1	140.0	16397.6	100.0	-66.5	99.9	317.7	26.8	18.1	-19.9	399.3	999.9	99.9	999.9	57.1	130.
60.1	147.0	18148.3	75.0	-62.8	99.9	352.0	10.7	1.5	-10.6	441.4	999.9	99.9	999.9	63.4	132.
68.0	154.7	20653.8	50.0	-59.9	99.9	54.5	5.6	-4.5	-3.2	502.6	999.9	99.9	999.9	64.6	134.
80.3	162.5	25110.4	25.0	-50.5	99.9	999.9	99.9	99.9	99.9	640.4	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

55

STATION NO. 340
LITTLE ROCK, ARK

27 APRIL 1975
1430 GMT

162 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	79.0	1007.5	22.2	19.4	170.0	4.1	-0.7	4.0	296.6	333.7	14.2	84.0	0.0	0.
0.2	5.9	144.2	1000.0	22.0	19.3	190.3	7.9	1.4	7.8	297.1	334.4	14.3	84.7	0.2	8.
0.7	8.1	364.1	975.0	20.2	18.6	191.0	9.6	1.8	9.4	297.4	333.9	14.0	90.2	0.3	10.
1.5	10.3	589.2	950.0	21.0	13.7	187.9	13.1	1.8	13.0	300.0	328.1	10.5	63.4	0.8	10.
2.2	12.4	820.7	925.0	21.9	8.7	187.7	14.7	2.0	14.6	302.7	323.9	7.7	42.8	1.4	9.
3.0	14.6	1058.1	900.0	20.6	7.1	186.1	14.8	1.6	14.7	303.7	323.4	7.1	41.6	2.1	8.
3.7	16.7	1300.7	875.0	18.7	6.9	184.1	15.0	1.1	15.0	304.2	324.2	7.2	46.1	2.8	7.
4.6	19.1	1549.0	850.0	17.5	4.6	187.4	14.0	1.8	13.8	305.3	323.0	6.3	42.4	3.6	7.
5.5	21.3	1803.7	825.0	16.2	4.4	189.0	12.6	2.0	12.5	306.6	324.7	6.4	45.4	4.2	7.
6.4	23.7	2064.5	800.0	14.1	3.4	186.6	13.1	1.5	13.0	307.0	324.4	6.1	48.3	5.0	7.
7.3	26.0	2331.3	775.0	11.8	3.9	188.3	13.5	1.9	13.3	307.4	326.1	6.6	58.3	5.7	7.
8.2	28.6	2605.2	750.0	10.5	-22.6	191.8	13.2	2.7	12.9	308.3	316.8	2.9	28.4	6.5	7.
9.1	31.1	2887.8	725.0	11.8	-42.7	202.3	11.5	4.3	10.6	312.4	312.8	0.1	1.0	7.1	8.
10.1	33.8	3180.3	700.0	10.5	-43.5	214.6	11.1	6.3	9.1	314.1	314.6	0.1	1.0	7.7	10.
11.1	36.3	3481.4	675.0	8.6	-44.7	223.6	9.6	6.6	7.0	315.2	315.6	0.1	1.0	8.3	12.
12.1	39.1	3791.6	650.0	6.5	-43.9	228.0	9.7	7.2	6.5	316.3	316.8	0.1	1.6	8.7	14.
13.1	41.8	4111.6	625.0	4.0	-21.6	237.3	10.2	8.5	5.5	317.1	320.7	1.1	13.3	9.2	16.
14.1	44.6	4441.7	600.0	1.4	-15.2	242.6	11.1	9.9	5.1	317.9	324.2	2.0	27.9	9.7	19.
15.2	47.6	4782.8	575.0	-1.4	-14.6	238.8	11.7	10.0	6.1	318.6	325.4	2.1	35.6	10.2	22.
16.2	50.6	5135.0	550.0	-4.6	-16.5	231.0	12.1	9.4	7.6	318.8	324.9	1.9	38.9	10.9	24.
17.4	53.6	5499.5	525.0	-7.5	-8.8	230.2	10.9	8.4	7.0	319.9	331.5	3.8	90.2	11.6	26.
18.6	56.6	5878.0	500.0	-10.0	-13.0	221.7	9.3	6.2	6.9	321.1	330.0	2.8	78.8	12.3	27.
20.0	60.0	6271.5	475.0	-12.8	-20.4	220.7	10.4	6.8	7.9	322.2	327.4	1.6	53.0	13.1	28.
21.4	63.5	6681.8	450.0	-15.6	-29.7	235.6	10.2	8.4	5.8	323.7	326.3	0.8	30.0	13.9	29.
22.9	66.9	7110.5	425.0	-18.5	-24.4	248.4	11.6	10.8	4.3	325.3	329.5	1.2	60.2	14.8	31.
24.3	70.5	7560.1	400.0	-21.8	-26.1	254.3	15.1	14.5	4.1	326.7	330.5	1.1	67.7	15.5	34.
25.8	74.3	8031.9	375.0	-25.6	-28.0	263.8	16.7	16.6	1.8	327.7	331.2	1.0	79.8	16.7	37.
27.4	78.4	8528.5	350.0	-29.6	-32.2	266.7	17.5	17.5	1.0	328.9	331.4	0.7	77.6	17.7	41.
29.1	82.4	9053.8	325.0	-32.5	-54.8	269.3	20.0	20.0	0.2	331.7	332.0	0.1	8.8	19.1	45.
30.8	86.8	9612.4	300.0	-37.2	-45.3	273.9	18.6	18.6	-1.3	332.9	333.7	0.2	42.1	20.6	49.
32.8	91.4	10208.6	275.0	-41.5	99.9	275.6	16.2	16.1	-1.6	335.1	999.9	99.9	999.9	22.0	53.
34.9	96.3	10848.2	250.0	-46.2	99.9	273.6	13.5	13.5	-0.8	337.4	999.9	99.9	999.9	23.4	56.
36.9	101.4	11538.5	225.0	-52.4	99.9	268.0	17.7	17.6	0.6	338.1	999.9	99.9	999.9	24.8	59.
39.4	107.3	12288.1	200.0	-58.9	99.9	263.7	24.7	24.6	2.7	339.5	999.9	99.9	999.9	27.9	62.
42.0	113.3	13112.6	175.0	-65.6	99.9	260.5	28.1	27.7	4.6	341.6	999.9	99.9	999.9	32.0	64.
45.1	120.0	14036.6	150.0	-71.0	99.9	263.7	27.8	27.6	3.0	347.8	999.9	99.9	999.9	36.8	66.
48.7	127.3	15138.4	125.0	-65.5	99.9	274.9	20.5	20.4	-1.8	376.4	999.9	99.9	999.9	41.5	70.
53.1	135.7	16495.3	100.0	-67.1	99.9	280.3	12.9	12.7	-2.3	398.2	999.9	99.9	999.9	45.3	72.
58.3	143.7	18219.1	75.0	-68.9	99.9	291.6	8.1	7.5	-3.0	428.6	999.9	99.9	999.9	48.2	73.
65.2	152.7	20685.7	50.0	-60.2	99.9	56.9	3.0	-2.5	-1.6	501.6	999.9	99.9	999.9	48.0	75.
75.7	162.0	25077.1	25.0	-51.6	99.9	75.3	6.1	-5.9	-1.6	636.2	999.9	99.9	999.9	45.4	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. 353
OKLAHOMA CITY OKC

27 APRIL 1975
1415 GMT

158 10. 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	8.8	392.0	963.4	21.7	18.9	160.0	10.3	-3.5	9.7	300.0	338.1	14.4	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	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	9.9	514.0	950.0	21.2	19.0	170.3	14.4	-2.4	14.2	300.7	339.7	14.7	87.3	0.5	350.
1.6	11.9	744.9	925.0	19.0	17.7	174.6	19.3	-1.8	19.2	300.6	337.7	14.0	92.2	1.5	351.
2.4	14.1	980.6	900.0	17.0	16.1	179.2	21.5	-0.3	21.5	300.8	335.3	12.9	94.4	2.6	353.
3.4	16.2	1221.3	875.0	15.8	14.8	186.5	24.2	2.7	24.0	301.8	334.7	12.3	94.2	3.9	356.
4.2	18.5	1467.9	850.0	14.5	13.6	198.9	25.1	8.1	23.7	302.9	334.4	11.6	94.0	5.1	0.
5.2	20.8	1720.9	825.0	13.6	12.5	208.3	26.0	12.3	22.9	304.5	334.8	11.1	92.9	6.5	6.
6.2	23.1	1980.3	800.0	12.5	10.5	204.7	33.0	13.8	30.0	305.8	333.6	10.1	87.7	8.2	11.
7.3	25.5	2247.9	775.0	12.3	11.0	207.4	29.3	13.5	26.0	308.5	338.3	10.7	91.5	10.3	14.
8.4	27.9	2522.9	750.0	11.0	10.0	210.9	24.2*	12.4	20.8	309.9	339.0	10.4	93.6	11.8	16.
9.6	30.5	2806.8	725.0	12.2	-7.6	212.1	25.9*	13.8	21.9	313.5	326.8	4.6	36.9	13.6	18.
10.7	33.2	3099.7	700.0	10.6	-9.5	205.6	23.3*	10.1	21.0	314.5	322.7	2.7	23.3	15.3	19.
11.9	35.7	3401.5	675.0	8.5	-2.2	202.1	20.4*	7.7	18.9	315.8	330.3	4.9	47.1	16.6	19.
13.0	38.4	3712.6	650.0	7.0	-17.9	201.9	23.6	8.8	21.9	317.1	321.7	1.4	14.9	18.2	20.
14.2	41.0	4033.1	625.0	4.9	-27.3	200.8	22.6	8.0	21.1	318.1	320.3	0.6	7.5	19.9	20.
15.5	43.9	4364.1	600.0	2.1	-28.1	203.8	25.2	10.1	23.0	318.6	320.8	0.6	8.6	21.6	20.
16.7	46.8	4705.7	575.0	-0.8	-29.1	206.5	23.0	10.3	20.6	319.1	321.2	0.6	9.5	23.4	20.
18.0	49.9	5058.2	550.0	-4.1	-29.0	205.9	24.0	10.5	21.6	319.3	321.4	0.6	12.2	25.3	21.
19.5	52.8	5423.5	525.0	-6.5	-30.7	206.0	22.7	9.9	20.4	320.6	322.6	0.6	12.5	27.3	21.
21.0	55.8	5801.7	500.0	-10.4	-27.2	198.9	27.8	9.0	26.3	320.4	323.1	0.8	24.0	29.6	21.
22.6	59.1	6193.8	475.0	-14.0	-27.5	201.9	26.4*	9.8	24.5	320.7	323.5	0.8	30.7	32.1	21.
24.3	62.7	6601.4	450.0	-17.5	-36.9	198.3	29.0*	9.1	27.5	321.3	322.6	0.4	16.7	35.0	21.
25.6	66.0	7027.3	425.0	-19.8	-50.2	199.5	29.3*	9.8	27.6	323.5	323.9	0.1	4.7	37.6	21.
27.4	69.9	7474.1	400.0	-23.1	-43.5	208.2	28.6*	13.5	25.2	325.0	325.7	0.2	13.5	40.6	21.
29.3	73.6	7943.8	375.0	-26.8	-45.9	217.6	28.2*	17.2	22.4	326.1	326.7	0.2	14.3	43.3	22.
31.3	77.7	8437.9	350.0	-30.7	-47.5	219.1	33.7*	21.3	26.1	327.2	327.8	0.1	17.4	47.0	23.
33.1	81.7	8960.2	325.0	-34.4	-41.6	222.9	37.4*	25.5	27.4	329.2	330.3	0.3	47.9	50.4	25.
34.9	86.0	9514.3	300.0	-39.2	-45.0	222.7	33.9*	23.0	24.9	330.0	330.9	0.2	53.9	54.4	26.
36.8	90.8	10106.1	275.0	-43.1	99.9	215.7	43.6*	25.5	35.4	332.8	999.9	99.9	999.9	58.5	27.
38.9	95.7	10741.0	250.0	-48.6	99.9	220.4	39.4*	25.5	30.0	333.8	999.9	99.9	999.9	63.7	28.
41.2	100.8	11424.0	225.0	-55.3	99.9	224.7	34.6*	24.3	24.6	333.8	999.9	99.9	999.9	69.1	29.
44.1	106.5	12168.7	200.0	-59.5	99.9	225.3	39.6*	28.1	27.8	338.5	999.9	99.9	999.9	74.7	30.
47.3	112.5	12991.7	175.0	-65.4	99.9	221.0	41.5*	27.3	31.3	342.1	999.9	99.9	999.9	83.0	31.
50.7	119.3	13928.9	150.0	-64.0	99.9	230.1	23.5*	18.1	15.1	359.8	999.9	99.9	999.9	88.1	32.
54.8	126.5	15053.2	125.0	-62.2	99.9	236.5	24.6*	20.5	13.6	382.3	999.9	99.9	999.9	94.8	33.
59.4	134.7	16421.3	100.0	-66.5	99.9	236.6	19.2*	16.0	10.6	399.4	999.9	99.9	999.9	100.0	35.
65.4	142.5	18154.9	75.0	-66.5	99.9	199.6	12.0*	4.0	11.3	433.6	999.9	99.9	999.9	103.1	35.
73.8	151.0	20648.5	50.0	-60.0	99.9	86.3	7.9	-7.9	-0.5	502.2	999.9	99.9	999.9	102.9	33.
86.5	159.7	25070.4	25.0	-52.5	99.9	133.0	5.6	-4.1	3.8	634.1	999.9	99.9	999.9	101.0	32.

* 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

27 APRIL 1975
1415 GMT

151 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
0.0	14.3	1095.0	881.1	19.4	16.4	200.0	11.3	3.9	10.6	305.2	341.8	13.5	83.0	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.
0.2	14.8	1155.0	875.0	18.8	16.3	201.0	11.2	4.0	10.5	305.1	341.6	13.5	85.5	0.3	13.
1.4	16.9	1404.1	850.0	17.0	15.3	201.3	14.6	5.3	13.6	305.7	341.2	13.0	89.8	1.1	19.
2.3	19.3	1658.6	825.0	14.4	12.5	206.4	17.5	7.8	15.7	305.3	336.1	11.2	88.9	2.0	21.
3.3	21.4	1918.8	800.0	14.5	2.8	222.8	18.0	12.3	13.2	307.4	324.2	5.9	45.3	3.0	25.
4.1	23.8	2186.9	775.0	13.3	-1.2	230.0	19.6	15.0	12.6	308.8	322.0	4.5	36.5	3.9	31.
5.1	26.0	2461.6	750.0	11.3	-4.1	232.0	17.4	13.7	10.7	309.3	320.4	3.8	33.8	5.0	35.
6.1	28.6	2743.5	725.0	8.8	-5.9	225.2	17.8	12.6	12.5	309.6	319.7	3.4	34.8	6.0	38.
7.2	31.2	3032.7	700.0	6.6	-7.8	217.5	22.6	13.8	17.9	310.2	319.3	3.0	34.7	7.3	38.
8.3	33.9	3330.2	675.0	4.9	-10.2	210.4	23.3	11.8	20.1	311.5	319.4	2.6	32.4	8.8	38.
9.4	36.3	3636.9	650.0	3.3	-10.3	207.4	25.5	11.7	22.6	313.1	321.3	2.7	36.0	10.4	36.
10.4	39.1	3954.0	625.0	1.4	-13.5	208.3	26.9	12.7	23.7	314.3	321.0	2.1	31.9	12.1	35.
11.6	41.8	4280.8	600.0	-1.7	-15.0	206.0	27.7	12.1	24.9	314.3	320.6	2.0	35.4	13.9	34.
12.6	44.7	4617.8	575.0	-4.4	-17.0	202.4	30.8	11.7	28.4	315.0	320.6	1.7	36.5	15.6	33.
13.6	47.8	4966.3	550.0	-7.1	-20.0	198.8	30.3	9.7	28.6	315.8	320.4	1.4	34.6	17.5	31.
14.7	50.7	5326.9	525.0	-10.5	-20.9	200.1	31.5	10.8	29.6	315.9	320.3	1.4	42.0	19.4	30.
15.9	53.8	5699.9	500.0	-14.2	-19.9	204.4	34.9	14.4	31.8	315.9	320.9	1.6	61.5	22.0	29.
17.3	56.9	6087.1	475.0	-17.1	-24.9	205.1	38.6	16.3	34.9	316.9	320.4	1.1	50.3	25.0	29.
18.8	60.3	6490.9	450.0	-19.4	-34.8	200.2	40.0	13.8	37.5	318.8	320.4	0.4	23.9	28.4	28.
20.3	63.9	6913.5	425.0	-22.1	-31.5	200.8	41.1*	14.6	38.4	320.7	323.0	0.7	43.0	31.9	27.
21.9	67.3	7356.5	400.0	-25.9	-27.3	202.6	36.6*	14.0	33.8	321.4	324.8	1.0	88.1	35.7	27.
23.4	71.0	7821.0	375.0	-28.3	-39.6	205.3	47.3*	20.2	42.8	324.1	325.2	0.3	32.4	39.7	26.
24.9	75.0	8312.4	350.0	-32.1	-38.4	205.0	38.9*	16.5	35.3	325.4	326.8	0.4	53.1	43.1	26.
26.6	79.0	8830.8	325.0	-36.6	-42.2	205.8	60.3*	26.2	54.3	326.2	327.3	0.3	55.3	46.3	26.
28.3	83.2	9379.8	300.0	-41.7	99.9	206.6	37.1*	16.6	33.1	326.5	999.9	99.9	999.9	53.8	26.
30.1	87.5	9965.7	275.0	-45.2	99.9	207.9	45.0*	21.1	39.8	329.7	999.9	99.9	999.9	57.4	26.
32.1	92.3	10595.2	250.0	-49.8	99.9	206.9	56.4*	25.5	50.3	332.0	999.9	99.9	999.9	64.5	26.
34.5	97.3	11276.7	225.0	-54.2	99.9	212.8	26.7*	14.5	22.5	335.5	999.9	99.9	999.9	70.5	26.
37.2	102.8	12026.6	200.0	-58.2	99.9	211.4	32.3*	16.8	27.6	340.6	999.9	99.9	999.9	75.4	27.
39.9	109.0	12864.1	175.0	-59.0	99.9	214.8	34.4*	19.6	28.2	352.6	999.9	99.9	999.9	80.1	27.
42.8	115.3	13828.6	150.0	-60.4	99.9	212.0	49.6*	26.3	42.0	366.0	999.9	99.9	999.9	88.3	28.
46.3	123.0	14964.5	125.0	-59.3	99.9	241.8	18.1*	15.9	8.6	387.6	999.9	99.9	999.9	95.8	29.
50.3	131.5	16345.5	100.0	-65.8	99.9	211.4	34.7*	18.1	29.6	400.7	999.9	99.9	999.9	96.9	29.
55.3	140.7	18101.2	75.0	-63.9	99.9	51.8	13.7*	-10.7	-8.4	439.0	999.9	99.9	999.9	98.6	29.
62.9	150.5	20622.8	50.0	-58.4	99.9	129.9	5.8	-4.4	3.7	506.0	999.9	99.9	999.9	99.4	28.
74.5	160.7	25066.1	25.0	-50.6	99.9	94.4	5.7	-5.6	0.4	639.6	999.9	99.9	999.9	96.7	26.

* 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

27 APRIL 1975
1415 GMT

143 10. 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	20.5	1619.0	831.8	5.4	-6.8	260.0	12.9	12.7	2.2	294.0	301.8	2.8	41.0	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	21.1	1686.2	825.0	4.4	-8.0	250.0	16.7	15.7	5.7	293.5	300.8	2.5	40.0	0.3	38.
1.3	23.4	1934.9	800.0	1.0	-10.4	249.0	21.5	20.1	7.7	292.5	298.7	2.2	42.3	1.4	79.
2.1	25.6	2189.2	775.0	-1.4	-10.3	255.7	17.7	17.1	4.4	292.6	299.0	2.3	50.7	2.2	77.
2.9	28.0	2449.3	750.0	-3.5	-13.3	250.3	20.0	18.8	6.7	293.0	298.2	1.8	46.5	3.1	76.
3.8	30.5	2716.8	725.0	-5.1	-19.6	243.5	16.9	15.2	7.5	294.0	297.4	1.1	30.7	4.1	74.
4.6	33.0	2991.2	700.0	-7.5	-17.4	241.7	18.6	16.4	8.8	294.4	298.5	1.4	44.5	5.0	72.
5.4	35.5	3273.1	675.0	-10.3	-17.1	228.9	17.0	12.8	11.2	294.3	298.6	1.5	57.1	5.8	70.
6.3	38.1	3562.6	650.0	-12.4	-18.0	220.4	18.3	11.9	14.0	295.1	299.3	1.4	62.9	6.7	66.
7.2	40.7	3861.2	625.0	-14.7	-24.1	219.4	18.0	11.4	13.9	295.7	298.4	0.9	44.2	7.6	62.
8.1	43.3	4168.9	600.0	-17.2	-27.2	224.9	17.4	12.3	12.3	296.3	298.4	0.7	41.2	8.4	60.
9.0	46.3	4486.4	575.0	-19.6	-34.0	230.9	19.8	15.3	12.5	297.0	298.2	0.4	26.3	9.4	59.
10.0	49.2	4815.4	550.0	-21.4	-41.2	231.5	24.4	19.1	15.2	298.7	299.3	0.2	14.7	10.7	58.
11.1	52.0	5156.6	525.0	-24.1	-45.3	228.7	27.8	20.9	18.4	299.4	299.9	0.1	11.9	12.4	57.
12.1	55.0	5510.5	500.0	-27.3	-46.5	224.7	31.2	22.0	22.2	299.8	300.2	0.1	14.0	14.2	56.
13.3	58.0	5878.5	475.0	-28.8	-47.7	221.1	43.2	28.4	32.6	302.2	302.6	0.1	14.1	16.7	54.
15.0	61.3	6266.8	450.0	-27.9	-40.0	217.6	58.0	35.4	46.0	308.1	309.0	0.3	30.3	22.0	50.
17.3	64.8	6676.5	425.0	-26.6	-47.1	207.8	56.5*	26.3	50.0	314.8	315.3	0.1	12.8	29.5	46.
18.7	68.1	7114.6	400.0	-27.5	-55.4	205.3	57.3*	24.5	51.8	319.1	319.3	0.0	5.0	34.2	43.
19.8	71.6	7575.1	375.0	-31.7	-57.9	206.8	59.4*	26.7	53.0	319.5	319.7	0.0	5.5	37.9	41.
21.1	75.4	8058.9	350.0	-35.8	-60.4	210.2	61.7*	31.1	53.3	320.4	320.5	0.0	5.9	42.2	40.
23.6	79.5	8576.6	325.0	-33.4	-58.9	202.5	62.1*	23.7	57.3	330.6	330.7	0.0	5.7	51.5	38.
25.3	83.4	9134.7	300.0	-37.1	-61.2	199.4	58.6*	19.5	55.3	333.0	333.1	0.0	6.1	56.6	36.
26.6	87.6	9729.7	275.0	-42.2	99.9	202.4	60.8*	23.2	56.2	334.1	999.9	99.9	999.9	61.8	35.
28.2	92.4	10366.9	250.0	-47.5	99.9	202.4	60.1*	22.9	55.5	335.5	999.9	99.9	999.9	66.7	34.
30.6	97.2	11057.1	225.0	-51.1	99.9	197.0	44.0*	12.9	42.1	340.3	999.9	99.9	999.9	75.3	32.
33.7	102.4	11821.3	200.0	-50.7	99.9	205.4	70.3*	30.1	63.5	352.6	999.9	99.9	999.9	85.4	31.
37.1	108.3	12702.6	175.0	-46.4	99.9	219.1	43.5*	27.4	33.7	373.3	999.9	99.9	999.9	93.9	31.
40.7	114.5	13717.8	150.0	-51.1	99.9	219.6	11.4*	7.3	8.8	382.0	999.9	99.9	999.9	97.3	31.
43.8	121.7	14895.7	125.0	-54.4	99.9	295.6	3.2*	2.9	-1.4	396.4	999.9	99.9	999.9	102.2	32.
47.9	129.7	16310.3	100.0	-60.4	99.9	206.2	14.0*	6.2	12.5	411.1	999.9	99.9	999.9	106.5	31.
53.2	138.0	18083.7	75.0	-61.8	99.9	26.9	14.5*	-6.5	-12.9	443.3	999.9	99.9	999.9	109.5	32.
61.4	147.0	20601.8	50.0	-57.8	99.9	183.6	13.1*	0.8	13.1	507.4	999.9	99.9	999.9	110.9	30.
74.2	157.0	25014.0	25.0	-51.6	99.9	85.9	5.9	-5.9	-0.4	636.3	999.9	99.9	999.9	109.5	29.

* 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

27 APRIL 1975
1415 GMT

163 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	6.5	268.0	978.1	23.3	20.1	160.0	7.7	-2.6	7.2	300.4	340.8	15.3	82.0	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.
0.1	6.8	295.8	975.0	23.0	19.6	167.8	9.7	-2.0	9.4	300.4	339.8	14.9	81.1	0.2	358.
1.0	9.1	522.4	950.0	20.9	18.0	179.2	15.2	-0.2	15.2	300.3	337.0	13.9	83.5	0.8	355.
1.8	11.3	753.3	925.0	19.0	17.8	185.3	18.0	1.7	17.9	300.6	337.8	14.0	92.8	1.6	359.
2.6	13.7	988.9	900.0	17.4	16.5	191.1	21.8	4.2	21.4	301.2	336.5	13.2	94.3	2.6	2.
3.6	15.9	1229.8	875.0	16.0	15.0	201.9	22.2	8.3	20.6	302.1	335.4	12.4	93.9	3.8	7.
4.5	18.4	1476.9	850.0	15.4	13.6	207.9	19.5	9.1	17.3	303.8	335.5	11.7	89.1	4.9	11.
5.4	20.8	1730.1	825.0	13.9	11.2	208.1	19.1	9.0	16.9	304.6	332.5	10.2	83.7	5.9	14.
6.3	23.3	1989.3	800.0	11.9	8.9	205.1	19.6	8.3	17.7	305.0	330.0	9.0	82.1	7.0	16.
7.3	25.8	2255.2	775.0	11.7	1.6	191.5	18.7	3.7	18.3	307.2	323.2	5.6	50.5	8.1	17.
8.3	28.4	2529.0	750.0	10.3	-1.1	187.4	19.0	2.4	18.9	308.4	322.1	4.7	44.9	9.2	15.
9.3	31.2	2810.6	725.0	9.7	-9.8	192.1	19.8	4.1	19.3	310.4	318.0	2.5	24.1	10.3	15.
10.3	34.0	3101.2	700.0	8.8	-1.5	203.1	22.0	8.7	20.3	312.8	327.4	4.9	48.6	11.6	15.
11.4	36.6	3402.0	675.0	7.2	-0.3	206.4	25.2	11.2	22.6	314.4	330.8	5.6	58.8	13.2	16.
12.6	39.6	3711.7	650.0	5.0	-0.6	205.4	25.9	11.1	23.4	315.3	332.0	5.6	66.9	15.1	17.
13.9	42.4	4031.0	625.0	2.7	-0.3	207.0	21.9	10.0	19.5	316.3	334.1	6.0	80.9	17.0	18.
15.3	45.5	4360.4	600.0	-0.0	-2.6	209.3	21.3	10.4	18.5	316.7	332.5	5.3	82.8	18.5	19.
16.5	48.6	4700.2	575.0	-2.6	-7.7	216.7	21.3	12.7	17.1	317.4	328.9	3.7	67.9	20.2	20.
17.9	51.5	5051.3	550.0	-5.2	-14.1	219.8	23.7	15.2	18.2	318.1	325.5	2.3	49.7	21.9	22.
19.4	54.8	5414.9	525.0	-8.3	-21.1	215.2	22.7	13.1	18.5	318.6	323.0	1.4	34.9	23.9	23.
20.8	57.9	5792.4	500.0	-10.4	-26.8	222.2	23.3	15.6	17.2	320.4	323.2	0.8	24.5	25.9	24.
22.4	61.3	6184.6	475.0	-13.9	-27.6	223.3	28.2	19.3	20.5	320.9	323.8	0.9	31.6	28.0	26.
23.8	64.9	6593.5	450.0	-16.1	-39.8	220.5	26.1	17.0	19.9	323.0	323.9	0.3	10.8	30.6	27.
25.5	68.3	7020.7	425.0	-20.2	-41.1	221.9	20.9	14.0	15.6	323.1	324.0	0.2	13.3	32.5	28.
27.0	71.8	7467.3	400.0	-23.5	-33.3	218.2	29.2	18.0	22.9	324.5	326.5	0.6	39.6	34.9	29.
28.7	75.7	7936.2	375.0	-26.7	-31.6	220.9	24.3	15.9	18.3	326.3	328.8	0.7	62.9	37.6	30.
30.5	79.8	8430.5	350.0	-30.5	-34.7	229.1	26.8	20.2	17.5	327.6	329.6	0.6	66.4	40.5	31.
32.4	83.8	8953.7	325.0	-33.8	-39.7	235.5	25.1	20.7	14.2	330.0	331.3	0.4	55.3	43.1	32.
34.4	88.2	9509.0	300.0	-38.9	99.9	236.4	24.5	20.4	13.5	330.5	999.9	99.9	999.9	45.8	34.
36.5	93.0	10099.4	275.0	-44.2	99.9	226.5	27.7	20.1	19.1	331.1	999.9	99.9	999.9	48.6	35.
38.8	97.8	10731.2	250.0	-49.8	99.9	227.1	21.1	15.5	14.4	332.0	999.9	99.9	999.9	51.9	36.
41.1	102.8	11411.3	225.0	-55.8	99.9	224.3	36.4	25.4	26.0	333.1	999.9	99.9	999.9	56.4	36.
43.5	108.5	12152.0	200.0	-60.4	99.9	239.8	21.1	18.2	10.6	337.1	999.9	99.9	999.9	60.0	37.
46.4	114.5	12971.6	175.0	-67.0	99.9	234.1	30.4	24.6	17.8	339.4	999.9	99.9	999.9	65.1	39.
49.6	121.3	13901.0	150.0	-66.0	99.9	235.5	27.2	22.4	15.4	356.4	999.9	99.9	999.9	70.0	40.
53.3	128.5	15023.2	125.0	-60.7	99.9	240.3	9.7	8.4	4.8	385.2	999.9	99.9	999.9	74.9	41.
57.9	136.7	16391.1	100.0	-65.6	99.9	243.4	14.7	13.1	6.6	400.9	999.9	99.9	999.9	77.7	42.
63.7	144.7	18148.5	75.0	-63.4	99.9	294.0	2.6	2.4	-1.1	440.0	999.9	99.9	999.9	79.1	43.
71.9	153.7	20674.7	50.0	-59.2	99.9	154.9	6.7	-2.8	6.0	504.1	999.9	99.9	999.9	77.1	42.
84.7	163.5	25094.0	25.0	-51.1	99.9	86.9	6.7	-6.7	-0.4	637.9	999.9	99.9	999.9	72.7	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. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
1433 GMT

165 18. 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	5.8	180.0	999.0	22.1	12.9	110.0	5.7	-5.4	1.9	296.6	321.7	9.4	56.0	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	7.8	390.5	975.0	19.6	12.5	146.4	7.8	-4.3	6.5	296.2	321.1	9.4	63.4	0.4	304.
1.6	9.8	614.4	950.0	19.8	12.2	171.1	8.9	-1.4	8.8	298.6	324.0	9.5	61.6	0.8	322.
2.5	11.8	844.6	925.0	19.6	13.4	180.7	7.4	0.1	7.4	300.7	329.1	10.6	67.7	1.2	336.
3.4	13.9	1080.2	900.0	17.6	12.6	188.4	5.2	0.8	5.2	301.1	328.8	10.3	72.2	1.5	341.
4.3	15.9	1320.9	875.0	16.1	11.5	207.3	4.7	2.1	4.2	301.8	328.5	9.8	74.3	1.7	346.
5.3	18.2	1567.2	850.0	14.3	9.4	217.8	5.8	3.6	4.6	302.3	326.4	8.8	72.6	1.9	353.
6.3	20.4	1819.3	825.0	12.8	8.4	217.9	5.7	3.5	4.5	303.3	326.5	8.5	74.6	2.2	0.
7.2	22.5	2077.4	800.0	10.8	7.0	221.5	4.4	2.9	3.3	303.7	325.7	7.9	77.5	2.4	4.
8.3	24.9	2341.5	775.0	8.7	4.2	228.9	2.0	1.5	1.3	304.0	322.8	6.7	73.4	2.6	7.
9.3	27.1	2612.9	750.0	7.6	3.9	260.7	1.0	1.0	0.2	305.7	324.9	6.8	77.5	2.6	8.
10.3	29.6	2892.0	725.0	5.9	2.9	301.2	1.9	1.6	-1.0	306.8	325.3	6.5	80.7	2.6	10.
11.5	32.2	3179.3	700.0	5.0	-3.0	324.9	4.8	2.8	-3.9	308.6	321.4	4.4	56.3	2.5	14.
12.6	34.8	3476.1	675.0	4.8	-11.0	335.3	6.8	2.8	-6.2	311.3	319.0	2.5	31.3	2.2	22.
13.7	37.2	3783.5	650.0	3.8	-13.8	344.5	7.0	1.9	-6.8	313.5	319.8	2.0	26.4	1.9	31.
14.8	40.0	4100.3	625.0	1.2	-15.4	342.0	8.2	2.5	-7.8	314.1	319.9	1.8	27.7	1.6	43.
16.0	42.6	4427.4	600.0	-1.3	-14.3	339.5	9.9	3.5	-9.3	314.8	321.4	2.1	36.7	1.4	67.
17.1	45.4	4764.9	575.0	-4.4	-15.8	334.6	11.1	4.8	-10.0	315.0	321.1	1.9	40.4	1.6	94.
18.4	48.4	5113.3	550.0	-7.2	-17.6	327.5	12.0	6.5	-10.1	315.7	321.2	1.7	43.4	2.2	114.
19.6	51.3	5475.1	525.0	-8.7	-14.6	338.0	13.5	5.1	-12.6	318.3	325.7	2.3	62.1	3.0	124.
20.9	54.4	5852.3	500.0	-10.4	-17.9	348.2	13.7	2.8	-13.4	320.5	326.5	1.9	54.1	3.9	135.
22.3	57.4	6244.8	475.0	-13.8	-20.0	348.3	12.1	2.4	-11.8	321.1	326.4	1.6	59.4	4.9	142.
23.7	60.8	6653.3	450.0	-16.9	-22.9	340.1	10.7	3.7	-10.1	322.1	326.5	1.3	59.3	5.7	146.
25.1	64.3	7079.8	425.0	-20.1	-26.8	331.4	11.4	5.5	-10.0	323.2	326.6	1.0	55.0	6.6	147.
26.6	67.7	7526.7	400.0	-23.2	-30.1	318.4	13.3	8.8	-10.0	324.8	327.5	0.8	53.2	7.7	147.
28.0	71.3	7996.3	375.0	-25.8	-36.0	315.9	16.9	11.8	-12.1	327.5	329.1	0.5	37.2	8.9	145.
29.6	75.3	8492.4	350.0	-29.7	-39.9	315.9	18.5	12.9	-13.3	328.6	329.9	0.3	36.3	10.7	144.
31.3	79.6	9016.4	325.0	-33.4	-44.8	311.7	19.8	14.8	-13.2	330.5	331.3	0.2	30.7	12.5	142.
33.0	83.8	9574.5	300.0	-37.3	-50.0	317.4	18.2	12.3	-13.4	332.7	333.2	0.1	24.9	14.5	141.
34.9	88.4	10169.1	275.0	-42.5	99.9	319.7	17.4	11.3	-13.3	333.7	999.9	99.9	999.9	16.5	141.
36.8	93.4	10804.8	250.0	-48.4	99.9	321.7	19.3	11.9	-15.1	334.1	999.9	99.9	999.9	18.6	141.
38.8	98.5	11490.0	225.0	-54.0	99.9	320.0	24.7	15.9	-18.9	335.8	999.9	99.9	999.9	21.3	141.
41.0	104.3	12235.1	200.0	-60.3	99.9	314.9	25.2	17.9	-17.8	337.4	999.9	99.9	999.9	24.4	141.
43.5	110.6	13056.2	175.0	-66.0	99.9	306.6	36.6	29.4	-21.8	341.1	999.9	99.9	999.9	29.1	139.
46.0	117.5	13979.0	150.0	-71.8	99.9	319.6	29.0	18.8	-22.1	346.4	999.9	99.9	999.9	34.0	138.
49.1	125.7	15056.4	125.0	-69.5	99.9	306.4	22.6	18.2	-13.4	369.2	999.9	99.9	999.9	38.5	137.
53.1	134.7	16398.9	100.0	-66.2	99.9	315.8	24.1	16.8	-17.3	399.8	999.9	99.9	999.9	44.3	136.
58.0	143.7	18126.2	75.0	-68.4	99.9	337.4	16.8	6.5	-15.5	429.6	999.9	99.9	999.9	50.5	137.
64.9	154.5	20608.3	50.0	-62.5	99.9	52.7	9.3	-7.4	-5.6	496.3	999.9	99.9	999.9	52.3	139.
75.6	166.0	25017.5	25.0	-51.3	99.9	113.4	3.7	-3.4	1.5	637.3	999.9	99.9	999.9	50.7	142.

* 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

27 APRIL 1975
1456 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	362.0	965.8	22.5	19.3	150.0	10.3	-5.2	8.9	300.6	339.7	14.8	82.0	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.
0.7	10.4	505.9	950.0	21.3	18.5	162.7	15.4	-4.6	14.7	300.7	338.7	14.3	84.0	0.6	342.
1.4	12.7	737.1	925.0	19.6	17.7	170.8	19.2	-3.1	18.9	301.2	338.3	13.9	88.7	1.3	344.
2.2	15.2	973.2	900.0	17.6	16.1	180.6	22.2	0.2	22.1	301.4	336.0	13.0	90.9	2.3	349.
3.3	17.5	1214.2	875.0	15.9	14.6	190.1	23.6	4.1	23.2	301.9	334.4	12.1	92.3	3.7	356.
4.2	20.0	1460.6	850.0	14.6	13.3	196.3	25.0	7.0	24.0	302.9	333.8	11.4	92.1	5.1	0.
5.3	22.3	1713.7	825.0	13.9	12.6	203.2	23.6	9.3	21.7	304.7	335.3	11.2	92.0	6.4	5.
6.6	25.0	1973.7	800.0	13.2	12.0	222.2	20.8	14.0	15.4	306.7	337.4	11.1	92.4	8.3	10.
7.8	27.3	2241.6	775.0	12.3	11.1	219.5	23.7	15.1	18.3	308.5	338.6	10.8	92.2	9.7	15.
8.8	30.1	2516.6	750.0	9.9	3.2	214.7	25.9	14.8	21.3	308.2	327.2	6.7	64.7	11.2	18.
9.8	32.9	2798.6	725.0	11.3	-6.8	210.0	25.7	12.8	22.3	312.2	321.8	3.2	27.4	12.6	20.
10.7	35.5	3092.1	700.0	11.4	-6.7	205.3	25.5	10.9	23.0	315.5	325.6	3.3	27.4	14.1	20.
11.8	38.3	3394.7	675.0	9.5	-10.0	202.2	24.3	9.2	22.5	316.7	324.9	2.7	24.0	15.7	21.
12.9	41.0	3706.1	650.0	6.8	-12.2	197.7	22.8	6.9	21.7	316.9	324.2	2.3	24.1	17.2	21.
14.1	44.0	4026.4	625.0	4.2	-17.8	195.6	22.9	6.1	22.1	317.5	322.3	1.5	18.3	18.9	20.
15.4	47.1	4356.6	600.0	1.1	-15.1	196.3	23.0	6.5	22.1	317.6	323.9	2.0	28.4	20.5	20.
16.8	50.2	4697.2	575.0	-1.6	-27.0	198.6	25.1	8.1	23.7	318.2	320.7	0.8	12.7	22.6	20.
18.1	53.2	5049.4	550.0	-4.2	-31.7	205.7	26.9	11.7	24.3	319.2	320.9	0.5	9.6	24.6	20.
19.4	56.3	5413.8	525.0	-7.6	-25.4	212.5	25.6	13.8	21.6	319.4	322.5	0.9	22.4	26.7	21.
20.8	59.5	5791.3	500.0	-11.0	-25.3	220.0	27.2	17.5	20.8	319.8	323.0	1.0	29.6	28.9	22.
22.2	63.0	6182.9	475.0	-13.9	-41.9	218.4	24.2	15.0	19.0	320.8	321.5	0.2	7.2	30.9	23.
23.8	66.4	6592.1	450.0	-16.1	-60.2	207.8	25.3	11.8	22.3	322.9	323.0	0.0	1.0	33.1	24.
25.1	70.0	7019.5	425.0	-19.3	-57.9	207.7	29.2	13.5	25.8	324.1	324.3	0.0	1.7	35.3	24.
26.7	73.7	7466.8	400.0	-23.1	-52.5	208.3	28.9	13.7	25.5	324.9	325.2	0.1	5.4	38.1	24.
28.1	77.7	7935.8	375.0	-27.3	-39.0	212.2	27.1	14.4	22.9	325.5	326.7	0.3	31.6	40.5	25.
29.8	81.5	8428.6	350.0	-31.5	-43.5	209.6	26.8	13.3	23.3	326.2	327.0	0.2	29.3	43.1	25.
31.4	85.6	8948.5	325.0	-35.9	-43.8	210.0	27.2	13.6	23.6	327.1	328.0	0.2	43.6	45.8	25.
33.3	90.0	9499.0	300.0	-40.3	99.9	213.8	24.8	13.8	20.7	328.5	999.9	99.9	999.9	48.7	26.
35.4	94.8	10087.9	275.0	-44.0	99.9	218.8	25.7	16.1	20.0	331.5	999.9	99.9	999.9	51.7	26.
37.5	99.6	10719.0	250.0	-50.2	99.9	218.5	26.9	16.7	21.1	331.5	999.9	99.9	999.9	55.0	27.
39.7	104.5	11398.6	225.0	-55.7	99.9	219.7	27.7	17.7	21.3	333.1	999.9	99.9	999.9	58.5	28.
42.1	110.0	12142.1	200.0	-60.0	99.9	233.9	30.7	24.8	18.1	337.8	999.9	99.9	999.9	62.4	29.
44.5	115.8	12962.7	175.0	-66.0	99.9	229.6	30.4	23.1	19.7	341.1	999.9	99.9	999.9	66.6	31.
47.2	122.3	13907.7	150.0	-61.2	99.9	221.6	31.1	20.7	23.2	364.6	999.9	99.9	999.9	71.4	32.
50.6	129.3	15033.9	125.0	-62.3	99.9	225.5	29.6	21.2	20.8	382.3	999.9	99.9	999.9	77.2	32.
54.2	136.8	16401.8	100.0	-65.9	99.9	222.0	31.3	21.0	23.3	400.4	999.9	99.9	999.9	84.1	34.
58.9	144.3	18138.9	75.0	-65.9	99.9	999.9	99.9	99.9	99.9	434.8	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

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27 April 1975

1800 GMT

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STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
1802 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.8	44.0	1012.8	30.6	16.6	180.0	4.1	0.0	4.1	304.3	336.5	11.8	43.0	0.0	0.
0.4	4.8	157.6	1000.0	29.1	16.2	140.2	4.4	-2.8	3.4	303.8	335.5	11.7	45.7	0.1	10.
1.0	6.8	382.2	975.0	26.4	14.6	152.2	5.0	-2.3	4.4	303.2	332.5	10.8	48.2	0.3	346.
1.7	9.0	610.7	950.0	24.1	13.7	145.1	4.8	-2.7	3.9	303.1	331.5	10.5	52.3	0.5	341.
2.9	11.0	843.5	925.0	21.6	13.4	137.1	4.0	-2.7	2.9	302.8	331.4	10.5	59.6	0.7	328.
3.8	13.3	1080.8	900.0	19.4	12.8	162.4	5.3	-1.6	5.0	302.9	331.1	10.4	65.6	1.0	330.
4.6	15.5	1322.9	875.0	17.3	13.0	176.0	4.2	-0.3	4.2	303.2	332.8	10.9	75.0	1.2	334.
5.5	17.6	1570.1	850.0	15.2	11.5	176.9	4.5	-0.2	4.5	303.4	330.9	10.1	78.4	1.4	337.
6.7	20.1	1822.9	825.0	13.4	10.9	192.8	3.7	0.8	3.6	304.1	331.4	10.0	84.5	1.7	342.
8.0	22.2	2082.0	800.0	11.4	9.7	197.5	2.7	0.8	2.6	304.6	330.7	9.5	89.0	1.9	347.
9.2	24.7	2347.3	775.0	9.6	7.2	230.7	2.0	1.5	1.3	305.2	328.1	8.3	84.7	2.0	348.
10.3	27.0	2619.4	750.0	8.0	4.9	263.8	3.2	3.2	0.3	306.3	326.7	7.3	80.3	2.1	353.
11.4	29.6	2899.3	725.0	6.7	2.8	279.4	4.[illegible]	3.9	-0.7	307.6	326.1	6.5	76.5	2.0	0.
12.5	32.0	3186.9	700.0	4.9	0.8	288.4	4.3	4.1	-1.3	308.7	325.4	5.8	74.8	2.0	8.
13.7	34.7	3482.8	675.0	2.6	-2.3	295.1	4.5	4.0	-1.9	309.2	323.2	4.8	70.2	1.9	17.
14.8	37.1	3787.8	650.0	2.2	-19.7	319.7	2.7	1.7	-2.0	311.5	315.6	1.3	18.6	1.9	26.
16.1	39.9	4103.6	625.0	0.9	-18.2	332.4	2.5	1.2	-2.2	313.6	318.3	1.5	22.3	1.8	28.
17.5	42.5	4430.3	600.0	-0.8	-27.2	307.5	5.5	4.4	-3.3	315.2	317.5	0.7	11.4	1.7	39.
18.9	45.4	4768.4	575.0	-3.3	-34.5	312.8	7.2	5.3	-4.9	316.2	317.4	0.4	6.8	1.8	57.
20.3	48.4	5118.5	550.0	-5.4	-36.3	308.7	7.2	5.6	-4.5	317.7	318.8	0.3	6.7	2.1	74.
21.8	51.3	5482.0	525.0	-7.0	-43.9	312.7	8.0	5.9	-5.4	320.0	320.6	0.2	3.7	2.5	86.
23.2	54.4	5861.0	500.0	-9.4	-39.7	319.4	8.4	5.5	-6.4	321.6	322.5	0.2	6.3	3.0	97.
24.7	57.4	6254.7	475.0	-12.7	-54.8	332.0	9.8	4.6	-8.7	322.1	322.3	0.0	1.5	3.6	106.
26.1	60.9	6665.0	450.0	-15.1	-54.9	344.4	12.6	3.4	-12.1	324.2	324.4	0.0	1.8	4.2	117.
27.6	64.3	7094.6	425.0	-18.1	-53.2	354.3	14.4	1.4	-14.4	325.7	326.0	0.1	3.2	5.1	128.
29.6	67.7	7545.4	400.0	-20.7	-43.9	358.4	14.8	0.4	-14.8	328.0	328.7	0.2	10.4	6.3	139.
31.5	71.2	8019.3	375.0	-24.1	-46.7	351.7	16.0	2.3	-15.8	329.6	330.2	0.1	10.2	7.8	147.
33.3	75.2	8518.0	350.0	-28.2	-49.6	348.5	17.7	3.5	-17.4	330.7	331.1	0.1	10.7	9.5	152.
35.2	79.3	9045.3	325.0	-32.1	-50.7	334.7	18.3	7.8	-16.6	332.4	332.8	0.1	13.7	11.5	153.
37.1	83.4	9604.7	300.0	-36.9	-54.4	329.7	19.6	9.9	-16.9	333.2	333.5	0.1	14.2	13.7	153.
39.0	87.8	10200.3	275.0	-41.9	99.9	336.0	22.2	9.0	-20.2	334.6	999.9	99.9	999.9	16.2	153.
41.0	92.6	10837.9	250.0	-47.4	99.9	338.9	22.6	8.2	-21.1	335.6	999.9	99.9	999.9	18.8	153.
43.2	97.6	11526.5	225.0	-52.6	99.9	343.6	28.5	8.0	-27.3	338.0	999.9	99.9	999.9	22.3	155.
45.7	103.2	12276.4	200.0	-58.9	99.9	341.4	29.4	9.4	-27.9	339.5	999.9	99.9	999.9	26.5	156.
48.4	109.3	13103.3	175.0	-64.6	99.9	332.8	35.6	16.3	-31.7	343.3	999.9	99.9	999.9	32.1	156.
51.3	115.8	14028.8	150.0	-71.6	99.9	325.3	31.4	17.9	-25.8	346.7	999.9	99.9	999.9	37.9	155.
54.9	123.7	15115.3	125.0	-67.1	99.9	322.0	31.3	19.3	-24.6	373.6	999.9	99.9	999.9	43.8	153.
59.3	132.0	16466.5	100.0	-67.0	99.9	319.4	25.8	16.8	-19.5	398.3	999.9	99.9	999.9	52.2	151.
65.3	141.5	18200.4	75.0	-68.1	99.9	327.9	10.6	5.6	-9.0	430.1	999.9	99.9	999.9	59.7	150.
73.9	152.0	20702.2	50.0	-60.0	99.9	9.8	6.6	-1.1	-6.5	502.2	999.9	99.9	999.9	62.8	151.
87.7	163.5	25161.6	25.0	-49.5	99.9	21.4	3.1	-1.1	-2.8	642.7	999.9	99.9	999.9	62.8	150.

* 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. 232
BOOTHVILLE, LA

27 APRIL 1975
1715 GMT

153 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	5.1	1.0	1018.7	25.6	21.3	120.0	4.6	-4.0	2.3	299.3	340.9	15.9	77.0	0.0	0.
0.7	6.4	163.6	1000.0	22.3	18.4	125.8	6.4	-5.2	3.8	297.2	332.6	13.5	78.9	0.3	303.
1.7	8.4	383.7	975.0	20.4	17.9	137.4	6.3	-4.2	4.6	297.5	332.6	13.4	85.6	0.7	307.
2.7	10.4	608.6	950.0	20.0	13.7	153.5	9.0	-4.0	8.0	298.9	326.9	10.5	67.4	1.1	315.
3.6	12.3	838.7	925.0	19.7	9.3	159.7	9.2	-3.2	8.6	300.5	322.6	8.1	51.6	1.6	322.
4.5	14.4	1074.1	900.0	18.3	6.8	168.9	8.9	-1.7	8.7	301.3	320.4	6.9	47.3	2.0	327.
5.5	16.3	1314.9	875.0	16.4	8.0	170.5	8.2	-1.4	8.1	301.8	323.1	7.8	57.8	2.5	332.
6.5	18.5	1561.4	850.0	15.5	4.3	161.5	8.4	-2.7	8.0	303.2	320.5	6.2	47.5	3.0	334.
7.7	20.6	1814.8	825.0	15.7	-1.3	152.6	9.4	-4.3	8.3	305.8	318.2	4.3	31.4	3.6	335.
8.8	22.9	2075.0	800.0	14.1	0.1	152.2	6.0	-2.8	5.3	306.9	320.8	4.8	38.2	4.1	334.
9.8	25.2	2342.2	775.0	12.5	-2.7	146.3	5.2	-2.9	4.3	307.8	319.7	4.1	34.6	4.5	334.
10.8	27.3	2616.4	750.0	10.9	-8.3	131.9	4.6	-3.4	3.1	308.7	315.9	2.7	25.2	4.8	333.
12.0	29.8	2898.1	725.0	9.9	-15.5	122.2	3.7	-3.2	2.0	310.5	315.4	1.6	15.0	5.0	332.
13.1	32.3	3188.3	700.0	8.1	-22.2	88.2	2.2	-2.2	-0.1	311.6	314.6	0.9	9.5	5.2	330.
14.3	34.9	3487.5	675.0	7.3	-18.7	55.0	4.3	-3.5	-2.4	313.9	318.1	1.3	13.6	5.2	328.
15.5	37.2	3797.0	650.0	5.7	-19.0	57.7	5.9	-5.0	-3.1	315.5	319.7	1.3	14.9	5.2	324.
16.8	39.9	4116.5	625.0	3.7	-17.7	44.4	7.1	-5.0	-5.1	316.9	321.7	1.5	19.0	5.2	319.
18.1	42.4	4446.3	600.0	1.1	-17.6	41.2	8.9	-5.8	-6.7	317.5	322.7	1.6	23.8	5.1	312.
19.3	45.3	4786.8	575.0	-1.5	-21.2	30.2	9.8	-4.9	-8.5	318.4	322.5	1.3	21.1	5.2	304.
20.7	48.3	5139.8	550.0	-3.2	-20.2	5.2	8.9	-0.8	-8.9	320.5	325.0	1.4	25.4	5.0	295.
22.1	51.0	5506.5	525.0	-5.1	-22.8	27.0	6.8	-3.1	-6.0	322.4	326.3	1.2	23.2	4.9	288.
23.6	54.1	5867.7	500.0	-8.0	-22.4	23.3	8.8	-3.5	-8.1	323.4	327.6	1.3	30.3	5.2	280.
25.1	57.1	6284.7	475.0	-10.2	-28.1	3.4	8.9	-0.5	-8.8	325.4	328.1	0.8	21.5	5.2	271.
26.7	60.4	6698.8	450.0	-13.5	-35.4	339.1	9.2	3.3	-8.6	326.2	327.7	0.4	13.9	5.1	261.
28.2	63.9	7130.6	425.0	-16.8	-42.6	321.6	11.8	7.3	-9.3	327.4	328.2	0.2	8.5	4.8	251.
29.8	67.3	7583.5	400.0	-19.4	-43.1	322.8	11.8	7.1	-9.4	329.8	330.6	0.2	10.3	4.5	237.
31.5	70.9	8059.7	375.0	-23.3	-41.4	319.9	14.3	9.2	-10.9	330.7	331.7	0.3	17.0	4.6	221.
33.4	74.8	8560.3	350.0	-27.5	-42.8	328.4	13.6	7.1	-11.6	331.7	332.6	0.2	21.5	5.2	203.
35.4	79.0	9089.3	325.0	-31.7	-44.0	320.3	10.7	6.8	-8.2	332.9	333.8	0.2	28.1	6.1	191.
37.3	83.0	9650.2	300.0	-36.2	-45.9	314.5	11.9	8.5	-8.4	334.3	335.1	0.2	35.4	6.8	183.
39.5	87.5	10248.3	275.0	-41.0	99.9	304.8	15.4	12.7	-8.8	335.9	999.9	99.9	999.9	8.1	173.
41.8	92.4	10889.2	250.0	-46.2	99.9	310.7	15.5	11.8	-10.1	337.4	999.9	99.9	999.9	9.7	163.
44.3	97.5	11581.3	225.0	-52.0	99.9	295.4	14.7	13.3	-6.3	338.9	999.9	99.9	999.9	11.6	157.
47.1	103.0	12333.6	200.0	-58.1	99.9	295.0	17.2	15.6	-7.3	340.7	999.9	99.9	999.9	13.6	149.
49.9	109.0	13162.8	175.0	-64.7	99.9	288.6	24.0	22.8	-7.7	343.1	999.9	99.9	999.9	16.6	142.
53.0	115.5	14090.6	150.0	-69.5	99.9	295.0	28.9	26.2	-12.2	350.5	999.9	99.9	999.9	21.0	135.
56.8	122.8	15184.0	125.0	-66.7	99.9	300.6	24.3	20.9	-12.3	374.2	999.9	99.9	999.9	26.9	131.
61.2	130.7	16522.5	100.0	-70.2	99.9	300.2	14.3	12.4	-7.2	392.1	999.9	99.9	999.9	33.7	129.
66.5	139.0	18219.5	75.0	-71.8	99.9	279.9	2.6	2.5	-0.4	422.5	999.9	99.9	999.9	32.8	127.
74.5	147.7	20673.8	50.0	-60.0	99.9	163.9	1.1	-0.3	1.0	502.3	999.9	99.9	999.9	32.0	129.
87.1	156.3	25121.1	25.0	-50.7	99.9	999.9	99.9	99.9	99.9	639.3	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

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STATION NO. 240
LAKE CHARLES, LA

27 APRIL 1975
1715 GMT

159 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	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	5.0	1015.7	27.2	21.7	140.0	7.2	-4.6	5.5	301.2	344.5	16.4	72.0	0.0	0.
0.5	4.7	142.9	1000.0	25.3	19.6	152.0	11.3	-5.3	10.0	300.4	338.9	14.5	70.6	0.4	329.
1.1	6.6	365.4	975.0	23.1	19.3	151.3	10.9	-5.2	9.6	300.4	339.3	14.7	79.4	0.7	331.
1.8	8.8	592.0	950.0	20.8	19.1	148.0	11.1	-5.9	9.4	300.3	339.6	14.9	90.1	1.2	331.
2.6	10.9	822.8	925.0	19.5	16.1	147.7	11.5	-6.1	9.7	301.0	334.5	12.6	80.6	1.7	329.
3.5	13.2	1057.8	900.0	19.0	9.1	149.6	12.1	-6.1	10.4	302.2	324.6	8.2	52.8	2.3	329.
4.3	15.4	1299.7	875.0	18.1	5.6	158.1	12.3	-4.6	11.4	303.5	321.8	6.5	43.6	2.9	330.
5.2	17.6	1547.6	850.0	16.9	6.8	163.7	10.8	-3.0	10.3	304.8	325.3	7.3	51.5	3.5	332.
6.0	20.1	1801.6	825.0	15.7	2.2	167.7	11.0	-2.3	10.8	305.9	321.5	5.5	40.2	4.1	334.
7.0	22.3	2062.2	800.0	14.3	-0.2	174.1	10.1	-1.0	10.1	307.1	320.8	4.7	36.9	4.7	336.
8.0	24.8	2329.4	775.0	12.7	-2.7	187.3	9.8	1.2	9.7	308.0	319.9	4.1	34.2	5.2	338.
8.9	27.1	2604.1	750.0	11.7	-8.3	199.7	10.1	3.4	9.5	309.7	317.9	2.7	23.8	5.7	342.
10.0	29.7	2887.5	725.0	11.5	-16.5	191.7	10.0	2.0	9.8	312.3	316.9	1.5	12.7	6.2	346.
11.1	32.3	3180.1	700.0	11.8	-17.6	170.8	9.8	-1.6	9.7	315.7	320.1	1.4	11.2	6.8	347.
12.2	35.0	3483.4	675.0	10.8	-17.4	168.9	9.9	-1.9	9.7	317.9	322.5	1.4	12.1	7.5	347.
13.0	37.0	3796.4	650.0	8.8	-15.7	165.2	7.9	-2.0	7.6	319.1	324.6	1.7	15.9	8.0	347.
14.3	40.3	4119.0	625.0	5.9	-13.1	145.7	6.9	-3.9	5.7	319.5	326.6	2.3	24.4	8.4	346.
15.5	43.0	4451.1	600.0	2.6	-9.3	146.8	7.7	-4.2	6.4	319.5	329.3	3.1	41.1	8.9	345.
16.7	45.9	4793.8	575.0	-0.4	-10.8	149.8	7.7	-3.9	6.7	319.9	329.1	2.9	45.2	9.5	344.
18.0	48.9	5147.4	550.0	-3.3	-16.0	158.6	8.5	-3.1	8.0	320.4	326.8	2.0	36.6	10.1	343.
19.3	51.8	5513.9	525.0	-5.7	-20.7	178.5	7.7	-0.2	7.7	321.7	326.3	1.4	29.7	10.8	343.
20.6	54.7	5894.8	500.0	-7.9	-33.6	209.8	6.7	3.3	5.9	323.4	325.0	0.4	10.4	11.2	345.
21.9	57.7	6291.4	475.0	-10.5	-28.7	234.5	8.9	7.3	5.2	325.0	327.6	0.8	21.1	11.5	348.
23.3	61.0	6704.9	450.0	-13.7	-31.5	236.9	10.0	8.4	5.5	326.0	328.1	0.6	20.5	11.8	351.
24.8	64.5	7137.6	425.0	-16.1	-42.2	241.4	10.4	9.1	5.0	328.2	329.0	0.2	8.4	12.2	355.
26.3	67.9	7591.7	400.0	-18.9	-46.7	239.0	8.5	7.3	4.4	330.4	330.9	0.1	6.5	12.6	359.
28.0	71.4	8068.2	375.0	-23.3	-48.8	230.5	11.5	8.9	7.3	330.7	331.2	0.1	7.5	13.2	2.
29.7	75.3	8569.2	350.0	-27.2	-47.6	241.0	14.1	12.3	6.9	331.9	332.5	0.1	12.5	14.0	7.
31.7	79.3	9097.8	325.0	-32.1	-43.4	245.0	13.5	12.2	5.7	332.4	333.3	0.2	31.9	15.0	12.
33.7	83.3	9658.3	300.0	-35.6	-41.0	247.4	14.2	13.1	5.5	335.1	336.4	0.3	57.4	16.1	17.
35.9	87.6	10257.9	275.0	-40.0	99.9	248.6	19.3	18.0	7.0	337.2	999.9	99.9	999.9	17.5	22.
38.3	92.4	10901.4	250.0	-45.2	99.9	258.3	19.0	18.6	3.8	338.9	999.9	99.9	999.9	19.2	29.
40.8	97.2	11597.1	225.0	-50.0	99.9	267.9	23.4	23.4	0.9	341.9	999.9	99.9	999.9	21.3	36.
43.4	102.4	12357.9	200.0	-55.5	99.9	266.6	22.6	22.5	1.3	345.0	999.9	99.9	999.9	23.8	43.
46.4	108.3	13197.2	175.0	-62.0	99.9	281.4	25.2	24.7	-5.0	347.7	999.9	99.9	999.9	26.7	50.
49.7	114.7	14137.8	150.0	-67.2	99.9	279.9	37.4	36.8	-6.4	354.3	999.9	99.9	999.9	31.3	60.
53.6	121.7	15229.7	125.0	-66.3	99.9	269.6	23.0	23.0	0.2	374.9	999.9	99.9	999.9	37.1	65.
58.1	129.7	16574.1	100.0	-69.2	99.9	263.0	13.0	12.9	1.6	394.1	999.9	99.9	999.9	40.8	67.
64.0	138.0	18292.5	75.0	-67.3	99.9	163.4	6.0	-1.7	5.7	431.8	999.9	99.9	999.9	43.0	66.
72.3	147.3	20780.6	50.0	-59.1	99.9	239.7	2.5	2.1	1.3	504.4	999.9	99.9	999.9	42.6	64.
84.9	157.0	25241.8	25.0	-48.3	99.9	228.9	4.6	3.5	3.0	645.8	999.9	99.9	999.9	40.7	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. 235
JACKSON, MISS

27 APRIL 1975
1715 GMT

156 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
0.0	4.1	100.0	1006.7	27.2	20.0	180.0	5.1	0.0	5.1	301.8	341.3	14.9	65.0	0.0	0.
0.3	4.7	159.1	1000.0	25.5	18.8	161.4	4.6	-1.5	4.4	300.5	337.2	13.8	65.6	0.1	359.
1.0	6.5	381.2	975.0	22.8	18.2	152.0	4.0	-1.9	3.6	299.9	336.0	13.6	75.3	0.3	346.
1.6	8.7	607.2	950.0	20.4	17.6	157.3	4.6	-1.8	4.2	299.7	335.4	13.5	84.1	0.4	341.
2.3	10.7	837.8	925.0	18.9	16.6	159.7	6.8	-2.4	6.4	300.4	335.0	13.0	86.5	0.6	341.
3.1	12.8	1073.4	900.0	18.2	13.2	160.1	9.9	-3.4	9.4	301.7	330.6	10.7	72.8	1.1	340.
4.0	15.1	1314.5	875.0	16.5	10.9	163.8	8.8	-2.4	8.4	302.2	327.8	9.4	69.3	1.6	340.
4.9	17.2	1561.0	850.0	14.8	8.9	170.0	8.6	-1.5	8.5	302.8	326.1	8.5	67.5	2.0	342.
5.8	19.5	1813.4	825.0	13.6	4.5	172.9	8.1	-1.0	8.0	303.8	321.9	6.4	54.2	2.5	344.
6.6	21.7	2072.2	800.0	12.2	1.1	180.0	6.7	0.0	6.7	304.8	319.6	5.2	46.9	2.8	345.
7.5	24.1	2337.2	775.0	10.2	0.8	178.9	6.1	-0.1	6.1	305.5	320.5	5.3	52.1	3.2	347.
8.6	26.4	2610.5	750.0	11.4	-9.7	168.6	4.9	-1.0	4.8	309.2	316.6	2.4	21.7	3.5	348.
9.6	28.9	2893.3	725.0	11.1	-10.7	152.5	5.4	-2.5	4.8	312.0	319.2	2.3	20.5	3.8	347.
10.6	31.4	3185.7	700.0	10.3	-9.1	146.6	5.5	-3.1	4.6	314.2	322.7	2.8	24.6	4.2	346.
11.6	34.1	3487.2	675.0	8.4	-9.5	148.4	4.6	-2.4	3.9	315.4	323.9	2.8	26.8	4.5	344.
12.6	36.6	3797.8	650.0	6.4	-12.2	155.6	3.2	-1.3	2.9	316.5	323.7	2.3	25.0	4.7	344.
13.8	39.3	4117.9	625.0	3.8	-12.9	151.6	1.9	-0.9	1.7	317.1	324.2	2.3	28.5	4.9	344.
14.9	41.9	4448.0	600.0	1.2	-9.5	94.9	1.0	-1.0	0.1	317.9	327.4	3.1	44.6	4.9	343.
16.0	44.8	4789.1	575.0	-1.2	-15.9	36.3	1.3	-0.8	-1.1	318.8	325.0	1.9	31.5	4.9	342.
17.3	47.8	5141.7	550.0	-3.8	-15.2	47.9	2.6	-2.0	-1.8	319.8	326.6	2.1	40.7	4.8	341.
18.5	50.7	5507.5	525.0	-6.4	-16.3	42.9	3.6	-2.5	-2.7	321.0	327.5	2.0	44.9	4.7	338.
19.8	53.9	5886.6	500.0	-9.8	-17.3	15.0	3.5	-0.9	-3.4	321.3	327.6	2.0	53.8	4.6	335.
21.3	56.8	6280.9	475.0	-12.1	-20.7	319.1	3.5	2.3	-2.6	323.1	328.2	1.5	48.6	4.3	334.
22.7	60.0	6692.4	450.0	-14.7	-28.8	291.5	6.0	5.6	-2.2	324.7	327.4	0.8	29.0	4.0	337.
24.4	63.6	7123.0	425.0	-17.3	-31.9	302.2	8.2	7.0	-4.4	326.8	328.9	0.6	26.8	3.5	345.
25.9	66.9	7574.4	400.0	-21.0	-35.0	294.8	9.1	8.2	-3.8	327.7	329.4	0.5	27.1	3.0	357.
27.6	70.5	8047.3	375.0	-25.1	-41.3	284.6	11.8	11.4	-3.0	328.3	329.3	0.3	20.6	2.8	15.
29.4	74.3	8544.5	350.0	-29.0	-41.0	304.4	20.3	16.8	-11.5	329.5	330.6	0.3	30.1	3.0	57.
31.3	78.3	9070.1	325.0	-33.0	-43.8	305.2	14.9	12.2	-8.6	331.2	332.1	0.2	32.6	4.0	80.
33.2	82.3	9629.0	300.0	-36.7	-45.9	307.3	14.1	11.2	-8.5	333.6	334.4	0.2	37.3	5.4	93.
35.3	86.6	10225.3	275.0	-41.6	99.9	306.9	12.2	9.8	-7.3	334.9	999.9	99.9	999.9	6.8	101.
37.4	91.2	10865.1	250.0	-46.5	99.9	303.2	12.4	10.4	-6.8	336.9	999.9	99.9	999.9	8.2	105.
39.8	96.2	11555.0	225.0	-52.6	99.9	291.2	14.6	13.6	-5.3	337.9	999.9	99.9	999.9	10.1	108.
42.2	101.3	12305.0	200.0	-59.1	99.9	280.1	16.4	16.1	-2.9	339.2	999.9	99.9	999.9	12.5	107.
44.7	107.3	13127.1	175.0	-66.3	99.9	277.2	24.1	24.0	-3.0	340.5	999.9	99.9	999.9	15.3	106.
47.9	113.5	14048.2	150.0	-70.8	99.9	275.0	29.3	29.2	-2.6	348.2	999.9	99.9	999.9	20.5	103.
51.7	120.7	15146.5	125.0	-66.8	99.9	292.0	20.0	18.6	-7.5	374.0	999.9	99.9	999.9	26.7	103.
56.1	128.7	16485.3	100.0	-70.7	99.9	290.7	13.7	12.8	-4.8	391.3	999.9	99.9	999.9	30.4	104.
61.6	137.7	18197.8	75.0	-70.2	99.9	320.6	7.3	4.6	-5.7	425.8	999.9	99.9	999.9	33.6	104.
69.1	146.7	20672.5	50.0	-59.3	99.9	69.1	4.6	-4.3	-1.6	503.8	999.9	99.9	999.9	33.3	108.
81.0	156.0	25106.6	25.0	-50.4	99.9	50.6	2.5	-1.9	-1.6	639.8	999.9	99.9	999.9	30.6	108.

* 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

46

STATION NO. 250
BROWNSVILLE, TEX

27 APRIL 1975
1715 GMT

160 32. 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	4.1	7.0	1010.3	29.4	21.1	170.0	11.3	-2.0	11.1	303.8	346.2	15.8	61.0	0.0	0.
0.2	5.0	98.3	1000.0	27.0	21.2	155.9	16.7	-6.8	15.3	302.3	345.0	16.1	70.4	0.5	339.
0.7	6.9	322.0	975.0	24.0	19.4	157.1	16.3	-6.3	15.0	301.3	340.6	14.8	75.5	0.7	338.
1.4	9.2	549.4	950.0	21.8	20.0	164.1	13.9	-3.8	13.3	301.5	343.1	15.7	89.2	1.4	339.
2.2	11.2	781.2	925.0	20.0	18.6	164.6	14.7	-3.9	14.2	301.8	341.2	14.8	91.8	1.9	341.
2.9	13.5	1018.3	900.0	19.8	15.1	165.4	17.2	-4.3	16.7	303.6	336.7	12.3	75.9	2.6	342.
3.6	15.6	1261.9	875.0	19.6	11.5	168.2	17.9	-3.7	17.5	305.5	332.6	9.8	59.4	3.4	343.
4.4	18.0	1510.7	850.0	18.1	3.8	172.0	16.7	-2.3	16.5	305.9	322.7	5.9	38.5	4.3	344.
5.2	20.3	1766.7	825.0	17.6	6.3	173.1	14.4	-1.7	14.3	308.2	328.9	7.3	47.4	5.0	346.
6.1	22.6	2028.6	800.0	15.1	2.8	173.0	14.8	-1.8	14.7	308.0	325.0	5.9	43.8	5.7	346.
7.0	25.2	2297.5	775.0	16.6	-25.8	178.6	12.8	-0.3	12.8	311.8	313.8	0.6	4.0	6.5	348.
7.9	27.5	2575.9	750.0	16.4	-23.4	180.9	10.0	0.1	10.0	314.5	317.0	0.8	4.9	7.1	349.
8.9	30.1	2863.2	725.0	15.3	-23.9	182.0	5.9	0.2	5.9	316.3	318.9	0.8	5.1	7.6	350.
9.8	32.8	3158.8	700.0	13.3	-24.8	179.0	3.2	-0.1	3.2	317.3	319.8	0.7	5.3	7.8	350.
10.8	35.5	3463.3	675.0	11.1	-25.9	170.6	3.7	-0.6	3.7	318.2	320.5	0.7	5.5	7.9	350.
11.8	38.1	3776.6	650.0	9.7	-26.7	159.9	5.8	-2.0	5.5	320.0	322.2	0.7	5.7	8.3	350.
12.8	40.8	4100.3	625.0	7.0	-28.1	154.8	6.7	-2.8	6.0	320.5	322.5	0.6	6.0	8.6	349.
13.9	43.8	4433.7	600.0	4.2	-29.6	159.0	6.2	-2.2	5.8	321.0	322.9	0.5	6.3	9.1	349.
15.0	46.8	4777.7	575.0	1.3	-31.2	166.1	5.2	-1.3	5.1	321.5	323.2	0.5	6.7	9.4	348.
16.2	49.9	5133.0	550.0	-1.7	-32.9	165.4	6.2	-1.6	6.0	322.1	323.6	0.4	7.0	9.8	348.
17.4	52.8	5500.9	525.0	-4.4	-34.6	162.7	8.3	-2.5	7.9	323.1	324.4	0.4	7.3	10.3	348.
18.7	55.8	5883.6	500.0	-6.9	-33.0	178.4	11.5	-0.3	11.5	324.7	326.4	0.5	10.3	11.1	348.
20.0	59.0	6281.3	475.0	-9.8	-35.0	193.0	12.7	2.9	12.4	325.8	327.3	0.4	10.6	12.1	350.
21.3	62.6	6695.9	450.0	-13.2	-34.0	196.5	12.7	3.6	12.2	326.7	328.4	0.5	15.4	12.9	352.
22.7	66.0	7128.6	425.0	-16.3	-36.0	208.2	12.7	6.0	11.2	328.1	329.6	0.4	16.3	13.8	354.
24.1	69.7	7581.4	400.0	-20.2	-35.9	213.0	14.0	7.6	11.8	328.7	330.3	0.4	23.0	14.7	356.
25.6	73.3	8055.9	375.0	-24.1	-39.2	214.2	14.2	8.0	11.7	329.6	330.9	0.3	23.1	15.8	359.
27.2	77.3	8555.1	350.0	-28.1	-42.4	214.7	15.4	8.8	12.7	330.8	331.8	0.3	23.6	17.0	2.
28.9	81.3	9082.4	325.0	-32.4	-47.5	212.6	18.1	9.8	15.2	331.9	332.5	0.2	20.4	18.5	5.
30.8	85.7	9642.4	300.0	-36.1	-41.2	231.5	17.8	13.9	11.1	334.4	335.6	0.3	59.1	20.1	8.
33.0	90.2	10240.6	275.0	-40.7	99.9	234.7	18.7	15.2	10.8	336.2	999.9	99.9	999.9	21.8	13.
35.1	95.2	10882.8	250.0	-45.6	99.9	240.9	22.7	19.8	11.0	338.3	999.9	99.9	999.9	23.8	17.
37.4	100.2	11578.3	225.0	-50.1	99.9	251.2	25.7	24.3	8.3	341.7	999.9	99.9	999.9	26.0	22.
39.8	105.8	12339.3	200.0	-55.5	99.9	263.9	29.3	29.2	3.1	344.9	999.9	99.9	999.9	28.5	29.
42.5	111.5	13177.7	175.0	-62.4	99.9	270.9	31.3	31.3	-0.5	347.0	999.9	99.9	999.9	31.3	37.
45.9	118.3	14111.8	150.0	-70.1	99.9	278.2	34.3	33.9	-4.9	349.3	999.9	99.9	999.9	35.4	46.
49.7	125.8	15185.1	125.0	-71.1	99.9	246.9	21.4	19.7	8.4	366.2	999.9	99.9	999.9	40.1	53.
54.5	134.3	16501.8	100.0	-73.3	99.9	239.4	14.1	12.2	7.2	386.1	999.9	99.9	999.9	45.1	54.
60.3	143.3	18185.2	75.0	-73.4	99.9	186.3	11.7	1.3	11.6	419.0	999.9	99.9	999.9	48.9	53.
68.9	154.3	20642.2	50.0	-60.3	99.9	35.7	4.4	-2.6	-3.6	501.4	999.9	99.9	999.9	48.8	52.
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. 248
SHREVEPORT, LA

27 APRIL 1975
1715 GMT

140 54. 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	4.4	79.0	1006.1	26.7	19.6	160.0	6.2	-2.1	5.8	301.3	339.7	14.4	65.0	0.0	0.
0.1	4.8	132.8	1000.0	25.9	17.9	157.5	5.1	-2.0	4.7	300.8	335.7	13.1	61.7	0.2	357.
0.9	6.4	355.6	975.0	24.0	17.1	164.9	6.0	-1.6	5.8	301.1	335.0	12.7	65.0	0.4	352.
1.8	8.3	582.5	950.0	21.7	15.7	179.5	8.7	-0.1	8.7	300.8	332.7	11.9	68.6	0.9	352.
2.5	10.3	813.7	925.0	19.6	15.7	178.0	8.4	-0.3	8.4	301.0	333.7	12.2	78.0	1.2	355.
3.6	12.1	1049.3	900.0	17.3	14.5	171.4	11.8	-1.8	11.6	300.8	332.0	11.6	83.8	1.9	355.
4.8	14.0	1289.8	875.0	16.1	9.6	177.2	15.6	-0.8	15.6	301.7	325.2	8.6	65.3	2.9	354.
5.8	15.9	1537.2	850.0	16.7	7.7	189.6	14.6	2.4	14.4	304.7	326.4	7.8	55.0	3.8	356.
7.1	18.0	1790.8	825.0	14.9	4.7	189.8	14.6	2.5	14.4	305.2	323.5	6.5	50.5	4.8	360.
8.2	20.1	2050.5	800.0	12.6	2.1	186.3	14.6	1.6	14.5	305.3	321.2	5.6	48.8	5.8	1.
9.2	22.0	2316.4	775.0	11.1	0.4	191.6	14.7	2.9	14.4	306.5	321.1	5.1	47.4	6.7	2.
10.3	24.3	2589.9	750.0	10.4	-4.3	198.4	14.8	4.7	14.0	308.3	319.3	3.7	35.2	7.6	4.
11.4	26.3	2872.1	725.0	10.8	-11.9	197.0	14.4	4.2	13.8	311.6	318.2	2.1	18.9	8.6	6.
12.7	28.6	3164.1	700.0	10.1	-14.0	195.0	13.0	3.4	12.5	314.0	319.8	1.8	16.7	9.6	7.
13.9	31.0	3465.4	675.0	8.9	-13.8	192.8	13.8	3.1	13.5	315.8	322.0	1.9	18.4	10.6	7.
15.3	33.5	3776.5	650.0	6.6	-10.6	182.9	12.4	0.6	12.4	316.8	325.1	2.6	28.2	11.6	8.
16.7	35.8	4097.5	625.0	4.9	-9.4	177.6	12.4	-0.5	12.4	318.4	327.7	3.0	34.6	12.7	7.
18.1	38.3	4428.7	600.0	1.9	-11.1	173.8	10.9	-1.2	10.8	318.7	327.2	2.7	37.3	13.6	6.
19.4	40.8	4770.2	575.0	-0.9	-15.8	172.7	12.1	-1.5	12.0	319.1	325.4	1.9	31.4	14.5	5.
20.8	43.4	5123.3	550.0	-3.7	-20.6	187.1	12.8	1.6	12.7	319.8	324.2	1.3	25.4	15.6	5.
22.1	46.2	5488.7	525.0	-6.6	-22.1	198.4	8.5	2.7	8.1	320.6	324.7	1.2	27.8	16.5	5.
23.6	49.1	5867.6	500.0	-9.7	-16.6	232.7	5.3	4.2	3.2	321.4	328.1	2.1	57.2	17.0	6.
25.0	51.9	6260.9	475.0	-13.2	-22.9	226.7	8.1	5.9	5.5	321.8	326.0	1.3	43.8	17.3	7.
26.6	55.0	6670.2	450.0	-16.0	-29.2	214.4	12.0	6.8	9.9	323.1	325.7	0.7	30.9	18.1	9.
28.2	58.0	7098.5	425.0	-18.5	-38.5	221.0	12.1	7.9	9.1	325.2	326.4	0.3	15.1	19.2	10.
30.0	61.4	7548.2	400.0	-21.8	-40.5	235.1	13.6	11.1	7.8	326.6	327.6	0.3	15.4	20.3	13.
31.9	65.0	8019.9	375.0	-25.4	-37.6	234.2	14.3	11.6	8.4	327.9	329.3	0.4	30.7	21.5	16.
33.8	68.5	8516.4	350.0	-29.7	-33.9	233.4	15.2	12.2	9.1	328.7	330.9	0.6	66.6	22.8	18.
35.9	72.1	9041.1	325.0	-33.5	-38.7	231.2	16.2	12.6	10.1	330.4	331.9	0.4	59.5	24.4	21.
37.8	76.2	9598.6	300.0	-37.3	-42.5	241.6	17.2	15.1	8.2	332.7	333.8	0.3	58.0	26.0	23.
40.0	80.4	10193.1	275.0	-42.2	99.9	241.7	19.6	17.2	9.3	334.1	999.9	99.9	999.9	27.7	26.
42.5	85.0	10830.3	250.0	-47.2	99.9	242.3	25.2	22.3	11.7	335.8	999.9	99.9	999.9	30.8	30.
45.1	89.8	11518.0	225.0	-53.1	99.9	247.8	23.2	21.5	8.8	337.1	999.9	99.9	999.9	33.9	34.
48.1	95.2	12268.0	200.0	-58.5	99.9	258.2	30.4	29.8	6.2	340.1	999.9	99.9	999.9	37.7	39.
51.2	100.8	13096.2	175.0	-64.5	99.9	253.4	27.5	26.4	7.9	343.6	999.9	99.9	999.9	42.1	43.
54.5	107.5	14029.0	150.0	-67.6	99.9	262.0	26.3	26.0	3.7	353.7	999.9	99.9	999.9	46.2	47.
58.6	115.0	15124.6	125.0	-66.9	99.9	260.0	21.8	21.4	3.8	373.9	999.9	99.9	999.9	51.3	51.
63.3	123.7	16466.3	100.0	-70.8	99.9	266.6	6.6	6.6	0.4	391.0	999.9	99.9	999.9	54.8	52.
69.6	134.0	18180.9	75.0	-67.1	99.9	206.0	7.2	3.2	6.5	432.3	999.9	99.9	999.9	57.4	51.
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

6

STATION NO. 260
STEPHENVILLE, TEX

27 APRIL 1975
1715 GMT

152 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	9.6	399.0	962.9	25.9	17.8	180.0	10.8	0.0	10.8	304.1	340.5	13.5	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	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	10.6	517.5	950.0	23.7	15.5	173.8	15.2	-1.6	15.1	302.8	334.6	11.8	60.1	0.4	352.
1.2	12.9	749.9	925.0	21.0	15.2	176.1	15.2	-1.0	15.1	302.4	334.3	11.8	69.3	1.0	353.
1.9	15.2	986.7	900.0	18.5	15.2	179.7	15.6	-0.1	15.6	302.2	335.0	12.2	81.4	1.7	355.
2.7	17.3	1228.5	875.0	16.8	14.5	185.0	17.5	1.5	17.4	302.8	335.3	12.0	86.5	2.5	357.
3.7	19.7	1476.1	850.0	17.2	8.5	192.6	25.2	5.5	24.6	305.3	328.3	8.3	56.8	3.7	1.
4.9	22.0	1731.6	825.0	18.1	0.9	198.1	27.3	8.5	26.0	308.4	322.8	5.0	31.2	5.6	6.
6.0	24.4	1994.4	800.0	15.9	7.6	199.9	26.2	8.9	24.6	309.3	332.5	8.2	57.6	7.3	9.
6.8	26.7	2263.7	775.0	14.2	4.6	197.2	27.1	8.0	25.9	310.1	329.9	6.9	52.5	8.7	11.
7.8	29.3	2540.7	750.0	15.8	-39.6	202.9	23.2	9.0	21.3	313.8	314.4	0.2	1.1	10.1	12.
8.8	32.0	2827.2	725.0	14.7	-19.5	203.8	22.9	9.2	20.9	315.7	319.4	1.1	7.8	11.4	14.
9.7	34.7	3122.3	700.0	12.1	-5.7	201.7	21.1	7.8	19.6	316.4	327.4	3.6	28.6	12.7	15.
10.7	37.1	3425.7	675.0	10.1	-6.6	197.5	18.0	5.4	17.2	317.4	328.0	3.5	30.2	13.8	15.
11.8	40.0	3738.3	650.0	8.2	-10.3	196.2	17.2	4.8	15.6	318.5	327.0	2.7	25.8	14.9	15.
12.8	42.6	4060.6	625.0	5.7	-11.8	191.3	16.9	3.3	16.5	319.3	327.1	2.5	27.0	16.0	15.
14.0	45.4	4392.9	600.0	3.2	-10.6	188.9	16.0	2.5	15.8	320.1	329.0	2.8	35.5	17.1	15.
15.0	48.4	4736.3	575.0	0.2	-8.1	194.5	17.2	4.3	16.5	320.6	331.9	3.6	53.9	18.2	14.
16.3	51.3	5091.0	550.0	-3.0	-7.3	198.3	18.5	5.8	17.6	321.1	333.6	4.1	72.4	19.5	15.
17.5	54.4	5457.9	525.0	-6.4	-7.5	202.1	22.2	8.4	20.6	321.3	334.0	4.1	91.4	20.9	15.
18.8	57.4	5838.0	500.0	-9.4	-11.6	208.9	26.9	13.0	23.5	322.0	331.9	3.1	83.7	22.8	16.
20.1	60.6	6232.4	475.0	-12.8	-14.9	213.6	25.3	14.0	21.1	322.3	330.4	2.5	84.4	25.0	17.
21.1	64.1	6642.5	450.0	-16.2	-16.2	215.6	24.7	14.4	20.1	323.2	330.8	2.4	99.6	26.3	18.
22.3	67.4	7070.8	425.0	-20.9	-27.9	212.2	23.1	12.3	19.5	322.3	325.3	0.9	53.1	27.9	19.
24.3	70.8	7516.4	400.0	-24.3	-35.8	211.7	27.3	14.4	23.3	323.5	325.1	0.5	35.5	31.0	20.
26.0	74.6	7983.7	375.0	-27.7	-42.3	213.5	24.0	13.3	20.0	324.9	325.8	0.2	23.3	33.5	21.
27.6	78.5	8476.7	350.0	-30.6	-43.7	211.4	29.4	15.3	25.1	327.4	328.2	0.2	26.2	36.0	22.
29.5	82.4	8999.3	325.0	-34.3	-45.7	214.4	33.1	18.7	27.3	329.3	330.1	0.2	30.2	39.6	23.
31.4	86.5	9555.0	300.0	-37.7	-49.3	210.0	37.2	18.6	32.2	332.1	332.7	0.1	28.3	43.1	24.
33.3	91.2	10150.5	275.0	-41.8	99.9	218.5	40.8	25.4	31.9	334.7	999.9	99.9	999.9	47.7	25.
35.2	95.7	10789.7	250.0	-46.9	99.9	215.1	41.1	23.6	33.7	336.3	999.9	99.9	999.9	52.9	26.
37.6	100.8	11479.6	225.0	-51.8	99.9	233.2	38.1	30.5	22.9	339.2	999.9	99.9	999.9	57.3	28.
40.0	106.3	12233.5	200.0	-56.7	99.9	999.9	99.9	99.9	99.9	342.9	999.9	99.9	999.9	999.9	999.
42.6	112.0	13066.4	175.0	-64.0	99.9	999.9	99.9	99.9	99.9	344.4	999.9	99.9	999.9	999.9	999.
45.7	118.5	13998.2	150.0	-67.4	99.9	232.9	42.3*	33.8	25.6	354.0	999.9	99.9	999.9	78.2	34.
49.3	125.8	15109.5	125.0	-61.5	99.9	218.3	24.8**	15.4	19.5	383.7	999.9	99.9	999.9	84.4	35.
53.7	133.7	16471.9	100.0	-66.3	99.9	210.5	5.7*	2.9	4.9	399.6	999.9	99.9	999.9	88.4	35.
59.1	141.7	18205.7	75.0	-67.2	99.9	208.5	13.8	6.6	12.2	432.0	999.9	99.9	999.9	91.6	35.
66.1	150.3	20692.0	50.0	-62.9	99.9	179.4	8.7	-0.1	8.7	495.4	999.9	99.9	999.9	93.6	34.
77.2	159.0	25106.1	25.0	-50.3	99.9	212.3	1.4	0.7	1.2	639.9	999.9	99.9	999.9	92.9	32.

* 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

27 APRIL 1975
1715 GMT

158 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	33.0	1009.1	27.5	20.3	170.0	10.3	-1.8	10.1	301.9	342.1	15.1	65.0	0.0	0.
0.3	4.9	113.1	1000.0	24.9	18.7	171.4	15.5	-2.3	15.3	299.9	336.4	13.8	68.8	0.5	346.
0.9	6.7	335.6	975.0	23.5	18.9	175.3	14.9	-1.2	14.8	300.7	338.7	14.3	75.8	0.9	347.
1.6	8.8	562.3	950.0	21.1	17.9	164.3	11.4	-3.1	11.0	300.4	336.9	13.7	82.0	1.4	349.
2.4	10.6	793.5	925.0	19.3	17.1	172.7	13.9	-1.8	13.8	300.8	336.5	13.4	87.2	2.0	348.
3.2	12.7	1029.1	900.0	17.7	14.1	176.8	16.4	-0.9	16.4	301.3	331.8	11.4	79.4	2.7	350.
4.1	14.8	1271.1	875.0	19.3	0.3	172.2	18.4	-2.5	18.2	304.4	317.3	4.5	27.9	3.7	351.
4.9	16.8	1519.3	850.0	18.0	-7.0	173.6	17.4	-1.9	17.3	305.3	313.3	2.7	17.5	4.6	351.
5.8	19.1	1773.6	825.0	15.7	1.3	175.1	17.8	-1.5	17.8	305.9	320.5	5.1	37.7	5.6	352.
6.7	21.2	2033.9	800.0	14.6	-10.7	177.0	19.3	-1.0	19.3	307.0	313.4	2.1	16.4	6.5	353.
7.6	23.5	2301.7	775.0	14.3	-19.2	183.5	16.7	1.0	16.7	309.3	312.8	1.1	8.4	7.5	353.
8.6	25.8	2577.7	750.0	13.4	-26.5	185.4	14.6	1.4	14.5	311.2	313.2	0.6	4.5	8.4	355.
9.5	28.2	2861.8	725.0	12.9	-31.5	176.7	13.9	-0.8	13.9	313.6	314.9	0.4	3.0	9.1	356.
10.4	30.7	3156.0	700.0	12.7	-37.5	172.2	14.6	-2.0	14.4	316.6	317.4	0.2	1.6	9.9	355.
11.4	33.3	3459.8	675.0	10.8	-24.0	168.8	15.6	-3.0	15.3	317.8	320.7	0.9	7.3	10.8	355.
12.5	35.8	3772.3	650.0	8.0	-19.0	165.9	16.0	-3.9	15.6	318.2	322.4	1.3	12.7	11.9	354.
13.7	38.4	4094.3	625.0	5.8	-22.7	158.0	15.8	-5.9	14.7	319.2	322.5	1.0	10.7	12.9	353.
14.7	41.1	4426.5	600.0	3.3	-22.5	161.5	15.5	-4.9	14.7	320.1	323.5	1.0	12.9	14.0	352.
15.8	44.0	4769.8	575.0	0.4	-20.5	178.4	13.8	-0.4	13.8	320.6	324.9	1.3	18.9	14.8	352.
17.0	47.0	5124.1	550.0	-2.9	-20.6	190.5	14.3	2.6	14.0	320.8	325.2	1.3	24.1	15.9	353.
18.2	50.1	5491.2	525.0	-5.2	-28.5	201.5	12.7	4.6	11.8	322.3	324.6	0.7	13.9	16.8	354.
19.5	53.1	5871.9	500.0	-8.6	-31.5	206.5	11.6	5.2	10.4	322.5	324.4	0.5	13.7	17.5	356.
20.8	56.3	6266.9	475.0	-12.2	-33.6	208.9	10.6	5.1	9.3	322.9	324.5	0.5	14.8	18.3	357.
22.2	59.7	6678.2	450.0	-14.7	-34.7	207.2	13.3	6.1	11.9	324.8	326.3	0.4	16.4	19.2	358.
23.8	63.3	7109.7	425.0	-16.7	-39.9	216.6	19.9	11.9	16.0	327.5	328.5	0.3	11.3	20.5	1.
25.2	66.9	7561.2	400.0	-21.0	-44.5	221.0	19.6	12.9	14.8	327.7	328.3	0.2	10.0	21.9	4.
26.8	70.6	8034.6	375.0	-24.7	-45.6	220.8	18.8	12.3	14.2	328.8	329.4	0.2	12.3	23.3	7.
28.5	74.7	8532.4	350.0	-29.0	-45.4	219.7	17.8	11.4	13.7	329.6	330.3	0.2	18.7	24.8	9.
30.2	79.0	9057.7	325.0	-33.0	-47.6	223.3	20.3	14.0	14.8	331.1	331.7	0.2	21.3	26.6	11.
32.2	83.4	9615.9	300.0	-37.0	-47.1	229.6	23.0	17.5	14.9	333.2	333.9	0.2	33.8	28.8	14.
34.3	88.0	10212.0	275.0	-40.8	99.9	232.9	23.0	18.4	13.9	336.2	999.9	99.9	999.9	31.2	17.
36.6	93.2	10853.5	250.0	-45.8	99.9	233.4	25.7	20.6	15.3	338.0	999.9	99.9	999.9	33.6	21.
38.9	98.5	11547.2	225.0	-51.1	99.9	241.7	29.0	25.6	13.8	340.2	999.9	99.9	999.9	36.7	24.
41.6	104.4	12304.2	200.0	-56.6	99.9	248.2	32.7	30.4	12.2	343.1	999.9	99.9	999.9	40.2	29.
44.2	110.6	13141.7	175.0	-61.4	99.9	257.7	40.0	39.1	8.5	348.6	999.9	99.9	999.9	44.6	34.
47.3	117.3	14079.8	150.0	-69.7	99.9	263.2	43.7	43.4	5.2	350.0	999.9	99.9	999.9	49.9	41.
50.9	125.0	15161.2	125.0	-68.8	99.9	246.2	26.5	24.2	10.7	370.3	999.9	99.9	999.9	55.5	45.
55.2	133.0	16487.6	100.0	-71.9	99.9	240.9	16.5	14.4	8.0	388.8	999.9	99.9	999.9	60.2	47.
60.9	141.0	18185.0	75.0	-56.6	99.9	210.5	12.7	6.5	11.0	429.1	999.9	99.9	999.9	64.2	48.
68.7	149.0	20661.7	50.0	-63.1	99.9	109.5	3.7	-3.5	1.2	494.8	999.9	99.9	999.9	64.8	47.
81.2	157.3	25083.0	25.0	-50.0	99.9	146.1	2.8	-1.6	2.3	641.5	999.9	99.9	999.9	63.9	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. 265
MIDLAND, TEX

27 APRIL 1975
1716 GMT

158 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	873.0	909.2	26.7	4.5	245.0	9.8	8.9	4.1	308.9	325.7	5.8	24.0	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	13.3	962.7	900.0	26.1	6.2	258.5	11.2	11.0	2.2	309.4	328.4	6.6	28.0	0.3	65.
1.0	15.4	1209.4	875.0	23.1	4.7	249.9	10.7	10.1	3.7	308.6	326.1	6.1	30.2	0.6	70.
2.1	17.6	1460.8	850.0	20.9	4.3	236.9	9.7	8.1	5.3	308.9	326.5	6.1	33.4	1.3	65.
3.1	20.0	1717.7	825.0	18.5	2.3	245.0	11.5	10.4	4.8	308.9	324.8	5.5	33.8	1.9	64.
3.9	22.1	1980.5	800.0	16.6	-1.2	247.5	13.9	12.9	5.3	309.4	322.3	4.4	29.6	2.5	64.
5.0	24.6	2249.9	775.0	15.0	-4.2	246.8	14.3	13.1	5.6	310.4	321.2	3.6	26.2	3.5	66.
5.9	26.8	2526.3	750.0	13.1	-5.3	239.8	13.7	11.8	6.9	311.3	321.6	3.4	27.2	4.2	65.
7.1	29.4	2809.8	725.0	10.5	-6.8	230.8	13.3	10.3	8.4	311.4	321.0	3.2	29.0	5.1	63.
8.1	31.9	3100.9	700.0	8.5	-8.0	232.0	15.7	12.3	9.7	312.3	321.3	3.0	30.1	5.9	61.
9.0	34.6	3400.1	675.0	6.1	-11.3	235.8	18.4	15.3	10.4	312.7	320.1	2.4	27.4	6.9	60.
10.0	37.1	3708.1	650.0	4.1	-13.8	234.1	22.0	17.9	12.9	313.9	320.2	2.0	25.6	8.1	60.
11.1	39.9	4025.6	625.0	1.5	-12.7	228.8	26.5	19.9	17.4	314.5	321.7	2.3	33.7	9.6	58.
12.2	42.4	4353.3	600.0	-0.8	-14.3	229.0	29.6	22.4	19.4	315.4	322.0	2.1	35.0	11.5	57.
13.6	45.4	4691.6	575.0	-3.5	-14.4	224.5	31.0	21.7	22.1	316.1	323.0	2.2	42.5	14.0	55.
14.9	48.4	5041.5	550.0	-5.9	-15.2	215.7	32.6	19.0	26.4	317.3	324.0	2.1	47.4	16.6	53.
16.1	51.1	5404.0	525.0	-8.8	-17.6	209.4	31.5	15.5	27.5	318.0	323.9	1.8	48.6	18.8	50.
17.5	54.3	5779.9	500.0	-11.8	-20.8	208.1	32.7	15.4	28.8	318.8	323.5	1.5	47.1	21.1	48.
18.8	57.4	6170.8	475.0	-14.4	-21.0	208.4	31.2	14.9	27.5	320.3	325.2	1.5	56.7	23.6	46.
20.2	60.8	6578.4	450.0	-17.7	-23.5	208.5	34.2	16.3	30.1	321.0	325.2	1.3	60.6	26.3	44.
21.8	64.3	7002.9	425.0	-21.4	-27.2	211.1	34.9	18.0	29.9	321.6	324.8	1.0	59.5	29.4	42.
23.5	67.7	7447.0	400.0	-25.0	-33.8	213.6	36.6	20.3	30.5	322.4	324.3	0.5	43.5	32.8	41.
25.1	71.3	7913.8	375.0	-27.5	-31.2	214.9	40.7	23.3	33.4	325.2	327.8	0.7	70.3	36.5	40.
26.9	75.2	8407.8	350.0	-30.4	-32.8	213.1	44.7*	24.4	37.5	327.8	330.2	0.7	78.8	41.3	40.
28.6	79.3	8930.8	325.0	-34.4	-39.0	209.5	44.9*	22.1	39.1	329.3	330.7	0.4	62.5	45.7	39.
30.1	83.4	9484.8	300.0	-39.4	99.9	208.4	43.3*	20.6	38.1	329.9	999.9	99.9	999.9	49.6	38.
31.9	87.8	10073.4	275.0	-44.9	99.9	209.6	52.4*	25.8	45.6	330.1	999.9	99.9	999.9	54.6	37.
34.1	92.8	10703.6	250.0	-49.5	99.9	214.5	47.8*	27.1	39.3	332.5	999.9	99.9	999.9	61.6	37.
36.3	97.6	11388.0	225.0	-53.2	99.9	222.2	51.0*	34.3	37.8	337.0	999.9	99.9	999.9	67.6	37.
38.9	103.2	12137.3	200.0	-58.8	99.9	224.5	62.2*	43.6	44.3	339.7	999.9	99.9	999.9	76.5	38.
41.5	109.3	12969.9	175.0	-61.1	99.9	230.1	49.4*	37.9	31.6	349.1	999.9	99.9	999.9	84.1	39.
44.3	115.8	13931.3	150.0	-60.9	99.9	228.6	61.9*	46.4	40.9	365.1	999.9	99.9	999.9	91.9	40.
47.5	123.3	15054.7	125.0	-64.6	99.9	211.5	26.6*	13.9	22.7	378.1	999.9	99.9	999.9	99.8	40.
51.4	132.0	16410.3	100.0	-62.7	99.9	229.9	25.1*	19.2	16.1	406.5	999.9	99.9	999.9	107.8	39.
55.7	141.5	18161.3	75.0	-64.2	99.9	56.8	12.6*	-10.6	-6.9	438.3	999.9	99.9	999.9	109.8	40.
62.8	152.0	20668.6	50.0	-61.4	99.9	18.1	22.9*	-7.1	-21.8	498.8	999.9	99.9	999.9	111.7	39.
75.6	164.0	25096.9	25.0	-50.3	99.9	74.9	3.8	-3.7	-1.0	640.1	999.9	99.9	999.9	108.9	38.

* 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

27 APRIL 1975
1715 GMT

162 18. 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	8.8	314.0	971.6	25.2	20.0	130.0	8.8	-6.7	5.7	302.9	344.0	15.4	73.0	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.
0.9	10.8	512.1	950.0	23.3	20.3	134.2	12.8	-9.2	8.9	303.0	345.6	16.0	83.2	0.6	315.
1.7	13.3	744.8	925.0	20.6	19.7	138.3	12.2	-8.1	9.1	302.5	344.7	15.8	94.4	1.3	315.
2.6	15.8	982.1	900.0	19.2	18.7	163.3	10.7	-3.1	10.3	303.3	344.3	15.3	97.3	1.8	319.
3.5	18.2	1225.4	875.0	18.8	18.3	185.9	9.8	1.0	9.8	305.3	346.7	15.3	97.1	2.3	328.
4.4	20.7	1475.2	850.0	20.2	8.9	199.5	9.5	3.2	8.9	308.5	332.7	8.6	50.1	2.7	336.
5.3	23.3	1732.7	825.0	20.3	-16.8	220.8	7.1	4.6	5.4	310.3	316.2	2.0	10.9	3.0	342.
6.3	25.9	1997.1	800.0	19.6	-38.0	245.5	8.5	7.7	3.5	312.0	312.7	0.2	1.0	3.2	350.
7.3	28.7	2268.5	775.0	17.9	-39.0	247.1	10.0	9.2	3.9	313.1	313.7	0.2	1.0	3.3	359.
8.3	31.4	2547.1	750.0	15.7	-39.1	240.1	10.6	9.2	5.3	313.6	314.2	0.2	1.1	3.6	8.
9.5	34.3	2833.0	725.0	14.3	-39.3	228.2	13.5	10.1	9.0	315.1	315.7	0.2	1.2	4.2	16.
10.6	37.1	3127.7	700.0	12.6	-42.2	219.4	16.2	10.3	12.5	316.4	316.9	0.1	1.0	5.2	22.
11.8	40.0	3431.1	675.0	10.8	-43.3	215.9	16.5	9.7	13.3	317.8	318.2	0.1	1.0	6.4	24.
12.8	42.9	3743.5	650.0	7.8	-42.8	222.0	16.6	11.1	12.4	317.7	318.2	0.1	1.3	7.4	26.
13.9	45.9	4064.7	625.0	5.4	-26.8	225.7	19.8	14.2	13.8	318.7	321.0	0.7	7.6	8.4	29.
15.0	49.0	4396.2	600.0	2.7	-19.3	225.6	21.9	15.6	15.3	319.4	323.9	1.4	17.9	9.8	31.
16.2	52.0	4738.4	575.0	-0.6	-19.7	221.1	24.5	16.1	18.4	319.5	324.0	1.4	21.8	11.4	33.
17.4	55.2	5091.6	550.0	-3.7	-19.3	215.4	24.1	14.0	19.7	319.9	324.8	1.5	28.4	13.2	34.
18.7	58.5	5457.8	525.0	-6.4	-12.9	206.9	23.2	10.5	20.7	321.1	329.6	2.7	59.8	15.0	33.
19.9	61.9	5837.4	500.0	-9.2	-13.1	202.4	23.6	9.0	21.8	322.1	330.9	2.8	73.1	16.8	32.
21.3	65.3	6232.1	475.0	-12.6	-16.4	206.0	24.6	10.8	22.1	322.7	329.9	2.2	72.9	18.7	32.
22.6	68.9	6642.2	450.0	-16.2	-19.6	208.5	24.0	11.5	21.1	323.0	328.9	1.8	75.2	20.6	31.
24.0	72.3	7069.5	425.0	-19.9	-38.0	217.0	25.0	15.1	20.0	323.5	324.7	0.4	18.9	22.7	31.
25.8	76.3	7516.9	400.0	-22.6	-44.1	218.7	29.9	18.7	23.3	325.6	326.3	0.2	12.1	25.6	32.
27.6	80.3	7987.8	375.0	-25.5	-48.7	219.0	29.7	18.7	23.1	327.7	328.2	0.1	9.3	28.8	33.
29.3	84.3	8484.8	350.0	-29.1	-47.3	215.6	32.1	18.7	26.1	329.4	330.0	0.1	15.5	31.8	33.
31.0	88.5	9012.9	325.0	-31.6	-43.9	218.6	34.2	21.4	26.8	333.0	333.9	0.2	28.4	35.5	34.
32.7	93.0	9573.3	300.0	-36.5	-45.2	216.6	35.3	21.0	28.3	333.9	334.8	0.2	39.7	38.8	34.
34.7	97.6	10170.7	275.0	-40.9	99.9	222.8	35.5	24.1	26.0	336.0	999.9	99.9	999.9	43.0	34.
36.9	102.5	10813.1	250.0	-45.7	99.9	229.4	35.4	26.9	23.1	338.2	999.9	99.9	999.9	47.6	36.
39.1	107.8	11507.4	225.0	-50.2	99.9	224.0	41.4	28.8	29.8	341.6	999.9	99.9	999.9	53.0	37.
41.4	113.5	12267.2	200.0	-55.7	99.9	229.8	39.4	30.1	25.4	344.5	999.9	99.9	999.9	58.4	38.
43.7	119.3	13102.0	175.0	-63.3	99.9	241.7	45.0	39.6	21.4	345.4	999.9	99.9	999.9	64.2	39.
46.9	126.0	14034.8	150.0	-68.9	99.9	244.2	47.4	42.7	20.6	351.5	999.9	99.9	999.9	72.9	43.
50.1	133.3	15123.8	125.0	-69.8	99.9	243.1	29.2	26.0	13.2	368.5	999.9	99.9	999.9	80.1	44.
54.7	140.7	16463.7	100.0	-68.6	99.9	230.9	27.7	21.5	17.5	395.3	999.9	99.9	999.9	87.1	46.
60.3	148.7	18187.6	75.0	-66.1	99.9	222.2	13.4	9.0	9.9	434.3	999.9	99.9	999.9	92.0	45.
68.0	157.3	20670.8	50.0	-60.1	99.9	94.5	5.1	-5.1	0.4	501.9	999.9	99.9	999.9	94.2	45.
80.0	166.3	25080.7	25.0	-50.9	99.9	217.6	3.1	1.9	2.4	638.8	999.9	99.9	999.9	94.1	44.

* 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

27 APRIL 1975
1715 GMT

163 21. 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	4.8	180.0	998.2	25.0	15.0	90.0	3.1	-3.1	0.0	299.8	328.9	10.9	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.
0.5	6.5	385.3	975.0	22.4	12.8	999.9	99.9	99.9	99.9	299.0	324.8	9.6	54.6	999.9	999.
1.4	8.9	610.9	950.0	20.7	11.7	999.9	99.9	99.9	99.9	299.5	324.2	9.2	56.2	999.9	999.
2.1	11.1	841.3	925.0	19.9	11.6	177.4	6.0	-0.3	6.0	300.9	326.3	9.4	58.8	0.7	355.
3.0	13.5	1077.4	900.0	18.5	11.8	206.8	5.8	2.6	5.1	301.9	328.4	9.7	65.0	1.0	1.
3.8	15.8	1318.6	875.0	16.3	11.4	214.2	6.0	3.4	5.0	302.1	328.6	9.8	72.7	1.2	9.
4.6	18.3	1564.9	850.0	14.0	10.5	211.7	6.6	3.0	4.8	302.1	327.9	9.5	79.4	1.5	13.
5.4	20.7	1816.8	825.0	12.9	8.1	228.7	4.*	3.6	3.2	303.4	326.2	8.3	72.6	1.7	17.
6.3	23.2	2075.0	800.0	11.5	1.3	231.1	5.4	4.2	3.4	304.1	319.1	5.3	49.6	2.0	21.
7.2	25.7	2340.0	775.0	9.6	4.3	239.4	5.0	4.3	2.5	305.0	324.0	6.8	70.0	2.2	25.
8.1	28.3	2611.6	750.0	7.7	3.6	258.4	4.2	4.2	0.9	305.8	324.5	6.6	75.5	2.4	29.
9.0	31.1	2890.6	725.0	6.1	2.1	270.0	5.0	5.0	0.0	307.0	324.6	6.2	75.6	2.5	34.
10.0	34.0	3177.9	700.0	4.9	-4.3	277.2	6.5	6.4	-0.8	308.5	320.1	4.0	51.0	2.7	39.
10.9	36.6	3474.7	675.0	4.6	-11.8	275.0	8.7	8.6	-0.7	311.1	318.2	2.3	29.3	2.9	47.
11.9	39.6	3781.9	650.0	3.8	-14.3	273.1	9.1	9.1	-0.5	313.5	319.6	2.0	25.3	3.4	54.
13.0	42.4	4099.1	625.0	1.3	-11.6	283.7	9.7	9.4	-2.3	314.2	322.0	2.5	37.7	3.8	60.
14.0	45.4	4426.2	600.0	-1.0	-19.1	285.8	12.3	11.8	-3.3	315.1	319.6	1.4	23.8	4.3	66.
15.1	48.6	4764.1	575.0	-3.5	-24.4	286.4	13.6	13.0	-3.8	315.9	319.0	0.9	18.0	5.0	72.
16.1	51.6	5113.7	550.0	-6.3	-14.7	288.0	13.9	13.2	-4.3	316.9	323.9	2.2	51.6	5.7	77.
17.2	55.0	5476.1	525.0	-8.4	-16.2	294.3	15.1	13.8	-6.2	318.5	325.0	2.0	53.0	6.5	82.
18.3	58.3	5853.3	500.0	-10.8	-17.3	306.3	14.6	11.7	-8.6	320.1	326.4	2.0	58.5	7.3	87.
19.6	61.9	6245.4	475.0	-13.9	-19.3	311.4	15.4	11.5	-10.2	320.9	326.6	1.8	64.0	8.2	92.
21.0	65.4	6654.9	450.0	-16.0	-27.2	308.0	17.3	13.6	-10.6	323.2	326.3	0.9	37.1	9.3	98.
22.5	69.2	7082.8	425.0	-19.2	-28.5	293.5	16.6	15.2	-6.6	324.4	327.3	0.8	43.0	10.6	101.
23.9	73.0	7531.6	400.0	-21.6	-32.0	292.6	18.5	17.1	-7.1	326.9	329.1	0.6	38.2	12.2	102.
25.5	77.0	8004.0	375.0	-24.8	-32.0	305.5	19.4	15.8	-11.3	328.8	331.2	0.7	50.7	13.8	104.
27.1	81.2	8501.7	350.0	-29.2	-35.7	317.0	20.4	13.9	-14.9	329.4	331.2	0.5	53.0	15.6	107.
28.8	85.5	9026.7	325.0	-33.7	-39.1	326.4	21.9	12.1	-18.2	330.2	331.6	0.4	58.1	17.3	111.
30.5	90.0	9582.6	300.0	-38.2	-44.4	316.8	20.3	13.9	-14.8	331.5	332.4	0.2	51.3	19.3	115.
32.5	95.0	10175.4	275.0	-42.6	99.9	309.6	18.2	14.1	-11.6	333.5	999.9	99.9	999.9	21.7	117.
34.8	100.2	10811.4	250.0	-47.9	99.9	312.0	19.7	14.6	-13.2	334.9	999.9	99.9	999.9	23.9	118.
37.2	105.6	11498.8	225.0	-53.1	99.9	314.7	25.4	18.1	-17.9	337.1	999.9	99.9	999.9	27.2	120.
40.0	111.5	12246.7	200.0	-59.5	99.9	313.3	26.2	19.1	-17.9	338.6	999.9	99.9	999.9	31.4	122.
43.1	118.0	13070.1	175.0	-65.5	99.9	304.4	33.1	27.3	-18.7	341.8	999.9	99.9	999.9	37.1	123.
46.5	125.0	13994.9	150.0	-71.5	99.9	307.3	27.1	21.6	-16.4	346.9	999.9	99.9	999.9	43.2	124.
50.3	132.3	15080.8	125.0	-67.2	99.9	305.0	25.7	21.1	-14.7	373.3	999.9	99.9	999.9	48.8	124.
55.0	140.0	16435.6	100.0	-67.3	99.9	319.5	21.9	14.2	-16.7	397.7	999.9	99.9	999.9	56.0	125.
61.1	148.0	18189.1	75.0	-64.0	99.9	349.6	10.1	1.8	-9.9	438.7	999.9	99.9	999.9	61.9	127.
69.2	156.3	20700.0	50.0	-58.4	99.9	69.2	5.9	-5.5	-2.1	505.9	999.9	99.9	999.9	62.9	129.
81.8	164.7	25149.9	25.0	-50.5	99.9	123.9	7.1	-5.9	4.0	640.0	999.9	99.9	999.9	59.9	132.

* 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

27 APRIL 1975
1800 GMT

149 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	RH PCT	RANGE KM	AZ DG
0.0	16.5	1193.0	880.9	15.4	-9.5	280.0	10.2	10.0	-1.8	299.5	305.7	2.1	17.0	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.
0.3	17.2	1249.5	875.0	12.1	-12.6	250.8	7.2	6.8	2.4	296.6	301.5	1.7	16.4	0.2	131.
1.1	19.6	1490.7	850.0	9.2	-13.4	254.2	9.2	8.9	2.5	296.0	300.7	1.6	18.6	0.5	95.
1.9	21.9	1736.9	825.0	7.0	-14.3	275.6	8.3	8.3	-0.8	296.2	300.7	1.5	20.2	0.9	88.
2.6	24.5	1988.6	800.0	4.7	-15.2	288.0	8.1	7.7	-2.5	296.3	300.6	1.5	22.0	1.2	93.
3.7	26.9	2245.9	775.0	2.1	-15.7	307.5	6.4	5.1	-3.9	296.2	300.5	1.4	25.3	1.7	100.
4.7	29.6	2509.4	750.0	-0.4	-17.7	296.0	12.1	10.9	-5.3	296.3	300.1	1.3	25.5	2.1	105.
5.5	32.2	2779.5	725.0	-2.2	-19.3	277.2	16.5	16.3	-2.1	297.2	300.7	1.1	25.6	2.9	106.
6.3	35.0	3056.9	700.0	-4.0	-19.2	255.7	21.7	21.0	5.4	298.2	301.8	1.2	29.5	3.6	101.
7.4	37.6	3344.3	675.0	-3.3	-25.3	253.0	25.8	24.7	7.5	302.0	304.3	0.7	16.3	5.1	92.
8.7	40.4	3642.0	650.0	-4.8	-26.4	252.3	25.6	24.4	7.8	303.6	305.7	0.7	16.4	7.2	87.
9.8	43.1	3949.4	625.0	-6.4	-27.7	248.1	29.6	27.4	11.0	305.1	307.1	0.6	16.5	8.8	83.
10.8	46.0	4268.0	600.0	-7.5	-28.5	251.8	31.4	29.8	9.8	307.5	309.5	0.6	16.6	10.7	81.
11.7	49.0	4598.9	575.0	-8.8	-29.5	252.8	31.5	30.0	9.3	309.7	311.6	0.6	16.7	12.3	80.
12.7	51.9	4942.0	550.0	-10.5	-31.4	251.1	31.9	30.1	10.3	311.6	313.3	0.5	15.9	14.3	79.
13.9	55.1	5298.7	525.0	-12.8	-33.3	250.0	33.9	31.8	11.6	313.0	314.5	0.4	16.0	16.4	78.
15.2	58.1	5668.4	500.0	-15.9	-35.6	251.0	32.5	30.7	10.6	313.7	314.9	0.4	16.4	19.2	77.
16.7	61.6	6052.6	475.0	-19.0	-37.6	246.9	31.3	28.8	12.3	314.4	315.5	0.3	17.5	22.1	76.
18.2	65.1	6452.0	450.0	-22.8	-40.6	240.7	31.1	27.1	15.2	314.6	315.4	0.2	17.7	24.6	75.
19.5	68.4	6868.1	425.0	-26.4	-43.5	239.5	34.8	29.9	17.7	315.1	315.8	0.2	18.0	27.1	73.
20.7	72.0	7303.9	400.0	-28.2	-45.0	232.5	40.1	31.8	24.4	318.3	318.9	0.2	18.1	29.7	72.
22.3	75.9	7764.4	375.0	-31.2	-47.0	229.7	45.4	34.6	29.4	320.2	320.7	0.1	19.2	33.7	69.
24.3	79.9	8250.9	350.0	-33.4	-48.2	229.3	50.3*	38.1	32.8	323.6	324.1	0.1	20.8	39.3	66.
26.4	84.0	8767.7	325.0	-36.0	-50.4	227.7	49.3*	36.5	33.2	326.9	327.4	0.1	20.9	45.1	64.
28.1	88.2	9319.2	300.0	-40.1	99.9	226.0	51.0*	36.7	35.5	328.8	999.9	99.9	999.9	50.0	62.
29.5	92.8	9907.1	275.0	-45.2	99.9	226.2	58.0*	41.8	40.1	329.8	999.9	99.9	999.9	54.7	61.
31.2	97.6	10536.9	250.0	-49.3	99.9	227.7	54.1*	40.0	36.4	332.8	999.9	99.9	999.9	59.8	59.
33.4	102.6	11221.9	225.0	-53.5	99.9	224.9	53.2*	37.5	37.7	336.6	999.9	99.9	999.9	66.9	58.
35.9	108.3	11972.9	200.0	-56.4	99.9	230.7	49.5*	38.3	31.3	343.5	999.9	99.9	999.9	75.4	57.
38.4	114.3	12812.3	175.0	-59.3	99.9	235.2	60.5*	49.8	34.6	352.1	999.9	99.9	999.9	85.3	56.
41.3	120.8	13785.0	150.0	-57.7	99.9	247.3	30.9*	28.5	11.9	370.7	999.9	99.9	999.9	89.5	56.
44.7	128.0	14940.6	125.0	-58.4	99.9	235.4	40.4*	33.2	22.9	389.3	999.9	99.9	999.9	95.4	56.
48.3	135.8	16338.9	100.0	-61.7	99.9	171.3	7.5*	-1.1	7.4	408.6	999.9	99.9	999.9	101.1	56.
53.2	143.7	18096.5	75.0	-60.7	99.9	19.1	7.4*	-2.4	-7.0	445.7	999.9	99.9	999.9	104.1	55.
60.8	152.3	20623.7	50.0	-57.9	99.9	200.7	9.9*	3.5	9.2	507.1	999.9	99.9	999.9	105.6	55.
73.0	161.7	25063.4	25.0	-51.7	99.9	81.5	5.8	-5.7	-0.8	636.4	999.9	99.9	999.9	104.6	54.

* 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

4/

STATION NO. 353
OKLAHOMA CITY OKC

27 APRIL 1975
1715 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 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	392.0	962.1	23.3	17.7	160.0	11.8	-4.0	11.1	301.6	337.4	13.4	71.0	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	502.7	950.0	22.2	17.6	169.6	17.5	-3.2	17.2	301.5	337.4	13.5	75.1	0.5	353.
1.7	11.9	734.1	925.0	19.6	16.9	169.5	18.1	-3.3	17.8	301.1	336.5	13.3	84.7	1.6	350.
2.5	14.2	970.0	900.0	17.4	16.1	174.9	21.8	-1.9	21.7	301.2	335.7	12.9	91.7	2.6	351.
3.4	16.3	1211.0	875.0	16.0	14.6	187.0	24.0	2.9	23.8	302.0	334.5	12.1	91.7	3.9	354.
4.4	18.6	1457.9	850.0	15.3	12.9	200.2	27.8	9.6	26.1	303.7	333.8	11.1	85.0	5.3	359.
5.2	20.8	1711.3	825.0	14.0	12.0	207.5	31.0	14.3	27.5	304.8	334.3	10.8	87.8	6.7	5.
6.2	23.3	1971.4	800.0	13.2	12.9	213.3	31.2	17.2	26.1	306.8	339.2	11.8	97.8	8.5	10.
7.2	25.7	2239.1	775.0	11.9	11.4	212.1	29.9	15.9	25.3	308.1	338.7	11.1	97.1	10.2	14.
8.2	28.1	2514.0	750.0	10.9	10.3	208.2	30.1*	14.2	26.5	309.8	339.4	10.6	96.4	12.0	17.
9.3	30.8	2796.9	725.0	9.3	7.8	204.7	26.5*	11.1	24.1	310.9	337.1	9.3	90.3	13.8	18.
10.3	33.4	3088.2	700.0	9.5	2.3	198.2	24.6*	7.7	23.4	313.9	332.9	6.5	61.4	15.3	18.
11.3	35.9	3390.9	675.0	9.7	-5.3	194.7	27.8*	7.0	26.8	317.0	328.7	3.9	34.4	16.7	18.
12.5	38.8	3703.0	650.0	7.5	-8.5	190.9	26.6*	5.0	26.1	317.9	327.5	3.1	30.9	18.8	18.
13.8	41.4	4024.4	625.0	4.8	-7.0	190.6	27.2*	5.0	26.7	318.4	329.6	3.7	42.2	20.9	17.
15.1	44.3	4355.8	600.0	2.4	-15.8	194.4	27.6*	6.9	26.7	319.2	325.1	1.9	24.6	23.0	16.
16.5	47.4	4698.0	575.0	-0.4	-17.9	202.5	31.5*	12.1	29.1	319.8	325.0	1.6	25.1	25.6	17.
17.8	50.4	5051.4	550.0	-3.9	-17.2	206.9	28.8*	13.0	25.7	319.6	325.4	1.8	34.7	27.8	17.
19.1	53.4	5416.4	525.0	-7.3	-17.5	209.2	28.7*	14.0	25.1	319.8	325.7	1.8	43.7	30.2	18.
20.5	56.5	5794.4	500.0	-10.7	-19.9	210.4	35.1*	17.8	30.3	320.2	325.3	1.6	46.4	32.5	19.
21.9	59.9	6186.2	475.0	-14.3	-22.3	210.7	37.7*	19.2	32.4	320.4	324.8	1.3	50.7	35.9	20.
23.5	63.4	6593.3	450.0	-17.9	-31.9	212.9	30.5*	16.6	25.6	320.8	322.8	0.6	28.9	38.8	21.
25.0	66.9	7018.1	425.0	-20.8	-40.8	205.1	31.3*	13.3	28.3	322.2	323.1	0.2	14.6	41.8	22.
26.7	70.4	7463.9	400.0	-23.8	-44.9	202.2	29.6*	11.2	27.4	324.1	324.7	0.2	12.1	44.3	22.
28.5	74.3	7932.1	375.0	-27.0	-42.9	209.9	30.1*	15.0	26.1	325.8	326.6	0.2	21.8	48.0	22.
30.4	78.5	8426.0	350.0	-30.9	-43.3	211.2	40.7*	21.1	34.8	327.0	327.9	0.2	28.1	51.6	23.
32.5	82.6	8947.6	325.0	-34.9	-42.7	211.2	42.6*	22.0	36.5	328.5	329.5	0.3	44.3	56.7	23.
34.7	87.0	9501.4	300.0	-38.9	-46.0	219.6	28.4*	18.1	21.9	330.5	331.3	0.2	46.4	61.4	24.
36.9	91.8	10094.8	275.0	-43.2	99.9	215.5	49.4*	28.7	40.2	332.7	999.9	99.9	999.9	67.2	25.
39.2	96.6	10728.8	250.0	-48.9	99.9	212.0	48.7*	25.8	41.3	333.3	999.9	99.9	999.9	72.3	26.
42.1	102.0	11412.0	225.0	-54.0	99.9	246.0	18.4*	16.8	7.5	335.7	999.9	99.9	999.9	79.4	27.
45.1	107.6	12159.6	200.0	-59.5	99.9	224.5	50.0*	35.0	35.6	338.5	999.9	99.9	999.9	86.2	29.
48.1	113.7	12985.0	175.0	-63.6	99.9	218.2	68.4*	42.3	53.8	344.9	999.9	99.9	999.9	93.6	30.
51.4	120.3	13929.5	150.0	-62.7	99.9	238.7	14.7*	12.6	7.7	362.1	999.9	99.9	999.9	101.7	31.
55.3	127.8	15054.2	125.0	-63.8	99.9	237.9	14.5*	12.3	7.7	379.5	999.9	99.9	999.9	107.1	32.
59.8	136.0	16423.8	100.0	-65.3	99.9	215.1	16.4*	9.4	13.4	401.5	999.9	99.9	999.9	112.4	33.
65.6	144.0	18163.9	75.0	-65.0	99.9	161.2	7.7*	-2.5	7.3	436.7	999.9	99.9	999.9	115.2	33.
73.5	153.0	20669.7	50.0	-60.4	99.9	198.2	10.0*	3.1	9.5	501.1	999.9	99.9	999.9	116.9	31.
86.5	162.7	25094.2	25.0	-51.1	99.9	114.6	8.6	-7.8	3.6	638.3	999.9	99.9	999.9	113.5	29.

* 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

5

STATION NO. 340
LITTLE ROCK, ARK

27 APRIL 1975
1730 GMT

162 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	1006.4	27.2	20.0	200.0	2.6	0.9	2.4	301.8	341.4	14.9	65.0	0.0	0.
0.2	5.9	135.5	1000.0	26.1	18.3	176.9	1.4	-0.1	1.4	301.1	336.9	13.4	62.2	0.1	1.
0.8	7.8	358.3	975.0	24.0	17.4	167.6	1.4	-0.3	1.4	301.1	335.8	13.0	66.7	0.2	359.
1.6	10.0	585.1	950.0	21.6	16.7	163.2	7.2	-2.1	6.9	300.9	334.9	12.8	73.7	0.3	353.
2.4	11.9	816.3	925.0	19.5	15.3	181.2	8.2	0.2	8.1	300.9	332.7	11.9	76.3	0.7	350.
3.1	14.1	1052.1	900.0	17.7	14.8	187.5	10.5	1.4	10.5	301.3	333.3	11.9	83.3	1.1	356.
3.9	16.0	1293.1	875.0	16.9	11.8	189.3	15.5	2.5	15.3	302.7	329.9	10.0	71.6	1.7	0.
4.7	18.2	1540.7	850.0	16.4	8.2	193.1	16.8	3.8	16.4	304.5	326.9	8.1	58.1	2.5	4.
5.5	20.4	1794.7	825.0	15.3	5.3	192.4	15.9	3.4	15.5	305.7	324.8	6.8	51.3	3.3	6.
6.4	22.5	2054.9	800.0	13.5	4.6	189.5	16.3	2.7	16.1	306.4	325.3	6.7	55.1	4.2	7.
7.4	24.9	2321.4	775.0	11.5	3.3	191.9	15.3	3.2	15.0	307.0	324.8	6.3	57.1	5.1	7.
8.3	27.0	2595.0	750.0	11.4	-8.7	197.8	14.0	4.3	13.3	309.3	317.3	2.6	23.4	5.9	8.
9.3	29.5	2878.5	725.0	11.9	-18.5	205.4	13.8	5.9	12.5	312.7	316.6	1.2	10.2	6.7	10.
10.2	31.9	3171.2	700.0	10.8	-16.4	212.6	14.2	7.6	11.9	314.6	319.4	1.5	13.2	7.4	12.
11.1	34.5	3472.7	675.0	8.3	-16.0	219.0	11.7	7.4	9.1	315.1	320.3	1.6	16.0	8.1	14.
12.0	36.8	3783.2	650.0	6.5	-13.8	227.3	9.8	7.2	6.7	316.6	323.0	2.0	21.8	8.6	16.
13.1	39.6	4103.4	625.0	4.0	-11.0	229.6	11.3	8.6	7.3	317.3	325.6	2.7	32.8	9.1	18.
14.1	42.0	4433.8	600.0	1.5	-8.8	233.3	12.0	9.6	7.2	318.2	328.3	3.3	46.1	9.7	21.
15.3	45.0	4775.1	575.0	-1.4	-9.5	230.3	13.1	10.1	8.4	318.7	328.7	3.2	54.1	10.5	23.
16.4	47.8	5128.0	550.0	-4.3	-10.6	225.9	12.4	8.9	8.7	319.4	329.0	3.1	61.2	11.3	25.
17.6	50.6	5493.1	525.0	-7.1	-12.0	217.2	11.3	6.8	9.0	320.2	329.4	2.9	68.0	12.1	26.
18.8	53.6	5871.4	500.0	-10.5	-15.5	204.6	9.9	4.1	9.0	320.4	327.7	2.3	66.7	12.9	26.
20.1	56.6	6263.9	475.0	-13.7	-21.4	205.2	10.9	4.7	9.9	321.2	325.9	1.5	51.9	13.7	26.
21.5	60.0	6672.2	450.0	-17.0	-23.6	218.0	14.1	8.7	11.1	321.9	326.1	1.3	56.4	14.7	27.
22.8	63.4	7099.6	425.0	-19.2	-22.5	232.5	16.7	13.2	10.1	324.5	329.4	1.5	74.9	15.9	28.
24.3	66.7	7548.2	400.0	-21.6	-32.3	248.7	16.5	15.3	6.0	326.9	329.2	0.7	39.9	17.1	31.
25.8	70.4	8020.9	375.0	-24.8	-45.3	253.0	19.3	18.5	5.6	328.7	329.4	0.2	13.9	18.4	34.
27.5	74.2	8519.1	350.0	-28.7	-50.2	260.0	15.9	15.7	2.8	330.0	330.4	0.1	10.5	19.8	37.
29.3	78.2	9044.9	325.0	-33.1	-52.5	265.9	18.0	17.9	1.3	331.0	331.3	0.1	12.2	21.1	41.
31.2	82.3	9602.3	300.0	-37.5	-46.5	260.2	19.3	19.0	3.3	332.4	333.1	0.2	38.1	22.6	45.
33.1	86.6	10197.6	275.0	-41.5	99.9	260.4	18.3	18.0	3.1	335.2	999.9	99.9	999.9	24.6	48.
35.1	91.4	10838.3	250.0	-46.0	99.9	265.1	17.1	17.1	1.5	337.6	999.9	99.9	999.9	26.2	50.
37.2	96.5	11529.5	225.0	-52.2	99.9	261.2	17.9	17.7	2.7	338.6	999.9	99.9	999.9	28.2	53.
39.6	102.2	12279.6	200.0	-59.2	99.9	263.3	18.5	18.4	2.1	339.0	999.9	99.9	999.9	30.4	55.
42.0	108.5	13102.3	175.0	-66.3	99.9	263.4	23.2	23.0	2.7	340.5	999.9	99.9	999.9	33.5	57.
44.9	115.5	14025.0	150.0	-70.5	99.9	252.6	26.5	25.3	8.0	348.7	999.9	99.9	999.9	37.5	59.
48.5	123.7	15127.0	125.0	-64.2	99.9	275.3	15.4	15.3	-1.4	378.8	999.9	99.9	999.9	42.1	62.
52.7	132.7	16480.8	100.0	-69.2	99.9	279.3	15.6	15.4	-2.5	394.0	999.9	99.9	999.9	45.6	64.
57.7	142.0	18194.8	75.0	-69.4	99.9	304.8	7.4	6.1	-4.2	427.4	999.9	99.9	999.9	48.1	66.
64.9	152.3	20680.8	50.0	-60.4	99.9	103.3	5.6	-5.4	1.3	501.2	999.9	99.9	999.9	47.4	67.
76.0	162.7	25104.0	25.0	-51.9	99.9	104.3	6.4	-6.2	1.6	635.8	999.9	99.9	999.9	44.4	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

7b

STATION NO. 365
ALBUQUERQUE, N MEX

27 APRIL 1975
1715 GMT

142 11. 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	20.4	1619.0	832.8	9.1	-5.9	290.0	12.9	12.1	-4.4	297.8	306.3	3.0	34.0	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	21.1	1696.3	825.0	5.2	-13.8	279.5	30.8	30.4	-5.1	294.3	299.0	1.6	23.8	0.3	102.
1.3	23.5	1946.3	800.0	2.6	-14.6	279.1	21.6	21.3	-3.4	294.1	298.6	1.5	26.6	1.5	100.
1.9	25.7	2202.2	775.0	0.8	-15.0	280.2	19.6	19.3	-3.5	294.8	299.3	1.5	29.5	2.3	100.
2.5	28.1	2464.2	750.0	-1.7	-14.9	282.3	15.4	15.1	-3.3	295.0	299.7	1.6	35.6	2.9	100.
3.1	30.7	2732.7	725.0	-4.7	-15.8	275.4	14.3	14.2	-1.4	294.5	299.0	1.5	41.3	3.4	100.
3.9	33.2	3007.3	700.0	-7.7	-16.2	268.9	15.5	15.5	0.3	294.1	298.6	1.5	50.2	4.1	98.
4.8	35.7	3289.0	675.0	-10.5	-16.6	268.0	17.4	17.4	0.6	294.1	298.6	1.5	61.1	4.9	97.
5.9	38.3	3578.2	650.0	-12.9	-19.9	269.6	18.1	18.1	0.1	294.5	298.1	1.2	55.3	6.1	95.
7.1	40.9	3875.9	625.0	-15.5	-20.3	264.5	17.1	17.0	1.6	294.8	298.4	1.2	66.6	7.4	94.
8.5	43.7	4182.9	600.0	-17.9	-25.6	253.5	16.0	15.3	4.5	295.5	298.0	0.8	52.1	8.4	92.
9.0	46.6	4499.9	575.0	-20.3	-32.2	247.6	15.4	14.2	5.9	296.3	297.7	0.4	33.4	9.2	90.
10.0	49.6	4827.5	550.0	-23.1	-35.1	247.2	16.0	14.7	6.2	296.7	297.8	0.3	32.2	10.0	88.
11.0	52.4	5165.8	525.0	-26.5	-37.8	246.2	17.4	15.9	7.0	296.6	297.5	0.3	33.2	10.9	86.
12.1	55.4	5516.3	500.0	-29.6	-38.6	243.9	20.2	18.1	8.9	296.9	297.8	0.3	41.2	12.1	84.
13.2	58.5	5880.2	475.0	-31.8	-41.6	240.0	25.5	22.1	12.7	298.5	299.2	0.2	37.0	13.4	82.
14.3	61.9	6260.4	450.0	-33.8	-45.3	238.2	33.7	28.6	17.8	300.7	301.2	0.1	30.0	15.4	79.
16.0	65.3	6663.4	425.0	-31.3	-49.6	228.0	43.5	32.3	29.1	308.9	309.2	0.1	14.3	19.0	74.
17.8	68.7	7092.5	400.0	-31.9	-51.2	227.9	50.4	37.4	33.8	313.5	313.8	0.1	12.5	23.6	68.
19.1	72.1	7548.1	375.0	-32.8	-51.9	225.6	51.4	36.7	35.9	318.1	318.4	0.1	12.6	27.5	65.
20.5	76.0	8032.0	350.0	-34.8	-53.5	223.6	53.2	36.7	38.5	321.7	322.0	0.1	12.8	31.4	62.
22.5	80.0	8547.4	325.0	-37.2	-55.3	224.6	53.4*	37.5	38.0	325.3	325.6	0.1	13.1	37.1	59.
24.6	84.0	9098.6	300.0	-39.4	-56.9	217.9	48.0*	29.5	37.9	329.8	330.0	0.1	13.3	44.2	57.
26.8	88.3	9695.2	275.0	-39.7	-57.2	224.8	42.3*	29.8	30.0	337.7	337.9	0.1	13.3	49.4	55.
29.0	93.2	10346.7	250.0	-40.9	99.9	216.7	34.5*	20.7	27.8	345.2	999.9	99.9	999.9	54.1	54.
31.5	98.0	11057.9	225.0	-43.7	99.9	211.9	43.3*	22.9	36.8	351.5	999.9	99.9	999.9	59.7	52.
34.1	103.3	11844.7	200.0	-46.7	99.9	222.1	39.6*	26.6	29.4	358.9	999.9	99.9	999.9	66.0	50.
36.9	109.3	12721.6	175.0	-52.0	99.9	214.6	40.5*	23.0	33.3	364.1	999.9	99.9	999.9	72.0	49.
40.7	115.4	13723.8	150.0	-48.0	99.9	228.9	25.6*	19.3	16.8	387.4	999.9	99.9	999.9	80.1	48.
44.1	122.3	14920.1	125.0	-53.4	99.9	206.7	12.9*	5.8	11.5	398.3	999.9	99.9	999.9	83.9	48.
48.8	130.3	16334.1	100.0	-58.3	99.9	203.4	22.3*	8.8	20.4	415.1	999.9	99.9	999.9	88.8	47.
53.9	138.3	18118.5	75.0	-61.4	99.9	165.7	4.3*	-1.1	4.2	444.2	999.9	99.9	999.9	92.3	46.
62.0	147.0	20655.2	50.0	-58.2	99.9	210.8	4.3	2.2	3.7	506.5	999.9	99.9	999.9	94.0	44.
73.2	155.8	25109.8	25.0	-51.3	99.9	76.4	2.8	-2.7	-0.7	637.8	999.9	99.9	999.9	93.6	42.

* 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

77

STATION NO. 363
AMARILLO, TEX

27 APRIL 1975
1810 GMT

133 60. 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	14.8	1095.0	881.1	22.6	-1.5	240.0	16.7	14.5	8.4	307.2	318.6	3.9	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	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.
0.2	15.3	1155.2	875.0	20.8	-1.6	220.3	16.6	10.7	12.6	305.9	317.3	3.9	22.2	0.8	64.
0.9	17.4	1404.3	850.0	18.5	-3.2	228.2	16.9	12.6	11.3	306.0	316.4	3.6	22.7	1.2	57.
1.6	19.7	1658.6	825.0	15.8	-4.4	239.2	20.6	17.7	10.6	305.7	315.5	3.3	24.6	2.0	56.
2.3	21.9	1918.2	800.0	13.2	-5.3	241.0	21.0	18.4	10.2	305.6	315.1	3.2	27.1	2.8	57.
3.2	24.3	2183.7	775.0	10.5	-6.0	240.7	20.2	17.6	9.9	305.5	314.8	3.2	30.6	4.0	59.
4.2	26.6	2455.5	750.0	8.1	-6.8	234.4	20.7	16.8	12.1	305.7	314.8	3.1	34.1	5.2	59.
5.0	29.1	2734.2	725.0	6.1	-8.6	229.9	24.6	18.9	15.9	306.5	314.7	2.8	33.8	6.3	58.
5.9	31.7	3020.4	700.0	3.7	-9.6	223.0	27.1	18.5	19.8	306.9	314.8	2.6	37.2	7.6	56.
6.7	34.3	3315.1	675.0	3.0	-12.8	209.1	27.5	13.4	24.0	309.2	315.7	2.1	30.2	8.8	53.
7.6	36.9	3619.8	650.0	1.1	-14.7	200.9	29.9	10.6	27.9	310.5	316.3	1.9	29.3	10.1	48.
8.6	39.6	3934.2	625.0	-0.7	-17.6	198.7	31.6	10.1	29.9	311.8	316.7	1.5	26.5	11.8	44.
9.6	42.2	4258.8	600.0	-3.4	-21.4	201.2	33.2	12.0	31.0	312.3	316.0	1.2	23.2	13.5	40.
10.5	45.1	4594.2	575.0	-4.8	-25.9	207.9	35.7	16.7	31.6	314.5	317.1	0.8	17.1	15.5	38.
11.4	48.1	4942.4	550.0	-7.2	-25.8	211.2	40.0	20.7	34.2	315.6	318.4	0.8	21.0	17.5	38.
12.5	50.9	5302.6	525.0	-10.7	-26.5	210.1	41.5	20.8	35.9	315.6	318.4	0.8	25.9	20.1	37.
13.6	54.0	5675.8	500.0	-13.5	-25.2	204.1	40.8	16.7	37.3	316.6	319.8	1.0	36.4	22.8	36.
14.8	57.0	6064.5	475.0	-16.2	-18.7	202.8	42.5	16.5	39.2	318.1	324.0	1.8	80.0	25.8	34.
16.1	60.3	6469.7	450.0	-18.6	-32.9	201.6	43.5*	16.1	40.5	319.8	321.7	0.5	27.3	29.3	33.
17.4	63.8	6893.4	425.0	-21.5	-37.1	200.7	38.6*	13.6	36.2	321.4	322.7	0.4	22.8	32.3	32.
18.6	67.1	7337.9	400.0	-24.0	-40.3	203.8	46.2*	18.7	42.3	323.8	324.8	0.3	20.4	35.3	31.
19.9	70.8	7806.4	375.0	-27.1	-42.9	205.5	48.3*	20.8	43.5	325.6	326.5	0.2	20.7	38.8	30.
21.2	74.7	8299.8	350.0	-30.8	-45.9	205.3	44.1*	18.8	39.9	327.2	327.8	0.2	20.9	42.4	30.
22.5	78.7	8822.5	325.0	-34.2	-48.7	202.8	50.4*	19.5	46.4	329.5	330.0	0.1	21.1	45.7	29.
24.1	82.8	9377.2	300.0	-39.1	99.9	204.1	58.4*	23.8	53.3	330.3	999.9	99.9	999.9	51.9	29.
25.6	87.0	9967.9	275.0	-43.7	99.9	204.5	40.8*	17.0	37.2	332.0	999.9	99.9	999.9	56.2	28.
27.3	91.8	10602.2	250.0	-48.6	99.9	204.5	35.9*	14.9	32.7	333.9	999.9	99.9	999.9	59.5	28.
29.1	96.8	11286.8	225.0	-54.1	99.9	207.9	56.0*	26.2	49.5	335.7	999.9	99.9	999.9	64.6	28.
31.1	102.0	12038.3	200.0	-56.2	99.9	208.0	46.8*	22.0	41.3	343.8	999.9	99.9	999.9	70.6	28.
33.2	108.3	12884.7	175.0	-55.5	99.9	214.6	31.0*	17.6	25.5	358.3	999.9	99.9	999.9	76.1	28.
35.5	114.8	13866.8	150.0	-57.1	99.9	200.5	32.6*	11.4	30.6	371.8	999.9	99.9	999.9	79.2	28.
38.1	122.0	15013.8	125.0	-60.2	99.9	208.1	41.8*	19.7	36.9	386.0	999.9	99.9	999.9	86.7	28.
41.6	130.7	16398.9	100.0	-62.9	99.9	208.2	21.4*	10.1	18.8	406.2	999.9	99.9	999.9	89.6	28.
45.8	140.0	18151.4	75.0	-62.8	99.9	172.2	14.8*	-2.0	14.7	441.2	999.9	99.9	999.9	93.8	27.
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. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
1739 GMT

123 124. 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	5.7	180.0	998.0	27.1	17.3	110.0	2.1	-2.0	0.7	302.1	335.9	12.6	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	999.9	99.9	999.9	999.9	999.
0.9	7.5	385.3	975.0	24.2	14.6	232.0	2.2	1.8	1.4	301.0	330.1	10.8	55.1	0.1	329.
2.0	9.6	612.2	950.0	22.2	14.2	203.8	3.3	1.3	3.0	301.2	330.4	10.8	60.6	0.2	12.
3.0	11.4	843.2	925.0	19.0	12.6	196.3	3.3	0.9	3.1	300.1	327.0	10.0	66.4	0.4	15.
4.1	13.6	1078.2	900.0	16.8	12.4	217.1	3.9	2.3	3.1	300.2	327.4	10.1	75.0	0.6	18.
5.2	15.6	1318.4	875.0	15.7	10.1	227.9	4.0	3.0	2.7	301.3	325.7	9.0	69.4	0.9	27.
6.4	17.7	1564.5	850.0	14.9	8.6	227.5	5.6	4.2	3.8	302.9	325.8	8.3	66.0	1.2	32.
7.5	20.0	1816.8	825.0	13.6	5.3	219.6	5.4	3.4	4.1	303.9	322.9	6.8	57.3	1.6	36.
8.5	22.1	2075.4	800.0	11.6	2.6	206.4	5.2	2.3	4.7	304.3	320.6	5.8	53.8	1.9	35.
9.5	24.5	2340.4	775.0	9.6	1.9	207.1	5.9	2.7	5.3	304.9	321.0	5.7	58.4	2.2	34.
10.5	26.6	2612.0	750.0	7.7	2.0	206.5	6.1	2.7	5.5	305.7	322.5	5.9	67.3	2.6	33.
11.4	29.1	2890.7	725.0	5.6	2.3	205.6	5.8	2.5	5.2	306.4	324.2	6.3	79.1	2.9	32.
12.8	31.7	3177.3	700.0	3.8	-1.8	222.1	3.8	2.6	2.8	307.3	321.3	4.8	67.2	3.4	32.
14.0	34.3	3472.8	675.0	3.3	-15.2	256.5	1.7	1.7	0.4	309.6	315.0	1.8	24.4	3.5	33.
15.2	36.8	3778.6	650.0	2.7	-19.3	287.5	2.0	1.9	-0.6	312.2	316.2	1.3	17.9	3.6	34.
16.4	39.5	4094.6	625.0	0.7	-19.6	314.5	5.2	3.7	-3.6	313.4	317.5	1.3	20.2	3.6	38.
17.7	42.1	4421.0	600.0	-1.8	-13.4	315.1	7.8	5.5	-5.5	314.3	321.3	2.3	40.6	3.5	47.
18.9	45.0	4758.1	575.0	-4.0	-12.8	318.1	8.7	5.8	-6.5	315.5	323.3	2.5	50.6	3.6	56.
20.4	48.0	5107.4	550.0	-6.6	-15.3	322.2	7.4	4.5	-5.8	316.5	323.1	2.1	49.8	3.7	68.
21.7	50.9	5469.1	525.0	-9.2	-16.2	332.9	8.6	3.9	-7.7	317.6	324.1	2.1	56.7	3.9	76.
23.3	54.1	5844.7	500.0	-11.6	-20.0	335.0	11.4	4.8	-10.3	319.0	324.0	1.6	49.6	4.2	88.
24.8	57.3	6236.1	475.0	-14.3	-24.1	333.1	13.3	6.0	-11.9	320.4	324.1	1.1	43.0	4.8	102.
26.3	60.7	6643.9	450.0	-17.4	-27.1	319.9	14.2	9.2	-10.9	321.4	324.5	0.9	42.7	5.7	111.
27.9	64.3	7069.6	425.0	-20.5	-30.5	308.2	15.2	12.0	-9.4	322.8	325.2	0.7	40.1	7.0	115.
29.6	67.8	7516.5	400.0	-22.7	-39.4	307.5	16.1	12.8	-9.8	325.5	326.6	0.3	20.0	8.6	117.
31.3	71.7	7986.3	375.0	-27.1	-36.7	309.3	19.8	15.3	-12.6	325.7	327.2	0.4	39.4	10.3	119.
33.1	75.7	8480.9	350.0	-29.8	-42.5	320.2	17.2	11.0	-13.2	328.5	329.4	0.3	27.8	12.2	121.
35.0	80.1	9005.0	325.0	-33.6	-50.9	328.3	15.3	8.0	-13.0	330.2	330.6	0.1	15.5	14.0	125.
36.9	84.4	9561.7	300.0	-38.0	-57.0	310.8	14.4	10.9	-9.4	331.8	332.0	0.1	11.3	15.6	126.
38.9	89.2	10154.8	275.0	-43.1	99.9	308.2	16.5	13.0	-10.2	332.8	999.9	99.9	999.9	17.4	126.
40.9	94.5	10789.0	250.0	-49.1	99.9	307.7	18.1	14.3	-11.1	333.0	999.9	99.9	999.9	19.6	127.
43.2	100.0	11470.9	225.0	-55.0	99.9	311.2	18.7	14.1	-12.3	334.2	999.9	99.9	999.9	22.1	127.
45.6	105.8	12212.8	200.0	-61.5	99.9	309.0	24.5	19.0	-15.4	335.4	999.9	99.9	999.9	25.0	127.
48.2	112.0	13030.0	175.0	-66.7	99.9	307.3	31.3	24.8	-19.0	339.9	999.9	99.9	999.9	29.6	127.
51.3	119.0	13948.9	150.0	-71.7	99.9	315.0	25.7	18.2	-18.2	346.6	999.9	99.9	999.9	35.0	128.
55.1	126.7	15031.4	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.
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. 456
TOPEKA, KAN

27 APRIL 1975
1715 GMT

153 25. 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	6.3	268.0	976.5	22.8	19.0	170.0	7.2	-1.3	7.1	299.9	337.7	14.3	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	999.9	99.9	999.9	999.9	999.
0.1	6.4	281.5	975.0	22.8	19.1	172.3	7.9	-1.1	7.9	300.1	338.2	14.4	79.5	0.1	360.
1.0	8.5	508.3	950.0	21.2	18.8	180.5	12.6	0.1	12.6	300.7	339.2	14.5	85.8	0.7	359.
1.8	10.5	739.6	925.0	19.4	17.9	185.4	16.9	1.6	16.8	301.1	338.7	14.1	91.0	1.4	0.
2.8	12.5	975.5	900.0	17.6	16.6	191.9	22.3	4.6	21.9	301.4	337.1	13.3	93.7	2.4	4.
3.7	14.6	1216.5	875.0	15.9	15.0	197.1	23.5	6.9	22.4	302.0	335.3	12.4	94.2	3.8	8.
4.7	16.6	1463.2	850.0	14.7	13.8	206.8	23.2	10.4	20.7	303.2	335.0	11.8	94.1	5.1	11.
5.8	18.9	1716.3	825.0	14.0	13.0	213.3	21.8	12.0	18.2	304.9	336.4	11.5	94.0	6.5	16.
6.8	20.9	1976.4	800.0	13.0	12.0	212.6	19.8	10.7	16.7	306.5	337.1	11.1	93.9	7.7	19.
7.8	23.2	2243.7	775.0	11.7	10.8	209.8	20.9	10.4	18.1	307.8	337.2	10.6	94.0	8.9	20.
8.9	25.5	2518.6	750.0	10.4	9.4	209.3	17.5	8.6	15.3	309.2	337.1	10.0	93.4	10.2	21.
9.9	27.8	2801.0	725.0	9.3	8.2	211.0	16.3	8.4	14.0	310.9	337.8	9.5	93.3	11.2	22.
11.0	30.3	3091.7	700.0	7.1	5.5	211.1	19.0	9.8	16.2	311.5	334.7	8.2	89.3	12.3	23.
12.1	32.8	3390.8	675.0	7.0	-6.9	206.8	22.5	10.1	20.0	313.9	324.6	3.6	39.0	13.6	24.
13.3	35.3	3701.0	650.0	5.9	-4.3	204.4	22.9	9.5	20.9	316.1	329.1	4.3	48.1	15.3	24.
14.3	37.8	4021.1	625.0	3.8	-7.0	206.1	22.1	9.7	19.8	317.2	328.3	3.6	45.1	16.7	24.
15.5	40.5	4351.5	600.0	1.4	-16.9	212.7	20.5	11.1	17.2	317.9	323.4	1.7	24.3	18.2	24.
16.8	43.1	4692.0	575.0	-1.6	-24.9	213.2	21.0	11.5	17.5	318.2	321.1	0.9	14.8	19.9	25.
18.3	46.0	5043.8	550.0	-4.6	-37.8	218.1	21.3	13.1	16.8	318.6	319.6	0.3	5.3	21.5	26.
19.8	48.9	5407.9	525.0	-7.7	-31.4	222.7	22.2	15.1	16.4	319.1	321.0	0.5	12.9	23.7	27.
21.4	51.6	5785.1	500.0	-10.9	-27.4	226.4	24.8	17.9	17.1	319.8	322.5	0.8	24.1	25.7	29.
23.1	54.8	6177.0	475.0	-14.1	-36.3	219.6	27.8	17.7	21.4	320.5	321.7	0.4	13.2	28.4	30.
24.8	57.9	6584.3	450.0	-17.8	-41.8	223.9	27.1	18.8	19.5	320.9	321.7	0.2	10.1	30.9	31.
26.6	61.1	7009.7	425.0	-20.3	-50.6	219.4	28.9	18.4	22.3	322.9	323.3	0.1	4.8	33.9	32.
28.4	64.7	7456.7	400.0	-23.3	-52.1	219.9	25.9	16.6	19.9	324.6	324.9	0.1	5.5	36.7	32.
30.2	68.0	7925.2	375.0	-27.2	-40.5	224.9	29.9	21.1	21.2	325.5	326.6	0.3	26.9	40.0	33.
32.2	71.6	8419.9	350.0	-29.6	-41.2	230.9	28.7	22.2	18.1	328.8	329.8	0.3	31.1	43.3	35.
34.1	75.5	8944.0	325.0	-33.9	-47.7	227.7	28.1	20.8	18.9	329.9	330.5	0.2	23.1	46.2	36.
36.1	79.7	9499.6	300.0	-38.4	-49.8	224.0	29.2	20.3	21.0	331.2	331.7	0.1	28.7	49.5	36.
38.0	83.8	10091.3	275.0	-43.6	99.9	226.6	26.9	19.5	18.5	332.1	999.9	99.9	999.9	53.2	37.
40.5	88.2	10724.3	250.0	-48.4	99.9	226.7	37.6*	27.4	25.8	334.2	999.9	99.9	999.9	57.7	38.
43.2	93.2	11411.3	225.0	-53.0	99.9	239.4	15.7*	13.5	8.0	337.4	999.9	99.9	999.9	61.4	39.
45.9	98.4	12161.2	200.0	-58.6	99.9	235.6	23.4	19.3	13.2	340.0	999.9	99.9	999.9	64.1	39.
48.7	104.0	12986.9	175.0	-65.5	99.9	236.2	18.8	15.6	10.5	341.9	999.9	99.9	999.9	68.3	40.
52.0	110.5	13917.7	150.0	-65.3	99.9	231.7	27.7	21.8	17.2	357.7	999.9	99.9	999.9	73.1	41.
56.1	117.5	15045.3	125.0	-61.3	99.9	237.6	14.0	11.8	7.5	384.0	999.9	99.9	999.9	78.9	42.
61.0	126.0	16416.6	100.0	-64.3	99.9	218.2	14.9	9.2	11.7	403.5	999.9	99.9	999.9	81.7	43.
66.9	135.7	18190.7	75.0	-62.0	99.9	134.7	2.9	-2.1	2.0	442.9	999.9	99.9	999.9	84.4	43.
76.2	146.5	20718.8	50.0	-58.8	99.9	107.3	5.1	-4.9	1.5	504.9	999.9	99.9	999.9	83.1	42.
89.6	158.0	25159.1	25.0	-50.8	99.9	999.9	99.9	99.9	99.9	638.6	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

27 April 1975

2100 GMT

81-49

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
2100 GMT

165 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	44.0	1010.6	29.0	17.5	160.0	3.6	-1.2	3.4	303.0	336.9	12.6	50.0	0.0	0.
0.3	5.0	137.8	1000.0	28.0	14.6	171.0	4.5	-0.7	4.5	302.6	331.1	10.5	43.8	0.1	345.
1.0	6.9	362.1	975.0	26.4	15.2	167.4	5.1	-1.1	5.0	303.2	333.7	11.2	50.2	0.2	348.
1.8	9.2	590.6	950.0	24.0	14.3	171.7	5.8	-0.8	5.7	303.0	332.6	10.9	54.8	0.5	348.
2.7	11.2	823.4	925.0	21.9	13.6	174.9	5.4	-0.5	5.4	303.1	332.1	10.7	59.3	0.8	350.
3.5	13.5	1061.0	900.0	19.9	13.6	178.7	5.2	-0.1	5.2	303.5	333.3	11.0	66.9	1.1	352.
4.3	15.8	1303.5	875.0	18.0	11.8	183.4	5.3	0.3	5.3	303.8	331.2	10.0	67.1	1.3	353.
5.1	18.1	1551.1	850.0	16.0	9.7	202.4	5.1	2.0	4.7	304.1	328.8	9.0	66.2	1.6	356.
5.9	20.4	1804.7	825.0	14.3	8.3	203.9	4.3	1.8	4.0	304.8	328.0	8.4	67.2	1.8	360.
6.8	22.7	2064.0	800.0	12.3	7.3	216.0	4.0	2.3	3.2	305.3	327.8	8.1	71.6	2.0	3.
7.7	25.2	2329.8	775.0	10.3	5.5	240.8	3.8	3.3	1.8	305.8	326.5	7.4	72.6	2.1	7.
8.6	27.6	2602.3	750.0	8.5	4.1	271.7	3.8	3.8	-0.1	306.7	326.1	6.9	73.8	2.2	12.
9.6	30.2	2882.2	725.0	7.0	2.2	292.0	4.0	3.7	-1.5	308.0	325.8	6.2	71.5	2.2	18.
10.5	32.9	3170.2	700.0	5.3	0.3	298.4	5.2	4.6	-2.5	309.0	325.2	5.6	70.3	2.2	24.
11.3	35.5	3467.0	675.0	3.3	-0.9	303.3	6.0	5.0	-3.3	310.1	325.5	5.3	73.7	2.2	32.
12.2	38.2	3772.4	650.0	1.8	-6.3	303.7	5.7	4.7	-3.1	311.4	322.4	3.7	54.9	2.2	40.
13.2	40.9	4087.6	625.0	-0.2	-12.0	304.7	5.2	4.3	-3.0	312.5	320.0	2.4	40.3	2.2	48.
14.1	43.8	4413.2	600.0	-1.8	-22.5	304.4	6.6	5.4	-3.7	314.1	317.5	1.1	19.1	2.3	55.
15.2	46.9	4750.7	575.0	-3.3	-36.1	303.1	9.3	7.8	-5.1	316.1	317.1	0.3	5.8	2.6	66.
16.2	50.0	5100.3	550.0	-5.4	-25.5	309.2	9.9	7.7	-6.3	317.7	320.6	0.9	18.7	2.9	76.
17.4	53.0	5463.6	525.0	-7.7	-48.7	322.0	9.4	5.8	-7.4	319.2	319.5	0.1	2.1	3.4	87.
18.5	56.0	5841.6	500.0	-9.9	-32.0	333.7	8.8	3.9	-7.9	321.0	322.8	0.5	14.3	3.7	95.
19.9	59.5	6235.4	475.0	-12.9	-39.5	338.0	8.0	3.0	-7.4	321.9	322.9	0.3	8.6	4.1	105.
21.3	63.0	6645.7	450.0	-14.7	-24.9	345.3	6.9	1.7	-6.7	324.9	328.6	1.1	41.1	4.5	111.
22.7	66.4	7076.5	425.0	-17.6	-29.0	1.7	7.7	-0.2	-7.7	326.5	329.4	0.9	38.1	4.7	117.
23.9	70.3	7527.5	400.0	-21.4	-25.3	351.0	9.5	1.5	-9.4	327.2	331.4	1.2	70.9	5.1	123.
25.3	74.0	8000.2	375.0	-24.8	-28.9	339.0	9.3	3.3	-8.7	328.8	332.0	0.9	68.4	5.7	129.
26.9	78.2	8498.4	350.0	-28.6	-33.2	326.6	10.8	6.0	-9.1	330.2	332.5	0.7	64.4	6.5	132.
28.5	82.4	9025.0	325.0	-32.8	-37.2	333.6	11.9	5.3	-10.6	331.4	333.1	0.5	64.6	7.6	134.
30.1	86.8	9582.9	300.0	-37.7	-41.9	335.3	14.1	5.9	-12.8	332.2	333.4	0.3	64.3	8.8	137.
31.9	91.6	10176.2	275.0	-42.4	99.9	341.7	22.8	7.2	-21.7	333.8	999.9	99.9	999.9	10.6	141.
33.9	96.6	10814.2	250.0	-47.0	99.9	342.9	25.0	7.3	-23.9	336.2	999.9	99.9	999.9	13.4	146.
36.2	102.0	11503.6	225.0	-52.7	99.9	330.9	21.3	10.4	-18.6	337.8	999.9	99.9	999.9	16.6	148.
38.5	108.0	12253.2	200.0	-59.2	99.9	330.6	23.3	11.4	-20.3	339.1	999.9	99.9	999.9	19.5	148.
41.0	114.3	13077.2	175.0	-65.0	99.9	330.2	34.1	17.0	-29.6	342.6	999.9	99.9	999.9	23.7	149.
44.2	121.3	14000.0	150.0	-72.4	99.9	327.3	31.6	17.1	-26.6	345.4	999.9	99.9	999.9	30.0	149.
48.5	129.0	15078.5	125.0	-67.2	99.9	326.2	30.0	16.7	-24.9	373.3	999.9	99.9	999.9	37.8	148.
52.9	137.0	16424.4	100.0	-68.5	99.9	326.1	29.9	16.7	-24.8	395.5	999.9	99.9	999.9	46.2	147.
59.3	145.5	18148.7	75.0	-66.9	99.9	327.7	10.3	5.5	-8.7	432.6	999.9	99.9	999.9	54.0	147.
67.8	154.5	20639.5	50.0	-61.1	99.9	77.4	5.7	-5.6	-1.2	499.5	999.9	99.9	999.9	57.2	148.
80.8	164.0	25073.5	25.0	-53.8	99.9	3.9	3.3	-0.2	-3.3	630.1	999.9	99.9	999.9	58.2	148.

* 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. 232
BOOTHVILLE, LA

27 APRIL 1975
2015 GMT

166 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	4.6	1.0	1016.9	25.8	21.9	140.0	5.1	-3.3	3.9	299.8	343.1	16.5	79.0	0.0	0.
0.6	6.0	148.0	1000.0	22.7	20.3	131.6	6.4	-4.8	4.2	297.9	337.7	15.2	86.3	0.3	309.
1.7	8.4	368.7	975.0	20.8	19.3	146.1	7.7	-4.3	6.4	298.1	336.5	14.7	91.3	0.8	315.
2.7	10.8	593.6	950.0	19.1	17.0	158.5	8.1	-3.0	7.5	298.4	332.6	13.0	87.4	1.2	321.
3.7	13.2	823.1	925.0	18.9	9.8	172.4	7.6	-1.0	7.5	299.8	322.2	8.3	55.2	1.7	328.
4.7	15.7	1058.5	900.0	18.1	9.4	171.4	9.4	-1.4	9.2	301.2	323.8	8.3	56.9	2.2	334.
5.6	18.1	1299.1	875.0	16.1	7.6	177.0	8.2	-0.4	8.2	301.5	322.2	7.5	56.9	2.7	337.
6.6	20.7	1545.1	850.0	14.4	6.8	179.4	7.1	-0.1	7.1	302.2	322.5	7.3	60.4	3.0	340.
7.6	23.2	1796.8	825.0	13.1	3.1	162.5	6.5	-1.9	6.2	303.2	319.8	5.9	51.4	3.4	342.
8.7	25.8	2056.3	800.0	14.4	0.1	151.6	4.8	-2.3	4.2	307.1	321.1	4.8	37.6	3.8	342.
9.8	28.6	2323.7	775.0	12.6	-1.4	136.0	4.1	-2.8	2.9	308.0	321.1	4.5	38.0	4.1	340.
10.9	31.3	2598.0	750.0	11.0	-5.8	134.9	4.6	-3.3	3.2	308.9	318.8	3.3	30.4	4.3	339.
12.0	34.2	2879.9	725.0	9.9	-11.6	138.7	4.0	-2.6	3.0	310.6	317.2	2.2	20.6	4.6	337.
13.1	36.8	3170.3	700.0	8.6	-15.6	129.5	1.7	-1.3	1.1	312.2	317.3	1.6	16.2	4.8	337.
14.3	39.8	3470.1	675.0	7.3	-14.8	95.3	2.9	-2.9	0.3	314.0	319.7	1.8	19.0	4.8	335.
15.5	42.4	3779.7	650.0	5.7	-16.3	91.1	3.4	-3.4	0.1	315.6	320.8	1.6	18.7	5.0	333.
16.7	45.5	4099.2	625.0	3.6	-16.7	55.4	4.8	-3.9	-2.7	316.7	322.0	1.6	20.9	5.1	330.
18.0	48.6	4429.2	600.0	1.7	-21.8	44.9	5.8	-4.1	-4.1	318.1	321.8	1.1	15.6	5.0	325.
19.3	51.6	4770.9	575.0	0.0	-25.9	43.6	5.9	-4.0	-4.3	320.1	322.8	0.8	12.1	4.9	320.
20.6	54.9	5125.5	550.0	-2.2	-20.3	50.0	5.3	-4.0	-3.4	321.6	326.1	1.4	23.4	4.9	314.
22.0	58.0	5493.3	525.0	-4.7	-21.0	47.9	6.0	-4.5	-4.0	322.9	327.5	1.4	26.4	5.0	310.
23.4	61.3	5875.3	500.0	-7.2	-24.6	28.2	7.0	-3.3	-6.2	324.3	327.8	1.0	23.4	5.0	303.
24.9	64.9	6272.7	475.0	-10.3	-29.0	356.3	6.3	0.4	-6.3	325.3	327.8	0.7	19.9	4.8	296.
26.5	68.3	6686.4	450.0	-13.8	-36.2	338.1	7.6	2.8	-7.0	325.9	327.2	0.4	13.0	4.5	290.
28.1	71.7	7118.5	425.0	-16.6	-38.3	332.7	7.8	3.6	-6.9	327.7	328.9	0.3	13.2	3.9	282.
29.8	75.6	7571.5	400.0	-19.6	-39.1	335.6	7.2	3.0	-6.6	329.5	330.6	0.3	15.7	3.5	272.
31.6	79.5	8047.3	375.0	-23.4	-35.8	315.8	13.2	9.2	-9.5	330.6	332.3	0.5	30.8	3.1	257.
33.4	83.5	8547.2	350.0	-27.9	99.9	310.9	11.1	8.4	-7.3	331.1	999.9	99.9	999.9	2.5	230.
35.3	87.5	9075.4	325.0	-31.8	99.9	309.1	9.7	7.5	-6.1	332.8	999.9	99.9	999.9	2.6	203.
37.6	92.2	9635.1	300.0	-36.8	99.9	309.5	11.7	9.0	-7.4	333.6	999.9	99.9	999.9	3.3	180.
39.7	96.6	10233.3	275.0	-40.6	99.9	307.5	16.8	13.3	-10.2	336.4	999.9	99.9	999.9	4.6	160.
42.1	101.4	10874.4	250.0	-46.2	99.9	305.3	15.1	12.3	-8.7	337.4	999.9	99.9	999.9	6.7	150.
44.4	106.8	11566.0	225.0	-52.2	99.9	286.9	17.2	16.4	-5.0	338.5	999.9	99.9	999.9	8.5	142.
47.0	112.3	12319.2	200.0	-57.6	99.9	298.7	23.0	20.1	-11.1	341.6	999.9	99.9	999.9	11.2	134.
50.0	118.3	13148.1	175.0	-64.8	99.9	295.0	23.3	21.1	-9.9	343.0	999.9	99.9	999.9	15.4	129.
53.4	125.0	14077.4	150.0	-69.0	99.9	300.8	38.3	32.9	-19.6	351.2	999.9	99.9	999.9	21.6	126.
56.8	132.0	15159.1	125.0	-67.5	99.9	298.9	25.5	22.3	-12.3	372.8	999.9	99.9	999.9	28.2	124.
61.2	139.7	16489.9	100.0	-72.1	99.9	291.9	12.2	11.3	-4.6	388.5	999.9	99.9	999.9	31.9	123.
66.7	148.0	18182.0	75.0	-71.5	99.9	281.8	4.8	4.7	-1.0	423.0	999.9	99.9	999.9	34.4	121.
74.7	157.7	20637.5	50.0	-62.2	99.9	252.1	1.9	1.8	0.6	497.1	999.9	99.9	999.9	34.8	123.
87.0	168.0	25053.9	25.0	-49.0	99.9	999.9	99.9	99.9	99.9	643.9	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. 235
JACKSON, MISS

27 APRIL 1975
2015 GMT

166 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	100.0	1004.5	30.6	19.3	170.0	5.7	-1.0	5.6	305.3	343.8	14.2	51.0	0.0	0.
0.1	4.6	140.2	1000.0	29.6	18.9	176.3	5.9	-0.4	5.8	304.6	342.2	13.9	52.8	0.1	357.
0.6	6.5	364.8	975.0	25.5	15.8	183.8	6.1	0.4	6.1	302.4	333.8	11.7	54.9	0.3	355.
1.3	8.7	592.5	950.0	23.0	14.8	186.6	6.7	0.8	6.7	302.1	332.4	11.2	59.7	0.6	360.
1.8	10.8	824.7	925.0	20.9	14.6	180.8	7.2	0.1	7.2	302.2	333.0	11.4	67.3	0.8	2.
2.5	13.0	1061.2	900.0	18.6	14.7	157.6	6.2	-2.4	5.7	302.3	334.1	11.8	77.9	1.1	360.
3.5	15.3	1302.7	875.0	16.3	12.9	154.1	5.8	-2.5	5.2	302.2	331.2	10.8	80.1	1.3	352.
4.4	17.5	1549.2	850.0	15.0	9.8	176.3	8.0	-0.5	8.0	303.1	328.5	9.3	73.6	1.7	350.
5.5	19.9	1802.3	825.0	14.6	3.4	197.2	8.4	2.5	8.1	304.8	321.7	6.0	47.1	2.2	355.
6.3	22.2	2061.9	800.0	13.2	-1.1	189.4	8.4	1.4	8.3	305.8	318.5	4.4	37.1	2.6	358.
7.1	24.7	2328.1	775.0	11.5	-2.7	175.7	7.6	-0.6	7.6	306.7	318.5	4.1	36.9	3.0	358.
8.0	27.1	2601.9	750.0	11.2	-6.3	172.4	7.1	-0.9	7.1	309.2	318.7	3.2	28.8	3.4	357.
8.9	29.7	2884.6	725.0	10.7	-6.7	171.0	7.1	-1.1	7.0	311.6	321.3	3.2	28.8	3.8	357.
9.8	32.3	3176.6	700.0	9.7	-6.7	161.3	7.0	-2.2	6.6	313.6	323.7	3.3	30.9	4.2	356.
10.7	35.1	3477.8	675.0	8.2	-7.1	156.6	5.9	-2.4	5.4	315.2	325.4	3.3	32.9	4.6	354.
11.7	37.7	3788.3	650.0	5.9	-9.1	172.7	3.6	-0.5	3.6	316.1	325.2	3.0	32.9	4.8	354.
12.7	40.5	4108.0	625.0	3.2	-11.2	205.3	2.9	1.2	2.6	316.4	324.5	2.6	33.8	5.0	354.
13.7	43.3	4437.4	600.0	0.7	-13.0	235.5	2.5	2.1	1.4	317.2	324.6	2.3	35.0	5.1	356.
14.7	46.3	4777.7	575.0	-1.8	-11.6	267.2	1.5	1.5	0.1	318.3	326.8	2.7	46.9	5.1	357.
15.8	49.4	5130.3	550.0	-3.8	-13.8	99.2	0.4	-0.4	0.1	319.8	327.3	2.4	45.6	5.1	358.
17.0	52.3	5495.5	525.0	-6.6	-16.1	117.4	1.8	-1.6	0.8	320.8	327.4	2.1	46.4	5.1	356.
18.2	55.4	5875.0	500.0	-9.7	-18.7	207.9	1.7	0.8	1.5	321.5	327.1	1.7	47.3	5.2	356.
19.5	58.7	6269.3	475.0	-12.3	-22.3	257.1	5.1	4.9	1.1	322.9	327.3	1.3	42.9	5.3	358.
20.8	62.1	6680.3	450.0	-14.9	-24.6	264.2	6.3	6.3	0.6	324.6	328.6	1.2	44.7	5.4	4.
22.2	65.6	7111.2	425.0	-17.5	-34.2	280.1	6.0	5.9	-1.1	326.5	328.2	0.5	21.6	5.4	9.
23.7	69.3	7562.2	400.0	-21.0	-37.1	277.7	9.7	9.6	-1.3	327.7	329.1	0.4	21.8	5.5	16.
25.3	73.0	8035.6	375.0	-24.8	-39.3	282.8	12.4	12.1	-2.7	328.8	330.0	0.3	24.2	5.7	26.
26.9	77.0	8534.1	350.0	-28.7	-42.0	291.5	12.6	11.8	-4.6	330.0	331.0	0.3	26.4	6.0	38.
28.6	81.0	9061.3	325.0	-32.0	-43.7	290.1	12.8	12.0	-4.4	332.5	333.4	0.2	30.0	6.5	49.
30.5	85.3	9622.7	300.0	-36.0	-46.5	286.0	15.1	14.5	-4.2	334.5	335.3	0.2	32.6	7.5	59.
32.6	90.0	10220.6	275.0	-41.2	99.9	285.6	17.5	16.9	-4.7	335.5	999.9	99.9	999.9	9.0	69.
34.9	95.2	10861.3	250.0	-46.3	99.9	282.0	15.5	15.2	-3.2	337.3	999.9	99.9	999.9	11.1	77.
37.5	100.2	11553.0	225.0	-51.9	99.9	274.1	16.5	16.4	-1.2	339.0	999.9	99.9	999.9	13.4	80.
40.2	105.8	12305.8	200.0	-57.7	99.9	283.6	24.2	23.5	-5.7	341.4	999.9	99.9	999.9	16.3	84.
43.0	112.0	13134.0	175.0	-64.5	99.9	278.2	22.5	22.2	-3.2	343.5	999.9	99.9	999.9	20.4	87.
46.3	119.0	14059.9	150.0	-70.7	99.9	277.7	27.1	26.9	-3.7	348.3	999.9	99.9	999.9	24.8	89.
50.1	126.7	15147.0	125.0	-56.5	99.9	288.5	24.6	23.3	-7.8	374.6	999.9	99.9	999.9	31.5	91.
55.1	136.0	16492.3	100.0	-69.0	99.9	291.4	11.4	10.6	-4.2	394.5	999.9	99.9	999.9	36.0	93.
60.9	145.0	18212.3	75.0	-69.6	99.9	298.8	6.1	5.4	-2.9	427.0	999.9	99.9	999.9	38.8	94.
68.8	156.0	20676.3	50.0	-61.0	99.9	91.2	5.2	-5.2	0.1	499.7	999.9	99.9	999.9	38.5	96.
81.1	167.5	25101.4	25.0	-51.5	99.9	999.9	99.9	99.9	99.9	636.7	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
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STATION NO. 240
LAKE CHARLES, LA

27 APRIL 1975
2015 GMT

160 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
0.0	3.4	5.0	1014.0	27.8	21.6	160.0	10.3	-3.5	9.7	302.0	345.1	16.3	69.0	0.0	0.
0.4	4.5	128.1	1000.0	25.0	19.1	163.4	12.5	-3.6	11.9	300.1	337.4	14.1	69.9	0.3	338.
1.1	6.3	350.1	975.0	22.8	18.1	166.1	10.9	-2.6	10.6	299.9	335.8	13.5	74.9	0.8	341.
2.1	8.3	576.3	950.0	20.7	17.2	169.5	10.9	-2.0	10.7	300.0	334.8	13.1	80.2	1.3	345.
2.9	10.3	807.0	925.0	18.9	15.8	166.1	11.0	-2.6	10.7	300.2	333.1	12.3	82.4	1.9	346.
3.7	12.3	1042.2	900.0	17.0	13.7	162.9	9.5	-2.8	9.1	300.5	330.1	11.0	80.9	2.4	345.
4.5	14.5	1282.3	875.0	15.0	7.6	166.9	9.8	-2.2	9.6	300 3	321.2	7.6	61.8	2.9	345.
5.2	16.5	1528.1	850.0	16.0	4.3	168.6	10.3	-2.0	10.1	303.7	320.9	6.1	45.6	3.3	346.
6.0	18.7	1781.1	825.0	14.3	1.8	173.2	10.4	-1.2	10.3	304.5	319.7	5.4	42.9	3.8	346.
6.9	20.8	2040.9	800.0	13.9	0.1	181.4	10.4	0.3	10.4	306.6	320.6	4.8	38.9	4.3	348.
7.7	23.1	2307.9	775.0	12.2	-2.3	182.6	10.9	0.5	10.9	307.5	319.7	4.2	36.2	4.8	349.
8.7	25.4	2582.1	750.0	10.9	-8.9	185.1	10.0	0.9	9.9	308.7	316.6	2.6	24.1	5.4	351.
9.7	27.7	2864.4	725.0	11.0	-19.5	175.9	10.2	-0.7	10.2	311.7	315.4	1.2	10.3	6.0	352.
10.7	30.2	3156.9	700.0	11.4	-19.6	166.7	12.1	-2.8	11.8	315.2	319.0	1.2	9.6	6.6	352.
11.6	32.8	3460.0	675.0	10.4	-17.9	167.1	12.6	-2.8	12.3	317.4	321.9	1.4	11.9	7.4	351.
12.7	35.3	3772.3	650.0	7.9	-17.2	163.9	11.7	-3.2	11.2	318.1	323.0	1.5	14.8	8.1	351.
13.8	37.9	4094.0	625.0	5.4	-18.6	158.7	11.2	-4.1	10.5	318.7	323.3	1.4	15.7	8.8	350.
14.9	40.5	4425.8	600.0	2.6	-12.0	162.6	11.2	-3.3	10.7	319.4	327.4	2.5	33.3	9.7	349.
16.2	43.2	4768.3	575.0	-0.3	-10.3	169.3	10.9	-2.0	10.7	320.0	329.5	3.0	46.8	10.5	349.
17.4	46.1	5122.1	550.0	-2.9	-18.9	182.3	11.0	0.4	11.0	320.8	325.8	1.6	27.9	11.3	349.
18.7	49.1	5489.1	525.0	-5.0	-33.7	213.8	8.8	4.9	7.3	322.4	323.9	0.4	8.4	12.0	351.
20.0	52.0	5870.0	500.0	-8.0	-32.0	248.1	9.0	8.3	3.3	323.3	325.1	0.5	12.4	12.4	354.
21.4	55.2	6266.4	475.0	-11.0	-35.1	245.0	9.9	9.0	4.2	324.4	325.8	0.4	11.5	12.5	357.
22.8	58.3	6679.2	450.0	-13.8	-37.2	232.5	11.7	9.3	7.2	325.9	327.1	0.3	11.8	13.0	0.
24.2	61.9	7110.9	425.0	-16.4	-44.0	236.1	12.9	10.7	7.2	327.9	328.5	0.2	7.1	13.7	4.
25.8	65.3	7564.5	400.0	-19.5	-43.2	241.6	12.8	11.2	6.1	329.6	330.4	0.2	10.1	14.4	8.
27.2	68.9	8039.9	375.0	-23.8	-46.9	244.7	13.6	12.3	5.8	330.0	330.5	0.1	9.8	15.1	12.
28.8	72.6	8540.1	350.0	-27.9	-45.6	240.8	13.9	12.1	6.8	331.1	331.8	0.2	16.5	15.9	15.
30.4	76.8	9067.1	325.0	-32.7	-48.8	242.1	14.1	12.5	6.6	331.5	332.0	0.1	18.2	16.9	19.
32.1	80.9	9626.0	300.0	-36.8	-46.5	240.6	17.1	14.9	8.4	333.5	334.2	0.2	35.4	18.1	22.
34.0	85.4	10224.7	275.0	-40.5	99.9	245.6	13.7	12.4	5.6	336.6	999.9	99.9	999.9	19.4	25.
36.1	90.2	10867.4	250.0	-45.0	99.9	250.6	17.4	16.4	5.8	339.1	999.9	99.9	999.9	20.9	29.
38.3	95.4	11563.1	225.0	-50.8	99.9	252.4	20.3	19.3	6.1	340.7	999.9	99.9	999.9	22.9	33.
40.7	100.8	12320.1	200.0	-56.3	99.9	255.7	27.8	27.0	6.9	343.6	999.9	99.9	999.9	25.6	38.
43.4	107.0	13159.5	175.0	-60.1	99.9	270.9	34.3	34.3	-0.5	350.7	999.9	99.9	999.9	29.4	45.
46.5	114.0	14097.6	150.0	-68.1	99.9	275.0	43.3	43.2	-3.8	352.7	999.9	99.9	999.9	34.9	55.
50.2	121.3	15188.6	125.0	-67.7	99.9	263.8	25.0	24.9	2.7	372.4	999.9	99.9	999.9	41.0	60.
54.9	130.3	16520.6	100.0	-70.4	99.9	252.0	14.0	13.3	4.3	391.7	999.9	99.9	999.9	44.7	62.
61.0	139.5	18227.9	75.0	-68.8	99.9	218.0	8.8	5.4	7.0	428.7	999.9	99.9	999.9	48.2	61.
69.6	149.5	20691.3	50.0	-61.6	99.9	35.4	4.4	-2.6	-3.6	498.4	999.9	99.9	999.9	48.4	61.
82.5	159.5	25119.4	25.0	-50.5	99.9	40.1	2.0	-1.3	-1.6	639.7	999.9	99.9	999.9	47.2	59.

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STATION NO. 248
SHREVEPORT, LA

27 APRIL 1975
2015 GMT

149 46. 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	4.3	79.0	1003.7	30.0	19.1	170.0	7.2	-1.3	7.1	304.8	342.6	14.0	52.0	0.0	0.
0.1	4.6	112.1	1000.0	29.8	19.2	172.9	9.3	-1.1	9.3	304.9	343.2	14.2	52.9	0.1	356.
1.1	6.3	337.5	975.0	26.6	15.8	174.3	11.1	-1.1	11.1	303.5	335.2	11.7	51.8	0.8	354.
2.2	8.4	566.2	950.0	24.3	15.2	167.9	10.5	-2.2	10.3	303.4	334.6	11.5	56.9	1.5	353.
3.4	10.4	799.3	925.0	22.0	14.4	165.4	10.6	-2.7	10.3	303.4	333.9	11.3	62.0	2.2	350.
4.6	12.4	1036.8	900.0	19.7	13.6	167.8	10.9	-2.3	10.7	303.3	333.1	11.0	67.7	2.9	349.
5.7	14.5	1279.2	875.0	17.5	12.5	172.1	11.4	-1.6	11.3	303.4	332.0	10.5	72.8	3.7	349.
6.7	16.5	1526.6	850.0	16.0	9.2	182.2	14.3	0.5	14.3	304.1	327.9	8.7	64.1	4.5	351.
7.8	18.8	1780.2	825.0	14.9	5.6	196.2	16.7	4.6	16.0	305.3	324.8	7.0	53.8	5.4	354.
8.6	20.9	2040.1	800.0	13.1	5.5	199.5	16.5	5.5	15.6	306.0	326.0	7.1	59.9	6.2	357.
9.7	23.2	2306.5	775.0	11.5	2.1	200.8	15.4	5.5	14.4	307.0	323.5	5.8	52.4	7.1	0.
10.8	25.5	2580.1	750.0	10.2	-10.4	206.2	14.1	6.2	12.6	308.0	315.8	2.6	25.0	8.0	3.
12.0	27.8	2862.3	725.0	11.8	-24.5	205.1	13.5	5.7	12.2	312.5	314.8	0.7	6.1	9.0	6.
13.2	30.3	3155.2	700.0	11.4	-23.3	193.1	14.3	3.3	14.0	315.2	318.0	0.8	6.9	10.0	7.
14.4	32.8	3457.5	675.0	9.3	-21.6	192.5	13.6	3.0	13.3	316.1	319.4	1.0	9.3	11.0	7.
15.6	35.4	3768.9	650.0	7.1	-21.7	191.5	12.6	2.5	12.4	317.1	320.5	1.0	10.7	11.9	8.
16.8	37.9	4089.6	625.0	4.6	-10.6	183.9	12.7	0.9	12.7	318.1	326.7	2.8	32.7	12.8	8.
18.2	40.5	4421.2	600.0	2.3	-8.4	186.6	12.9	1.5	12.8	319.2	329.7	3.4	45.1	13.9	8.
19.6	43.2	4763.1	575.0	-0.9	-8.6	180.2	13.4	0.1	13.4	319.3	330.1	3.5	55.9	15.0	8.
21.0	46.1	5116.1	550.0	-3.9	-11.4	183.1	14.8	0.8	14.8	319.8	328.9	2.9	56.2	16.1	7.
22.4	49.1	5481.5	525.0	-7.0	-19.4	192.3	13.3	2.8	13.0	320.2	325.3	1.6	36.2	17.4	7.
23.9	52.0	5860.0	500.0	-10.2	-18.5	197.9	10.1	3.1	9.6	320.8	326.5	1.8	50.4	18.4	7.
25.4	55.1	6253.3	475.0	-13.4	-17.4	200.0	8.8	3.0	8.3	321.5	328.1	2.1	72.0	19.2	8.
26.9	58.3	6662.6	450.0	-16.3	-18.0	210.6	11.0	5.6	9.5	322.9	329.6	2.1	87.0	20.0	9.
28.5	61.6	7091.0	425.0	-18.7	-20.5	219.1	16.0	10.1	12.4	325.2	331.0	1.8	85.8	21.2	10.
30.4	65.1	7540.0	400.0	-22.3	-28.9	221.0	17.7	11.6	13.3	326.0	329.0	0.9	55.0	22.9	13.
32.2	68.6	8012.1	375.0	-25.0	-30.5	219.5	19.8	12.6	15.3	328.5	331.3	0.8	59.7	24.7	15.
34.0	72.3	8510.7	350.0	-28.2	-33.7	226.8	18.8	13.7	12.9	330.8	333.0	0.6	58.6	26.7	17.
36.0	76.3	9038.3	325.0	-32.3	-38.2	232.7	15.9	12.7	9.7	332.2	333.7	0.4	55.3	28.3	19.
38.0	80.4	9597.5	300.0	-37.2	-42.6	232.1	16.0	12.7	9.8	332.9	334.0	0.3	56.7	29.9	21.
40.3	85.0	10191.8	275.0	-42.2	99.9	235.4	17.1	14.1	9.7	334.1	999.9	99.9	999.9	31.8	24.
42.6	89.6	10830.8	250.0	-46.6	99.9	239.6	25.0	21.6	12.7	336.8	999.9	99.9	999.9	34.2	26.
45.2	94.8	11521.1	225.0	-52.4	99.9	243.8	27.4	24.5	12.1	338.2	999.9	99.9	999.9	38.0	30.
48.2	100.2	12273.5	200.0	-57.5	99.9	249.5	33.9	31.7	11.9	341.7	999.9	99.9	999.9	41.8	34.
51.4	106.3	13103.0	175.0	-64.5	99.9	259.1	40.5	39.7	7.7	343.6	999.9	99.9	999.9	47.8	40.
55.0	113.0	14036.0	150.0	-66.4	99.9	259.5	28.7	28.2	5.2	355.7	999.9	99.9	999.9	54.5	46.
59.1	120.7	15136.7	125.0	-68.3	99.9	260.3	19.7	19.4	3.3	371.4	999.9	99.9	999.9	59.6	49.
64.1	129.7	16477.5	100.0	-70.3	99.9	245.9	9.4	8.5	3.8	392.0	999.9	99.9	999.9	63.6	50.
70.5	139.7	18187.6	75.0	-68.1	99.9	223.1	5.5	3.8	4.0	430.1	999.9	99.9	999.9	66.4	50.
79.5	150.3	20657.0	50.0	-61.4	99.9	999.9	99.9	99.9	99.9	498.9	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

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STATION NO. 250
BROWNSVILLE. TEX

27 APRIL 1975
2015 GMT

157 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
0.0	4.3	7.0	1007.8	30.6	21.7	160.0	10.3	-3.5	9.7	305.3	349.6	16.4	59.0	0.0	0.
0.2	4.9	76.5	1000.0	28.1	21.0	148.7	11.3	-5.9	9.7	303.4	345.9	15.9	65.6	0.3	328.
0.9	6.6	301.1	975.0	25.5	20.8	149.2	12.5	-6.4	10.7	303.1	346.1	16.1	75.3	0.6	323.
1.7	8.6	529.6	950.0	23.2	20.3	161.8	13.6	-4.3	12.9	302.9	345.5	16.0	83.6	1.3	329.
2.5	10.5	762.7	925.0	22.2	17.7	168.4	14.6	-2.9	14.3	303.9	341.4	14.0	76.0	1.8	335.
3.3	12.5	1001.8	900.0	23.1	13.5	168.2	16.3	-3.3	15.9	306.8	336.8	10.9	54.9	2.6	339.
4.2	14.6	1247.1	875.0	21.4	12.5	171.2	14.7	-2.3	14.5	307.4	336.6	10.5	57.1	3.4	341.
4.9	16.6	1498.5	850.0	20.4	13.6	171.2	15.0	-2.3	14.8	309.1	341.3	11.6	64.8	4.0	343.
5.6	18.8	1756.3	825.0	19.2	8.8	172.2	14.8	-2.0	14.7	310.0	334.6	8.7	51.1	4.7	344.
6.5	20.8	2020.2	800.0	17.2	4.9	184.5	12.3	1.0	12.3	310.5	330.0	6.8	44.0	5.4	346.
7.5	23.2	2290.8	775.0	16.9	-3.5	201.8	9.0	3.4	8.4	312.5	324.3	4.0	25.7	6.0	349.
8.4	25.4	2570.5	750.0	17.6	-13.6	216.1	6.7	3.9	5.4	315.9	321.6	1.8	10.6	6.3	351.
9.4	27.6	2858.3	725.0	15.4	-15.9	220.4	4.7	3.1	3.6	316.5	321.4	1.5	10.1	6.5	354.
10.3	30.1	3154.0	700.0	13.5	-17.1	211.9	3.9	2.1	3.3	317.6	322.2	1.4	10.3	6.6	355.
11.2	32.6	3458.0	675.0	10.7	-18.9	206.0	4.2	1.8	3.8	317.8	321.9	1.3	10.6	6.9	356.
12.2	35.1	3770.7	650.0	8.4	-20.7	207.4	4.9	2.3	4.4	318.5	322.3	1.1	10.7	7.1	357.
13.2	37.6	4093.4	625.0	6.3	-23.7	191.1	7.0	1.4	6.9	319.8	322.8	0.9	9.4	7.4	358.
14.3	40.2	4426.4	600.0	4.0	-25.2	183.7	9.0	0.6	9.0	320.8	323.6	0.8	9.7	7.9	359.
15.4	42.7	4770.4	575.0	1.3	-26.9	178.2	9.1	-0.3	9.1	321.6	324.1	0.7	10.0	8.5	359.
16.6	45.6	5125.9	550.0	-1.7	-27.2	175.8	10.7	-0.8	10.6	322.1	324.6	0.7	12.2	9.2	359.
17.8	48.4	5494.0	525.0	-4.5	-28.0	174.4	12.5	-1.2	12.4	323.1	325.5	0.7	13.9	10.1	358.
19.0	51.2	5876.4	500.0	-6.9	-30.3	181.5	13.6	0.4	13.6	324.7	326.8	0.6	13.0	11.0	358.
20.2	54.3	6274.5	475.0	-9.7	-30.3	197.0	14.4	4.2	13.7	326.0	328.3	0.6	16.1	12.0	359.
21.5	57.3	6689.2	450.0	-13.1	-32.6	206.8	14.9	6.7	13.3	326.7	328.7	0.5	17.7	13.1	1.
22.9	60.7	7121.2	425.0	-17.3	-36.5	209.3	14.9	7.3	13.0	326.8	328.2	0.4	16.7	14.1	3.
24.3	64.1	7572.4	400.0	-21.0	-38.6	210.1	15.1	7.6	13.1	327.7	328.9	0.3	18.7	15.4	6.
25.8	67.4	8046.6	375.0	-24.1	-38.4	211.0	15.6	8.0	13.4	329.7	331.1	0.4	25.1	16.6	8.
27.4	71.0	8546.5	350.0	-27.1	-34.6	226.5	16.7	12.1	11.5	332.2	334.2	0.6	48.7	17.9	10.
28.9	74.9	9075.7	325.0	-31.7	-37.9	225.2	16.9	12.0	11.9	332.9	334.6	0.4	53.9	19.3	13.
30.8	79.0	9636.4	300.0	-36.2	-46.6	229.9	20.8	15.9	13.4	334.2	334.9	0.2	32.9	20.9	16.
32.8	83.2	10235.5	275.0	-39.9	99.9	234.7	23.8	19.4	13.8	337.3	999.9	99.9	999.9	23.1	20.
34.8	87.6	10880.3	250.0	-44.7	99.9	247.1	25.4	23.4	9.9	339.7	999.9	99.9	999.9	25.5	24.
37.0	92.6	11578.2	225.0	-49.4	99.9	258.0	29.5	28.9	6.1	342.9	999.9	99.9	999.9	28.0	30.
39.2	97.8	12339.6	200.0	-55.5	99.9	265.1	35.9	35.8	3.1	345.0	999.9	99.9	999.9	30.9	36.
41.9	103.5	13177.4	175.0	-62.1	99.9	269.9	32.8	32.8	0.1	347.4	999.9	99.9	999.9	34.5	44.
45.0	110.0	14112.1	150.0	-70.4	99.9	273.2	31.9	31.9	-1.8	348.8	999.9	99.9	999.9	38.8	50.
48.5	117.0	15189.2	125.0	-70.4	99.9	239.9	22.9	19.8	11.5	367.5	999.9	99.9	999.9	43.8	54.
52.6	125.7	16503.3	100.0	-74.3	99.9	245.6	12.0	11.0	5.0	384.2	999.9	99.9	999.9	47.9	55.
57.7	135.5	18175.5	75.0	-73.5	99.9	207.7	11.7	5.4	10.4	418.9	999.9	99.9	999.9	51.1	54.
65.1	146.0	20629.1	50.0	-61.2	99.9	38.7	5.5	-3.5	-4.3	499.2	999.9	99.9	999.9	51.5	54.
76.6	157.7	25050.3	25.0	-50.9	99.9	188.2	2.3	0.3	2.3	638.7	999.9	99.9	999.9	50.6	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

86

STATION NO. 255
VICTORIA, TEX

27 APRIL 1975
2015 GMT

158 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	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.8	33.0	1006.2	29.0	21.0	170.0	12.9	-2.2	12.7	303.8	346.0	15.8	62.0	0.0	0.
0.5	4.3	87.8	1000.0	27.7*	99.9	999.9	99.9	99.9	99.9	300.9	999.9	99.9	999.9	999.9	999.
1.1	5.9	310.2	975.0	26.1*	99.9	999.9	99.9	99.9	99.9	301.4	999.9	99.9	999.9	999.9	999.
1.8	7.9	537.1	950.0	24.1*	99.9	999.9	99.9	99.9	99.9	301.7	999.9	99.9	999.9	999.9	999.
2.6	9.9	768.5	925.0	22.1*	99.9	161.4	16.0	-5.1	15.2	301.9	999.9	99.9	999.9	2.2	340.
3.2	11.7	1006.1	900.0	20.0	17.4	165.0	17.5	-4.5	16.9	304.0	342.0	14.1	85.1	2.8	340.
3.9	13.8	1249.9	875.0	20.8	9.9	171.5	17.3	-2.6	17.1	306.6	331.2	8.8	49.6	3.6	342.
4.7	15.7	1500.0	850.0	18.3	9.1	172.3	15.1	-2.0	14.9	306.5	330.5	8.6	55.0	4.3	344.
5.6	17.5	1755.0	825.0	17.3	-7.5	180.6	16.0	0.2	16.0	307.3	315.8	2.9	19.5	5.1	346.
6.5	20.0	2016.9	800.0	16.8	-10.7	186.4	15.1	1.7	15.0	309.3	315.8	2.1	14.2	5.9	348.
7.4	22.0	2286.4	775.0	15.5	-15.9	192.2	14.9	3.1	14.6	310.7	315.2	1.4	10.0	6.6	351.
8.3	24.3	2563.8	750.0	15.0	-19.3	191.1	13.8	2.7	13.6	313.0	316.5	1.1	7.8	7.4	353.
9.3	26.4	2850.4	725.0	15.3	-19.1	193.3	12.5	2.9	12.2	316.4	320.2	1.2	7.8	8.1	355.
10.2	28.8	3146.0	700.0	13.2	-20.3	195.4	13.2	3.5	12.7	317.2	320.8	1.1	8.0	8.8	357.
11.1	31.3	3450.1	675.0	10.9	-21.7	188.5	13.7	2.0	13.5	318.0	321.3	1.0	8.2	9.5	358.
12.2	33.8	3763.0	650.0	8.6	-23.1	181.2	15.0	0.3	15.0	318.8	321.9	0.9	8.5	10.4	358.
13.1	36.1	4085.3	625.0	5.9	-24.5	179.1	15.5	-0.2	15.5	319.3	322.1	0.8	9.0	11.3	358.
14.2	38.8	4418.5	600.0	4.1	-18.6	177.0	17.7	-0.9	17.7	321.1	325.9	1.5	17.1	12.3	358.
15.2	41.3	4762.5	575.0	1.3	-18.4	181.5	17.9	0.5	17.9	321.6	326.7	1.5	21.3	13.5	358.
16.3	44.1	5118.1	550.0	-1.6	-21.0	193.5	17.6	4.1	17.2	322.3	326.6	1.3	21.1	14.5	359.
17.4	47.0	5486.2	525.0	-4.6	-29.6	204.7	15.3	6.4	13.9	322.9	325.0	0.6	12.0	15.7	0.
18.6	50.0	5867.8	500.0	-7.8	-32.3	207.3	12.7	5.8	11.3	323.6	325.3	0.5	11.8	16.6	2.
19.9	52.9	6264.9	475.0	-10.4	-32.6	211.6	15.7	8.3	13.4	325.1	326.9	0.5	14.1	17.5	4.
21.3	55.9	6678.4	450.0	-13.7	-36.7	222.2	18.0	12.1	13.3	326.0	327.3	0.4	12.2	18.7	6.
22.7	59.1	7109.8	425.0	-17.4	-35.1	220.3	19.0	12.3	14.5	326.7	328.3	0.4	19.5	20.0	9.
24.2	62.7	7560.8	400.0	-21.3	-38.3	216.1	18.9	11.1	15.2	327.2	328.5	0.3	19.8	21.4	11.
25.7	66.0	8033.8	375.0	-24.0	-34.1	220.0	21.5	13.8	16.5	329.9	331.9	0.6	38.5	23.1	13.
27.3	69.9	8533.0	350.0	-28.4	-39.7	225.9	20.4	14.7	14.2	330.4	331.7	0.3	32.7	24.8	15.
29.0	73.7	9060.1	325.0	-32.2	-40.3	223.5	23.1	15.9	16.7	332.3	333.6	0.4	45.8	26.8	18.
30.6	77.8	9620.6	300.0	-36.1	-40.8	224.3	23.5	16.4	16.8	334.4	335.7	0.4	61.6	29.0	20.
32.4	82.2	10219.1	275.0	-40.4	99.9	231.4	24.9	19.5	15.5	336.6	999.9	99.9	999.9	31.3	22.
34.1	86.8	10861.9	250.0	-45.4	99.9	238.7	27.7	23.7	14.4	338.5	999.9	99.9	999.9	33.6	24.
36.3	92.0	11558.0	225.0	-49.9	99.9	244.5	32.7	29.5	14.1	342.1	999.9	99.9	999.9	36.5	28.
38.7	97.3	12321.4	200.0	-53.8	99.9	254.1	37.1	35.7	10.1	347.6	999.9	99.9	999.9	40.7	33.
41.1	103.3	13164.3	175.0	-61.3	99.9	263.2	42.3	42.0	5.0	348.8	999.9	99.9	999.9	44.6	38.
43.8	110.0	14103.6	150.0	-63.5	99.9	265.7	41.7	41.6	3.1	352.0	999.9	99.9	999.9	49.4	44.
47.0	117.3	15190.6	125.0	-61.3	99.9	245.8	31.4	28.7	12.9	371.3	999.9	99.9	999.9	55.1	47.
51.5	126.0	16521.2	100.0	-70.	99.9	231.0	17.8	13.8	11.2	391.5	999.9	99.9	999.9	60.7	49.
57.4	136.0	18230.9	75.0	-68.[illegible]	99.9	231.0	14.5	11.2	9.1	428.8	999.9	99.9	999.9	65.1	49.
65.4	146.0	20699.2	50.0	-62.5	99.9	124.6	2.5	-2.1	1.4	495.9	999.9	99.9	999.9	65.6	50.
78.0	156.0	25139.8	25.0	-49.9	99.9	349.8	4.2	0.7	-4.1	641.3	999.9	99.9	999.9	65.3	48.

* 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

27 APRIL 1975
2015 GMT

153 27. 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	9.8	399.0	961.7	25.8	18.5	165.0	10.3	-2.7	9.9	304.2	342.2	14.1	64.0	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	10.8	506.7	950.0	23.9	17.3	999.9	99.9	99.9	99.9	303.2	338.8	13.2	66.5	999.9	999.
1.1	13.2	739.6	925.0	21.6	17.3	999.9	99.9	99.9	99.9	303.3	339.8	13.6	76.3	999.9	999.
2.0	15.6	977.3	900.0	19.2	17.0	999.9	99.9	99.9	99.9	303.1	340.0	13.7	87.4	999.9	999.
2.8	18.0	1219.3	875.0	17.1	16.2	999.9	99.9	99.9	99.9	303.3	339.3	13.4	94.6	999.9	999.
3.7	20.5	1467.1	850.0	15.6	13.9	999.9	99.9	99.9	99.9	304.1	336.4	11.9	89.6	999.9	999.
4.7	23.1	1721.9	825.0	17.5	8.4	999.9	99.9	99.9	99.9	308.2	332.0	8.5	55.3	999.9	999.
5.7	25.6	1985.0	800.0	17.3	1.2	999.9	99.9	99.9	99.9	310.3	325.6	5.3	34.1	999.9	999.
6.4	28.3	2255.1	775.0	15.4	1.3	999.9	99.9	99.9	99.9	311.2	327.1	5.5	38.4	999.9	999.
7.2	31.1	2532.3	750.0	13.2	3.5	999.9	99.9	99.9	99.9	311.8	330.9	6.6	51.7	999.9	999.
8.2	34.0	2816.6	725.0	11.6	-5.2	999.9	99.9	99.9	99.9	312.6	323.4	3.6	30.5	999.9	999.
9.1	36.6	3109.6	700.0	10.1	-5.7	999.9	99.9	99.9	99.9	314.2	325.0	3.6	32.4	999.9	999.
10.1	39.6	3410.7	675.0	7.1	1.8	999.9	99.9	99.9	99.9	314.5	333.4	6.5	68.8	999.9	999.
11.4	42.4	3720.5	650.0	5.2	-0.2	999.9	99.9	99.9	99.9	315.6	332.8	5.8	68.6	999.9	999.
12.6	45.4	4040.8	625.0	4.1	-4.6	206.6	16.7	7.5	14.9	317.7	330.9	4.4	53.0	13.3	19.
13.8	48.6	4371.5	600.0	1.4	-8.0	206.7	18.9	8.5	16.9	318.2	329.0	3.5	49.6	14.6	20.
14.9	51.6	4712.8	575.0	-1.3	-14.7	215.8	19.2	10.6	14.7	318.7	325.4	2.1	35.1	15.8	21.
16.2	54.9	5065.1	550.0	-4.3	-17.8	218.6	19.7	12.3	15.4	319.2	324.7	1.7	33.9	17.2	22.
17.4	58.0	5429.8	525.0	-7.4	-14.3	216.4	22.1	13.1	17.8	319.8	327.4	2.4	57.6	18.6	23.
18.6	61.5	5808.0	500.0	-10.6	-14.4	212.9	23.1	12.5	19.4	320.4	328.3	2.5	73.8	20.2	24.
19.8	64.9	6201.1	475.0	-13.2	-13.2	210.9	25.5	13.1	21.9	322.0	331.2	2.9	100.2	21.9	25.
21.0	68.3	6611.5	450.0	-16.2	-18.3	210.4	27.2	13.8	23.4	323.0	329.5	2.0	83.7	23.8	25.
22.4	71.9	7038.2	425.0	-21.2	-38.5	213.3	29.0	15.9	24.2	321.8	323.0	0.3	19.4	26.3	26.
24.0	75.7	7484.2	400.0	-22.6	-40.5	212.8	33.3	18.1	28.0	325.6	326.6	0.3	17.7	29.0	27.
25.7	79.7	7955.0	375.0	-25.8	-42.4	211.0	32.8	16.9	28.1	327.4	328.3	0.2	19.0	32.3	27.
27.5	83.7	8451.2	350.0	-29.6	-44.5	212.3	34.9	18.6	29.5	328.7	329.5	0.2	21.8	35.8	28.
29.3	87.8	8975.7	325.0	-32.7	-46.8	213.9	37.4	20.9	31.0	331.5	332.2	0.2	22.8	39.7	28.
31.4	92.6	9535.6	300.0	-36.1	-45.6	220.3	38.5	24.9	29.3	334.4	335.2	0.2	36.7	44.6	29.
33.6	97.2	10134.1	275.0	-40.9	99.9	218.1	34.5	21.3	27.1	336.0	999.9	99.9	999.9	50.4	30.
35.8	102.0	10774.5	250.0	-46.3	99.9	224.6	37.6	26.4	26.7	337.2	999.9	99.9	999.9	54.6	31.
37.8	107.6	11466.0	225.0	-51.8	99.9	231.0	42.6	33.1	26.8	339.1	999.9	99.9	999.9	59.6	32.
40.0	113.3	12221.0	200.0	-56.2	99.9	230.1	42.2*	32.4	27.0	343.9	999.9	99.9	999.9	65.0	34.
42.4	119.3	13054.0	175.0	-63.8	99.9	232.2	49.6*	39.2	30.4	344.6	999.9	99.9	999.9	71.3	36.
46.1	126.0	13993.2	150.0	-64.6	99.9	249.6	29.9*	28.0	10.4	358.9	999.9	99.9	999.9	79.6	38.
50.0	133.0	15109.9	125.0	-64.4	99.9	238.8	28.8*	24.6	14.9	378.4	999.9	99.9	999.9	86.1	40.
54.7	140.0	16469.8	100.0	-66.4	99.9	221.5	27.5*	18.2	20.6	399.5	999.9	99.9	999.9	91.3	41.
60.3	147.0	18205.1	75.0	-65.9	99.9	223.7	16.5	11.4	11.9	434.7	999.9	99.9	999.9	95.1	40.
67.8	154.3	20692.4	50.0	-60.1	99.9	186.0	6.4	0.7	6.4	502.0	999.9	99.9	999.9	97.3	39.
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

89

STATION NO. 261
DEL RIO, TEX

27 APRIL 1975
2015 GMT

158 12. 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	8.8	314.0	970.0	28.2	20.0	130.0	7.2	-5.5	4.6	306.1	347.7	15.4	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	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.
0.7	10.5	498.1	950.0	24.6	18.9	134.6	9.7	-6.9	6.8	304.1	343.5	14.6	70.5	0.4	308.
1.8	12.7	731.7	925.0	22.2	18.4	133.5	10.3	-7.4	7.1	304.0	343.2	14.6	78.7	1.0	313.
3.0	15.0	969.8	900.0	20.0	17.9	131.6	10.3	-7.7	6.8	304.1	343.3	14.6	87.8	1.7	312.
3.9	17.1	1213.0	875.0	17.8	17.2	133.4	10.5	-7.6	7.2	304.2	342.7	14.3	95.9	2.4	313.
5.1	19.5	1461.7	850.0	17.7	15.0	163.4	6.8	-1.9	6.5	306.4	341.4	12.8	85.0	2.9	314.
6.5	21.6	1718.9	825.0	20.5	-3.3	239.7	2.4	2.0	1.2	310.8	321.7	3.7	19.9	3.1	319.
7.6	24.2	1983.4	800.0	18.6	-5.5	259.4	3.8	3.8	0.7	311.4	320.9	3.2	18.9	3.0	322.
8.5	26.4	2254.5	775.0	17.0	-8.0	254.9	7.0	6.8	1.8	312.4	320.7	2.7	17.4	2.9	328.
9.5	28.9	2532.2	750.0	14.4	-8.8	260.6	9.2	9.1	1.5	312.5	320.5	2.6	19.1	2.8	338.
10.6	31.5	2817.2	725.0	12.4	-11.1	251.6	10.1	9.6	3.2	313.4	320.4	2.3	18.2	2.7	351.
11.8	34.2	3110.5	700.0	10.9	-12.2	236.6	10.3	8.6	5.7	314.9	321.5	2.1	18.3	3.0	4.
12.9	36.7	3412.0	675.0	8.2	-16.5	228.5	10.7	8.0	7.1	315.0	320.0	1.6	15.6	3.5	13.
14.2	39.4	3722.2	650.0	6.3	-19.0	225.1	15.2	10.7	10.7	316.2	320.4	1.3	14.3	4.4	19.
15.5	42.0	4041.9	625.0	4.1	-20.6	228.4	20.9	15.6	13.8	317.2	321.1	1.2	14.5	5.6	26.
17.0	44.9	4372.4	600.0	2.1	-19.9	223.7	24.2	16.7	17.5	318.7	323.0	1.3	17.6	7.7	32.
18.3	47.8	4714.3	575.0	-0.6	-21.8	218.4	24.2	15.1	19.0	319.4	323.2	1.2	18.3	9.5	33.
19.7	50.7	5068.1	550.0	-3.1	-16.5	209.8	26.9	13.4	23.4	320.7	326.8	1.9	34.7	11.7	34.
21.1	53.7	5434.2	525.0	-6.7	-14.4	205.2	26.9	11.4	24.3	320.6	328.1	2.4	54.3	13.9	33.
22.5	56.6	5812.8	500.0	-10.5	-15.5	206.6	27.2	12.2	24.3	320.5	327.8	2.3	66.7	16.1	31.
24.0	59.9	6204.9	475.0	-14.0	-23.4	210.6	26.7	13.6	23.0	320.7	324.7	1.2	44.6	18.7	31.
25.6	63.3	6613.6	450.0	-16.4	-41.9	218.1	27.7	17.1	21.8	322.5	323.3	0.2	8.9	21.1	31.
27.4	66.4	7041.2	425.0	-19.4	-38.8	220.3	30.4	19.7	23.2	324.1	325.3	0.3	16.3	24.4	32.
29.0	69.7	7489.3	400.0	-22.4	-31.9	225.0	31.1	22.0	22.0	325.8	328.1	0.7	41.7	27.1	34.
30.6	73.2	7959.4	375.0	-26.2	-44.9	224.1	30.4	21.1	21.8	326.9	327.6	0.2	15.2	30.1	35.
32.3	77.0	8455.1	350.0	-29.6	-42.7	216.5	34.4	20.5	27.7	328.8	329.7	0.2	26.5	33.4	35.
34.0	80.9	8981.0	325.0	-32.8	-39.0	221.1	32.9	21.7	24.8	331.4	332.8	0.4	53.6	37.0	35.
36.0	85.0	9538.6	300.0	-37.7	-42.9	223.8	33.2	23.0	24.0	332.2	333.2	0.3	57.7	41.0	36.
38.2	89.2	10132.6	275.0	-42.4	99.9	220.2	38.6	24.9	29.4	333.9	999.9	99.9	999.9	45.8	37.
40.5	94.0	10768.7	250.0	-47.6	99.9	232.0	36.8	29.0	22.7	336.3	999.9	99.9	999.9	50.3	37.
42.8	98.8	11457.6	225.0	-52.6	99.9	231.4	40.3	31.5	25.1	337.9	999.9	99.9	999.9	56.3	39.
45.1	104.0	12211.5	200.0	-57.2	99.9	231.9	49.1	38.7	30.3	342.3	999.9	99.9	999.9	62.4	40.
47.6	109.8	13043.7	175.0	-63.8	99.9	246.2	57.1*	52.2	23.1	344.7	999.9	99.9	999.9	68.9	42.
50.9	116.0	13975.4	150.0	-70.2	99.9	233.2	41.3*	33.0	24.7	349.2	999.9	99.9	999.9	78.6	46.
54.6	123.0	15072.1	125.0	-68.0	99.9	253.8	31.4*	30.1	8.7	371.8	999.9	99.9	999.9	87.2	47.
58.9	131.0	16404.4	100.0	-72.3	99.9	231.3	22.7*	17.7	14.2	388.1	999.9	99.9	999.9	92.9	48.
64.1	139.7	18127.8	75.0	-66.8	99.9	228.3	7.6*	5.7	5.1	433.0	999.9	99.9	999.9	97.9	48.
71.7	149.3	20595.0	50.0	-60.9	99.9	173.4	6.0	-0.7	5.9	500.1	999.9	99.9	999.9	99.7	48.
83.6	159.7	25015.5	25.0	-52.4	99.9	210.7	2.7	1.4	2.3	634.4	999.9	99.9	999.9	100.6	47.

* 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

27 APRIL 1975
2015 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	873.0	908.6	29.4	-1.9	260.0	11.3	11.1	2.0	311.5	322.5	3.7	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.
0.4	12.9	957.3	900.0	27.0	8.2	254.9	17.4	16.8	4.5	310.4	332.6	7.8	31.3	0.4	70.
1.6	15.1	1204.9	875.0	24.4	7.5	254.1	15.1	14.6	4.1	310.2	331.5	7.5	33.9	1.5	76.
2.8	17.0	1456.9	850.0	21.0	4.9	258.6	15.1	14.8	3.0	309.0	327.4	6.4	34.9	2.6	75.
3.8	19.3	1714.1	825.0	18.6	3.0	262.8	14.2	14.1	1.8	309.0	325.6	5.8	35.3	3.4	77.
4.6	21.4	1976.8	800.0	16.0	1.0	260.3	13.9	13.7	2.3	308.9	323.9	5.2	36.1	4.1	78.
5.4	23.6	2245.5	775.0	13.8	-0.3	257.5	13.3	13.0	2.9	309.3	323.4	4.8	37.7	4.8	78.
6.2	25.8	2520.6	750.0	11.1	-1.9	234.4	12.8	10.4	7.4	309.2	322.2	4.4	40.2	5.4	77.
7.1	28.2	2802.7	725.0	10.0	-5.2	231.8	15.6	12.3	9.7	310.9	321.6	3.6	33.6	6.0	74.
7.7	30.7	3093.0	700.0	7.4	-7.5	236.3	18.2	15.1	10.1	311.0	320.4	3.1	33.8	6.7	72.
8.5	33.2	3390.9	675.0	4.7	-9.9	236.8	19.8	16.5	10.8	311.3	319.4	2.7	33.6	7.6	70.
9.4	35.7	3697.4	650.0	2.5	-13.3	237.1	21.4	17.9	11.6	312.0	318.6	2.1	29.9	8.6	69.
10.3	38.3	4012.7	625.0	-0.3	-16.3	235.6	21.9	18.1	12.4	312.3	317.7	1.7	28.4	9.8	67.
11.2	40.8	4338.1	600.0	-2.1	-17.8	232.4	23.8	18.9	14.6	313.9	318.8	1.6	28.8	11.0	66.
12.2	43.6	4675.4	575.0	-3.8	-18.1	230.1	29.3	22.5	18.8	315.7	320.8	1.6	31.8	12.6	64.
13.4	46.4	5024.6	550.0	-6.6	-18.6	225.1	33.9	24.0	23.9	316.4	321.6	1.6	37.9	14.7	62.
14.6	49.4	5386.3	525.0	-9.6	-18.3	219.5	34.8	22.2	26.9	317.1	322.6	1.7	49.0	17.1	59.
15.8	52.3	5760.9	500.0	-13.0	-16.5	216.1	35.2	20.7	28.4	317.4	324.1	2.1	75.2	19.6	56.
17.1	55.3	6149.8	475.0	-16.2	-20.6	219.4	36.1	22.9	27.9	318.0	323.1	1.6	69.3	22.1	54.
18.4	58.5	6554.9	450.0	-18.5	-32.6	224.5	36.4	25.5	26.0	320.0	321.8	0.5	27.6	24.9	52.
19.6	61.9	6979.9	425.0	-20.0	-33.9	224.9	39.7	28.0	28.1	323.4	325.2	0.5	27.5	27.7	52.
21.1	65.3	7427.5	400.0	-22.6	-36.3	222.8	44.6	30.3	32.8	325.6	327.1	0.4	27.1	31.3	51.
22.6	68.9	7898.2	375.0	-25.6	-39.3	217.4	41.0	24.9	32.6	327.7	328.9	0.3	26.3	35.1	50.
24.2	72.4	8394.6	350.0	-29.8	-42.9	214.6	45.6	25.9	37.5	328.5	329.4	0.2	26.5	39.2	48.
25.9	76.5	8918.0	325.0	-34.1	-46.3	212.3	45.9*	24.5	38.8	329.7	330.3	0.2	27.3	43.8	47.
27.9	80.6	9473.0	300.0	-38.9	-50.6	211.6	48.4*	25.4	41.2	330.4	330.9	0.1	27.5	49.4	45.
29.8	85.0	10063.4	275.0	-43.9	99.9	212.6	47.8*	25.7	40.2	331.7	999.9	99.9	999.9	54.4	44.
31.8	89.4	10697.8	250.0	-47.7	99.9	219.8	49.0*	31.3	37.6	335.1	999.9	99.9	999.9	60.1	43.
33.8	94.6	11385.4	225.0	-53.1	99.9	224.1	47.1*	32.8	33.8	337.2	999.9	99.9	999.9	66.3	43.
36.2	99.8	12136.2	200.0	-58.1	99.9	227.4	56.8*	41.8	38.4	340.8	999.9	99.9	999.9	74.8	43.
38.9	105.8	12968.2	175.0	-61.4	99.9	230.1	57.6*	44.2	37.0	348.6	999.9	99.9	999.9	82.8	44.
42.3	112.3	13927.9	150.0	-59.7	99.9	225.0	39.3*	27.8	27.8	367.2	999.9	99.9	999.9	91.5	44.
45.6	119.7	15061.5	125.0	-62.9	99.9	226.4	33.9*	24.6	23.4	381.1	999.9	99.9	999.9	97.8	44.
49.9	128.7	16429.7	100.0	-62.9	99.9	239.4	15.8*	13.6	8.0	406.3	999.9	99.9	999.9	105.9	45.
54.7	138.5	18179.0	75.0	-65.9	99.9	181.8	11.5*	0.4	11.5	434.7	999.9	99.9	999.9	108.1	45.
62.1	149.5	20688.5	50.0	-59.9	99.9	61.3	23.3*	-20.5	-11.2	502.3	999.9	99.9	999.9	110.7	44.
74.3	162.0	25122.9	25.0	-48.8	99.9	119.6	3.9	-3.4	1.9	644.5	999.9	99.9	999.9	109.6	44.

* 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

27 APRIL 1975
2100 GMT

142 18. 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	16.2	1193.0	878.6	19.0	-17.5	285.0	10.2	9.9	-2.6	303.3	306.7	1.1	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.
0.1	16.5	1228.1	875.0	18.2	-16.5	285.6	11.8	11.4	-3.2	302.8	306.5	1.2	8.2	0.2	37.
0.9	18.8	1473.7	850.0	14.1	-15.8	284.2	14.5	14.0	-3.6	301.1	305.1	1.3	11.0	0.9	102.
2.1	21.0	1723.8	825.0	11.4	-16.0	286.6	17.3	16.6	-4.9	300.8	304.9	1.3	13.0	2.0	102.
3.5	23.4	1979.4	800.0	9.0	-16.3	279.7	17.9	17.7	-3.0	300.9	304.9	1.3	14.9	3.5	104.
4.5	25.6	2241.0	775.0	6.7	-18.1	273.2	13.7	13.7	-0.8	301.1	304.8	1.2	15.0	4.5	102.
5.8	28.0	2508.4	750.0	3.7	-19.2	252.1	12.6	12.0	3.9	300.7	304.1	1.1	16.8	5.4	99.
7.0	30.6	2782.4	725.0	1.5	-19.7	261.4	15.9	15.7	2.4	301.3	304.7	1.1	18.8	6.4	96.
8.0	33.2	3063.8	700.0	-0.6	-20.8	256.1	16.6	16.1	4.0	301.9	305.1	1.0	20.1	7.3	94.
9.5	35.7	3354.7	675.0	-0.3	-22.7	252.9	26.5	25.4	7.8	305.4	308.3	0.9	16.4	9.3	89.
10.6	38.3	3655.2	650.0	-2.5	-24.7	253.7	26.0	24.9	7.3	306.3	308.8	0.8	16.1	10.9	87.
11.4	40.9	3966.0	625.0	-2.9	-26.5	257.4	26.1	25.5	5.7	309.1	311.4	0.7	14.2	12.2	85.
12.2	43.7	4288.0	600.0	-5.3	-28.3	259.3	28.5	28.0	5.3	310.0	312.1	0.6	14.3	13.4	85.
13.0	46.5	4620.9	575.0	-7.4	-32.6	257.0	32.5	31.7	7.3	311.4	312.8	0.4	11.2	14.9	84.
13.8	49.4	4965.3	550.0	-10.1	-34.5	254.6	34.9	33.6	9.2	312.1	313.3	0.4	11.4	16.5	83.
14.7	52.3	5321.8	525.0	-13.0	-36.6	250.7	35.5	33.6	11.7	312.8	313.9	0.3	11.7	18.4	82.
15.6	55.3	5691.3	500.0	-16.6	-39.2	247.5	35.8	33.1	13.7	312.8	313.7	0.2	12.0	20.3	81.
16.8	58.3	6074.2	475.0	-19.9	-40.8	245.4	34.8	31.7	14.5	313.4	314.2	0.2	13.4	22.8	79.
18.5	61.6	6473.1	450.0	-23.0	-43.2	245.5	32.9	29.9	13.7	314.3	314.9	0.2	13.7	26.2	78.
20.5	65.0	6890.6	425.0	-23.9	-43.9	242.7	35.0	31.1	16.0	318.3	319.0	0.2	13.7	30.0	76.
22.2	68.3	7331.7	400.0	-26.2	-47.1	239.4	38.6*	33.2	19.7	320.9	321.4	0.1	11.9	33.9	74.
23.5	71.7	7795.2	375.0	-29.4	-49.2	235.9	41.7*	34.5	23.4	322.6	323.0	0.1	12.6	36.7	73.
24.7	75.5	8283.9	350.0	-33.1	-52.0	234.7	47.5*	38.8	27.4	324.1	324.4	0.1	12.9	40.0	71.
26.3	79.5	8801.3	325.0	-36.2	-54.4	235.7	48.4*	40.0	27.3	326.7	327.0	0.1	13.2	44.3	70.
28.2	83.3	9353.3	300.0	-39.3	-56.8	236.5	48.2*	40.2	26.6	329.8	330.1	0.1	13.5	49.5	68.
30.1	87.5	9943.7	275.0	-43.8	99.9	235.5	46.8*	38.6	26.5	331.8	999.9	99.9	999.9	54.9	67.
31.9	92.2	10576.5	250.0	-49.1	99.9	235.0	43.4*	35.5	24.9	333.0	999.9	99.9	999.9	59.8	66.
34.2	96.8	11261.4	225.0	-53.1	99.9	234.8	45.6*	37.3	26.3	337.2	999.9	99.9	999.9	65.7	65.
37.1	101.8	12014.3	200.0	-56.5	99.9	239.2	50.8*	43.6	26.0	343.3	999.9	99.9	999.9	74.8	64.
40.1	107.8	12864.1	175.0	-56.2	99.9	239.1	47.0*	40.3	24.1	357.2	999.9	99.9	999.9	83.3	63.
42.9	113.8	13832.9	150.0	-59.5	99.9	242.0	36.7*	32.4	17.2	367.7	999.9	99.9	999.9	89.8	63.
47.3	120.7	14982.6	125.0	-56.3	99.9	241.0	24.1*	21.1	11.6	393.0	999.9	99.9	999.9	98.7	63.
51.3	128.3	16395.8	100.0	-59.4	99.9	174.5	9.5*	-0.9	9.5	412.9	999.9	99.9	999.9	103.2	62.
56.9	137.0	18154.3	75.0	-66.1	99.9	250.3	7.1*	6.7	2.4	434.3	999.9	99.9	999.9	107.1	61.
64.8	145.7	20677.4	50.0	-58.4	99.9	202.3	1.5*	0.6	1.4	506.0	999.9	99.9	999.9	108.7	61.
76.7	154.5	25107.9	25.0	-50.1	99.9	89.1	4.1	-4.1	-0.1	641.0	999.9	99.9	999.9	109.2	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. 327
NASHVILLE, TENN

27 APRIL 1975
2015 GMT

160 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
0.0	5.1	180.0	995.0	29.3	16.5	190.0	3.1	0.5	3.1	304.5	337.1	12.0	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	999.9	99.9	999.9	999.9	999.
0.6	6.5	360.1	975.0	26.2	14.2	180.7	5.5	0.1	5.5	303.0	331.5	10.5	47.5	0.3	357.
1.6	8.7	588.5	950.0	24.0	13.6	183.7	5.1	0.3	5.1	303.0	331.2	10.4	52.1	0.6	358.
2.3	10.6	821.3	925.0	21.9	12.7	197.4	5.5	1.6	5.2	303.1	330.5	10.0	55.8	0.8	2.
3.2	12.7	1058.5	900.0	19.6	11.5	205.6	5.9	2.6	5.3	303.0	329.1	9.6	59.7	1.1	7.
3.9	15.0	1300.3	875.0	17.3	9.6	206.0	6.6	2.9	5.9	303.0	326.7	8.6	60.5	1.3	11.
4.6	17.0	1547.6	850.0	15.7	7.7	213.8	6.3	3.5	5.2	303.6	325.3	7.8	59.0	1.6	14.
5.2	19.4	1800.7	825.0	13.8	6.7	224.2	7.2	5.0	5.1	304.2	325.1	7.5	62.0	1.8	17.
5.9	21.5	2059.7	800.0	11.9	5.9	224.7	9.0	6.3	6.4	304.8	325.2	7.3	66.7	2.1	22.
6.7	23.9	2324.7	775.0	9.7	3.9	232.8	9.1	7.3	5.5	305.1	323.6	6.6	67.4	2.5	26.
7.5	26.1	2596.5	750.0	8.1	1.6	242.3	8.5	7.5	4.0	306.1	322.5	5.8	63.9	2.9	31.
8.4	28.6	2876.0	725.0	6.8	-5.1	254.9	7.0	6.8	1.8	307.4	318.0	3.6	42.2	3.3	35.
9.5	31.2	3163.6	700.0	5.5	-9.7	263.5	7.9	7.8	0.9	309.0	316.9	2.6	32.3	3.6	40.
10.6	33.8	3460.5	675.0	5.2	-15.3	273.9	10.9	10.9	-0.7	311.6	317.0	1.7	21.1	4.0	47.
11.6	36.3	3767.4	650.0	3.1	-13.7	276.8	12.2	12.1	-1.4	312.7	319.0	2.0	28.0	4.5	54.
12.6	39.0	4083.6	625.0	0.4	-5.9	290.4	12.8	12.0	-4.5	313.4	325.2	4.0	62.9	5.1	60.
13.7	41.4	4410.2	600.0	-2.1	-5.9	297.4	14.6	13.0	-6.7	314.2	326.6	4.1	74.7	5.6	67.
14.8	44.2	4747.7	575.0	-4.0	-7.1	294.1	16.8	15.3	-6.9	315.8	327.7	3.9	78.8	6.3	75.
15.9	47.2	5097.0	550.0	-6.8	-8.4	296.8	16.1	14.4	-7.3	316.5	327.8	3.7	88.0	7.2	80.
17.1	50.2	5460.3	525.0	-7.6	-13.7	295.3	16.8	15.2	-7.2	319.6	327.6	2.5	61.5	8.2	85.
18.3	53.1	5837.7	500.0	-11.1	-15.8	290.8	18.2	17.0	-6.5	319.7	326.8	2.2	68.3	9.4	89.
19.5	56.1	6229.8	475.0	-14.1	-17.0	291.7	18.2	17.0	-6.7	320.7	325.3	1.7	63.6	10.6	92.
20.9	59.4	6638.1	450.0	-16.9	-21.0	291.8	18.2	16.9	-6.8	322.2	327.4	1.6	70.3	12.0	94.
22.2	62.9	7065.3	425.0	-19.7	-23.8	296.6	18.9	16.9	-8.4	323.9	328.2	1.3	69.5	13.4	96.
23.6	66.2	7513.7	400.0	-22.0	-30.9	302.6	16.5	13.9	-8.9	326.4	328.9	0.7	43.9	14.8	99.
25.1	70.0	7984.6	375.0	-26.0	-35.3	296.0	17.3	15.5	-7.6	327.2	329.0	0.5	40.6	16.2	100.
26.8	73.6	8480.8	350.0	-29.9	-38.6	294.0	18.0	16.5	-7.3	328.3	329.7	0.4	42.4	17.9	102.
28.7	77.7	9004.1	325.0	-33.9	-45.5	301.0	21.0	18.0	-10.8	329.9	330.6	0.2	30.1	20.0	103.
30.7	81.8	9561.0	300.0	-37.9	-51.3	300.1	21.7	18.8	-10.9	331.8	332.3	0.1	22.8	22.6	105.
32.6	86.0	10154.2	275.0	-42.6	99.9	308.2	22.8	17.9	-14.1	333.5	999.9	99.9	999.9	25.0	107.
34.8	90.8	10789.8	250.0	-48.4	99.9	308.3	25.1	19.7	-15.6	334.1	999.9	99.9	999.9	28.0	110.
37.2	95.8	11474.1	225.0	-54.3	99.9	309.1	26.5	20.6	-16.7	335.3	999.9	99.9	999.9	31.5	112.
39.9	101.3	12218.6	200.0	-60.0	99.9	308.0	32.2	25.4	-19.8	337.7	999.9	99.9	999.9	35.7	114.
42.9	107.3	13040.5	175.0	-66.2	99.9	306.1	32.2	26.0	-19.0	340.7	999.9	99.9	999.9	41.6	116.
46.2	114.0	13958.2	150.0	-71.2	99.9	296.1	26.3	23.6	-11.6	347.5	999.9	99.9	999.9	47.8	117.
50.2	121.3	15048.6	125.0	-67.7	99.9	304.8	22.4	18.4	-12.8	372.5	999.9	99.9	999.9	53.4	117.
55.1	130.0	16395.8	100.0	-68.3	99.9	321.1	21.2	13.3	-16.5	395.8	999.9	99.9	999.9	60.9	118.
61.1	139.3	18136.7	75.0	-66.0	99.9	356.1	7.3	0.5	-7.2	434.6	999.9	99.9	999.9	65.7	120.
69.3	149.5	20642.8	50.0	-57.8	99.9	82.9	5.8	-5.8	-0.7	507.2	999.9	99.9	999.9	66.0	123.
82.0	160.5	25069.1	25.0	-51.9	99.9	131.4	2.7	-2.0	1.8	635.6	999.9	99.9	999.9	63.7	124.

* 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

27 APRIL 1975
2030 GMT

162 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	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1003.4	29.4	20.0	160.0	4.1	-1.4	3.9	304.3	344.3	14.9	57.0	0.0	0.
0.1	6.1	109.4	1000.0	29.7	15.1	189.5	9.3	1.5	9.2	304.3	334.1	10.9	41.3	0.3	13.
0.6	8.3	335.3	975.0	28.8	16.5	189.4	9.3	1.5	9.1	305.8	339.3	12.3	47.5	0.3	13.
1.2	10.5	565.5	950.0	25.6	15.2	187.0	8.4	1.0	8.4	304.8	336.2	11.5	52.5	0.7	11.
1.9	12.6	799.3	925.0	22.9	13.3	179.4	7.9	-0.1	7.9	304.2	332.8	10.5	54.7	1.0	8.
2.6	15.0	1037.4	900.0	20.7	12.4	185.2	9.1	0.8	9.1	304.2	332.0	10.1	59.0	1.3	6.
3.4	17.1	1280.4	875.0	18.3	11.3	187.5	9.7	1.3	9.6	304.1	330.7	9.7	63.9	1.8	7.
4.1	19.6	1528.4	850.0	16.1	10.5	190.0	10.4	1.8	10.2	304.3	330.3	9.5	69.5	2.2	7.
4.9	21.8	1781.8	825.0	14.1	8.7	197.9	11.6	3.6	11.0	304.7	328.5	8.6	69.9	2.8	8.
5.7	24.4	2041.5	800.0	13.6	1.3	205.5	13.7	5.9	12.4	306.3	321.4	5.3	43.2	3.3	11.
6.5	26.7	2308.4	775.0	12.2	-1.5	211.3	14.4	7.5	12.3	307.5	320.4	4.5	38.8	4.0	14.
7.2	29.3	2582.8	750.0	11.8	-9.0	214.2	14.4	8.1	11.9	309.7	317.6	2.6	22.5	4.6	16.
7.9	32.0	2865.8	725.0	11.4	-18.1	212.7	14.5	7.8	12.2	312.2	316.2	1.3	10.8	5.2	19.
8.6	34.7	3158.3	700.0	10.7	-18.6	214.4	13.8	7.8	11.4	314.5	318.5	1.3	10.9	5.8	20.
9.4	37.2	3460.1	675.0	8.8	-19.0	224.1	12.6	8.8	9.0	315.7	319.8	1.3	12.0	6.3	21.
10.2	40.1	3770.7	650.0	6.3	-14.1	227.0	12.5	9.1	8.5	316.3	322.6	2.0	21.6	6.9	24.
11.2	42.7	4090.8	625.0	3.8	-13.4	215.5	13.5	7.8	11.0	317.1	323.9	2.2	27.1	7.6	26.
12.1	45.6	4421.5	600.0	1.9	-10.5	207.8	13.3	6.2	11.8	318.7	327.6	2.9	39.2	8.4	26.
13.2	48.8	4763.4	575.0	-0.7	-10.5	209.8	12.8	6.4	11.1	319.5	328.8	3.0	47.2	9.2	26.
14.2	51.6	5116.9	550.0	-3.6	-9.9	213.6	13.1	7.3	10.9	320.2	330.4	3.3	61.5	10.0	27.
15.2	54.9	5482.5	525.0	-7.2	-10.1	213.9	12.9	7.2	10.7	320.2	330.7	3.4	79.4	10.8	27.
16.2	57.9	5861.3	500.0	-10.1	-14.4	210.8	13.6	7.0	11.7	321.0	328.9	2.5	70.9	11.5	28.
17.2	61.4	6254.4	475.0	-13.6	-23.5	217.3	14.1	8.6	11.2	321.2	325.3	1.2	44.3	12.4	28.
18.4	64.9	6663.6	450.0	-16.0	-38.4	226.6	14.7	10.7	10.1	323.1	324.2	0.3	12.5	13.4	29.
19.7	68.3	7092.5	425.0	-18.5	-36.3	238.9	14.3	12.3	7.4	325.2	326.8	0.4	21.2	14.5	31.
21.1	71.9	7542.1	400.0	-21.5	-38.2	242.8	17.2	15.3	7.9	327.0	328.3	0.4	21.0	15.6	34.
22.5	75.8	8014.6	375.0	-24.8	-31.9	245.5	14.9	13.5	6.2	328.8	331.2	0.7	51.4	16.8	36.
23.9	79.8	8512.6	350.0	-28.9	-43.7	247.0	13.3	12.2	5.2	329.7	330.5	0.2	22.3	17.8	38.
25.6	84.0	9038.2	325.0	-33.2	-40.2	239.4	15.8	13.6	8.0	330.8	332.1	0.3	49.3	19.1	39.
27.3	88.2	9596.3	300.0	-36.9	-45.1	242.7	20.9	18.6	9.6	333.3	334.1	0.2	42.0	20.8	41.
29.1	93.0	10192.8	275.0	-41.2	99.9	248.7	23.6	22.0	8.6	335.5	999.9	99.9	999.9	23.3	44.
31.2	97.8	10833.9	250.0	-45.9	99.9	253.1	22.4	21.4	6.5	337.9	999.9	99.9	999.9	25.9	47.
33.6	103.0	11526.3	225.0	-52.0	99.9	261.4	23.2	22.9	3.5	338.9	999.9	99.9	999.9	28.7	50.
36.3	109.0	12279.7	200.0	-57.3	99.9	265.3	30.0	29.9	2.5	342.0	999.9	99.9	999.9	32.4	54.
38.8	115.0	13109.7	175.0	-64.4	99.9	254.4	19.8	19.1	5.3	343.7	999.9	99.9	999.9	36.2	57.
41.7	121.7	14036.6	150.0	-69.8	99.9	253.4	25.0	23.9	7.1	349.8	999.9	99.9	999.9	39.8	59.
45.4	129.3	15128.8	125.0	-65.6	99.9	268.7	23.1	23.1	0.5	376.2	999.9	99.9	999.9	44.9	61.
49.2	137.3	16482.4	100.0	-69.5	99.9	284.0	12.3	11.9	-3.0	393.5	999.9	99.9	999.9	48.4	63.
54.3	145.3	18206.9	75.0	-67.4	99.9	257.6	7.5	7.3	1.6	431.7	999.9	99.9	999.9	51.1	64.
61.1	154.3	20682.3	50.0	-62.2	99.9	129.2	3.0	-2.3	1.9	496.9	999.9	99.9	999.9	51.0	65.
71.6	163.7	25089.6	25.0	-51.3	99.9	129.1	5.7	-4.4	3.6	637.7	999.9	99.9	999.9	48.1	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. 353
OKLAHOMA CITY OKC

27 APRIL 1975
2015 GMT

141 53. 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	9.3	392.0	959.7	23.9	17.2	170.0	12.9	-2.2	12.7	302.3	337.1	13.0	66.0	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	481.0	950.0	23.3	16.8	173.7	19.0	-2.1	18.9	302.5	336.9	12.8	66.8	0.4	352.
1.1	12.0	713.2	925.0	20.9	15.8	176.3	18.9	-1.2	18.8	302.3	335.4	12.3	72.6	1.1	353.
2.0	14.3	950.0	900.0	18.7	15.3	180.4	22.0	0.2	22.0	302.5	335.6	12.3	80.7	2.2	356.
2.8	16.3	1191.8	875.0	16.7	14.4	186.2	22.5	2.4	22.4	302.7	334.8	11.9	85.3	3.3	358.
3.8	18.6	1439.0	850.0	15.6	13.7	198.7	27.0	8.6	25.5	304.0	335.9	11.7	88.8	4.6	3.
4.6	20.8	1692.5	825.0	13.6	13.0	200.3	26.9	9.3	25.2	304.5	335.9	11.5	96.6	6.0	6.
5.6	23.2	1952.1	800.0	12.5	12.1	214.2	25.1	14.1	20.7	305.9	336.6	11.2	97.3	7.4	11.
6.7	25.6	2219.0	775.0	11.1	10.7	220.1	24.7	15.9	18.9	307.2	336.3	10.5	97.1	8.8	16.
7.5	27.8	2493.1	750.0	9.8	9.4	214.9	25.4	14.5	20.8	308.6	336.3	9.9	96.9	10.0	18.
8.6	30.4	2775.1	725.0	9.7	-0.1	202.6	26.8	10.3	24.8	310.8	326.6	5.4	54.0	11.5	20.
9.7	33.0	3067.2	700.0	10.0	-6.5	196.7	30.6	8.8	29.3	314.0	324.2	3.4	30.7	13.5	20.
10.9	35.5	3368.3	675.0	7.4	-5.7	196.5	30.5	8.7	29.3	314.4	325.6	3.7	39.1	15.7	19.
12.0	38.2	3677.4	650.0	4.4	-6.0	197.3	27.2	8.1	26.0	314.4	325.8	3.8	46.7	17.7	19.
13.3	40.8	3995.5	625.0	1.9	-6.3	196.9	28.7*	8.4	27.5	315.2	326.7	3.8	54.1	19.9	19.
14.7	43.7	4323.6	600.0	-0.5	-7.9	198.5	30.7*	9.8	29.1	316.0	326.8	3.5	57.3	22.3	19.
16.1	46.7	4662.9	575.0	-2.3	-16.0	200.6	30.5*	10.8	28.6	317.5	323.6	1.9	34.0	25.0	19.
17.5	49.8	5014.1	550.0	-5.2	-15.9	203.1	31.6*	12.4	29.1	318.2	324.6	2.0	42.5	27.5	19.
19.0	52.6	5377.7	525.0	-8.3	-18.0	206.1	39.4*	17.3	35.4	318.7	324.3	1.8	45.2	30.8	20.
20.3	55.7	5754.6	500.0	-11.1	-22.5	206.8	32.7*	14.7	29.2	319.6	323.8	1.3	38.3	33.7	20.
21.7	59.0	6145.5	475.0	-14.5	-14.9	202.5	31.2*	11.9	28.8	320.3	328.3	2.5	96.7	36.3	21.
23.0	62.4	6554.1	450.0	-16.8	-16.8	200.8	33.0*	11.7	30.8	322.4	329.7	2.3	99.8	38.5	21.
24.7	65.9	6980.9	425.0	-20.1	-21.3	202.2	45.4*	17.2	42.1	323.3	328.7	1.6	90.1	42.3	21.
26.8	69.6	7427.5	400.0	-23.8	-26.6	203.9	30.4*	12.3	27.8	324.1	327.8	1.1	77.9	48.1	21.
28.7	73.2	7895.3	375.0	-27.7	-40.7	203.5	54.4*	21.7	49.9	324.9	325.9	0.3	27.7	53.3	21.
30.7	77.2	8388.4	350.0	-30.7	-36.9	205.0	39.6*	16.8	35.9	327.4	329.0	0.5	54.1	58.2	21.
32.6	81.2	8910.7	325.0	-34.1	-41.0	201.5	47.6*	17.5	44.3	329.7	330.9	0.3	49.0	62.4	21.
34.5	85.6	9465.8	300.0	-38.7	99.9	202.1	47.3*	17.8	43.8	330.7	999.9	99.9	999.9	69.6	21.
36.9	90.2	10057.1	275.0	-43.6	99.9	206.3	56.6*	25.1	50.7	332.0	999.9	99.9	999.9	75.1	22.
39.3	95.2	10692.0	250.0	-48.0	99.9	225.1	25.2*	17.9	17.8	334.8	999.9	99.9	999.9	80.7	23.
41.4	100.2	11380.5	225.0	-52.6	99.9	222.8	53.9*	36.6	39.5	337.9	999.9	99.9	999.9	85.8	24.
43.8	105.8	12130.7	200.0	-58.9	99.9	241.5	46.9*	41.2	22.4	339.6	999.9	99.9	999.9	93.0	26.
46.9	111.8	12959.6	175.0	-63.6	99.9	274.2	26.1*	26.1	-1.9	345.0	999.9	99.9	999.9	95.6	29.
50.2	118.5	13904.9	150.0	-60.1	99.9	254.0	6.3*	6.1	1.7	366.5	999.9	99.9	999.9	106.5	31.
54.1	125.8	15036.1	125.0	-63.3	99.9	213.8	33.6*	18.7	27.9	380.4	999.9	99.9	999.9	110.8	31.
58.6	133.7	16398.8	100.0	-65.4	99.9	214.7	11.0*	6.3	9.0	401.3	999.9	99.9	999.9	111.4	31.
64.7	141.7	18144.0	75.0	-65.5	99.9	75.0	3.3*	-3.2	-0.9	435.6	999.9	99.9	999.9	116.4	31.
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

4

STATION NO. 363
AMARILLO. TEX

27 APRIL 1975
2045 GMT

108 121. 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	14.4	1095.0	880.3	20.9	-10.6	250.0	17.7	16.6	6.1	305.2	311.1	1.9	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.
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	14.8	1147.0	875.0	19.8	-7.2	246.7	20.4	18.7	8.1	304.7	312.3	2.6	15.6	0.7	46.
1.2	16.8	1395.2	850.0	17.5	-7.4	247.8	22.4	20.8	8.5	304.9	312.5	2.6	17.4	1.9	65.
1.9	18.9	1648.3	825.0	14.8	-9.5	251.1	24.9	23.6	8.1	304.5	311.3	2.2	17.6	2.9	66.
2.8	20.9	1907.2	800.0	12.5	-11.3	251.2	22.8	21.6	7.3	304.7	310.8	2.0	17.8	4.1	68.
3.8	23.2	2172.0	775.0	10.4	-12.9	243.2	27.0	24.1	12.2	305.2	310.8	1.8	17.9	5.6	68.
4.4	25.5	2443.8	750.0	8.2	-14.7	236.6	30.3	25.3	16.7	305.7	310.7	1.6	18.0	6.8	67.
5.0	27.7	2722.1	725.0	5.7	-16.6	230.8	27.0	21.0	17.1	305.8	310.3	1.4	18.2	7.8	65.
5.5	30.1	3007.5	700.0	3.2	-18.5	228.4	28.9	21.6	19.2	306.2	310.2	1.3	18.4	8.5	64.
6.0	32.6	3301.1	675.0	0.7	-20.5	226.5	30.2	21.9	20.8	306.6	310.0	1.1	18.5	9.4	62.
6.5	35.2	3602.7	650.0	-1.5	-23.2	225.0	32.1	22.7	22.7	307.3	310.2	0.9	17.2	10.4	60.
7.3	37.6	3913.7	625.0	-3.8	-25.0	223.9	37.9	26.3	27.3	308.2	310.8	0.8	17.3	11.7	58.
8.1	40.2	4236.5	600.0	-3.1	-25.5	218.6	42.1	26.3	32.9	312.6	315.2	0.8	15.7	13.8	56.
9.9	42.8	4572.2	575.0	-5.0	-26.9	204.1	33.4	13.6	30.5	314.2	316.7	0.7	15.8	17.2	50.
11.9	45.7	4919.6	550.0	-7.8	-29.1	209.0	37.9*	18.4	33.1	314.9	317.0	0.6	16.1	21.2	45.
13.4	48.6	5280.3	525.0	-9.8	-30.7	214.6	37.0*	21.0	30.5	316.7	318.6	0.6	15.2	24.9	44.
14.5	51.4	5655.2	500.0	-12.0	-32.4	215.2	39.0*	22.5	31.9	318.4	320.2	0.5	16.4	27.1	43.
15.4	54.5	6046.6	475.0	-13.9	-33.8	209.6	41.1*	20.3	35.7	320.8	322.4	0.5	16.5	29.5	42.
16.4	57.6	6454.9	450.0	-17.2	-36.5	202.6	42.6*	16.3	39.3	321.6	322.9	0.4	16.8	31.5	41.
17.4	61.0	6880.0	425.0	-20.8	-39.3	206.7	59.4*	26.7	53.0	322.3	323.4	0.3	17.0	34.3	39.
18.7	64.4	7325.4	400.0	-24.1	-41.0	206.1	56.8*	25.0	51.0	323.6	324.5	0.3	19.2	39.9	38.
20.1	68.0	7793.8	375.0	-26.6	-43.0	205.7	43.3*	18.7	39.0	326.3	327.1	0.2	19.4	42.8	37.
21.5	71.5	8288.9	350.0	-29.9	-45.7	207.2	63.1*	28.9	56.1	328.4	329.1	0.2	19.6	48.1	36.
23.0	75.5	8812.8	325.0	-33.7	-48.8	202.1	45.9*	17.3	42.6	330.2	330.7	0.1	19.9	52.6	35.
24.5	79.8	9369.6	300.0	-37.7	-52.1	202.6	42.0*	16.1	38.8	332.2	332.6	0.1	20.1	56.3	34.
26.0	84.0	9964.0	275.0	-42.5	99.9	204.8	44.8*	18.8	40.6	333.7	999.9	99.9	999.9	60.2	33.
27.7	88.8	10601.9	250.0	-47.3	99.9	209.6	97.1*	48.0	84.4	335.7	999.9	99.9	999.9	66.2	33.
30.0	94.0	11292.1	225.0	-50.9	99.9	212.1	26.0*	13.8	22.0	340.5	999.9	99.9	999.9	75.9	32.
31.8	99.4	12053.1	200.0	-53.8	99.9	209.8	68.1*	33.9	59.1	347.5	999.9	99.9	999.9	81.9	32.
33.8	105.3	12901.6	175.0	-56.5	99.9	214.5	43.5*	24.6	35.8	356.6	999.9	99.9	999.9	88.3	32.
36.2	112.0	13882.4	150.0	-56.5	99.9	86.0	10.0*	-10.0	-0.7	372.8	999.9	99.9	999.9	89.8	32.
39.0	119.5	15037.0	125.0	-57.8	99.9	999.9	99.9	99.9	99.9	390.3	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

75

STATION NO. 365
ALBUQUERQUE, N MEX

27 APRIL 1975
2044 GMT

140 11. 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	19.5	1619.0	832.6	11.7	-11.8	270.0	15.4	15.4	0.0	300.4	305.9	1.9	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	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.
0.4	20.3	1695.2	825.0	8.8	-18.4	270.3	19.9	19.9	-0.1	298.0	301.4	1.1	12.9	0.7	93.
1.3	22.5	1947.7	800.0	5.4	-24.6	271.8	19.9	19.9	-0.6	297.0	299.1	0.6	9.2	1.6	92.
2.3	24.8	2205.6	775.0	2.7	-23.8	269.1	19.2	19.2	0.3	296.8	299.0	0.7	12.0	2.7	91.
3.2	26.9	2469.4	750.0	0.3	-22.3	269.1	18.1	18.1	0.3	297.0	299.6	0.8	16.3	3.7	91.
4.1	29.4	2739.7	725.0	-2.7	-23.0	267.6	16.8	16.7	0.7	296.6	299.1	0.8	19.2	4.7	90.
5.1	31.9	3016.2	700.0	-5.5	-23.2	268.0	18.7	18.7	0.7	296.5	299.1	0.8	23.2	5.7	90.
6.1	34.4	3300.3	675.0	-8.0	-25.5	273.5	21.8	21.8	-1.3	296.7	298.9	0.7	22.9	6.9	90.
6.9	36.8	3592.0	650.0	-10.8	-25.0	272.5	20.8	20.8	-0.9	296.9	299.3	0.8	29.8	8.1	90.
7.9	39.4	3891.9	625.0	-13.8	-23.7	275.0	21.2	21.2	-1.8	296.8	299.5	0.9	42.6	9.2	91.
9.1	41.9	4200.3	600.0	-16.9	-25.7	273.2	22.3	22.2	-1.2	296.6	299.0	0.8	45.9	10.8	91.
10.2	44.7	4518.2	575.0	-19.7	-26.6	274.0	22.3	22.2	-1.6	296.9	299.3	0.7	54.2	12.4	92.
11.2	47.6	4846.3	550.0	-22.9	-29.8	273.5	21.9	21.9	-1.3	296.9	298.8	0.6	55.0	13.6	92.
12.1	50.4	5185.4	525.0	-25.7	-37.2	271.1	22.9	22.9	-0.4	297.5	298.4	0.3	33.0	14.9	92.
13.2	53.3	5537.3	500.0	-28.2	-36.5	269.4	23.9	23.9	0.3	298.6	299.7	0.3	44.5	16.3	92.
14.1	56.1	5902.9	475.0	-31.3	-35.1	270.0	25.6	25.6	-0.0	299.2	300.5	0.4	69.1	17.8	92.
15.2	59.4	6283.5	450.0	-34.7	-38.4	270.9	27.3	27.3	-0.4	299.6	300.6	0.3	68.5	19.5	91.
16.5	62.7	6680.1	425.0	-37.4	-42.9	264.0	28.1	27.9	2.9	301.1	301.8	0.2	56.3	21.6	92.
17.8	65.8	7102.4	400.0	-35.0	-53.6	248.4	38.1	35.4	14.0	309.5	309.7	0.1	13.4	23.9	90.
19.3	69.3	7552.9	375.0	-35.3	-55.0	249.2	46.9	43.9	16.7	314.8	315.0	0.1	11.2	27.6	87.
21.1	72.9	8031.9	350.0	-37.0	-56.3	247.8	42.3	39.2	16.0	318.8	319.0	0.1	11.3	32.6	84.
22.9	76.7	8543.7	325.0	-38.2	-57.2	241.2	40.0	35.1	19.3	323.9	324.1	0.0	11.4	36.4	82.
24.7	80.7	9091.6	300.0	-40.2	99.9	241.2	41.0*	35.9	19.7	328.7	999.9	99.9	999.9	41.1	79.
26.7	85.0	9685.4	275.0	-39.9	99.9	246.5	41.0*	37.6	16.3	337.4	999.9	99.9	999.9	45.2	78.
28.5	89.2	10333.9	250.0	-42.1	99.9	243.3	27.7*	24.8	12.5	343.5	999.9	99.9	999.9	48.8	77.
30.5	94.2	11044.5	225.0	-43.9	99.9	236.1	36.2*	30.0	20.2	351.3	999.9	99.9	999.9	52.7	76.
32.6	99.0	11831.2	200.0	-46.6	99.9	232.9	33.9*	27.1	20.5	359.0	999.9	99.9	999.9	56.9	74.
35.0	104.5	12710.2	175.0	-50.4	99.9	239.3	39.0*	33.5	19.9	366.8	999.9	99.9	999.9	61.2	73.
37.7	110.6	13708.0	150.0	-53.4	99.9	230.8	31.4*	24.4	19.9	378.1	999.9	99.9	999.9	66.4	71.
41.0	117.3	14892.3	125.0	-52.3	99.9	234.1	22.6*	18.3	13.3	400.3	999.9	99.9	999.9	70.6	70.
44.6	125.0	16305.8	100.0	-60.0	99.9	193.1	23.9	5.4	23.2	411.7	999.9	99.9	999.9	73.8	68.
50.2	133.7	18100.8	75.0	-59.8	99.9	186.1	6.3	0.7	6.3	447.7	999.9	99.9	999.9	77.5	65.
57.4	142.7	20628.9	50.0	-57.5	99.9	155.1	4.2	-1.8	3.8	508.0	999.9	99.9	999.9	79.4	63.
69.5	152.3	25066.6	25.0	-51.2	99.9	111.5	7.3	-6.8	2.7	637.8	999.9	99.9	999.9	79.0	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. 456
TOPEKA, KAN

27 APRIL 1975
2015 GMT

157 12. 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	6.5	268.0	973.1	26.7	21.2	180.0	9.8	0.0	9.8	304.5	348.9	16.6	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.
0.9	8.6	479.7	950.0	23.9	17.3	172.9	12.2	-1.5	12.1	302.3	338.9	13.2	66.6	0.5	358.
1.5	10.6	712.7	925.0	21.5	16.2	178.9	12.6	-0.2	12.6	303.0	337.1	12.7	71.9	1.0	356.
2.2	12.7	950.0	900.0	19.4	16.1	187.1	15.1	1.9	15.0	303.2	337.9	12.9	81.2	1.5	359.
3.2	14.8	1192.1	875.0	16.9	15.3	187.3	16.8	2.1	16.7	303.1	337.0	12.6	89.9	2.5	2.
4.2	16.8	1439.4	850.0	15.0	14.4	191.8	19.3	3.9	18.9	303.5	336.7	12.3	96.0	3.6	4.
5.2	19.2	1692.3	825.0	13.3	12.6	201.6	17.7	6.5	16.4	304.1	334.7	11.2	95.7	4.7	7.
6.1	21.3	1951.9	800.0	12.4	11.6	207.7	17.3	8.0	15.3	305.8	335.5	10.8	94.8	5.6	10.
6.9	23.6	2218.6	775.0	11.4	9.9	204.6	14.7	6.1	13.4	307.4	335.1	10.0	90.9	6.4	12.
8.0	25.8	2493.3	750.0	10.6	9.4	202.7	15.7	6.1	14.5	309.4	337.4	10.0	92.4	7.3	14.
9.0	28.3	2775.9	725.0	8.8	7.9	204.3	16.5	6.8	15.0	310.4	336.6	9.3	93.6	8.3	15.
10.0	30.8	3066.2	700.0	7.0	6.3	205.1	17.9	7.6	16.2	311.3	335.8	8.6	95.2	9.3	16.
11.2	33.4	3364.8	675.0	4.4	3.4	202.9	20.6	8.0	18.9	311.5	332.4	7.3	93.1	10.6	17.
12.7	35.9	3673.5	650.0	6.0	-5.8	203.0	25.1	9.8	23.1	316.2	327.9	3.8	42.6	12.6	18.
13.8	38.6	3993.9	625.0	4.0	-10.1	205.1	25.3	10.8	22.9	317.4	326.2	2.8	34.7	14.3	19.
14.9	41.1	4324.3	600.0	1.6	-11.5	208.2	27.5	13.0	24.2	318.3	326.6	2.6	37.1	16.1	19.
16.1	43.9	4665.6	575.0	-0.5	-18.7	212.3	29.6	15.8	25.1	319.5	324.4	1.5	23.7	18.0	20.
17.2	46.9	5018.8	550.0	-3.7	-19.6	215.7	27.2	15.9	22.1	319.8	324.6	1.5	27.9	20.1	22.
18.6	49.8	5384.0	525.0	-7.2	-20.8	216.9	27.2	16.3	21.7	319.9	324.4	1.4	32.7	22.1	23.
19.9	52.6	5761.8	500.0	-10.9	-22.6	215.9	26.8	15.7	21.7	319.8	323.9	1.2	37.4	24.2	24.
21.4	55.7	6154.1	475.0	-13.3	-33.7	216.1	26.2	15.5	21.2	321.5	323.1	0.5	16.0	26.5	26.
22.9	58.9	6563.0	450.0	-16.7	-35.2	210.1	27.1	13.6	23.4	322.2	323.7	0.4	18.3	29.2	26.
24.6	62.3	6990.1	425.0	-19.3	-34.9	215.6	32.1	18.7	26.1	324.3	325.9	0.5	23.9	32.1	27.
26.2	65.6	7438.7	400.0	-21.8	-34.7	220.0	30.8	19.8	23.6	326.6	328.4	0.5	29.9	35.0	28.
28.0	69.1	7909.9	375.0	-25.7	-35.1	223.4	27.0	18.6	19.6	327.5	329.3	0.5	40.7	37.7	29.
29.6	72.7	8407.3	350.0	-29.1	-42.5	225.7	28.4	20.3	19.8	329.4	330.4	0.3	26.0	40.4	30.
31.4	76.7	8932.7	325.0	-33.3	-43.7	223.9	33.2	23.0	24.0	330.7	331.6	0.2	34.0	43.4	31.
33.2	80.7	9489.6	300.0	-38.2	-46.4	220.3	27.4	17.7	20.9	331.4	332.2	0.2	41.2	47.3	32.
35.2	85.0	10081.7	275.0	-43.1	99.9	224.5	27.7	19.4	19.7	332.7	999.9	99.9	999.9	51.0	32.
37.5	89.6	10716.6	250.0	-48.4	99.9	223.4	41.6	28.5	30.2	334.1	999.9	99.9	999.9	56.0	34.
40.1	94.6	11402.1	225.0	-53.5	99.9	231.3	29.0	22.7	18.2	336.4	999.9	99.9	999.9	60.6	34.
42.9	99.8	12150.5	200.0	-58.6	99.9	230.1	32.3*	24.8	20.7	340.0	999.9	99.9	999.9	65.5	36.
45.8	105.5	12979.8	175.0	-63.9	99.9	223.6	22.7*	15.6	16.4	344.6	999.9	99.9	999.9	69.4	37.
48.0	111.8	13916.4	150.0	-65.7	99.9	218.9	22.9*	14.4	17.8	356.9	999.9	99.9	999.9	73.4	37.
53.1	119.0	15040.7	125.0	-60.8	99.9	248.2	16.7	15.5	6.2	384.9	999.9	99.9	999.9	79.8	38.
57.9	127.0	16414.5	100.0	-65.7	99.9	218.0	20.1	12.4	15.8	400.8	999.9	99.9	999.9	83.7	39.
64.1	136.3	18189.8	75.0	-61.8	99.9	200.0	8.6	2.9	8.0	443.3	999.9	99.9	999.9	86.4	39.
72.3	146.0	20724.9	50.0	-57.7	99.9	61.0	9.0	-7.8	-4.4	507.5	999.9	99.9	999.9	85.2	38.
85.4	156.7	25161.8	25.0	-51.5	99.9	139.0	5.1	-3.4	3.9	637.1	999.9	99.9	999.9	83.0	35.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
2026 GMT

157 18. 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	180.0	995.2	28.4	16.3	110.0	1.6	-1.5	0.5	303.6	335.7	11.8	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.
0.6	7.4	362.4	975.0	27.1	16.6	179.5	3.4	-0.0	3.4	304.2	337.6	12.3	52.6	0.1	337.
1.6	9.3	591.2	950.0	24.0	15.1	186.0	3.8	0.4	3.7	303.1	334.2	11.5	57.6	0.3	350.
2.6	11.1	824.0	925.0	21.5	14.0	201.6	4.4	1.6	4.1	302.8	332.5	10.9	62.1	0.6	3.
3.7	13.0	1061.3	900.0	19.8	12.4	194.2	4.9	1.2	4.7	303.3	330.9	10.1	62.1	0.9	8.
4.6	15.0	1303.5	875.0	17.5	13.7	195.0	4.9	1.3	4.8	303.5	334.2	11.3	78.2	1.1	9.
5.5	16.8	1551.0	850.0	15.2	13.0	198.0	6.2	1.9	5.9	303.6	333.9	11.1	86.4	1.4	11.
6.4	18.9	1803.8	825.0	13.1	10.6	214.5	7.0	4.0	5.8	303.8	330.7	9.8	84.7	1.7	13.
7.3	20.9	2062.4	800.0	11.3	7.0	214.6	7.4	4.2	6.1	304.2	326.1	7.9	74.7	2.1	18.
8.3	23.1	2327.5	775.0	10.2	1.9	206.7	6.8	3.0	6.1	305.5	321.7	5.7	56.3	2.6	20.
9.2	25.2	2599.8	750.0	8.5	-2.5	207.5	6.7	3.1	5.9	306.4	318.8	4.3	46.0	2.9	20.
10.2	27.3	2879.9	725.0	7.9	-4.9	220.4	6.7	4.3	5.1	308.6	319.4	3.7	39.9	3.3	22.
11.3	29.7	3168.8	700.0	7.4	-9.1	232.0	5.0	3.9	3.1	311.0	319.3	2.7	30.0	3.7	25.
12.4	32.1	3467.5	675.0	6.3	-17.7	245.8	4.6	4.2	1.9	312.9	317.3	1.4	15.9	3.9	27.
13.4	34.5	3775.2	650.0	3.5	-17.4	268.4	4.7	4.7	0.1	313.1	317.9	1.5	19.8	4.1	30.
14.5	36.8	4092.0	625.0	1.1	-15.3	286.4	6.1	5.8	-1.7	313.9	319.8	1.9	28.0	4.2	34.
15.8	39.4	4418.8	600.0	-1.3	-17.1	294.1	7.4	6.8	-3.0	314.8	320.1	1.7	28.6	4.4	41.
17.1	41.8	4756.4	575.0	-3.6	-21.2	300.2	9.5	8.2	-4.8	315.9	319.9	1.2	23.9	4.6	49.
18.5	44.6	5106.7	550.0	-5.2	-15.0	304.2	10.9	9.0	-6.1	318.2	325.0	2.2	46.1	4.9	59.
19.8	47.4	5470.6	525.0	-7.9	-16.0	306.9	11.9	9.5	-7.2	319.1	325.8	2.1	52.3	5.3	67.
20.9	50.3	5848.2	500.0	-10.5	-19.8	308.2	11.6	9.1	-7.1	320.3	325.5	1.6	46.2	5.8	75.
22.3	53.1	6240.7	475.0	-13.7	-22.5	306.5	11.7	9.4	-7.0	321.1	325.5	1.3	47.1	6.4	81.
23.7	56.1	6649.5	450.0	-16.6	-24.0	308.6	13.7	10.7	-8.6	322.5	326.6	1.2	52.6	7.1	87.
25.0	59.4	7076.9	425.0	-19.4	-26.6	310.9	16.4	12.4	-10.8	324.1	327.6	1.0	52.9	8.1	93.
26.5	62.9	7524.5	400.0	-23.1	-29.9	309.3	16.9	13.1	-10.7	325.0	327.7	0.8	53.5	9.3	99.
28.2	66.1	7994.5	375.0	-25.9	-33.1	310.4	15.6	11.9	-10.1	327.3	329.5	0.6	50.4	10.7	103.
29.8	69.9	8491.6	350.0	-28.8	-41.5	310.3	13.2	10.1	-8.6	329.8	330.9	0.3	27.9	12.1	106.
31.8	73.6	9017.5	325.0	-32.9	-46.4	309.8	13.4	10.3	-8.6	331.2	331.9	0.2	24.2	13.4	109.
33.7	77.8	9575.0	300.0	-38.0	-50.6	312.8	11.8	8.7	-8.0	331.7	332.1	0.1	25.2	14.7	111.
35.7	82.0	10168.2	275.0	-42.9	99.9	307.3	12.9	10.3	-7.8	333.1	999.9	99.9	999.9	16.2	113.
37.7	86.4	10804.8	250.0	-47.5	99.9	312.4	17.7	13.1	-11.9	335.4	999.9	99.9	999.9	17.9	114.
39.9	91.6	11491.3	225.0	-53.9	99.9	312.7	18.3	13.4	-12.4	336.6	999.9	99.9	999.9	20.2	117.
42.3	97.0	12237.0	200.0	-59.8	99.9	300.5	26.6	22.9	-13.5	338.1	999.9	99.9	999.9	23.4	118.
45.0	103.0	13058.0	175.0	-66.6	99.9	305.8	32.7	26.5	-19.2	340.1	999.9	99.9	999.9	28.1	119.
47.7	109.8	13977.5	150.0	-71.3	99.9	307.6	26.7	21.1	-16.3	347.2	999.9	99.9	999.9	32.7	120.
51.0	117.0	15054.3	125.0	-67.8	99.9	306.7	24.9	19.9	-14.9	372.2	999.9	99.9	999.9	37.6	120.
54.8	125.7	16394.7	100.0	-68.7	99.9	314.1	23.4	16.8	-16.3	395.1	999.9	99.9	999.9	43.2	121.
59.9	135.7	18109.0	75.0	-69.0	99.9	344.2	10.0	2.7	-9.7	428.4	999.9	99.9	999.9	47.2	123.
66.8	146.0	20584.2	50.0	-60.3	99.9	29.5	1.0	-0.5	-0.9	501.3	999.9	99.9	999.9	48.7	126.
77.2	157.5	24970.7	25.0	-54.2	99.9	109.0	1.6	-1.5	0.5	629.0	999.9	99.9	999.9	47.9	127.

* 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

27 APRIL 1975
2100 GMT

128 84. 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	9.3	362.0	962.1	23.8	17.3	150.0	10.3	-5.2	8.9	302.0	337.0	13.1	67.0	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	10.3	473.3	950.0	24.1	18.0	161.6	18.6	-5.9	17.7	303.5	340.7	13.8	68.6	0.5	334.
1.4	12.5	706.4	925.0	22.1	16.4	166.6	20.1	-4.7	19.5	303.7	338.3	12.8	69.9	1.3	341.
2.2	14.8	944.4	900.0	20.3	15.4	172.3	22.1	-3.0	21.9	304.1	337.6	12.4	73.7	2.5	345.
3.2	17.0	1187.3	875.0	18.2	14.9	181.9	23.4	0.8	23.4	304.4	337.8	12.3	81.2	3.7	349.
4.0	19.4	1436.0	850.0	16.6	14.7	191.4	23.5	4.7	23.0	305.2	339.1	12.5	88.4	4.8	353.
5.0	21.7	1690.5	825.0	15.1	14.1	204.2	19.7	8.1	17.9	306.2	340.2	12.4	93.8	6.0	358.
5.9	24.1	1951.7	800.0	13.9	13.0	217.9	17.7	10.9	14.0	307.6	340.4	11.9	94.1	6.9	3.
7.0	26.4	2220.0	775.0	12.6	11.5	232.8	16.9	13.5	10.2	308.8	339.7	11.1	92.9	7.7	8.
7.9	29.0	2495.1	750.0	10.8	9.6	239.0	17.4	14.9	9.0	309.6	337.8	10.1	92.2	8.4	13.
9.2	31.7	2777.6	725.0	8.3	7.5	238.7	17.0	14.5	8.8	309.7	335.1	9.0	94.5	9.4	19.
10.3	34.3	3067.5	700.0	7.1	2.0	232.3	15.0	11.9	9.2	311.2	329.6	6.4	70.2	10.2	23.
11.6	36.8	3365.9	675.0	4.6	-1.2	225.8	15.1	10.8	10.6	311.4	326.7	5.2	66.2	11.3	25.
13.3	39.6	3672.2	650.0	0.7	-1.8	213.9	17.4	9.7	14.4	310.4	325.9	5.3	84.2	12.8	27.
14.5	42.2	3986.2	625.0	-0.6	-29.9	206.4	22.2	9.9	19.9	311.8	313.5	0.5	8.7	14.3	27.
15.7	45.0	4311.3	600.0	-1.9	-29.1	204.0	25.2	10.2	23.0	313.9	315.8	0.6	10.3	16.0	27.
16.8	48.0	4648.1	575.0	-4.3	-32.4	202.0	27.8	10.4	25.7	315.0	316.5	0.4	8.9	17.7	27.
17.9	50.9	4996.4	550.0	-7.3	-24.4	199.2	33.2	10.9	31.3	315.5	318.7	1.0	23.9	19.7	26.
19.2	54.0	5357.5	525.0	-9.2	-22.9	194.8	37.9	9.7	36.6	317.5	321.3	1.1	31.5	22.5	25.
20.5	57.0	5733.1	500.0	-11.9	-27.8	192.4	29.2	6.3	28.5	318.6	321.2	0.8	25.1	25.2	24.
21.7	60.3	6123.2	475.0	-15.4	-20.7	193.9	28.3	6.8	27.4	319.1	324.1	1.6	63.9	27.1	23.
22.7	63.6	6531.6	450.0	-16.4	-20.2	193.4	32.5	7.5	31.7	322.7	328.3	1.7	72.5	29.0	22.
23.9	66.9	6959.2	425.0	-19.5	-22.8	197.6	64.2	19.4	61.2	324.1	328.9	1.4	75.0	31.1	22.
25.2	70.4	7406.9	400.0	-23.0	-26.7	196.4	55.1	15.6	52.8	325.2	328.8	1.1	71.4	37.3	21.
26.5	74.0	7877.4	375.0	-25.1	-28.7	202.9	41.0	16.0	37.8	328.4	331.7	0.9	71.4	41.0	21.
27.7	77.9	8375.7	350.0	-27.6	-31.7	211.6	36.1	18.9	30.8	331.6	334.3	0.8	67.5	43.6	21.
28.9	81.7	8904.5	325.0	-31.8	-36.3	216.7	32.0	19.1	25.6	332.8	334.7	0.5	64.1	45.7	22.
30.4	85.9	9465.3	300.0	-36.1	-41.2	215.4	26.8	15.5	21.8	334.5	335.7	0.3	58.7	48.5	23.
31.8	90.2	10063.1	275.0	-41.1	99.9	212.6	30.5	16.4	25.7	335.7	999.9	99.9	999.9	51.1	23.
33.8	95.0	10703.2	250.0	-46.1	99.9	212.9	25.1	13.6	21.1	337.5	999.9	99.9	999.9	53.9	24.
36.6	99.8	11395.8	225.0	-51.8	99.9	234.9	23.9	19.6	13.7	339.2	999.9	99.9	999.9	57.4	25.
38.7	104.8	12150.6	200.0	-57.3	99.9	219.9	42.9	27.6	32.9	342.1	999.9	99.9	999.9	61.2	27.
40.2	110.6	12981.6	175.0	-64.2	99.9	220.0	27.4	17.6	21.0	344.0	999.9	99.9	999.9	64.3	27.
42.8	116.5	13923.2	150.0	-62.3	99.9	222.0	27.7	18.5	20.5	362.8	999.9	99.9	999.9	68.4	28.
45.6	123.5	15068.0	125.0	-58.5	99.9	213.1	24.7	13.5	20.7	389.2	999.9	99.9	999.9	72.0	29.
48.6	130.8	16442.0	100.0	-65.9	99.9	207.6	33.3	15.4	29.5	400.4	999.9	99.9	999.9	74.0	29.
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

79

Sounding Data

28 April 1975

0000 GMT

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
2315 GMT

160 11. 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	44.0	1010.0	27.0	17.8	100.0	2.2	-2.2	0.4	301.0	335.2	12.8	57.0	0.0	0.
0.2	4.8	132.7	1000.0	28.8	19.7	120.3	6.0	-5.2	3.0	304.0	343.5	14.7	57.9	0.1	318.
0.9	6.6	358.2	975.0	27.6	18.2	131.3	6.9	-5.2	4.5	304.8	341.6	13.6	56.6	0.4	305.
1.7	8.7	588.2	950.0	25.8	16.8	153.5	5.8	-2.6	5.2	305.1	339.9	12.8	57.6	0.6	313.
2.5	10.6	822.7	925.0	23.7	15.1	170.4	6.1	-1.0	6.0	305.1	337.3	11.8	58.7	0.9	322.
3.3	12.7	1061.7	900.0	21.6	14.3	180.1	6.7	0.0	6.7	305.3	336.7	11.5	63.3	1.1	331.
4.3	14.9	1305.5	875.0	19.4	13.8	207.0	6.8	3.1	6.1	305.4	336.7	11.4	70.2	1.5	340.
5.1	16.9	1554.9	850.0	17.7	12.6	225.0	7.2	5.1	5.1	306.1	336.0	10.9	72.2	1.7	350.
6.0	19.1	1809.8	825.0	15.2	14.0	228.5	7.6	5.7	5.0	306.4	340.0	12.3	92.0	2.0	1.
7.0	21.2	2070.6	800.0	13.4	12.7	238.0	7.3	6.2	3.9	307.0	339.0	11.6	95.2	2.2	9.
7.9	23.5	2338.2	775.0	11.9	11.1	247.1	7.7	7.1	3.0	308.0	337.9	10.8	94.8	2.5	17.
8.9	25.8	2612.6	750.0	9.7	8.8	260.8	6.7	6.6	1.1	308.4	335.2	9.4	94.0	2.8	25.
10.0	28.2	2894.1	725.0	8.1	6.8	274.2	6.2	6.1	-0.4	309.4	333.7	8.6	91.6	3.0	32.
11.0	30.7	3183.7	700.0	6.6	2.6	284.4	6.1	5.9	-1.5	310.7	329.8	6.6	75.4	3.1	38.
12.1	33.2	3482.1	675.0	5.3	-1.7	303.0	4.9	4.2	-2.7	312.2	326.9	5.0	60.6	3.3	44.
13.1	35.7	3789.6	650.0	3.0	0.4	320.9	4.7	3.0	-3.7	313.2	330.9	6.1	82.7	3.3	50.
14.2	38.3	4106.8	625.0	0.4	-0.1	315.6	5.6	3.9	-4.0	313.7	331.6	6.1	96.1	3.3	55.
15.2	40.8	4433.7	600.0	-1.3	-2.0	324.7	6.8	3.9	-5.5	315.3	331.6	5.5	95.1	3.4	62.
16.3	43.6	4772.8	575.0	-2.9	-6.6	338.0	7.6	2.9	-7.1	317.2	329.5	4.1	75.4	3.4	69.
17.5	46.5	5124.7	550.0	-4.2	-9.1	343.3	8.5	2.4	-8.2	319.5	330.4	3.5	68.8	3.4	80.
18.7	49.5	5490.1	525.0	-6.8	-18.5	350.8	7.5	1.2	-7.4	320.4	325.8	1.7	38.7	3.5	90.
19.9	52.3	5870.1	500.0	-8.4	-19.0	355.0	8.4	0.7	-8.4	323.0	328.6	1.7	42.0	3.6	98.
21.3	55.3	6266.2	475.0	-11.5	-18.0	342.8	10.2	3.0	-9.8	324.0	330.4	2.0	58.4	3.9	109.
22.7	58.4	6679.2	450.0	-14.0	-18.8	337.8	11.6	4.4	-10.7	325.9	332.2	1.9	66.7	4.5	118.
24.2	61.9	7111.6	425.0	-16.5	-23.6	328.5	13.1	6.8	-11.2	328.0	332.5	1.3	53.7	5.5	125.
25.7	65.3	7564.9	400.0	-19.6	-28.5	326.2	13.6	7.5	-11.3	329.6	333.2	1.1	51.3	6.6	128.
27.4	68.7	8040.5	375.0	-23.2	-64.1	334.9	15.0	6.4	-13.6	330.9	330.9	0.0	1.1	7.9	132.
29.1	72.3	8542.1	350.0	-27.0	-67.2	326.8	16.1	8.8	-13.5	332.2	332.3	0.0	1.0	9.5	136.
30.8	76.3	9072.1	325.0	-30.9	-41.9	321.2	15.5	9.8	-12.1	334.0	335.1	0.3	33.7	11.1	137.
32.8	80.4	9635.6	300.0	-35.2	-64.5	329.4	18.7	9.5	-16.1	335.7	335.8	0.0	4.5	13.2	138.
34.9	84.7	10234.9	275.0	-40.7	99.9	333.6	18.1	8.0	-16.2	336.3	999.9	99.9	999.9	15.2	140.
37.3	89.2	10875.6	250.0	-46.4	99.9	336.0	19.6	8.0	-17.9	337.0	999.9	99.9	999.9	18.1	143.
39.8	94.4	11565.7	225.0	-52.5	99.9	327.9	20.5	10.9	-17.3	338.1	999.9	99.9	999.9	21.1	143.
42.6	99.8	12316.6	200.0	-58.7	99.9	332.4	29.8	13.8	-26.4	339.8	999.9	99.9	999.9	24.9	145.
45.7	105.5	13144.6	175.0	-64.5	99.9	334.7	32.1	13.7	-29.0	343.5	999.9	99.9	999.9	30.8	147.
49.0	112.0	14071.7	150.0	-71.3	99.9	326.1	27.4	15.3	-22.7	347.3	999.9	99.9	999.9	36.6	148.
53.4	119.3	15153.4	125.0	-67.4	99.9	319.7	30.7	19.9	-23.4	372.9	999.9	99.9	999.9	44.6	146.
58.5	128.0	16498.6	100.0	-69.9	99.9	329.6	25.4	12.9	-21.9	392.7	999.9	99.9	999.9	53.0	145.
64.4	137.5	18226.7	75.0	-67.6	99.9	319.2	9.5	6.2	-7.2	431.2	999.9	99.9	999.9	60.2	145.
73.2	147.5	20717.7	50.0	-60.8	99.9	103.3	1.8	-1.7	0.4	500.2	999.9	99.9	999.9	63.0	146.
87.3	157.7	25143.0	25.0	-51.2	99.9	106.7	6.2	-5.9	1.8	637.9	999.9	99.9	999.9	64.4	147.

* 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. 226
CENTERVILLE, ALA

27 APRIL 1975
2315 GMT

164 14. 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 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	140.0	998.9	26.9	19.5	230.0	2.1	1.6	1.3	302.1	340.7	14.5	64.0	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	8.6	354.1	975.0	25.7	15.6	999.9	99.9	99.9	99.9	302.6	333.8	11.5	53.5	999.9	999.
1.9	10.9	582.0	950.0	23.1	14.4	999.9	99.9	99.9	99.9	302.1	331.6	10.9	57.9	999.9	999.
2.8	13.4	814.1	925.0	21.0	13.5	999.9	99.9	99.9	99.9	302.2	330.9	10.6	62.1	999.9	999.
3.7	15.8	1050.9	900.0	19.2	13.3	999.9	99.9	99.9	99.9	302.7	331.9	10.8	68.8	999.9	999.
4.7	18.3	1292.6	875.0	16.7	11.8	203.4	7.2	2.9	6.6	302.4	329.6	10.0	72.8	1.6	11.
5.7	20.8	1539.4	850.0	15.1	8.5	237.9	9.8	8.3	5.2	303.1	325.9	8.3	64.7	2.0	21.
6.6	23.3	1791.8	825.0	13.5	5.3	202.1	8.1	3.0	7.5	303.8	322.8	6.8	57.3	2.4	25.
7.5	25.8	2050.6	800.0	12.0	5.6	197.4	8.3	2.5	7.9	304.9	325.0	7.2	65.1	2.9	24.
8.5	28.5	2315.9	775.0	9.8	5.4	183.8	7.6	0.5	7.6	305.3	325.7	7.3	74.0	3.4	22.
9.6	31.3	2587.7	750.0	8.2	-0.0	178.1	6.9	-0.2	6.9	306.1	320.9	5.2	56.8	3.8	19.
10.6	34.1	2867.2	725.0	7.4	-13.2	180.4	6.1	0.0	6.1	307.8	313.6	1.9	21.5	4.2	17.
11.8	36.8	3155.7	700.0	7.1	-15.8	191.8	4.0	0.8	3.9	310.6	315.6	1.6	17.9	4.6	16.
13.0	39.7	3454.0	675.0	5.9	-19.5	176.2	2.9	-0.2	2.9	312.4	316.3	1.2	14.0	4.8	16.
14.1	42.3	3761.9	650.0	4.1	-14.6	111.9	1.6	-1.5	0.6	313.8	319.7	1.9	24.2	4.9	15.
15.3	45.3	4079.5	625.0	1.8	-14.6	26.5	1.6	-0.7	-1.4	314.7	320.9	2.0	28.3	4.8	14.
16.5	48.4	4407.0	600.0	-0.6	-15.7	357.9	4.7	0.2	-4.7	315.6	321.5	1.9	30.8	4.7	15.
18.0	51.3	4746.4	575.0	-2.0	-14.3	1.1	4.9	-0.1	-4.8	317.9	324.9	2.2	38.2	4.1	16.
19.3	54.4	5098.2	550.0	-4.5	-16.3	0.4	3.2	-0.0	-3.2	318.9	325.2	2.0	39.3	3.9	17.
20.8	57.5	5463.2	525.0	-7.0	-19.4	330.9	3.6	1.7	-3.1	320.2	325.3	1.6	36.2	3.6	19.
22.1	60.9	5841.2	500.0	-10.7	-20.5	300.4	3.0	2.6	-1.5	320.1	325.0	1.5	44.1	3.5	24.
23.5	64.3	6234.0	475.0	-12.7	-28.1	314.5	5.6	4.0	-3.9	322.3	325.0	0.8	26.3	3.5	29.
25.1	67.6	6644.8	450.0	-15.4	-32.8	318.8	9.2	6.1	-6.9	323.9	325.8	0.5	20.9	3.3	40.
26.7	71.0	7073.6	425.0	-18.8	-44.6	329.0	11.6	6.0	-10.0	324.8	325.5	0.2	8.1	3.2	58.
28.6	74.7	7523.0	400.0	-21.9	-37.1	326.5	13.0	7.2	-10.8	326.5	327.9	0.4	24.0	3.5	82.
30.3	78.5	7994.7	375.0	-25.4	-35.4	328.6	12.7	6.6	-10.9	328.0	329.8	0.5	38.9	4.2	98.
32.2	82.3	8491.4	350.0	-29.2	99.9	326.1	13.3	7.4	-11.1	329.4	999.9	99.9	999.9	5.3	111.
34.1	86.3	9016.8	325.0	-32.9	99.9	310.0	11.7	8.9	-7.5	331.3	999.9	99.9	999.9	6.7	117.
36.3	90.6	9576.0	300.0	-36.9	99.9	293.5	9.2	8.5	-3.7	333.3	999.9	99.9	999.9	7.9	117.
38.5	95.2	10171.3	275.0	-42.1	99.9	297.0	10.7	9.6	-4.9	334.3	999.9	99.9	999.9	9.2	117.
41.0	99.8	10808.6	250.0	-47.3	99.9	284.8	13.2	12.8	-3.4	335.8	999.9	99.9	999.9	11.1	116.
43.3	104.6	11496.9	225.0	-53.4	99.9	288.4	18.6	17.6	-5.9	336.7	999.9	99.9	999.9	13.3	114.
46.6	110.2	12241.3	200.0	-60.6	99.9	296.6	22.4	20.0	-10.0	336.8	999.9	99.9	999.9	17.3	114.
50.1	115.8	13060.6	175.0	-66.9	99.9	292.5	32.1	29.7	-12.3	339.5	999.9	99.9	999.9	22.6	115.
53.8	122.0	13978.7	150.0	-71.0	99.9	291.4	36.0	33.5	-13.2	347.8	999.9	99.9	999.9	30.5	114.
57.5	129.0	15071.5	125.0	-70.6	99.9	325.9	16.5	9.2	-13.7	367.2	999.9	99.9	999.9	36.0	116.
62.8	136.7	16399.4	100.0	-69.6	99.9	314.4	20.5	14.6	-14.3	393.2	999.9	99.9	999.9	42.7	117.
69.7	144.7	18109.2	75.0	-71.7	99.9	331.1	12.4	6.0	-10.8	422.6	999.9	99.9	999.9	48.7	120.
79.0	153.7	20564.6	50.0	-63.9	99.9	127.3	2.6	-2.1	1.6	492.9	999.9	99.9	999.9	50.1	123.
94.3	164.0	24936.6	25.0	-52.8	99.9	125.3	2.1	-1.7	1.2	632.9	999.9	99.9	999.9	47.8	125.

* 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. 232
BOOTHVILLE, LA

27 APRIL 1975
2315 GMT

166 25. 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	4.6	1.0	1015.7	24.3	20.4	130.0	3.6	-2.8	2.3	298.2	337.6	15.1	79.0	0.0	0.
0.6	6.1	137.8	1000.0	23.1	19.9	133.5	5.5	-4.0	3.8	298.3	337.1	14.8	81.8	0.2	311.
1.5	8.5	358.8	975.0	21.5	18.4	158.1	6.8	-2.5	6.3	298.7	335.1	13.8	82.3	0.5	321.
2.4	10.8	584.2	950.0	20.6	14.2	166.9	7.4	-1.7	7.2	299.5	328.4	10.8	66.7	0.8	331.
3.3	13.3	814.8	925.0	20.4	7.2	165.6	8.8	-2.2	8.5	301.1	320.1	6.9	42.3	1.3	336.
4.2	15.7	1050.6	900.0	18.4	7.2	159.3	8.1	-2.9	7.6	301.4	321.1	7.1	48.3	1.8	338.
5.4	18.2	1291.4	875.0	17.0	4.6	144.8	6.0	-3.5	4.9	302.3	319.4	6.1	43.8	2.2	337.
6.3	20.7	1538.0	850.0	14.9	7.0	158.3	5.5	-2.0	5.1	302.8	323.3	7.4	59.1	2.6	336.
7.4	23.2	1790.4	825.0	14.2	1.1	148.0	7.5	-4.0	6.3	304.3	318.8	5.1	41.5	2.9	336.
8.4	25.8	2049.9	800.0	14.2	-11.2	151.6	8.1	-3.8	7.1	306.5	312.7	2.0	16.1	3.4	334.
9.5	28.4	2317.0	775.0	12.7	-8.4	148.1	7.1	-3.7	6.0	307.8	315.7	2.6	22.1	3.9	335.
10.6	31.2	2590.8	750.0	10.5	-6.7	137.6	6.0	-4.0	4.4	308.4	317.6	3.1	29.1	4.4	333.
11.7	34.1	2872.1	725.0	9.1	-15.9	136.9	4.7	-3.2	3.4	309.6	314.3	1.5	15.3	4.7	332.
12.8	36.8	3161.8	700.0	7.7	-21.2	129.6	2.7	-2.1	1.7	311.1	314.4	1.0	10.8	4.9	331.
13.9	39.6	3460.8	675.0	7.3	-22.7	92.6	1.2	-1.2	0.1	313.9	316.9	0.9	9.6	5.1	330.
15.2	42.4	3770.6	650.0	6.2	-20.9	38.9	1.1	-0.7	-0.9	316.1	319.8	1.1	12.5	5.0	330.
16.4	45.5	4090.7	625.0	4.5	-19.5	66.2	2.4	-2.2	-1.0	317.7	322.0	1.3	15.5	5.0	328.
17.7	48.6	4421.7	600.0	2.4	-22.3	57.9	2.3	-1.9	-1.2	319.0	322.5	1.1	14.1	5.1	326.
19.1	51.6	4764.2	575.0	0.7	-25.7	50.4	1.7	-1.3	-1.1	320.9	323.7	0.8	11.8	5.1	324.
20.4	54.9	5119.6	550.0	-1.2	-24.7	71.9	1.3	-1.2	-0.4	322.7	325.9	0.9	14.8	5.0	323.
21.9	58.1	5488.5	525.0	-4.0	-24.7	42.9	3.5	-2.4	-2.5	323.7	327.0	1.0	18.2	5.1	320.
23.3	61.4	5871.6	500.0	-6.9	-28.4	359.0	4.4	0.1	-4.4	324.7	327.2	0.7	16.1	5.0	317.
24.8	65.0	6268.9	475.0	-10.5	-34.8	339.4	3.9	1.4	-3.6	325.0	326.5	0.4	11.5	4.6	315.
26.3	68.3	6683.2	450.0	-13.2	-43.5	352.2	3.2	0.4	-3.2	326.7	327.3	0.2	5.7	4.4	313.
27.9	71.9	7115.9	425.0	-16.2	-45.4	330.8	5.4	2.6	-4.7	328.1	328.7	0.2	6.0	4.0	310.
29.6	75.7	7569.0	400.0	-19.7	-39.5	319.5	5.3	3.4	-4.0	329.3	330.4	0.3	15.3	3.5	307.
31.4	79.7	8044.4	375.0	-23.9	-40.8	309.0	8.0	6.2	-5.0	329.9	330.9	0.3	19.2	2.8	306.
33.2	83.7	8544.2	350.0	-28.0	-45.2	297.6	9.2	8.1	-4.3	330.9	331.6	0.2	17.3	1.8	308.
35.3	87.7	9071.5	325.0	-32.3	-45.8	999.9	99.9	99.9	99.9	332.1	332.8	0.2	24.7	999.9	999.
37.5	92.2	9630.2	300.0	-37.1	-45.6	999.9	99.9	99.9	99.9	333.1	333.9	0.2	40.2	999.9	999.
39.7	96.4	10227.0	275.0	-40.8	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.
42.2	101.2	10867.8	250.0	-46.2	99.9	298.7	11.6	10.1	-5.5	337.3	999.9	99.9	999.9	4.4	117.
44.9	106.4	11559.9	225.0	-51.2	99.9	301.3	17.5	14.9	-9.1	340.1	999.9	99.9	999.9	6.6	119.
47.9	112.0	12317.5	200.0	-56.5	99.9	292.7	22.9	21.1	-8.8	343.3	999.9	99.9	999.9	10.4	117.
50.9	118.0	13153.4	175.0	-62.5	99.9	293.7	30.5	27.9	-12.3	346.8	999.9	99.9	999.9	15.0	116.
54.0	124.7	14088.8	150.0	-69.8	99.9	296.4	38.6	34.6	-17.1	349.8	999.9	99.9	999.9	21.6	116.
58.1	132.0	15159.9	125.0	-69.9	99.9	294.8	28.5	25.8	-11.9	368.4	999.9	99.9	999.9	30.1	116.
63.2	139.7	16488.4	100.0	-71.6	99.9	289.9	12.1	11.3	-4.1	389.4	999.9	99.9	999.9	35.2	116.
69.5	148.0	18182.6	75.0	-70.4	99.9	320.0	5.4	3.5	-4.1	425.4	999.9	99.9	999.9	38.1	115.
78.5	158.0	20623.5	50.0	-62.5	99.9	354.6	3.1	0.3	-3.0	496.2	999.9	99.9	999.9	38.4	116.
93.2	169.0	25037.4	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.1	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

2

STATION NO. 235
JACKSON, MISS

27 APRIL 1975
2315 GMT

160 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	100.0	1002.9	28.9	16.8	200.0	5.2	1.8	4.9	303.5	336.2	12.1	48.0	0.0	0.
0.1	4.8	125.8	1000.0	28.7	17.3	177.9	5.7	-0.2	5.6	303.6	337.4	12.5	50.2	0.1	353.
0.6	6.5	350.8	975.0	26.7	17.5	168.0	6.2	-1.3	6.1	303.8	339.1	13.1	57.1	0.3	348.
1.2	8.6	579.7	950.0	24.2	15.8	176.5	5.7	-0.3	5.7	303.4	335.9	12.0	59.7	0.5	349.
1.8	10.5	812.8	925.0	21.8	14.5	178.1	5.9	-0.2	5.9	303.1	333.7	11.3	63.1	0.7	353.
2.2	12.5	1050.1	900.0	19.7	13.8	175.4	6.4	-0.5	6.4	303.3	333.6	11.2	69.0	0.8	353.
2.8	14.7	1292.2	875.0	17.1	12.6	177.2	7.4	-0.4	7.4	303.0	331.7	10.6	74.6	1.1	354.
3.6	16.7	1539.2	850.0	15.0	9.7	180.3	8.7	0.1	8.7	303.1	327.6	8.9	70.4	1.4	355.
4.4	19.0	1792.2	825.0	15.2	3.7	198.0	9.6	3.0	9.1	305.5	322.7	6.1	46.1	1.9	358.
5.2	21.0	2052.8	800.0	14.3	3.3	202.3	9.9	3.8	9.2	307.2	324.5	6.1	47.7	2.3	3.
6.1	23.4	2320.3	775.0	12.5	-1.0	192.9	7.7	1.7	7.5	307.8	321.2	4.6	39.2	2.8	5.
6.9	25.6	2594.6	750.0	11.1	-6.6	186.9	7.4	0.9	7.3	309.0	318.4	3.2	28.6	3.1	5.
7.9	28.0	2877.2	725.0	11.2	-6.1	183.1	6.7	0.4	6.7	312.2	322.3	3.3	29.0	3.5	6.
8.9	30.5	3170.2	700.0	10.9	-4.8	173.6	6.6	-0.7	6.6	315.0	326.6	3.8	32.9	3.9	5.
9.8	33.1	3472.4	675.0	9.0	-6.0	167.2	6.1	-1.3	5.9	316.1	327.2	3.6	34.1	4.3	4.
10.8	35.6	3783.6	650.0	6.4	-8.3	178.2	4.3	-0.1	4.3	316.5	326.2	3.1	34.0	4.6	2.
11.9	38.3	4103.6	625.0	3.7	-9.4	202.7	3.5	1.4	3.2	317.1	326.4	3.0	37.6	4.8	3.
13.0	40.7	4433.8	600.0	1.5	-9.1	211.8	3.1	1.6	2.6	318.3	328.2	3.2	45.3	5.1	4.
14.1	43.4	4775.3	575.0	-0.5	-13.0	207.2	2.8	1.3	2.5	319.6	327.4	2.5	38.6	5.2	5.
15.2	46.4	5129.4	550.0	-2.8	-13.6	184.4	3.3	0.3	3.3	321.1	328.8	2.4	43.0	5.4	5.
16.4	49.4	5496.5	525.0	-5.6	-15.5	199.5	4.4	1.5	4.2	321.9	328.9	2.2	45.2	5.7	5.
17.8	52.2	5876.9	500.0	-8.7	-18.7	232.4	5.9	4.7	3.6	322.6	328.3	1.7	43.9	6.1	7.
19.0	55.3	6272.4	475.0	-11.7	-24.4	246.6	7.5	6.9	3.0	323.6	327.3	1.1	34.4	6.4	11.
20.4	58.4	6685.3	450.0	-13.6	-30.6	249.2	6.3	5.9	2.2	326.1	328.4	0.7	22.2	6.7	16.
21.7	61.9	7116.9	425.0	-17.2	-32.9	257.3	6.8	6.7	1.5	326.9	328.9	0.6	24.0	7.0	19.
23.3	65.4	7568.7	400.0	-20.6	-36.2	259.9	9.3	9.1	1.6	328.2	329.7	0.4	23.1	7.4	24.
24.9	68.9	8042.8	375.0	-24.2	-38.7	262.2	11.0	10.9	1.5	329.5	330.8	0.3	24.4	8.0	30.
26.7	72.5	8542.1	350.0	-28.2	-37.4	266.6	11.5	11.4	0.7	330.7	332.3	0.4	40.5	8.7	36.
28.5	76.6	9069.3	325.0	-32.5	-40.8	271.5	12.2	12.2	-0.3	331.8	333.0	0.3	43.1	9.5	43.
30.3	80.7	9628.5	300.0	-36.7	-43.9	271.5	14.1	14.1	-0.4	333.5	334.5	0.3	47.0	10.5	49.
32.6	85.0	10225.5	275.0	-41.0	99.9	275.1	15.2	15.1	-1.3	335.9	999.9	99.9	999.9	12.2	56.
35.0	89.7	10866.1	250.0	-46.3	99.9	272.3	13.3	13.3	-0.5	337.3	999.9	99.9	999.9	13.8	61.
37.5	94.8	11558.0	225.0	-51.6	99.9	283.4	17.2	16.8	-4.0	339.5	999.9	99.9	999.9	15.5	65.
40.1	100.0	12314.9	200.0	-56.1	99.9	286.6	30.3	29.0	-8.6	343.9	999.9	99.9	999.9	18.6	73.
43.3	106.3	13149.8	175.0	-63.4	99.9	284.8	32.3	31.2	-8.3	345.3	999.9	99.9	999.9	24.1	81.
46.6	112.8	14078.0	150.0	-71.1	99.9	284.7	33.5	32.4	-8.5	347.6	999.9	99.9	999.9	29.9	86.
50.7	120.7	15159.3	125.0	-67.6	99.9	282.8	25.4	24.8	-5.6	372.6	999.9	99.9	999.9	37.5	89.
55.6	130.0	16500.1	100.0	-70.0	99.9	285.8	10.7	10.3	-2.9	392.5	999.9	99.9	999.9	42.2	90.
62.0	141.0	18217.3	75.0	-69.8	99.9	323.8	3.3	1.9	-2.7	426.6	999.9	99.9	999.9	45.2	91.
70.7	154.0	20681.7	50.0	-61.1	99.9	98.9	4.2	-4.1	0.6	499.5	999.9	99.9	999.9	44.5	93.
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

27 APRIL 1975
2315 GMT

151 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
0.0	3.6	5.0	1012.7	25.6	21.3	150.0	7.2	-3.6	6.2	299.8	341.8	16.0	77.0	0.0	0.
0.4	4.6	116.3	1000.0	24.4	20.7	151.2	10.7	-5.1	9.4	299.6	340.6	15.6	80.0	0.4	331.
1.2	6.2	338.0	975.0	21.7	19.7	152.4	9.8	-4.5	8.7	299.0	338.5	15.1	88.9	1.7	331.
1.9	8.1	563.5	950.0	19.8	18.6	157.9	9.5	-3.6	8.8	299.2	337.0	14.4	92.9	1.2	332.
2.7	10.0	793.4	925.0	18.4	16.0	172.0	10.5	-1.5	10.4	299.7	332.9	12.5	85.9	1.6	336.
3.6	11.7	1029.3	900.0	18.6	10.9	189.4	8.8	1.4	8.7	301.9	326.9	9.1	60.6	2.1	342.
4.6	13.7	1270.6	875.0	17.0	8.1	190.7	8.9	1.6	8.7	302.5	323.9	7.8	55.9	2.5	348.
5.5	15.6	1517.3	850.0	15.3	2.5	175.4	9.8	-0.8	9.8	302.9	318.3	5.5	42.6	3.0	350.
6.3	17.5	1769.6	825.0	14.0	1.9	178.6	10.1	-0.3	10.1	304.1	319.6	5.5	45.4	3.6	351.
7.3	19.6	2028.4	800.0	12.6	-2.7	188.8	10.2	1.6	10.1	305.1	316.4	3.9	34.4	4.1	353.
8.3	21.5	2294.4	775.0	11.6	-3.7	190.1	11.6	2.0	11.4	306.8	317.8	3.8	34.2	4.8	355.
9.4	23.7	2567.6	750.0	9.8	-6.4	187.3	12.0	1.5	11.9	307.6	317.0	3.2	31.3	5.5	357.
10.4	25.8	2848.6	725.0	9.2	-13.9	181.6	11.5	0.3	11.5	309.8	315.4	1.8	18.2	6.2	358.
11.5	28.0	3139.1	700.0	10.4	-24.7	170.5	13.1	-2.2	12.9	314.1	316.5	0.7	6.5	7.0	358.
12.6	30.5	3441.3	675.0	9.2	-16.1	166.1	14.2	-3.4	13.8	316.2	321.3	1.6	15.0	7.9	357.
13.6	32.8	3752.6	650.0	7.2	-14.5	161.5	13.6	-4.3	12.9	317.3	323.4	1.9	19.6	8.8	355.
14.7	35.2	4073.7	625.0	4.6	-11.1	166.5	13.0	-3.0	12.6	318.0	326.2	2.6	30.9	9.7	354.
15.9	37.6	4404.8	600.0	2.4	-16.9	180.4	12.6	0.1	12.6	319.1	324.6	1.7	22.4	10.5	354.
17.1	40.1	4747.4	575.0	0.6	-21.9	199.0	11.3	3.7	10.7	320.8	324.6	1.2	16.8	11.4	355.
18.4	42.6	5102.5	550.0	-1.9	-26.8	237.0	6.7	5.6	3.6	321.9	324.6	0.8	12.9	11.9	357.
19.8	45.3	5470.2	525.0	-5.0	-23.8	246.7	7.4	6.8	2.9	322.5	326.0	1.1	21.3	12.1	360.
21.0	48.1	5851.3	500.0	-8.2	-23.5	246.6	9.7	8.9	3.8	323.1	326.9	1.1	27.8	12.3	2.
22.4	51.0	6247.0	475.0	-11.6	-26.8	245.7	10.5	9.5	4.3	323.7	326.7	0.9	26.9	12.7	6.
23.8	54.0	6659.3	450.0	-14.3	-31.1	238.6	11.1	9.5	5.8	325.3	327.5	0.6	22.2	13.3	9.
25.3	56.9	7090.1	425.0	-17.5	-36.0	237.9	12.0	10.2	6.4	326.6	328.0	0.4	18.0	14.0	12.
27.0	60.3	7541.6	400.0	-20.4	-36.7	244.0	14.0	12.6	6.1	328.4	329.9	0.4	21.7	14.9	16.
28.8	63.7	8015.5	375.0	-24.6	-36.2	241.9	15.1	13.3	7.1	329.0	330.7	0.5	32.9	16.0	20.
30.7	67.1	8512.6	350.0	-29.6	-40.9	240.6	14.7	12.8	7.2	328.8	329.9	0.3	32.1	17.2	24.
32.4	70.8	9036.4	325.0	-33.9	-38.3	232.3	17.5	13.9	10.7	329.9	331.4	0.4	64.6	18.7	27.
34.5	74.7	9593.1	300.0	-38.0	-41.4	238.6	16.7	16.0	9.7	331.7	332.9	0.3	70.3	20.7	30.
36.7	79.0	10187.3	275.0	-41.9	99.9	238.3	19.1	16.2	10.0	334.5	999.9	99.9	999.9	22.9	33.
39.2	83.4	10827.4	250.0	-45.9	99.9	242.9	22.9	20.4	10.4	337.8	999.9	99.9	999.9	25.9	36.
41.9	88.0	11519.9	225.0	-50.7	99.9	255.1	23.9	23.1	6.2	340.9	999.9	99.9	999.9	29.1	40.
44.8	93.5	12278.2	200.0	-56.3	99.9	267.5	31.2	31.2	1.4	343.6	999.9	99.9	999.9	33.0	46.
48.0	99.2	13114.4	175.0	-62.7	99.9	272.3	36.6	36.6	-1.4	346.4	999.9	99.9	999.9	37.4	53.
51.7	105.5	14046.5	150.0	-69.5	99.9	276.8	39.1	38.8	-4.6	349.8	999.9	99.9	999.9	43.9	60.
56.0	112.7	15127.4	125.0	-69.3	99.9	264.0	26.4	26.3	2.7	369.6	999.9	99.9	999.9	50.8	64.
61.5	121.0	16447.9	100.0	-71.5	99.9	259.0	13.8	13.6	2.6	389.5	999.9	99.9	999.9	56.7	66.
68.4	130.5	18144.1	75.0	-71.1	99.9	246.6	7.7	7.1	3.1	423.9	999.9	99.9	999.9	61.1	67.
78.4	140.7	20597.4	50.0	-60.2	99.9	47.8	1.4	-1.0	-0.9	501.8	999.9	99.9	999.9	60.5	65.
94.5	151.0	25012.1	25.0	-53.0	99.9	39.1	1.0	-0.6	-0.8	632.4	999.9	99.9	999.9	58.9	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

104

STATION NO. 248
SHREVEPORT, LA

27 APRIL 1975
2315 GMT

166 12. 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	4.8	79.0	1002.0	27.8	18.5	170.0	6.2	-1.1	6.1	302.6	338.9	13.5	57.0	0.0	0.
0.1	5.0	96.8	1000.0	27.9	19.4	175.5	13.0	-1.0	13.0	303.0	341.5	14.4	60.1	0.4	350.
1.1	6.8	321.5	975.0	26.4	18.4	174.6	12.0	-1.1	12.0	303.6	340.8	13.8	61.3	0.8	353.
2.0	8.8	550.4	950.0	24.0	16.8	173.4	13.6	-1.6	13.5	303.3	337.9	12.8	64.1	1.5	353.
3.1	10.8	783.7	925.0	22.0	16.3	170.2	13.7	-2.3	13.5	303.6	338.1	12.8	70.1	2.4	353.
4.0	12.9	1021.5	900.0	20.1	15.8	170.8	14.0	-2.2	13.8	303.9	338.1	12.7	76.2	3.1	352.
4.9	15.1	1264.4	875.0	18.0	13.5	173.6	15.7	-1.8	15.6	304.0	334.7	11.2	75.0	4.0	352.
6.0	17.2	1512.6	850.0	16.5	11.5	185.5	14.4	1.4	14.3	304.8	332.6	10.1	72.6	4.9	353.
7.1	19.5	1766.6	825.0	15.2	6.7	192.7	16.1	3.5	15.7	305.7	326.7	7.5	56.5	5.9	356.
8.2	21.5	2027.3	800.0	14.4	3.3	202.1	16.3	6.1	15.1	307.4	324.8	6.1	47.3	6.9	359.
9.3	23.9	2294.9	775.0	13.1	0.7	209.3	14.2	7.0	12.4	308.6	323.7	5.2	42.7	7.8	3.
10.3	26.1	2570.0	750.0	12.6	-9.3	212.9	13.4	7.3	11.3	310.6	318.3	2.5	20.8	8.6	5.
11.7	28.6	2854.7	725.0	12.7	-11.1	212.2	12.9	6.9	11.0	313.7	320.7	2.3	17.8	9.5	8.
12.9	31.2	3148.2	700.0	11.3	-11.9	203.3	14.5	5.7	13.3	315.3	322.2	2.2	18.3	10.4	10.
14.1	33.8	3450.6	675.0	9.6	-12.0	193.9	16.0	3.8	15.5	316.7	323.8	2.3	20.3	11.6	11.
15.4	36.1	3762.3	650.0	7.4	-13.5	199.0	15.0	4.9	14.2	317.6	324.2	2.1	20.9	12.7	11.
16.7	38.9	4083.6	625.0	5.0	-12.9	198.5	14.8	4.7	14.0	318.5	325.6	2.3	25.9	13.9	12.
18.0	41.4	4415.2	600.0	2.3	-11.0	194.1	15.7	3.8	15.2	319.1	327.8	2.8	37.1	15.1	12.
19.4	44.3	4757.3	575.0	-0.9	-9.0	199.5	15.9	5.3	15.0	319.3	329.7	3.4	54.1	16.4	13.
20.8	47.3	5110.5	550.0	-3.6	-10.5	200.9	17.1	6.1	16.0	320.2	330.0	3.1	58.6	17.7	13.
22.4	50.3	5476.6	525.0	-6.7	-15.0	209.0	17.9	8.7	15.7	320.6	328.0	2.3	52.1	19.3	14.
23.9	53.3	5856.0	500.0	-9.1	-17.9	214.5	16.3	9.2	13.5	322.1	328.1	1.9	48.7	21.0	16.
25.4	56.3	6250.7	475.0	-12.2	-17.9	212.5	14.6	7.8	12.3	323.1	329.5	2.0	62.4	22.2	17.
27.1	59.6	6662.2	450.0	-14.3	-28.6	221.0	20.1	13.2	15.1	325.3	328.1	0.8	28.8	23.9	18.
28.9	63.1	7093.5	425.0	-17.3	-33.2	227.6	19.7	14.5	13.3	326.8	328.7	0.5	23.4	25.8	20.
30.6	66.6	7545.8	400.0	-19.8	-37.9	225.2	21.2	15.0	14.9	329.2	330.5	0.4	18.2	27.7	22.
32.3	70.3	8021.1	375.0	-23.7	-39.5	227.5	20.8	15.3	14.0	330.2	331.4	0.3	21.6	29.8	24.
34.3	74.0	8520.4	350.0	-27.9	-42.4	225.0	23.0	16.3	16.3	331.1	332.1	0.3	23.3	32.2	26.
36.7	78.3	9048.2	325.0	-32.1	-47.3	240.2	22.6	19.6	11.2	332.3	332.9	0.2	20.3	34.8	28.
39.1	82.5	9609.2	300.0	-36.2	-49.8	242.5	25.9	23.0	11.9	334.3	334.8	0.1	22.7	38.0	31.
41.4	87.0	10206.7	275.0	-40.6	99.9	248.3	22.2	20.7	8.2	336.5	999.9	99.9	999.9	40.6	34.
43.7	92.0	10649.2	250.0	-45.9	99.9	246.2	24.3	22.2	9.8	337.8	999.9	99.9	999.9	43.5	36.
46.1	97.0	11541.7	225.0	-51.8	99.9	250.7	22.0	20.7	7.3	339.1	999.9	99.9	999.9	46.5	38.
49.5	102.8	12295.8	200.0	-57.0	99.9	250.7	33.0	31.2	10.9	342.5	999.9	99.9	999.9	51.5	42.
53.1	109.3	13128.5	175.0	-63.9	99.9	253.8	37.8	36.3	10.6	344.5	999.9	99.9	999.9	58.1	46.
56.8	115.8	14057.4	150.0	-69.5	99.9	259.3	38.8	38.1	7.2	350.3	999.9	99.9	999.9	64.9	49.
61.4	124.0	15141.5	125.0	-69.8	99.9	254.8	20.6	19.8	5.4	368.7	999.9	99.9	999.9	71.3	53.
66.9	133.0	16473.5	100.0	-71.3	99.9	217.0	13.3	8.0	10.6	389.9	999.9	99.9	999.9	77.4	53.
74.1	142.3	18194.0	75.0	-66.2	99.9	216.8	9.9	5.9	7.9	434.3	999.9	99.9	999.9	81.2	52.
83.8	152.5	20666.5	50.0	-62.6	99.9	41.6	10.1	-6.7	-7.6	495.9	999.9	99.9	999.9	85.7	52.
99.7	163.5	25070.9	25.0	-51.5	99.9	273.3	2.1	2.1	-0.1	636.9	999.9	99.9	999.9	78.2	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. 250
BROWNSVILLE, TEX

27 APRIL 1975
2315 GMT

161 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	7.0	1005.7	28.3	22.8	150.0	11.8	-5.9	10.2	303.4	350.3	17.6	72.0	0.0	0.
0.1	4.8	57.7	1000.0	27.7	22.7	149.0	14.7	-7.6	12.6	303.2	350.1	17.6	74.3	0.3	341.
0.9	6.6	281.7	975.0	24.2	22.6	149.7	15.4	-7.8	13.3	301.9	349.5	18.0	91.0	0.9	330.
1.9	8.7	509.6	950.0	22.0	21.2	154.4	15.1	-6.5	13.6	301.8	346.7	16.9	94.7	1.7	331.
2.8	10.7	742.8	925.0	23.8	17.4	999.9	99.9	99.9	99.9	305.6	342.8	13.7	67.8	999.9	999.
3.6	12.8	983.2	900.0	24.4	14.6	999.9	99.9	99.9	99.9	308.3	340.8	11.8	54.4	999.9	999.
4.5	15.1	1229.8	875.0	23.2	12.8	999.9	99.9	99.9	99.9	309.4	339.4	10.7	52.0	999.9	999.
5.5	17.2	1482.6	850.0	22.2	12.5	999.9	99.9	99.9	99.9	310.7	337.3	9.4	47.4	999.9	999.
6.3	19.5	1741.7	825.0	20.9	8.3	176.8	15.3	-0.8	15.3	311.8	335.8	8.4	44.5	5.7	341.
7.2	21.7	2007.0	800.0	18.8	4.0	186.5	11.6	1.3	11.5	312.1	330.7	6.4	37.6	6.4	343.
8.1	24.2	2278.6	775.0	17.7	-5.2	194.2	8.3	2.0	8.1	313.2	323.4	3.4	20.6	6.9	346.
9.0	26.4	2558.3	750.0	17.2	-17.4	202.7	5.2	2.0	4.8	315.5	319.7	1.3	8.0	7.2	347.
10.0	29.0	2846.4	725.0	16.3	-15.3	210.2	3.7	1.8	3.2	317.6	322.7	1.6	10.0	7.4	348.
10.9	31.6	3143.4	700.0	13.8	-8.6	201.3	2.4	0.9	2.3	318.1	327.1	2.9	20.3	7.5	349.
12.0	34.2	3448.1	675.0	12.1	-15.3	214.6	1.6	0.9	1.3	319.4	325.0	1.8	13.6	7.6	349.
13.0	36.8	3763.0	650.0	9.8	-1.7	254.4	3.1	3.0	0.8	320.8	336.7	5.3	44.9	7.7	350.
14.2	39.6	4087.3	625.0	6.8	-4.1	253.9	4.2	4.0	1.2	320.8	334.7	4.5	45.6	7.7	353.
15.3	42.2	4420.9	600.0	4.1	-28.9	238.1	5.5	4.6	2.9	320.9	322.9	0.6	6.8	7.8	355.
16.5	45.1	4764.8	575.0	1.1	-33.5	223.6	7.8	5.4	5.7	321.3	322.6	0.4	5.4	8.0	358.
17.8	48.3	5119.8	550.0	-2.0	-34.4	208.3	10.8	5.1	9.5	321.7	323.0	0.4	6.2	8.6	0.
19.0	51.1	5487.5	525.0	-4.4	-38.4	203.3	12.5	4.9	11.5	323.1	324.1	0.3	4.9	9.4	3.
20.3	54.1	5869.6	500.0	-7.2	-39.9	209.5	12.1	5.9	10.5	324.2	325.0	0.2	5.3	10.3	5.
21.6	57.3	6267.3	475.0	-9.9	-41.3	217.5	10.9	6.7	8.7	325.7	326.4	0.2	5.6	11.1	7.
23.0	60.7	6681.3	450.0	-13.5	-43.3	220.2	11.0	7.1	8.4	326.3	326.9	0.2	6.0	11.9	9.
24.4	64.3	7113.7	425.0	-16.5	-44.5	221.8	14.7	9.8	10.9	327.8	328.4	0.2	6.8	12.8	12.
25.9	67.7	7566.7	400.0	-19.8	-30.5	226.4	15.2	11.0	10.5	329.2	331.9	0.7	37.9	14.0	15.
27.4	71.3	8042.5	375.0	-23.0	-28.8	221.4	15.4	10.2	11.6	331.1	334.4	0.9	59.5	15.2	17.
29.1	75.3	8543.9	350.0	-26.9	-34.1	222.6	15.0	10.2	11.1	332.4	334.6	0.6	50.5	16.6	20.
30.8	79.5	9074.1	325.0	-30.9	-35.4	221.3	17.9	11.8	13.4	334.1	336.2	0.6	65.2	18.1	21.
32.7	83.8	9637.5	300.0	-34.4	-50.0	226.7	21.6	15.7	14.8	336.8	337.3	0.1	18.6	20.3	24.
34.8	88.2	10240.9	275.0	-38.9	-50.2	235.1	22.7	18.6	13.0	338.7	339.2	0.1	29.3	22.8	27.
36.8	93.0	10889.1	250.0	-42.6	99.9	251.7	26.7	25.4	8.4	342.8	999.9	99.9	999.9	25.2	31.
39.1	98.2	11591.4	225.0	-48.4	99.9	259.6	28.8	28.4	5.2	344.4	999.9	99.9	999.9	28.0	37.
41.6	103.8	12356.0	200.0	-54.9	99.9	269.2	29.6	29.6	0.4	345.8	999.9	99.9	999.9	31.1	42.
44.1	109.8	13197.3	175.0	-61.5	99.9	273.9	35.5	35.4	-2.4	348.4	999.9	99.9	999.9	34.5	49.
47.1	116.3	14134.4	150.0	-69.9	99.9	274.9	37.8	37.6	-3.2	349.7	999.9	99.9	999.9	39.3	56.
50.8	124.0	15206.4	125.0	-71.4	99.9	254.9	23.2	22.4	6.1	365.7	999.9	99.9	999.9	45.1	60.
55.3	132.3	16518.2	100.0	-74.1	99.9	246.6	13.9	12.8	5.5	384.6	999.9	99.9	999.9	50.7	61.
61.1	141.0	18199.9	75.0	-73.3	99.9	213.9	13.7	7.6	11.4	419.3	999.9	99.9	999.9	54.7	60.
69.3	150.0	20644.8	50.0	-62.8	99.9	72.9	6.1	-5.8	-1.8	495.6	999.9	99.9	999.9	55.2	60.
82.8	160.0	25059.6	25.0	-49.9	99.9	25.1	2.8	-1.2	-2.5	641.2	999.9	99.9	999.9	53.4	59.

* 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

10

STATION NO. 255
VICTORIA, TEX

27 APRIL 1975
2315 GMT

166 21. 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	33.0	1004.7	26.8	21.8	150.0	7.7	-3.9	6.7	301.8	345.8	16.6	74.0	0.0	0.
0.2	4.9	74.5	1000.0	25.8	21.6	999.9	99.9	99.9	99.9	301.2	344.8	16.5	77.8	999.9	999.
0.9	6.9	297.7	975.0	23.6	21.5	999.9	99.9	99.9	99.9	301.1	345.6	16.9	88.4	999.9	999.
1.6	9.2	524.9	950.0	21.6	20.3	999.9	99.9	99.9	99.9	301.2	343.6	16.0	92.5	999.9	999.
2.3	11.3	757.0	925.0	20.7	19.2	164.2	11.2	-3.0	10.8	302.5	343.5	15.4	91.2	1.4	337.
3.1	13.6	993.9	900.0	18.4	17.7	166.8	12.5	-2.8	12.1	302.4	340.7	14.3	95.3	2.0	339.
4.0	15.8	1235.2	875.0	15.6	4.5	170.2	13.5	-2.3	13.3	300.9	318.3	6.3	48.4	2.7	342.
4.9	18.2	1480.8	850.0	15.0	-0.4	169.8	13.7	-2.4	13.5	302.4	314.9	4.4	34.8	3.4	343.
5.7	20.6	1734.7	825.0	16.8	-1.4	179.6	13.5	-0.1	13.5	306.9	319.2	4.2	29.0	4.1	345.
6.5	23.0	1995.9	800.0	15.9	-15.1	189.7	14.0	2.4	13.8	308.3	312.9	1.5	10.4	4.7	348.
7.4	25.4	2264.4	775.0	14.5	-11.3	206.4	13.4	6.0	12.0	309.7	317.2	2.5	19.0	5.3	352.
8.3	27.9	2540.4	750.0	14.1	-38.4	204.5	13.7	5.7	12.5	311.9	312.9	0.3	2.4	5.9	357.
9.2	30.6	2825.4	725.0	13.4	-41.7	201.3	12.3	4.5	11.5	314.2	314.6	0.1	1.0	6.6	359.
10.2	33.2	3119.0	700.0	11.3	-43.0	200.5	11.0	3.9	10.3	315.0	315.4	0.1	1.0	7.2	1.
11.3	35.8	3421.4	675.0	10.0	-43.8	199.2	10.7	3.5	10.1	316.9	317.3	0.1	1.0	7.9	3.
12.5	38.6	3733.3	650.0	7.8	-45.1	199.3	12.8	4.2	12.0	317.8	318.2	0.1	1.0	8.7	4.
13.5	41.1	4054.7	625.0	5.7	-46.4	205.3	13.1	5.6	11.9	319.0	319.3	0.1	1.0	9.5	6.
14.6	44.1	4386.5	600.0	3.1	-48.0	212.3	13.3	7.1	11.3	319.7	320.0	0.1	1.0	10.3	8.
15.7	47.1	4729.4	575.0	0.7	-47.7	219.5	13.0	8.3	10.1	320.8	321.1	0.1	1.5	11.1	10.
16.8	50.2	5084.0	550.0	-2.6	-21.6	226.4	12.3	8.9	8.5	321.2	325.3	1.2	21.6	11.8	12.
18.0	53.3	5450.7	525.0	-5.9	-15.8	222.5	12.9	8.7	9.5	321.6	328.4	2.1	45.5	12.5	14.
19.2	56.3	5830.8	500.0	-9.1	-20.7	215.7	12.0	7.0	9.8	322.0	326.9	1.5	38.6	13.3	16.
20.5	59.7	6224.8	475.0	-12.6	-57.9	215.2	16.2	9.4	13.3	322.3	322.4	0.0	1.0	14.4	17.
22.0	63.3	6635.0	450.0	-15.6	-59.8	215.4	19.0	11.0	15.5	323.6	323.7	0.0	1.0	15.8	19.
23.3	66.6	7064.4	425.0	-18.0	-61.4	219.1	20.2	12.8	15.7	325.8	325.9	0.0	1.0	17.4	21.
25.1	70.4	7514.1	400.0	-21.9	-53.9	221.1	22.1	14.5	16.7	326.5	326.9	0.1	4.9	19.4	23.
26.7	74.0	7985.5	375.0	-25.2	-66.0	222.2	21.3	14.3	15.8	328.2	328.2	0.0	1.0	21.4	25.
28.4	78.2	8483.3	350.0	-28.5	-68.2	229.1	22.6	17.1	14.8	330.3	330.3	0.0	1.0	23.6	27.
30.3	82.2	9010.9	325.0	-32.0	-70.5	229.1	22.9	17.3	15.0	332.4	332.5	0.0	1.0	26.0	29.
32.3	86.4	9570.2	300.0	-36.8	-73.7	233.3	24.4	19.6	14.5	333.4	333.4	0.0	1.0	28.7	31.
34.5	91.2	10166.5	275.0	-41.2	99.9	241.6	26.9	23.6	12.8	335.5	999.9	99.9	999.9	31.6	34.
36.8	96.0	10806.1	250.0	-46.6	99.9	243.6	30.7	27.5	13.6	336.9	999.9	99.9	999.9	35.2	37.
39.3	101.2	11501.9	225.0	-49.9	99.9	251.8	33.9	32.3	10.6	342.1	999.9	99.9	999.9	39.5	40.
41.9	107.0	12263.0	200.0	-55.6	99.9	263.5	36.4	36.2	4.1	344.8	999.9	99.9	999.9	44.3	45.
44.7	113.0	13100.1	175.0	-62.0	99.9	265.3	48.3	48.1	3.9	347.6	999.9	99.9	999.9	49.6	50.
48.2	119.8	14036.6	150.0	-69.6	99.9	261.2	46.5	46.0	7.1	350.2	999.9	99.9	999.9	57.9	56.
52.3	127.3	15121.5	125.0	-68.4	99.9	258.5	24.7	24.2	4.9	371.2	999.9	99.9	999.9	65.9	59.
57.4	136.0	16448.6	100.0	-72.1	99.9	221.1	11.4	7.5	8.6	388.4	999.9	99.9	999.9	72.0	59.
63.9	145.0	18137.8	75.0	-70.0	99.9	241.7	8.8	7.7	4.2	426.1	999.9	99.9	999.9	76.9	59.
72.6	155.5	20591.5	50.0	-60.2	99.9	19.4	1.0	-0.3	-0.9	501.7	999.9	99.9	999.9	78.4	58.
86.8	167.0	25003.3	25.0	-51.9	99.9	30.1	6.7	-3.4	-5.8	635.4	999.9	99.9	999.9	77.3	59.

* 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

09

STATION NO. 260
STEPHENVILLE, TEX

27 APRIL 1975
2315 GMT

180 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	10.0	399.0	960.0	25.0	18.4	180.0	10.3	0.0	10.3	303.6	341.4	14.1	67.0	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	10.7	491.4	950.0	25.0	17.7	181.2	16.0	0.3	16.0	304.4	341.1	13.6	63.8	0.5	358.
0.8	12.9	725.8	925.0	24.1	17.3	181.0	17.7	0.3	17.7	305.8	342.9	13.6	65.8	0.9	359.
1.6	15.3	965.3	900.0	21.6	16.7	181.8	17.7	0.6	17.7	305.6	342.3	13.5	73.7	1.7	360.
2.5	17.5	1209.5	875.0	19.3	16.4	189.7	19.1	3.2	18.8	305.7	342.6	13.6	83.7	2.7	2.
3.4	20.0	1458.6	850.0	16.9	15.8	194.8	22.0	5.6	21.3	305.7	342.2	13.4	93.0	3.9	5.
4.3	22.2	1713.7	825.0	15.9	14.4	206.6	21.4	9.6	19.1	307.1	341.8	12.7	91.3	5.0	8.
5.3	24.8	1976.3	800.0	17.0	8.4	228.0	17.4	12.9	11.6	310.4	335.2	8.8	57.4	6.1	14.
6.4	27.1	2247.0	775.0	16.9	-8.3	229.4	13.2	10.0	8.6	312.4	320.5	2.7	17.1	6.9	19.
7.3	29.8	2525.5	750.0	15.8	-16.7	217.6	12.2	7.5	9.7	313.9	318.3	1.4	9.2	7.5	21.
8.1	32.4	2812.0	725.0	14.2	-21.7	215.3	12.6	7.3	10.3	315.1	318.2	0.9	6.7	8.1	22.
9.0	35.1	3106.4	700.0	12.0	-18.8	215.4	13.9	8.1	11.4	315.9	319.9	1.2	9.9	8.8	23.
10.0	37.7	3409.3	675.0	9.5	-17.1	210.0	14.6	7.3	12.7	316.5	321.2	1.5	13.4	9.6	24.
11.0	40.5	3720.7	650.0	6.9	-13.9	209.1	13.9	6.8	12.2	317.0	323.3	2.0	21.0	10.5	24.
12.3	43.2	4040.7	625.0	3.6	-24.0	215.5	14.9	8.7	12.1	316.7	319.6	0.9	11.1	11.6	25.
13.3	46.1	4370.3	600.0	1.2	-25.6	219.1	19.1	12.0	14.8	317.6	320.2	0.8	11.3	12.5	26.
14.5	49.1	4711.2	575.0	-0.7	-26.1	224.0	22.4	15.6	16.1	319.2	321.8	0.8	12.5	14.0	27.
15.6	52.0	5064.3	550.0	-3.0	-32.0	225.4	25.6	18.2	18.0	320.6	322.2	0.5	8.4	15.5	29.
16.8	55.2	5431.1	525.0	-5.5	-12.1	217.6	28.7	17.5	22.7	322.1	331.2	2.9	59.7	17.4	31.
17.8	58.1	5811.9	500.0	-8.5	-10.0	211.8	29.7	15.6	25.3	323.1	334.3	3.6	89.0	19.2	31.
18.9	61.5	6207.8	475.0	-11.8	-16.6	210.7	32.2	16.4	27.7	323.6	330.6	2.2	67.2	21.3	31.
20.2	64.9	6618.9	450.0	-15.4	-23.2	209.2	29.8	14.6	26.0	324.0	328.4	1.3	51.1	23.7	31.
21.7	68.1	7047.7	425.0	-18.6	-41.9	210.6	30.6	15.6	26.3	325.0	325.8	0.2	10.8	26.5	31.
23.3	71.6	7496.7	400.0	-22.0	-39.6	214.1	33.5	18.7	27.7	326.4	327.6	0.3	21.1	29.5	31.
25.1	75.4	7968.7	375.0	-25.4	-41.9	216.9	32.7	19.6	26.2	328.0	328.9	0.3	19.6	33.2	31.
26.8	79.3	8465.4	350.0	-29.0	-35.3	221.0	37.3	24.5	28.2	329.7	331.6	0.5	53.7	36.6	32.
28.4	83.2	8991.5	325.0	-32.6	-38.3	227.3	33.8	24.8	23.0	331.7	333.3	0.4	56.3	39.8	33.
30.2	87.3	9550.6	300.0	-37.0	-41.7	226.1	39.1	28.1	27.1	333.2	334.4	0.3	61.2	43.7	34.
32.4	91.8	10146.5	275.0	-41.7	99.9	225.3	42.0	29.9	29.6	334.8	999.9	99.9	999.9	48.5	36.
35.0	96.4	10787.9	250.0	-45.1	99.9	236.3	44.0	36.6	24.4	339.1	999.9	99.9	999.9	54.4	37.
37.6	101.2	11483.1	225.0	-50.9	99.9	244.4	32.1*	29.0	13.9	340.6	999.9	99.9	999.9	59.9	40.
40.1	106.8	12239.4	200.0	-56.3	99.9	235.1	49.7*	40.8	28.5	343.6	999.9	99.9	999.9	67.1	41.
43.1	112.5	13074.7	175.0	-62.3	99.9	242.6	44.3*	39.4	20.4	347.1	999.9	99.9	999.9	73.3	43.
46.1	118.8	14026.9	150.0	-63.3	99.9	240.4	32.4*	28.2	16.0	361.0	999.9	99.9	999.9	79.9	45.
49.9	126.0	15134.2	125.0	-68.3	99.9	229.9	32.2*	24.7	20.8	371.3	999.9	99.9	999.9	86.9	46.
55.5	134.3	16475.5	100.0	-65.7	99.9	226.5	16.6*	12.0	11.4	400.8	999.9	99.9	999.9	95.5	46.
61.1	142.7	18206.1	75.0	-68.6	99.9	211.8	15.8*	8.3	13.4	429.2	999.9	99.9	999.9	100.3	46.
69.8	152.5	20709.5	50.0	-60.9	99.9	257.4	1.9	1.8	0.4	500.0	999.9	99.9	999.9	102.0	46.
83.3	163.5	25109.7	25.0	-54.6	99.9	211.0	6.5	3.4	5.6	627.9	999.9	99.9	999.9	100.4	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

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STATION NO. 261
DEL RIO, TEX

27 APRIL 1975
2315 GMT

161 28. 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	9.4	314.0	968.2	30.5	19.2	150.0	5.2	-2.6	4.5	308.5	348.7	14.7	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.
0.6	11.0	483.4	950.0	28.1	18.4	119.4	6.8	-6.0	3.4	307.6	346.5	14.2	55.9	0.3	298.
1.5	13.6	719.8	925.0	25.8	17.4	121.7	7.0	-6.0	3.7	307.6	345.1	13.7	59.8	0.7	300.
2.4	15.9	960.7	900.0	23.6	16.7	126.2	7.9	-6.4	4.7	307.7	344.4	13.4	65.0	1.1	301.
3.2	18.5	1206.6	875.0	21.3	16.4	133.6	7.8	-5.7	5.4	307.8	344.9	13.6	73.6	1.5	303.
4.3	20.9	1457.6	850.0	20.4	10.0	131.5	6.0	-4.5	4.0	308.8	334.5	9.2	51.4	1.9	306.
5.1	23.6	1715.1	825.0	19.0	8.8	157.4	3.4	-1.3	3.2	309.9	334.3	8.7	51.5	2.2	307.
6.0	26.1	1979.0	800.0	17.7	8.4	228.7	5.0	3.8	3.3	311.2	336.0	8.7	54.6	2.2	311.
7.1	28.9	2250.8	775.0	17.1	4.6	248.5	6.6	6.2	2.4	313.2	333.2	6.9	43.5	2.1	322.
8.1	31.7	2529.7	750.0	14.8	3.1	249.5	5.6	5.3	2.0	313.5	332.1	6.4	45.3	2.0	331.
9.1	34.6	2815.3	725.0	11.9	1.9	245.4	5.5	5.0	2.3	313.3	331.1	6.1	50.3	2.0	341.
10.3	37.3	3107.9	700.0	9.2	0.2	243.3	6.3	5.6	2.8	313.4	329.8	5.6	53.5	2.1	351.
11.6	40.2	3408.2	675.0	6.8	-3.7	249.0	9.0	8.4	3.2	313.8	326.7	4.3	47.1	2.3	5.
13.0	43.0	3717.5	650.0	4.8	-7.0	244.0	11.0	9.9	4.8	314.8	325.4	3.5	42.2	2.8	22.
14.5	46.1	4036.4	625.0	3.1	-11.6	236.2	14.2	11.8	7.9	316.2	324.1	2.5	33.0	3.8	32.
15.9	49.3	4366.4	600.0	1.7	-13.5	238.7	19.4	16.6	10.1	318.3	325.4	2.2	31.3	5.0	38.
16.9	52.3	4707.8	575.0	-1.0	-14.8	237.1	22.7	19.0	12.3	319.0	325.7	2.1	34.3	6.3	43.
18.2	55.4	5061.0	550.0	-3.2	-15.5	231.3	24.5	19.1	15.3	320.5	327.2	2.1	38.0	11.5	38.
19.4	58.7	5427.4	525.0	-6.0	-16.1	226.8	24.5	17.9	16.8	321.4	328.1	2.1	44.7	9.9	46.
20.6	62.1	5807.3	500.0	-9.4	-17.5	220.7	24.1	15.7	18.3	321.8	328.0	1.9	51.5	11.6	46.
21.9	65.6	6201.4	475.0	-13.1	-23.4	217.0	24.1	14.5	19.2	321.9	326.0	1.2	41.5	13.5	45.
23.4	69.1	6610.4	450.0	-16.7	-20.3	216.1	24.4	14.4	19.8	322.3	327.9	1.7	74.2	15.5	43.
24.7	72.6	7037.7	425.0	-19.4	-27.1	216.3	26.5	15.7	21.3	324.1	327.4	1.0	50.4	17.7	43.
26.3	76.5	7486.1	400.0	-22.1	-27.3	223.7	31.1	21.5	22.5	326.3	329.7	1.0	62.7	20.3	42.
27.7	80.4	7957.8	375.0	-25.6	-27.7	230.4	31.2	24.0	19.9	327.7	331.3	1.0	82.9	23.1	43.
29.4	84.5	8454.4	350.0	-29.2	-31.1	232.0	30.4	23.9	18.7	329.4	332.2	0.8	93.3	26.0	44.
31.0	88.6	8979.6	325.0	-33.3	-36.9	230.7	35.6	27.5	22.6	330.8	332.5	0.5	89.9	29.2	45.
32.9	93.2	9536.6	300.0	-37.6	-45.7	231.2	37.6	29.3	23.5	332.3	333.1	0.2	82.0	33.2	45.
34.8	97.8	10131.8	275.0	-41.8	99.9	236.5	36.0	30.0	19.8	334.8	999.9	99.9	999.9	37.3	46.
37.1	102.6	10770.9	250.0	-47.1	99.9	238.8	39.6	33.9	20.5	336.1	999.9	99.9	999.9	42.9	48.
39.5	108.0	11460.4	225.0	-52.2	99.9	235.2	47.2	38.8	26.9	338.5	999.9	99.9	999.9	48.9	49.
41.8	113.5	12214.9	200.0	-56.5	99.9	240.3	51.7	44.9	25.6	343.3	999.9	99.9	999.9	55.6	50.
44.8	119.8	13052.6	175.0	-62.2	99.9	248.7	64.5	60.1	23.4	347.3	999.9	99.9	999.9	64.6	52.
47.8	126.3	13987.7	150.0	-68.7	99.9	249.3	50.3*	47.0	17.8	351.7	999.9	99.9	999.9	75.7	55.
51.8	134.0	15079.1	125.0	-68.2	99.9	247.5	37.6*	34.8	14.4	371.5	999.9	99.9	999.9	85.2	56.
56.2	141.3	16421.6	100.0	-69.2	99.9	225.3	19.6*	13.9	13.8	394.1	999.9	99.9	999.9	92.6	57.
62.3	150.0	18138.8	75.0	-68.9	99.9	205.2	7.9*	3.4	7.2	428.5	999.9	99.9	999.9	97.1	56.
70.4	159.7	20604.2	50.0	-62.0	99.9	44.8	8.2	-5.8	-5.8	497.5	999.9	99.9	999.9	98.5	56.
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

27 APRIL 1975
2315 GMT

147 38. 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	12.3	873.0	908.2	25.6	-4.8	260.0	12.8	12.6	2.2	307.5	316.3	2.9	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.
0.2	13.0	952.5	900.0	25.3	-0.5	269.0	21.7	21.7	0.4	308.1	320.2	4.1	18.3	0.5	90.
1.0	15.2	1198.3	875.0	22.8	-1.1	270.1	17.9	17.9	-0.0	308.0	319.8	4.0	20.3	1.1	90.
1.8	17.4	1449.0	850.0	20.4	-2.3	268.0	16.5	16.5	0.6	308.0	319.2	3.8	21.6	1.9	89.
2.7	19.8	1705.0	825.0	17.7	-4.4	270.5	14.6	14.6	-0.1	307.8	317.7	3.4	21.8	2.8	89.
3.6	22.1	1966.5	800.0	15.1	-5.6	264.1	13.6	13.5	1.4	307.7	317.0	3.2	23.4	3.5	89.
4.5	24.6	2233.9	775.0	12.6	-7.4	255.4	13.0	15.5	4.0	307.7	316.2	2.8	24.0	4.3	87.
5.5	26.9	2507.9	750.0	10.9	-9.4	251.5	21.0	19.9	6.7	308.7	316.3	2.5	23.1	5.3	85.
6.4	29.5	2789.3	725.0	8.9	-12.1	249.4	26.6	24.9	9.4	309.4	315.8	2.1	21.2	6.6	82.
7.2	32.1	3078.3	700.0	6.7	-14.6	246.3	25.5	23.3	10.2	310.1	315.6	1.8	20.1	7.9	79.
8.3	34.9	3375.4	675.0	4.1	-15.2	240.9	24.6	21.5	12.0	310.5	315.9	1.7	22.9	9.4	77.
9.2	37.3	3681.1	650.0	1.7	-14.0	237.2	23.8	20.0	12.9	311.1	317.3	2.0	30.1	10.7	75.
10.2	40.2	3995.5	625.0	-1.2	-14.9	233.7	24.1	19.4	14.3	311.3	317.3	1.9	34.3	12.0	73.
11.2	42.9	4319.6	600.0	-3.6	-18.3	227.0	23.0	16.8	15.7	312.1	316.8	1.5	30.8	13.3	70.
12.3	45.9	4654.6	575.0	-5.5	-26.9	220.3	24.3	15.7	18.5	313.7	316.1	0.7	16.5	14.8	67.
13.7	49.0	5001.4	550.0	-8.1	-29.3	226.0	26.7	19.2	18.6	314.6	316.6	0.6	16.1	16.6	64.
15.6	51.9	5361.6	525.0	-9.5	-30.4	229.6	30.2	23.0	19.6	317.0	319.0	0.6	16.2	19.8	62.
17.0	55.1	5736.9	500.0	-12.1	-31.6	225.6	30.8	22.0	21.5	318.3	320.2	0.5	17.8	22.3	60.
18.2	58.3	6126.7	475.0	-15.7	-34.4	221.8	33.3	22.2	24.8	318.6	320.1	0.4	18.2	24.5	59.
19.4	61.7	6531.7	450.0	-19.2	-37.1	221.8	33.0	22.0	24.6	319.0	320.3	0.3	18.7	26.8	57.
20.5	65.3	6954.1	425.0	-22.5	-39.4	226.2	35.8	25.8	24.8	320.2	321.2	0.3	19.5	29.2	56.
22.1	68.8	7396.9	400.0	-24.9	-41.0	227.4	39.7	29.2	26.9	322.6	323.5	0.3	20.7	32.6	55.
24.1	72.5	7864.2	375.0	-27.2	-43.4	225.8	46.8*	33.6	32.6	325.5	326.3	0.2	19.6	37.7	54.
25.7	76.5	8358.7	350.0	-30.2	-46.6	224.5	43.8*	30.7	31.2	327.9	328.5	0.2	18.3	42.2	53.
27.2	80.7	8881.5	325.0	-34.4	-49.9	227.2	47.4*	34.8	32.2	329.1	329.6	0.1	18.9	46.0	52.
28.9	85.1	9434.9	300.0	-39.8	99.9	225.3	44.9*	31.9	31.6	329.2	999.9	99.9	999.9	50.8	52.
30.9	89.5	10024.6	275.0	-43.8	99.9	227.8	48.7*	36.1	32.7	331.9	999.9	99.9	999.9	56.7	51.
33.0	94.5	10658.7	250.0	-48.4	99.9	229.0	45.3*	34.2	29.7	334.1	999.9	99.9	999.9	62.4	51.
34.9	99.6	11345.4	225.0	-52.5	99.9	231.0	50.8*	39.5	32.0	338.1	999.9	99.9	999.9	67.6	51.
37.3	105.2	12096.8	200.0	-57.9	99.9	231.5	53.0*	41.5	33.0	341.0	999.9	99.9	999.9	75.2	51.
40.0	111.3	12931.9	175.0	-60.8	99.9	235.3	41.1*	33.7	23.4	349.6	999.9	99.9	999.9	82.8	51.
42.7	118.0	13894.4	150.0	-61.0	99.9	226.1	45.4*	32.7	31.5	364.9	999.9	99.9	999.9	90.2	51.
45.8	125.7	15028.2	125.0	-61.9	99.9	231.8	27.9*	21.9	17.3	382.9	999.9	99.9	999.9	96.5	51.
50.1	134.0	16404.1	100.0	-61.4	99.9	240.5	47.5*	41.4	23.4	409.1	999.9	99.9	999.9	103.1	52.
54.4	142.7	18157.9	75.0	-64.4	99.9	191.0	10.0*	1.9	9.8	438.0	999.9	99.9	999.9	106.1	52.
61.4	152.7	20673.3	50.0	-58.7	99.9	226.3	11.9*	8.6	8.3	505.4	999.9	99.9	999.9	108.6	51.
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

b

STATION NO. 270
EL PASO, TEX

27 APRIL 1975
2315 GMT

153 17. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.7	1193.0	878.0	19.3	-15.7	280.0	9.3	9.2	-1.6	303.7	307.6	1.3	8.0	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	15.9	1222.3	875.0	19.0	-15.1	112.0	0.6	-0.6	0.2	303.7	307.8	1.4	8.6	0.6	75.
0.8	18.3	1468.6	850.0	14.7	-17.6	266.8	1.9	1.9	0.1	301.6	305.1	1.1	9.2	0.8	99.
1.8	20.5	1719.3	825.0	11.8	-16.8	274.7	15.3	15.3	-1.3	301.3	305.1	1.2	11.9	1.4	97.
2.8	22.8	1975.0	800.0	9.4	-17.6	273.0	16.1	16.1	-0.8	301.3	305.0	1.2	13.1	2.4	96.
3.7	25.3	2236.9	775.0	7.2	-18.6	269.6	18.3	18.3	0.1	301.7	305.2	1.1	13.9	3.2	95.
4.5	27.6	2505.3	750.0	5.3	-19.3	263.7	19.5	19.4	2.1	302.5	305.9	1.1	14.9	4.1	93.
5.2	30.2	2780.8	725.0	3.2	-19.9	258.9	24.1	23.6	4.6	303.1	306.4	1.1	16.5	5.1	91.
5.8	32.8	3064.7	700.0	2.6	-21.3	257.8	25.1	24.5	5.3	305.4	308.6	1.0	15.2	6.0	89.
6.4	35.5	3357.8	675.0	0.6	-23.0	259.3	24.9	24.4	4.6	306.4	309.2	0.9	15.0	6.9	87.
7.1	38.0	3658.9	650.0	-2.2	-25.2	260.8	24.9	24.6	4.0	306.5	309.0	0.8	15.2	7.8	87.
7.7	40.7	3968.8	625.0	-5.1	-27.4	261.7	24.8	24.6	3.6	306.6	308.7	0.6	15.4	8.8	86.
8.5	43.5	4287.3	600.0	-7.9	-29.5	261.3	25.3	25.0	3.8	307.0	308.8	0.5	15.6	10.0	86.
9.6	46.5	4617.1	575.0	-9.7	-29.1	258.7	26.5	26.0	5.2	308.7	310.6	0.6	18.8	11.6	85.
11.2	49.6	4959.0	550.0	-11.5	-34.1	260.5	31.4	31.0	5.2	310.5	311.8	0.4	13.3	14.3	84.
12.8	52.6	5314.2	525.0	-13.6	-38.0	259.0	31.3	30.8	6.0	312.1	313.1	0.3	10.6	17.4	83.
13.9	55.7	5683.2	500.0	-16.6	-40.2	261.5	31.8	31.5	4.7	312.7	313.5	0.2	10.9	19.6	83.
14.9	59.0	6066.0	475.0	-19.8	-42.5	263.2	31.8	31.6	3.7	313.4	314.1	0.2	11.2	21.4	83.
15.8	62.4	6465.8	450.0	-21.5	-43.7	267.5	30.4	30.4	1.3	316.2	316.8	0.2	11.3	23.2	83.
17.0	65.9	6884.9	425.0	-24.1	-45.6	268.9	29.4	29.4	0.6	318.1	318.6	0.1	11.6	25.2	83.
18.4	69.6	7325.4	400.0	-26.2	-47.2	265.3	30.5	30.4	2.5	320.9	321.4	0.1	11.7	27.7	84.
20.6	73.3	7789.7	375.0	-29.2	-49.4	257.7	28.7	28.1	6.1	322.9	323.3	0.1	12.0	31.5	83.
22.4	77.4	8279.2	350.0	-32.6	-52.0	251.4	34.6	32.8	11.0	324.7	325.1	0.1	12.3	35.0	83.
24.3	81.5	8797.1	325.0	-36.6	-55.0	245.2	34.1	31.0	14.3	326.2	326.5	0.1	12.7	38.7	81.
26.4	85.9	9346.4	300.0	-40.4	99.9	242.8	37.9	33.7	17.3	328.4	999.9	99.9	999.9	43.1	79.
28.6	90.6	9934.0	275.0	-44.9	99.9	243.8	38.7*	34.7	17.1	330.2	999.9	99.9	999.9	48.3	78.
30.8	95.5	10564.9	250.0	-49.4	99.9	239.3	35.2*	30.2	18.0	332.6	999.9	99.9	999.9	52.9	76.
32.9	100.6	11248.3	225.0	-53.8	99.9	242.2	49.8*	44.0	23.2	336.1	999.9	99.9	999.9	58.7	75.
35.5	106.5	11997.3	200.0	-58.5	99.9	238.7	40.3*	34.4	20.9	340.2	999.9	99.9	999.9	64.9	73.
38.8	112.7	12834.5	175.0	-59.9	99.9	245.5	45.4*	41.3	18.8	351.0	999.9	99.9	999.9	73.0	72.
42.3	119.3	13798.9	150.0	-58.4	99.9	247.9	36.4*	33.7	13.7	369.5	999.9	99.9	999.9	81.9	71.
46.3	127.0	14946.2	125.0	-60.0	99.9	237.8	30.4*	25.7	16.2	386.4	999.9	99.9	999.9	89.7	70.
51.3	135.7	16335.2	100.0	-61.7	99.9	233.9	18.5*	14.9	10.9	408.6	999.9	99.9	999.9	95.9	70.
56.7	144.0	18087.9	75.0	-66.9	99.9	243.2	13.1*	11.7	5.9	432.6	999.9	99.9	999.9	100.5	69.
64.8	153.5	20600.8	50.0	-59.6	99.9	60.4	1.6*	-1.4	-0.8	503.2	999.9	99.9	999.9	103.2	69.
78.1	164.0	25015.9	25.0	-53.1	99.9	101.6	5.3	-5.2	1.1	632.1	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. 327
NASHVILLE, TENN

27 APRIL 1975
2315 GMT

163 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
0.0	5.1	180.0	992.7	27.8	16.7	180.0	4.2	0.0	4.2	303.3	336.2	12.2	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.
0.6	6.5	339.6	975.0	26.7	16.0	193.3	8.0	1.8	7.8	303.7	335.7	11.8	51.7	0.3	11.
1.5	8.7	568.6	950.0	24.9	14.6	198.4	8.8	2.8	8.3	303.9	334.2	11.1	53.0	0.7	13.
2.3	10.8	802.0	925.0	22.9	13.4	200.2	9.0	3.1	8.5	304.2	332.9	10.5	55.0	1.2	16.
3.1	13.1	1040.0	900.0	20.4	12.0	201.9	7.1	2.7	6.6	303.9	330.9	9.9	58.4	1.6	17.
4.1	15.4	1282.8	875.0	18.2	11.3	202.7	7.6	2.9	7.0	304.0	330.4	9.7	64.0	2.0	18.
4.9	17.6	1530.6	850.0	16.0	10.7	214.0	8.1	4.5	6.7	304.2	330.4	9.6	70.9	2.4	19.
5.8	20.1	1783.8	825.0	14.1	10.0	246.4	7.9	7.2	3.2	304.8	330.8	9.4	76.4	2.7	24.
6.8	22.4	2043.0	800.0	11.8	8.3	248.9	9.2	8.6	3.3	304.9	328.8	8.6	79.0	3.1	31.
7.8	24.9	2308.5	775.0	10.3	5.2	251.2	9.5	9.0	3.1	305.8	326.0	7.2	70.6	3.5	37.
8.8	27.3	2581.1	750.0	8.6	1.9	246.3	9.6	8.8	3.8	306.7	323.5	5.9	62.7	4.1	41.
9.9	30.0	2861.1	725.0	7.3	-5.7	248.6	8.9	8.3	3.3	307.9	318.1	3.4	39.0	4.7	44.
10.9	32.7	3150.2	700.0	7.4	-4.8	274.1	6.6	6.6	-0.5	311.2	323.1	4.0	43.7	5.0	47.
12.1	35.4	3449.0	675.0	5.4	-3.9	286.6	6.2	5.9	-1.8	312.2	324.8	4.2	51.0	5.3	51.
13.3	38.1	3756.3	650.0	3.4	-11.2	282.4	7.4	7.2	-1.6	313.1	320.8	2.5	33.5	5.5	56.
14.5	40.8	4073.4	625.0	1.0	-6.9	276.1	9.7	9.7	-1.0	314.1	325.1	3.7	55.6	6.0	59.
15.9	43.9	4400.0	600.0	-1.9	-8.0	281.6	13.5	13.2	-2.7	314.3	324.9	3.5	63.3	6.7	64.
17.3	47.0	4737.7	575.0	-3.6	-8.6	284.2	16.9	16.3	-4.1	316.1	326.8	3.5	68.3	7.8	70.
18.6	50.0	5087.7	550.0	-6.2	-11.4	288.3	18.3	17.4	-5.7	317.0	326.1	2.9	66.7	9.0	75.
19.9	53.0	5449.5	525.0	-9.5	-16.8	290.1	18.1	17.0	-6.2	317.2	323.4	2.0	55.1	10.2	80.
21.3	56.1	5825.6	500.0	-10.8	-17.1	290.0	17.4	16.4	-6.0	320.1	326.5	2.0	59.5	11.5	83.
22.7	59.6	6219.3	475.0	-12.5	-21.3	297.6	17.9	15.8	-8.3	322.6	327.5	1.5	47.4	12.8	87.
24.2	63.3	6630.1	450.0	-15.9	-25.4	306.2	19.0	15.4	-11.2	323.4	327.0	1.1	43.7	14.3	91.
25.9	66.8	7058.1	425.0	-19.3	-32.0	303.6	18.4	15.4	-10.2	324.3	326.4	0.6	31.3	15.7	95.
27.6	70.5	7506.3	400.0	-22.4	-30.5	302.6	20.6	17.4	-11.1	325.9	328.5	0.7	47.3	17.6	98.
29.6	74.5	7977.8	375.0	-25.2	-35.0	308.7	19.5	15.2	-12.2	328.3	330.1	0.5	39.3	19.8	101.
31.5	78.8	8474.6	350.0	-29.4	-37.5	316.5	17.7	12.2	-12.8	329.0	330.6	0.4	44.9	21.7	104.
33.6	83.0	8999.0	325.0	-33.8	-41.4	306.3	18.5	14.9	-10.9	330.1	331.2	0.3	45.5	23.8	107.
35.9	87.6	9555.8	300.0	-37.9	-48.4	299.3	19.2	16.8	-9.4	331.9	332.5	0.2	31.6	26.1	108.
38.4	92.6	10148.9	275.0	-42.9	99.9	307.9	16.5	13.0	-10.1	333.1	999.9	99.9	999.9	28.5	109.
40.8	97.8	10783.4	250.0	-48.3	99.9	303.9	20.1	16.7	-11.2	334.2	999.9	99.9	999.9	31.0	111.
43.4	103.3	11468.5	225.0	-53.8	99.9	294.1	30.6	27.9	-12.5	336.1	999.9	99.9	999.9	35.1	112.
46.6	109.5	12214.7	200.0	-59.7	99.9	293.7	34.9	31.9	-14.0	338.3	999.9	99.9	999.9	41.4	112.
50.0	115.8	13037.2	175.0	-66.3	99.9	291.8	37.9	35.2	-14.1	340.5	999.9	99.9	999.9	47.6	112.
53.4	123.3	13958.3	150.0	-71.7	99.9	300.4	28.2	24.3	-14.2	346.7	999.9	99.9	999.9	53.2	113.
57.6	131.0	15041.9	125.0	-66.0	99.9	303.0	20.1	16.8	-10.9	375.4	999.9	99.9	999.9	59.4	113.
62.5	139.0	16387.8	100.0	-69.3	99.9	336.5	11.2	4.5	-10.3	393.8	999.9	99.9	999.9	66.4	115.
69.3	147.3	18122.2	75.0	-64.1	99.9	7.8	6.4	-0.9	-6.3	438.6	999.9	99.9	999.9	70.3	117.
78.1	155.7	20627.0	50.0	-59.0	99.9	113.8	1.8	-1.7	0.7	504.6	999.9	99.9	999.9	71.5	120.
93.1	164.3	25055.3	25.0	-51.3	99.9	359.7	4.3	0.0	-4.3	637.5	999.9	99.9	999.9	69.1	122.

* 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

27 APRIL 1975
2315 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 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	1001.4	28.3	18.4	190.0	6.2	1.1	6.1	303.2	339.3	13.4	55.0	0.0	0.
0.1	6.0	91.5	1000.0	28.9	17.6	173.4	9.8	-1.1	9.7	303.8	338.3	12.8	50.6	0.3	352.
0.9	8.3	316.7	975.0	27.3	16.7	171.2	10.4	-1.6	10.3	304.4	338.0	12.4	52.3	0.5	353.
1.7	10.5	546.1	950.0	25.0	15.5	169.8	9.7	-1.7	9.5	304.2	336.2	11.8	55.7	1.0	351.
2.5	12.7	779.7	925.0	22.8	14.7	173.5	8.7	-1.0	8.6	304.2	335.4	11.5	60.1	1.4	351.
3.4	15.1	1017.8	900.0	20.4	14.5	181.2	9.0	0.2	8.9	304.1	335.9	11.7	69.0	1.9	352.
4.4	17.3	1260.8	875.0	18.1	14.3	190.9	11.4	2.1	11.1	304.1	336.3	11.8	78.8	2.5	356.
5.3	19.8	1508.7	850.0	15.6	13.2	200.2	10.9	3.8	10.2	304.0	335.0	11.4	85.8	3.1	359.
6.2	22.0	1762.2	825.0	14.3	11.5	212.7	12.3	6.6	10.3	305.1	333.6	10.4	83.4	3.6	4.
7.0	24.5	2021.9	800.0	12.6	6.1	217.8	14.4	8.8	11.4	305.6	326.3	7.4	64.5	4.2	9.
8.0	26.9	2288.6	775.0	12.9	-1.0	220.6	13.9	9.1	10.6	308.2	321.6	4.6	38.3	4.9	14.
8.9	29.5	2563.8	750.0	12.4	-8.7	214.1	13.8	7.8	11.5	310.4	318.4	2.7	22.1	5.6	17.
9.9	32.1	2847.4	725.0	12.1	-14.1	206.6	14.7	6.6	13.1	312.9	318.5	1.8	14.6	6.5	19.
10.9	34.9	3140.2	700.0	10.5	-15.2	213.1	16.2	8.8	13.5	314.3	319.6	1.7	14.8	7.3	20.
11.8	37.4	3441.9	675.0	8.7	-16.5	219.8	16.7	10.7	12.8	315.6	320.5	1.6	15.0	8.3	22.
12.8	40.2	3752.3	650.0	6.0	-17.8	222.9	15.6	10.6	11.5	315.9	320.6	1.4	16.1	9.2	24.
14.1	42.9	4071.6	625.0	3.4	-18.9	219.7	15.8	10.1	12.2	316.5	320.9	1.4	17.6	10.3	26.
15.4	45.8	4401.3	600.0	1.0	-10.1	210.8	16.5	8.4	14.2	317.6	326.8	2.9	43.1	11.5	27.
16.7	48.9	4742.4	575.0	-1.4	-10.1	208.9	15.7	7.6	13.7	318.7	328.3	3.1	51.6	12.8	27.
18.0	51.8	5095.3	550.0	-4.0	-9.1	208.4	14.3	6.8	12.6	319.8	330.6	3.5	67.4	14.0	27.
19.2	54.9	5460.4	525.0	-7.6	-10.2	201.9	14.5	5.4	13.4	319.7	330.1	3.3	81.1	15.1	27.
20.5	57.9	5838.7	500.0	-10.6	-12.2	208.4	16.4	7.8	14.4	320.4	329.8	3.0	87.9	16.2	27.
21.7	61.3	6230.9	475.0	-14.1	-20.2	217.9	15.7	9.6	12.4	320.7	326.0	1.6	59.8	17.4	27.
23.2	64.7	6638.6	450.0	-17.1	-29.5	224.7	13.4	9.4	9.5	321.7	324.2	0.7	33.1	18.5	28.
24.8	68.1	7066.5	425.0	-18.3	-22.6	229.8	12.8	9.8	8.3	325.7	330.5	1.5	68.7	19.7	30.
26.4	71.5	7516.9	400.0	-20.8	-36.7	223.8	15.6	10.8	11.3	327.9	329.4	0.4	22.6	21.1	31.
28.1	75.3	7990.3	375.0	-24.9	-33.7	224.0	18.5	12.8	13.3	328.6	330.7	0.6	43.6	22.6	32.
29.8	79.3	8487.6	350.0	-29.1	-36.6	227.4	17.4	12.8	11.8	329.6	331.2	0.5	47.7	24.5	33.
31.6	83.0	9013.9	325.0	-32.2	-44.7	225.1	18.8	13.3	13.2	332.2	333.0	0.2	27.4	26.5	34.
33.9	87.2	9573.7	300.0	-36.6	-49.5	232.7	23.6	18.8	14.3	333.7	334.2	0.1	24.5	29.1	35.
36.0	91.7	10171.2	275.0	-40.8	99.9	248.2	24.4	22.6	9.0	336.2	999.9	99.9	999.9	32.1	37.
38.0	96.2	10812.7	250.0	-46.0	99.9	257.4	24.2	23.6	5.3	337.8	999.9	99.9	999.9	34.3	40.
40.4	101.2	11505.0	225.0	-51.8	99.9	255.8	26.3	25.5	6.4	339.1	999.9	99.9	999.9	37.4	44.
42.9	106.6	12255.6	200.0	-59.0	99.9	257.2	24.9	24.3	5.5	339.3	999.9	99.9	999.9	40.5	47.
46.1	112.3	13081.1	175.0	-65.4	99.9	257.2	33.1	32.3	7.3	342.0	999.9	99.9	999.9	45.7	50.
50.2	118.5	14006.7	150.0	-69.0	99.9	262.6	22.1	21.9	2.9	351.2	999.9	99.9	999.9	52.2	54.
54.6	125.5	15097.7	125.0	-66.8	99.9	256.8	18.6	18.1	4.2	374.1	999.9	99.9	999.9	57.3	56.
59.7	133.0	16439.0	100.0	-70.6	99.9	267.3	9.0	9.0	0.4	391.3	999.9	99.9	999.9	61.1	58.
66.4	140.7	18173.4	75.0	-67.0	99.9	276.8	4.3	4.2	-0.5	432.4	999.9	99.9	999.9	64.0	58.
75.6	148.7	20654.2	50.0	-60.9	99.9	43.6	4.7	-3.3	-3.4	500.1	999.9	99.9	999.9	63.0	60.
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. 349
MONETTE, MO

27 APRIL 1975
2315 GMT

58 462. 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	10.3	438.0	957.7	25.0	15.6	170.0	6.7	-1.2	6.6	303.5	335.3	11.8	56.0	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	10.9	509.0	950.0	24.8	13.3	177.7	8.5	-0.3	8.5	303.8	331.6	10.2	48.8	0.5	349.
1.0	13.5	743.3	925.0	24.3	11.7	179.2	10.4	-0.1	10.4	305.5	331.4	9.4	45.1	0.8	352.
1.8	15.8	982.6	900.0	22.2	11.6	181.9	13.3	0.4	13.3	305.7	332.2	9.6	50.9	1.4	355.
2.6	18.4	1226.6	875.0	19.6	10.4	187.2	15.5	1.9	15.4	305.4	330.6	9.1	55.5	2.1	358.
3.4	20.8	1475.6	850.0	17.3	9.4	192.4	18.6	4.0	18.2	305.4	329.8	8.8	59.8	2.9	1.
4.3	23.4	1730.0	825.0	15.2	8.6	198.2	18.9	5.9	17.9	305.8	329.5	8.5	64.7	3.8	5.
5.2	25.9	1990.1	800.0	13.0	7.0	203.6	22.0	8.8	20.1	306.0	328.1	7.9	66.9	4.9	8.
6.2	28.7	2256.6	775.0	12.0	0.1	217.9	23.0	14.1	18.1	307.4	322.1	5.1	45.2	6.3	13.
7.5	31.6	2531.4	750.0	12.1	-11.6	226.9	22.5	16.5	15.4	310.0	316.4	2.1	17.8	7.8	20.
8.7	34.4	2815.0	725.0	12.4	-17.6	227.4	23.7	17.4	16.0	313.2	317.5	1.3	10.7	9.3	25.
9.7	37.0	3107.9	700.0	11.2	-16.4	226.9	23.4	17.1	16.0	315.0	319.9	1.5	12.8	10.6	28.
10.8	40.0	3409.6	675.0	8.6	-16.4	226.2	22.4	16.2	15.5	315.4	320.5	1.6	15.2	12.0	30.
11.8	42.8	3720.0	650.0	5.9	-16.8	225.2	22.6	16.0	15.9	315.9	320.9	1.6	17.6	13.3	31.
12.9	45.9	4039.6	625.0	3.8	-12.5	221.7	25.1	16.7	18.8	317.0	324.4	2.3	29.3	14.7	33.
13.8	49.0	4369.8	600.0	1.5	-12.1	217.5	26.4	16.1	20.9	318.2	326.1	2.5	35.3	16.4	33.
14.9	52.0	4710.6	575.0	-1.2	99.9	212.4	28.7	15.4	24.2	318.6	999.9	99.9	999.9	18.1	33.
16.1	55.2	5062.5	550.0	-5.0	99.9	207.8	24.5	11.4	21.6	318.3	999.9	99.9	999.9	20.1	33.
17.4	58.4	5426.2	525.0	-8.1	-15.2	202.6	26.6	10.2	24.6	318.9	326.0	2.2	56.8	21.9	32.
18.8	61.7	5803.3	500.0	-11.1	99.9	999.9	99.9	99.9	99.9	319.5	999.9	99.9	999.9	999.9	999.
20.4	65.3	6195.2	475.0	-13.5	99.9	999.9	99.9	99.9	99.9	321.4	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

119

STATION NO. 353
OKLAHOMA CITY OKC

27 APRIL 1975
2315 GMT

59 422. 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	9.0	392.0	959.8	20.6	14.9	180.0	10.3	0.0	10.3	298.7	328.6	11.2	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.
0.3	9.9	480.9	950.0	20.6	14.5	197.2	12.9	3.8	12.4	299.6	329.1	11.1	68.2	0.4	4.
1.1	11.9	711.8	925.0	20.8	12.7	203.2	15.7	6.2	14.4	301.9	329.1	10.0	59.6	0.9	13.
1.9	14.1	949.0	900.0	20.7	11.0	212.5	20.1	10.8	16.9	304.1	329.5	9.2	53.7	1.8	21.
2.7	16.3	1191.5	875.0	17.4	8.3	213.2	23.4	12.8	19.6	302.9	324.7	7.9	55.3	2.8	25.
3.4	18.6	1438.3	850.0	15.3	7.3	215.9	24.1	14.1	19.5	303.2	324.2	7.6	59.1	3.8	28.
4.1	20.8	1690.9	825.0	13.8	6.3	223.3	26.2	17.9	19.0	304.1	324.4	7.3	60.4	4.9	30.
5.0	23.2	1949.2	800.0	10.5	5.1	228.5	26.8	20.1	17.7	303.2	322.5	6.9	69.2	6.2	34.
6.5	25.6	2212.7	775.0	7.8	4.2	232.1	30.0	23.7	18.4	303.1	321.7	6.7	77.7	8.6	38.
7.6	28.0	2482.9	750.0	6.0	4.7	235.5	28.6	23.6	16.2	304.0	324.1	7.2	91.7	10.6	41.
8.8	30.6	2760.5	725.0	4.1	3.4	231.7	25.4	19.9	15.8	304.9	323.8	6.8	95.0	12.4	43.
9.8	33.2	3045.6	700.0	2.2	1.8	225.9	19.2	13.8	13.4	305.7	323.5	6.3	97.4	13.9	44.
11.6	35.8	3338.9	675.0	0.3	-0.2	208.8	13.5	6.5	11.8	306.7	322.7	5.6	95.9	15.5	43.
17.3	38.4	3642.0	650.0	-0.2	-0.3	203.3	21.4*	8.5	19.7	309.5	326.3	5.8	99.2	22.3	37.
19.1	41.1	3955.4	625.0	-2.2	-2.7	185.3	18.6*	1.7	18.5	310.6	325.2	5.0	96.0	24.1	35.
21.2	44.0	4279.5	600.0	-3.6	-4.8	191.4	21.6*	4.3	21.2	312.5	325.8	4.5	91.1	26.8	33.
22.8	47.0	4615.2	575.0	-5.4	-7.3	193.0	27.2*	6.1	26.5	314.1	325.7	3.8	86.5	28.9	31.
24.1	50.1	4963.6	550.0	-7.0	-9.2	199.0	24.6*	8.0	23.3	316.2	326.8	3.5	84.5	30.8	30.
25.8	53.1	5325.2	525.0	-9.5	-11.9	210.7	29.4*	15.0	25.3	317.3	326.4	2.9	82.5	33.9	30.
27.6	56.1	5701.2	500.0	-11.5	-14.1	205.8	26.0*	11.3	23.4	319.3	327.3	2.6	81.0	36.1	30.
29.5	59.6	6093.2	475.0	-13.8	-16.6	203.7	34.6*	13.9	31.6	321.1	328.1	2.2	79.4	40.4	29.
33.3	63.1	6502.3	450.0	-16.6	-19.6	999.9	99.9	99.9	99.9	322.6	328.4	1.8	77.2	999.9	999.
35.6	66.6	6930.7	425.0	-18.7	-22.0	999.9	99.9	99.9	99.9	325.1	330.2	1.5	75.5	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. 363
AMARILLO, TEX

27 APRIL 1975
2315 GMT

145 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	1095.0	881.6	18.9	-4.5	260.0	16.8	16.5	2.9	303.2	312.2	3.1	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	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.
0.4	15.3	1159.1	875.0	16.2	-6.2	247.4	21.3	19.6	8.2	300.9	308.9	2.7	20.9	0.5	70.
1.4	17.5	1404.0	850.0	13.8	-8.1	253.8	22.9	22.0	6.4	301.0	308.1	2.4	21.0	1.5	70.
2.4	19.9	1654.0	825.0	10.9	-10.4	256.0	22.6	21.9	5.5	300.4	306.6	2.1	21.1	3.1	73.
3.5	22.1	1909.3	800.0	8.4	-12.5	251.4	22.6	21.4	7.2	300.3	305.8	1.8	21.3	4.4	73.
4.4	24.5	2170.6	775.0	6.1	-13.0	251.6	23.5	22.2	7.4	300.6	306.0	1.8	23.8	5.8	73.
5.6	26.8	2437.8	750.0	3.6	-15.1	248.2	23.0	21.3	8.5	300.7	305.5	1.6	23.9	7.4	72.
6.6	29.3	2711.9	725.0	1.3	-16.4	244.9	31.6	28.6	13.4	301.0	305.4	1.5	25.4	8.9	71.
7.3	31.9	2993.1	700.0	-0.9	-18.2	238.0	22.6	19.2	12.0	301.7	305.6	1.3	25.5	10.1	70.
8.1	34.6	3282.3	675.0	-2.9	-20.1	231.7	29.0	22.8	18.0	302.6	306.1	1.1	25.0	11.3	69.
8.9	37.0	3580.4	650.0	-4.4	-22.2	229.0	32.4	24.4	21.3	304.1	307.2	1.0	23.3	12.8	66.
9.8	39.8	3890.1	625.0	-2.6	-23.8	227.6	31.9	23.6	21.6	309.6	312.5	0.9	17.7	14.3	64.
10.7	42.4	4214.3	600.0	-2.5	-23.7	227.2	34.7	25.4	23.6	313.4	316.4	0.9	17.7	15.1	62.
11.6	45.3	4550.3	575.0	-5.1	-25.7	228.3	42.1	31.4	28.0	314.1	316.8	0.8	17.9	18.0	61.
12.5	48.4	4897.5	550.0	-8.2	-28.2	224.9	43.0	30.4	30.5	314.4	316.7	0.7	18.1	20.5	59.
13.4	51.1	5256.4	525.0	-11.4	-30.8	219.5	37.3*	23.7	28.8	314.7	316.6	0.6	18.3	22.6	57.
14.5	54.3	5628.1	500.0	-14.9	-33.6	217.6	42.8*	26.1	34.0	314.8	316.4	0.4	18.5	24.7	56.
15.6	57.3	6013.4	475.0	-18.4	-36.3	214.1	41.4*	23.2	34.2	315.2	316.5	0.4	18.7	27.8	54.
16.6	60.7	6414.2	450.0	-21.7	-39.1	212.4	39.5*	21.2	33.4	315.9	316.9	0.3	19.0	29.9	52.
17.8	64.1	6834.6	425.0	-22.1	-39.4	211.8	47.0*	24.8	40.0	320.6	321.6	0.3	19.0	32.9	50.
19.0	67.6	7278.0	400.0	-25.1	-41.8	210.5	58.1*	29.5	50.0	322.3	323.1	0.2	19.2	36.5	48.
20.2	71.2	7743.7	375.0	-28.7	-44.7	211.1	63.4*	32.8	54.3	323.6	324.3	0.2	19.4	41.1	46.
21.4	75.0	8233.7	350.0	-32.5	-47.9	204.6	48.7*	20.2	44.3	324.9	325.4	0.1	19.7	44.9	45.
22.6	79.2	8752.8	325.0	-35.6	-50.4	206.4	48.3*	21.4	43.2	327.6	328.0	0.1	19.9	47.8	43.
24.2	83.3	9304.6	300.0	-40.0	99.9	210.4	60.7*	30.8	52.3	329.0	999.9	99.9	999.9	53.0	42.
25.9	87.7	9894.2	275.0	-44.2	99.9	210.1	48.1*	24.2	41.6	331.3	999.9	99.9	999.9	58.3	41.
27.6	92.6	10527.3	250.0	-47.8	99.9	214.3	50.0*	28.2	41.3	335.0	999.9	99.9	999.9	63.2	40.
29.2	97.6	11218.7	225.0	-50.3	99.9	214.8	54.2*	30.9	44.5	341.5	999.9	99.9	999.9	68.4	40.
30.9	103.0	11982.2	200.0	-53.2	99.9	215.6	44.8*	26.1	36.4	348.6	999.9	99.9	999.9	73.4	39.
33.0	109.0	12837.2	175.0	-56.9	99.9	211.0	25.0*	12.9	21.4	356.0	999.9	99.9	999.9	77.1	39.
35.6	115.6	13811.9	150.0	-58.7	99.9	215.6	47.7*	27.8	38.8	368.9	999.9	99.9	999.9	83.3	39.
38.3	123.3	14958.0	125.0	-57.5	99.9	216.8	25.9*	15.5	20.8	390.9	999.9	99.9	999.9	88.4	39.
41.5	131.7	16356.8	100.0	-61.8	99.9	215.3	27.4*	15.8	22.4	408.4	999.9	99.9	999.9	92.7	39.
45.3	141.0	18129.6	75.0	-60.4	99.9	219.6	21.4*	13.6	16.5	446.3	999.9	99.9	999.9	96.4	38.
50.2	151.5	20665.7	50.0	-56.6	99.9	243.3	0.1	0.1	0.0	510.2	999.9	99.9	999.9	98.0	38.
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

116

STATION NO. 365
ALBUQUERQUE, N MEX

27 APRIL 1975
2315 GMT

139 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	20.1	1619.0	831.8	12.8	-10.9	270.0	15.8	15.8	0.0	301.7	307.6	2.0	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	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	20.6	1687.7	825.0	11.3	-13.1	272.5	17.3	17.3	-0.8	300.8	305.9	1.7	16.6	0.3	49.
1.1	22.8	1942.8	800.0	8.2	-15.4	276.5	17.2	17.1	-1.9	300.1	304.4	1.4	16.9	1.1	90.
1.8	25.1	2203.5	775.0	5.8	-16.3	280.7	17.3	17.0	-3.2	300.2	304.3	1.4	18.5	1.9	93.
2.5	27.3	2470.5	750.0	3.2	-17.4	288.2	16.5	15.7	-5.2	300.3	304.2	1.3	20.1	2.5	96.
3.1	29.7	2743.6	725.0	0.3	-18.4	286.6	16.7	16.0	-4.8	299.9	303.7	1.2	23.0	3.1	99.
3.8	32.2	3023.5	700.0	-2.4	-19.0	278.4	17.6	17.5	-2.6	300.0	303.7	1.2	26.5	3.8	100.
4.5	34.7	3310.8	675.0	-5.0	-19.4	277.0	17.9	17.8	-2.2	300.2	303.8	1.2	31.2	4.6	99.
5.5	37.0	3605.7	650.0	-8.1	-20.3	273.0	20.1	20.0	-1.0	299.9	303.5	1.2	36.7	5.7	98.
6.4	39.7	3908.9	625.0	-11.0	-20.4	274.5	18.9	18.8	-1.5	300.0	303.7	1.2	45.5	6.8	97.
7.2	42.1	4220.9	600.0	-14.0	-21.2	275.1	19.0	19.0	-1.7	300.1	303.7	1.2	54.2	7.7	97.
8.1	44.8	4542.6	575.0	-16.7	-21.3	274.7	21.4	21.3	-1.7	300.6	304.3	1.2	67.0	8.8	97.
9.0	47.7	4874.7	550.0	-19.7	-22.4	276.5	23.1	23.0	-2.6	300.8	304.3	1.1	78.6	10.0	97.
9.9	50.5	5219.1	525.0	-21.7	-28.3	283.2	25.0	24.3	-5.7	302.3	304.6	0.7	55.1	11.2	97.
10.7	53.4	5576.2	500.0	-24.9	-31.2	288.1	27.7	26.3	-8.6	302.7	304.5	0.6	55.5	12.5	98.
11.9	56.3	5947.8	475.0	-26.5	-36.3	288.8	36.1	34.2	-11.6	305.2	306.4	0.4	39.3	14.6	100.
13.1	59.4	6339.0	450.0	-26.1	-40.7	290.1	42.5	40.0	-14.6	310.4	311.3	0.2	23.5	17.4	101.
14.4	62.8	6752.3	425.0	-27.3	-41.8	289.8	44.4	41.8	-15.1	314.0	314.8	0.2	27.6	20.9	103.
15.8	66.0	7185.7	400.0	-30.9	-47.3	286.1	49.4	47.5	-13.7	314.7	315.2	0.1	18.2	24.8	104.
17.4	69.6	7643.1	375.0	-34.6	-50.2	285.6	47.3	45.6	-12.7	315.7	316.1	0.1	18.4	29.8	104.
19.0	73.1	8119.2	350.0	-37.9	-52.9	285.4	44.4	42.8	-11.8	317.6	317.9	0.1	18.7	34.1	104.
20.6	77.0	8626.4	325.0	-40.6	99.9	283.7	51.1*	49.7	-12.1	320.8	999.9	99.9	999.9	38.5	104.
22.4	80.9	9168.6	300.0	-43.7	99.9	283.4	44.7*	43.5	-10.4	323.8	999.9	99.9	999.9	44.0	104.
24.2	85.3	9748.8	275.0	-46.2	99.9	276.0	44.7*	44.4	-4.7	328.4	999.9	99.9	999.9	48.2	104.
26.3	89.6	10383.0	250.0	-45.5	99.9	269.2	42.8*	42.8	0.6	338.5	999.9	99.9	999.9	53.9	103.
28.5	94.6	11065.3	225.0	-47.1	99.9	264.1	37.7*	37.5	3.8	346.3	999.9	99.9	999.9	58.6	101.
30.7	99.6	11862.8	200.0	-49.4	99.9	235.3	27.3*	22.4	15.5	354.5	999.9	99.9	999.9	62.6	99.
33.5	105.3	12732.9	175.0	-50.9	99.9	236.5	35.1*	29.3	19.4	365.9	999.9	99.9	999.9	67.2	96.
37.0	111.3	13730.1	150.0	-54.3	99.9	237.1	20.9*	17.5	11.3	376.6	999.9	99.9	999.9	72.2	93.
40.2	118.0	14893.8	125.0	-54.4	99.9	227.6	22.6*	16.7	15.2	396.4	999.9	99.9	999.9	76.1	91.
44.2	125.8	16316.2	100.0	-57.9	99.9	224.9	25.2*	17.8	17.8	415.9	999.9	99.9	999.9	79.7	88.
49.3	134.7	18106.8	75.0	-61.8	99.9	249.1	5.5	5.1	1.9	443.3	999.9	99.9	999.9	81.7	86.
56.2	143.7	20639.1	50.0	-58.7	99.9	117.7	5.5	-4.9	2.6	505.1	999.9	99.9	999.9	83.7	85.
66.2	153.0	25060.2	25.0	-54.3	99.9	60.1	6.0	-5.2	-3.0	628.6	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

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STATION NO. 433
SALEM, ILL

27 APRIL 1975
2315 GMT

163 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	175.0	991.0	22.8	10.9	120.0	7.2	-6.2	3.6	297.8	320.2	8.3	47.0	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.
0.4	6.3	317.0	975.0	22.3	15.1	133.2	11.9	-8.7	8.1	299.1	328.8	11.1	63.6	0.2	299.
1.1	8.4	542.8	950.0	21.2	16.8	154.7	11.1	-4.8	10.1	300.5	334.7	12.9	76.0	0.6	312.
1.9	10.5	774.7	925.0	20.8	17.7	188.1	12.6	1.8	12.5	302.5	339.8	13.9	82.3	1.1	333.
2.7	12.6	1011.7	900.0	18.9	15.9	203.4	14.4	5.7	13.2	302.7	337.2	12.8	82.8	1.6	349.
3.5	14.9	1253.8	875.0	17.7	12.8	212.9	14.9	8.1	12.5	303.6	332.7	10.7	73.0	2.2	1.
4.2	17.0	1501.7	850.0	16.4	11.6	224.1	15.6	10.9	11.2	304.7	332.5	10.1	73.1	2.7	10.
5.0	19.4	1755.7	825.0	14.9	9.9	222.6	17.0	11.5	12.5	305.6	331.4	9.3	72.0	3.4	18.
5.9	21.5	2015.9	800.0	13.1	8.4	225.3	15.3	10.9	10.8	306.3	330.5	8.7	73.2	4.2	22.
6.8	24.0	2282.4	775.0	11.5	5.5	235.8	14.0	11.6	7.9	307.2	327.9	7.4	66.7	4.9	27.
7.6	26.2	2556.1	750.0	9.7	2.4	241.6	11.8	10.4	5.6	307.9	325.3	6.1	60.3	5.5	31.
8.4	28.8	2837.1	725.0	8.6	-3.6	252.3	8.9	8.5	2.7	309.4	321.4	4.1	42.0	5.9	34.
9.4	31.4	3126.3	700.0	6.5	-7.1	269.4	7.1	7.1	0.1	310.1	319.8	3.2	37.4	6.2	37.
10.3	34.1	3423.9	675.0	5.3	-19.4	264.1	7.8	7.8	0.8	311.7	315.6	1.2	14.7	6.4	40.
11.3	36.7	3731.3	650.0	4.4	-18.8	258.2	11.8	11.5	2.4	314.1	318.3	1.3	16.7	6.8	42.
12.3	39.5	4049.5	625.0	2.5	-10.3	258.2	16.6	16.2	3.4	315.7	324.4	2.8	38.6	7.6	46.
13.3	42.1	4378.0	600.0	-0.4	-7.7	260.5	19.9	19.6	3.3	316.1	327.1	3.6	57.8	8.6	50.
14.4	45.1	4717.4	575.0	-2.6	-7.1	267.9	20.8	20.8	0.8	317.5	329.4	3.9	70.9	9.8	55.
15.5	48.1	5068.7	550.0	-5.2	-8.6	272.9	21.9	21.9	-1.1	318.3	329.5	3.6	76.9	10.9	59.
16.7	51.0	5432.4	525.0	-8.2	-10.5	274.1	21.8	21.8	-1.6	319.0	329.2	3.3	83.6	12.2	63.
17.9	54.3	5810.2	500.0	-10.4	-13.1	278.5	18.5	18.3	-2.7	320.7	329.5	2.8	80.6	13.5	67.
19.3	57.4	6203.7	475.0	-12.9	-18.8	279.7	18.9	18.6	-3.2	322.2	328.1	1.8	60.7	14.7	70.
20.5	60.7	6614.0	450.0	-15.6	-24.8	274.2	21.7	21.6	-1.6	323.8	327.6	1.1	44.8	16.1	72.
21.8	64.1	7042.9	425.0	-18.4	-36.2	273.5	20.5	20.4	-1.3	325.3	326.8	0.4	19.1	17.6	74.
23.1	67.7	7492.8	400.0	-21.4	-40.6	273.5	20.1	20.0	-1.2	327.1	328.1	0.3	16.2	19.2	76.
24.6	71.3	7965.3	375.0	-25.0	-41.2	274.1	20.0	20.0	-1.4	328.5	329.5	0.3	20.3	20.8	77.
26.2	75.4	8462.8	350.0	-29.2	-44.0	275.5	19.4	19.3	-1.9	329.4	330.2	0.2	22.1	22.7	79.
28.1	79.8	8987.8	325.0	-33.3	-44.6	279.0	19.5	19.2	-3.1	330.8	331.6	0.2	30.6	25.0	80.
30.0	84.0	9545.7	300.0	-37.6	-49.1	281.8	17.6	17.3	-3.6	332.3	332.8	0.1	28.6	26.7	82.
31.9	88.5	10140.3	275.0	-42.4	99.9	283.2	21.7	21.1	-4.9	333.8	999.9	99.9	999.9	29.0	83.
33.9	93.6	10776.6	250.0	-48.1	99.9	279.9	25.8	25.4	-4.5	334.6	999.9	99.9	999.9	31.7	85.
35.8	98.8	11462.6	225.0	-53.6	99.9	277.2	26.7	26.5	-3.3	336.4	999.9	99.9	999.9	34.4	86.
38.0	104.5	12208.9	200.0	-60.0	99.9	280.4	29.3	28.8	-5.3	337.7	999.9	99.9	999.9	38.2	87.
40.6	110.6	13029.6	175.0	-66.9	99.9	279.1	28.6	28.3	-4.5	339.5	999.9	99.9	999.9	42.6	89.
43.8	117.3	13953.7	150.0	-66.1	99.9	284.4	23.6	22.9	-5.9	356.2	999.9	99.9	999.9	48.0	89.
47.3	125.3	15055.3	125.0	-66.1	99.9	292.4	18.3	17.0	-7.0	375.2	999.9	99.9	999.9	51.4	91.
51.8	134.0	16408.0	100.0	-67.9	99.9	302.9	15.8	13.3	-8.6	396.5	999.9	99.9	999.9	56.0	93.
57.7	143.0	18165.9	75.0	-63.7	99.9	338.9	5.6	2.0	-5.2	439.4	999.9	99.9	999.9	59.1	96.
65.9	153.0	20681.0	50.0	-59.1	99.9	55.1	8.4	-6.9	-4.8	504.2	999.9	99.9	999.9	58.1	98.
77.9	163.5	25102.0	25.0	-52.0	99.9	63.0	4.1	-3.7	-1.9	635.4	999.9	99.9	999.9	54.8	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

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STATION NO. 451
DODGE CITY, KAN

27 APRIL 1975
2326 GMT

148 33. 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	14.7	791.0	910.3	22.8	-0.0	220.0	11.8	7.6	9.0	304.6	316.7	4.2	22.0	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	15.6	889.1	900.0	19.9	99.9	228.5	36.5	27.4	24.2	302.0	999.9	99.9	999.9	0.3	40.
1.0	18.0	1129.8	875.0	17.6	99.9	226.8	32.7	23.8	22.4	302.1	999.9	99.9	999.9	1.4	47.
1.7	20.5	1375.9	850.0	15.1	99.9	225.5	26.6	19.0	18.7	302.0	999.9	99.9	999.9	2.5	46.
2.4	23.0	1626.9	825.0	13.1	99.9	223.3	26.4	18.1	19.2	302.5	999.9	99.9	999.9	3.7	46.
3.2	25.5	1884.1	800.0	11.3	99.9	215.8	24.4	14.3	19.8	303.2	999.9	99.9	999.9	4.8	44.
3.9	28.1	2147.5	775.0	9.3	99.9	209.6	24.4	12.1	21.2	303.8	999.9	99.9	999.9	6.0	42.
4.8	30.9	2417.6	750.0	7.0	99.9	204.0	25.0	10.6	23.7	304.2	999.9	99.9	999.9	7.1	39.
5.7	33.7	2694.7	725.0	4.6	99.9	198.1	26.8	8.3	25.5	304.6	999.9	99.9	999.9	8.5	36.
6.8	36.3	2979.1	700.0	2.3	99.9	193.5	28.1	6.5	27.3	305.1	999.9	99.9	999.9	10.2	33.
7.7	39.2	3271.1	675.0	-0.6	99.9	193.3	29.3	6.7	28.5	305.0	999.9	99.9	999.9	11.6	30.
8.5	42.0	3570.9	650.0	-3.0	99.9	199.4	30.0	10.0	28.4	305.6	999.9	99.9	999.9	13.0	28.
9.2	44.9	3880.7	625.0	-3.6	99.9	205.0	32.8	13.8	29.7	306.3	999.9	99.9	999.9	14.3	28.
10.0	48.0	4202.2	600.0	-4.7	99.9	207.6	34.8	16.1	30.8	310.7	999.9	99.9	999.9	16.1	28.
10.9	51.0	4536.0	575.0	-6.0	99.9	206.4	35.1	15.6	31.5	312.9	999.9	99.9	999.9	18.0	28.
12.0	54.1	4882.3	550.0	-8.4	99.9	203.0	41.0	16.0	37.8	314.1	999.9	99.9	999.9	20.5	27.
12.9	57.3	5240.9	525.0	-11.8	99.9	201.7	38.9	14.4	36.2	314.2	999.9	99.9	999.9	22.7	27.
14.0	60.6	5612.0	500.0	-15.1	99.9	201.3	39.3	14.3	36.6	314.6	999.9	99.9	999.9	25.0	26.
14.9	64.1	5997.5	475.0	-18.4	99.9	201.9	46.1*	17.2	42.7	315.3	999.9	99.9	999.9	27.6	26.
16.1	67.4	6400.2	450.0	-18.9	99.9	202.4	53.0*	20.2	49.0	319.5	999.9	99.9	999.9	30.9	25.
17.3	70.9	6822.3	425.0	-23.0	99.9	203.3	50.6*	20.1	46.5	319.5	999.9	99.9	999.9	35.0	25.
18.7	74.7	7263.8	400.0	-25.8	99.9	204.0	53.7*	21.8	49.1	321.5	999.9	99.9	999.9	39.0	25.
19.8	78.4	7730.2	375.0	-27.5	99.9	202.4	58.8*	22.4	54.4	325.2	999.9	99.9	999.9	42.7	25.
20.8	82.2	8223.5	350.0	-30.1	99.9	201.9	59.0*	22.0	54.8	328.1	999.9	99.9	999.9	46.7	25.
21.9	86.2	8746.9	325.0	-33.8	99.9	200.2	57.2*	19.7	53.7	330.1	999.9	99.9	999.9	50.4	24.
23.3	90.5	9303.7	300.0	-38.2	99.9	199.4	58.5*	19.5	55.2	331.5	999.9	99.9	999.9	55.0	24.
24.9	95.1	9895.5	275.0	-43.5	99.9	200.7	52.1*	18.4	48.7	332.3	999.9	99.9	999.9	60.5	24.
26.5	99.8	10531.9	250.0	-47.1	99.9	202.4	48.2*	18.4	44.6	336.0	999.9	99.9	999.9	65.7	23.
28.1	104.8	11226.4	225.0	-49.1	99.9	193.5	42.3*	9.8	41.1	343.3	999.9	99.9	999.9	69.4	23.
29.6	110.3	11993.3	200.0	-52.9	99.9	193.4	35.8*	8.3	34.8	349.1	999.9	99.9	999.9	73.5	23.
31.4	116.0	12844.5	175.0	-57.5	99.9	196.7	33.8*	9.7	32.4	355.0	999.9	99.9	999.9	76.5	22.
33.6	122.7	13812.9	150.0	-59.6	99.9	205.1	39.2*	16.6	35.5	367.5	999.9	99.9	999.9	81.5	22.
36.3	129.8	14980.2	125.0	-54.1	99.9	190.2	18.4*	3.2	18.1	397.1	999.9	99.9	999.9	84.0	22.
39.4	137.3	16381.5	100.0	-61.2	99.9	211.7	12.8*	6.7	10.9	409.5	999.9	99.9	999.9	87.9	22.
43.3	145.3	18154.0	75.0	-58.8	99.9	194.3	12.5	3.1	12.1	449.6	999.9	99.9	999.9	88.7	22.
49.9	154.5	20706.8	50.0	-57.8	99.9	93.3	8.3	-8.3	0.5	507.3	999.9	99.9	999.9	89.0	21.
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

139

STATION NO. 456
TOPEKA, KAN

27 APRIL 1975
2315 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	268.0	972.0	26.1	19.5	180.0	8.3	0.0	8.3	303.7	343.6	14.9	67.0	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.
0.7	8.6	469.8	950.0	24.4	17.8	188.6	15.4	2.3	15.2	303.8	340.6	13.7	66.7	0.4	8.
1.5	10.6	703.3	925.0	22.4	16.4	187.4	18.1	2.3	18.0	303.9	338.5	12.8	68.7	1.2	8.
2.4	12.8	941.3	900.0	20.3	15.3	192.2	21.7	4.6	21.2	304.1	337.3	12.3	73.0	2.3	8.
3.3	15.0	1184.2	875.0	18.0	14.9	194.4	22.4	5.6	21.7	304.1	337.4	12.3	82.1	3.5	10.
4.2	17.1	1432.6	850.0	16.2	15.1	197.6	23.4	7.1	22.3	304.9	339.6	12.8	92.7	4.7	12.
5.2	19.5	1686.4	825.0	13.7	13.2	199.4	23.9	7.9	22.5	304.6	336.4	11.7	96.6	6.1	13.
6.1	21.7	1945.9	800.0	12.1	11.5	202.4	25.6	9.7	23.7	305.5	335.1	10.8	96.1	7.5	15.
7.1	24.1	2212.3	775.0	11.1	10.4	201.0	20.3	7.3	19.0	307.2	335.7	10.3	95.1	8.9	16.
8.3	26.5	2486.6	750.0	10.0	8.6	209.2	21.6	10.5	18.8	308.7	335.0	9.4	91.0	10.3	17.
9.3	29.0	2768.2	725.0	8.3	6.1	215.0	22.0	12.6	18.0	309.6	332.9	8.2	86.3	11.6	19.
10.5	31.7	3058.3	700.0	7.1	4.5	215.8	23.2	13.6	18.8	311.4	333.2	7.6	83.7	13.1	21.
11.2	34.3	3357.4	675.0	5.2	2.9	211.0	21.5	11.1	18.4	312.4	332.7	7.0	85.0	14.1	22.
12.5	36.9	3664.1	650.0	0.7	-2.1	201.2	18.8	6.8	17.6	310.4	325.2	5.1	81.6	15.6	22.
13.4	39.7	3979.0	625.0	-0.8	-3.5	198.7	16.9	5.4	16.0	312.2	326.2	4.7	81.7	16.7	22.
14.4	42.4	4304.3	600.0	-2.9	-6.1	204.3	17.2	7.1	15.7	313.3	325.4	4.1	78.4	17.4	22.
15.4	45.4	4640.7	575.0	-5.0	-8.6	208.0	17.1	8.1	15.1	314.5	325.1	3.5	75.6	18.8	22.
16.5	48.5	4989.5	550.0	-7.3	-10.5	213.2	15.5	8.5	12.9	315.8	325.4	3.1	78.0	19.7	23.
17.4	51.4	5351.1	525.0	-8.7	-12.1	207.3	18.4	8.4	16.4	318.3	327.3	2.9	76.8	20.6	23.
17.9	54.7	5729.7	500.0	-8.6	-12.0	201.4	21.4	7.8	19.9	322.9	332.6	3.1	76.7	21.1	23.
18.6	57.9	6126.3	475.0	-10.5	-14.0	200.8	24.8	8.8	23.2	325.3	334.0	2.7	75.1	22.0	23.
19.2	61.4	6540.4	450.0	-13.4	-17.3	203.2	26.5	10.4	24.3	326.6	333.7	2.2	72.8	23.1	23.
19.7	65.1	6973.3	425.0	-16.4	-20.5	204.3	29.0	11.9	26.4	328.1	334.0	1.8	70.4	23.8	23.
20.3	68.7	7427.4	400.0	-19.3	-23.7	204.4	33.6	13.8	30.6	330.0	334.8	1.4	67.9	25.0	23.
21.0	72.4	7904.8	375.0	-22.4	-27.2	203.3	36.0	14.2	33.1	332.0	335.8	1.1	65.1	26.5	23.
21.8	76.7	8406.9	350.0	-27.5	-32.7	196.8	33.9	9.8	32.5	331.7	334.1	0.7	60.9	28.1	23.
22.4	80.9	8936.0	325.0	-31.7	-37.3	189.8	32.6	5.6	32.1	332.9	334.6	0.5	57.5	29.4	23.
23.3	85.3	9496.2	300.0	-36.7	-42.6	195.2	34.1	8.9	32.9	333.8	334.7	0.3	53.8	31.0	22.
25.0	90.2	10091.0	275.0	-42.5	99.9	211.7	32.9	17.3	28.0	333.7	999.9	99.9	999.9	34.5	22.
28.8	95.3	10728.6	250.0	-47.9	99.9	219.8	28.7	18.4	22.1	334.8	999.9	99.9	999.9	41.3	25.
33.2	100.7	11413.3	225.0	-54.3	99.9	231.7	22.2	17.4	13.8	335.3	999.9	99.9	999.9	48.4	27.
34.8	106.8	12156.1	200.0	-61.2	99.9	228.4	23.5	17.6	15.6	335.8	999.9	99.9	999.9	50.5	29.
37.5	113.0	12973.3	175.0	-67.0	99.9	238.2	26.1	22.2	13.8	339.3	999.9	99.9	999.9	53.9	30.
40.5	120.0	13913.3	150.0	-61.6	99.9	217.7	14.5	8.9	11.5	363.9	999.9	99.9	999.9	57.4	32.
43.8	127.7	15043.2	125.0	-62.8	99.9	257.2	11.7	11.4	2.6	381.3	999.9	99.9	999.9	60.8	33.
48.7	136.0	16407.3	100.0	-66.8	99.9	225.5	10.8	7.7	7.6	398.6	999.9	99.9	999.9	64.3	35.
54.8	144.0	18169.5	75.0	-62.2	99.9	206.1	6.9	3.1	6.2	442.5	999.9	99.9	999.9	65.6	35.
64.4	152.7	20683.2	50.0	-59.2	99.9	105.1	8.5	-8.2	2.2	504.0	999.9	99.9	999.9	65.5	33.
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. 476
GRAND JUNCTION, COL

27 APRIL 1975
2315 GMT

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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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.6	1474.0	843.9	9.4	-4.9	160.0	4.2	-1.4	3.9	297.0	306.0	3.2	36.0	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.
0.7	21.3	1660.9	825.0	6.9	-9.2	324.7	0.5	0.3	-0.4	296.2	302.8	2.3	30.5	0.2	339.
1.4	23.7	1912.6	800.0	4.6	-9.7	202.0	1.5	0.6	1.4	296.4	303.0	2.3	34.4	0.2	345.
2.1	26.0	2170.0	775.0	2.1	-10.0	263.5	3.0	3.0	0.3	296.4	303.0	2.3	40.2	0.3	358.
2.8	28.6	2433.6	750.0	-0.4	-10.3	271.4	5.0	5.0	-0.1	296.4	303.1	2.3	46.9	0.3	35.
3.5	31.2	2703.6	725.0	-3.0	-12.2	254.5	9.7	9.3	2.6	296.5	302.5	2.1	48.8	0.6	55.
4.1	33.9	2980.4	700.0	-5.5	-12.5	260.8	9.6	9.5	1.5	296.6	302.7	2.1	57.7	0.9	64.
4.9	36.3	3264.6	675.0	-8.0	-11.2	270.7	10.0	10.0	-0.1	297.0	304.0	2.4	77.8	1.3	71.
5.6	39.1	3556.7	650.0	-10.8	-11.6	277.3	10.6	10.5	-1.3	297.1	304.0	2.4	93.7	1.7	78.
6.5	41.8	3857.1	625.0	-13.1	-13.1	270.5	11.6	11.6	-0.1	297.7	304.1	2.2	100.9	2.3	83.
7.6	44.8	4167.2	600.0	-15.0	-15.0	264.1	12.1	12.1	1.2	298.9	304.8	2.0	101.0	3.1	83.
8.8	47.8	4487.8	575.0	-17.3	-17.4	269.6	13.1	13.1	0.1	299.9	305.0	1.7	99.4	4.0	83.
9.7	50.7	4819.5	550.0	-20.0	-20.7	281.7	14.5	14.2	-2.9	300.5	304.6	1.3	93.7	4.7	85.
10.7	53.6	5163.0	525.0	-22.5	-23.7	297.2	15.9	14.1	-7.3	301.4	304.7	1.1	89.9	5.6	89.
11.8	56.6	5519.2	500.0	-25.2	-27.1	313.2	18.9	13.8	-12.9	302.4	305.0	0.8	84.2	6.5	95.
13.0	59.9	5890.6	475.0	-27.0	-31.3	322.7	21.8	13.2	-17.3	304.6	306.5	0.6	66.6	7.7	103.
14.1	63.4	6278.0	450.0	-30.0	-36.4	330.9	22.0	10.7	-19.3	305.5	306.7	0.4	53.6	8.8	110.
15.3	66.7	6683.3	425.0	-32.3	-39.4	334.3	21.4	9.2	-19.3	307.6	308.6	0.3	49.0	10.0	116.
16.6	70.4	7108.3	400.0	-35.4	-49.3	334.6	22.8	9.8	-20.6	308.9	309.2	0.1	22.5	11.3	121.
18.1	74.1	7555.0	375.0	-38.4	-48.7	334.8	29.7	12.7	-26.9	310.8	311.2	0.1	32.7	13.2	126.
19.5	78.2	8027.1	350.0	-41.3	99.9	334.9	33.3	14.1	-30.1	313.1	999.9	99.9	999.9	15.8	131.
21.2	82.2	8526.6	325.0	-44.6	99.9	333.3	32.8	14.7	-29.3	315.2	999.9	99.9	999.9	18.9	135.
22.9	86.4	9057.5	300.0	-48.7	99.9	325.5	32.4	18.3	-26.7	316.7	999.9	99.9	999.9	22.3	138.
24.9	91.0	9630.0	275.0	-47.3	99.9	312.9	30.1	22.0	-20.5	326.8	999.9	99.9	999.9	25.9	138.
26.9	95.8	10261.5	250.0	-47.0	99.9	315.8	17.8	12.4	-12.7	336.2	999.9	99.9	999.9	28.8	137.
29.3	101.0	10959.2	225.0	-47.1	99.9	290.2	12.4	11.6	-4.3	346.3	999.9	99.9	999.9	31.0	136.
31.8	106.6	11739.0	200.0	-46.6	99.9	268.9	12.2	12.2	0.2	359.1	999.9	99.9	999.9	32.3	135.
34.7	112.7	12622.0	175.0	-48.6	99.9	235.6	11.8	9.8	6.7	369.6	999.9	99.9	999.9	33.6	131.
37.9	119.3	13629.8	150.0	-50.5	99.9	219.9	11.9	7.6	9.1	383.1	999.9	99.9	999.9	34.1	128.
41.9	126.5	14817.3	125.0	-51.7	99.9	167.5	10.2	-2.2	10.0	401.4	999.9	99.9	999.9	34.0	125.
46.5	134.7	16257.4	100.0	-53.2	99.9	169.8	11.1	-2.0	10.9	425.0	999.9	99.9	999.9	32.5	118.
52.2	142.7	18071.8	75.0	-58.7	99.9	217.8	9.5	5.8	7.5	449.8	999.9	99.9	999.9	31.4	112.
59.7	151.7	20641.4	50.0	-58.5	99.9	73.7	9.8	-9.4	-2.8	505.8	999.9	99.9	999.9	31.0	113.
70.6	161.3	25065.7	25.0	-52.6	99.9	88.7	10.0	-10.0	-0.2	633.8	999.9	99.9	999.9	25.8	119.

* 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

27 APRIL 1975
2318 GMT

159 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	180.0	994.0	26.9	18.2	170.0	1.0	-0.2	1.0	302.4	338.3	13.4	59.0	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.
0.6	7.5	351.3	975.0	27.0	18.7	190.4	2.6	0.5	2.6	304.3	342.3	14.1	60.5	0.2	359.
1.5	9.6	580.7	950.0	24.8	17.3	194.3	4.5	1.1	4.4	304.2	340.0	13.2	63.0	0.4	4.
2.4	11.5	814.2	925.0	22.1	15.5	202.3	5.0	1.9	4.7	303.5	336.3	12.1	66.3	0.7	11.
3.4	13.6	1052.0	900.0	19.9	14.7	211.4	5.3	2.8	4.5	303.6	335.6	11.8	71.9	0.9	15.
4.3	15.6	1294.6	875.0	17.6	14.6	210.0	5.9	3.0	5.1	303.7	336.3	12.0	82.4	1.2	19.
5.2	17.8	1542.1	850.0	15.4	12.4	214.2	7.1	4.0	5.9	303.7	333.0	10.8	82.3	1.6	22.
6.2	20.1	1795.1	825.0	13.4	10.6	220.6	9.1	5.9	6.9	304.1	331.0	9.8	83.3	2.0	26.
7.1	22.1	2054.0	800.0	11.2	9.4	223.8	8.8	6.1	6.3	304.4	330.1	9.3	88.7	2.5	29.
8.1	24.5	2318.9	775.0	9.2	6.7	224.3	8.9	6.2	6.4	304.8	327.0	8.0	84.4	3.0	32.
9.2	26.5	2590.6	750.0	8.0	2.4	219.4	8.7	5.5	6.7	306.0	323.4	6.1	68.4	3.6	33.
10.3	29.0	2870.5	725.0	8.3	-3.8	217.8	5.9	3.6	4.6	309.1	320.8	4.0	42.0	4.1	34.
11.4	31.5	3160.3	700.0	7.8	-11.6	241.3	5.4	4.7	2.6	311.4	318.3	2.3	23.9	4.4	34.
12.5	34.0	3459.1	675.0	6.0	-9.8	263.5	6.5	6.4	0.7	312.7	320.9	2.7	31.0	4.8	37.
13.6	36.4	3767.1	650.0	3.9	-13.6	289.1	7.3	6.9	-2.4	313.6	320.1	2.1	26.5	5.0	42.
14.8	39.1	4084.3	625.0	1.4	-13.3	295.1	8.4	7.6	-3.6	314.4	321.2	2.2	32.3	5.2	48.
16.0	41.6	4411.7	600.0	-1.1	-11.2	296.8	9.3	8.3	-4.2	315.2	323.5	2.7	46.3	5.5	54.
17.2	44.4	4750.2	575.0	-3.3	-9.7	302.2	11.0	9.3	-5.8	316.5	326.3	3.2	61.0	5.8	61.
18.4	47.3	5100.4	550.0	-5.8	-11.1	305.4	12.2	9.9	-7.1	317.5	326.8	3.0	66.6	6.2	68.
19.7	50.2	5463.6	525.0	-8.6	-10.8	308.7	11.6	9.0	-7.2	318.5	328.4	3.2	83.5	6.7	75.
20.9	53.0	5840.2	500.0	-11.3	-15.2	305.3	10.6	8.7	-6.1	319.5	326.9	2.3	72.9	7.2	80.
22.3	56.0	6232.1	475.0	-14.1	-19.0	301.1	11.9	10.2	-6.1	320.6	326.4	1.8	66.5	8.0	84.
23.7	59.3	6640.9	450.0	-16.4	-39.5	301.0	13.6	11.7	-7.0	322.6	323.6	0.3	11.6	8.8	88.
25.1	62.6	7068.6	425.0	-19.3	-40.0	307.8	15.5	12.2	-9.5	324.2	325.2	0.3	13.8	9.8	92.
26.7	65.9	7516.6	400.0	-22.5	-32.2	316.7	16.6	11.4	-12.1	325.8	328.0	0.6	40.6	11.1	98.
28.3	69.5	7987.0	375.0	-26.6	-33.8	318.0	14.5	9.7	-10.8	326.3	328.4	0.6	50.4	12.2	102.
29.8	73.0	8482.2	350.0	-29.7	-36.6	314.5	12.0	8.6	-8.4	328.7	330.4	0.5	50.6	13.3	105.
31.6	77.0	9006.9	325.0	-33.6	-41.5	305.2	12.1	9.9	-7.0	330.3	331.5	0.3	44.3	14.4	107.
33.5	81.0	9563.4	300.0	-38.1	-48.2	294.4	8.3	7.6	-3.4	331.6	332.2	0.2	33.0	15.6	108.
35.6	85.3	10156.7	275.0	-43.2	99.9	304.3	10.2	8.4	-5.8	332.7	999.9	99.9	999.9	16.8	109.
37.7	89.8	10790.3	250.0	-48.9	99.9	298.1	17.1	15.1	-8.1	333.4	999.9	99.9	999.9	18.2	110.
39.9	94.8	11473.8	225.0	-54.3	99.9	293.5	24.4	22.4	-9.7	335.3	999.9	99.9	999.9	21.1	111.
42.2	99.8	12219.1	200.0	-60.0	99.9	301.0	27.9	23.9	-14.4	337.7	999.9	99.9	999.9	24.8	112.
44.8	105.5	13038.3	175.0	-66.8	99.9	302.0	31.4	26.7	-16.6	339.7	999.9	99.9	999.9	29.4	113.
47.6	111.8	13959.9	150.0	-69.3	99.9	298.7	29.8	26.1	-14.3	350.8	999.9	99.9	999.9	34.6	114.
50.7	118.8	15045.7	125.0	-71.0	99.9	300.0	20.2	17.5	-10.1	366.5	999.9	99.9	999.9	38.8	115.
54.8	127.0	16380.5	100.0	-66.9	99.9	320.5	19.3	12.3	-14.9	398.5	999.9	99.9	999.9	44.7	116.
60.0	136.3	18103.6	75.0	-68.7	99.9	313.8	9.9	7.1	-6.8	429.0	999.9	99.9	999.9	48.5	119.
67.0	146.5	20575.6	50.0	-61.0	99.9	42.0	3.5	-2.4	-2.6	499.7	999.9	99.9	999.9	49.7	121.
77.9	158.5	24976.8	25.0	-51.6	99.9	62.6	2.5	-2.2	-1.2	636.5	999.9	99.9	999.9	48.6	124.

* 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

28 APRIL 1975
0 GMT

112 130. 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 PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	362.0	962.6	17.0	14.1	150.0	6.2	-3.1	5.4	294.7	322.5	10.6	83.0	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	10.0	474.4	950.0	16.6	11.2	169.1	13.8	-2.6	13.6	295.2	318.7	8.9	70.8	0.3	341.
1.3	12.0	704.0	925.0	20.2	12.1	174.2	13.9	-1.4	13.9	301.3	327.4	9.6	59.5	1.0	348.
2.2	14.3	940.5	900.0	19.6	10.9	185.3	13.2	1.2	13.1	303.0	328.0	9.1	57.0	1.7	352.
3.1	16.4	1183.2	875.0	19.3	10.2	208.8	12.3	5.9	10.8	305.0	329.9	9.0	55.7	2.3	359.
3.9	18.7	1432.8	850.0	18.7	10.2	222.2	12.0	8.1	8.9	307.0	332.7	9.3	57.8	2.9	7.
4.9	21.0	1688.5	825.0	17.4	6.0	234.6	12.1	9.9	7.0	307.9	328.2	7.2	47.2	3.4	14.
5.7	23.3	1950.8	800.0	15.8	1.4	242.8	13.5	12.0	6.2	308.7	324.0	5.3	37.5	3.9	21.
6.9	25.6	2219.4	775.0	13.5	-1.4	248.7	16.3	15.1	5.9	308.9	322.0	4.5	35.5	4.6	30.
7.8	28.1	2494.1	750.0	11.1	-6.4	249.0	18.1	16.9	6.5	309.1	318.5	3.2	28.6	5.4	37.
8.7	30.6	2776.0	725.0	9.1	-8.9	248.5	19.5	18.2	7.2	309.8	318.0	2.7	27.0	6.2	41.
9.6	33.2	3065.1	700.0	6.2	-10.3	248.2	20.1	18.7	7.5	309.6	317.2	2.5	29.5	7.2	45.
10.5	35.6	3361.5	675.0	3.3	-11.6	247.7	20.7	19.2	7.9	309.6	316.7	2.3	32.5	8.3	48.
11.6	38.3	3665.7	650.0	0.3	-12.6	246.1	22.0	20.1	8.9	309.6	316.4	2.2	37.0	9.6	51.
12.8	41.0	3978.7	625.0	-2.5	-10.9	240.3	26.2	22.8	13.0	309.9	318.0	2.7	52.6	11.3	53.
14.0	43.7	4301.8	600.0	-4.5	-15.7	234.8	30.5	24.9	17.5	311.2	317.0	1.9	41.3	13.4	54.
15.3	46.6	4635.7	575.0	-6.3	-23.1	229.9	34.3	26.3	22.1	312.8	316.1	1.0	25.2	15.8	53.
16.6	49.5	4983.0	550.0	-7.5	-16.1	226.5	41.2	29.9	28.3	315.4	321.7	2.0	49.9	18.9	53.
17.9	52.3	5343.5	525.0	-10.0	-13.2	221.0	43.3	28.4	32.7	316.7	324.9	2.6	77.3	22.3	51.
19.4	55.3	5718.4	500.0	-12.6	-14.4	207.3	28.9	13.3	25.7	318.0	325.9	2.5	85.8	25.3	49.
20.7	58.3	6109.0	475.0	-14.5	-16.3	202.8	23.8	9.2	21.9	320.3	327.4	2.2	85.6	27.2	47.
22.4	61.6	6517.9	450.0	-16.5	-18.0	203.8	22.3	9.0	20.4	322.7	329.4	2.1	88.6	29.1	46.
23.8	65.0	6945.8	425.0	-19.1	-20.6	203.4	27.0	10.7	24.7	324.7	330.4	1.7	87.5	31.1	44.
25.1	68.3	7394.8	400.0	-22.2	-23.8	206.6	28.5	12.7	25.5	326.2	330.9	1.4	86.5	33.2	43.
26.4	71.7	7866.8	375.0	-25.3	-27.0	207.5	32.8	15.2	29.1	328.2	332.0	1.1	85.7	35.4	42.
27.5	75.5	8365.0	350.0	-28.5	-30.4	206.7	35.0	15.8	31.3	330.4	333.4	0.9	83.5	37.7	41.
28.7	79.5	8891.9	325.0	-32.8	-35.1	208.4	34.5	16.4	30.3	331.4	333.5	0.6	79.8	40.2	40.
30.1	83.3	9451.0	300.0	-36.8	-39.4	201.8	28.3	10.5	26.3	333.5	335.0	0.4	76.1	42.7	39.
31.9	87.6	10047.7	275.0	-41.9	99.9	203.2	27.3	10.8	25.1	334.5	999.9	99.9	999.9	45.5	38.
33.8	92.2	10686.9	250.0	-46.8	99.9	209.2	26.7	13.0	23.3	336.5	999.9	99.9	999.9	48.5	37.
35.7	97.0	11375.0	225.0	-53.3	99.9	217.6	27.2	16.6	21.6	336.8	999.9	99.9	999.9	51.6	37.
37.9	102.0	12120.9	200.0	-59.7	99.9	218.0	27.4	16.9	21.6	338.3	999.9	99.9	999.9	55.0	37.
39.9	107.8	12942.5	175.0	-65.6	99.9	206.8	31.2	14.1	27.9	341.7	999.9	99.9	999.9	58.8	37.
42.4	113.8	13877.3	150.0	-63.3	99.9	999.9	99.9	99.9	99.9	361.1	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

Sounding Data

28 April 1975

0300 GMT

121 - 138

STATION NO. 213
WAYCROSS, GA

28 APRIL 1975
300 GMT

152 21. 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	3.5	44.0	1011.3	22.8	18.3	170.0	2.6	-0.5	2.6	296.8	331.5	13.3	76.0	0.0	0.
0.2	4.2	142.4	1000.0	23.1	17.9	167.8	14.1	-3.0	13.8	298.0	332.4	13.1	72.9	0.2	331.
0.9	5.9	363.5	975.0	22.9	15.1	172.3	14.3	-1.9	14.2	299.7	329.5	11.1	61.5	0.5	341.
1.6	7.8	590.3	950.0	22.8	14.0	183.5	13.4	0.8	13.4	301.8	330.6	10.6	57.3	1.1	350.
2.4	9.8	822.4	925.0	21.0	14.9	197.8	10.0	3.1	9.5	302.4	333.7	11.6	67.8	1.7	357.
3.2	11.5	1059.9	900.0	20.4	15.0	206.3	7.6	3.3	6.8	304.2	336.9	12.1	71.3	2.1	2.
4.1	13.5	1303.1	875.0	18.5	13.6	208.9	7.2	3.5	6.3	304.6	335.4	11.3	73.2	2.4	6.
4.9	15.5	1551.6	850.0	16.5	12.3	217.9	7.3	4.5	5.8	304.8	334.0	10.6	76.2	2.8	9.
5.7	17.4	1805.6	825.0	14.6	10.4	234.2	5.9	4.8	3.5	305.3	332.0	9.7	75.7	3.0	13.
6.5	19.5	2065.3	800.0	12.3	9.2	257.6	5.2	5.1	1.1	305.5	330.9	9.2	81.6	3.2	17.
7.4	21.4	2331.3	775.0	10.3	8.8	274.8	5.2	5.2	-0.4	306.1	331.7	9.2	90.1	3.3	21.
8.2	23.6	2604.2	750.0	8.9	5.4	289.7	5.2	4.9	-1.8	307.2	328.5	7.6	79.1	3.3	26.
9.2	25.7	2884.8	725.0	7.3	3.4	299.7	5.3	4.6	-2.6	308.3	327.5	6.8	76.2	3.3	31.
10.0	27.9	3173.1	700.0	5.5	1.7	302.8	4.9	4.2	-2.7	309.4	327.2	6.2	76.5	3.3	35.
10.8	30.3	3469.9	675.0	3.3	-1.9	313.2	4.2	3.1	-2.9	309.9	324.3	4.9	68.7	3.3	39.
11.7	32.7	3775.3	650.0	1.3	-1.6	325.1	3.7	2.1	-3.1	311.1	326.4	5.2	81.0	3.3	43.
12.5	35.1	4090.4	625.0	-0.2	-3.7	322.2	3.8	2.3	-3.0	312.9	326.7	4.7	76.8	3.3	46.
13.5	37.4	4417.0	600.0	-1.3	-8.8	319.1	5.6	3.7	-4.3	315.1	325.2	3.3	57.5	3.2	50.
14.5	40.0	4755.4	575.0	-2.8	-15.4	322.4	6.7	4.1	-5.3	317.0	323.3	2.0	36.9	3.3	57.
15.6	42.5	5107.3	550.0	-4.2	-19.6	330.8	7.5	3.7	-6.6	319.3	324.1	1.5	29.3	3.3	66.
16.8	45.2	5472.5	525.0	-6.2	-25.1	333.6	8.6	3.8	-7.7	321.0	324.2	0.9	20.9	3.4	75.
18.0	48.1	5852.4	500.0	-8.6	-24.1	330.7	9.5	4.6	-8.3	322.6	326.3	1.1	27.4	3.6	86.
19.2	50.8	6248.2	475.0	-11.4	-27.1	324.8	9.5	5.5	-7.8	323.9	326.9	0.9	26.0	4.0	94.
20.4	53.8	6660.6	450.0	-14.5	-33.8	333.2	10.6	4.8	-9.5	325.0	326.8	0.5	17.4	4.4	102.
21.8	56.7	7090.5	425.0	-18.2	-35.8	338.8	11.6	4.2	-10.8	325.6	327.1	0.4	19.7	5.0	111.
23.3	60.0	7540.3	400.0	-21.7	-39.3	343.2	11.4	3.3	-10.9	326.7	327.9	0.3	18.6	5.8	118.
24.7	63.4	8012.6	375.0	-25.1	-36.1	354.5	10.5	1.0	-10.4	328.3	329.9	0.5	35.0	6.4	125.
26.3	66.7	8510.3	350.0	-28.6	-43.2	340.3	10.7	3.6	-10.1	330.2	331.0	0.2	22.9	7.1	130.
27.9	70.4	9037.0	325.0	-32.5	-49.3	335.6	11.7	4.8	-10.7	331.8	332.3	0.1	17.0	8.1	134.
29.8	74.0	9595.3	300.0	-37.3	-48.0	330.1	13.8	6.9	-12.0	332.7	333.3	0.2	31.5	9.4	137.
31.8	78.2	10190.1	275.0	-42.2	99.9	322.4	15.1	9.2	-12.0	334.1	999.9	99.9	999.9	11.0	138.
33.9	82.4	10826.8	250.0	-48.0	99.9	330.5	19.3	9.5	-16.8	334.6	999.9	99.9	999.9	13.3	139.
36.6	86.8	11512.4	225.0	-54.0	99.9	327.1	22.6	12.3	-19.0	335.8	999.9	99.9	999.9	16.5	141.
39.3	92.0	12258.6	200.0	-60.3	99.9	328.1	28.0	14.8	-23.8	337.3	999.9	99.9	999.9	20.7	143.
42.2	97.3	13080.4	175.0	-66.1	99.9	326.3	30.4	16.9	-25.3	340.8	999.9	99.9	999.9	25.9	144.
45.3	103.3	13999.1	150.0	-73.0	99.9	320.0	31.1	20.0	-23.8	344.4	999.9	99.9	999.9	31.5	143.
48.7	110.0	15072.2	125.0	-70.1	99.9	322.5	26.8	16.3	-21.3	368.1	999.9	99.9	999.9	37.7	143.
53.0	117.3	16409.8	100.0	-71.1	99.9	323.3	20.7	12.4	-16.6	390.4	999.9	99.9	999.9	44.5	143.
59.4	127.0	18124.3	75.0	-67.1	99.9	348.4	9.6	1.9	-9.4	432.3	999.9	99.9	999.9	51.2	144.
67.1	138.0	20610.5	50.0	-60.3	99.9	13.5	5.8	-1.3	-5.6	501.4	999.9	99.9	999.9	52.7	145.
79.6	151.0	25018.1	25.0	-51.5	99.9	167.7	4.8	-1.0	4.7	636.5	999.9	99.9	999.9	52.8	146.

* 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

28 APRIL 1975
215 GMT

146 56. 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	100.0	1003.0	22.8	18.8	160.0	3.6	-1.2	3.4	297.6	333.6	13.7	78.0	0.0	0.
0.1	4.8	126.2	1000.0	23.0	18.8	159.5	3.6	-3.0	8.0	298.0	334.4	13.9	77.6	0.1	353.
0.9	6.5	347.8	975.0	23.1	17.6	161.8	12.9	-4.0	12.2	300.2	335.1	13.1	71.0	0.5	343.
1.8	8.7	574.6	950.0	22.0	17.1	152.9	11.3	-5.1	10.0	301.3	336.1	13.1	73.9	1.2	345.
2.7	10.7	806.2	925.0	20.0	16.2	999.9	99.9	99.9	99.9	301.4	335.2	12.6	78.7	999.9	999.
3.7	12.9	1042.2	900.0	17.6	14.9	999.9	99.9	99.9	99.9	301.3	333.4	12.0	84.2	999.9	999.
4.7	15.2	1283.0	875.0	15.8	12.4	999.9	99.9	99.9	99.9	301.6	329.8	10.4	79.9	999.9	999.
5.7	17.3	1529.2	850.0	14.4	8.8	200.9	9.9	3.5	9.3	302.3	325.4	8.4	69.3	3.4	9.
6.8	19.6	1781.6	825.0	14.6	1.5	208.6	9.9	4.7	8.7	304.8	319.5	5.2	40.8	4.0	11.
7.8	21.7	2041.6	800.0	13.8	2.8	202.7	8.0	3.1	7.4	306.7	323.5	5.9	47.4	4.5	14.
8.9	24.2	2308.4	775.0	12.1	-1.3	187.9	9.8	1.3	9.7	307.4	320.4	4.5	39.5	5.1	13.
9.8	26.4	2582.2	750.0	10.3	-3.5	189.9	8.7	1.5	8.5	308.3	319.8	3.9	37.6	5.7	13.
11.0	29.0	2863.7	725.0	9.8	-11.3	189.3	7.0	1.1	6.9	310.5	317.3	2.2	21.3	6.2	12.
12.2	31.6	3155.3	700.0	10.1	-7.5	183.6	6.2	0.4	6.1	314.0	323.5	3.1	28.1	6.7	12.
13.5	34.2	3457.0	675.0	8.5	-8.8	174.9	5.8	-0.5	5.8	315.5	324.4	2.9	28.3	7.1	11.
14.7	36.8	3767.4	650.0	6.1	-9.4	181.0	6.1	0.1	6.1	316.2	325.1	2.9	31.8	7.5	10.
16.0	39.6	4086.9	625.0	3.0	-11.2	193.8	5.3	1.3	5.2	316.3	324.4	2.6	34.3	8.0	10.
17.4	42.1	4416.5	600.0	1.2	-10.7	185.7	4.7	0.5	4.7	317.8	326.6	2.8	40.7	8.4	10.
18.9	45.1	4758.2	575.0	-0.6	-13.6	197.9	5.5	1.7	5.2	319.5	326.9	2.3	36.6	8.8	10.
20.4	48.1	5112.0	550.0	-2.9	-15.9	208.3	6.7	3.2	5.9	320.9	327.4	2.0	35.6	9.4	11.
21.7	51.0	5478.8	525.0	-5.7	-18.8	228.0	7.9	5.9	5.3	321.8	327.2	1.6	34.4	9.9	12.
23.2	54.3	5858.9	500.0	-8.8	-27.1	248.9	8.9	8.3	3.2	322.4	325.2	0.8	20.9	10.5	15.
24.7	57.3	6254.4	475.0	-11.3	-27.6	261.1	9.9	9.8	1.5	324.0	326.9	0.8	24.6	10.9	19.
26.4	60.8	6666.6	450.0	-14.4	-32.0	252.6	9.8	9.0	2.8	325.1	327.2	0.6	20.7	11.4	24.
28.1	64.3	7097.8	425.0	-17.3	-34.9	243.1	9.9	8.9	4.5	326.8	328.4	0.5	19.8	12.1	27.
30.0	67.9	7549.2	400.0	-20.6	-37.6	249.4	12.1	11.3	4.3	328.2	329.5	0.4	20.0	13.1	30.
31.8	71.5	8022.9	375.0	-24.8	-38.2	253.5	13.8	13.2	3.9	328.8	330.1	0.4	27.2	14.2	34.
33.8	75.5	8520.6	350.0	-28.9	-36.1	254.6	16.1	15.6	4.3	329.8	331.5	0.5	49.8	15.5	38.
35.8	79.8	9045.9	325.0	-33.6	-38.9	258.1	17.0	16.7	3.5	330.3	331.8	0.4	58.2	17.2	43.
37.9	84.0	9603.5	300.0	-37.1	-41.7	251.6	12.0	11.3	3.8	333.0	334.2	0.3	61.5	18.7	45.
40.2	88.6	10200.3	275.0	-41.3	99.9	251.2	16.4	15.6	5.3	335.5	999.9	99.9	999.9	20.6	48.
42.5	93.6	10840.3	250.0	-46.5	99.9	257.7	17.9	17.5	3.8	337.0	999.9	99.9	999.9	22.9	50.
45.1	99.0	11530.4	225.0	-52.8	99.9	265.7	21.4	21.3	1.6	337.6	999.9	99.9	999.9	25.5	54.
47.8	104.7	12280.9	200.0	-58.8	99.9	271.4	19.1	19.1	-0.5	339.6	999.9	99.9	999.9	28.3	58.
50.5	110.8	13106.7	175.0	-65.1	99.9	274.6	31.6	31.5	-2.5	342.5	999.9	99.9	999.9	31.6	62.
53.8	117.7	14029.3	150.0	-72.2	99.9	278.6	36.0	35.7	-5.0	345.8	999.9	99.9	999.9	37.1	68.
57.5	125.5	15099.6	125.0	-73.1	99.9	271.2	22.0	22.0	-0.5	362.6	999.9	99.9	999.9	42.1	72.
62.1	134.0	16422.4	100.0	-71.2	99.9	262.1	8.2	8.2	1.1	390.2	999.9	99.9	999.9	46.5	73.
68.4	142.3	18133.4	75.0	-70.7	99.9	293.9	6.2	5.7	-2.5	424.8	999.9	99.9	999.9	49.2	74.
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

28 APRIL 1975
215 GMT

157 28. 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	3.6	5.0	1012.4	23.9	21.2	140.0	6.7	-4.3	5.1	298.2	339.7	15.9	85.0	0.0	0.
0.2	4.7	113.5	1000.0	23.5	21.7	134.9	11.9	-8.5	8.4	298.9	342.4	16.6	89.8	0.4	329.
1.1	6.9	334.8	975.0	21.8	20.5	146.3	12.5	-6.9	10.4	299.2	340.8	15.8	92.7	0.8	324.
1.9	9.3	560.6	950.0	19.9	18.5	162.0	12.7	-3.9	12.1	299.3	337.1	14.3	91.6	1.5	329.
2.8	11.6	791.0	925.0	19.5	13.9	174.5	12.7	-1.2	12.7	300.7	330.0	10.9	70.1	2.1	335.
3.4	14.1	1027.2	900.0	19.3	10.8	181.2	9.7	0.2	9.7	302.6	327.5	9.1	58.1	2.5	339.
4.2	16.4	1269.5	875.0	17.5	15.3	189.5	8.9	1.5	8.8	303.7	337.9	12.7	87.0	2.9	343.
4.9	19.0	1517.2	850.0	15.6	13.9	195.0	8.1	2.1	7.8	304.1	336.2	11.8	89.2	3.2	346.
5.7	21.5	1770.9	825.0	14.6	7.9	201.4	10.4	3.8	9.7	305.2	328.3	8.3	65.3	3.6	350.
6.5	24.1	2030.7	800.0	14.0	-4.1	192.3	12.2	2.6	11.9	306.5	316.9	3.5	28.2	4.1	354.
7.5	26.7	2297.6	775.0	12.8	-11.9	188.7	13.6	2.1	13.5	307.8	314.0	2.0	17.2	4.8	356.
8.3	29.4	2571.9	750.0	11.5	-19.9	189.7	13.6	2.3	13.4	309.2	312.5	1.1	9.3	5.5	358.
9.3	32.2	2853.9	725.0	10.4	-35.9	189.1	14.8	2.3	14.6	310.9	311.8	0.3	2.4	6.3	359.
10.2	35.0	3146.1	700.0	12.3	-42.4	190.5	16.2	3.0	15.9	316.1	316.6	0.1	1.0	7.1	0.
11.3	37.8	3449.2	675.0	10.1	-36.3	188.2	16.6	2.4	16.4	317.0	317.8	0.2	2.2	8.2	2.
12.3	40.6	3761.2	650.0	7.8	-25.7	189.3	15.8	2.5	15.6	317.8	320.3	0.8	7.5	9.3	2.
13.5	43.6	4082.8	625.0	5.6	-23.3	199.1	15.1	4.9	14.3	319.0	322.1	0.9	10.2	10.3	3.
14.6	46.7	4415.1	600.0	4.2	-47.4	219.6	11.8	7.5	9.1	320.9	321.3	0.1	1.0	11.2	5.
15.7	49.9	4759.3	575.0	1.3	-29.1	243.2	9.8	8.7	4.4	321.6	323.6	0.6	8.1	11.6	8.
17.1	53.0	5114.8	550.0	-2.0	-23.4	243.7	9.8	8.8	4.3	321.8	325.3	1.0	17.5	12.0	11.
18.3	56.0	5482.2	525.0	-5.1	-22.7	241.9	7.9	7.0	3.7	322.4	326.3	1.2	23.6	12.5	14.
19.6	59.6	5863.0	500.0	-8.6	-25.5	237.2	6.8	5.7	3.7	322.6	325.8	1.0	24.0	12.8	15.
21.0	63.1	6258.2	475.0	-11.9	-32.4	227.2	9.6	7.0	6.5	323.2	325.1	0.5	16.3	13.4	17.
22.4	66.6	6670.1	450.0	-14.3	-46.4	231.7	12.7	9.9	7.9	325.2	325.8	0.1	5.2	14.2	19.
23.8	70.3	7100.9	425.0	-17.6	-41.2	240.3	14.3	12.4	7.1	326.3	327.2	0.2	10.7	15.2	22.
25.6	74.0	7551.4	400.0	-20.7	-40.9	237.3	15.1	12.7	8.2	328.0	329.0	0.3	14.3	16.4	25.
27.5	78.2	8024.4	375.0	-24.9	-40.0	237.1	15.8	13.2	8.6	328.6	329.8	0.3	22.8	17.8	28.
29.6	82.2	8523.1	350.0	-28.2	-44.0	234.9	17.5	14.4	10.1	330.6	331.4	0.2	20.3	19.8	31.
31.8	86.3	9050.5	325.0	-32.0	-44.1	240.4	18.4	16.0	9.1	332.5	333.4	0.2	28.6	21.9	34.
34.2	91.0	9610.7	300.0	-36.2	-49.3	246.0	19.6	17.9	8.0	334.3	334.8	0.1	24.3	24.3	37.
36.5	95.7	10206.3	275.0	-40.9	99.9	252.8	20.1	19.2	5.9	336.0	999.9	99.9	999.9	26.7	40.
38.9	100.5	10849.5	250.0	-46.3	99.9	251.6	21.2	20.2	6.7	337.2	999.9	99.9	999.9	29.3	43.
41.9	105.8	11541.1	225.0	-51.5	99.9	259.3	19.5	19.2	3.6	339.7	999.9	99.9	999.9	32.4	46.
45.0	111.4	12296.4	200.0	-56.7	99.9	261.3	30.0	29.7	4.6	342.9	999.9	99.9	999.9	36.2	51.
48.1	117.3	13131.0	175.0	-62.7	99.9	276.5	36.0	35.8	-4.1	346.4	999.9	99.9	999.9	41.2	56.
52.3	123.8	14062.9	150.0	-70.0	99.9	273.4	44.9	44.8	-2.6	349.5	999.9	99.9	999.9	50.0	64.
56.7	130.5	15137.9	125.0	-71.2	99.9	264.9	20.7	20.7	1.9	366.0	999.9	99.9	999.9	58.1	67.
62.7	137.7	16449.4	100.0	-72.5	99.9	251.7	12.7	12.0	4.0	387.7	999.9	99.9	999.9	64.6	68.
71.2	144.7	18154.5	75.0	-69.7	99.9	243.5	9.4	8.4	4.2	426.9	999.9	99.9	999.9	69.3	68.
83.4	152.0	20609.3	50.0	-63.3	99.9	56.5	9.8	-8.2	-5.4	494.3	999.9	99.9	999.9	68.6	68.
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

28 APRIL 1975
215 GMT

158 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	7.0	1007.2	25.0	22.3	160.0	9.3	-3.2	8.7	299.9	344.8	17.1	85.0	0.0	0.
0.3	5.0	70.3	1000.0	24.7	23.2	139.3	14.5	-9.5	11.0	300.3	348.2	18.3	91.6	0.3	346.
1.1	6.6	293.1	975.0	23.1	22.7	153.1	16.2	-7.3	14.4	300.9	348.7	18.2	97.7	0.8	333.
1.9	8.6	520.5	950.0	22.2	21.6	162.3	16.1	-4.9	15.3	302.0	347.9	17.4	96.4	1.7	336.
2.7	10.5	753.7	925.0	22.9	17.8	164.8	13.7	-3.6	13.2	304.7	342.8	14.1	73.6	2.4	338.
3.6	12.4	993.6	900.0	23.9	15.5	168.4	14.5	-2.9	14.2	307.8	342.0	12.4	59.3	3.1	340.
4.5	14.5	1240.0	875.0	22.4	14.9	167.9	15.4	-3.2	15.1	308.8	342.7	12.3	62.3	3.9	342.
5.5	16.4	1491.8	850.0	20.2	13.6	170.7	15.1	-2.5	14.9	308.9	341.4	11.7	66.5	4.8	343.
6.4	18.5	1749.3	825.0	18.8	9.6	173.5	14.7	-1.7	14.6	309.7	335.5	9.1	55.0	5.6	345.
7.3	20.6	2012.9	800.0	17.1	5.5	184.4	12.2	0.9	12.2	310.4	330.8	7.1	46.5	6.4	346.
8.3	22.7	2283.4	775.0	15.8	4.7	195.8	8.4	2.3	8.1	311.7	331.8	7.0	47.9	6.8	349.
9.2	25.0	2560.9	750.0	15.1	-5.2	197.3	5.6	1.7	5.3	313.4	323.9	3.5	24.1	7.2	350.
10.3	27.2	2847.9	725.0	14.9	-12.2	200.8	4.2	1.5	3.9	316.1	322.6	2.1	14.2	7.4	351.
11.2	29.5	3143.4	700.0	13.0	-9.9	221.1	3.9	2.6	2.9	317.2	325.2	2.6	19.3	7.7	352.
12.4	31.9	3447.4	675.0	10.5	-3.8	268.4	3.4	3.4	0.1	317.9	331.0	4.3	36.6	7.7	354.
13.5	34.4	3760.5	650.0	8.1	-4.7	303.9	2.8	2.3	-1.6	318.7	331.4	4.2	40.2	7.6	355.
14.6	36.7	4083.0	625.0	5.4	-2.7	279.5	2.2	2.2	-0.4	319.2	334.5	5.0	55.9	7.5	356.
15.8	39.3	4415.2	600.0	2.8	-6.3	262.6	4.4	4.4	0.6	319.8	332.1	4.0	51.3	7.5	358.
17.0	41.8	4757.9	575.0	-0.3	-16.2	258.6	5.7	5.6	1.1	319.9	326.3	2.0	30.8	7.6	1.
18.3	44.5	5111.8	550.0	-2.8	-31.5	241.2	6.8	6.0	3.3	320.8	322.5	0.5	8.7	7.7	4.
19.6	47.3	5478.6	525.0	-5.5	-33.0	230.6	9.1	7.0	5.8	321.9	323.5	0.4	9.2	8.2	7.
20.9	50.2	5859.4	500.0	-8.2	-33.7	229.2	9.4	7.1	6.1	323.0	324.5	0.4	10.7	8.7	11.
22.1	52.9	6254.6	475.0	-12.1	-21.7	223.0	8.7	5.9	6.3	323.1	327.9	1.5	46.2	9.3	13.
23.4	55.9	6666.3	450.0	-14.9	-28.5	220.8	10.3	6.7	7.8	324.5	327.3	0.8	30.3	9.9	15.
24.9	59.0	7096.4	425.0	-17.7	-36.3	225.8	11.2	8.0	7.8	326.3	327.7	0.4	17.7	10.8	17.
26.4	62.4	7547.1	400.0	-21.4	-45.1	225.7	11.4	8.2	8.0	327.1	327.8	0.2	9.7	11.7	20.
28.1	65.7	8020.6	375.0	-24.0	-45.7	228.5	14.1	10.6	9.3	329.8	330.4	0.2	11.4	12.8	22.
29.8	69.3	8520.7	350.0	-27.5	-44.9	234.6	17.1	14.0	9.9	331.6	332.3	0.2	17.8	14.2	25.
31.5	72.9	9049.3	325.0	-31.6	-47.6	237.6	20.9	17.6	11.2	333.1	333.7	0.2	18.8	16.0	29.
33.4	76.8	9611.8	300.0	-35.5	-45.3	241.3	23.1	20.3	11.1	335.3	336.1	0.2	35.3	18.1	33.
35.4	80.9	10211.1	275.0	-40.1	99.9	241.9	24.3	21.4	11.5	337.1	999.9	99.9	999.9	20.7	37.
37.7	85.3	10854.6	250.0	-45.0	99.9	247.2	26.9	24.8	10.4	339.2	999.9	99.9	999.9	23.7	41.
40.2	89.8	11552.1	225.0	-49.5	99.9	254.3	27.8	26.8	7.5	342.7	999.9	99.9	999.9	27.4	45.
42.8	95.0	12312.0	200.0	-56.0	99.9	256.9	31.1	30.3	7.0	344.1	999.9	99.9	999.9	31.3	50.
45.5	100.4	13146.7	175.0	-63.7	99.9	264.2	33.4	33.2	3.4	344.9	999.9	99.9	999.9	35.9	54.
48.5	106.5	14074.5	150.0	-71.5	99.9	267.7	37.5	37.5	1.5	347.0	999.9	99.9	999.9	41.5	59.
51.8	113.3	15143.7	125.0	-72.6	99.9	256.3	24.1	23.4	5.7	363.6	999.9	99.9	999.9	46.1	61.
56.0	121.3	16447.7	100.0	-74.9	99.9	242.3	15.5	13.7	7.2	383.1	999.9	99.9	999.9	51.1	62.
61.3	131.0	18112.3	75.0	-73.4	99.9	230.0	7.4	5.6	4.7	419.0	999.9	99.9	999.9	55.3	62.
69.5	142.5	20557.5	50.0	-62.2	99.9	61.1	3.8	-3.4	-1.9	496.9	999.9	99.9	999.9	53.7	60.
83.6	155.5	24939.1	25.0	-54.0	99.9	87.1	5.8	-5.8	-0.3	629.6	999.9	99.9	999.9	52.7	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. 255
VICTORIA, TEX

28 APRIL 1975
215 GMT

140 69. 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	4.4	33.0	1004.5	24.8	22.3	160.0	8.2	-2.8	7.7	299.9	344.9	17.2	86.0	0.0	0.
0.1	4.8	72.6	1000.0	24.2	22.6	155.0	11.9	-5.0	10.7	299.8	345.9	17.6	90.9	0.3	342.
0.7	6.7	294.9	975.0	22.7	21.9	154.3	14.8	-6.4	13.4	300.3	345.6	17.2	94.9	0.7	330.
1.3	8.8	521.9	950.0	21.7	20.9	159.5	15.9	-5.6	14.9	301.4	345.6	16.7	95.6	1.3	333.
2.0	10.9	753.9	925.0	20.3	19.6	167.9	15.9	-3.3	15.6	302.2	344.1	15.7	95.5	1.9	337.
2.7	13.1	991.0	900.0	19.1	18.3	171.1	14.7	-2.3	14.5	303.2	343.2	15.0	95.4	2.6	340.
3.6	15.4	1233.1	875.0	17.3	7.1	172.9	14.8	-1.8	14.7	302.8	324.1	7.8	57.4	3.3	343.
4.4	17.5	1481.6	850.0	18.9	-1.7	171.9	17.3	-2.4	17.1	305.5	318.1	4.0	24.8	4.0	345.
5.1	20.0	1736.8	825.0	17.0	-0.0	174.7	15.3	-1.4	15.3	307.2	320.7	4.6	31.4	4.8	346.
5.9	22.2	1998.9	800.0	16.5	-6.7	189.4	15.3	2.5	15.1	309.1	317.8	2.9	19.8	5.5	348.
6.7	24.7	2268.1	775.0	15.0	-2.7	194.5	10.9	2.7	10.6	310.5	322.8	4.1	29.9	6.1	351.
7.6	27.0	2545.0	750.0	15.0	-40.7	206.9	7.7	3.5	6.8	312.9	313.4	0.1	1.0	6.4	352.
8.5	29.5	2831.7	725.0	15.1	-40.7	209.9	9.1	4.5	7.9	316.0	316.6	0.1	1.0	6.8	355.
9.3	32.1	3126.9	700.0	13.1	-40.8	211.4	9.4	4.9	8.0	317.0	317.6	0.2	1.2	7.2	357.
10.2	34.8	3430.8	675.0	11.0	-43.2	223.1	7.4	5.1	5.4	318.0	318.4	0.1	1.0	7.6	359.
11.3	37.4	3743.8	650.0	8.6	-15.5	249.0	8.2	7.6	2.9	318.9	324.5	1.8	16.5	7.8	1.
12.2	40.1	4066.4	625.0	6.2	-17.1	251.5	11.7	11.1	3.7	319.8	324.9	1.6	16.8	8.0	6.
13.3	42.8	4399.0	600.0	3.0	-12.9	249.5	12.2	11.4	4.3	319.9	327.5	2.4	30.0	8.4	11.
14.5	45.8	4741.9	575.0	-0.1	-11.2	239.4	14.3	12.3	7.3	320.2	329.1	2.8	42.8	8.9	15.
15.6	48.8	5096.3	550.0	-2.8	-11.0	229.9	15.2	11.7	9.8	321.1	330.5	3.0	53.1	9.8	19.
16.5	51.6	5463.4	525.0	-5.7	-11.2	224.3	14.2	9.9	10.2	321.9	331.7	3.1	65.1	10.5	21.
17.6	54.8	5843.8	500.0	-8.9	-14.7	224.0	16.3	11.3	11.7	322.5	330.3	2.4	62.9	11.4	23.
18.8	57.7	6239.3	475.0	-12.1	-13.9	230.8	16.0	12.4	10.1	323.4	332.1	2.7	85.9	12.5	25.
20.0	61.1	6650.7	450.0	-15.4	-24.6	235.9	18.5	15.3	10.4	324.0	328.1	1.2	48.0	13.5	28.
21.3	64.6	7080.3	425.0	-18.3	-35.6	234.2	18.8	15.3	11.0	325.5	327.1	0.4	20.2	14.9	30.
22.6	68.0	7529.7	400.0	-21.8	-31.3	225.6	19.6	14.0	13.7	326.6	329.1	0.7	41.8	16.3	32.
24.1	71.5	8001.9	375.0	-24.8	-42.4	226.3	18.4	13.3	12.7	328.7	330.2	0.4	28.7	17.9	33.
25.6	75.3	8499.8	350.0	-28.7	-46.9	224.8	21.2	14.9	15.1	330.0	330.6	0.2	15.4	19.6	34.
27.3	79.5	9027.0	325.0	-31.9	-70.4	229.6	24.7	18.8	16.0	332.6	332.7	0.0	1.0	21.9	36.
29.1	83.7	9587.6	300.0	-36.5	-52.1	235.3	25.9	21.3	14.8	333.9	334.3	0.1	20.2	24.5	38.
30.9	88.0	10185.1	275.0	-40.8	99.9	238.0	29.3	24.9	15.6	336.2	999.9	99.9	999.9	27.6	40.
32.9	92.8	10827.8	250.0	-45.2	99.9	244.8	28.1	25.4	11.9	338.9	999.9	99.9	999.9	30.7	42.
35.1	97.6	11524.8	225.0	-49.9	99.9	243.3	32.6	29.1	14.7	342.0	999.9	99.9	999.9	34.7	45.
37.6	103.0	12284.2	200.0	-55.7	99.9	253.9	38.9	37.4	10.8	344.6	999.9	99.9	999.9	39.4	48.
40.5	109.0	13120.9	175.0	-62.5	99.9	259.8	46.1	45.4	8.2	346.7	999.9	99.9	999.9	46.2	52.
43.7	115.5	14056.3	150.0	-69.8	99.9	259.5	48.8	48.0	8.9	349.9	999.9	99.9	999.9	53.5	57.
46.9	123.0	15132.0	125.0	-70.1	99.9	258.0	29.7	29.1	6.2	368.0	999.9	99.9	999.9	59.9	59.
51.7	131.5	16452.6	100.0	-73.2	99.9	233.3	21.0	16.8	12.5	386.3	999.9	99.9	999.9	66.2	60.
58.3	140.7	18137.8	75.0	-70.4	99.9	999.9	99.9	99.9	99.9	425.5	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

28 APRIL 1975
215 GMT

131 89. 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	9.8	399.0	961.5	23.9	17.9	180.0	5.2	0.0	5.2	302.2	338.5	13.6	69.0	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	10.8	504.6	950.0	23.7	17.5	181.9	15.3	0.5	15.3	303.0	339.0	13.4	68.4	0.3	359.
1.2	13.2	737.8	925.0	22.4	16.9	184.3	15.7	1.2	15.7	304.1	339.9	13.3	71.1	0.9	1.
2.0	15.5	976.1	900.0	20.3	16.6	192.4	17.9	3.8	17.5	304.2	340.3	13.4	79.5	1.8	4.
2.9	17.9	1219.2	875.0	18.5	16.5	202.8	17.9	6.9	16.5	304.9	341.9	13.7	88.2	2.7	9.
3.8	20.4	1468.4	850.0	17.1	15.1	225.5	16.5	11.8	11.6	305.8	340.8	12.8	87.7	3.5	15.
4.5	22.8	1723.8	825.0	17.4	7.3	248.0	13.9	12.9	5.2	308.0	330.3	7.9	52.0	4.1	22.
5.3	25.3	1986.5	800.0	17.3	-14.5	260.4	11.8	11.6	2.0	309.9	316.1	2.0	13.3	4.5	28.
6.2	27.7	2256.6	775.0	16.5	-25.9	265.8	10.5	10.4	0.8	311.6	313.6	0.6	3.9	4.8	33.
7.1	30.3	2533.8	750.0	14.3	-22.3	262.7	10.0	9.9	1.3	312.2	314.9	0.8	6.3	5.2	38.
8.1	33.1	2818.0	725.0	11.5	-8.8	260.2	9.8	9.6	1.7	312.5	320.8	2.7	23.1	5.7	42.
9.1	35.7	3109.8	700.0	8.8	-4.2	261.4	11.0	10.9	1.6	312.7	324.7	4.0	39.6	6.1	46.
10.2	38.4	3409.4	675.0	6.1	-7.5	257.0	11.3	11.0	2.5	312.9	322.7	3.2	36.7	6.8	50.
11.2	41.1	3717.5	650.0	4.2	-16.0	245.2	11.9	10.8	5.0	313.9	319.3	1.7	21.3	7.4	51.
12.4	44.0	4035.0	625.0	1.8	-16.5	234.9	11.9	9.7	6.8	314.7	320.0	1.7	24.3	8.3	52.
13.5	47.0	4362.0	600.0	-1.3	-16.2	225.9	15.5	11.1	10.8	314.8	320.5	1.8	31.0	9.0	52.
14.5	50.0	4700.1	575.0	-3.0	-25.3	225.5	20.9	14.9	14.7	316.5	319.3	0.8	15.9	10.2	51.
15.6	53.0	5050.5	550.0	-5.3	-28.9	224.7	24.4	17.2	17.3	317.8	320.0	0.6	13.6	11.7	51.
16.9	56.0	5414.5	525.0	-7.4	-33.1	217.2	27.9	16.9	22.2	319.5	321.1	0.4	10.6	13.7	49.
18.1	59.3	5792.2	500.0	-10.5	-31.8	215.1	29.4	16.9	24.0	320.3	322.2	0.5	15.8	15.8	47.
19.4	62.7	6184.7	475.0	-13.7	-35.8	213.8	32.4	18.1	26.9	321.0	322.3	0.4	13.9	18.0	46.
20.8	66.0	6592.8	450.0	-17.2	-18.5	213.2	36.5	20.0	30.6	321.8	328.2	2.0	89.4	21.0	44.
22.1	69.6	7019.6	425.0	-20.2	99.9	211.7	34.8	18.3	29.7	323.1	999.9	99.9	999.9	23.7	43.
23.5	73.0	7465.8	400.0	-23.5	99.9	207.5	34.0	15.7	30.1	324.5	999.9	99.9	999.9	26.7	41.
24.9	76.9	7934.7	375.0	-26.9	-27.5	209.9	36.0	17.9	31.2	326.1	329.7	1.1	94.1	29.5	40.
26.4	80.8	8429.1	350.0	-30.4	-31.1	221.9	37.1	24.8	27.6	327.7	330.5	0.8	93.3	32.8	39.
27.9	84.8	8951.5	325.0	-34.5	-35.7	222.0	36.1	24.2	26.8	329.1	331.0	0.6	89.4	35.7	40.
29.6	89.0	9505.6	300.0	-39.5	-41.2	226.1	34.9	25.2	24.2	329.6	330.8	0.3	83.9	39.8	40.
31.4	93.5	10095.0	275.0	-44.3	99.9	227.6	41.2	30.5	27.8	331.1	999.9	99.9	999.9	44.2	41.
33.6	98.0	10728.9	250.0	-47.5	99.9	234.6	43.9	35.8	25.4	335.5	999.9	99.9	999.9	49.3	42.
35.9	103.0	11415.9	225.0	-53.7	99.9	234.5	50.9	41.5	29.6	336.3	999.9	99.9	999.9	54.1	44.
38.6	108.5	12163.0	200.0	-59.6	99.9	236.5	51.9	44.3	27.1	338.4	999.9	99.9	999.9	62.4	45.
41.8	114.3	12988.2	175.0	-63.2	99.9	242.0	50.3*	44.4	23.6	345.6	999.9	99.9	999.9	71.9	47.
45.7	120.7	13938.0	150.0	-63.6	99.9	234.5	31.8*	25.9	18.5	360.5	999.9	99.9	999.9	81.1	49.
49.1	127.7	15051.1	125.0	-65.3	99.9	232.0	18.5*	14.6	11.4	376.8	999.9	99.9	999.9	85.7	49.
54.6	135.7	16402.4	100.0	-69.0	99.9	230.8	17.5*	13.6	11.1	394.5	999.9	99.9	999.9	92.4	49.
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. 261
DEL RIO, TEX

28 APRIL 1975
215 GMT

161 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 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	968.1	28.3	18.7	90.0	5.1	-5.1	0.0	306.2	344.7	14.2	56.0	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	10.8	482.3	950.0	28.3	18.8	113.5	9.3	-8.5	3.7	307.9	347.6	14.5	56.4	0.4	286.
1.7	13.3	719.1	925.0	26.5	17.4	125.1	10.6	-8.6	6.1	308.3	345.9	13.7	57.5	0.9	293.
2.6	15.7	960.9	900.0	24.8	16.3	141.4	10.5	-6.5	8.2	308.9	345.0	13.1	59.2	1.4	302.
3.6	18.2	1207.6	875.0	22.7	14.0	144.1	10.2	-6.0	8.3	309.0	341.5	11.7	58.5	2.0	308.
4.5	20.7	1459.5	850.0	21.6	9.9	154.5	7.2	-3.1	6.5	310.1	335.7	9.1	47.3	2.5	312.
5.6	23.2	1718.2	825.0	19.8	10.9	185.6	6.6	0.6	6.6	310.9	339.1	10.0	56.4	2.8	317.
6.6	25.8	1983.2	800.0	18.4	10.0	235.4	3.4	2.8	1.9	312.0	339.6	9.7	58.3	3.0	323.
7.6	28.5	2254.7	775.0	16.4	6.3	255.7	2.9	2.8	0.7	312.5	334.9	7.8	51.1	2.9	326.
8.5	31.3	2533.2	750.0	14.3	4.1	248.1	3.6	3.3	1.3	313.0	332.9	6.9	50.3	2.9	329.
9.5	34.1	2818.7	725.0	12.7	0.0	249.6	6.0	5.6	2.1	314.1	329.7	5.3	41.8	2.8	334.
10.4	36.8	3112.2	700.0	10.6	-5.9	254.4	8.5	8.2	2.3	314.7	325.4	3.5	30.9	2.8	342.
11.5	39.8	3413.4	675.0	7.6	-8.4	260.0	11.1	10.9	1.9	314.6	323.8	3.0	31.1	2.8	355.
12.6	42.5	3722.9	650.0	5.0	-11.4	253.5	12.7	12.2	3.6	314.9	322.5	2.5	29.4	3.0	11.
13.8	45.6	4041.3	625.0	2.1	-12.2	241.1	14.4	12.6	6.9	315.1	322.6	2.4	33.8	3.6	23.
15.1	48.6	4369.3	600.0	-0.4	-14.0	231.4	17.5	13.6	10.9	316.0	322.7	2.2	34.6	4.7	31.
16.5	51.5	4708.0	575.0	-3.3	-15.4	234.1	18.6	15.0	10.9	316.3	322.6	2.0	38.6	6.2	36.
17.9	54.7	5057.7	550.0	-6.3	-16.9	238.9	20.1	17.2	10.4	316.8	322.7	1.9	42.8	7.7	40.
19.1	57.9	5419.9	525.0	-8.9	-23.1	240.6	21.8	19.0	10.7	317.8	321.5	1.1	30.4	9.1	43.
20.3	61.3	5795.5	500.0	-12.2	-21.2	239.8	23.4	20.2	11.7	318.3	322.9	1.4	47.4	10.7	46.
21.5	64.7	6185.4	475.0	-15.1	-25.9	237.9	24.4	20.6	12.9	319.3	322.5	1.0	39.3	12.4	48.
22.7	68.1	6592.4	450.0	-17.2	-38.7	237.6	24.6	20.8	13.2	321.6	322.6	0.3	13.3	14.2	49.
24.1	71.6	7018.7	425.0	-19.9	-40.7	239.9	26.2	22.7	13.2	323.4	324.3	0.3	13.6	16.2	50.
25.6	75.5	7466.1	400.0	-22.5	-28.6	239.9	31.3	27.1	15.7	325.8	328.9	0.9	57.5	18.8	52.
27.1	79.5	7937.0	375.0	-25.8	-29.9	231.5	33.7	26.3	21.0	327.5	330.4	0.8	68.2	21.7	52.
28.7	83.5	8433.6	350.0	-29.6	-35.9	225.6	34.0	24.3	23.8	328.6	330.6	0.5	54.0	25.0	52.
30.4	87.6	8957.5	325.0	-34.2	-39.4	223.7	34.3	23.7	24.8	329.4	330.8	0.4	58.8	28.5	51.
32.3	92.2	9511.6	300.0	-38.6	99.9	229.9	34.3	26.3	22.1	331.0	999.9	99.9	999.9	32.3	50.
34.3	96.6	10103.9	275.0	-42.7	99.9	236.6	39.3	32.8	21.6	333.4	999.9	99.9	999.9	36.5	51.
36.7	101.4	10742.3	250.0	-46.9	99.9	240.5	39.9	34.7	19.6	336.3	999.9	99.9	999.9	42.4	52.
39.3	106.8	11431.4	225.0	-51.8	99.9	236.5	50.6	42.2	27.9	339.2	999.9	99.9	999.9	48.9	53.
41.7	112.3	12187.7	200.0	-55.5	99.9	245.3	53.6	48.7	22.4	344.9	999.9	99.9	999.9	56.4	54.
44.5	118.0	13026.6	175.0	-62.0	99.9	246.5	54.5	50.1	21.8	347.6	999.9	99.9	999.9	66.0	56.
47.3	125.0	13961.6	150.0	-68.6	99.9	242.8	54.1*	48.1	24.7	351.9	999.9	99.9	999.9	75.2	57.
50.6	132.0	15053.0	125.0	-69.8	99.9	237.6	32.0*	27.1	17.2	368.7	999.9	99.9	999.9	82.1	57.
54.7	139.7	16385.7	100.0	-68.6	99.9	235.6	21.0*	17.3	11.9	395.1	999.9	99.9	999.9	89.6	58.
60.2	148.0	18085.5	75.0	-68.0	99.9	207.2	14.0	6.4	12.5	430.4	999.9	99.9	999.9	93.4	57.
67.9	157.5	20567.1	50.0	-61.7	99.9	102.8	2.9	-2.8	0.6	498.1	999.9	99.9	999.9	94.7	57.
81.5	168.0	24936.3	25.0	-54.3	99.9	999.9	99.9	99.9	99.9	628.4	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. 265
MIDLAND, TEX

28 APRIL 1975
246 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	873.0	910.3	18.2	-9.7	295.0	7.7	7.0	-3.3	299.6	305.5	2.0	14.0	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	13.3	971.0	900.0	20.6	4.1	999.9	99.9	99.9	99.9	303.5	319.7	5.7	33.8	999.9	999.
1.3	15.5	1213.7	875.0	19.0	2.7	999.9	99.9	99.9	99.9	304.2	319.3	5.3	33.8	999.9	999.
2.2	17.8	1461.3	850.0	16.5	0.6	289.4	16.0	15.1	-5.3	304.1	317.5	4.7	33.8	1.8	112.
3.2	20.2	1714.9	825.0	15.6	-0.3	280.1	19.1	18.8	-3.3	305.7	318.8	4.6	33.8	2.8	110.
4.1	22.5	1975.2	800.0	14.4	-1.3	267.2	23.4	23.4	1.1	307.1	319.7	4.3	33.8	3.9	105.
5.1	25.0	2243.2	775.0	14.0	-1.7	260.0	26.2	25.8	4.6	309.4	322.3	4.4	33.8	5.4	99.
6.1	27.3	2518.7	750.0	11.9	-3.5	258.8	27.3	26.8	5.3	310.1	321.7	3.9	33.8	7.0	94.
7.1	29.9	2801.6	725.0	10.3	-5.0	250.5	25.0	23.6	8.3	311.2	322.1	3.6	33.8	8.4	91.
8.1	32.7	3092.1	700.0	7.3	-7.6	247.6	24.8	22.9	9.4	311.0	320.3	3.1	33.8	9.8	88.
9.1	35.3	3390.0	675.0	4.8	-7.9	240.5	23.4	20.4	11.5	311.5	320.9	3.1	39.1	11.2	85.
10.2	38.0	3696.4	650.0	2.2	-8.2	228.1	21.4	16.0	14.3	311.9	321.4	3.2	45.8	12.5	81.
11.2	40.6	4011.9	625.0	-0.7	-10.3	219.8	21.0	13.5	16.1	312.0	320.5	2.8	48.2	13.4	78.
12.3	43.5	4336.6	600.0	-3.3	-11.4	210.1	22.2	11.1	19.2	312.6	320.7	2.7	53.6	14.6	74.
13.6	46.5	4671.7	575.0	-6.1	-13.9	209.8	24.9	12.4	21.6	313.1	320.1	2.3	54.0	15.8	69.
14.8	49.6	5017.8	550.0	-9.4	-16.1	218.0	26.2	16.1	20.6	313.1	319.3	2.0	58.1	17.4	66.
16.0	52.4	5375.3	525.0	-12.6	-18.3	219.1	27.0	17.0	20.9	313.4	318.8	1.7	62.5	19.1	63.
17.4	55.6	5745.6	500.0	-15.9	-22.5	228.2	30.0	22.4	20.0	313.8	317.9	1.3	56.6	21.3	61.
18.9	58.9	6129.8	475.0	-19.2	-31.9	237.2	33.0	27.8	17.9	314.2	316.1	0.6	31.4	24.2	60.
20.5	62.3	6531.3	450.0	-19.8	-34.9	239.1	36.1	30.9	18.5	318.3	319.8	0.4	24.5	27.3	60.
22.0	65.7	6954.1	425.0	-22.1	-36.9	238.9	37.2	31.8	19.2	320.6	321.9	0.4	24.6	30.9	60.
23.6	69.3	7397.1	400.0	-25.1	-39.4	238.1	34.5	29.3	18.2	322.3	323.4	0.3	24.8	34.4	60.
25.7	73.0	7862.5	375.0	-29.1	-42.8	240.3	40.0*	34.7	19.8	323.1	323.9	0.2	25.0	39.1	60.
27.8	76.9	8353.3	350.0	-31.8	-45.1	238.1	37.3*	31.6	19.7	325.8	326.5	0.2	25.1	44.6	60.
29.7	80.9	8872.2	325.0	-36.1	-48.8	233.6	34.9*	28.1	20.7	326.8	327.4	0.1	25.3	48.6	59.
31.6	85.3	9422.3	300.0	-40.9	99.9	235.7	45.4*	37.5	25.6	327.7	999.9	99.9	999.9	52.8	59.
33.7	89.8	10008.8	275.0	-45.1	99.9	233.9	39.8*	32.2	23.5	329.9	999.9	99.9	999.9	57.9	59.
36.3	94.6	10639.4	250.0	-49.3	99.9	236.4	43.8*	36.5	24.2	332.8	999.9	99.9	999.9	65.0	58.
39.1	99.8	11321.4	225.0	-54.7	99.9	235.8	44.9*	37.1	25.3	334.7	999.9	99.9	999.9	71.6	58.
41.8	105.3	12069.6	200.0	-58.6	99.9	236.2	38.4*	31.9	21.4	339.9	999.9	99.9	999.9	80.0	58.
45.1	111.3	12904.4	175.0	-60.8	99.9	240.8	51.7*	45.1	25.2	349.6	999.9	99.9	999.9	89.2	58.
48.8	117.8	13864.4	150.0	-60.4	99.9	238.2	31.4*	26.7	16.5	366.0	999.9	99.9	999.9	98.0	58.
53.1	125.3	14996.2	125.0	-62.0	99.9	243.9	27.1**	24.3	11.9	382.8	999.9	99.9	999.9	107.3	58.
58.0	133.7	16367.7	100.0	-64.9	99.9	236.4	33.4*	27.8	18.5	402.4	999.9	99.9	999.9	115.7	58.
63.6	142.0	18105.0	75.0	-64.4	99.9	198.7	7.4*	2.4	7.0	437.8	999.9	99.9	999.9	120.0	57.
72.7	151.5	20613.8	50.0	-59.7	99.9	35.7	7.0*	-4.1	-5.7	502.9	999.9	99.9	999.9	119.5	57.
86.7	161.0	25015.2	25.0	-53.7	99.9	151.3	1.6	-0.8	1.4	630.3	999.9	99.9	999.9	117.6	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. 270
EL PASO, TEX

28 APRIL 1975
300 GMT

146 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	1193.0	880.1	14.8	-12.4	360.0	7.2	0.0	-7.2	298.9	303.9	1.7	14.0	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	15.3	1242.3	875.0	14.5	-12.2	999.9	99.9	99.9	99.9	299.1	304.2	1.7	14.5	999.9	999.
0.7	17.2	1486.0	850.0	12.7	-12.3	999.9	99.9	99.9	99.9	299.7	304.9	1.8	16.2	999.9	999.
1.6	19.3	1735.3	825.0	10.5	-13.1	999.9	99.9	99.9	99.9	299.9	305.0	1.7	17.6	999.9	999.
2.4	21.3	1990.2	800.0	8.2	-14.0	999.9	99.9	99.9	99.9	300.1	305.0	1.6	18.9	999.9	999.
4.1	23.5	2251.3	775.0	6.5	-14.4	269.1	16.1	16.1	0.2	301.0	305.9	1.6	20.7	2.8	117.
5.8	25.7	2519.9	750.0	6.0	-17.0	271.3	17.4	17.4	-0.4	303.2	307.3	1.3	17.2	4.4	105.
6.9	28.1	2796.9	725.0	5.6	-17.3	278.2	16.5	16.4	-2.4	305.8	310.0	1.4	17.2	5.5	103.
7.8	30.5	3083.2	700.0	4.3	-18.1	269.9	15.3	15.3	0.0	307.5	311.5	1.3	17.6	6.4	102.
8.7	32.9	3377.6	675.0	1.9	-19.9	261.2	15.5	15.3	2.4	307.9	311.5	1.2	18.0	7.1	100.
9.4	35.4	3680.4	650.0	-1.0	-23.9	256.7	15.9	15.5	3.7	308.0	310.7	0.8	15.5	7.8	98.
10.2	37.8	3991.4	625.0	-3.8	-26.8	255.6	16.7	16.1	4.1	308.2	310.4	0.7	14.8	8.5	96.
11.0	40.4	4312.1	600.0	-6.4	-29.9	255.1	18.7	18.1	4.8	308.7	310.5	0.5	13.3	9.2	94.
11.8	42.9	4642.8	575.0	-9.3	-32.1	254.8	19.9	19.2	5.2	309.2	310.7	0.4	13.6	10.1	92.
12.9	45.6	4985.2	550.0	-11.5	-33.7	265.2	19.3	19.3	1.6	310.5	311.9	0.4	13.8	11.4	91.
14.3	48.4	5340.7	525.0	-13.1	-35.0	277.5	17.9	17.8	-2.3	312.6	313.9	0.4	13.9	13.0	91.
16.0	51.1	5711.0	500.0	-15.1	-36.5	277.7	17.7	17.6	-2.4	314.6	315.8	0.3	14.1	14.7	92.
17.6	54.3	6097.4	475.0	-17.2	-38.1	276.7	19.6	19.5	-2.3	316.7	317.7	0.3	14.2	16.4	93.
18.8	57.3	6501.0	450.0	-19.7	-40.0	270.1	20.9	20.9	-0.0	318.4	319.3	0.3	14.5	18.0	93.
20.0	60.6	6922.4	425.0	-23.1	-42.6	259.9	20.8	20.5	3.7	319.3	320.0	0.2	14.7	19.5	92.
21.4	64.0	7363.3	400.0	-26.1	-44.9	254.6	22.7	21.9	6.0	321.0	321.7	0.2	15.0	21.2	91.
22.9	67.3	7826.8	375.0	-30.1	-48.1	253.6	24.5	23.5	6.9	321.7	322.2	0.1	15.3	23.3	89.
24.9	70.9	8314.3	350.0	-33.6	-50.8	253.1	23.6	22.6	6.8	323.4	323.8	0.1	15.6	26.3	87.
26.9	74.7	8829.6	325.0	-37.7	-54.1	243.8	23.3	20.9	10.3	324.6	324.9	0.1	16.0	28.8	86.
28.5	78.8	9376.4	300.0	-41.8	99.9	242.7	27.9	24.8	12.8	326.5	999.9	99.9	999.9	31.3	84.
30.6	83.0	9959.6	275.0	-46.1	99.9	241.1	25.0	21.9	12.1	328.5	999.9	99.9	999.9	34.5	82.
33.2	87.6	10585.0	250.0	-51.7	99.9	240.0	29.5	25.6	14.8	329.3	999.9	99.9	999.9	38.1	80.
35.7	92.6	11263.1	225.0	-55.0	99.9	240.2	34.2	29.7	17.0	334.3	999.9	99.9	999.9	42.4	78.
37.8	97.8	12008.9	200.0	-59.7	99.9	235.7	35.5	29.4	20.0	338.2	999.9	99.9	999.9	46.6	76.
40.8	103.5	12835.3	175.0	-63.6	99.9	239.8	38.2	33.0	19.2	345.0	999.9	99.9	999.9	53.3	73.
44.9	110.0	13785.1	150.0	-62.3	99.9	249.0	31.5	29.4	11.3	362.8	999.9	99.9	999.9	62.3	72.
50.2	117.0	14915.4	125.0	-59.3	99.9	242.1	24.0	21.2	11.2	387.6	999.9	99.9	999.9	72.4	71.
55.3	125.3	16294.2	100.0	-63.0	99.9	240.5	18.2	15.9	9.0	406.0	999.9	99.9	999.9	78.7	70.
61.9	135.0	18057.8	75.0	-64.3	99.9	240.7	9.4	8.2	4.6	438.0	999.9	99.9	999.9	84.3	69.
70.8	145.0	20566.3	50.0	-59.5	99.9	93.7	4.6	-4.5	0.3	503.3	999.9	99.9	999.9	84.2	69.
85.1	156.0	24973.1	25.0	-52.1	99.9	133.8	2.4	-1.7	1.7	634.9	999.9	99.9	999.9	82.8	68.

* 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

28 APRIL 1975
215 GMT

158 32. 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	5.2	180.0	993.0	22.8	17.0	180.0	3.6	0.0	3.6	298.2	331.1	12.4	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.
0.6	6.5	341.0	975.0	25.9	18.5	209.2	10.0	4.9	8.7	303.1	340.4	13.9	63.9	0.4	18.
1.6	8.7	569.9	950.0	24.4	16.9	215.8	10.7	6.3	8.7	303.8	338.7	12.9	63.0	0.9	26.
2.4	10.8	803.4	925.0	22.4	15.4	222.9	10.4	7.1	7.6	303.9	336.4	12.0	64.4	1.5	31.
3.3	13.0	1041.4	900.0	20.6	14.7	235.8	9.2	7.6	5.2	304.3	336.4	11.8	69.2	2.0	36.
4.2	15.2	1284.5	875.0	18.3	13.6	243.0	8.6	7.6	3.9	304.3	335.1	11.3	74.3	2.4	41.
5.2	17.4	1532.4	850.0	16.0	10.7	254.1	7.3	7.0	2.0	304.2	330.6	9.6	70.8	2.8	45.
6.2	19.8	1785.8	825.0	14.1	6.8	248.3	7.8	7.2	2.9	304.5	325.6	7.6	61.5	3.3	49.
7.2	22.0	2044.9	800.0	12.6	4.3	244.5	6.9	6.2	3.0	305.4	323.8	6.5	57.0	3.7	51.
8.2	24.5	2310.8	775.0	10.4	4.5	240.7	6.1	5.3	3.0	305.9	325.1	6.8	66.7	4.0	52.
9.1	26.8	2583.2	750.0	8.3	2.3	243.1	6.5	5.8	2.9	306.4	323.6	6.1	66.0	4.4	52.
10.1	29.4	2863.0	725.0	7.3	-2.8	254.7	7.7	7.4	2.0	308.1	320.6	4.3	48.5	4.8	54.
11.0	32.0	3152.0	700.0	7.6	-9.0	263.5	8.2	8.1	0.9	311.2	319.6	2.8	29.7	5.2	56.
12.1	34.8	3450.7	675.0	5.9	-9.9	267.3	8.7	8.6	0.4	312.6	320.8	2.7	31.0	5.7	59.
13.2	37.3	3758.5	650.0	3.7	-11.5	274.4	10.7	10.7	-0.8	313.4	321.0	2.4	32.0	6.2	62.
14.3	40.1	4075.8	625.0	1.9	-12.5	281.3	11.7	11.4	-2.3	315.0	322.3	2.3	33.3	6.9	65.
15.5	42.9	4403.5	600.0	-0.6	-13.6	291.7	12.1	11.3	-4.5	315.7	322.7	2.2	36.7	7.5	70.
16.7	45.9	4742.3	575.0	-3.1	-9.5	296.7	14.0	12.5	-6.3	316.7	326.7	3.3	61.5	8.1	74.
17.9	48.9	5092.9	550.0	-5.7	-9.6	296.7	16.2	14.5	-7.3	317.7	328.1	3.4	74.1	9.0	79.
19.2	51.9	5456.0	525.0	-8.5	-9.1	298.0	18.1	16.0	-8.5	318.6	329.9	3.7	95.7	10.1	84.
20.7	55.1	5832.8	500.0	-11.3	-12.8	293.0	18.5	17.1	-7.2	319.6	328.5	2.9	88.5	11.5	88.
22.1	58.3	6224.4	475.0	-14.4	-17.6	293.0	18.9	17.4	-7.4	320.3	326.9	2.1	78.0	13.0	91.
23.6	61.9	6632.8	450.0	-16.9	-22.1	291.7	17.3	16.0	-6.4	322.1	326.8	1.4	63.8	14.5	94.
25.3	65.4	7059.4	425.0	-20.2	-23.0	289.7	15.7	14.8	-5.3	323.1	327.8	1.4	78.4	16.1	95.
27.1	69.0	7505.7	400.0	-23.4	-28.1	297.7	13.7	12.1	-6.4	324.6	327.8	0.9	65.1	17.7	97.
28.9	72.7	7974.9	375.0	-27.0	-29.9	293.2	14.6	13.4	-5.7	325.9	328.8	0.8	76.4	19.1	98.
30.8	76.8	8469.4	350.0	-30.0	-38.9	296.7	16.3	14.6	-7.3	328.3	329.6	0.4	41.2	20.8	100.
32.7	81.0	8993.0	325.0	-34.1	-42.4	291.3	16.5	15.4	-6.0	329.6	330.7	0.3	42.1	22.6	101.
34.7	85.5	9547.8	300.0	-39.2	99.9	284.5	17.0	16.4	-4.3	330.1	999.9	99.9	999.9	24.7	101.
37.0	90.2	10137.6	275.0	-43.8	99.9	289.3	17.2	16.2	-5.7	331.8	999.9	99.9	999.9	27.1	102.
39.5	95.3	10769.8	250.0	-49.8	99.9	288.7	18.0	17.1	-5.8	332.1	999.9	99.9	999.9	29.6	102.
42.1	100.6	11449.2	225.0	-56.0	99.9	285.7	24.4	23.5	-6.6	332.7	999.9	99.9	999.9	33.0	103.
45.0	106.5	12187.3	200.0	-62.3	99.9	292.7	28.4	26.2	-11.0	334.1	999.9	99.9	999.9	37.7	104.
48.5	113.0	12998.4	175.0	-69.0	99.9	285.6	32.2	31.0	-8.6	336.2	999.9	99.9	999.9	43.8	105.
52.1	120.0	13911.7	150.0	-68.5	99.9	298.6	23.4	20.5	-11.2	352.1	999.9	99.9	999.9	50.1	105.
57.0	128.0	15008.8	125.0	-66.5	99.9	304.6	22.7	18.7	-12.9	374.7	999.9	99.9	999.9	56.6	107.
62.3	136.7	16349.7	100.0	-67.3	99.9	331.0	15.6	7.5	-13.6	397.6	999.9	99.9	999.9	61.3	110.
65.6	145.0	18090.8	75.0	-64.7	99.9	351.5	8.2	1.2	-8.1	437.3	999.9	99.9	999.9	64.5	112.
81.2	155.0	20601.2	50.0	-60.2	99.9	69.4	9.7	-9.1	-3.4	501.6	999.9	99.9	999.9	61.1	116.
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

28 APRIL 1975
215 GMT

153 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
0.0	14.8	1095.0	884.6	13.2	-12.0	270.0	9.3	9.3	0.0	296.8	301.9	1.7	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.
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.
0.3	15.6	1186.8	875.0	13.1	-11.8	266.1	18.5	18.5	1.3	297.6	302.9	1.8	16.7	0.3	87.
1.1	17.9	1429.3	850.0	11.2	-11.5	264.6	18.9	18.8	1.8	298.2	303.6	1.9	19.0	1.0	86.
2.0	20.4	1677.6	825.0	9.5	-12.9	261.5	20.8	20.6	3.1	298.8	303.9	1.7	19.1	2.0	85.
2.9	22.8	1931.3	800.0	7.0	-14.9	257.6	20.6	20.1	4.4	298.8	303.3	1.5	19.2	3.2	83.
3.8	25.3	2191.0	775.0	4.6	-16.7	256.7	23.8	23.1	5.5	298.9	302.9	1.3	19.4	4.4	81.
5.0	27.7	2456.8	750.0	2.2	-18.1	254.6	25.4	24.5	6.8	299.1	302.9	1.2	20.5	6.2	80.
6.1	30.4	2729.3	725.0	-0.1	-18.9	254.7	29.7	28.6	7.8	299.5	303.1	1.2	22.7	7.9	79.
7.0	33.1	3008.7	700.0	-2.6	-20.2	255.8	27.4	26.6	6.7	299.7	303.1	1.1	24.3	9.6	78.
8.2	35.8	3296.0	675.0	-5.0	-23.8	258.9	29.7	29.2	5.7	300.1	302.7	0.8	21.3	11.8	78.
9.3	38.8	3590.8	650.0	-7.9	-26.5	263.6	27.9	27.8	3.1	300.1	302.2	0.7	20.6	13.5	78.
10.3	41.5	3894.4	625.0	-10.0	-30.4	264.2	30.2*	30.0	3.0	301.0	302.5	0.5	16.9	15.4	79.
11.5	44.6	4207.7	600.0	-12.2	-32.1	258.8	34.3*	33.6	6.7	302.0	303.4	0.4	17.1	17.5	79.
12.5	47.9	4532.4	575.0	-12.0	-32.5	250.2	33.5*	31.5	11.3	306.0	307.4	0.4	16.2	19.8	79.
13.9	50.9	4875.0	550.0	-9.9	-30.9	239.1	39.9*	34.2	20.5	312.4	314.1	0.5	15.9	22.6	77.
15.1	54.3	5231.9	525.0	-13.1	-33.4	230.1	34.5*	26.5	22.1	312.7	314.2	0.4	16.2	25.4	75.
16.2	57.5	5601.4	500.0	-16.4	-36.0	227.4	32.3*	23.7	21.9	313.0	314.2	0.3	16.4	27.2	73.
17.6	61.1	5984.1	475.0	-20.3	-38.0	228.1	34.9*	26.0	23.3	312.9	313.9	0.3	18.6	29.7	70.
18.8	64.7	6382.0	450.0	-23.6	-40.7	234.7	44.0*	35.9	25.5	313.6	314.4	0.2	18.9	32.3	69.
20.3	68.3	6797.2	425.0	-26.4	-43.3	233.4	44.7*	35.9	26.7	315.1	315.8	0.2	18.4	36.6	67.
21.8	72.2	7235.0	400.0	-27.5	-44.8	227.3	33.8*	24.9	22.9	319.2	319.8	0.2	17.3	39.8	65.
23.2	76.3	7695.6	375.0	-31.6	-48.1	234.7	35.8*	29.2	20.7	319.8	320.2	0.1	17.6	42.6	65.
24.8	80.5	8181.1	350.0	-34.5	-50.4	230.5	40.8*	31.5	26.0	322.2	322.6	0.1	17.8	46.3	64.
26.8	85.0	8693.7	325.0	-38.8	99.9	221.9	35.6*	23.8	26.5	323.2	999.9	99.9	999.9	50.2	62.
28.9	89.6	9238.8	300.0	-42.5	99.9	226.8	45.7*	33.3	31.2	325.5	999.9	99.9	999.9	54.8	60.
30.9	94.6	9822.2	275.0	-45.3	99.9	230.8	58.6*	45.4	37.0	329.6	999.9	99.9	999.9	62.1	59.
32.9	99.5	10452.3	250.0	-49.6	99.9	229.6	58.4*	44.5	37.9	332.3	999.9	99.9	999.9	68.9	58.
35.5	105.0	11136.9	225.0	-53.5	99.9	226.2	38.4*	27.7	26.6	336.6	999.9	99.9	999.9	74.8	57.
37.9	110.8	11896.3	200.0	-53.3	99.9	230.7	38.6*	29.9	24.4	348.3	999.9	99.9	999.9	81.2	57.
40.5	116.8	12756.9	175.0	-53.0	99.9	232.3	38.7*	30.6	23.6	362.4	999.9	99.9	999.9	87.3	56.
43.5	123.8	13744.3	150.0	-57.3	99.9	215.3	36.3*	21.0	29.6	371.4	999.9	99.9	999.9	92.1	55.
46.7	131.0	14890.6	125.0	-57.4	99.9	229.0	36.3*	27.4	23.8	391.0	999.9	99.9	999.9	99.9	54.
50.7	138.7	16295.5	100.0	-62.7	99.9	239.5	5.5*	4.8	2.8	406.5	999.9	99.9	999.9	101.6	54.
55.9	146.3	18052.2	75.0	-62.9	99.9	214.0	18.0*	10.1	14.9	441.1	999.9	99.9	999.9	105.8	54.
63.4	154.3	20563.2	50.0	-60.3	99.9	200.1	9.2*	3.2	8.7	501.6	999.9	99.9	999.9	107.7	53.
76.1	163.0	24971.6	25.0	-51.4	99.9	101.5	6.0	-5.8	1.2	636.9	999.9	99.9	999.9	106.6	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. 365
ALBUQUERQUE, N MEX

28 APRIL 1975
230 GMT

149 9. 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	20.9	1619.0	833.5	8.3	-8.2	20.0	4.1	-1.4	-3.9	296.8	303.9	2.5	30.0	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	21.8	1704.0	825.0	9.2	-11.5	324.2	6.0	3.5	-4.9	298.6	304.2	1.9	21.8	0.1	193.
1.3	24.3	1958.7	800.0	8.9	-11.8	305.2	7.3	6.0	-4.2	300.9	306.6	1.9	21.8	0.4	154.
2.1	26.7	2219.9	775.0	6.1	-14.0	283.5	14.2	13.8	-3.3	300.5	305.5	1.7	21.9	0.8	129.
3.0	29.3	2487.3	750.0	3.6	-15.9	289.1	16.5	15.6	-5.4	300.6	305.1	1.5	22.4	1.7	116.
4.0	32.0	2761.0	725.0	0.8	-16.8	286.9	15.3	14.6	-4.4	300.5	304.7	1.4	25.3	2.6	114.
4.9	34.8	3041.6	700.0	-1.9	-17.8	283.6	15.6	15.2	-3.7	300.6	304.7	1.3	28.4	3.5	112.
5.9	37.3	3329.5	675.0	-4.4	-17.9	279.2	13.5	13.4	-2.2	300.9	305.1	1.4	33.7	4.3	110.
6.9	40.1	3625.2	650.0	-7.4	-18.4	280.8	15.0	14.8	-2.8	300.7	304.9	1.4	40.8	5.2	108.
8.1	42.8	3929.2	625.0	-10.2	-19.3	282.6	16.2	15.8	-3.5	301.0	305.0	1.3	46.9	6.3	107.
9.2	45.8	4242.2	600.0	-13.0	-19.9	283.6	17.7	17.2	-4.2	301.2	305.2	1.3	56.0	7.4	106.
10.4	48.8	4564.8	575.0	-15.9	-22.6	289.4	20.9	19.7	-6.9	301.5	304.8	1.1	55.8	8.8	106.
11.6	51.6	4900.8	550.0	-15.3	-32.0	292.3	23.5	21.8	-8.9	306.0	307.5	0.5	22.2	10.5	107.
12.8	54.9	5250.3	525.0	-18.3	-34.3	290.9	25.2	23.5	-9.0	306.4	307.8	0.4	22.9	12.2	108.
14.0	57.9	5613.6	500.0	-20.1	-36.2	290.2	26.5	24.9	-9.1	308.5	309.7	0.3	22.1	14.1	108.
15.5	61.3	5991.8	475.0	-22.5	-39.7	286.3	29.5	28.3	-8.2	310.1	311.0	0.3	19.7	16.5	108.
17.2	64.9	6387.3	450.0	-24.9	-37.4	280.4	33.0	32.4	-6.0	311.9	312.0	0.3	30.2	19.8	107.
19.2	68.3	6800.7	425.0	-27.8	-41.6	275.8	31.6	31.4	-3.2	313.4	314.2	0.2	25.2	23.7	106.
21.2	71.7	7235.1	400.0	-29.0	-46.6	277.7	37.4	37.1	-5.0	317.3	317.8	0.1	16.3	27.7	105.
23.0	75.7	7693.7	375.0	-32.1	-49.0	273.9	36.2	36.1	-2.4	319.1	319.5	0.1	16.5	31.7	104.
24.7	79.7	8177.6	350.0	-35.4	-51.7	270.4	33.6	33.6	-0.2	320.9	321.3	0.1	16.8	34.9	102.
26.6	83.6	8689.5	325.0	-39.3	99.9	269.1	35.0*	35.0	0.6	322.4	999.9	99.9	999.9	39.1	101.
28.7	88.0	9232.2	300.0	-43.8	99.9	265.9	36.1*	36.0	2.6	323.6	999.9	99.9	999.9	43.2	100.
30.6	92.6	9812.3	275.0	-47.7	99.9	265.7	36.3*	36.2	2.7	326.1	999.9	99.9	999.9	47.5	98.
32.9	97.4	10436.0	250.0	-51.8	99.9	265.5	43.4*	43.2	3.4	329.1	999.9	99.9	999.9	52.6	97.
36.1	102.4	11114.6	225.0	-55.1	99.9	259.0	42.8*	42.0	8.1	334.1	999.9	99.9	999.9	60.5	95.
39.9	108.2	11874.4	200.0	-52.1	99.9	246.4	28.6*	26.2	11.5	350.3	999.9	99.9	999.9	68.0	93.
42.9	114.0	12732.3	175.0	-54.5	99.9	235.4	26.6*	21.9	15.1	359.9	999.9	99.9	999.9	73.2	91.
47.3	120.5	13718.8	150.0	-54.7	99.9	252.8	24.7*	23.6	7.3	375.9	999.9	99.9	999.9	80.6	88.
50.5	127.7	14870.7	125.0	-60.8	99.9	239.5	19.9*	17.1	10.1	385.0	999.9	99.9	999.9	84.0	88.
55.6	135.8	16267.9	100.0	-57.2	99.9	228.1	17.7*	13.2	11.8	417.2	999.9	99.9	999.9	91.4	85.
61.3	143.7	18070.3	75.0	-63.3	99.9	238.6	7.4**	6.3	3.9	440.2	999.9	99.9	999.9	93.3	84.
70.5	152.7	20595.1	50.0	-59.5	99.9	237.6	4.2	3.5	2.2	503.3	999.9	99.9	999.9	93.5	84.
84.9	162.0	25000.6	25.0	-52.6	99.9	121.0	5.5	-4.7	2.8	633.3	999.9	99.9	999.9	90.4	83.

* 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

28 APRIL 1975
21Z GMT

151 35, 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	6.8	368.0	971.4	21.7	19.4	150.0	6.2	-3.1	5.4	299.3	338.3	14.8	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	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.
0.7	8.7	461.7	950.0	22.0	16.7	163.2	18.2	-5.3	17.5	301.2	335.2	12.7	72.1	0.5	333.
1.4	10.8	694.0	925.0	21.6	15.3	170.3	18.5	-3.1	18.2	303.0	335.3	11.9	67.3	1.2	342.
2.2	13.1	931.5	900.0	19.7	14.2	174.1	22.6	-2.3	22.5	303.4	334.4	11.4	70.6	2.2	346.
3.0	15.4	1174.0	875.0	17.5	13.4	180.3	23.5	0.1	23.5	303.4	333.7	11.1	77.0	3.2	350.
3.8	17.6	1421.8	850.0	16.2	12.3	188.6	25.2	3.7	24.9	304.6	333.8	10.7	77.5	4.4	354.
4.5	20.1	1675.3	825.0	13.8	10.9	193.7	24.7	5.9	24.0	304.6	332.0	10.0	82.5	5.5	357.
5.3	22.4	1934.5	800.0	11.5	10.0	196.0	26.1	7.2	25.1	304.7	331.4	9.7	90.9	6.6	0.
6.0	24.9	2199.4	775.0	9.2	7.2	200.7	30.2	10.7	28.3	304.8	327.7	8.3	87.3	7.7	3.
6.7	27.2	2472.3	750.0	10.8	0.0	204.2	31.3	12.8	28.5	309.0	323.8	5.1	47.2	8.9	6.
7.6	29.9	2754.5	725.0	9.9	-3.3	205.3	32.3	13.8	29.3	310.8	323.1	4.2	39.4	10.5	9.
8.6	32.5	3045.0	700.0	7.9	-6.2	208.7	29.4	14.1	25.8	311.6	322.0	3.4	36.2	12.5	12.
9.8	35.2	3343.7	675.0	5.5	-4.9	209.9	28.5	14.2	24.7	312.3	324.1	3.9	46.8	14.3	14.
10.7	37.8	3650.8	650.0	2.6	-5.6	207.9	28.4	13.3	25.1	312.4	324.1	3.9	54.6	15.9	16.
11.6	40.5	3966.4	625.0	-0.7	-5.9	207.3	28.1	12.9	25.0	312.2	324.0	4.0	68.2	17.4	17.
12.9	43.4	4291.8	600.0	-2.7	-6.4	211.9	30.6	16.2	26.0	313.5	325.3	3.9	75.2	19.7	18.
14.0	46.4	4628.0	575.0	-5.5	-7.4	209.5	27.5	13.5	24.0	314.0	325.5	3.8	86.9	21.6	20.
14.9	49.5	4975.8	550.0	-7.9	-9.3	204.1	29.0	11.8	26.5	315.2	325.7	3.4	89.4	23.0	20.
15.9	52.4	5336.1	525.0	-10.5	-11.2	203.6	28.7	11.5	26.3	316.2	325.7	3.1	94.5	24.8	20.
17.2	55.4	5710.8	500.0	-12.5	-13.2	204.0	27.9	11.3	25.5	318.1	326.8	2.8	94.6	26.9	20.
18.6	58.7	6101.2	475.0	-14.8	-16.4	205.8	26.9	11.7	24.2	319.9	327.0	2.2	87.7	29.3	21.
20.0	62.1	6509.0	450.0	-16.9	-20.9	200.3	23.4	8.1	21.9	322.1	327.3	1.6	71.2	31.4	21.
21.4	65.6	6936.1	425.0	-19.9	-24.0	196.1	23.6	6.5	22.6	323.6	327.9	1.3	69.6	33.2	21.
23.0	69.2	7383.1	400.0	-23.1	-28.0	192.1	22.8	4.8	22.3	325.0	328.2	0.9	63.8	35.4	20.
24.7	72.6	7853.5	375.0	-26.2	-33.0	200.1	24.6	8.5	23.1	326.9	329.1	0.6	52.3	37.8	20.
26.4	76.5	8348.4	350.0	-30.5	-34.9	204.8	23.5	9.9	21.3	327.6	329.6	0.6	65.4	40.5	20.
28.4	80.6	8870.7	325.0	-34.7	-40.9	203.7	25.9	10.4	23.7	328.8	330.0	0.3	53.0	43.3	21.
30.4	84.8	9424.9	300.0	-39.0	99.9	201.8	26.1	9.7	24.2	330.5	999.9	99.9	999.9	46.5	21.
32.4	89.2	10016.1	275.0	-43.3	99.9	194.2	30.4	7.5	29.4	332.5	999.9	99.9	999.9	49.6	21.
34.6	94.2	10649.9	250.0	-48.9	99.9	196.0	35.2	9.7	33.8	333.3	999.9	99.9	999.9	53.7	20.
37.1	99.2	11333.9	225.0	-54.7	99.9	199.7	37.9*	12.8	35.6	334.8	999.9	99.9	999.9	59.4	20.
39.8	104.5	12076.6	200.0	-61.1	99.9	205.6	40.5*	17.5	36.5	336.0	999.9	99.9	999.9	65.6	20.
42.5	110.5	12903.1	175.0	-62.8	99.9	209.9	23.6*	11.8	20.5	346.3	999.9	99.9	999.9	71.6	21.
45.4	116.8	13846.7	150.0	-64.6	99.9	222.4	20.8*	14.0	15.4	358.8	999.9	99.9	999.9	76.6	21.
49.2	124.3	14966.4	125.0	-62.2	99.9	215.2	18.4*	10.6	15.0	382.3	999.9	99.9	999.9	78.8	22.
54.1	132.3	16337.1	100.0	-65.2	99.9	211.4	17.4	9.1	14.8	401.8	999.9	99.9	999.9	82.8	23.
60.5	141.0	18096.1	75.0	-64.9	99.9	19.1	22.1	-7.2	-20.9	436.8	999.9	99.9	999.9	85.3	24.
69.9	150.0	20602.1	50.0	-62.2	99.9	99.0	9.4	-9.3	1.5	497.0	999.9	99.9	999.9	84.1	22.
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. 11001
MARSHALL SPACE FLIGHT CENTER

28 APRIL 1975
215 GMT

132 103. 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	180.0	996.8	21.5	19.2	360.0	0.0	0.0	0.0	296.8	334.0	14.3	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	999.9	999.9	999.
0.7	7.8	374.5	975.0	25.0	17.4	208.5	2.4	1.2	2.1	302.1	336.7	12.9	62.7	0.3	7.
1.7	9.9	602.3	950.0	23.2	16.0	214.0	6.5	3.6	5.4	302.4	335.2	12.2	64.0	0.5	19.
2.5	12.0	834.5	925.0	20.8	14.3	219.3	6.9	4.4	5.3	302.1	332.3	11.2	66.3	0.8	26.
3.4	14.2	1071.2	900.0	18.7	13.7	224.2	8.1	5.6	5.8	302.3	332.1	11.0	72.4	1.2	32.
4.3	16.3	1313.0	875.0	16.8	13.5	223.1	7.8	5.3	5.7	302.7	333.0	11.2	80.9	1.7	35.
5.2	18.6	1559.8	850.0	14.4	13.4	222.5	8.8	5.9	6.5	302.8	333.7	11.4	93.3	2.1	36.
6.1	20.8	1811.8	825.0	12.1	11.6	218.9	8.0	5.0	6.2	302.8	331.2	10.5	96.7	2.6	37.
7.1	23.2	2069.3	800.0	10.0	8.8	211.9	10.7	5.6	9.1	303.0	327.6	9.0	92.6	3.1	37.
8.1	25.6	2333.7	775.0	9.4	3.9	217.2	10.6	6.4	8.4	304.8	323.2	6.6	68.4	3.8	36.
9.1	28.1	2605.4	750.0	8.4	-3.9	226.0	9.4	6.7	6.5	306.2	317.4	3.8	41.8	4.4	37.
10.1	30.6	2885.9	725.0	8.5	-11.0	231.0	7.5	5.8	4.7	309.1	316.1	2.3	23.9	4.9	38.
11.3	33.3	3175.3	700.0	7.7	-16.6	251.0	5.9	5.6	1.9	311.2	315.9	1.5	15.9	5.3	40.
12.4	35.8	3473.8	675.0	5.4	-15.4	271.5	6.1	6.1	-0.2	311.9	317.3	1.7	20.6	5.6	43.
13.5	38.5	3780.6	650.0	2.9	-18.0	288.9	6.5	6.2	-2.1	312.4	316.9	1.4	19.7	5.8	46.
14.6	41.1	4096.5	625.0	0.6	-19.0	299.4	7.2	6.2	-3.5	313.3	317.7	1.4	21.3	6.0	50.
15.9	44.0	4422.4	600.0	-2.0	-18.2	305.0	10.0	8.2	-5.7	314.0	318.8	1.5	27.6	6.2	56.
17.1	47.0	4759.7	575.0	-4.4	-12.2	303.4	10.6	8.9	-5.8	315.2	323.3	2.6	54.1	6.5	62.
18.3	50.0	5108.6	550.0	-7.2	-10.8	304.1	10.9	9.1	-6.1	315.9	325.3	3.1	75.8	7.0	68.
19.5	52.9	5470.1	525.0	-9.5	-15.2	295.4	10.6	9.6	-4.5	317.3	324.3	2.2	63.1	7.5	73.
20.8	56.0	5845.1	500.0	-11.9	-21.2	290.7	12.1	11.3	-4.3	318.7	323.2	1.4	45.7	8.1	76.
22.3	59.3	6236.2	475.0	-14.2	-19.5	297.7	14.5	12.8	-6.7	320.5	326.1	1.7	64.2	9.1	81.
23.7	62.7	6644.7	450.0	-16.7	-45.4	299.4	13.4	11.7	-6.6	322.2	322.8	0.1	6.2	10.1	85.
25.4	66.1	7071.6	425.0	-19.8	-33.7	302.8	12.9	10.8	-7.0	323.7	325.5	0.5	27.6	11.2	89.
26.9	69.9	7518.3	400.0	-23.5	-33.7	302.6	11.1	9.3	-6.0	324.4	326.4	0.5	38.3	12.2	92.
28.6	73.6	7987.8	375.0	-26.6	-35.9	301.3	8.5	7.3	-4.4	326.3	328.0	0.5	40.8	12.9	94.
30.5	77.7	8482.6	350.0	-30.1	-40.9	302.6	11.7	9.9	-6.3	328.1	329.2	0.3	33.7	13.9	96.
32.4	81.8	9005.6	325.0	-34.6	-46.5	298.6	8.4	7.4	-4.0	329.0	329.6	0.2	28.3	14.9	98.
34.5	86.0	9559.7	300.0	-39.4	-50.1	284.9	11.7	11.3	-3.0	329.8	330.2	0.1	30.7	16.1	99.
36.6	90.8	10150.7	275.0	-43.4	99.9	283.3	16.3	15.9	-3.8	332.3	999.9	99.9	999.9	17.9	100.
38.7	95.8	10782.9	250.0	-49.6	99.9	286.0	18.9	18.2	-5.2	332.3	999.9	99.9	999.9	20.2	100.
41.0	101.3	11462.7	225.0	-56.0	99.9	290.2	19.0	17.8	-6.6	332.7	999.9	99.9	999.9	22.7	101.
43.4	107.3	12201.3	200.0	-62.1	99.9	291.5	20.9	19.5	-7.7	334.4	999.9	99.9	999.9	25.7	102.
46.1	113.5	13014.1	175.0	-68.0	99.9	298.7	28.8	25.2	-13.8	337.7	999.9	99.9	999.9	29.4	104.
48.9	120.7	13924.6	150.0	-74.2	99.9	290.3	30.9	28.9	-10.7	342.2	999.9	99.9	999.9	34.9	105.
52.3	128.7	15006.6	125.0	-70.6	99.9	302.7	19.6	16.5	-10.6	367.2	999.9	99.9	999.9	39.5	107.
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. 22002
FT. SILL, OKLA

28 APRIL 1975
330 GMT

83 282. 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	8.8	362.0	966.1	17.7	13.0	30.0	2.1	-1.0	-1.8	295.0	320.9	9.8	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	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	10.1	506.3	950.0	19.9	7.3	304.4	15.0	12.4	-8.5	298.4	317.9	7.2	46.7	0.4	118.
1.3	12.3	735.7	925.0	19.1	-8.4	308.6	15.3	11.9	-9.5	299.2	305.6	2.2	14.6	1.0	123.
2.1	14.5	969.9	900.0	17.4	-10.8	7.7	17.6	13.9	-10.8	299.7	305.2	1.9	13.5	1.8	126.
2.9	16.7	1209.0	875.0	15.5	-15.4	300.9	16.2	13.9	-8.3	300.0	304.0	1.3	10.5	2.6	126.
3.8	19.2	1453.8	850.0	14.4	-16.1	285.9	11.1	10.7	-3.1	301.4	305.4	1.3	10.6	3.4	123.
4.9	21.4	1704.9	825.0	13.0	-17.1	262.7	9.6	9.6	1.2	302.4	306.2	1.2	10.7	4.0	119.
5.9	23.9	1962.2	800.0	11.5	-18.1	244.9	8.4	7.6	3.6	303.5	307.1	1.1	10.8	4.4	114.
6.8	26.2	2226.4	775.0	10.0	-19.1	233.8	12.8	10.4	7.6	304.7	308.1	1.1	11.0	4.6	108.
7.6	28.8	2497.4	750.0	7.6	-20.7	236.8	18.1	15.1	9.9	305.0	308.0	1.0	11.2	5.2	101.
8.6	31.4	2775.8	725.0	6.3	-14.3	232.1	22.3	17.6	13.7	306.6	312.0	1.7	21.1	6.1	93.
9.7	34.1	3062.6	700.0	5.8	-15.3	222.9	25.6	17.4	18.8	309.1	314.2	1.7	20.2	7.3	84.
10.8	36.7	3358.6	675.0	3.1	-16.2	220.2	27.3	17.6	20.8	309.3	314.2	1.6	22.5	8.7	76.
11.8	39.5	3663.3	650.0	1.3	-12.7	218.5	28.5	17.7	22.3	310.7	317.5	2.2	34.2	10.1	70.
13.0	42.2	3977.3	625.0	-1.8	-14.6	220.6	30.9	20.1	23.5	310.6	316.7	2.0	36.7	11.9	65.
14.2	45.1	4300.4	600.0	-4.6	-20.4	226.2	32.1	23.2	22.2	310.9	314.9	1.3	27.9	14.2	61.
16.0	48.1	4633.6	575.0	-7.6	-24.4	230.9	36.6	28.4	23.1	311.1	314.1	0.9	24.6	17.6	59.
18.1	51.0	4978.2	550.0	-8.5	-55.3	220.7	23.3	15.2	17.7	313.9	314.1	0.0	1.0	21.9	57.
19.5	54.1	5338.1	525.0	-10.5	-56.5	213.1	23.4	12.8	19.6	315.8	315.9	0.0	1.0	23.6	55.
20.9	57.1	5712.0	500.0	-12.7	-58.0	210.9	24.3	12.5	20.8	317.5	317.6	0.0	1.0	25.4	54.
22.2	60.5	6101.5	475.0	-15.1	-58.7	210.3	23.7	12.0	20.5	319.2	319.3	0.0	1.1	27.1	52.
23.8	64.0	6507.4	450.0	-18.1	-58.7	210.5	22.6	11.5	19.5	320.5	320.6	0.0	1.4	29.1	51.
25.2	67.3	6932.1	425.0	-20.8	-59.0	212.4	24.3	13.0	20.5	322.3	322.4	0.0	1.7	31.0	49.
26.8	70.8	7378.0	400.0	-22.9	-59.5	215.0	22.0	12.6	18.1	325.2	325.3	0.0	1.9	33.1	49.
28.4	74.6	7847.8	375.0	-26.6	-60.7	209.6	24.3	12.0	21.1	326.4	326.5	0.0	2.3	35.3	47.
30.1	78.7	8342.1	350.0	-30.4	-62.2	208.9	25.3	12.2	22.1	327.7	327.8	0.0	2.8	37.6	46.
31.7	82.5	8864.1	325.0	-34.9	-64.2	200.0	27.1	9.3	25.5	328.5	328.6	0.0	3.2	40.0	45.
33.6	86.7	9417.4	300.0	-39.0	99.9	999.9	99.9	99.9	99.9	330.4	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

Sounding Data

28 April 1975

1200 GMT

130 - 162

STATION NO. 213
WAYCROSS, GA

28 APRIL 1975
1115 GMT

162 10. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	44.0	1009.8	18.0	16.7	210.0	1.5	0.7	1.3	291.9	322.6	11.9	92.0	0.0	0.
0.3	4.9	128.3	1000.0	20.7	17.7	349.3	2.9	0.5	-2.9	295.6	329.1	12.9	82.9	0.4	37.
1.1	6.8	348.8	975.0	22.5	16.7	275.1	4.0	4.0	-0.4	299.5	332.3	12.4	69.6	0.5	53.
2.0	8.8	574.9	950.0	21.3	15.0	274.0	6.4	6.4	-0.4	300.3	330.6	11.4	67.3	0.8	66.
2.9	10.9	806.0	925.0	20.0	15.0	277.5	7.9	7.8	-1.0	301.3	332.8	11.7	73.1	1.1	78.
3.9	12.9	1042.2	900.0	18.9	10.5	265.4	9.4	9.4	0.7	302.2	326.5	8.9	58.1	1.6	81.
4.7	15.1	1283.9	875.0	17.0	10.2	257.7	10.8	10.6	2.3	302.7	327.2	9.0	64.1	2.1	81.
5.7	17.2	1530.7	850.0	14.9	10.5	253.1	10.8	10.3	3.1	303.0	328.8	9.4	75.1	2.7	80.
6.5	19.5	1783.3	825.0	13.3	8.0	257.1	10.7	10.4	2.4	303.7	326.4	8.2	70.4	3.2	79.
7.5	21.6	2041.7	800.0	11.5	5.4	256.8	8.0	7.8	1.8	304.4	324.1	7.1	65.9	3.8	79.
8.4	24.0	2306.9	775.0	10.2	6.4	239.5	6.1	5.3	3.1	305.8	327.8	7.9	77.4	4.2	78.
9.5	26.3	2579.7	750.0	8.5	3.6	222.5	5.9	4.0	4.3	306.7	325.4	6.6	71.0	4.5	76.
10.5	28.8	2859.5	725.0	6.6	3.8	227.5	6.5	4.8	4.4	307.6	327.4	7.0	82.5	4.8	73.
11.7	31.4	3147.4	700.0	4.8	3.6	236.0	5.4	4.5	3.0	308.7	329.0	7.1	92.1	5.2	71.
12.9	34.0	3444.0	675.0	3.9	-0.7	243.1	3.9	3.4	1.8	310.7	326.5	5.4	72.0	5.6	71.
14.1	36.6	3751.2	650.0	4.1	-12.8	288.2	0.6	0.6	-0.2	313.9	321.5	2.5	31.8	5.7	71.
15.2	39.3	4069.3	625.0	2.4	-12.7	19.3	2.7	-0.9	-2.6	315.4	322.6	2.3	31.8	5.7	71.
16.4	41.9	4397.9	600.0	0.2	-13.4	15.7	5.3	-1.4	-5.1	316.7	323.8	2.3	35.1	5.5	74.
17.6	44.9	4737.9	575.0	-1.5	-13.3	348.7	5.4	1.0	-5.2	318.5	326.0	2.4	40.3	5.4	78.
18.8	48.0	5090.3	550.0	-4.2	-16.7	351.6	7.0	1.0	-6.9	319.3	325.3	1.9	37.0	5.4	82.
20.1	50.9	5455.1	525.0	-6.6	-26.9	348.5	8.2	1.6	-8.0	320.6	323.4	0.8	18.4	5.4	89.
21.7	54.3	5834.1	500.0	-9.8	-22.9	348.7	7.3	1.4	-7.1	321.2	325.2	1.2	33.4	5.6	96.
23.2	57.4	6227.4	475.0	-13.1	-25.1	352.7	6.1	0.8	-6.1	321.9	325.4	1.1	36.0	5.8	102.
24.7	61.0	6636.9	450.0	-16.3	-24.3	331.5	6.1	2.9	-5.3	322.8	326.8	1.2	49.7	6.1	107.
26.3	64.7	7065.2	425.0	-18.7	-32.6	295.0	7.2	6.5	-3.1	325.0	327.0	0.6	28.1	6.6	109.
27.8	68.3	7514.5	400.0	-22.4	-29.6	282.2	10.0	9.8	-2.1	326.0	328.8	0.8	51.4	7.4	109.
29.5	72.0	7984.9	375.0	-26.1	-31.1	282.4	10.1	9.9	-2.2	327.0	329.7	0.7	62.3	8.5	107.
31.7	76.2	8480.5	350.0	-30.1	-38.5	297.8	13.2	11.7	-6.2	328.1	329.5	0.4	43.4	9.9	108.
33.6	80.6	9004.5	325.0	-33.8	-38.7	312.9	17.3	12.7	-11.8	330.0	331.5	0.4	61.2	11.7	110.
35.7	85.2	9560.3	300.0	-38.4	99.9	323.8	18.6	11.0	-15.0	331.2	999.9	99.9	999.9	13.7	115.
38.0	89.8	10153.8	275.0	-42.3	99.9	326.9	17.6	9.6	-14.7	334.0	999.9	99.9	999.9	15.9	120.
40.5	95.2	10791.9	250.0	-47.1	99.9	320.3	19.5	12.5	-15.0	336.1	999.9	99.9	999.9	18.5	123.
43.1	100.5	11481.3	225.0	-52.7	99.9	313.7	23.6	17.1	-16.3	337.7	999.9	99.9	999.9	21.8	125.
46.0	106.5	12231.0	200.0	-58.7	99.9	313.9	23.4	16.9	-16.2	339.8	999.9	99.9	999.9	26.0	127.
49.2	112.8	13057.4	175.0	-65.1	99.9	315.1	32.1	22.7	-22.8	342.5	999.9	99.9	999.9	31.2	128.
52.6	119.7	13982.3	150.0	-70.4	99.9	310.5	35.6	27.1	-23.1	348.9	999.9	99.9	999.9	38.1	128.
56.7	127.3	15073.8	125.0	-68.3	99.9	316.8	23.8	16.3	-17.3	371.4	999.9	99.9	999.9	44.7	130.
61.2	135.3	16415.8	100.0	-70.9	99.9	313.8	14.9	10.8	-10.3	390.8	999.9	99.9	999.9	50.5	131.
67.4	143.3	18133.1	75.0	-68.3	99.9	319.7	9.4	6.1	-7.1	429.8	999.9	99.9	999.9	55.6	131.
75.5	151.5	20613.3	50.0	-60.3	99.9	331.0	3.2	1.5	-2.8	501.7	999.9	99.9	999.9	58.7	133.
88.0	160.0	25029.8	25.0	-51.2	99.9	27.7	7.7	-3.6	-6.8	637.3	999.9	99.9	999.9	58.8	134.

* 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 - 7

STATION NO. 226
CENTERVILLE, ALA

28 APRIL 1975
1115 GMT

164 16. 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 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	140.0	997.7	16.8	16.2	230.0	2.6	2.0	1.7	291.7	321.8	11.7	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	999.9	99.9	999.9	999.9	999.
0.9	8.5	338.8	975.0	21.5	14.8	243.0	3.1	2.8	1.4	298.3	327.5	11.0	66.3	0.5	56.
1.8	10.8	564.4	950.0	21.4	11.7	230.6	10.7	8.3	6.8	300.2	324.9	9.1	53.7	0.9	55.
2.8	13.3	795.1	925.0	20.0	11.0	227.3	11.7	8.6	8.0	301.0	325.4	9.0	56.1	1.6	53.
3.7	15.7	1030.9	900.0	18.5	9.2	221.5	13.2	8.8	9.9	301.6	323.9	8.1	54.7	2.3	50.
4.6	18.1	1271.9	875.0	16.8	8.4	224.4	14.8	10.3	10.6	302.3	324.2	8.0	57.7	3.0	48.
5.6	20.6	1518.9	850.0	15.9	4.7	226.8	11.6	8.5	8.0	303.7	321.5	6.4	47.5	3.8	48.
6.6	23.2	1771.9	825.0	14.7	0.9	217.1	8.9	5.4	7.1	304.8	318.9	5.0	39.0	4.4	47.
7.6	25.7	2031.3	800.0	13.1	-3.1	209.3	10.9	5.3	9.5	305.6	316.7	3.8	32.3	5.0	45.
8.7	28.4	2297.4	775.0	12.1	-11.1	217.2	11.3	6.9	9.0	307.1	313.5	2.1	18.5	5.7	43.
9.7	31.1	2571.1	750.0	10.8	-12.2	223.5	10.7	7.4	7.8	308.6	314.7	2.0	18.6	6.4	43.
10.9	34.0	2852.4	725.0	9.0	-13.5	225.7	9.2	6.6	6.4	309.6	315.3	1.9	18.7	7.1	43.
12.0	36.6	3142.9	700.0	9.3	-16.1	227.2	6.4	4.7	4.3	313.0	317.9	1.6	15.1	7.6	44.
13.1	39.6	3443.6	675.0	8.0	-16.5	211.2	5.5	2.9	4.7	314.8	319.9	1.6	16.1	8.0	44.
14.3	42.4	3753.4	650.0	5.2	-12.1	199.1	5.7	1.9	5.4	315.1	322.3	2.3	27.3	8.4	43.
15.5	45.4	4072.1	625.0	2.5	-13.4	205.2	5.1	2.2	4.6	315.6	322.4	2.2	29.7	8.8	42.
16.7	48.6	4400.6	600.0	-0.0	-11.9	209.4	4.1	2.0	3.6	316.4	324.4	2.6	40.1	9.0	41.
17.9	51.5	4740.2	575.0	-2.4	-14.1	218.0	4.7	2.9	3.7	317.4	324.5	2.2	40.0	9.4	41.
19.2	54.7	5091.3	550.0	-5.2	-14.9	232.4	6.8	5.4	4.2	318.1	325.0	2.2	46.5	9.8	41.
20.6	57.9	5455.5	525.0	-7.5	-16.8	250.9	8.3	7.8	2.7	319.6	325.8	1.9	47.1	10.4	42.
22.0	61.3	5833.2	500.0	-11.1	-18.2	262.6	9.1	9.1	1.2	319.6	325.5	1.8	55.8	11.0	45.
23.5	64.9	6224.9	475.0	-14.3	-21.1	259.7	9.7	9.5	1.7	320.5	325.3	1.5	55.8	11.7	47.
25.0	68.3	6632.6	450.0	-17.9	-22.5	257.3	9.9	9.7	2.2	320.9	325.5	1.4	67.1	12.5	49.
26.7	71.8	7058.2	425.0	-19.4	-37.7	252.3	10.7	10.2	3.3	324.0	325.5	0.4	20.8	13.4	51.
28.5	75.7	7507.4	400.0	-21.6	-37.1	252.3	14.3	13.7	4.4	326.9	328.3	0.4	23.1	14.6	53.
30.4	79.8	7978.6	375.0	-26.3	-30.8	256.6	16.0	15.6	3.7	326.8	329.5	0.8	65.4	16.2	55.
32.1	83.7	8474.1	350.0	-30.1	-33.1	258.5	17.5	17.1	3.5	329.2	330.5	0.7	74.5	17.9	57.
34.1	87.8	8998.5	325.0	-33.5	-36.6	265.4	17.9	17.9	1.4	330.5	332.3	0.5	73.4	19.9	60.
36.2	92.6	9555.4	300.0	-38.2	-41.2	268.1	16.6	16.6	0.5	331.5	332.8	0.3	72.8	21.7	62.
38.4	97.2	10148.9	275.0	-42.4	99.9	272.9	15.7	15.7	-0.8	333.9	999.9	99.9	999.9	23.8	65.
40.7	102.0	10786.5	250.0	-47.3	99.9	270.7	18.1	18.1	-0.2	335.8	999.9	99.9	999.9	25.8	67.
43.4	107.5	11474.6	225.0	-52.6	99.9	275.9	20.7	20.6	-2.1	338.0	999.9	99.9	999.9	28.8	70.
46.5	113.2	12224.3	200.0	-59.2	99.9	277.8	27.5	27.2	-3.8	339.0	999.9	99.9	999.9	32.5	74.
49.6	119.3	13049.1	175.0	-65.5	99.9	285.1	34.2	33.0	-8.9	341.9	999.9	99.9	999.9	38.1	78.
53.3	126.0	13974.1	150.0	-70.6	99.9	287.1	45.1	43.1	-13.3	348.5	999.9	99.9	999.9	46.0	83.
57.5	133.3	15057.8	125.0	-67.7	99.9	283.2	25.7	25.0	-5.9	372.3	999.9	99.9	999.9	54.3	86.
62.9	140.7	16401.7	100.0	-69.3	99.9	275.8	11.4	11.4	-1.2	393.8	999.9	99.9	999.9	59.4	88.
69.5	148.3	18120.9	75.0	-69.8	99.9	297.3	9.5	8.5	-4.4	426.7	999.9	99.9	999.9	62.9	89.
79.5	157.0	20579.6	50.0	-61.3	99.9	19.8	1.9	-0.7	-1.8	499.0	999.9	99.9	999.9	62.9	91.
94.6	165.7	24998.1	25.0	-51.3	99.9	38.5	2.5	-1.6	-2.0	637.7	999.9	99.9	999.9	60.5	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. 232
BOOTHVILLE, LA

28 APRIL 1975
1115 GMT

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

160 22. 1

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	5.1	1.0	1013.0	20.7	20.5	140.0	2.6	-1.7	2.0	294.8	334.1	15.2	99.0	0.0	0.
0.4	6.0	113.5	1000.0	22.3	21.3	273.7	2.8	2.8	-0.2	297.7	339.8	16.2	94.0	0.6	327.
1.2	8.4	334.4	975.0	21.0	19.9	169.1	7.0	-1.3	6.9	298.3	338.1	15.2	93.4	0.6	336.
2.0	10.6	559.6	950.0	20.1	13.5	167.6	10.8	-2.3	10.5	299.0	326.9	10.4	66.3	1.1	340.
3.0	12.9	789.8	925.0	20.4	5.3	171.3	11.3	-1.7	11.2	301.0	317.8	6.1	37.3	1.7	344.
3.9	15.3	1026.0	900.0	19.4	3.6	172.7	11.4	-1.4	11.3	302.2	317.8	5.5	35.3	2.4	346.
4.7	17.6	1267.4	875.0	17.5	5.5	178.3	9.2	-0.3	9.2	302.8	320.9	6.5	45.3	2.9	347.
5.7	20.1	1514.3	850.0	15.4	7.8	193.9	9.2	2.2	9.0	303.3	325.1	7.9	60.8	3.4	350.
6.7	22.4	1767.6	825.0	15.6	-14.3	204.6	6.9	2.9	6.3	305.3	311.9	2.2	16.5	3.8	354.
7.6	25.0	2028.0	800.0	16.0	-25.8	188.2	5.7	0.8	5.7	308.2	310.2	0.6	4.1	4.1	355.
8.6	27.4	2296.3	775.0	14.1	-12.2	196.7	6.7	1.9	6.5	309.3	315.2	1.9	14.9	4.5	356.
9.5	30.1	2571.3	750.0	12.0	-13.4	214.8	7.3	4.2	6.0	309.8	315.5	1.8	15.5	4.9	359.
10.6	32.8	2854.3	725.0	11.2	-20.1	230.1	7.4	5.6	4.7	311.9	315.4	1.1	9.5	5.2	2.
11.7	35.5	3146.1	700.0	9.8	-24.6	244.1	6.5	5.8	2.8	313.4	315.8	0.7	6.9	5.5	6.
12.7	38.0	3446.6	675.0	8.2	-20.8	256.3	5.2	5.0	1.2	315.0	318.5	1.1	10.7	5.6	10.
13.8	40.7	3756.6	650.0	5.8	-20.5	259.2	5.4	5.4	1.0	315.7	319.4	1.1	12.9	5.7	13.
15.0	43.5	4076.5	625.0	4.7	-32.4	272.1	5.5	5.5	-0.2	317.9	319.3	0.4	4.7	5.9	16.
16.2	46.5	4407.9	600.0	2.8	-20.4	301.3	6.0	5.1	-3.1	319.5	323.6	1.3	16.2	5.9	20.
17.4	49.6	4750.4	575.0	-0.1	-18.8	308.0	6.3	4.9	-3.9	320.1	325.0	1.5	22.8	5.8	25.
18.5	52.4	5104.2	550.0	-3.1	-22.2	303.8	6.0	5.0	-3.4	320.5	324.4	1.2	21.2	5.7	29.
19.8	55.5	5470.9	525.0	-5.5	-27.4	283.5	5.3	5.2	-1.2	321.9	324.5	0.8	15.8	5.8	33.
21.3	58.7	5851.0	500.0	-8.9	-32.1	270.1	4.3	4.3	-0.0	322.2	324.0	0.5	13.2	6.0	37.
22.5	61.9	6245.6	475.0	-12.0	-36.3	253.8	2.4	2.3	0.7	323.0	324.3	0.4	11.2	6.1	39.
24.0	65.3	6657.5	450.0	-14.3	-41.9	214.0	3.7	2.1	3.1	325.2	326.0	0.2	7.5	6.3	39.
25.5	68.7	7088.3	425.0	-17.2	-44.2	233.0	6.5	5.2	3.9	326.8	327.5	0.2	7.5	6.8	39.
27.1	72.2	7539.7	400.0	-20.6	-43.8	241.4	8.5	7.5	4.1	328.1	328.9	0.2	10.5	7.5	41.
28.6	76.0	8013.0	375.0	-24.7	-42.8	240.7	10.4	9.0	5.1	328.9	329.7	0.2	16.7	8.3	43.
30.3	80.0	8511.5	350.0	-28.5	-43.9	242.2	11.4	10.1	5.3	330.2	331.0	0.2	21.1	9.4	45.
32.0	84.0	9037.7	325.0	-32.9	-44.4	248.1	14.4	13.4	5.4	331.3	332.1	0.2	30.2	10.6	47.
33.9	88.0	9598.0	300.0	-36.0	-40.6	254.7	16.6	16.0	4.4	334.6	335.9	0.4	62.1	12.2	51.
36.0	92.7	10196.7	275.0	-40.7	99.9	261.3	19.3	19.1	2.9	336.2	999.9	99.9	999.9	14.3	55.
38.2	97.2	10838.7	250.0	-45.8	99.9	272.9	19.6	19.6	-1.0	338.0	999.9	99.9	999.9	16.5	60.
40.5	102.2	11531.7	225.0	-51.3	99.9	275.6	20.8	20.7	-2.0	339.8	999.9	99.9	999.9	18.9	65.
43.0	107.8	12286.8	200.0	-57.4	99.9	277.1	28.9	28.7	-3.6	341.9	999.9	99.9	999.9	22.0	70.
45.8	113.5	13118.9	175.0	-63.7	99.9	287.0	34.8	33.3	-10.1	344.9	999.9	99.9	999.9	27.0	76.
49.3	119.8	14049.8	150.0	-70.4	99.9	292.2	36.6	33.9	-13.8	348.9	999.9	99.9	999.9	33.8	83.
53.1	127.0	15126.9	125.0	-69.9	99.9	281.7	24.8	24.3	-5.0	368.4	999.9	99.9	999.9	40.9	87.
57.7	135.0	16451.6	100.0	-71.7	99.9	274.1	16.2	16.2	-1.2	389.1	999.9	99.9	999.9	46.0	88.
63.7	143.3	18158.4	75.0	-70.1	99.9	264.2	6.0	5.9	0.6	425.9	999.9	99.9	999.9	49.9	89.
71.9	152.7	20611.1	50.0	-60.1	99.9	270.5	1.7	1.7	-0.0	502.0	999.9	99.9	999.9	50.2	89.
84.2	162.7	25030.2	25.0	-52.5	99.9	183.9	1.4	0.1	1.4	634.0	999.9	99.9	999.9	49.8	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. 235
JACKSON, MISS

28 APRIL 1975
1115 GMT

158 18. 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	4.7	100.0	1001.7	20.3	19.1	190.0	3.2	0.6	3.2	295.2	331.7	14.1	93.0	0.0	0.
0.1	4.8	114.7	1000.0	20.0	18.9	199.3	5.3	1.8	5.0	295.0	331.0	13.9	93.3	0.1	5.
0.8	6.7	333.1	975.0	18.3	17.2	207.6	10.0	4.6	8.9	295.3	328.7	12.8	93.2	0.3	20.
1.5	8.9	556.1	950.0	17.0	16.0	208.6	12.4	6.0	10.9	296.1	327.9	12.1	93.4	0.7	26.
2.2	10.9	784.7	925.0	19.2	-1.1	207.5	13.6	6.3	12.0	299.5	310.7	4.0	27.0	1.3	26.
3.0	13.2	1019.7	900.0	18.3	4.8	212.3	12.1	6.5	10.2	301.2	317.9	6.0	40.7	1.9	28.
3.7	15.4	1260.5	875.0	16.9	3.2	214.8	11.9	6.8	9.7	302.1	317.6	5.5	39.8	2.5	28.
4.5	17.6	1507.3	850.0	17.0	-9.5	234.4	9.5	7.8	5.6	304.2	310.9	2.2	15.7	3.0	31.
5.3	20.0	1760.7	825.0	15.9	-9.5	239.2	7.6	6.5	3.9	305.7	312.5	2.3	16.5	3.3	34.
6.1	22.3	2021.1	800.0	14.1	-3.6	230.2	8.7	6.7	5.6	306.7	317.4	3.7	29.2	3.7	37.
6.8	24.8	2287.8	775.0	12.3	-8.4	230.8	8.8	6.8	5.6	307.4	315.2	2.6	22.7	4.0	38.
7.7	27.1	2561.6	750.0	10.5	-10.8	225.4	9.6	6.9	6.8	308.3	315.1	2.2	21.1	4.5	39.
8.5	29.7	2843.0	725.0	9.8	-17.7	214.3	9.9	5.6	8.2	310.4	314.6	1.3	12.7	5.0	40.
9.4	32.3	3133.9	700.0	9.3	-27.4	209.1	8.6	4.2	7.5	312.8	314.8	0.6	5.5	5.5	38.
10.3	35.1	3434.5	675.0	8.4	-21.2	217.4	6.9	4.2	5.5	315.1	318.5	1.0	10.2	5.9	38.
11.3	37.7	3745.0	650.0	6.2	-18.3	219.3	7.1	4.5	5.5	316.1	320.6	1.4	15.2	6.3	38.
12.3	40.5	4064.7	625.0	3.6	-18.6	218.3	8.1	5.0	6.3	316.7	321.3	1.4	17.9	6.8	38.
13.3	43.2	4394.0	600.0	0.7	-22.8	226.9	9.1	6.7	6.2	317.0	320.3	1.0	15.2	7.3	38.
14.4	46.2	4734.1	575.0	-2.1	-13.7	233.0	9.7	7.7	5.8	317.9	325.1	2.3	40.2	7.9	39.
15.4	49.3	5085.6	550.0	-4.8	-14.7	233.1	10.2	8.2	6.1	318.7	325.7	2.2	45.6	8.5	40.
16.5	52.1	5449.9	525.0	-7.6	-17.7	229.4	10.4	7.9	6.8	319.5	325.3	1.8	44.1	9.2	41.
17.7	55.3	5828.0	500.0	-10.0	-28.4	227.9	10.1	7.5	6.8	320.9	323.4	0.7	20.4	9.9	42.
18.8	58.5	6221.4	475.0	-12.8	-33.3	219.9	12.0	7.7	9.2	322.1	323.8	0.5	16.6	10.6	42.
20.0	62.0	6631.3	450.0	-15.2	-33.4	230.1	14.3	10.9	9.1	324.1	325.9	0.5	19.3	11.5	42.
21.1	65.4	7060.9	425.0	-18.3	-34.7	242.9	17.9	15.9	8.2	325.5	327.2	0.5	22.1	12.5	43.
22.5	68.9	7510.3	400.0	-21.7	-37.3	236.9	19.1	16.0	10.4	326.7	328.1	0.4	22.8	14.1	45.
24.1	72.5	7982.1	375.0	-25.7	-40.6	229.5	19.0	14.5	12.4	327.5	328.6	0.3	23.1	15.9	46.
25.8	76.5	8478.5	350.0	-29.3	-39.6	233.2	19.2	15.3	11.5	329.2	330.5	0.3	35.9	17.8	47.
27.6	80.6	9004.6	325.0	-32.8	-42.8	243.4	21.1	18.8	9.4	331.5	332.5	0.3	35.6	19.9	48.
29.6	85.0	9562.6	300.0	-36.9	-42.8	252.9	23.1	22.1	6.8	333.3	334.4	0.3	53.9	22.4	50.
31.8	89.4	10160.6	275.0	-40.7	99.9	248.0	21.3	19.7	8.0	336.3	999.9	99.9	999.9	25.0	53.
34.3	94.3	10802.8	250.0	-45.6	99.9	256.2	23.6	23.0	5.6	338.3	999.9	99.9	999.9	28.3	55.
36.5	99.3	11495.5	225.0	-52.0	99.9	260.5	28.7	28.3	4.8	338.8	999.9	99.9	999.9	31.6	57.
39.2	104.8	12246.6	200.0	-58.6	99.9	262.7	34.4	34.2	4.4	340.0	999.9	99.9	999.9	36.1	60.
42.4	110.8	13076.6	175.0	-63.2	99.9	268.6	41.9	41.9	1.0	345.6	999.9	99.9	999.9	43.0	65.
45.9	117.3	14009.9	150.0	-69.8	99.9	274.4	46.8	46.6	-3.6	349.8	999.9	99.9	999.9	52.1	69.
50.4	125.0	15096.1	125.0	-68.1	99.9	257.4	19.3	18.8	4.2	371.6	999.9	99.9	999.9	61.1	73.
55.4	132.7	16438.9	100.0	-68.8	99.9	272.7	12.4	12.4	-0.6	394.8	999.9	99.9	999.9	67.1	74.
61.9	141.0	18151.6	75.0	-67.9	99.9	212.1	3.7	2.0	3.1	430.5	999.9	99.9	999.9	70.2	74.
70.7	149.7	20626.5	50.0	-60.2	99.9	109.6	4.9	-4.6	1.6	501.7	999.9	99.9	999.9	70.0	74.
84.0	158.7	25052.2	25.0	-51.6	99.9	48.8	2.6	-2.0	-1.7	636.8	999.9	99.9	999.9	68.1	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

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STATION NO. 240
LAKE CHARLES, LA

28 APRIL 1975
1115 GMT

156 16. 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 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	1011.0	22.8	21.6	150.0	4.2	-2.1	3.6	297.2	339.6	16.3	93.0	0.0	0.
0.3	4.9	100.8	1000.0	22.7	21.8	304.0	1.3	1.1	-0.7	298.1	341.7	16.7	94.5	0.4	335.
1.0	6.9	322.1	975.0	21.9	21.1	181.6	3.8	0.1	3.8	299.4	342.3	16.4	95.2	0.4	336.
1.7	9.3	547.8	950.0	20.0	19.1	179.0	10.5	-0.2	10.5	299.4	338.6	14.9	95.0	0.8	345.
2.5	11.4	778.4	925.0	18.8	17.9	182.2	11.1	0.4	11.0	300.4	338.0	14.2	94.8	1.3	352.
3.1	13.8	1013.8	900.0	17.0	16.2	181.3	11.0	0.3	11.0	300.8	335.5	13.0	94.8	1.8	355.
3.9	15.9	1253.4	875.0	12.7	-4.5	188.6	8.4	1.3	8.3	297.4	306.9	3.3	30.9	2.2	356.
4.8	18.4	1496.9	850.0	13.8	-0.1	201.2	9.3	3.4	8.6	301.2	314.4	4.7	39.4	2.6	360.
5.7	20.7	1749.5	825.0	14.4	9.2	204.3	9.7	4.0	8.8	305.1	329.7	8.9	70.8	3.1	3.
6.6	23.2	2009.1	800.0	12.0	9.2	211.2	9.7	5.0	8.3	305.2	330.7	9.2	83.0	3.6	7.
7.4	25.6	2275.2	775.0	11.4	-1.8	210.3	11.3	5.7	9.7	306.7	320.3	4.8	43.8	4.1	10.
8.4	28.1	2548.7	750.0	11.3	-18.0	214.1	12.4	6.9	10.2	308.9	312.9	1.3	11.3	4.8	13.
9.4	30.8	2831.3	725.0	11.3	-41.5	218.9	13.1	8.2	10.2	311.8	312.3	0.1	1.2	5.5	16.
10.3	33.5	3123.0	700.0	10.0	-43.8	222.5	12.4	8.4	9.1	313.6	314.0	0.1	1.0	6.2	19.
11.3	36.0	3424.2	675.0	9.4	-44.1	227.2	11.9	8.8	8.1	316.2	316.6	0.1	1.0	6.7	22.
12.2	38.6	3735.6	650.0	7.8	-45.1	242.5	11.3	10.0	5.2	317.8	318.2	0.1	1.0	7.4	24.
13.3	41.3	4056.9	625.0	5.1	-46.8	258.6	9.7	9.5	1.9	318.2	318.5	0.1	1.0	7.8	28.
14.4	44.2	4388.0	600.0	2.4	-48.5	259.4	7.9	7.8	1.5	318.9	319.2	0.1	1.0	8.2	31.
15.4	47.1	4729.8	575.0	-0.4	-50.2	242.7	7.6	6.8	3.5	319.4	319.7	0.1	1.0	8.5	33.
16.5	50.1	5083.1	550.0	-3.0	-51.9	228.1	9.3	6.9	6.2	320.4	320.7	0.1	1.0	9.0	34.
17.7	53.0	5449.4	525.0	-5.6	-53.4	225.3	9.6	6.8	6.7	321.7	321.9	0.0	1.0	9.7	35.
18.9	56.0	5829.5	500.0	-8.7	-55.4	217.4	10.4	6.3	8.3	322.4	322.6	0.0	1.0	10.4	36.
20.2	59.4	6224.3	475.0	-11.9	-57.4	215.6	12.9	7.5	10.5	323.2	323.3	0.0	1.0	11.3	36.
21.6	62.9	6636.1	450.0	-14.7	-53.3	212.6	14.9	8.1	12.6	324.7	324.9	0.1	2.1	12.5	36.
23.0	66.1	7065.7	425.0	-18.4	-36.7	214.7	16.5	9.4	13.6	325.4	326.8	0.4	18.2	13.7	35.
24.4	69.9	7514.5	400.0	-22.4	-38.9	218.8	19.0	11.9	14.8	325.9	327.1	0.3	20.6	15.3	36.
25.9	73.4	7986.4	375.0	-25.3	-37.3	219.5	18.4	11.7	14.2	328.1	329.6	0.4	32.2	16.9	36.
27.6	77.5	8483.7	350.0	-28.7	-46.1	230.5	20.2	15.6	12.9	330.0	330.8	0.2	20.0	18.9	37.
29.2	81.5	9010.5	325.0	-32.6	-43.2	235.1	22.4	18.4	12.8	331.6	332.6	0.3	34.0	20.8	38.
31.0	85.7	9569.7	300.0	-36.2	-41.2	238.3	24.5	20.8	12.9	334.2	335.5	0.3	59.9	23.2	40.
32.9	90.2	10168.2	275.0	-40.6	99.9	245.4	28.0	25.4	11.6	336.5	999.9	99.9	999.9	25.9	43.
35.0	95.2	10810.0	250.0	-46.0	99.9	250.6	28.5	26.8	9.5	337.8	999.9	99.9	999.9	29.4	46.
37.1	100.0	11501.3	225.0	-52.0	99.9	254.2	31.2	30.0	8.5	338.9	999.9	99.9	999.9	32.8	49.
39.3	105.5	12254.9	200.0	-57.3	99.9	253.0	42.3	40.5	12.4	342.0	999.9	99.9	999.9	37.4	52.
41.5	111.5	13088.3	175.0	-62.8	99.9	262.4	43.9	43.5	5.8	346.3	999.9	99.9	999.9	42.5	55.
43.5	117.8	14018.5	150.0	-70.7	99.9	267.6	41.1	41.1	1.7	348.3	999.9	99.9	999.9	47.4	58.
46.0	125.2	15101.5	125.0	-70.2	99.9	258.8	30.7	30.1	5.9	367.9	999.9	99.9	999.9	52.2	61.
49.4	132.7	16423.3	100.0	-70.5	99.9	256.1	23.3	22.6	5.6	391.5	999.9	99.9	999.9	56.8	62.
54.3	140.3	18129.5	75.0	-70.1	99.9	156.7	3.9	-1.5	3.6	425.9	999.9	99.9	999.9	60.4	62.
61.8	148.3	20582.5	50.0	-61.0	99.9	119.4	2.5	-2.2	1.2	499.8	999.9	99.9	999.9	60.9	61.
74.7	156.3	25000.4	25.0	-50.8	99.9	86.4	3.2	-3.2	-0.2	639.2	999.9	99.9	999.9	58.9	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. 248
SHREVEPORT, LA

28 APRIL 1975
1116 GMT

166 12. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	79.0	1001.0	21.1	18.9	150.0	3.2	-1.6	2.8	296.0	332.1	13.9	87.0	0.0	0.
0.0	4.9	87.7	1000.0	21.1	19.0	252.8	1.7	1.6	0.5	296.2	332.7	14.0	87.9	0.3	351.
0.8	6.8	307.8	975.0	20.4	19.6	229.5	4.7	3.6	3.1	297.7	336.6	14.9	94.7	0.6	350.
1.7	9.0	532.5	950.0	19.3	18.5	192.0	15.0	3.1	14.6	298.6	336.2	14.3	95.4	1.1	1.
2.7	11.1	762.9	925.0	19.6	17.3	204.3	17.1	7.0	15.5	301.2	337.3	13.6	86.3	2.1	9.
3.6	13.4	999.1	900.0	17.8	17.0	212.1	17.1	9.1	14.5	301.7	338.2	13.7	95.0	3.0	15.
4.6	15.5	1240.5	875.0	16.4	15.5	219.4	16.4	10.4	12.7	302.5	336.9	12.8	94.7	3.9	20.
5.6	17.8	1487.7	850.0	15.3	14.1	226.0	17.1	12.3	11.9	303.8	336.5	12.1	92.7	4.9	25.
6.5	20.2	1741.6	825.0	16.2	7.3	238.4	14.9	12.7	7.8	306.8	328.9	7.9	55.7	5.7	29.
7.5	22.5	2002.8	800.0	14.5	3.3	246.7	14.9	13.7	5.9	307.4	324.8	6.1	46.9	6.4	33.
8.5	25.0	2270.0	775.0	12.1	3.3	245.9	15.7	14.3	6.4	307.6	325.5	6.3	54.7	7.2	37.
9.4	27.3	2543.7	750.0	9.4	2.9	242.0	14.4	13.7	6.7	307.6	325.6	6.3	63.9	8.0	40.
10.5	29.9	2824.3	725.0	7.4	5.0	233.7	12.0	9.6	7.1	308.6	330.1	7.6	84.8	8.8	42.
11.5	32.6	3113.4	700.0	6.0	4.5	217.4	11.2	6.8	8.9	310.2	331.9	7.6	90.2	9.5	42.
12.5	35.3	3411.3	675.0	4.4	-1.1	215.4	12.4	7.2	10.1	311.2	326.6	5.3	67.7	10.2	41.
13.7	37.9	3719.3	650.0	5.7	-11.5	221.0	15.3	10.0	11.6	315.7	323.4	2.5	28.3	11.1	41.
14.8	40.6	*039.0	625.0	3.2	-10.4	223.7	17.6	12.2	12.7	316.5	325.1	2.8	36.0	12.2	41.
16.0	43.5	4368.2	600.0	0.8	-26.4	227.9	17.3	12.8	11.6	317.1	319.7	0.8	11.7	13.5	42.
17.2	46.6	4708.0	575.0	-2.2	-15.8	229.6	17.8	13.5	11.5	317.7	323.8	1.9	34.1	14.7	42.
18.4	49.6	5059.7	550.0	-4.9	-14.9	232.2	19.2	15.2	11.8	318.6	325.5	2.2	45.3	16.1	43.
19.7	52.6	5423.4	525.0	-7.9	-43.7	233.9	19.5	15.7	11.5	318.9	319.5	0.2	4.0	17.5	44.
21.2	55.8	5800.4	500.0	-11.1	-19.2	230.3	21.5	16.5	13.7	319.7	325.1	1.7	51.5	19.3	45.
22.4	59.1	6192.5	475.0	-13.5	-30.9	229.7	23.2	17.7	15.0	321.3	323.5	0.6	23.1	21.0	45.
23.6	62.6	6601.9	450.0	-16.1	-47.5	227.2	23.2	17.0	15.7	322.9	324.0	0.3	12.1	22.7	45.
25.0	66.0	7029.7	425.0	-19.0	-62.0	225.4	22.0	15.7	15.4	324.5	324.6	0.0	1.0	24.5	45.
26.4	69.7	7478.1	400.0	-22.3	-47.3	223.4	25.0	17.2	18.1	326.0	326.7	0.2	12.5	26.4	45.
27.8	73.5	7948.7	375.0	-26.2	-57.4	223.1	26.4	18.0	19.3	326.8	327.1	0.1	5.8	28.8	45.
29.5	77.7	8443.8	350.0	-30.1	-43.5	228.6	27.5	20.7	18.2	328.1	328.9	0.2	26.0	31.4	45.
31.4	81.8	8966.8	325.0	-34.1	-36.4	231.7	29.6	23.2	18.3	329.6	331.4	0.5	79.5	34.5	46.
33.2	86.0	9521.9	300.0	-38.4	-48.7	237.1	31.5	26.4	17.1	331.1	331.7	0.1	32.5	37.7	46.
35.4	91.0	10115.9	275.0	-42.3	99.9	237.8	32.9	27.8	17.5	334.0	999.9	99.9	999.9	42.0	47.
37.6	95.8	10753.2	250.0	-47.4	99.9	246.1	37.3	34.1	15.1	335.6	999.9	99.9	999.9	46.6	49.
40.0	101.2	11439.9	225.0	-53.5	99.9	253.3	35.5	34.0	10.2	336.6	999.9	99.9	999.9	51.9	51.
42.5	107.0	12190.3	200.0	-57.6	99.9	252.1	37.7	35.8	11.6	341.6	999.9	99.9	999.9	57.4	53.
45.2	113.3	13019.9	175.0	-64.0	99.9	250.5	37.2	35.0	12.4	344.4	999.9	99.9	999.9	63.7	55.
48.2	120.3	13953.4	150.0	-68.5	99.9	262.5	40.2	39.8	5.3	352.1	999.9	99.9	999.9	70.0	57.
52.2	128.0	15045.2	125.0	-68.1	99.9	243.8	26.7	24.0	11.8	371.6	999.9	99.9	999.9	77.3	59.
56.6	136.3	16386.3	100.0	-69.5	99.9	262.6	13.6	13.5	1.8	393.4	999.9	99.9	999.9	83.5	59.
62.6	145.0	18106.0	75.0	-67.1	99.9	183.1	4.5	0.2	4.5	432.3	999.9	99.9	999.9	86.1	59.
70.7	154.3	20584.8	50.0	-61.9	99.9	137.5	0.4	-0.2	0.3	497.7	999.9	99.9	999.9	87.4	58.
83.7	164.0	24982.1	25.0	-52.2	99.9	222.1	3.9	2.6	2.9	634.6	999.9	99.9	999.9	84.1	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

1/84

STATION NO. 250
BROWNSVILLE, TEX

28 APRIL 1975
1115 GMT

164 16. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	7.0	1005.5	24.4	21.1	155.0	8.2	-3.5	7.4	299.2	341.0	15.9	82.0	0.0	0.
0.1	4.8	55.4	1000.0	25.0	24.0	115.5	2.8	-2.5	1.2	300.7	351.2	19.3	94.7	0.6	338.
0.9	6.7	278.8	975.0	23.7	23.6	138.5	7.1	-4.7	5.3	301.6	352.1	19.2	99.7	0.8	326.
1.6	8.8	506.3	950.0	21.6	21.5	154.0	15.8	-6.9	14.2	301.4	347.0	17.3	99.3	1.5	328.
2.5	10.9	738.3	925.0	22.5	6.2	162.2	18.1	-5.5	17.2	303.2	322.0	6.8	37.3	2.4	332.
3.3	13.0	977.7	900.0	24.7	6.5	163.0	20.4	-6.0	19.5	307.9	327.2	6.8	31.2	3.3	335.
4.1	15.2	1223.7	875.0	22.4	6.5	166.7	20.1	-4.6	19.5	308.0	327.8	7.0	35.6	4.2	337.
5.0	17.4	1475.5	850.0	21.6	9.1	175.4	16.9	-1.3	16.8	310.0	334.3	8.6	44.9	5.2	340.
5.9	19.8	1733.9	825.0	20.3	10.0	182.6	14.9	0.7	14.9	311.3	338.1	9.5	51.9	6.0	343.
6.8	22.0	1999.2	800.0	20.3	-8.1	191.7	11.5	2.3	11.3	313.2	321.2	2.6	13.9	6.7	345.
7.7	24.4	2272.7	775.0	20.7	-22.4	208.4	10.6	5.1	9.4	316.2	318.9	0.8	4.1	7.1	348.
8.6	26.7	2554.2	750.0	19.0	-21.3	217.6	9.1	5.5	7.2	317.3	320.4	0.9	5.1	7.5	351.
9.5	29.2	2843.3	725.0	16.7	-14.5	218.8	5.6	3.5	4.3	318.0	323.5	1.7	10.5	7.8	353.
10.4	31.8	3140.3	700.0	14.5	-12.4	234.7	2.8	2.2	1.6	318.8	325.5	2.1	14.4	7.9	354.
11.4	34.4	3445.9	675.0	11.9	-7.5	235.7	3.0	2.5	1.7	319.3	329.3	3.2	25.0	8.0	355.
12.4	37.0	3759.9	650.0	8.8	-8.4	246.5	4.6	4.2	1.8	319.3	329.1	3.1	28.6	8.1	357.
13.4	39.8	4082.9	625.0	6.0	-8.7	253.5	6.6	6.3	1.9	319.7	329.6	3.2	33.9	8.2	359.
14.5	42.4	4416.1	600.0	3.7	-13.4	267.9	7.1	7.1	0.3	320.7	327.9	2.3	27.4	8.3	2.
15.7	45.3	4759.7	575.0	0.5	-13.3	276.8	7.8	7.7	-0.9	320.8	328.4	2.4	34.6	8.3	6.
17.0	48.3	5114.3	550.0	-2.8	-12.2	284.1	8.9	8.6	-2.2	321.1	329.7	2.7	48.2	8.2	10.
18.2	51.1	5480.7	525.0	-6.4	-12.5	276.2	8.2	8.2	-0.9	321.1	329.9	2.8	61.5	8.3	15.
19.6	54.4	5861.3	500.0	-7.9	-53.3	260.1	6.2	6.1	1.1	323.3	323.5	0.1	1.3	8.4	19.
20.9	57.4	6257.3	475.0	-11.0	-45.9	248.8	6.1	5.6	2.2	324.3	324.8	0.1	3.7	8.7	21.
22.2	60.9	6670.3	450.0	-13.6	-49.8	237.3	8.5	7.2	4.6	326.1	326.4	0.1	3.1	9.1	24.
23.6	64.3	7102.2	425.0	-16.9	-28.8	215.8	10.1	5.9	8.2	327.3	330.2	0.9	36.2	9.9	25.
25.2	67.7	7554.9	400.0	-19.3	-23.6	215.7	12.8	7.5	10.4	330.1	334.9	1.4	68.4	10.9	26.
26.7	71.3	8031.3	375.0	-23.4	-28.6	226.3	14.9	10.8	10.3	330.7	334.0	1.0	62.1	12.1	28.
28.3	75.3	8532.9	350.0	-26.6	-43.2	235.9	17.8	14.8	10.0	332.9	334.5	0.5	36.1	13.6	30.
30.0	79.5	9064.7	325.0	-29.9	-64.1	239.3	21.3	18.4	10.9	335.4	335.6	0.0	2.5	15.4	34.
31.9	83.6	9629.3	300.0	-34.7	-67.7	242.1	23.8	21.0	11.1	336.3	336.4	0.0	2.6	17.7	38.
34.1	88.0	10231.7	275.0	-39.1	99.9	245.6	28.8	26.2	11.9	338.5	999.9	99.9	999.9	20.8	42.
36.3	92.8	10879.6	250.0	-43.5	99.9	247.2	29.8	27.5	11.6	341.4	999.9	99.9	999.9	24.4	46.
38.6	97.8	11579.3	225.0	-49.6	99.9	248.8	31.1	29.0	11.2	342.5	999.9	99.9	999.9	28.3	49.
41.2	103.3	12340.7	200.0	-54.8	99.9	258.2	31.0	30.3	6.3	345.9	999.9	99.9	999.9	32.6	52.
44.0	109.5	13180.7	175.0	-62.1	99.9	257.7	34.7	33.9	7.4	347.5	999.9	99.9	999.9	38.3	56.
47.1	115.8	14117.4	150.0	-68.7	99.9	265.0	28.4	28.3	2.5	351.8	999.9	99.9	999.9	43.7	60.
51.0	123.7	15201.2	125.0	-70.8	99.9	256.1	26.6	25.8	6.4	366.7	999.9	99.9	999.9	51.1	62.
55.5	132.0	16510.4	100.0	-73.9	99.9	239.9	20.8	18.0	10.4	385.0	999.9	99.9	999.9	56.3	63.
60.9	141.0	18190.3	75.0	-69.4	99.9	269.1	7.3	7.3	0.1	427.4	999.9	99.9	999.9	61.0	62.
68.9	151.5	20668.5	50.0	-61.5	99.9	23.2	7.5	-3.0	-6.9	498.6	999.9	99.9	999.9	61.9	62.
81.4	163.0	25097.4	25.0	-49.9	99.9	25.7	0.7	-0.3	-0.6	641.3	999.9	99.9	999.9	59.5	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. 255
VICTORIA, TEX

28 APRIL 1975
1115 GMT

164 16. 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 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	33.0	1003.5	23.2	21.8	150.0	5.2	-2.6	4.5	298.3	341.8	16.7	92.0	0.0	0.
0.1	4.8	63.7	1000.0	23.3	22.1	147.0	1.3	-0.7	1.1	298.8	343.3	17.1	93.0	0.4	341.
0.8	6.7	285.5	975.0	22.2	21.3	163.9	3.2	-0.9	3.0	299.8	343.3	16.6	94.2	0.6	329.
1.6	8.9	512.0	950.0	21.2	20.2	168.3	12.6	-2.5	12.3	300.8	342.9	15.9	94.0	1.0	336.
2.4	10.9	743.1	925.0	19.3	18.2	177.2	13.1	-0.6	13.1	301.0	339.3	14.4	93.6	1.6	342.
3.1	13.3	979.2	900.0	18.8	12.5	182.8	16.5	0.8	16.5	302.3	330.9	10.6	71.6	2.2	348.
3.9	15.5	1223.1	875.0	21.2	7.5	186.5	19.1	2.2	19.0	306.9	327.9	7.5	41.3	3.0	353.
4.7	17.7	1473.1	850.0	18.7	8.7	189.0	19.4	3.0	19.2	306.9	330.2	8.3	52.2	4.0	356.
5.5	20.1	1729.0	825.0	17.0	11.7	193.9	17.6	4.2	17.1	308.0	337.4	10.6	71.0	4.8	359.
6.3	22.4	1991.4	800.0	15.1	10.0	194.0	15.0	3.6	14.5	308.5	335.7	9.7	71.5	5.6	1.
7.2	24.9	2259.9	775.0	13.2	5.7	197.1	13.7	4.0	13.1	309.0	330.2	7.4	60.1	6.3	2.
8.0	27.2	2535.7	750.0	11.6	7.7	202.5	12.3	4.7	11.3	310.3	335.4	8.9	77.2	6.9	4.
8.8	29.8	2818.9	725.0	10.0	5.0	206.0	9.0	3.9	8.1	311.4	333.2	7.6	71.5	7.4	6.
9.8	32.4	3111.1	700.0	10.2	-9.9	206.9	5.9	2.7	5.3	314.1	322.4	2.7	24.2	7.8	7.
10.7	35.1	3412.3	675.0	8.6	-17.2	214.0	5.4	3.0	4.4	315.4	320.1	1.5	14.2	8.0	8.
11.8	37.7	3722.8	650.0	6.3	-16.5	225.0	7.2	5.1	5.1	316.3	321.5	1.6	17.8	8.4	9.
12.9	40.5	4043.3	625.0	4.4	-16.7	244.5	10.3	9.3	4.4	317.6	323.0	1.7	19.9	8.8	11.
13.9	43.3	4374.1	600.0	2.2	-13.8	243.0	14.3	12.8	6.5	319.0	325.9	2.2	29.3	9.2	15.
15.0	46.3	4716.0	575.0	-0.7	-13.8	237.8	16.5	14.0	8.8	319.5	326.7	2.3	36.3	10.0	20.
16.1	49.4	5068.9	550.0	-4.0	-14.8	242.2	16.3	14.4	7.6	319.6	326.5	2.2	42.7	10.9	23.
17.3	52.4	5433.8	525.0	-7.5	-14.6	238.4	18.0	15.3	9.4	319.6	327.1	2.3	56.6	11.9	27.
18.6	55.6	5811.6	500.0	-10.9	-16.0	236.4	19.1	15.9	10.6	320.0	327.0	2.2	65.8	13.2	30.
19.8	58.9	6204.0	475.0	-12.8	-52.7	243.5	17.6	15.7	7.8	322.1	322.9	0.2	8.1	14.4	33.
21.3	62.4	6615.3	450.0	-14.4	-59.1	234.9	17.7	14.5	10.2	325.1	325.2	0.0	1.0	15.7	35.
22.6	65.9	7045.1	425.0	-18.3	-61.6	229.7	18.6	14.2	12.0	325.4	325.5	0.0	1.0	17.2	37.
24.0	69.7	7494.1	400.0	-21.9	-43.7	231.7	19.9	15.6	12.3	326.4	327.2	0.2	13.2	18.6	38.
25.6	73.5	7966.0	375.0	-25.3	-31.9	237.6	23.5	19.8	12.6	328.1	330.6	0.7	53.7	20.7	39.
27.3	77.7	8463.8	350.0	-28.3	-46.7	242.1	25.8	22.8	12.1	330.5	331.2	0.2	15.1	23.1	41.
29.0	81.8	8991.4	325.0	-31.6	-70.2	245.4	28.9	26.3	12.0	333.1	333.1	0.0	1.0	25.6	44.
31.0	86.3	9552.8	300.0	-36.2	-71.5	243.1	28.0	25.0	12.7	334.2	334.3	0.0	1.3	28.9	46.
32.9	91.2	10150.1	275.0	-41.0	99.9	247.2	28.5	26.3	11.1	335.9	999.9	99.9	999.9	31.9	48.
35.0	96.2	10791.0	250.0	-45.9	99.9	251.3	34.5	32.7	11.0	337.8	999.9	99.9	999.9	35.9	50.
37.1	101.6	11485.9	225.0	-50.9	99.9	245.8	40.1	36.6	16.4	340.6	999.9	99.9	999.9	40.3	53.
39.7	107.8	12241.2	200.0	-57.3	99.9	248.8	37.9	35.3	13.7	342.0	999.9	99.9	999.9	46.1	54.
42.4	114.0	13076.6	175.0	-62.7	99.9	260.1	46.2	45.5	7.9	346.5	999.9	99.9	999.9	52.3	57.
45.4	121.3	14008.2	150.0	-71.0	99.9	263.5	51.5	51.2	5.9	347.8	999.9	99.9	999.9	60.7	60.
48.6	129.0	15082.5	125.0	-70.5	99.9	261.7	44.0	43.5	6.3	367.3	999.9	99.9	999.9	68.8	63.
53.0	137.3	16408.4	100.0	-71.0	99.9	237.4	25.4	21.4	13.7	390.5	999.9	99.9	999.9	76.7	64.
59.5	146.0	18107.2	75.0	-70.5	99.9	228.9	12.8	9.6	8.4	425.1	999.9	99.9	999.9	83.3	65.
68.0	154.7	20570.8	50.0	-62.0	99.9	87.0	2.2	-2.2	-0.1	497.5	999.9	99.9	999.9	84.8	65.
81.0	163.7	24987.2	25.0	-52.4	99.9	97.9	1.4	-1.4	0.2	634.4	999.9	99.9	999.9	84.1	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. 260
STEPHENVILLE, TEX

28 APRIL 1975
1115 GMT

160 20. 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 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	963.9	16.7	9.9	20.0	2.1	-0.7	-2.0	294.0	315.1	8.0	64.0	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	11.2	523.4	950.0	19.2	-7.6	204.8	2.2	0.9	2.0	297.0	304.2	2.5	17.2	0.5	199.
1.1	13.8	752.6	925.0	20.2	-17.5	16.7	3.1	-0.9	-3.0	300.1	303.3	1.0	6.5	0.5	198.
1.9	16.1	987.3	900.0	18.3	-18.3	23.3	5.4	-2.1	-5.0	300.5	303.6	1.0	6.8	0.8	198.
2.7	18.7	1227.3	875.0	16.6	-11.2	32.3	3.1	-1.7	-2.7	301.2	306.9	1.9	14.1	1.0	201.
3.5	21.1	1473.2	850.0	16.3	-17.5	245.4	1.7	1.5	0.7	303.3	306.8	1.1	8.3	1.0	201.
4.5	23.9	1726.0	825.0	15.0	-11.5	262.7	6.7	6.7	0.9	304.7	310.5	1.9	15.0	0.9	188.
5.3	26.4	1985.2	800.0	12.8	-8.6	256.1	7.3	7.1	1.7	305.2	312.6	2.5	21.6	0.9	166.
6.1	29.2	2250.5	775.0	10.4	-8.4	251.8	8.1	7.7	2.5	305.3	313.1	2.6	25.8	0.9	143.
6.9	32.0	2522.1	750.0	8.0	-7.7	241.8	9.5	8.4	4.5	305.6	314.1	2.9	32.0	1.1	121.
7.8	34.9	2800.8	725.0	5.8	-5.9	230.0	12.9	9.9	8.3	306.2	316.2	3.4	42.6	1.4	102.
9.0	37.6	3088.0	700.0	6.7	-6.5	225.6	18.8	13.4	13.2	310.3	320.4	3.4	39.2	2.4	75.
10.2	40.5	3387.1	675.0	6.9	-13.3	236.4	20.9	17.4	11.6	313.6	320.0	2.0	22.0	3.7	65.
11.2	43.4	3695.7	650.0	4.4	-15.6	244.4	23.2	20.9	10.0	314.1	319.6	1.7	21.6	5.0	64.
12.0	46.5	4013.4	625.0	1.7	-16.3	249.0	25.6	23.9	9.2	314.5	319.9	1.7	24.8	6.3	65.
12.8	49.6	4340.5	600.0	-1.4	-15.9	250.9	26.9	25.4	8.8	314.8	320.6	1.8	32.1	7.4	66.
13.5	52.6	4677.9	575.0	-4.3	-15.3	250.5	27.6	26.0	9.2	315.2	321.5	2.0	42.0	8.6	67.
14.3	55.8	5025.9	550.0	-7.9	-15.3	252.4	28.1	26.8	8.5	314.9	321.5	2.1	55.2	9.9	67.
15.2	59.1	5385.4	525.0	-11.5	-15.6	254.1	30.5	29.3	8.4	314.8	321.5	2.2	71.6	11.5	68.
16.4	62.6	5758.2	500.0	-12.8	-13.9	246.5	29.9	27.4	11.9	317.7	325.9	2.6	91.6	13.8	69.
17.6	65.9	6148.1	475.0	-14.8	-16.0	241.7	22.8	20.1	10.8	319.9	327.3	2.3	90.6	15.8	68.
18.9	69.4	6555.8	450.0	-17.2	-19.0	240.9	13.4	11.7	6.5	321.8	327.9	1.9	85.4	17.1	67.
20.5	73.0	6982.4	425.0	-20.0	-22.5	222.6	11.4	7.7	8.4	323.5	328.4	1.5	79.8	18.0	67.
22.0	76.8	7430.9	400.0	-22.4	-26.3	230.7	15.3	11.8	9.7	326.0	329.8	1.1	70.4	19.2	65.
23.5	80.6	7902.0	375.0	-25.8	-29.5	221.7	17.6	11.7	13.1	327.4	330.4	0.9	70.9	20.6	64.
25.0	84.8	8397.7	350.0	-29.9	-33.1	217.8	22.9	14.1	18.1	328.4	330.7	0.7	73.7	22.2	62.
26.4	88.8	8921.9	325.0	-33.7	-37.1	215.1	23.4	13.5	19.2	330.1	331.9	0.5	71.4	24.2	60.
28.3	93.4	9477.9	300.0	-38.4	-42.0	222.5	24.1	16.3	17.8	331.2	332.4	0.3	68.2	26.6	58.
30.3	98.0	10070.1	275.0	-43.0	99.9	221.2	29.8	19.6	22.4	332.9	999.9	99.9	999.9	29.6	56.
32.3	102.8	10705.0	250.0	-48.2	99.9	218.2	34.7	21.5	27.3	334.5	999.9	99.9	999.9	33.3	54.
34.5	108.2	11392.3	225.0	-52.9	99.9	223.3	50.2	34.4	36.5	337.5	999.9	99.9	999.9	38.9	52.
36.7	113.8	12140.8	200.0	-59.6	99.9	226.3	53.4	38.6	36.9	338.4	999.9	99.9	999.9	45.3	51.
39.2	119.5	12963.6	175.0	-65.8	99.9	233.0	66.2	52.9	39.8	341.4	999.9	99.9	999.9	54.5	51.
43.2	126.0	13899.0	150.0	-66.0	99.9	241.4	51.5	45.2	24.6	356.4	999.9	99.9	999.9	68.2	53.
47.2	133.3	15017.5	125.0	-63.1	99.9	230.2	22.7	17.4	14.5	380.8	999.9	99.9	999.9	77.6	54.
52.8	140.7	16364.3	100.0	-69.8	99.9	230.6	18.7	14.5	11.9	393.0	999.9	99.9	999.9	84.5	53.
60.2	148.7	18096.7	75.0	-66.3	99.9	206.0	7.0	3.1	6.3	433.9	999.9	99.9	999.9	89.9	55.
70.8	157.5	20584.4	50.0	-62.3	99.9	66.9	5.8	-5.3	-2.3	496.7	999.9	99.9	999.9	90.8	53.
87.0	167.0	24975.7	25.0	-52.9	99.9	60.7	9.6	-8.3	-4.7	632.5	999.9	99.9	999.9	88.4	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. 261
DEL RIO, TEX

28 APRIL 1975
1115 GMT

155 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	314.0	972.0	19.0	13.4	350.0	4.5	0.8	-4.5	295.9	322.3	10.0	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.
0.8	10.5	512.1	950.0	21.9	5.3	354.6	12.6	1.2	-12.5	300.2	315.7	6.0	34.6	0.4	172.
1.6	12.8	743.4	925.0	22.2	-6.5	359.0	15.7	0.3	-15.7	302.4	309.9	2.5	14.0	1.1	176.
2.6	15.2	980.1	900.0	20.2	-7.9	2.0	15.4	-0.5	-15.4	302.6	309.6	2.3	14.2	2.0	178.
3.3	17.3	1221.6	875.0	18.0	-9.5	356.4	15.3	1.0	-15.3	302.7	309.1	2.1	14.4	2.7	178.
4.1	19.7	1469.2	850.0	17.9	-7.5	354.3	13.7	1.4	-13.6	305.3	312.9	2.6	16.9	3.4	177.
5.0	22.0	1723.3	825.0	15.8	-3.5	1.3	10.2	-0.2	-10.2	305.8	316.3	3.6	26.3	4.0	177.
5.9	24.5	1983.5	800.0	13.6	4.0	341.0	7.8	2.5	-7.3	306.5	324.8	6.5	53.1	4.6	177.
6.9	26.9	2250.5	775.0	11.7	11.3	288.7	4.9	4.6	-1.6	307.8	338.2	11.0	97.6	4.9	174.
7.8	29.5	2525.4	750.0	10.2	10.2	205.5	5.5	2.4	5.0	309.1	338.5	10.5	100.8	4.8	172.
8.9	32.1	2807.7	725.0	8.6	8.6	193.8	8.6	2.1	8.4	310.2	337.7	9.8	100.4	4.3	170.
10.4	34.9	3097.5	700.0	5.9	4.2	199.2	9.8	3.2	9.3	310.0	331.2	7.5	89.3	3.5	162.
11.6	37.3	3395.2	675.0	5.2	-4.3	203.3	11.8	4.7	10.8	312.0	325.5	4.6	56.8	3.0	155.
13.0	40.2	3703.3	650.0	4.4	-22.9	215.4	13.3	7.7	10.8	314.0	317.0	0.9	11.6	2.5	133.
14.1	42.9	4020.8	625.0	1.9	-27.6	214.2	13.7	7.7	11.3	314.6	316.7	0.6	9.0	2.6	114.
15.2	45.8	4348.2	600.0	-0.7	-19.4	213.1	15.6	8.5	13.1	315.4	319.9	1.4	23.1	2.9	94.
16.4	48.8	4686.5	575.0	-3.3	-17.5	222.0	19.8	13.2	14.7	316.3	321.7	1.7	32.2	3.7	78.
17.6	51.6	5036.5	550.0	-5.9	-21.1	225.4	25.3	18.0	17.8	317.3	321.5	1.3	28.9	5.2	68.
18.9	54.7	5399.1	525.0	-8.7	-23.2	228.9	26.0	19.6	17.1	318.0	321.7	1.1	29.8	7.2	62.
20.3	57.7	5774.7	500.0	-12.0	-41.6	234.1	21.8	17.6	12.8	318.4	319.3	0.2	7.8	9.2	59.
21.8	61.0	6165.5	475.0	-14.6	-59.2	238.0	20.3	17.2	10.8	319.8	320.0	0.0	1.0	11.0	59.
23.3	64.4	6572.4	450.0	-18.0	-61.4	236.2	20.5	17.0	11.4	320.5	320.6	0.0	1.0	12.8	59.
24.9	67.7	6997.5	425.0	-20.5	-63.0	235.0	21.3	17.5	12.2	322.6	322.7	0.0	1.0	14.8	58.
26.6	71.0	7443.7	400.0	-23.0	-64.6	231.6	27.2	21.3	16.9	325.0	325.0	0.0	1.0	17.2	58.
28.5	74.8	7912.8	375.0	-26.8	-62.3	231.5	28.3	22.2	17.6	326.1	326.2	0.0	1.9	20.4	57.
30.4	78.7	8406.7	350.0	-30.7	-63.0	231.9	28.8	22.6	17.8	327.2	327.3	0.0	2.5	23.6	56.
32.2	82.6	8928.8	325.0	-34.0	-71.8	228.1	30.5	22.8	20.4	329.7	329.7	0.0	1.0	26.8	55.
34.1	86.7	9484.0	300.0	-38.7	99.9	233.3	29.0	23.3	17.3	330.8	999.9	99.9	999.9	30.0	55.
36.2	91.2	10076.8	275.0	-41.5	99.9	239.3	38.0	32.7	19.4	335.1	999.9	99.9	999.9	34.1	55.
38.7	95.8	10717.5	250.0	-46.5	99.9	240.2	41.7	36.2	20.7	337.0	999.9	99.9	999.9	40.2	55.
40.9	100.7	11410.0	225.0	-51.2	99.9	237.6	45.0	38.0	24.1	340.1	999.9	99.9	999.9	46.2	56.
43.7	106.2	12166.1	200.0	-55.6	99.9	241.3	46.8	41.1	22.4	344.8	999.9	99.9	999.9	53.7	56.
46.5	112.0	13006.1	175.0	-61.7	99.9	244.6	46.9	42.3	20.1	348.2	999.9	99.9	999.9	62.4	57.
49.7	118.3	13944.9	150.0	-66.6	99.9	242.5	36.8	32.6	17.0	355.3	999.9	99.9	999.9	72.2	58.
53.3	125.3	15043.9	125.0	-69.8	99.9	244.9	32.9	29.8	14.0	368.5	999.9	99.9	999.9	78.9	59.
57.6	133.0	16358.1	100.0	-72.4	99.9	247.4	28.1	25.9	10.8	387.9	999.9	99.9	999.9	85.7	59.
63.2	141.0	18065.0	75.0	-66.0	99.9	250.5	8.0	7.6	2.7	434.5	999.9	99.9	999.9	92.4	59.
70.9	149.7	20558.8	50.0	-58.9	99.9	46.7	1.2	-0.9	-0.8	504.8	999.9	99.9	999.9	94.1	59.
83.3	158.7	24962.1	25.0	-50.9	99.9	129.4	2.5	-1.9	1.6	638.6	999.9	99.9	999.9	94.2	59.

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

STATION NO. 265
MIDLAND, TEX

28 APRIL 1975
1115 GMT

142 49. 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	912.6	7.2	-7.2	330.0	4.2	2.1	-3.6	288.1	294.9	2.4	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.
0.5	13.2	989.4	900.0	15.4	-4.0	312.4	10.6	7.9	-7.2	297.8	306.9	3.2	25.9	0.2	136.
1.4	15.4	1227.7	875.0	14.4	-5.6	330.0	9.1	4.5	-7.9	299.2	307.5	2.9	24.6	0.7	139.
2.3	17.6	1471.8	850.0	13.3	-6.9	337.2	7.1	2.7	-6.5	300.4	308.2	2.7	23.8	1.2	146.
3.1	20.0	1721.9	825.0	11.8	-8.2	349.5	4.7	0.9	-4.6	301.4	308.7	2.5	23.9	1.4	149.
4.0	22.2	1978.2	800.0	9.6	-10.0	351.6	3.8	0.6	-3.8	301.7	308.3	2.2	24.0	1.6	152.
4.9	24.7	2240.5	775.0	7.5	-11.7	349.3	4.7	[illegible]	-4.6	302.2	308.2	2.0	24.0	1.8	154.
5.9	27.1	2509.6	750.0	6.6	-13.6	286.3	8.0	[illegible]	-2.2	304.0	309.4	1.8	21.8	2.1	152.
6.9	29.7	2787.4	725.0	6.0	-14.2	271.6	16.4	[illegible]	-0.5	306.2	311.6	1.8	21.9	2.6	139.
7.9	32.4	3073.7	700.0	4.2	-14.9	261.8	19.0	18.8	2.7	307.4	312.7	1.7	23.3	3.4	125.
8.9	35.2	3368.7	675.0	2.8	-17.3	250.2	21.1	19.9	7.2	309.0	313.6	1.5	21.0	4.3	113.
9.9	37.9	3673.5	650.0	1.7	-15.7	236.0	23.0	19.1	12.9	311.0	316.4	1.7	26.0	5.3	102.
10.9	40.6	3988.2	625.0	-0.9	-16.9	231.3	23.6	18.4	14.8	311.6	316.7	1.6	28.4	6.3	91.
11.8	43.5	4312.3	600.0	-3.7	-17.6	229.2	22.5	17.0	14.7	312.0	317.0	1.6	33.0	7.4	85.
12.9	46.6	4647.0	575.0	-6.1	-18.0	224.6	25.3	17.8	18.0	313.0	318.1	1.6	38.3	8.6	78.
14.2	49.8	4993.7	550.0	-8.4	-20.3	226.7	33.2	24.1	22.7	314.3	318.7	1.4	37.3	10.4	72.
15.5	52.9	5352.7	525.0	-11.1	-27.7	228.5	31.1	23.3	20.6	315.1	317.6	0.7	24.0	13.1	67.
16.7	56.0	5726.0	500.0	-12.9	-32.2	235.8	26.9	22.2	15.1	317.3	319.1	0.5	18.0	15.0	65.
18.2	59.4	6114.7	475.0	-16.3	-34.6	240.4	25.9	22.5	12.8	317.8	319.3	0.4	18.7	17.3	64.
19.7	63.1	6518.9	450.0	-19.5	-36.5	236.6	26.6	22.2	14.6	318.7	320.0	[illegible]4	20.3	19.6	63.
21.2	66.7	6941.6	425.0	-22.4	-38.9	238.4	26.9	22.9	14.1	320.2	321.3	0.3	20.5	22.0	63.
22.7	70.4	7383.8	400.0	-25.9	-41.4	238.1	29.5	25.1	15.6	321.3	322.2	0.2	21.6	24.7	62.
24.4	74.3	7847.6	375.0	-29.7	-44.2	238.4	31.4	26.7	16.4	322.2	323.0	0.2	22.8	27.7	62.
26.3	78.7	8336.5	350.0	-32.8	-46.8	241.5	31.9	28.0	15.2	324.4	325.0	0.2	22.8	31.3	62.
28.5	82.8	8853.7	325.0	-36.7	-50.2	237.6	33.3	28.1	17.9	326.0	326.4	0.1	23.1	35.5	61.
30.9	87.2	9403.7	300.0	-40.8	99.9	237.3	30.5	25.7	16.5	327.8	999.9	99.9	999.9	40.1	61.
33.3	92.2	9991.1	275.0	-44.9	99.9	235.0	39.5	32.3	22.7	330.2	999.9	99.9	999.9	45.0	60.
35.8	97.0	10623.5	250.0	-48.7	99.9	235.3	38.4	31.6	21.9	333.6	999.9	99.9	999.9	50.7	60.
38.4	102.3	11309.6	225.0	-53.3	99.9	235.3	40.3*	33.1	23.0	336.9	999.9	99.9	999.9	56.9	59.
41.1	108.3	12060.6	200.0	-58.0	99.9	236.0	37.2*	30.8	20.8	341.0	999.9	99.9	999.9	63.6	59.
43.8	114.3	12896.9	175.0	-61.3	99.9	236.2	37.9*	31.5	21.1	348.8	999.9	99.9	999.9	69.8	59.
47.1	121.0	13848.0	150.0	-63.1	99.9	239.8	35.9*	31.1	18.1	361.3	999.9	99.9	999.9	77.2	59.
51.2	128.3	14967.8	125.0	-64.6	99.9	239.5	27.0*	23.3	13.7	378.0	999.9	99.9	999.9	85.2	59.
55.8	136.3	16329.5	100.0	-66.5	99.9	233.4	25.3*	20.3	15.1	399.3	999.9	99.9	999.9	93.0	58.
62.1	144.0	18078.7	75.0	-64.7	99.9	254.8	9.4*	9.1	2.5	437.3	999.9	99.9	999.9	98.8	59.
71.4	152.7	20595.5	50.0	-60.7	99.9	999.9	99.9	99.9	99.9	500.6	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. 270
EL PASO, TEX

28 APRIL 1975
1115 GMT

144 19. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.1	1193.0	879.5	3.8	-11.3	250.0	2.6	2.4	-0.9	287.5	292.7	1.8	32.0	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.
0.2	16.6	1235.1	875.0	6.0	-12.5	292.3	1.1	1.0	-0.4	290.3	295.1	1.7	25.7	0.1	59.
1.0	18.9	1475.4	850.0	11.4	-14.0	292.9	2.3	2.1	-0.9	298.3	302.8	1.5	15.4	0.2	111.
1.8	21.1	1723.8	825.0	10.2	-15.0	291.6	7.8	7.2	-2.9	299.6	303.9	1.4	15.3	0.5	112.
2.7	23.5	1978.8	800.0	8.4	-15.8	287.1	10.2	9.8	-3.0	300.3	304.5	1.4	16.2	1.0	112.
3.5	25.8	2240.0	775.0	6.6	-15.9	271.6	13.6	13.6	-0.4	301.1	305.4	1.4	18.1	1.5	107.
4.3	28.2	2507.9	750.0	4.6	-16.2	264.4	14.3	14.3	1.4	301.7	306.1	1.4	20.4	2.2	101.
5.0	30.7	2783.0	725.0	3.1	-19.0	268.2	14.2	14.2	0.4	303.0	306.7	1.2	17.8	2.8	97.
5.7	33.4	3066.3	700.0	1.2	-20.8	274.6	12.9	12.9	-1.0	303.9	307.1	1.0	17.4	3.4	97.
6.5	35.8	3357.2	675.0	-1.5	-23.8	269.7	11.2	11.2	0.1	304.0	306.6	0.8	16.4	4.0	96.
7.5	38.5	3656.1	650.0	-4.0	-25.8	262.6	11.6	11.5	1.5	304.5	306.7	0.7	16.4	4.6	95.
8.4	41.1	3964.7	625.0	-4.7	-30.2	257.7	13.5	13.2	2.9	307.1	308.7	0.5	11.5	5.3	93.
9.7	43.9	4285.4	600.0	-5.3	-29.3	253.9	17.3	16.7	4.8	310.0	311.9	0.6	13.0	6.3	90.
10.8	46.8	4617.9	575.0	-8.0	-29.9	249.9	18.5	17.3	6.3	310.7	312.5	0.5	15.1	7.5	87.
12.0	49.8	4961.5	550.0	-10.4	-31.8	248.9	20.1	18.7	7.2	311.7	313.3	0.5	15.3	8.8	84.
13.1	52.6	5317.6	525.0	-13.5	-34.1	251.0	20.4	19.3	6.7	312.2	313.6	0.4	15.5	10.2	82.
14.3	55.6	5687.0	500.0	-16.0	-36.1	250.9	21.2	20.0	6.9	313.5	314.7	0.3	15.7	11.6	81.
15.4	58.8	6070.9	475.0	-19.1	-38.5	248.1	23.6	21.9	8.8	314.4	315.3	0.3	16.0	13.1	80.
16.6	62.1	6471.2	450.0	-21.7	-40.6	244.2	22.9	20.6	9.9	315.9	316.7	0.2	16.2	14.8	78.
18.0	65.4	6890.3	425.0	-24.7	-42.9	239.9	21.1	18.2	10.6	317.4	318.1	0.2	16.4	16.4	76.
19.4	68.9	7328.5	400.0	-27.5	-45.2	237.8	21.4	18.1	11.4	319.1	319.7	0.2	16.6	18.3	75.
20.9	72.3	7789.2	375.0	-31.7	-48.5	236.4	21.6	18.0	12.0	319.5	320.0	0.1	17.0	20.0	73.
22.5	76.1	8273.0	350.0	-35.5	-51.6	239.0	23.2	19.9	12.0	320.8	321.1	0.1	17.3	22.1	71.
24.2	80.1	8784.5	325.0	-39.6	99.9	241.9	24.8	21.9	11.7	322.0	999.9	99.9	999.9	24.6	70.
26.2	84.3	9327.6	300.0	-43.7	99.9	239.2	27.8	23.9	14.2	323.7	999.9	99.9	999.9	27.5	69.
28.2	88.6	9906.3	275.0	-48.4	99.9	233.8	24.8	20.0	14.7	325.2	999.9	99.9	999.9	30.8	68.
30.3	93.2	10529.3	250.0	-50.7	99.9	239.9	32.7	28.3	16.4	330.8	999.9	99.9	999.9	34.2	67.
32.7	98.2	11210.2	225.0	-54.8	99.9	243.3	34.4	30.7	15.5	334.6	999.9	99.9	999.9	39.0	66.
35.2	103.4	11953.2	200.0	-60.4	99.9	239.8	36.5	31.6	18.4	337.2	999.9	99.9	999.9	44.3	66.
38.5	109.3	12780.8	175.0	-62.0	99.9	246.3	36.8	33.7	14.8	347.7	999.9	99.9	999.9	51.5	65.
42.1	115.4	13735.2	150.0	-61.5	99.9	244.7	32.8	29.6	14.0	364.1	999.9	99.9	999.9	59.1	65.
46.1	122.3	14862.4	125.0	-61.9	99.9	252.6	27.4	26.2	8.2	382.9	999.9	99.9	999.9	66.6	66.
51.0	130.3	16235.9	100.0	-65.3	99.9	232.5	16.2	12.8	9.8	401.6	999.9	99.9	999.9	72.5	66.
57.1	138.7	18002.9	75.0	-65.6	99.9	240.8	12.2	10.7	6.0	435.5	999.9	99.9	999.9	77.9	65.
65.2	147.3	20499.5	50.0	-60.1	99.9	45.5	2.5	-1.8	-1.8	502.0	999.9	99.9	999.9	80.7	65.
77.8	156.7	24908.8	25.0	-52.1	99.9	296.7	1.8	1.6	-0.8	635.1	999.9	99.9	999.9	80.3	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. 327
NASHVILLE, TENN

28 APRIL 1975
1115 GMT

158 16. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	991.4	20.0	18.1	180.0	4.2	0.0	4.2	295.7	330.4	13.4	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.
0.5	6.5	324.6	975.0	20.5	16.5	306.6	10.5	8.4	-6.3	297.5	329.6	12.2	77.5	0.7	33.
1.3	8.5	549.5	950.0	20.0	14.9	260.4	14.0	13.8	2.3	299.0	329.1	11.3	72.6	0.9	59.
2.2	10.5	780.0	925.0	19.4	14.3	255.2	16.5	15.9	4.2	300.7	330.7	11.2	72.2	1.8	67.
3.0	12.5	1015.5	900.0	17.4	14.1	253.6	14.5	13.9	4.1	301.0	331.5	11.4	81.2	2.6	69.
4.0	14.7	1256.0	875.0	15.2	13.5	251.1	12.5	11.8	4.0	301.1	331.3	11.2	89.4	3.4	70.
5.0	16.7	1501.6	850.0	13.1	12.2	248.9	12.3	11.4	4.4	301.3	329.9	10.6	94.5	4.1	70.
5.9	18.9	1752.5	825.0	11.8	4.6	241.3	11.3	9.9	5.4	302.0	320.1	6.6	61.9	4.7	69.
6.9	21.0	2010.0	800.0	11.4	-2.2	236.6	12.4	10.4	6.8	303.9	315.6	4.1	38.6	5.4	68.
7.8	23.3	2274.8	775.0	10.1	-5.2	241.1	13.6	11.9	6.6	305.1	314.9	3.3	33.5	6.1	67.
8.8	25.6	2546.7	750.0	8.6	-9.6	241.2	13.8	12.1	6.7	306.2	313.6	2.5	26.4	7.0	66.
9.9	27.9	2826.0	725.0	7.7	-21.2	239.7	14.5	12.5	7.3	308.1	311.2	1.0	10.7	7.8	65.
11.0	30.4	3114.9	700.0	7.3	-15.3	244.1	15.5	14.0	6.8	310.8	316.0	1.7	18.1	8.9	65.
12.2	32.9	3413.7	675.0	6.8	-15.7	249.1	16.3	15.3	5.8	313.4	318.7	1.7	18.2	10.0	65.
13.3	35.4	3722.5	650.0	4.6	-16.4	251.0	16.2	15.3	5.3	314.3	319.5	1.6	20.0	11.2	66.
14.6	37.9	4040.0	625.0	1.6	-16.2	251.5	15.0	14.2	4.8	314.5	319.9	1.7	25.3	12.2	66.
15.8	40.5	4367.5	600.0	-0.9	-20.5	247.5	16.4	15.1	6.3	315.2	319.2	1.3	21.0	13.4	67.
17.1	43.2	4705.5	575.0	-3.2	-16.9	249.3	15.8	14.8	5.6	316.4	322.1	1.8	34.4	14.6	67.
18.3	46.0	5055.5	550.0	-5.7	-12.8	258.5	17.3	16.9	3.4	317.6	325.7	2.6	57.3	15.8	67.
19.6	49.0	5417.9	525.0	-9.4	-13.4	259.7	19.4	19.0	3.8	317.4	325.4	2.6	72.5	17.3	68.
21.0	51.8	5793.5	500.0	-12.2	-17.6	257.9	19.4	19.0	4.1	318.3	324.4	1.9	63.9	18.8	69.
22.6	55.0	6183.5	475.0	-15.5	-18.9	256.5	21.6	21.0	5.0	318.9	324.7	1.8	75.1	20.8	70.
24.3	58.0	6589.9	450.0	-17.7	-22.6	256.0	22.5	21.9	5.4	321.1	325.6	1.4	65.4	23.1	70.
26.0	61.4	7016.3	425.0	-19.8	-26.7	257.3	20.5	20.0	4.5	323.7	327.1	1.0	53.9	25.3	71.
27.7	64.9	7463.5	400.0	-23.4	-33.8	261.3	20.1	19.9	3.1	324.5	326.4	0.5	37.5	27.3	72.
29.4	68.3	7932.0	375.0	-27.5	-35.9	265.1	20.7	20.6	1.8	325.1	326.8	0.5	44.3	29.5	72.
31.2	71.8	8425.1	350.0	-30.8	-35.4	264.3	19.3	19.2	1.9	327.1	329.0	0.5	63.8	31.6	73.
33.2	75.8	8947.1	325.0	-34.8	-39.5	262.7	22.6	22.5	2.9	328.7	330.0	0.4	61.8	33.8	74.
35.3	80.0	9501.8	300.0	-38.6	-43.3	269.3	18.6	18.6	0.2	330.9	331.9	0.3	60.7	36.8	75.
37.6	84.2	10093.3	275.0	-43.7	99.9	267.9	22.8	22.8	0.9	331.9	999.9	99.9	999.9	39.5	76.
40.1	88.6	10726.8	250.0	-48.1	99.9	263.7	26.5	26.4	2.9	334.6	999.9	99.9	999.9	42.9	77.
42.7	93.6	11413.1	225.0	-53.6	99.9	263.4	27.5	27.3	3.2	336.4	999.9	99.9	999.9	46.9	77.
45.5	98.8	12160.4	200.0	-59.6	99.9	260.6	23.9	23.6	3.9	338.4	999.9	99.9	999.9	50.7	78.
48.5	104.3	12983.9	175.0	-65.8	99.9	264.8	31.2	31.1	2.8	341.3	999.9	99.9	999.9	56.1	78.
52.0	110.8	13914.2	150.0	-68.7	99.9	279.7	33.9	33.4	-5.7	351.8	999.9	99.9	999.9	62.5	80.
56.1	117.7	15013.4	125.0	-64.6	99.9	293.2	20.5	18.8	-8.1	378.0	999.9	99.9	999.9	69.4	82.
61.1	126.0	16362.5	100.0	-67.3	99.9	303.4	13.6	11.4	-7.5	397.8	999.9	99.9	999.9	73.3	84.
67.3	135.7	18092.5	75.0	-66.6	99.9	6.6	6.0	-0.7	-5.9	433.4	999.9	99.9	999.9	76.2	86.
76.3	146.0	20595.6	50.0	-58.8	99.9	87.1	17.0	-16.9	-0.9	505.0	999.9	99.9	999.9	74.1	88.
90.1	158.0	25023.7	25.0	-52.9	99.9	53.1	5.7	-4.6	-3.4	632.7	999.9	99.9	999.9	69.1	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. 340
LITTLE ROCK, ARK

28 APRIL 1975
1115 GMT

165 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
0.0	5.9	79.0	1001.4	20.0	17.2	200.0	2.6	0.9	2.4	294.7	327.1	12.5	84.0	0.0	0.
0.1	6.0	91.1	1000.0	19.7	17.8	251.3	2.1	2.0	0.7	294.5	328.1	12.9	88.8	0.1	359.
0.7	8.3	309.6	975.0	18.5	17.2	244.5	3.9	3.5	1.7	295.5	328.8	12.8	92.0	0.1	13.
1.5	10.4	532.9	950.0	17.8	16.6	227.3	11.7	8.6	8.0	297.0	330.2	12.6	92.5	0.5	50.
2.3	12.6	761.9	925.0	17.8	16.3	228.5	14.0	10.5	9.3	299.2	332.9	12.7	91.0	1.1	46.
3.1	14.9	996.7	900.0	16.8	15.1	238.1	15.8	13.4	8.3	300.4	332.7	12.1	89.8	1.8	49.
3.9	17.1	1237.2	875.0	15.4	14.0	248.5	15.4	14.4	5.6	301.4	332.5	11.6	91.0	2.6	54.
4.7	19.5	1483.3	850.0	14.0	12.5	254.4	15.7	15.2	4.2	302.3	331.5	10.8	90.4	3.3	58.
5.6	21.8	1735.3	825.0	12.5	11.0	256.1	13.8	13.4	3.3	303.2	330.6	10.0	90.1	4.1	61.
6.6	24.3	1993.4	800.0	10.3	8.9	251.0	13.4	12.6	4.4	303.3	328.1	9.0	90.9	4.9	63.
7.5	26.6	2257.4	775.0	8.2	5.0	245.2	13.0	11.8	5.5	303.6	323.4	7.1	80.6	5.6	64.
8.4	29.2	2527.8	750.0	6.7	2.2	239.2	12.3	10.5	6.3	304.6	321.6	6.0	73.2	6.2	64.
9.4	32.0	2806.2	725.0	6.4	-4.4	235.8	12.3	10.2	6.9	306.9	318.0	3.8	45.8	7.0	63.
10.3	34.8	3093.4	700.0	4.0	-0.1	232.8	13.1	10.4	7.9	307.6	323.2	5.4	74.4	7.6	62.
11.2	37.3	3388.7	675.0	2.3	-18.2	222.0	15.6	10.4	11.6	308.6	317.5	3.0	45.0	8.3	61.
12.2	40.2	3692.9	650.0	1.6	-48.9	217.1	20.0	12.1	16.0	310.8	311.1	0.1	1.0	9.3	58.
13.1	42.9	4008.4	625.0	1.0	-49.3	217.3	21.2	12.9	16.9	313.6	313.8	0.1	1.0	10.5	56.
14.3	45.9	4335.0	600.0	-0.9	-50.5	213.2	21.6	11.8	18.1	315.0	315.2	0.1	1.0	12.0	54.
15.6	48.9	4672.6	575.0	-3.8	-52.4	210.2	22.7	11.4	19.6	315.5	315.7	0.0	1.0	13.6	51.
16.8	51.8	5022.6	550.0	-5.6	-8.3	212.1	23.0	12.2	19.5	317.8	329.2	3.7	81.3	15.1	49.
17.8	55.0	5385.9	525.0	-8.3	-13.2	217.0	25.0	15.1	20.0	318.8	327.0	2.6	67.3	16.4	47.
18.9	58.0	5763.0	500.0	-10.9	-18.1	224.3	28.4	19.9	20.3	320.0	325.9	1.8	55.1	18.2	47.
20.1	61.4	6154.7	475.0	-14.5	-22.2	225.5	29.8	21.3	20.9	320.2	324.6	1.3	51.6	20.3	47.
21.5	65.0	6562.4	450.0	-16.8	-34.7	222.0	31.2	20.9	23.2	322.2	323.7	0.4	19.3	22.9	46.
23.0	68.4	6990.4	425.0	-19.0	-62.0	225.3	30.7	21.8	21.6	324.6	324.7	0.0	1.0	25.5	46.
24.5	72.0	7439.3	400.0	-21.8	-51.6	227.5	30.4	22.4	20.5	326.7	327.0	0.1	4.7	28.4	46.
26.2	76.1	7911.8	375.0	-25.5	-57.5	229.6	27.4	20.9	17.8	327.8	327.9	0.0	3.3	31.2	46.
27.9	80.1	8408.1	350.0	-29.7	-41.5	229.5	28.1	21.3	18.2	328.6	329.6	0.3	30.7	34.1	47.
30.0	84.2	8931.5	325.0	-34.1	-46.3	236.8	26.4	22.1	14.5	329.5	330.2	0.2	28.1	37.5	47.
32.0	88.5	9488.0	300.0	-37.9	-74.4	243.5	34.3	30.7	15.3	331.8	331.8	0.0	1.0	41.4	48.
33.9	93.3	10081.3	275.0	-42.9	99.9	245.3	32.7	29.7	13.7	333.1	999.9	99.9	999.9	44.7	50.
35.9	98.2	10717.2	250.0	-48.0	99.9	252.4	29.5	28.1	8.9	334.8	999.9	99.9	999.9	48.1	51.
38.1	103.4	11404.1	225.0	-53.2	99.9	248.3	34.3	31.8	12.7	337.0	999.9	99.9	999.9	52.3	53.
40.5	109.3	12150.8	200.0	-59.9	99.9	247.8	39.0	36.1	14.8	337.9	999.9	99.9	999.9	57.7	54.
43.0	115.2	12975.9	175.0	-63.5	99.9	257.9	47.4	46.4	9.9	345.2	999.9	99.9	999.9	63.4	56.
45.7	122.0	13916.3	150.0	-66.4	99.9	261.0	30.0	29.6	4.7	355.7	999.9	99.9	999.9	69.6	58.
49.8	129.7	15018.5	125.0	-64.7	99.9	237.4	25.4	21.4	13.7	377.8	999.9	99.9	999.9	77.6	59.
54.4	137.7	16373.7	100.0	-67.1	99.9	266.2	10.7	10.7	0.7	398.1	999.9	99.9	999.9	83.1	60.
60.1	146.0	18111.8	75.0	-64.6	99.9	82.5	2.6	-2.6	-0.3	437.4	999.9	99.9	999.9	86.7	60.
68.3	155.7	20592.0	50.0	-61.1	99.9	110.0	3.0	-2.9	1.0	499.7	999.9	99.9	999.9	84.7	60.
80.0	165.7	24989.3	25.0	-53.3	99.9	94.2	7.0	-7.0	0.5	631.9	999.9	99.9	999.9	83.3	59.

* 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

28 APRIL 1975
1115 GMT

155 13. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	438.0	957.7	13.6	12.7	200.0	5.2	1.8	4.9	291.6	316.7	9.7	94.0	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	10.6	506.5	950.0	14.2	12.1	233.6	3.8	3.1	2.3	292.9	317.5	9.4	87.1	0.3	18.
1.1	12.9	732.5	925.0	16.4	-1.4	248.4	7.7	7.2	2.8	296.6	307.2	3.8	30.1	0.6	41.
2.0	15.2	965.1	900.0	15.6	-10.2	253.3	12.2	11.7	3.5	297.9	303.6	2.0	15.9	1.2	55.
2.8	17.5	1202.8	875.0	13.8	-13.7	258.8	14.1	13.9	2.8	298.3	302.8	1.5	13.4	1.8	62.
3.8	20.0	1446.1	850.0	12.7	-17.1	261.1	18.5	18.3	2.9	299.6	303.2	1.2	10.9	2.7	69.
4.7	22.2	1696.6	825.0	12.7	-18.5	252.3	19.3	18.4	5.9	302.2	305.5	1.1	9.6	3.7	71.
5.5	24.8	1953.4	800.0	10.6	-13.2	240.0	17.8	15.4	8.9	302.6	307.9	1.8	17.7	4.7	70.
6.4	27.2	2216.9	775.0	9.5	-12.5	229.6	21.1	16.0	13.6	304.3	310.0	1.9	20.0	5.7	67.
7.4	29.9	2488.2	750.0	8.5	-20.0	230.1	21.7	16.6	13.9	305.9	309.2	1.0	11.3	6.8	64.
8.4	32.6	2767.1	725.0	6.4	-22.5	234.8	23.7	19.4	13.7	306.5	309.3	0.9	10.5	8.2	62.
9.4	35.2	3054.5	700.0	7.1	-20.7	241.2	29.2	25.6	14.1	310.5	313.8	1.1	11.7	9.7	61.
10.5	37.9	3352.4	675.0	5.1	-19.1	243.3	32.5	29.0	14.6	311.5	315.5	1.2	15.3	11.8	62.
11.7	40.6	3659.1	650.0	2.6	-18.7	244.4	33.6	30.3	14.5	312.1	316.4	1.3	18.9	14.2	62.
12.9	43.4	3974.4	625.0	-0.4	-19.3	245.0	34.9	31.6	14.7	312.2	316.4	1.3	22.3	16.8	62.
14.2	46.3	4299.0	600.0	-3.3	-20.4	245.7	34.6	31.5	14.3	312.4	316.4	1.3	25.1	19.5	63.
15.5	49.4	4634.3	575.0	-5.0	-30.2	240.8	34.4	30.0	16.8	314.2	316.0	0.5	11.7	22.1	63.
16.7	52.3	4982.0	550.0	-7.4	-34.2	233.8	32.2	26.0	19.0	315.3	316.7	0.4	9.5	24.6	62.
18.0	55.4	5342.3	525.0	-10.2	-33.1	229.3	31.4*	23.8	20.5	316.1	317.7	0.4	13.3	26.9	61.
19.3	58.5	5716.5	500.0	-12.5	-27.3	228.3	36.5*	27.3	24.3	317.9	320.6	0.8	28.1	29.5	60.
20.8	61.9	6107.5	475.0	-13.8	-35.6	227.2	35.6*	26.1	24.2	320.9	322.3	0.4	13.9	32.9	59.
22.1	65.3	6516.9	450.0	-16.3	-38.3	224.3	32.5*	22.7	23.3	322.7	323.8	0.3	12.9	35.4	58.
23.6	68.6	6944.9	425.0	-19.0	-45.3	225.7	39.1*	28.0	27.3	324.6	325.2	0.2	7.6	38.4	57.
25.2	72.1	7393.2	400.0	-22.7	-47.7	225.9	38.5*	27.6	26.8	325.5	326.0	0.1	8.0	42.1	56.
26.7	75.8	7863.7	375.0	-26.1	-49.0	218.6	28.1*	17.5	22.0	327.0	327.5	0.1	9.4	44.9	55.
28.5	79.9	8359.2	350.0	-30.2	-46.8	224.8	51.8*	36.5	36.8	328.0	328.6	0.2	18.1	49.1	54.
30.4	83.8	8882.4	325.0	-34.0	-47.3	214.2	29.2*	16.4	24.2	329.8	330.4	0.2	24.4	54.0	53.
32.4	88.0	9438.2	300.0	-38.3	-46.7	216.7	41.8*	25.0	33.5	331.3	332.1	0.2	40.3	57.4	52.
34.1	92.5	10029.7	275.0	-44.0	99.9	222.7	50.5*	34.2	37.1	331.5	999.9	99.9	999.9	62.2	51.
36.1	97.0	10661.8	250.0	-49.0	99.9	221.6	38.6*	25.6	28.9	333.2	999.9	99.9	999.9	68.2	50.
38.6	102.0	11345.7	225.0	-54.1	99.9	223.7	30.8*	21.3	22.3	335.7	999.9	99.9	999.9	72.7	50.
41.1	107.5	12094.1	200.0	-59.0	99.9	236.6	40.8*	34.1	22.5	339.3	999.9	99.9	999.9	77.6	50.
44.1	113.3	12927.2	175.0	-62.1	99.9	239.5	41.6*	35.9	21.1	347.4	999.9	99.9	999.9	85.8	50.
47.3	119.5	13884.0	150.0	-60.7	99.9	238.2	32.2*	27.4	17.0	365.6	999.9	99.9	999.9	93.0	51.
51.3	126.5	15017.2	125.0	-62.0	99.9	238.8	12.0*	10.3	6.2	382.7	999.9	99.9	999.9	96.7	51.
56.0	134.3	16337.9	100.0	-64.1	99.9	13.1	4.7*	-1.1	-4.6	404.0	999.9	99.9	999.9	103.0	52.
62.1	142.0	18165.6	75.0	-60.9	99.9	232.9	12.2*	9.7	7.4	445.2	999.9	99.9	999.9	104.0	52.
70.3	150.5	20681.5	50.0	-58.1	99.9	68.3	12.0	-11.1	-4.4	506.7	999.9	99.9	999.9	105.4	51.
82.6	159.5	25121.9	25.0	-48.6	99.9	64.2	5.8	-5.2	-2.5	645.1	999.9	99.9	999.9	100.8	49.

* 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 OKC

28 APRIL 1975
1115 GMT

158 14. 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 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	392.0	962.2	8.3	0.5	240.0	5.2	4.5	2.6	285.1	296.1	4.1	58.0	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	499.5	950.0	17.0	6.2	359.1	7.6	0.1	-7.6	295.3	312.5	6.4	49.6	1.0	75.
1.2	12.1	726.4	925.0	15.8	-1.3	286.1	13.8	13.3	-3.8	295.9	306.5	3.8	31.0	1.2	89.
2.1	14.4	958.2	900.0	14.3	-2.9	272.6	14.2	14.2	-0.6	296.7	306.4	3.4	30.2	2.1	92.
2.9	16.5	1195.5	875.0	13.7	-4.5	263.7	17.5	17.4	1.9	298.4	307.4	3.1	27.9	2.8	91.
3.8	18.8	1439.1	850.0	12.6	-5.8	262.7	18.8	18.6	2.4	299.8	308.2	2.9	27.0	3.8	88.
4.8	21.0	1688.7	825.0	11.2	-7.6	266.1	17.6	17.6	1.2	300.8	308.5	2.6	26.0	4.9	88.
5.7	23.5	1945.1	800.0	10.1	-8.5	261.9	19.0	18.8	2.7	302.3	309.7	2.5	26.0	5.9	87.
6.7	25.8	2208.3	775.0	8.9	-9.9	252.2	18.3	17.4	5.6	303.7	310.6	2.3	25.2	6.9	86.
7.7	28.3	2479.6	750.0	8.8	-10.0	242.7	20.3	18.0	9.3	306.5	313.6	2.4	25.1	8.0	83.
8.8	30.9	2758.6	725.0	6.2	-12.3	238.3	22.8	19.4	12.0	306.5	312.7	2.1	25.2	9.3	80.
9.8	33.6	3044.8	700.0	4.1	-14.0	237.3	25.9	21.8	14.0	307.2	312.9	1.8	25.3	10.7	77.
11.0	36.0	3340.3	675.0	4.0	-14.1	233.4	32.1	25.7	19.1	310.4	316.2	1.9	25.3	12.6	73.
12.3	38.8	3646.8	650.0	2.8	-14.3	231.0	37.0	28.7	23.3	312.3	318.3	1.9	27.0	15.2	70.
13.5	41.4	3962.3	625.0	-0.2	-15.4	231.7	37.4	29.4	23.2	312.4	318.2	1.8	30.7	17.9	67.
14.6	44.3	4287.4	600.0	-3.1	-14.5	234.6	38.0	31.0	22.0	312.8	319.2	2.1	40.8	20.3	65.
15.8	47.4	4622.5	575.0	-6.2	-17.8	238.8	37.8*	32.4	19.6	312.9	318.1	1.6	39.0	23.1	64.
17.2	50.4	4968.4	550.0	-9.3	-19.8	242.4	41.5*	36.8	19.3	313.2	317.8	1.4	42.1	26.2	64.
18.8	53.5	5326.1	525.0	-12.5	-22.6	243.8	42.2*	37.9	18.6	313.5	317.3	1.2	42.5	30.4	64.
20.2	56.6	5696.9	500.0	-14.6	-29.9	244.2	35.0*	31.5	15.2	315.3	317.4	0.6	25.8	33.7	64.
21.6	59.9	6084.4	475.0	-16.3	-30.9	238.4	30.7*	26.2	16.1	317.9	319.9	0.6	26.8	36.4	64.
23.3	63.4	6439.1	450.0	-18.9	-33.2	239.3	30.7*	26.4	15.7	319.4	321.2	0.5	26.8	39.5	63.
25.0	66.9	6912.0	425.0	-22.2	-36.1	238.7	34.9*	29.8	18.2	320.5	322.0	0.4	26.9	43.1	63.
26.7	70.5	7356.1	400.0	-24.4	-38.0	235.1	37.9*	31.1	21.7	323.2	324.5	0.4	27.0	46.7	62.
28.5	74.3	7822.4	375.0	-28.3	-41.4	230.5	38.4*	29.7	24.4	324.0	325.0	0.3	27.1	50.5	62.
30.3	78.5	8313.4	350.0	-32.0	-44.6	229.2	34.0*	25.7	22.2	325.5	326.3	0.2	27.2	54.6	61.
32.3	82.5	8832.6	325.0	-35.9	-48.0	229.4	43.9*	33.3	28.6	327.1	327.7	0.1	27.3	58.4	60.
34.5	86.8	9384.7	300.0	-39.5	99.9	230.2	70.3*	54.0	45.0	329.6	999.9	99.9	999.9	66.1	59.
36.8	91.6	9974.6	275.0	-43.6	99.9	999.9	99.9	99.9	99.9	332.1	999.9	99.9	999.9	999.9	999.
39.1	96.4	10608.6	250.0	-48.6	99.9	999.9	99.9	99.9	99.9	333.8	999.9	99.9	999.9	999.9	999.
41.8	101.6	11292.4	225.0	-54.4	99.9	999.9	99.9	99.9	99.9	335.2	999.9	99.9	999.9	999.9	999.
44.6	107.5	12037.2	200.0	-59.6	99.9	999.9	99.9	99.9	99.9	338.5	999.9	99.9	999.9	999.9	999.
48.3	113.7	12872.2	175.0	-60.0	99.9	999.9	99.9	99.9	99.9	351.0	999.9	99.9	999.9	999.9	999.
52.0	120.3	13838.7	150.0	-59.7	99.9	999.9	99.9	99.9	99.9	367.2	999.9	99.9	999.9	999.9	999.
56.4	127.7	14978.3	125.0	-59.8	99.9	999.9	99.9	99.9	99.9	386.7	999.9	99.9	999.9	999.9	999.
62.0	136.0	16361.3	100.0	-60.6	99.9	999.9	99.9	99.9	99.9	410.6	999.9	99.9	999.9	999.9	999.
68.6	144.0	18131.0	75.0	-64.3	99.9	999.9	99.9	99.9	99.9	438.2	999.9	99.9	999.9	999.9	999.
77.8	152.7	20646.7	50.0	-60.5	99.9	999.9	99.9	99.9	99.9	501.0	999.9	99.9	999.9	999.9	999.
91.7	161.7	25084.2	25.0	-53.2	99.9	999.9	99.9	99.9	99.9	632.2	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

STATION NO. 363
AMARILLO, TEX

28 APRIL 1975
1115 GMT

150 18. 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	14.1	1095.0	883.2	11.6	-7.2	280.0	12.3	12.1	-2.1	295.4	302.6	2.5	26.0	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.
0.3	14.8	1173.0	875.0	11.6	-7.2	285.4	22.7	21.9	-6.0	296.2	303.4	2.5	26.0	0.4	84.
1.0	16.7	1415.1	850.0	11.3	-7.5	288.0	25.3	24.1	-7.8	298.3	305.7	2.6	26.0	1.2	106.
1.7	19.0	1663.4	825.0	10.1	-9.6	292.1	24.5	22.7	-9.2	299.5	306.1	2.2	23.9	2.3	108.
2.4	21.0	1918.8	800.0	9.9	-11.6	294.8	21.7	19.7	-9.1	301.9	307.8	2.0	20.6	3.2	110.
3.2	23.3	2181.8	775.0	8.5	-12.7	291.1	20.1	18.8	-7.2	303.2	308.8	1.9	20.7	4.2	111.
3.9	25.5	2451.8	750.0	6.5	-14.3	286.6	18.9	18.1	-5.4	303.8	308.9	1.7	20.8	5.0	110.
4.6	27.8	2728.5	725.0	4.7	-15.8	280.2	19.7	19.4	-3.5	304.8	309.5	1.5	20.9	5.9	109.
5.4	30.3	3013.8	700.0	3.4	-16.8	272.2	21.9	21.8	-0.8	306.5	311.0	1.5	21.0	6.8	108.
6.1	32.8	3307.8	675.0	1.8	-18.1	262.5	22.2	22.0	2.9	307.8	312.1	1.4	21.1	7.7	105.
6.8	35.3	3611.2	650.0	0.1	-19.5	256.4	24.4	23.7	5.7	309.2	313.2	1.3	21.2	8.5	102.
7.6	37.8	3924.0	625.0	-2.2	-21.3	253.1	25.7	24.6	7.5	310.1	313.6	1.1	21.3	9.7	99.
8.5	40.4	4246.8	600.0	-4.7	-23.4	252.4	26.3	25.1	8.0	310.7	313.8	1.0	21.5	10.8	96.
9.3	43.0	4579.8	575.0	-7.4	-25.6	249.2	27.3	25.5	9.7	311.3	314.0	0.8	21.6	12.1	93.
10.2	45.9	4923.9	550.0	-10.4	-28.1	248.4	29.9	27.8	11.0	311.8	314.0	0.7	21.8	13.4	90.
11.0	48.8	5280.7	525.0	-12.2	-30.4	248.0	31.2	29.0	11.7	313.8	315.7	0.6	20.2	14.9	88.
11.9	51.6	5653.2	500.0	-13.6	-31.8	245.2	30.1	27.3	12.6	316.5	318.3	0.5	19.7	16.5	86.
12.9	54.8	6040.7	475.0	-16.7	-34.3	245.1	28.4	25.8	12.0	317.4	318.9	0.4	20.0	18.1	84.
14.0	57.8	6444.4	450.0	-20.0	-37.0	245.6	28.5	26.0	11.8	318.0	319.2	0.3	20.2	19.8	82.
15.1	61.1	6865.2	425.0	-23.5	-39.0	243.7	30.0	26.9	13.3	318.8	319.9	0.3	22.6	21.9	81.
16.4	64.6	7305.2	400.0	-27.2	-42.0	241.2	28.3	24.8	13.6	319.6	320.4	0.2	22.8	23.9	79.
17.9	68.0	7767.1	375.0	-30.0	-44.4	247.4	34.9	32.2	13.4	321.9	322.6	0.2	22.9	26.4	77.
19.2	71.6	8255.2	350.0	-33.4	-47.3	245.3	32.8	29.8	13.7	323.6	324.2	0.1	23.1	29.4	77.
20.5	75.5	8770.7	325.0	-37.8	-50.8	242.4	30.8	27.3	14.3	324.5	324.9	0.1	23.9	31.6	75.
22.1	79.7	9317.0	300.0	-42.6	99.9	243.3	34.8	31.1	15.7	325.4	999.9	99.9	999.9	34.8	74.
23.8	84.0	9898.2	275.0	-47.3	99.9	245.4	34.1	31.0	14.2	326.7	999.9	99.9	999.9	38.2	74.
25.4	88.4	10521.7	250.0	-52.5	99.9	244.4	41.6	37.5	17.9	328.0	999.9	99.9	999.9	41.8	73.
27.4	93.4	11198.0	225.0	-54.9	99.9	237.4	31.2	26.3	16.9	334.4	999.9	99.9	999.9	46.0	72.
30.0	98.5	11950.9	200.0	-55.8	99.9	233.1	37.4	29.9	22.4	344.3	999.9	99.9	999.9	52.0	70.
32.6	104.3	12797.2	175.0	-58.3	99.9	221.6	24.5	16.3	18.4	353.6	999.9	99.9	999.9	55.7	68.
35.6	110.8	13764.4	150.0	-59.7	99.9	236.4	44.5	37.1	24.6	367.3	999.9	99.9	999.9	61.7	66.
38.5	117.8	14902.3	125.0	-58.9	99.9	226.6	26.6	19.3	18.3	388.5	999.9	99.9	999.9	67.1	65.
43.4	126.0	16290.2	100.0	-59.2	99.9	237.2	19.0	15.9	10.3	413.3	999.9	99.9	999.9	75.0	64.
47.6	136.0	18072.0	75.0	-61.0	99.9	101.4	4.3	-4.2	0.8	445.1	999.9	99.9	999.9	79.0	64.
55.1	147.0	20593.8	50.0	-56.9	99.9	210.2	6.7	3.4	5.8	509.4	999.9	99.9	999.9	80.7	63.
66.8	159.5	25044.8	25.0	-52.3	99.9	93.1	5.3	-5.3	0.3	634.4	999.9	99.9	999.9	78.2	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. 365
ALBUQUERQUE, N MEX

28 APRIL 1975
1115 GMT

146 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	20.5	1619.0	834.8	1.7	-8.7	250.0	3.6	3.4	1.2	289.7	296.4	2.4	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	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.
0.4	21.4	1715.1	825.0	5.1	-12.5	272.3	11.7	11.7	-0.5	294.2	299.3	1.8	26.7	0.2	82.
1.5	23.9	1966.7	800.0	6.4	-12.9	284.5	9.6	9.3	-2.4	298.2	303.4	1.8	23.5	0.7	94.
2.5	26.2	2226.2	775.0	4.3	-13.3	288.7	8.4	7.9	-2.7	298.7	303.9	1.8	26.4	1.3	99.
3.3	28.8	2491.8	750.0	1.9	-13.6	299.3	8.4	7.3	-4.1	298.8	304.1	1.8	30.7	1.7	103.
4.4	31.5	2764.0	725.0	-0.7	-13.3	299.8	9.6	8.3	-4.8	299.0	304.6	1.9	37.7	2.2	107.
5.3	34.1	3043.1	700.0	-3.0	-13.3	298.0	11.8	10.4	-5.5	299.4	305.2	2.0	44.8	2.8	110.
6.4	36.7	3329.7	675.0	-5.7	-13.9	298.8	14.1	12.4	-6.8	299.4	305.1	1.9	52.2	3.7	112.
7.4	39.5	3624.5	650.0	-7.6	-18.6	285.7	13.5	13.0	-3.6	300.5	304.6	1.4	40.8	4.5	113.
8.6	42.1	3929.0	625.0	-8.8	-27.1	267.8	15.1	15.1	0.6	302.4	304.5	0.7	21.1	5.4	109.
9.6	45.1	4244.3	600.0	-10.5	-28.2	264.2	18.6	18.6	1.9	304.1	306.1	0.6	21.7	6.4	106.
10.6	48.1	4570.6	575.0	-12.6	-29.7	262.2	21.6	21.4	2.9	305.2	307.0	0.6	22.3	7.6	102.
11.8	51.0	4908.2	550.0	-15.3	-30.3	263.1	22.9	22.8	2.7	305.9	307.8	0.6	26.3	9.0	98.
13.1	54.3	5258.4	525.0	-17.0	-37.1	262.2	22.7	22.5	3.1	308.0	309.0	0.3	15.4	10.8	96.
14.6	57.3	5623.2	500.0	-19.1	-38.7	262.5	23.3	23.1	3.1	309.8	310.7	0.3	15.6	12.8	94.
16.6	60.6	6004.6	475.0	-19.4	-39.0	255.0	29.0	28.0	7.5	313.9	314.9	0.3	15.6	15.8	91.
18.6	64.1	6404.1	450.0	-22.3	-41.3	254.0	29.6	28.4	8.2	315.1	315.9	0.2	15.8	19.0	88.
20.2	67.4	6821.7	425.0	-25.3	-43.6	255.0	29.8	28.8	7.7	316.5	317.2	0.2	16.1	21.9	86.
21.7	71.0	7258.8	400.0	-28.4	-46.1	258.0	30.8	30.2	6.4	318.0	318.6	0.1	16.3	24.6	85.
23.3	74.8	7718.6	375.0	-31.5	-48.5	255.0	30.6	29.6	7.9	319.9	320.3	0.1	16.6	27.6	84.
24.9	78.8	8203.5	350.0	-35.2	-51.5	253.0	33.3	31.8	9.7	321.2	321.6	0.1	16.8	30.5	83.
26.7	82.8	8715.4	325.0	-39.2	-54.8	247.8	32.2	29.9	12.2	322.6	322.8	0.1	17.2	33.9	82.
28.7	87.0	9258.6	300.0	-44.0	99.9	243.3	34.6	30.9	15.5	323.4	999.9	99.9	999.9	38.1	80.
30.4	91.6	9837.3	275.0	-48.3	99.9	242.2	32.4	28.7	15.1	325.3	999.9	99.9	999.9	41.4	79.
32.5	96.2	10458.1	250.0	-52.5	99.9	245.6	38.6	35.2	15.9	328.0	999.9	99.9	999.9	45.4	77.
35.1	101.3	11138.2	225.0	-53.0	99.9	241.2	34.0*	29.8	16.4	337.4	999.9	99.9	999.9	50.8	76.
38.0	107.0	11892.6	200.0	-56.1	99.9	241.0	33.1*	29.0	16.1	344.0	999.9	99.9	999.9	56.7	74.
40.8	112.8	12740.8	175.0	-55.5	99.9	255.3	24.8*	24.0	6.3	358.3	999.9	99.9	999.9	62.4	74.
44.6	119.3	13719.2	150.0	-59.0	99.9	249.6	23.9*	22.4	8.3	368.4	999.9	99.9	999.9	67.8	74.
48.2	126.5	14850.5	125.0	-63.2	99.9	259.0	23.2*	22.8	4.4	380.6	999.9	99.9	999.9	72.9	74.
53.3	134.7	16236.4	100.0	-56.4	99.9	244.3	12.5*	11.3	5.4	418.9	999.9	99.9	999.9	79.8	74.
59.6	142.3	18046.3	75.0	-60.4	99.9	230.2	7.8	6.0	5.0	446.4	999.9	99.9	999.9	82.9	72.
68.7	151.3	20571.9	50.0	-60.3	99.9	123.6	8.1	-6.8	4.5	501.6	999.9	99.9	999.9	84.4	72.
81.7	160.3	24986.8	25.0	-54.0	99.9	211.2	1.1	0.6	1.0	629.9	999.9	99.9	999.9	82.7	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

STATION NO. 433
SALEM, ILL

28 APRIL 1975
1115 GMT

161 18. 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	5.5	175.0	987.5	16.1	16.1	130.0	3.2	-2.5	2.1	291.8	322.1	11.8	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	999.9	99.9	999.9	999.9	999.
0.4	6.5	284.3	975.0	17.8	17.0	999.9	99.9	99.9	99.9	294.8	327.6	12.6	94.7	999.9	999.
1.1	8.5	508.2	950.0	19.2	17.3	999.9	99.9	99.9	99.9	298.4	333.2	13.2	88.8	999.9	999.
1.8	10.5	738.6	925.0	19.4	15.8	999.9	99.9	99.9	99.9	300.9	333.9	12.4	79.5	999.9	999.
2.5	12.6	974.2	900.0	17.7	13.0	999.9	99.9	99.9	99.9	301.2	329.6	10.5	73.7	999.9	999.
3.3	14.8	1214.9	875.0	16.0	11.1	999.9	99.9	99.9	99.9	301.7	327.6	9.5	72.5	999.9	999.
4.1	16.8	1460.9	850.0	14.0	10.1	999.9	99.9	99.9	99.9	302.0	327.1	9.2	77.5	999.9	999.
4.9	19.1	1712.4	825.0	11.8	9.3	240.9	16.5	14.4	8.0	302.3	326.9	9.0	84.5	5.0	55.
5.8	21.2	1969.6	800.0	9.5	8.0	247.2	16.4	15.2	6.4	302.4	325.7	8.5	90.5	5.8	57.
6.6	23.6	2232.8	775.0	7.5	6.5	247.6	14.3	13.2	5.5	302.9	324.6	7.9	93.5	6.6	58.
7.5	25.8	2502.9	750.0	6.2	5.2	247.5	12.2	11.2	4.7	304.3	324.9	7.4	93.0	7.3	59.
8.5	28.3	2780.6	725.0	4.1	3.3	242.7	10.7	9.5	4.9	304.8	323.6	6.7	94.5	7.9	60.
9.4	30.8	3065.2	700.0	1.0	-1.2	233.9	11.2	9.1	6.6	304.3	318.6	5.1	85.3	8.5	60.
10.5	33.4	3356.7	675.0	-1.5	-6.0	229.4	13.4	10.2	8.7	304.4	315.0	3.6	71.2	9.3	59.
11.5	35.8	3657.3	650.0	-2.0	-13.2	224.5	15.6	10.9	11.1	307.0	313.5	2.2	42.3	10.1	58.
12.6	38.6	3968.0	625.0	-3.5	-30.4	219.2	19.6	12.4	15.2	308.5	310.1	0.5	10.5	11.2	56.
13.5	41.1	4290.1	600.0	-3.8	-33.6	214.9	23.3	13.3	19.1	311.7	312.9	0.4	7.7	12.4	54.
14.6	43.9	4625.2	575.0	-5.1	-28.8	213.1	24.8	13.5	20.8	314.0	316.1	0.6	13.4	13.8	52.
15.7	46.9	4973.2	550.0	-7.2	-21.8	218.4	26.0	16.2	20.4	315.7	319.7	1.2	30.0	15.5	50.
17.0	49.9	5333.7	525.0	-10.4	-18.3	221.9	26.5	17.7	19.7	316.2	321.7	1.7	52.4	17.7	49.
18.4	52.8	5707.5	500.0	-13.1	-26.2	224.5	27.0	18.9	19.3	317.2	320.1	0.9	32.0	19.7	48.
19.6	55.7	6096.8	475.0	-15.6	-26.2	225.2	26.4	18.7	18.6	318.8	321.9	0.9	39.6	21.8	48.
20.9	59.0	6502.7	450.0	-17.7	-27.2	231.1	26.6	20.7	16.7	321.0	324.0	0.9	43.0	23.7	48.
22.3	62.4	6928.8	425.0	-19.9	-62.6	235.8	27.0	22.3	15.2	323.4	323.5	0.0	1.0	26.0	48.
23.7	65.8	7376.2	400.0	-22.8	-64.4	240.4	25.8	22.4	12.7	325.3	325.4	0.0	1.0	28.1	49.
25.2	69.3	7845.6	375.0	-26.6	-52.3	240.8	25.8	22.5	12.6	326.3	326.6	0.1	6.9	30.5	50.
27.1	73.0	8339.8	350.0	-30.4	-53.6	244.3	24.0	21.6	10.4	327.7	328.0	0.1	8.2	32.9	51.
28.8	77.0	8861.0	325.0	-35.6	-51.6	246.0	30.0	27.4	12.2	327.6	328.0	0.1	17.4	35.8	52.
30.6	81.0	9413.2	300.0	-39.5	-46.5	251.9	22.4	21.3	7.0	329.7	330.4	0.2	46.7	38.5	53.
32.6	85.4	10002.8	275.0	-44.4	99.9	252.9	18.7	17.9	5.5	331.0	999.9	99.9	999.9	40.9	55.
34.6	90.0	10633.2	250.0	-50.0	99.9	251.3	12.4	11.7	4.0	331.7	999.9	99.9	999.9	42.8	55.
36.9	95.2	11313.8	225.0	-55.7	99.9	240.3	19.4	16.9	9.6	333.2	999.9	99.9	999.9	44.6	56.
39.1	100.4	12054.1	200.0	-61.7	99.9	242.4	20.7	18.4	9.6	335.1	999.9	99.9	999.9	47.4	56.
41.8	106.3	12868.9	175.0	-68.0	99.9	232.7	19.2	15.3	11.6	337.8	999.9	99.9	999.9	50.7	56.
45.1	112.8	13787.0	150.0	-68.7	99.9	250.9	21.7	20.5	7.1	351.8	999.9	99.9	999.9	54.8	56.
49.2	120.0	14901.2	125.0	-62.5	99.9	272.4	13.2	13.2	-0.6	381.9	999.9	99.9	999.9	59.8	58.
53.9	128.7	16261.1	100.0	-68.1	99.9	291.1	12.7	11.9	-4.6	396.2	999.9	99.9	999.9	63.0	61.
60.4	138.3	18000.2	75.0	-64.2	99.9	18.0	4.2	-1.3	-4.0	438.3	999.9	99.9	999.9	63.5	63.
69.4	149.0	20503.9	50.0	-60.4	99.9	99.8	3.2	-3.2	0.5	501.1	999.9	99.9	999.9	61.9	63.
82.3	161.5	24684.7	25.0	-52.1	99.9	81.7	4.0	-3.9	-0.6	635.2	999.9	99.9	999.9	56.7	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. 451
DODGE CITY, KAN

28 APRIL 1975
1115 GMT

155 27. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	791.0	913.5	7.8	-4.0	260.0	8.8	8.7	1.5	288.7	297.3	3.1	43.0	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	16.2	914.4	900.0	10.6	-10.8	50.8	7.2	-5.6	-4.6	292.7	298.1	1.9	20.9	1.3	87.
1.1	18.9	1149.9	875.0	11.6	-10.0	309.6	8.9	6.8	-5.7	296.1	302.0	2.0	20.9	1.2	94.
1.8	21.3	1391.6	850.0	10.7	-10.7	298.7	17.5	15.3	-8.4	297.6	303.4	2.0	20.9	1.9	102.
2.5	24.0	1639.5	825.0	9.1	-12.0	305.5	15.4	12.6	-9.0	298.4	303.9	1.8	21.0	2.6	107.
3.4	26.6	1893.5	800.0	7.4	-13.4	304.0	14.4	12.0	-8.1	299.3	304.4	1.7	21.1	3.3	112.
4.1	29.4	2153.7	775.0	5.2	-15.2	301.5	13.7	11.7	-7.2	299.6	304.2	1.5	21.2	3.9	114.
4.9	32.3	2420.1	750.0	3.1	-16.9	295.6	11.4	10.3	-4.9	300.1	304.2	1.4	21.3	4.6	115.
5.7	35.1	2693.3	725.0	0.6	-19.0	284.9	12.7	12.3	-3.3	300.2	303.8	1.2	21.4	5.1	114.
6.5	38.0	2973.6	700.0	-1.6	-20.7	273.7	14.5	14.5	-0.9	300.8	304.0	1.0	21.6	5.7	112.
7.3	40.8	3261.6	675.0	-4.2	-22.9	265.0	17.8	17.7	1.6	301.0	303.8	0.9	21.7	6.5	110.
8.3	43.9	3557.9	650.0	-6.3	-24.6	259.6	21.2	20.9	3.8	301.9	304.4	0.8	21.8	7.4	106.
9.2	47.0	3863.7	625.0	-8.0	-27.2	260.1	22.5	22.2	3.9	303.3	305.4	0.7	19.6	8.6	102.
10.1	50.1	4180.0	600.0	-9.7	-28.5	262.5	23.2	23.0	3.0	305.0	306.9	0.6	19.7	9.8	99.
11.2	53.1	4508.2	575.0	-9.8	-30.0	259.2	26.0	25.6	4.9	308.5	310.3	0.5	17.2	11.3	97.
12.3	56.3	4850.3	550.0	-11.6	-33.1	254.2	28.0	26.9	7.6	310.3	311.7	0.4	14.8	13.0	94.
13.3	59.6	5204.8	525.0	-14.2	-35.1	247.8	29.4	27.3	11.1	311.3	312.6	0.4	15.0	14.6	92.
14.4	63.1	5572.4	500.0	-17.6	-37.8	245.9	30.6	27.9	12.5	311.5	312.5	0.3	15.2	16.5	88.
15.5	66.4	5953.7	475.0	-21.2	-39.1	245.0	30.9	28.0	13.1	311.8	312.7	0.3	18.0	18.3	86.
16.8	70.1	6349.3	450.0	-25.4	-42.5	246.4	34.5	31.6	13.8	311.3	312.0	0.2	18.3	20.6	84.
18.1	73.7	6762.3	425.0	-27.1	-46.8	241.8	36.2	32.0	17.1	314.2	314.6	0.1	13.4	23.3	81.
19.6	77.7	7198.4	400.0	-28.3	-47.7	241.2	43.1	37.8	20.8	318.1	318.6	0.1	13.5	26.6	79.
21.1	81.4	7658.8	375.0	-31.1	-49.9	241.3	44.1	38.7	21.1	320.3	320.7	0.1	13.7	30.4	76.
22.7	85.6	8144.7	350.0	-34.8	-52.7	246.4	43.0	39.4	17.2	321.8	322.1	0.1	14.0	34.4	75.
24.4	89.7	8657.7	325.0	-38.7	-55.7	240.6	54.6	47.6	26.8	323.3	323.5	0.1	14.4	39.4	74.
26.2	94.2	9202.6	300.0	-42.4	99.9	237.6	58.4*	49.3	31.3	325.6	999.9	99.9	999.9	45.3	72.
28.2	98.8	9785.4	275.0	-46.6	99.9	236.9	54.8*	45.9	29.9	327.7	999.9	99.9	999.9	51.8	70.
30.2	103.6	10410.2	250.0	-51.8	99.9	235.4	51.1*	42.1	29.0	329.1	999.9	99.9	999.9	57.5	68.
32.7	109.0	11088.5	225.0	-52.9	99.9	240.2	48.8*	42.4	24.3	337.4	999.9	99.9	999.9	65.3	67.
35.6	114.5	11846.7	200.0	-54.2	99.9	246.4	36.7*	33.7	14.7	347.0	999.9	99.9	999.9	73.6	67.
38.4	120.5	12707.3	175.0	-53.3	99.9	227.0	33.5*	24.5	22.9	361.9	999.9	99.9	999.9	80.6	66.
41.8	127.0	13687.9	150.0	-58.2	99.9	206.6	28.5*	12.7	25.5	369.8	999.9	99.9	999.9	86.4	64.
45.9	134.3	14851.5	125.0	-52.2	99.9	231.7	23.1*	18.1	14.3	400.5	999.9	99.9	999.9	93.6	62.
49.8	141.5	16271.9	100.0	-61.5	99.9	118.9	8.8*	-7.8	4.3	408.9	999.9	99.9	999.9	96.2	61.
55.9	149.7	18035.4	75.0	-59.9	99.9	142.4	9.0*	-5.5	7.1	447.4	999.9	99.9	999.9	99.5	60.
64.2	159.3	20570.6	50.0	-59.9	99.9	146.7	3.9	-2.1	3.2	502.3	999.9	99.9	999.9	100.6	58.
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

28 APRIL 1975
1115 GMT

157 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/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
C.0	6.6	268.0	972.0	11.1	3.9	200.0	2.6	0.9	2.4	287.3	301.0	5.2	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	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	999.9	999.9	99.9	999.9	999.9	999.
0.7	8.3	459.5	950.0	12.6	-0.3	234.9	9.5	7.8	5.5	290.5	301.2	3.9	41.0	0.3	30.
1.5	10.3	684.0	925.0	13.2	-1.4	239.3	9.4	8.0	4.8	293.3	303.6	3.8	36.5	0.8	47.
2.4	12.2	913.6	900.0	12.0	-4.6	238.8	12.5	10.7	6.5	294.3	302.8	3.0	31.0	1.3	51.
3.3	14.3	1149.4	875.0	12.0	-8.1	250.0	13.2	12.4	4.5	296.6	303.4	2.4	23.6	2.0	56.
4.2	16.3	1391.2	850.0	10.2	-10.4	252.1	15.7	14.9	4.8	297.1	303.0	2.0	22.2	2.8	61.
5.1	18.5	1638.3	825.0	8.0	-11.6	249.3	16.2	15.1	5.7	297.3	302.9	1.9	23.4	3.6	63.
6.1	20.6	1890.9	800.0	5.4	-12.3	249.1	18.2	17.0	6.5	297.2	302.6	1.8	26.4	4.7	64.
7.2	22.9	2149.1	775.0	3.3	-14.0	253.0	18.5	17.7	5.4	297.6	302.6	1.7	26.8	5.8	66.
8.2	25.2	2414.1	750.0	1.2	-15.2	254.5	18.3	17.7	4.9	298.1	302.7	1.6	28.1	7.0	67.
9.3	27.5	2685.7	725.0	-1.2	-16.0	246.9	16.6	15.3	6.5	298.4	302.9	1.5	31.2	8.0	68.
10.3	30.0	2964.1	700.0	-3.7	-17.5	242.7	19.6	17.4	9.0	298.6	302.7	1.4	33.1	9.1	67.
11.2	32.6	3250.8	675.0	-4.8	-25.2	243.8	23.9	21.5	10.5	300.4	302.7	0.7	18.3	10.3	67.
12.3	35.3	3547.0	650.0	-6.0	-29.1	242.0	26.2	23.2	12.3	302.3	304.0	0.5	14.0	12.0	66.
13.4	37.8	3853.7	625.0	-6.5	-33.0	237.1	30.9	25.9	16.8	305.0	306.3	0.4	10.0	13.7	66.
14.6	40.5	4173.8	600.0	-4.7	-34.3	233.2	41.6	33.4	24.9	310.7	311.9	0.3	7.7	16.3	64.
15.7	43.3	4507.6	575.0	-6.7	-35.2	230.8	44.3	34.3	28.0	312.1	313.2	0.3	8.2	19.2	62.
17.0	46.4	4852.5	550.0	-10.0	-36.1	231.0	46.1	35.8	29.0	312.2	313.2	0.3	9.7	22.6	60.
18.4	49.5	5209.2	525.0	-12.0	-37.5	229.6	48.6*	37.1	31.5	314.0	315.0	0.3	9.9	26.8	59.
19.9	52.4	5582.1	500.0	-13.2	-41.4	227.0	47.9*	35.1	32.7	316.9	317.6	0.2	7.2	30.8	57.
21.3	55.7	5971.3	475.0	-15.1	-42.6	225.1	43.8*	31.0	30.9	319.3	319.9	0.2	7.3	34.7	56.
22.8	59.1	6378.0	450.0	-17.9	-44.4	221.0	44.7*	29.3	33.7	320.7	321.3	0.2	7.6	38.7	55.
24.3	62.9	6802.3	425.0	-21.5	-46.8	218.0	38.0*	23.4	29.9	321.4	321.8	0.1	8.0	41.8	53.
25.8	66.4	7246.9	400.0	-24.4	-48.7	216.9	44.7*	26.9	35.7	323.3	323.7	0.1	8.3	46.2	52.
27.4	70.1	7713.9	375.0	-28.0	-51.2	211.9	42.9*	22.7	36.4	324.4	324.8	0.1	8.7	49.6	51.
29.4	74.0	8206.1	350.0	-31.3	-53.5	209.0	47.3*	22.9	41.4	326.5	326.7	0.1	9.0	55.3	49.
31.1	78.4	8726.9	325.0	-35.6	-55.3	208.6	34.7*	16.6	30.4	327.5	327.8	0.1	11.1	58.9	47.
32.8	82.8	9278.3	300.0	-40.3	99.9	215.0	45.8*	26.2	37.5	328.5	999.9	99.9	999.9	63.4	46.
34.6	87.4	9866.0	275.0	-45.2	99.9	211.9	49.8*	26.3	42.3	329.8	999.9	99.9	999.9	68.0	45.
37.0	92.5	10496.4	250.0	-48.6	99.9	999.9	99.9	99.9	99.9	333.8	999.9	99.9	999.9	999.9	999.
39.8	98.0	11184.6	225.0	-52.5	99.9	999.9	99.9	99.9	99.9	338.1	999.9	99.9	999.9	999.9	999.
42.6	103.8	11938.4	200.0	-56.9	99.9	999.9	99.9	99.9	99.9	342.6	999.9	99.9	999.9	999.9	999.
45.3	110.3	12778.8	175.0	-58.7	99.9	999.9	99.9	99.9	99.9	353.1	999.9	99.9	999.9	999.9	999.
49.0	117.0	13755.6	150.0	-55.8	99.9	999.9	99.9	99.9	99.9	373.9	999.9	99.9	999.9	999.9	999.
52.9	125.0	14906.2	125.0	-59.4	99.9	999.9	99.9	99.9	99.9	387.5	999.9	99.9	999.9	999.9	999.
57.6	133.0	16292.0	100.0	-63.8	99.9	61.8	6.3*	-5.5	-3.0	404.5	999.9	99.9	999.9	108.3	41.
64.1	141.3	18065.6	75.0	-62.1	99.9	191.4	12.1*	2.4	11.9	442.7	999.9	99.9	999.9	109.7	40.
73.2	149.7	20611.2	50.0	-55.7	99.9	128.3	5.3*	-4.2	3.3	512.3	999.9	99.9	999.9	107.9	38.
86.3	158.0	25022.5	25.0	-53.6	99.9	170.0	3.6	-0.6	3.6	630.7	999.9	99.9	999.9	105.2	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. 476
GRAND JUNCTION, COL

28 APRIL 1975
1115 GMT

147 14. 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 COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.0	1474.0	850.0	0.6	-5.5	350.0	3.6	0.6	-3.5	287.1	294.7	2.8	59.0	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.
0.7	21.1	1716.2	825.0	3.7	-9.2	212.5	3.3	1.8	2.8	292.8	299.3	2.3	38.2	0.3	144.
1.6	23.5	1965.3	800.0	1.5	-9.9	277.8	4.5	4.5	-0.6	293.0	299.4	2.2	42.2	0.4	123.
2.4	25.8	2219.9	775.0	-0.9	-11.0	289.0	6.6	6.2	-2.1	293.1	299.2	2.1	46.2	0.7	115.
3.2	28.3	2480.8	750.0	-3.1	-12.5	288.6	8.8	8.3	-2.8	293.4	299.0	1.9	48.0	1.0	113.
4.2	30.9	2748.0	725.0	-5.5	-13.8	285.4	9.6	9.3	-2.6	293.7	299.0	1.8	51.9	1.6	111.
5.1	33.6	3022.4	700.0	-8.1	-14.9	285.9	10.3	9.9	-2.8	293.7	298.7	1.7	58.0	2.1	109.
6.0	36.1	3303.6	675.0	-10.8	-14.8	287.4	11.2	10.6	-3.3	293.8	299.0	1.8	72.0	2.7	109.
7.2	38.8	3592.7	650.0	-13.0	-19.2	291.4	12.0	11.1	-4.4	294.4	298.3	1.3	59.7	3.5	109.
8.4	41.4	3891.3	625.0	-14.4	-22.6	291.9	13.0	12.0	-4.9	296.0	299.1	1.0	49.9	4.4	110.
9.4	44.3	4199.7	600.0	-16.1	-32.7	289.0	12.7	12.0	-4.1	297.5	298.8	0.4	22.5	5.2	110.
10.4	47.3	4519.5	575.0	-17.5	-38.0	281.3	14.4	14.1	-2.8	299.5	300.4	0.2	14.7	6.0	109.
11.3	50.2	4851.3	550.0	-19.1	-39.2	279.8	15.5	15.2	-2.6	301.4	302.2	0.2	14.8	6.8	108.
12.3	53.0	5195.3	525.0	-21.8	-41.4	280.4	16.4	16.1	-3.0	302.1	302.8	0.2	15.0	7.7	107.
13.5	56.1	5552.3	500.0	-24.9	-43.7	279.0	16.0	15.8	-2.5	302.7	303.2	0.2	15.3	9.0	106.
14.7	59.4	5923.4	475.0	-27.9	-45.9	280.7	16.3	16.0	-3.0	303.4	303.8	0.1	16.0	10.2	105.
16.1	62.8	6309.3	450.0	-31.0	-47.4	277.9	18.6	18.4	-2.5	304.2	304.7	0.1	18.1	11.5	105.
17.4	66.1	6712.2	425.0	-34.0	-48.9	273.9	21.4	21.3	-1.4	305.5	305.8	0.1	20.3	13.0	104.
18.6	69.8	7133.8	400.0	-37.3	-50.3	271.7	24.5	24.5	-0.7	306.4	306.7	0.1	24.3	14.7	102.
20.2	73.3	7576.4	375.0	-40.2	99.9	267.7	27.0	27.0	1.1	308.3	999.9	99.9	999.9	17.0	101.
21.8	77.3	8044.4	350.0	-43.3	99.9	260.6	30.8	30.4	5.0	310.4	999.9	99.9	999.9	19.7	98.
23.5	81.2	8538.6	325.0	-47.5	99.9	257.7	31.7	31.0	6.8	311.2	999.9	99.9	999.9	22.8	96.
25.6	85.6	9063.5	300.0	-50.6	99.9	258.9	32.1	31.5	6.2	314.0	999.9	99.9	999.9	26.7	93.
27.8	90.0	9630.0	275.0	-50.3	99.9	263.8	31.8	31.6	3.4	322.4	999.9	99.9	999.9	30.8	91.
30.1	95.0	10253.5	250.0	-48.7	99.9	266.4	32.5	32.5	2.1	333.7	999.9	99.9	999.9	35.3	91.
32.3	100.0	10946.5	225.0	-48.8	99.9	272.7	20.0	20.0	-0.9	343.7	999.9	99.9	999.9	38.8	91.
35.1	105.4	11716.8	200.0	-51.2	99.9	261.9	17.0	16.9	2.4	351.6	999.9	99.9	999.9	42.0	91.
38.6	111.5	12582.6	175.0	-50.9	99.9	233.4	17.4	14.0	10.4	365.8	999.9	99.9	999.9	45.0	88.
42.0	118.0	13591.1	150.0	-50.5	99.9	226.7	11.8	8.6	8.1	383.1	999.9	99.9	999.9	47.8	86.
46.6	125.5	14772.4	125.0	-53.1	99.9	248.5	6.7	6.3	2.5	399.0	999.9	99.9	999.9	50.7	85.
51.7	133.7	16192.9	100.0	-58.3	99.9	169.0	9.3	-1.8	9.2	415.1	999.9	99.9	999.9	50.8	84.
58.7	142.0	18014.1	75.0	-59.9	99.9	166.9	2.3	-0.5	2.3	447.4	999.9	99.9	999.9	51.3	80.
67.6	151.0	20561.3	50.0	-57.9	99.9	86.1	9.0	-9.0	-0.6	506.9	999.9	99.9	999.9	49.9	79.
80.7	160.7	24986.9	25.0	-53.3	99.9	80.7	4.0	-4.0	-0.6	631.7	999.9	99.9	999.9	45.3	79.

* 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

28 APRIL 1975
1129 GMT

160 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 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	180.0	993.3	17.5	16.7	360.0	0.0	0.0	0.0	292.8	324.2	12.2	95.0	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.
0.6	7.3	340.0	975.0	18.5	16.0	229.9	7.1	5.4	4.6	295.3	326.3	11.9	85.6	0.1	27.
1.5	9.4	563.3	950.0	18.2	15.5	241.2	9.1	8.0	4.4	297.2	328.3	11.8	84.8	0.5	56.
2.4	11.2	792.7	925.0	19.0	11.2	233.1	10.8	8.6	6.5	300.0	324.6	9.1	60.7	1.0	57.
3.3	13.3	1027.8	900.0	17.2	9.8	232.1	12.3	9.7	7.5	300.4	323.5	8.5	61.5	1.6	55.
4.2	15.4	1268.2	875.0	16.3	4.5	235.8	14.6	12.0	8.2	301.5	318.3	6.0	45.3	2.4	54.
5.3	17.4	1514.0	850.0	14.7	2.7	243.5	14.6	13.0	6.5	302.3	317.8	5.5	44.4	3.3	56.
6.2	19.6	1766.0	825.0	13.5	0.0	242.3	12.2	10.8	5.7	303.5	316.8	4.7	39.6	4.0	58.
7.3	21.7	2024.3	800.0	11.6	1.6	232.8	12.2	9.7	7.3	304.3	319.5	5.4	50.0	4.8	57.
8.3	24.1	2289.0	775.0	10.0	-6.0	243.5	12.0	10.7	5.3	305.0	314.3	3.2	31.8	5.6	57.
9.4	26.2	2561.2	750.0	9.5	-12.4	250.8	13.5	12.7	4.4	307.1	313.2	2.0	19.9	6.4	59.
10.5	28.7	2841.3	725.0	7.7	-20.7	245.1	12.3	11.1	5.2	308.1	311.3	1.0	11.2	7.3	60.
11.6	31.2	3129.3	700.0	6.3	-22.8	232.6	10.9	8.7	6.6	309.5	312.6	1.0	11.2	8.0	60.
12.8	33.8	3427.3	675.0	6.3	-19.5	224.2	10.9	7.6	7.8	312.9	316.8	1.2	13.8	8.8	59.
14.0	36.2	3735.2	650.0	3.9	-15.7	227.8	10.5	7.8	7.0	313.6	319.1	1.7	22.2	9.5	58.
15.3	39.0	4052.3	625.0	1.6	-25.2	235.1	10.5	8.6	6.0	314.4	317.0	0.8	11.5	10.3	57.
16.6	41.6	4379.7	600.0	-0.9	-21.5	245.6	10.5	9.5	4.3	315.2	318.9	1.1	19.2	11.1	57.
17.9	44.5	4717.7	575.0	-3.9	-11.7	258.3	9.5	9.3	1.9	315.7	324.2	2.7	54.7	11.9	59.
19.2	47.5	5067.0	550.0	-6.8	-13.5	254.8	11.1	10.7	2.9	316.3	324.0	2.5	59.7	12.6	60.
20.5	50.5	5428.8	525.0	-9.3	-15.4	247.1	12.5	11.5	4.9	317.5	324.4	2.2	61.6	13.5	60.
21.9	53.6	5803.8	500.0	-12.8	-15.3	249.0	13.3	12.5	4.8	317.7	325.0	2.3	81.6	14.6	61.
23.4	56.7	6193.1	475.0	-15.7	-18.4	255.5	14.1	13.6	3.5	318.7	324.7	1.9	79.8	15.8	62.
24.9	60.3	6598.7	450.0	-18.2	-21.3	255.6	15.5	15.0	3.9	320.5	325.5	1.6	77.0	17.1	63.
26.7	64.0	7024.3	425.0	-20.4	-35.3	264.6	17.3	17.2	1.6	322.9	324.4	0.4	24.9	18.9	64.
28.4	67.5	7470.9	400.0	-23.2	-42.7	263.1	16.1	16.0	1.9	324.8	325.6	0.2	14.7	20.5	66.
30.2	71.3	7939.8	375.0	-27.0	-38.6	265.3	21.5	21.4	1.8	325.8	327.1	0.4	32.2	22.4	68.
32.0	75.5	8432.8	350.0	-31.0	-37.0	264.5	20.3	20.2	1.9	326.9	328.5	0.5	55.5	24.5	69.
33.8	80.0	8954.0	325.0	-35.2	-40.0	269.4	20.0	20.0	0.2	328.2	329.5	0.4	60.9	26.5	71.
35.6	84.6	9506.7	300.0	-39.1	-43.5	269.9	21.0	21.0	0.0	330.1	331.1	0.3	62.7	28.7	72.
37.7	89.4	10097.6	275.0	-43.5	99.9	269.9	19.8	19.8	0.0	332.3	999.9	99.9	999.9	31.2	73.
40.0	94.6	10732.5	250.0	-47.9	99.9	262.0	21.8	21.6	3.0	334.8	999.9	99.9	999.9	34.1	74.
42.7	100.2	11419.2	225.0	-53.6	99.9	264.7	25.3	25.2	2.3	336.4	999.9	99.9	999.9	37.5	75.
45.1	106.0	12164.2	200.0	-60.3	99.9	271.5	34.7	34.7	-0.9	337.4	999.9	99.9	999.9	41.9	77.
47.7	112.7	12984.4	175.0	-66.7	99.9	275.3	35.7	35.5	-3.3	339.9	999.9	99.9	999.9	47.0	78.
51.0	119.8	13903.9	150.0	-71.1	99.9	280.9	37.8	37.2	-7.2	347.7	999.9	99.9	999.9	53.9	81.
54.6	127.7	14998.9	125.0	-65.5	99.9	304.0	18.8	15.6	-10.5	376.4	999.9	99.9	999.9	59.3	84.
58.9	135.8	16339.9	100.0	-70.0	99.9	320.4	8.3	5.3	-6.4	392.5	999.9	99.9	999.9	62.3	86.
64.6	144.0	18059.2	75.0	-67.5	99.9	9.2	4.3	-0.7	-4.2	431.4	999.9	99.9	999.9	64.2	87.
72.0	152.3	20551.2	50.0	-59.4	99.9	93.2	5.8	-5.8	0.3	503.7	999.9	99.9	999.9	62.2	88.
83.4	161.0	24985.2	25.0	-52.2	99.9	35.5	3.6	-2.1	-2.9	634.6	999.9	99.9	999.9	59.7	89.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

28 APRIL 1975
1232 GMT

53 467. 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	8.4	362.0	966.2	11.7	0.5	190.0	3.1	0.5	3.1	288.2	299.3	4.1	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	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	9.9	504.0	950.0	15.5	0.3	278.7	7.0	6.9	-1.1	293.4	304.8	4.1	35.6	0.1	47.
1.4	12.0	730.9	925.0	17.1	-1.9	278.2	10.5	10.4	-1.5	297.3	307.4	3.6	27.2	0.5	92.
2.2	14.4	964.1	900.0	15.9	-2.9	281.3	12.4	12.2	-2.4	298.4	308.1	3.4	27.2	1.1	95.
3.1	16.5	1202.2	875.0	14.0	-4.6	285.2	13.4	12.9	-3.5	298.7	307.6	3.1	27.3	1.8	99.
4.0	18.9	1445.5	850.0	12.0	-6.3	286.7	14.6	14.0	-4.2	299.1	307.2	2.8	27.3	2.5	101.
4.9	21.2	1694.6	825.0	10.6	-7.4	274.4	17.7	17.7	-1.4	300.1	307.9	2.7	27.6	3.4	101.
5.7	23.5	1949.9	800.0	8.9	-8.5	263.5	17.4	17.3	2.0	301.0	308.4	2.5	28.2	4.3	98.
6.8	25.8	2212.1	775.0	8.2	-10.7	250.0	16.3	15.4	5.6	302.9	309.4	2.2	25.0	5.3	94.
7.9	28.4	2482.7	750.0	7.6	-11.3	245.7	15.5	14.1	6.4	305.1	311.6	2.2	24.7	6.2	90.
9.0	30.9	2760.6	725.0	5.3	-13.2	243.5	16.8	15.1	7.5	305.5	311.2	1.9	24.8	7.1	86.
10.1	33.6	3046.8	700.0	4.6	-13.8	241.1	19.3	16.9	9.3	307.9	313.6	1.9	24.8	8.2	83.
11.1	36.0	3342.3	675.0	3.5	-14.7	239.3	23.0	19.8	11.7	309.7	315.3	1.8	24.9	9.5	80.
12.1	38.7	3647.7	650.0	2.1	-15.9	238.8	26.8	22.9	13.9	311.5	316.8	1.7	24.9	10.8	77.
13.1	41.2	3963.0	625.0	-0.3	-17.9	241.0	30.1	26.3	14.6	312.2	316.9	1.5	25.0	12.5	75.
14.2	44.1	4287.9	600.0	-3.1	-19.6	244.5	32.2	29.1	13.8	312.6	316.9	1.3	26.6	14.6	73.
15.4	47.0	4623.0	575.0	-5.9	-18.5	244.9	36.9	33.4	15.7	313.2	318.1	1.5	36.3	17.0	72.
16.6	49.9	4969.3	550.0	-9.1	-19.3	242.1	36.6	32.3	17.1	313.5	318.3	1.5	43.0	19.5	71.
17.8	52.8	5327.0	525.0	-12.7	-21.1	242.1	36.4	32.1	17.0	313.3	317.6	1.3	48.9	22.3	70.
19.1	55.8	5697.3	500.0	-15.9	-27.8	999.9	99.9	99.9	99.9	313.7	316.2	0.8	35.3	999.9	999.
20.4	59.0	6081.8	475.0	-17.9	-34.5	999.9	99.9	99.9	99.9	315.8	317.3	0.4	21.6	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.

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