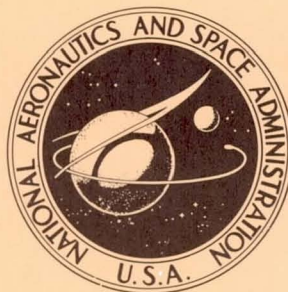


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DATA FOR NASA'S AVE IV EXPERIMENT:
25 MB SOUNDING DATA AND SYNOPTIC CHARTS

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16. ABSTRACT <p>This report describes the AVE IV Experiment and presents tabulated rawinsonde data at 25 mb intervals from the surface to 25 mb for the 42 stations participating in the experiment. Soundings were taken between 0000 GMT, April 24, and 1200 GMT, April 25, 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.</p>			
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**DATA FOR NASA'S AVE IV EXPERIMENT: 25 MB
SOUNDING DATA AND SYNOPTIC CHARTS**

I. INTRODUCTION

As of this date, four NASA Atmospheric Variability Experiments have been conducted. Dates the soundings were taken and the number of participating stations are listed in Table 1.

TABLE 1. ATMOSPHERIC VARIABILITY EXPERIMENTS

AVE	Date	Number of Participating Stations
I	19-22 February 1964	30
IIP	11-12 May 1974	54
III	6-7 February 1975	41
IV	24-25 April 1975	42

Data for the first NASA Atmospheric Variability Experiment were presented by Scoggins and Smith [1,2], and a compilation of studies from AVE I has been presented by Scoggins et al. [3]. The reduction procedures and accuracy of the data from the second NASA Atmospheric Variability (Pilot) Experiment (AVE IIP) have been described by Fuelberg [4], while the data were presented by Scoggins and Turner [5] and by Fuelberg and Turner [6]. Data for AVE III have been presented by Fuelberg and Turner [7]. Studies using AVE IIP and AVE III data, including satellite and radar data, are under way. Results from AVE I, AVE IIP, and AVE III have demonstrated conclusively that systems with a time scale of less than 12 hours are important features of the atmosphere and should be studied in greater detail with additional AVE-type experiments.

To provide these additional data, the fourth Atmospheric Variability Experiment (AVE IV) was conducted on April 24-25, 1975. This report presents rawinsonde data and synoptic charts for AVE IV. Selected data from other sources such as satellite, radar, and surface stations are available but are not presented in this report.

II. THE AVE IV EXPERIMENT

Forty-two rawinsonde stations participated in the AVE IV experiment. These stations are shown in Figure 1 and listed in Table 2. Soundings were taken at nine time periods – April 24 at 0000 GMT, 0600 GMT, 1200 GMT, 1500 GMT, 1800 GMT, and 2100 GMT, and on April 25 at 0000 GMT, 0600 GMT, and 1200 GMT. The objectives of the AVE IV are to evaluate the accuracy and representativeness of quantitative satellite data, to investigate the temporal and spatial variability of atmospheric parameters and systems of a scale smaller than that normally detected from data available at 12 h intervals, and to investigate the structure and dynamics of the atmosphere associated with severe weather. To achieve these goals it was desirable to conduct AVE IV during a period when large horizontal temperature gradients existed, convective activity was present, a jet stream was present, a variety of cloud conditions existed, and rapid changes in weather patterns were expected to occur.

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 data and is described by Fuelberg [4] and Fuelberg and Turner [7]. 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 unusual or erroneous soundings are listed in Table 3.

The final data sets of the AVE IV 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.



Figure 1. Rawinsonde stations participating in the AVE IV experiment.

TABLE 2. RAWINSONDE STATIONS PARTICIPATING
IN AVE IV EXPERIMENT

Station Number	Location
208 (CHS)	Charleston, South Carolina
211 (TPA)	Tampa, Florida
213 (AYS)	Waycross, Georgia
220 (VPS)	Apalachicola, Florida
226 (CEN)	Centerville, Alabama
232 (BVE)	Boothville, Louisiana
235 (JAN)	Jackson, Mississippi
240 (LCH)	Lake Charles, Louisiana
248 (SHV)	Shreveport, Louisiana
255 (VCT)	Victoria, Texas
260 (SEP)	Stephenville, Texas
261 (DRT)	Del Rio, Texas
265 (MAF)	Midland, Texas
304 (HAT)	Hatteras, North Carolina
311 (AHN)	Athens, Georgia
317 (GSO)	Greensboro, North Carolina
327 (BNA)	Nashville, Tennessee
340 (LIT)	Little Rock, Arkansas
349 (UMN)	Monett, Missouri
363 (AMA)	Amarillo, Texas
402 (WAL)	Wallops Island, Virginia
405 (IAD)	Sterling, Virginia (Dulles Airport)
425 (HTS)	Huntington, West Virginia
429 (DAY)	Dayton, Ohio
433 (SLO)	Salem, Illinois
451 (DDC)	Dodge City, Kansas
456 (TOP)	Topeka, Kansas
486 (JFK)	Fort Totten, New York (Kennedy Airport)
518 (ALB)	Albany, New York
520 (PIT)	Pittsburg, Pennsylvania
528 (BUF)	Buffalo, New York
532 (PIA)	Peoria, Illinois
553 (OMA)	Omaha, Nebraska
562 (LBF)	North Platte, Nebraska
606 (PWM)	Portland, Maine
637 (FNT)	Flint, Michigan
645 (GRB)	Green Bay, Wisconsin
654 (HUR)	Huron, South Dakota
655 (STC)	St. Cloud, Minnesota
662 (RAP)	Rapid City, South Dakota
11001 (MFS)	Marshall Space Flight Center, Alabama
22002 (FSI)	Fort Sill, Oklahoma

TABLE 3. UNUSUAL OR ERRONEOUS SOUNDINGS

Station	Date/GMT	Error
349 Monett, Missouri	24/1200 25/0000	Sondes released during rainstorm.
429 Dayton, Ohio	24/0600	Sonde released during thunderstorm.
235 Jackson, Mississippi	24/2100	Height and temperature fields seem to be high. No known reason.
402 Wallops Island, Virginia	All time periods	Angle data were not available for Stations 402 and 486 to compute winds using AVE procedure. Winds computed by the National Weather Service are given in the appendix.
486 Fort Totten, New York	All time periods	

IV. DISCUSSION OF SOUNDING DATA

A. Accuracy Estimates

Estimates of the rms errors in the thermodynamic quantities of the AVE IV data are the same as those given by Scoggins and Smith [1] for AVE I, Fuelberg [4] for AVE IIP, and Fuelberg and Turner [7] for AVE III. These estimates are:

<u>Parameter</u>	<u>Approximate rms Error</u>
Temperature	1°C
Pressure	2.3 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. The rms errors in the AVE IV wind data are the same as those given by Fuelberg [4] for the AVE IIP data. 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° at 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 AVE IV contact data is given in Figure 2. An explanation of the column headings is given in Table 4, and a list of missing soundings is given in Table 5. In Figure 2, 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 Appendices A and B. The column headings are identical to those used for the contact data and are described in Table 4. 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 surface-, 850-, 700-, 500-, 400-, 300-, and 200-mb levels for each observation time are presented in Figures 3 through 11. The surface maps were prepared by the National Weather Service. The charts are intended to depict the overall synoptic situation during the observational period and should be reanalyzed when accuracy is a key factor.

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

155 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 CCHP 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	13.0	1024.0	21.1	12.8	190.0	5.2	0.9	5.1	293.5	317.4	9.1	59.0	0.0	0.0
0.2	5.0	89.5	1015.0	21.0	12.8	182.5	6.6	0.3	6.6	294.2	318.5	9.2	59.5	0.3	4.0
0.6	6.0	218.3	1000.0	20.2	12.4	183.0	6.7	0.3	6.6	294.5	318.6	9.1	61.0	0.3	4.0
1.0	7.0	322.4	988.0	19.1	12.1	184.7	6.9	0.6	6.9	294.5	318.3	9.0	64.0	0.4	3.0
1.4	8.0	436.2	975.0	18.2	12.0	182.4	7.8	0.3	7.8	294.7	318.7	9.1	66.9	0.6	4.0
1.6	9.0	533.4	964.0	17.0	11.7	180.9	8.1	0.1	8.1	294.4	318.2	9.0	70.9	0.7	4.0
1.9	10.0	631.3	953.0	16.0	11.7	178.2	8.4	-0.3	8.4	294.4	318.5	9.1	75.9	0.9	3.0
2.4	11.0	757.1	939.0	15.0	12.0	179.1	7.7	-0.1	7.7	294.6	319.6	9.5	82.6	1.1	2.0
2.7	12.0	866.1	927.0	14.0	12.3	182.0	8.0	0.3	8.0	294.7	320.4	9.7	89.3	1.3	1.0
3.1	13.0	976.1	915.0	13.0	12.0	186.7	9.0	1.0	9.0	294.8	320.4	9.7	93.7	1.4	2.0
3.4	14.0	1077.9	904.0	12.1	11.6	190.3	10.0	1.8	9.8	294.8	320.1	9.6	97.3	1.6	2.0
3.7	15.0	1190.1	892.0	11.3	10.8	192.6	10.3	2.3	10.1	255.1	319.4	9.2	96.5	1.8	3.0
4.2	16.0	1322.4	878.0	10.7	10.1	195.3	10.4	2.7	10.0	295.8	319.5	8.9	96.0	2.1	5.0
4.5	17.0	1427.6	867.0	9.5	9.0	196.4	10.4	2.9	10.0	295.5	317.7	8.3	96.7	2.3	6.0
4.9	18.0	1533.6	856.0	8.6	8.1	197.5	9.8	3.0	9.4	295.6	316.8	8.0	97.0	2.5	7.0
5.1	19.0	1640.7	845.0	8.0	5.7	197.8	9.7	3.0	9.2	295.9	314.4	6.8	85.3	2.7	8.0
5.5	20.0	1739.3	835.0	8.9	4.6	197.9	9.7	3.0	9.2	297.8	315.3	6.4	74.3	2.9	8.0
5.9	21.0	1879.4	821.0	8.9	-12.9	198.6	9.8	3.1	9.3	298.7	303.8	1.7	19.9	3.1	9.0
6.3	22.0	1980.6	811.0	8.0	-10.5	200.2	9.8	3.4	9.1	298.8	305.0	2.1	25.6	3.4	10.0
6.6	23.0	2093.0	800.0	7.3	-12.3	201.8	9.5	3.5	8.8	299.2	304.7	1.9	23.2	3.5	10.0
6.9	24.0	2196.4	790.0	6.6	-10.9	203.7	9.1	3.6	8.3	299.5	305.7	2.1	27.3	3.7	11.0
7.3	25.0	2300.7	780.0	5.6	-8.9	207.3	8.2	3.7	7.3	299.6	306.8	2.5	34.3	3.9	12.0
7.7	26.0	2438.0	767.0	5.0	-8.6	212.8	7.2	3.9	6.1	300.5	308.1	2.6	36.6	4.1	12.0
8.1	27.0	2545.1	757.0	5.0	-9.5	221.0	6.4	4.2	4.8	301.6	308.8	2.4	33.9	4.2	13.0
8.4	28.0	2664.5	746.0	4.9	-19.5	229.0	6.0	4.5	3.9	302.5	305.8	1.1	15.1	4.3	14.0
8.7	29.0	2763.2	737.0	4.0	-19.5	237.2	5.8	4.9	3.2	302.6	306.0	1.1	16.0	4.4	15.0
9.1	30.0	2874.2	727.0	3.9	-19.6	247.1	5.8	5.4	2.3	303.6	307.0	1.1	16.0	4.5	16.0
9.4	31.0	2997.7	716.0	2.8	-19.9	252.2	5.9	5.6	1.8	303.8	307.2	1.1	16.8	4.6	17.0
9.8	32.0	3095.9	707.0	1.9	-16.5	255.2	6.0	5.8	1.5	303.9	308.4	1.5	24.1	4.6	19.0
10.2	33.0	3203.1	698.0	1.4	-15.8	255.9	6.2	6.1	1.5	304.4	309.3	1.6	26.4	4.7	20.0
10.5	34.0	3319.1	688.0	0.7	-15.7	255.6	6.4	6.2	1.6	305.0	310.0	1.6	28.0	4.8	21.0
10.8	35.0	3424.8	679.0	0.4	-18.9	257.6	6.6	6.4	1.4	305.7	309.6	1.3	21.7	4.9	23.0
11.2	36.0	3567.7	667.0	0.2	-23.5	262.1	6.6	6.6	0.9	307.0	309.8	0.9	14.8	5.0	24.0
11.6	37.0	3688.6	657.0	-0.1	-24.9	269.3	6.6	6.6	0.1	308.0	310.5	0.8	13.3	5.0	26.0
12.0	38.0	3798.8	648.0	-0.9	-29.5	278.4	6.4	6.4	-0.9	308.3	310.0	0.5	9.2	5.1	28.0
12.3	39.0	3910.3	639.0	-1.2	-32.0	286.4	6.4	6.1	-1.8	309.1	310.5	0.4	7.4	5.1	29.0
12.7	40.0	4023.3	630.0	-1.4	-32.0	295.2	6.7	6.1	-2.9	310.2	311.6	0.4	7.5	5.2	30.0
13.2	41.0	4163.4	619.0	-2.0	-32.4	299.6	7.5	6.6	-3.7	311.1	312.4	0.4	7.5	5.1	33.0
13.6	42.0	4266.7	611.0	-2.3	-32.6	299.0	8.3	7.3	-4.0	311.9	313.2	0.4	7.6	5.1	35.0
13.9	43.0	4397.5	601.0	-2.8	-31.7	298.2	8.8	7.7	-4.2	312.8	314.3	0.4	8.5	5.2	36.0
14.3	44.0	4503.6	593.0	-3.2	-32.0	300.2	9.4	8.1	-4.7	313.5	314.9	0.4	8.6	5.2	39.0
14.7	45.0	4624.5	584.0	-3.5	-32.2	304.2	10.0	8.3	-5.6	314.5	316.0	0.4	8.6	5.3	41.0
15.0	46.0	4733.3	576.0	-4.3	-32.7	307.9	10.5	8.3	-6.5	314.8	316.3	0.4	8.7	5.3	43.0
15.4	47.0	4857.2	567.0	-4.8	-32.0	311.0	11.2	8.5	-7.4	315.7	317.3	0.5	9.7	5.3	46.0
15.7	48.0	4968.8	559.0	-5.5	-25.5	311.4	11.5	8.6	-7.6	316.1	319.0	0.9	18.9	5.3	48.0

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

Figure 2. Example of contact data from the AVE IV experiment.

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
16.1	49.0	5081.7	551.0	-6.3	-26.9	310.4	11.7	8.9	-7.6	316.5	319.1	0.8	17.6	5.3	52.
16.4	50.0	5210.4	542.0	-6.9	-23.5	309.1	11.6	9.0	-7.3	317.4	320.8	1.1	25.1	5.4	54.
16.9	51.0	5340.9	533.0	-7.6	-22.5	308.7	11.4	8.9	-7.1	318.0	321.9	1.2	29.1	5.5	57.
17.2	52.0	5458.4	525.0	-8.6	-22.1	309.5	11.4	8.8	-7.2	318.2	322.2	1.2	32.6	5.6	59.
17.6	53.0	5577.2	517.0	-9.6	-19.2	311.0	11.5	8.7	-7.6	318.4	323.6	1.6	45.4	5.7	62.
18.0	54.0	5712.7	508.0	-10.7	-17.5	312.1	11.9	8.9	-8.0	318.8	324.9	1.9	56.9	5.8	64.
18.4	55.0	5834.6	500.0	-11.8	-19.3	311.0	12.2	9.2	-8.0	318.8	324.2	1.7	53.4	5.9	67.
18.8	56.0	5973.5	491.0	-12.6	-21.2	307.7	12.4	9.8	-7.6	319.4	324.1	1.4	48.4	6.0	70.
19.2	57.0	6083.0	484.0	-13.3	-21.5	303.0	12.6	10.6	-6.9	319.9	324.5	1.4	50.0	6.2	72.
19.6	58.0	6209.8	476.0	-14.0	-22.5	297.6	13.0	11.5	-6.0	320.5	324.8	1.3	48.5	6.4	74.
19.9	59.0	6322.2	469.0	-14.9	-22.5	294.0	13.3	12.2	-5.4	320.8	325.2	1.3	52.0	6.6	75.
20.4	60.0	6468.6	460.0	-15.8	-22.2	290.2	13.9	13.0	-4.8	321.4	326.0	1.4	58.0	6.9	77.
20.8	61.0	6584.2	453.0	-16.1	-21.5	289.5	14.4	13.6	-4.8	322.5	327.5	1.5	63.2	7.2	79.
21.2	62.0	6684.6	447.0	-16.7	-23.7	290.2	15.1	14.1	-5.2	323.0	327.2	1.3	54.4	7.5	80.
21.7	63.0	6820.1	439.0	-17.5	-24.9	292.1	16.0	14.8	-6.0	323.6	327.5	1.1	52.3	7.9	82.
22.0	64.0	6940.3	432.0	-18.6	-25.5	293.2	16.6	15.2	-6.5	323.7	327.4	1.1	54.2	8.2	83.
22.4	65.0	7061.9	425.0	-19.8	-26.2	294.4	17.0	15.5	-7.0	323.7	327.2	1.1	56.6	8.5	84.
22.9	66.0	7202.8	417.0	-20.6	-26.6	295.5	17.3	15.6	-7.5	324.4	327.9	1.0	58.6	9.0	86.
23.4	67.0	7327.8	410.0	-21.7	-27.2	296.4	17.4	15.6	-7.7	324.6	327.9	1.0	60.5	9.4	88.
23.7	68.0	7454.4	403.0	-22.9	-29.2	296.9	17.2	15.3	-7.8	324.6	327.5	0.8	56.0	9.7	88.
24.2	69.0	7582.7	396.0	-23.8	-29.3	297.1	16.4	14.6	-7.5	325.0	327.9	0.8	60.0	10.2	90.
24.6	70.0	7712.8	389.0	-24.6	-30.8	296.2	15.8	14.2	-6.9	325.6	328.2	0.7	55.9	10.5	91.
25.2	71.0	7882.9	380.0	-25.8	-32.8	293.8	15.5	14.2	-6.3	326.2	328.4	0.6	51.4	11.0	92.
25.6	72.0	8017.5	373.0	-26.5	-36.1	293.7	15.8	14.5	-6.4	327.1	328.7	0.5	39.2	11.3	93.
26.0	73.0	8154.1	366.0	-27.6	-36.4	295.2	16.3	14.8	-7.0	327.2	328.9	0.5	42.5	11.7	93.
26.5	74.0	8272.7	360.0	-28.8	-36.3	297.1	17.1	15.2	-7.8	327.2	328.9	0.5	48.2	12.1	94.
26.9	75.0	8412.9	353.0	-30.0	-35.3	297.6	17.7	15.7	-8.2	327.4	329.3	0.5	59.4	12.5	95.
27.4	76.0	8534.7	347.0	-31.2	-35.3	297.3	18.4	16.3	-8.4	327.4	329.4	0.5	67.1	13.0	96.
27.8	77.0	8678.9	340.0	-32.1	-37.6	296.5	18.8	16.8	-8.4	328.1	329.7	0.4	58.0	13.4	97.
28.2	78.0	8804.5	334.0	-32.8	-39.7	295.5	19.1	17.2	-8.2	328.8	330.1	0.4	49.5	13.9	97.
28.6	79.0	8931.8	328.0	-34.0	-40.8	294.8	19.3	17.5	-8.1	328.9	330.1	0.3	49.5	14.3	98.
29.0	80.0	9060.9	322.0	-34.9	-40.4	294.7	19.4	17.6	-8.1	329.4	330.6	0.3	57.3	14.8	98.
29.6	81.0	9214.0	315.0	-35.9	-40.0	295.6	19.8	17.9	-8.6	330.1	331.5	0.4	65.1	15.4	99.
29.9	82.0	9347.3	309.0	-37.2	-41.2	296.0	20.0	18.0	-8.8	330.1	331.3	0.3	65.9	15.8	99.
30.4	83.0	9482.6	303.0	-38.2	-42.4	296.4	20.2	18.1	-9.0	330.6	331.7	0.3	63.8	16.4	100.
30.8	84.0	9596.8	298.0	-39.4	-43.7	296.8	20.3	18.1	-9.1	330.4	331.4	0.3	62.8	16.8	101.
31.2	85.0	9735.7	292.0	-40.6	99.9	297.1	20.3	18.1	-9.3	330.7	999.9	99.9	99.9	17.3	101.
31.8	86.0	9900.7	285.0	-41.6	99.9	296.9	21.0	18.7	-9.5	331.6	999.9	99.9	99.9	18.0	102.
32.3	87.0	10020.4	280.0	-43.0	99.9	296.0	22.1	19.9	-9.7	331.3	999.9	99.9	99.9	18.6	102.
32.7	88.0	10166.1	274.0	-44.0	99.9	295.3	23.1	20.9	-9.8	331.9	999.9	99.9	99.9	19.1	103.
33.2	89.0	10289.3	269.0	-45.4	99.9	295.1	23.6	21.4	-10.0	331.6	999.9	99.9	99.9	19.9	103.
33.6	90.0	10414.2	264.0	-46.5	99.9	295.9	23.4	21.1	-10.2	331.7	999.9	99.9	99.9	20.5	103.
34.1	91.0	10540.8	259.0	-47.8	99.9	297.8	23.2	20.5	-10.8	331.6	999.9	99.9	99.9	21.1	104.
34.6	92.0	10695.0	253.0	-49.2	99.9	299.2	24.1	21.0	-11.8	331.8	999.9	99.9	99.9	21.8	104.
35.1	93.0	10825.5	248.0	-50.5	99.9	300.0	26.1	22.6	-13.0	331.7	999.9	99.9	99.9	22.4	105.

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

Figure 2. (Continued).

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
35.6	94.0	10558.0	243.0	-51.8	99.9	300.9	27.8	23.8	-14.2	331.8	999.9	99.9	999.9	23.2	105.
35.9	95.0	11092.4	238.0	-53.0	99.9	301.5	28.0	23.9	-14.7	331.9	999.9	99.9	999.9	23.8	106.
36.5	96.0	11256.5	232.0	-54.6	99.9	302.7	27.0	22.8	-14.6	331.9	999.9	99.9	999.9	24.7	106.
37.0	97.0	11395.5	227.0	-55.9	99.9	303.4	26.0	21.7	-14.3	332.0	999.9	99.9	999.9	25.5	107.
37.6	98.0	11508.3	223.0	-57.2	99.9	304.5	26.1	21.5	-14.8	331.6	999.9	99.9	999.9	26.4	107.
38.0	99.0	11651.3	218.0	-58.4	99.9	305.1	26.7	21.8	-15.3	332.0	999.9	99.9	999.9	27.0	108.
38.4	100.0	11796.7	213.0	-60.0	99.9	305.9	27.2	22.0	-15.9	331.7	999.9	99.9	999.9	27.6	108.
38.9	101.0	11944.6	208.0	-61.3	99.9	307.8	27.6	21.8	-16.9	332.0	999.9	99.9	999.9	28.4	109.
39.3	102.0	12095.3	203.0	-62.2	99.9	309.7	27.9	21.5	-17.8	332.9	999.9	99.9	999.9	29.0	109.
39.8	103.0	12218.1	199.0	-62.8	99.9	311.0	29.0	21.8	-19.0	333.9	999.9	99.9	999.9	29.8	110.
40.3	104.0	12343.1	195.0	-62.9	99.9	310.7	31.0	23.5	-20.2	335.5	999.9	99.9	999.9	30.6	110.
40.9	105.0	12502.7	190.0	-63.9	99.9	310.0	33.6	25.7	-21.5	336.5	999.9	99.9	999.9	31.7	111.
41.6	106.0	12633.0	186.0	-64.3	99.9	309.4	34.6	26.8	-22.0	337.9	999.9	99.9	999.9	33.1	112.
42.1	107.0	12765.9	182.0	-64.7	99.9	308.1	34.1	26.8	-21.1	339.4	999.9	99.9	999.9	34.1	112.
42.7	108.0	12901.7	178.0	-64.5	99.9	304.7	32.6	26.8	-18.5	341.9	999.9	99.9	999.9	35.3	113.
43.3	109.0	13041.0	174.0	-63.1	99.9	300.9	32.2	27.7	-16.5	346.3	999.9	99.9	999.9	36.4	113.
43.9	110.0	13134.4	170.0	-62.4	99.9	298.8	33.4	29.3	-16.1	349.9	999.9	99.9	999.9	37.5	113.
44.7	111.0	13268.8	165.0	-62.0	99.9	298.9	33.8	29.6	-16.4	353.5	999.9	99.9	999.9	39.2	114.
45.2	112.0	13520.5	161.0	-62.2	99.9	301.3	34.1	29.1	-17.7	355.7	999.9	99.9	999.9	40.2	114.
45.9	113.0	13676.1	157.0	-62.0	99.9	305.8	34.9	28.3	-20.4	358.6	999.9	99.9	999.9	41.6	114.
46.5	114.0	13795.7	154.0	-60.9	99.9	307.1	34.8	27.8	-21.0	362.4	999.9	99.9	999.9	42.9	115.
47.1	115.0	13959.4	150.0	-60.5	99.9	305.1	33.9	27.7	-19.5	365.8	999.9	99.9	999.9	44.0	115.
48.0	116.0	14127.4	146.0	-61.5	99.9	303.9	33.3	27.6	-18.6	367.0	999.9	99.9	999.9	45.8	115.
48.7	117.0	14300.5	142.0	-59.3	99.9	306.8	34.1	27.3	-20.4	373.7	999.9	99.9	999.9	47.3	115.
49.4	118.0	14434.2	139.0	-59.5	99.9	307.7	34.2	27.1	-20.9	375.7	999.9	99.9	999.9	48.5	116.
50.1	119.0	14616.8	135.0	-59.8	99.9	307.2	33.3	26.5	-20.1	378.2	999.9	99.9	999.9	50.2	116.
50.7	120.0	14757.0	132.0	-60.5	99.9	308.3	31.2	24.5	-19.3	379.4	999.9	99.9	999.9	51.2	116.
51.5	121.0	14948.6	128.0	-60.5	99.9	309.5	27.5	21.2	-17.5	382.8	999.9	99.9	999.9	52.6	117.
52.1	122.0	15055.9	125.0	-61.8	99.9	310.5	23.7	18.0	-15.4	383.1	999.9	99.9	999.9	53.5	117.
52.7	123.0	15245.8	122.0	-63.1	99.9	311.6	20.0	14.9	-13.3	383.3	999.9	99.9	999.9	54.3	117.
53.4	124.0	15398.5	119.0	-64.5	99.9	307.4	19.9	15.8	-12.1	383.6	999.9	99.9	999.9	54.9	117.
54.2	125.0	15606.8	115.0	-65.7	99.9	300.8	21.0	18.0	-10.7	385.2	999.9	99.9	999.9	56.1	118.
55.1	126.0	15766.9	112.0	-67.3	99.9	296.3	19.1	17.1	-8.5	385.0	999.9	99.9	999.9	57.0	118.
55.8	127.0	15930.1	109.0	-68.4	99.9	295.7	20.6	18.5	-8.9	386.0	999.9	99.9	999.9	57.9	117.
56.6	128.0	16097.2	106.0	-69.2	99.9	293.9	22.9	20.9	-9.3	387.5	999.9	99.9	999.9	58.9	117.
57.3	129.0	16268.3	103.0	-70.1	99.9	291.1	23.8	22.2	-8.6	389.0	999.9	99.9	999.9	59.9	117.
58.0	130.0	16443.6	100.0	-71.3	99.9	292.2	25.1	23.3	-9.5	390.1	999.9	99.9	999.9	60.9	117.
58.9	131.0	16684.3	96.0	-72.4	99.9	298.6	25.8	22.7	-12.4	392.3	999.9	99.9	999.9	62.2	117.
59.8	132.0	16871.3	93.0	-71.7	99.9	303.8	28.5	23.7	-15.9	397.3	999.9	99.9	999.9	63.9	117.
60.6	133.0	17065.3	90.0	-70.6	99.9	303.9	23.8	19.8	-13.3	403.4	999.9	99.9	999.9	65.0	117.
61.4	134.0	17265.6	87.0	-72.2	99.9	307.9	19.1	15.1	-11.7	404.0	999.9	99.9	999.9	66.1	118.
62.2	135.0	17402.9	85.0	-71.3	99.9	310.3	19.6	15.0	-12.7	408.6	999.9	99.9	999.9	66.9	118.
63.3	136.0	17689.2	81.0	-69.5	99.9	323.0	17.9	10.7	-14.3	418.0	999.9	99.9	999.9	68.2	118.
64.3	137.0	17914.5	78.0	-69.2	99.9	339.6	15.0	5.2	-14.0	423.0	999.9	99.9	999.9	69.0	118.
65.5	138.0	18148.2	75.0	-70.1	99.9	8.2	8.0	-1.1	-7.9	425.9	999.9	99.9	999.9	69.4	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

Figure 2. (Continued).

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

155 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
66.6	139.0	18391.5	72.0	-69.2	99.9	313.6	11.1	8.0	-7.6	432.8	999.9	99.9	999.9	69.9	119.
67.7	140.0	18646.9	69.0	-67.3	99.9	314.6	9.1	6.5	-6.4	442.2	999.9	99.9	999.9	70.6	119.
68.9	141.0	18915.6	66.0	-66.3	99.9	329.1	12.1	6.2	-10.4	450.1	999.9	99.9	999.9	71.3	120.
70.2	142.0	19197.5	63.0	-66.3	99.9	357.0	7.4	0.4	-7.3	456.2	999.9	99.9	999.9	71.9	120.
71.6	143.0	19493.9	60.0	-65.3	99.9	334.2	2.9	1.3	-2.6	464.8	999.9	99.9	999.9	72.0	120.
73.0	144.0	19807.0	57.0	-64.3	99.9	324.0	5.6	3.3	-4.5	473.9	999.9	99.9	999.9	72.1	120.
74.5	145.0	20139.3	54.0	-62.4	99.9	2.1	6.0	-0.2	-6.0	485.7	999.9	99.9	999.9	72.8	121.
76.0	146.0	20491.5	51.0	-63.1	99.9	179.9	3.0	-0.0	3.0	491.9	999.9	99.9	999.9	72.6	121.
77.5	147.0	20864.8	48.0	-62.8	99.9	300.7	10.4	9.0	-5.3	501.4	999.9	99.9	999.9	72.9	121.
79.2	148.0	21263.9	45.0	-61.3	99.9	256.6	3.9	3.5	-1.7	514.4	999.9	99.9	999.9	74.1	121.
80.9	149.0	21546.8	43.0	-60.2	99.9	324.9	4.6	2.6	-3.7	523.8	999.9	99.9	999.9	74.4	121.
82.8	150.0	22000.9	40.0	-57.4	99.9	323.9	12.0	7.1	-9.7	541.7	999.9	99.9	999.9	75.4	121.
84.6	151.0	22494.9	37.0	-56.2	99.9	324.9	8.1	4.6	-6.6	556.9	999.9	99.9	999.9	76.0	121.
86.6	152.0	23033.8	34.0	-54.9	99.9	279.7	0.7	0.7	-0.1	574.0	999.9	99.9	999.9	76.8	122.
88.6	153.0	23624.7	31.0	-54.6	99.9	248.0	3.8	3.5	1.4	590.3	999.9	99.9	999.9	77.2	121.
90.8	154.0	24051.5	29.0	-54.8	99.9	320.9	2.3	1.5	-1.8	601.2	999.9	99.9	999.9	77.3	121.
93.2	155.0	24750.6	26.0	-54.4	99.9	316.7	9.2	6.3	-6.7	621.2	999.9	99.9	999.9	78.1	121.
95.8	156.0	25540.3	23.0	-52.1	99.9	327.7	9.3	5.0	-7.9	650.3	999.9	99.9	999.9	79.3	122.
98.8	157.0	26449.7	20.0	-49.9	99.9	321.9	0.7	0.4	-0.5	683.4	999.9	99.9	999.9	80.1	122.
102.1	158.0	27137.5	18.0	-50.7	99.9	999.9	99.9	99.9	99.9	701.9	999.9	99.9	999.9	999.9	999.

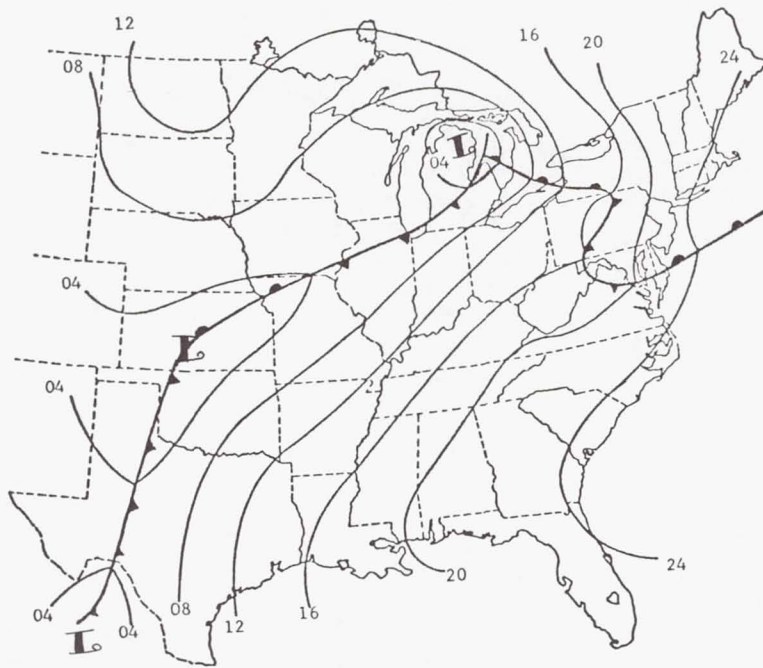
Figure 2. (Concluded).

TABLE 4. EXPLANATION OF COLUMN HEADINGS OF TABULATED SOUNDING DATA FOR THE AVSSE II EXPERIMENT

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. Note: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. Note: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. 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.

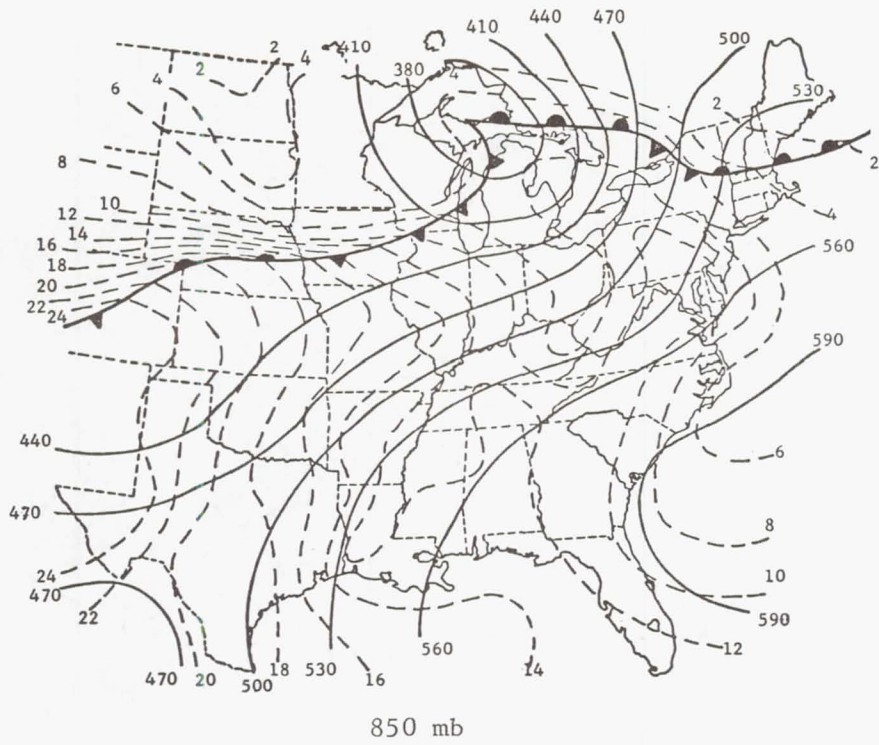
TABLE 5. LIST OF MISSING SOUNDINGS

Station	Date/GMT	Reason for Omission
562 North Platte, Nebraska	25/0600	Sounding not taken.
486 Fort Totten, New York	25/0600	Pen out of ink, no visible trace.
11001 Marshall Space Flight Center, Alabama	24/0000	Sounding not taken.
402 Wallops Island, Virginia	24/0000 24/0600 24/1200 25/0000 25/1200	Wind data only missing. Thermodynamic data were computed normally.
22002 Fort Sill, Oklahoma	24/0000 24/1500 24/2100 25/0600 25/1200	Soundings not taken.

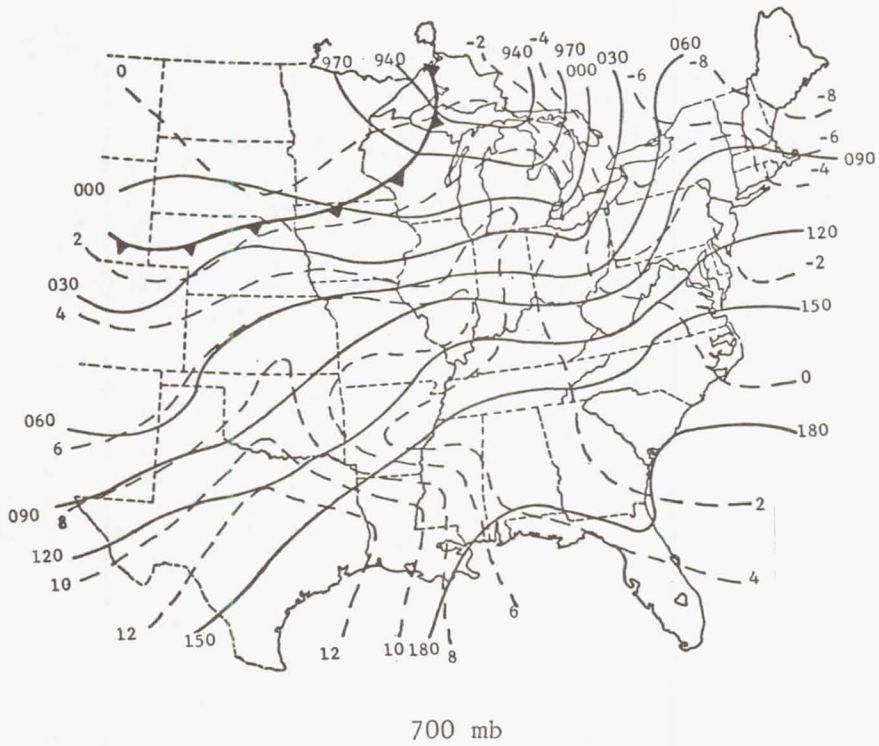


Surface

Figure 3. Synoptic charts for 0000 GMT, 24 April 1975.

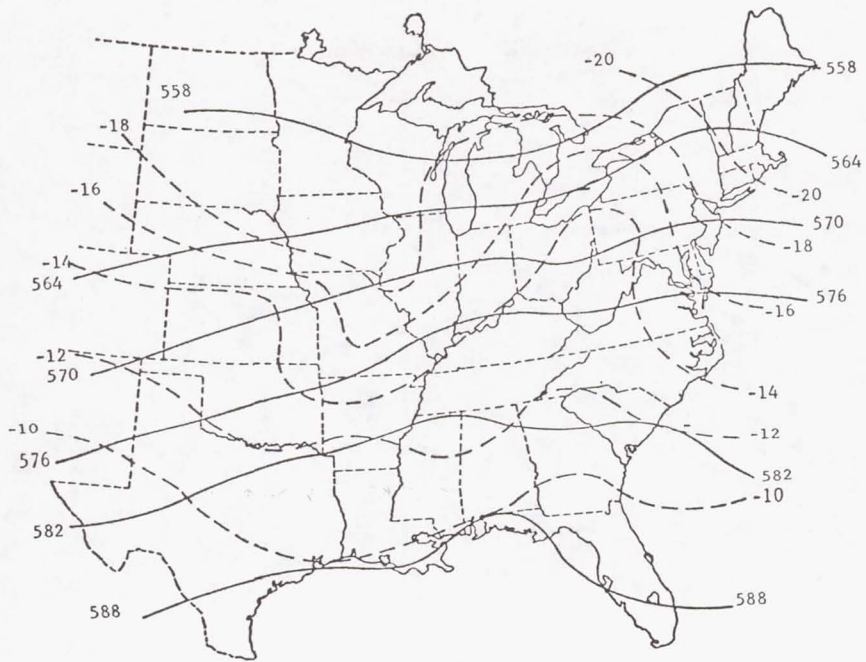


850 mb

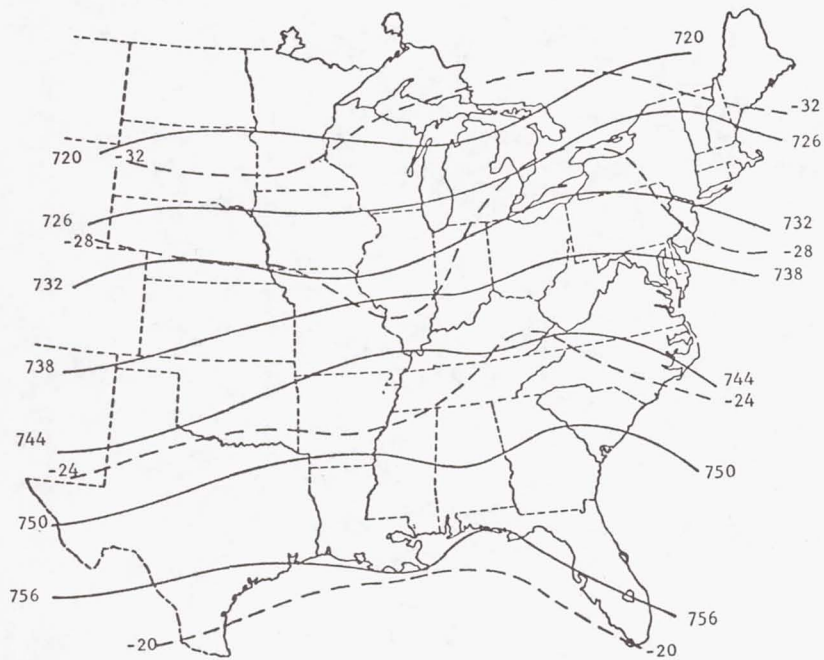


700 mb

Figure 3. (Continued).



500 mb



400 mb

Figure 3. (Continued).

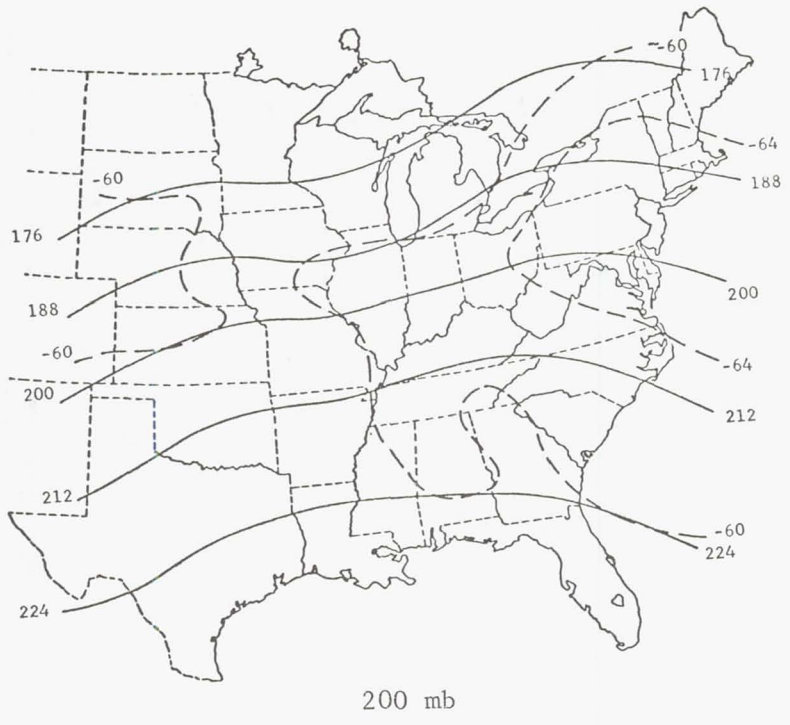
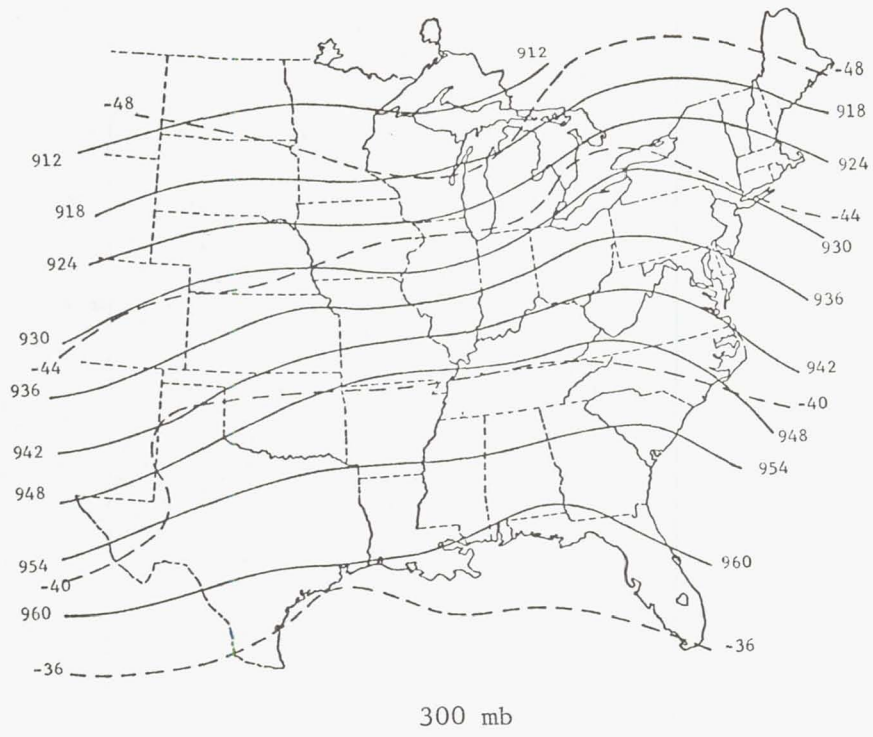
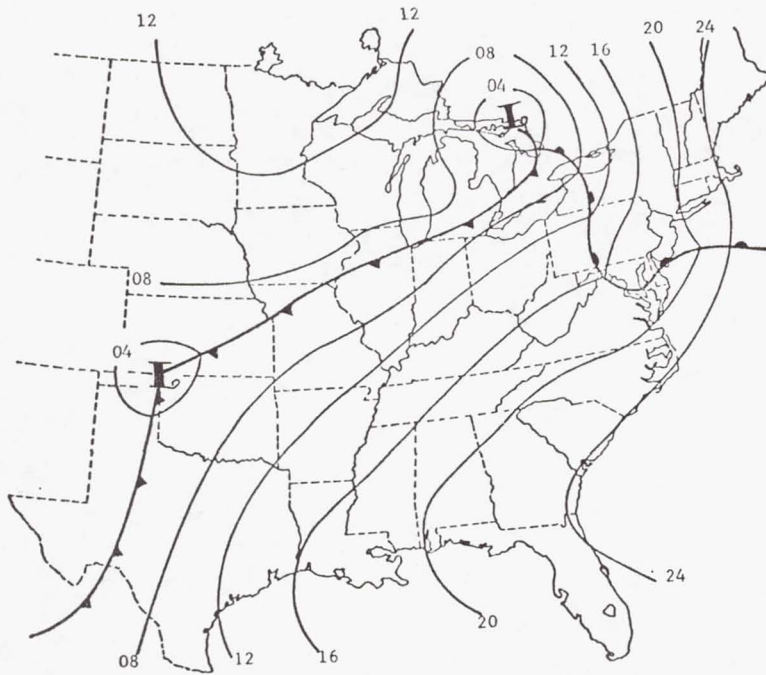
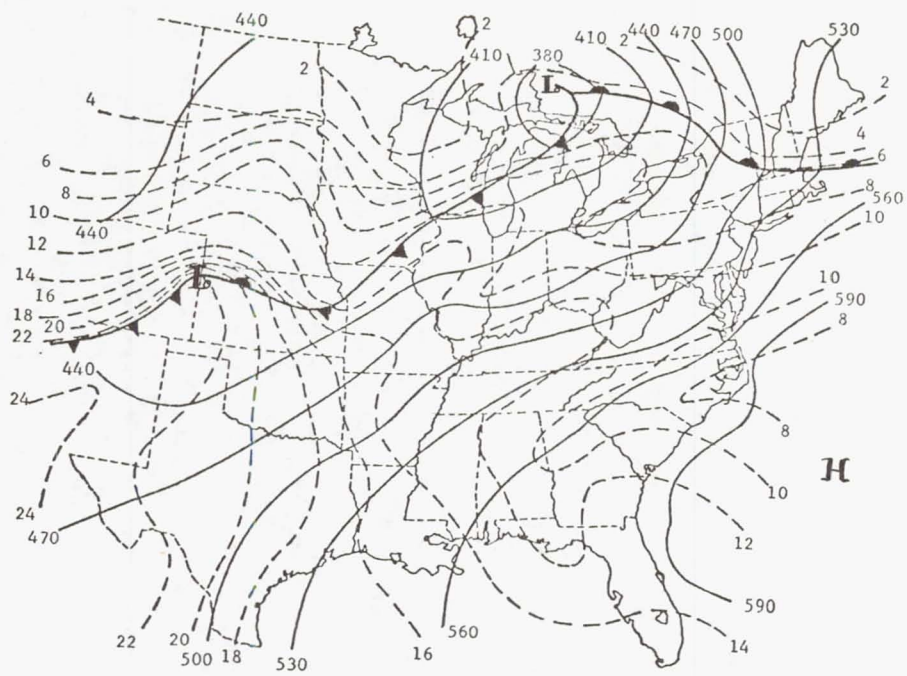


Figure 3. (Concluded).

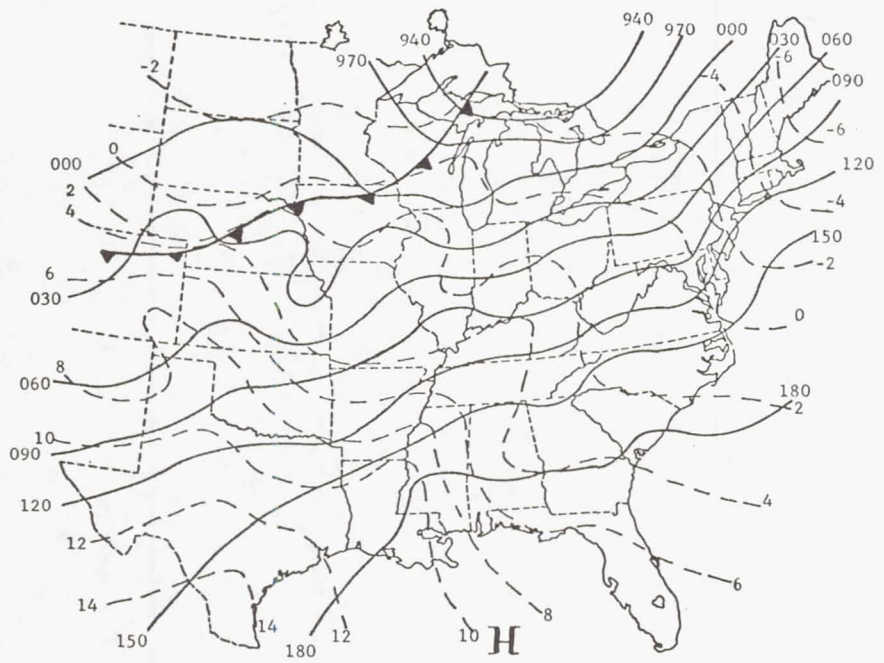


Surface

Figure 4. Synoptic charts for 0600 GMT, 24 April 1975.

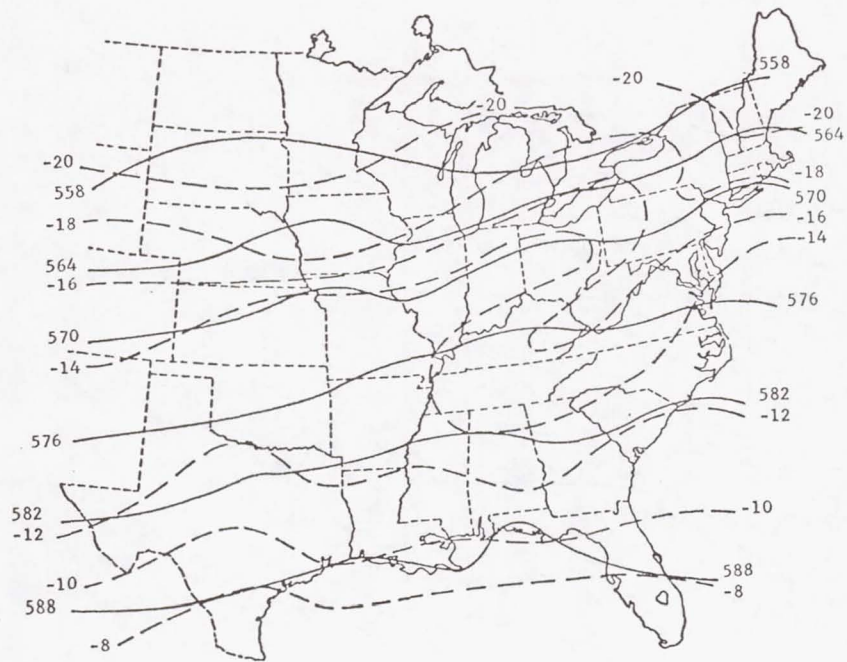


850 mb

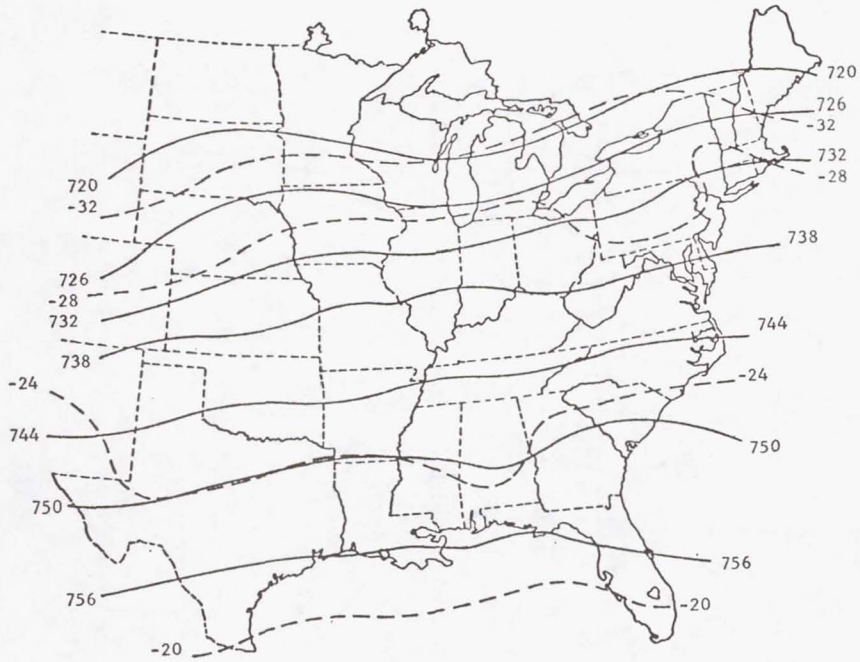


700 mb

Figure 4. (Continued).

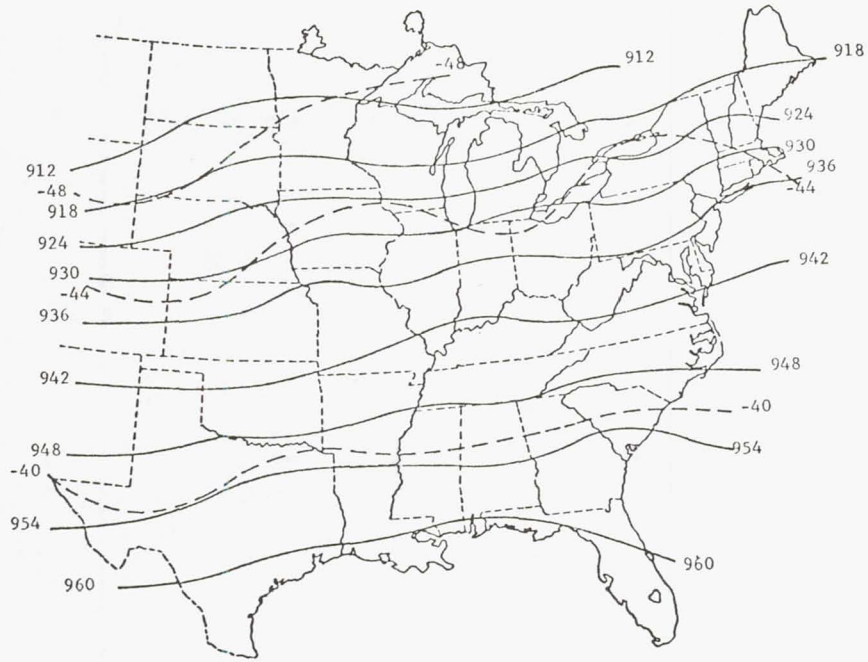


500 mb

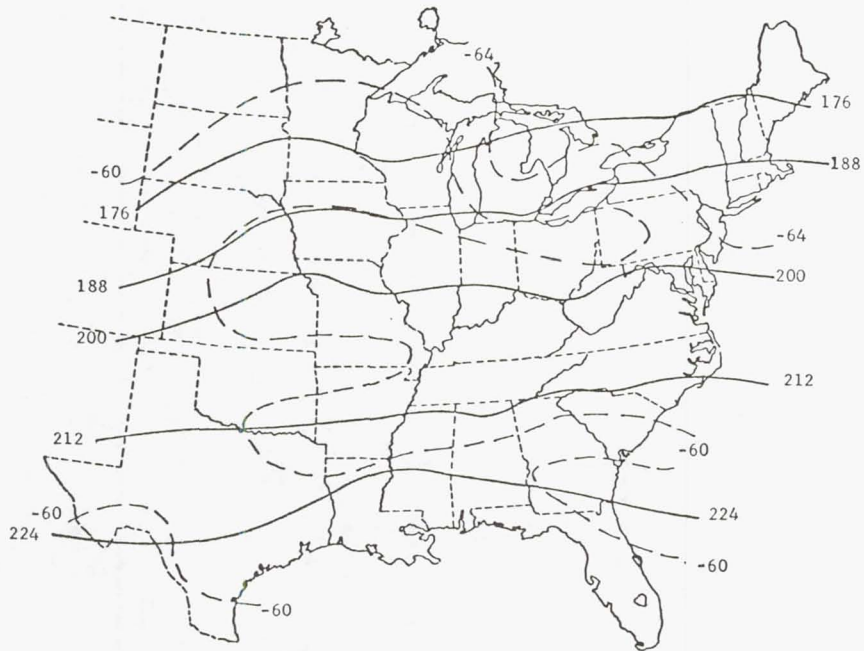


400 mb

Figure 4. (Continued).

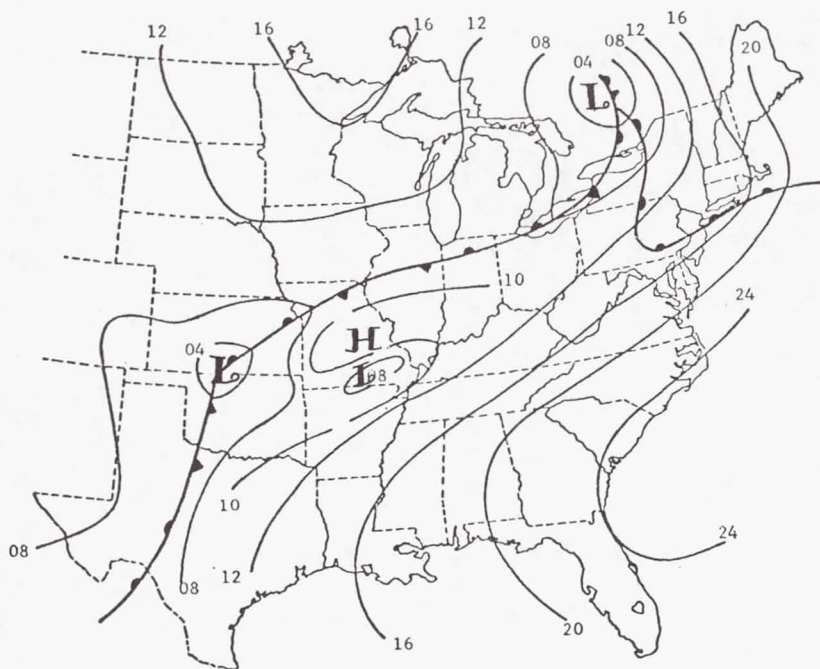


300 mb



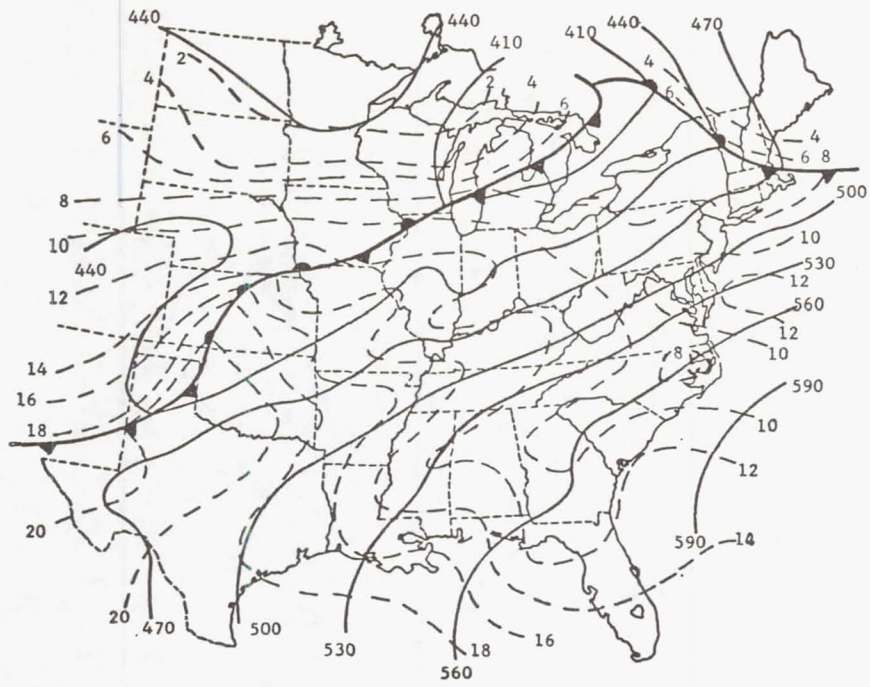
200 mb

Figure 4. (Concluded).

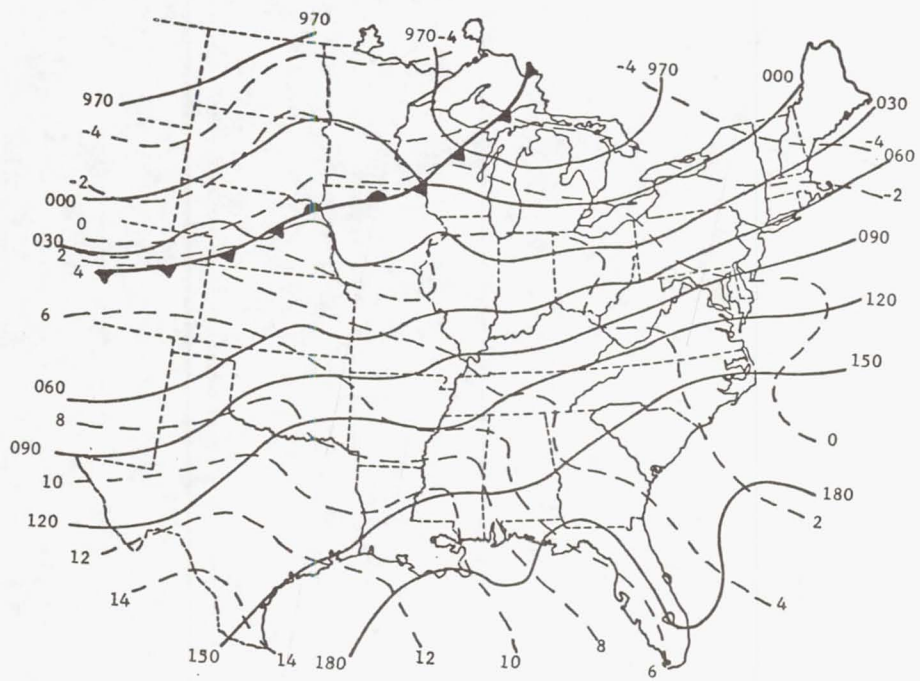


Surface

Figure 5. Synoptic charts for 1200 GMT, 24 April 1975.

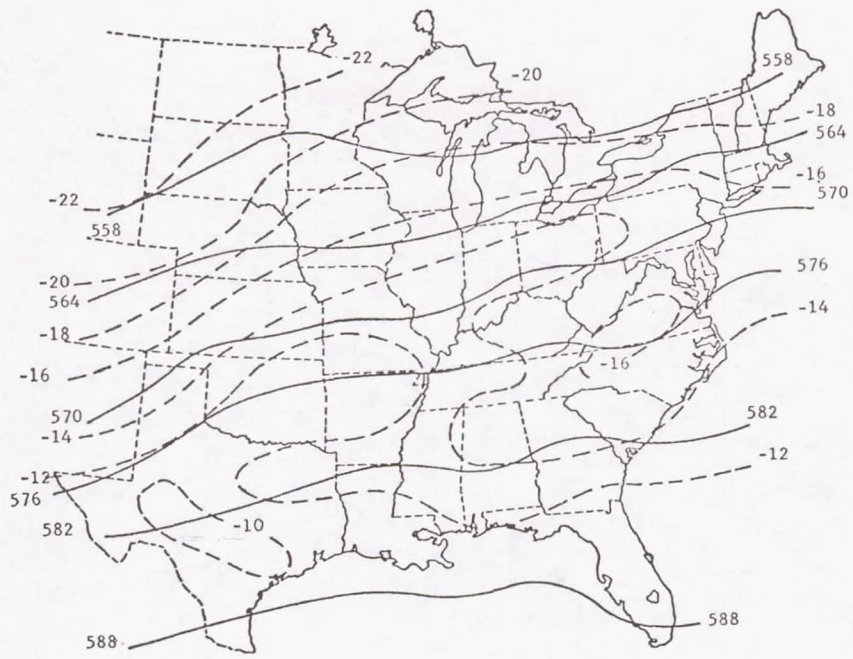


850 mb

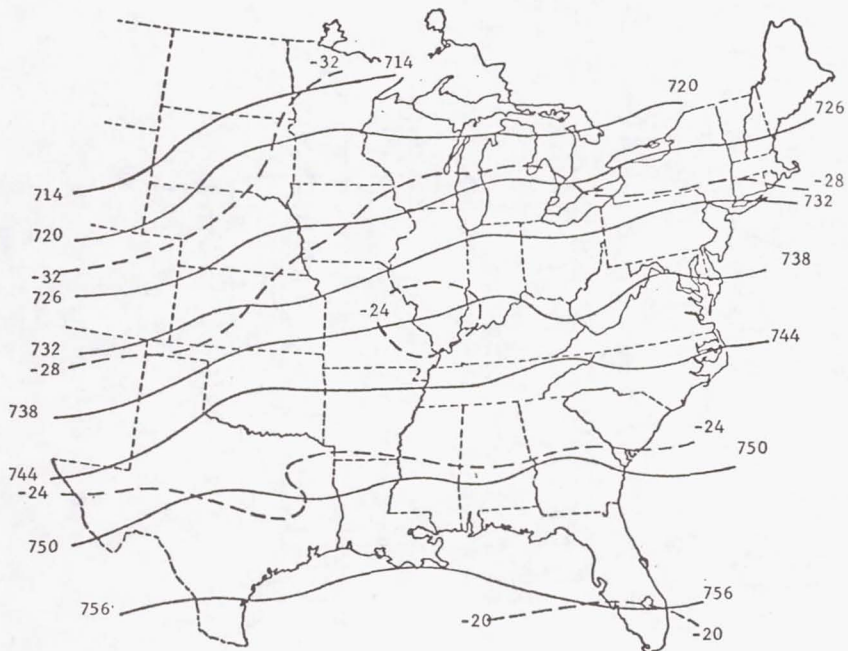


700 mb

Figure 5. (Continued).

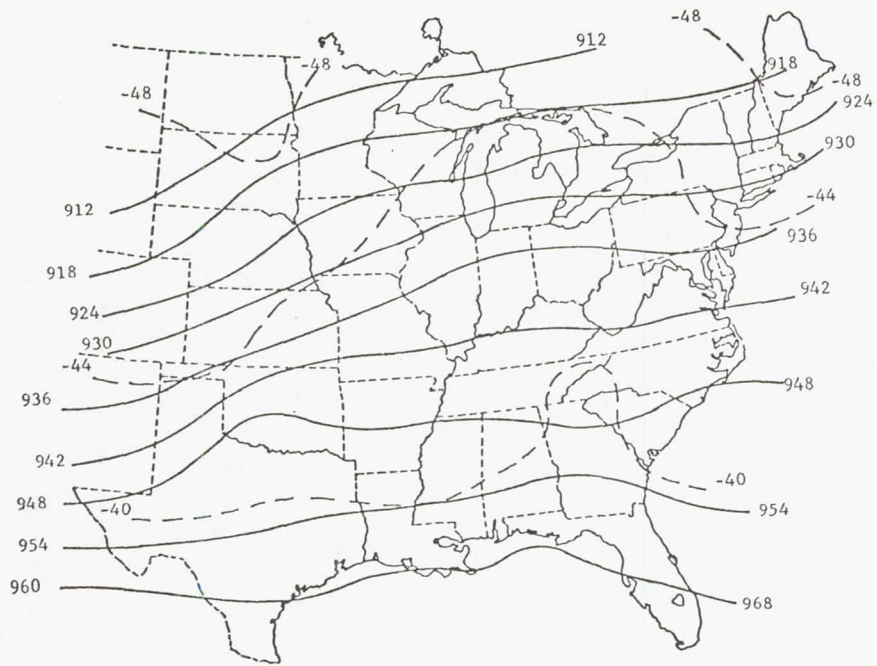


500 mb

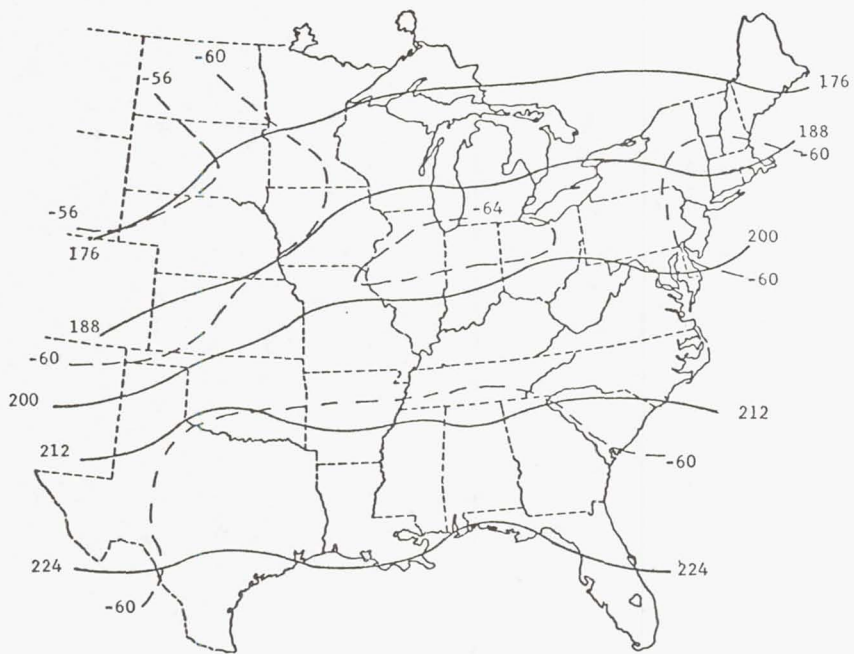


400 mb

Figure 5. (Continued).

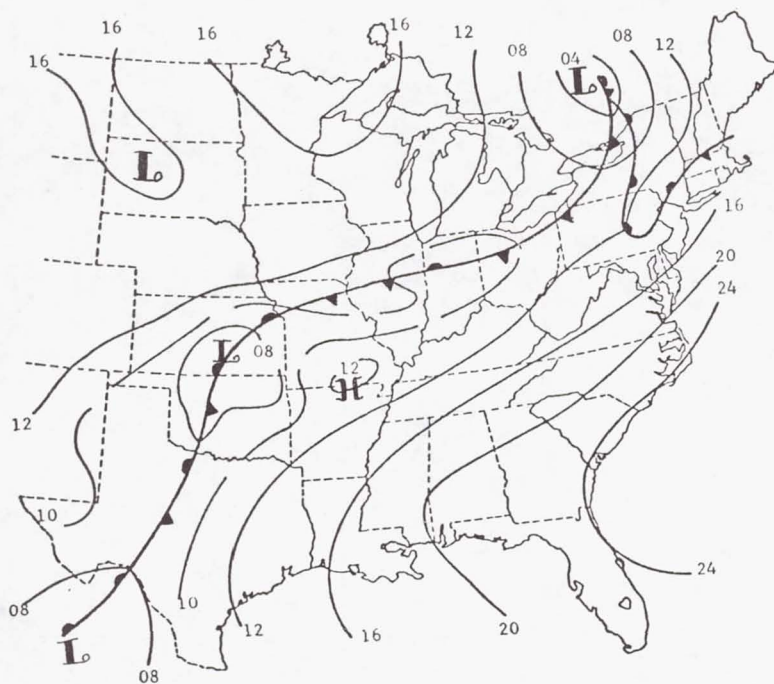


300 mb



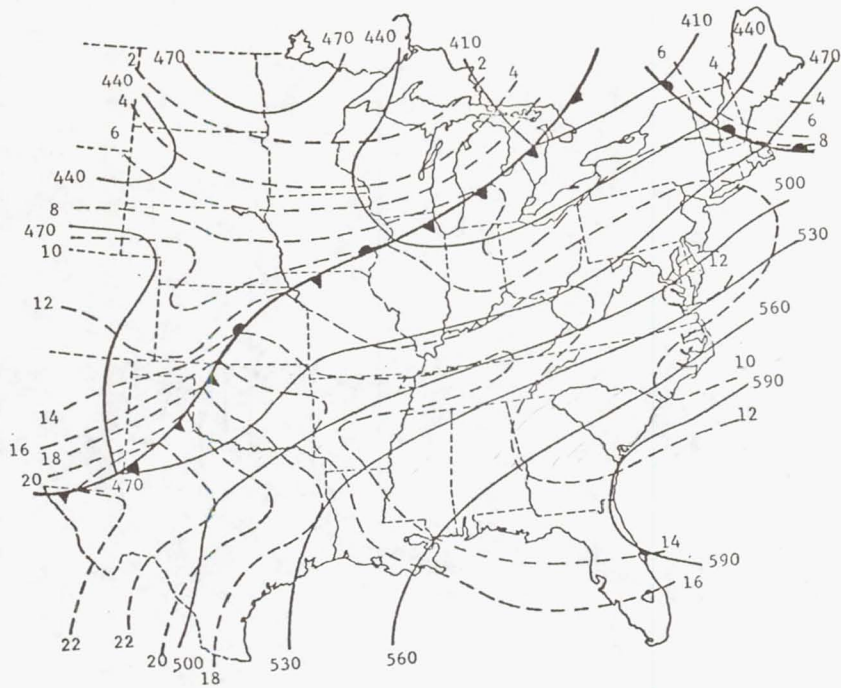
200 mb

Figure 5. (Concluded).

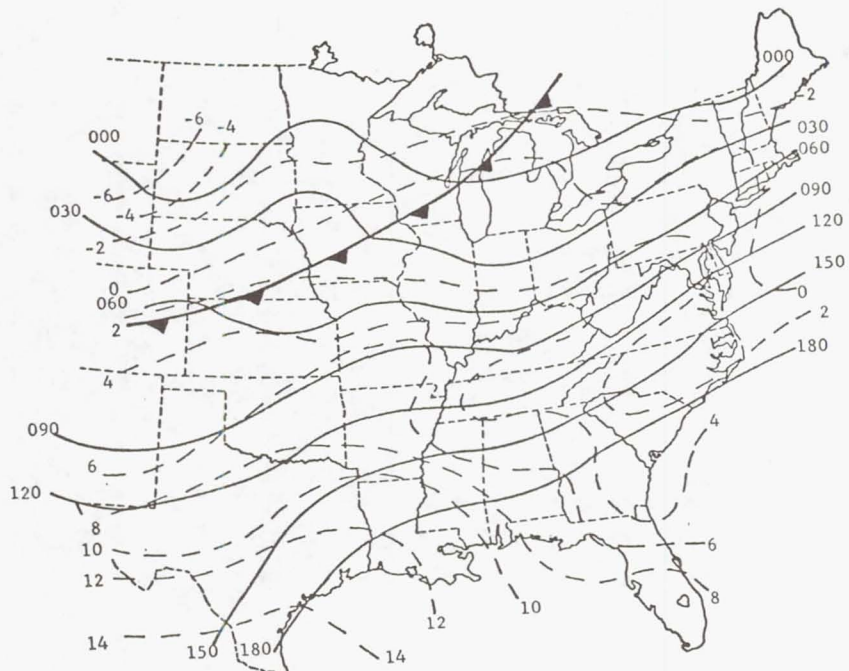


Surface

Figure 6. Synoptic charts for 1500 GMT, 24 April 1975.

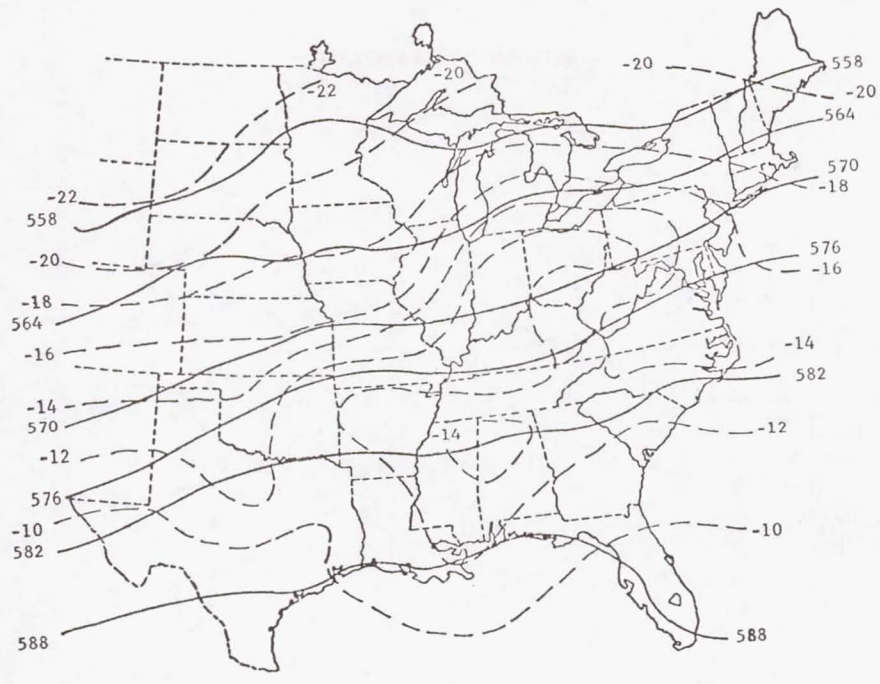


850 mb

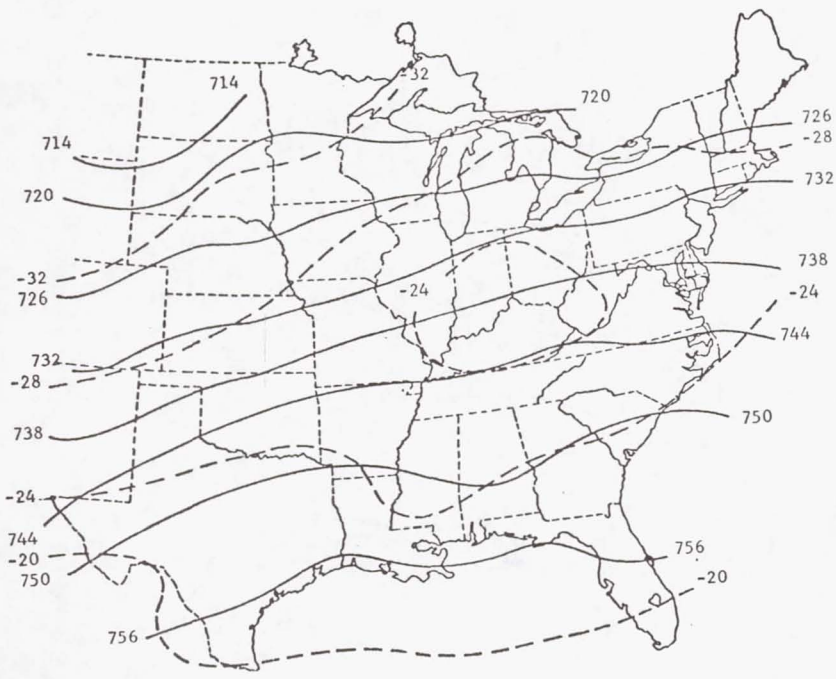


700 mb

Figure 6. (Continued).

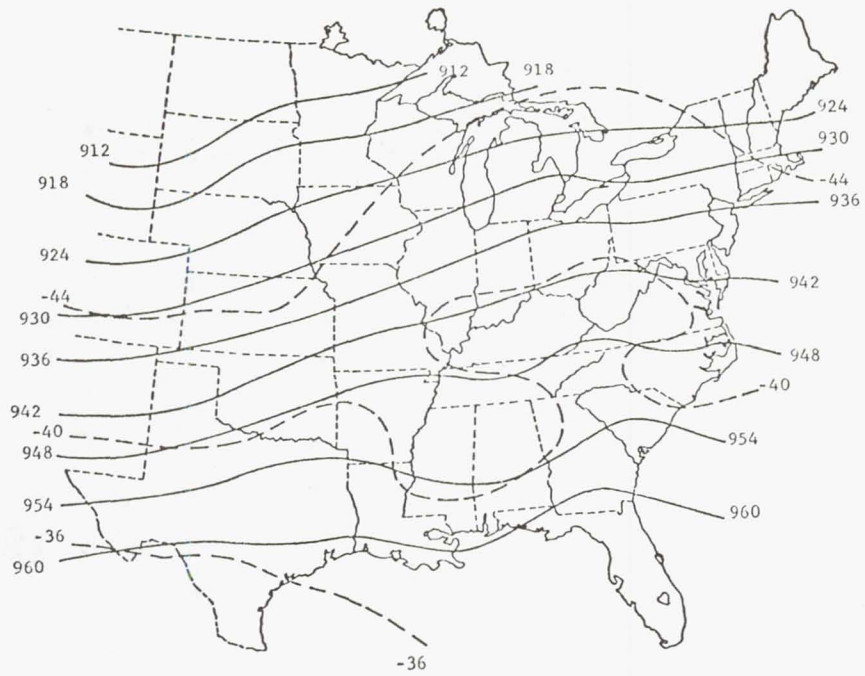


500 mb

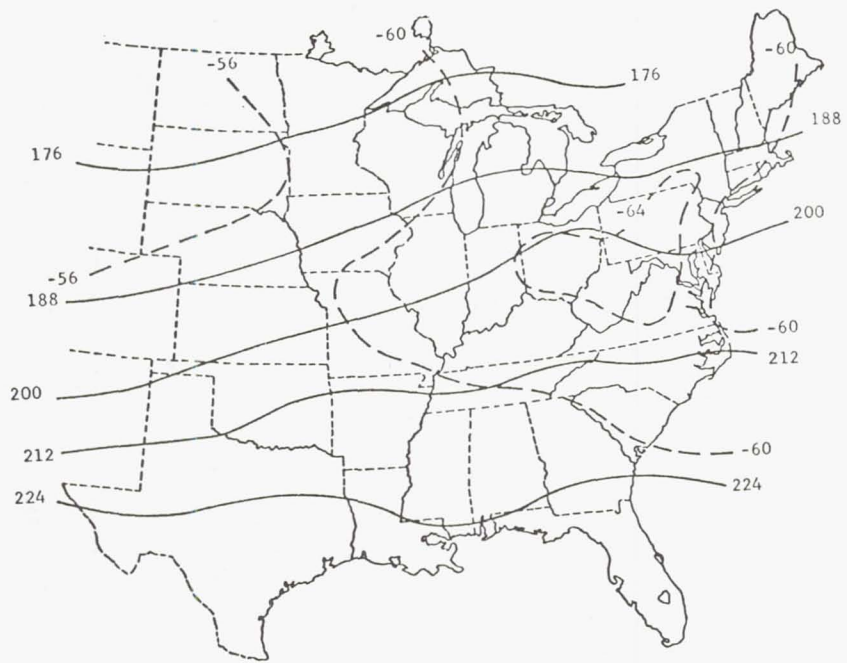


400 mb

Figure 6. (Continued).

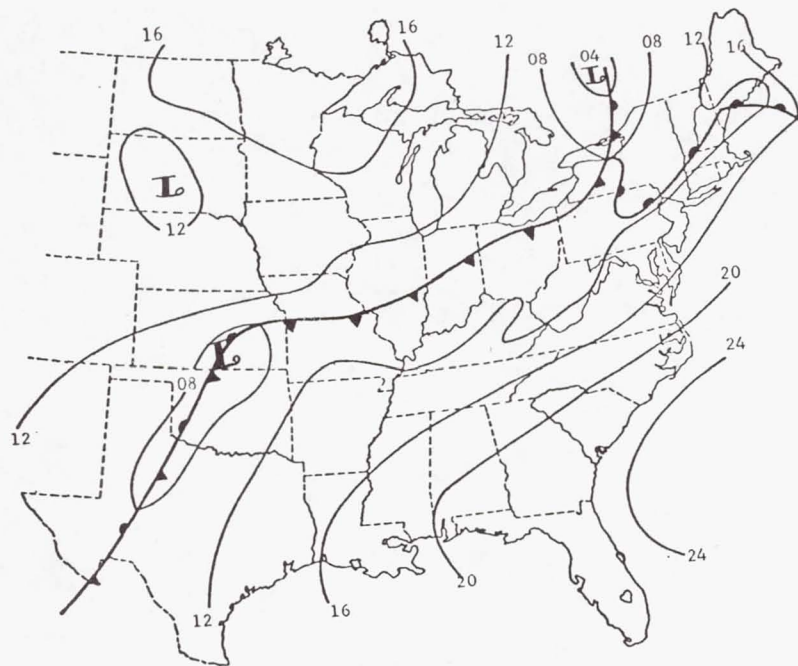


300 mb



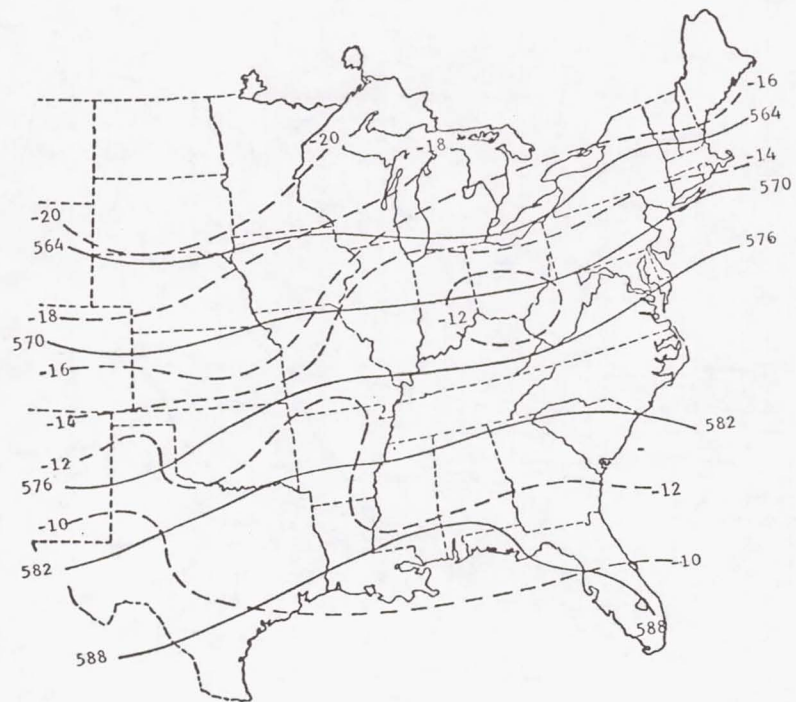
200 mb

Figure 6. (Concluded).

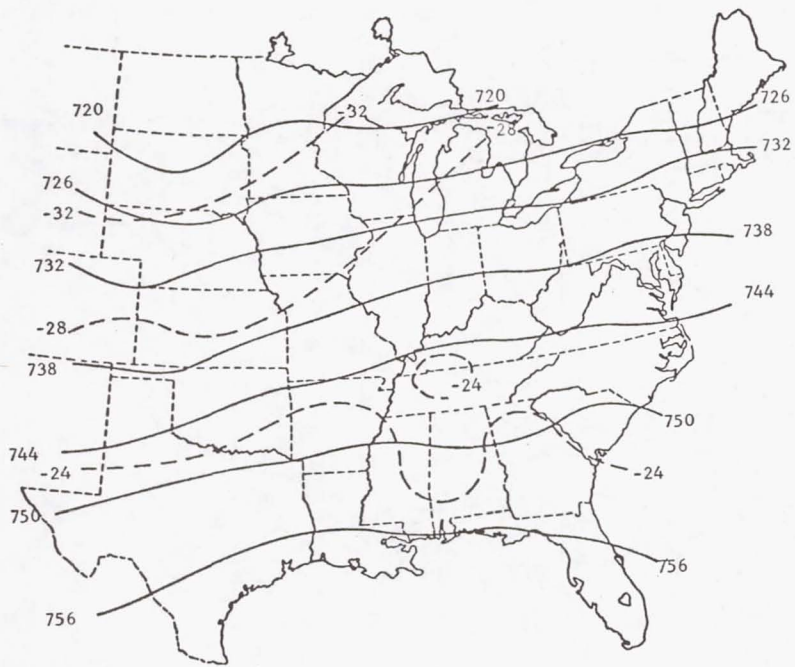


Surface

Figure 7. Synoptic charts for 1800 GMT, 24 April 1975.

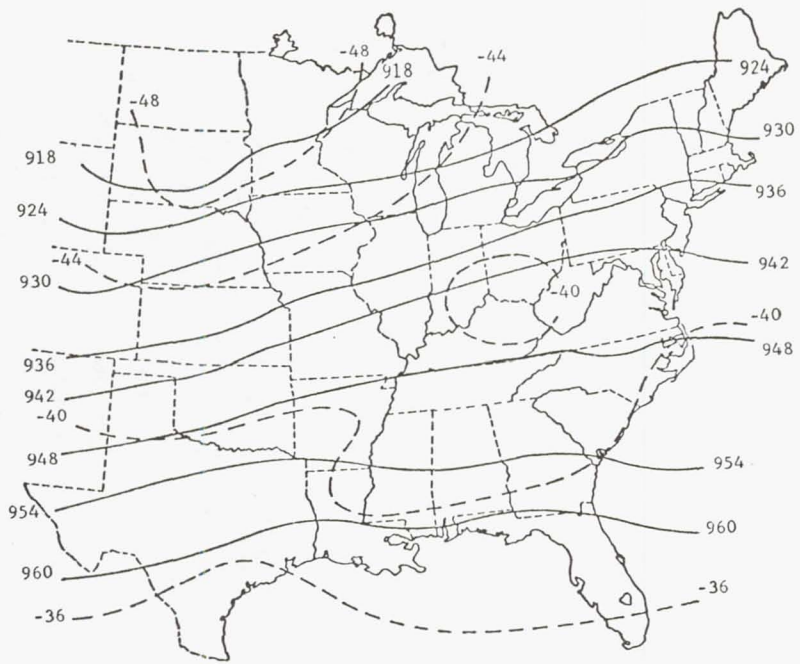


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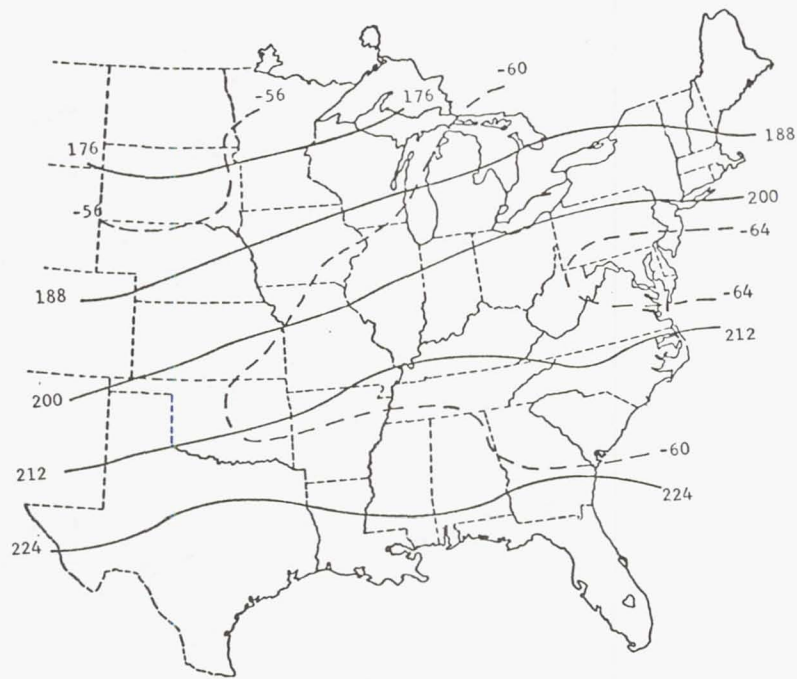


400 mb

Figure 7. (Continued).

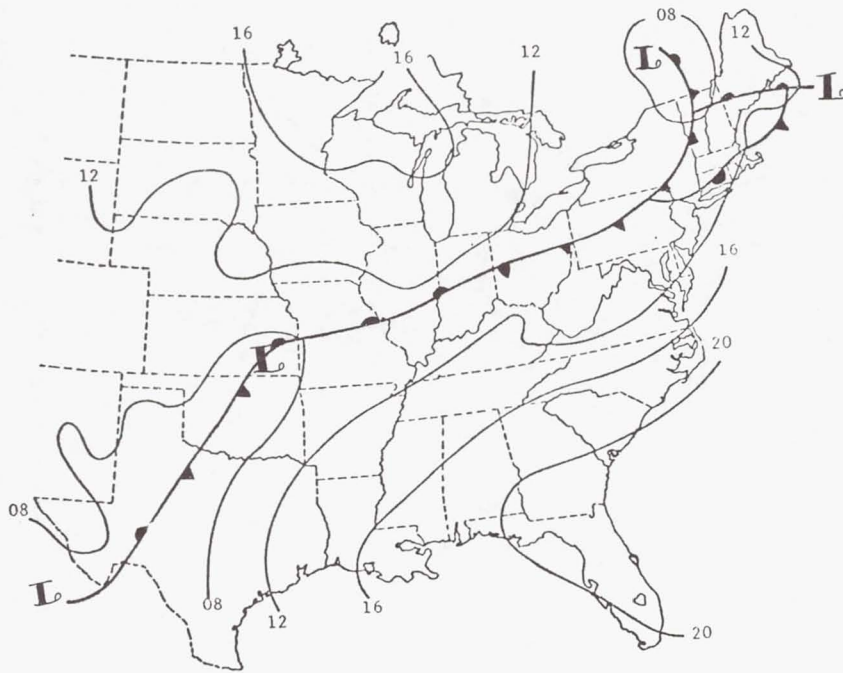


300 mb



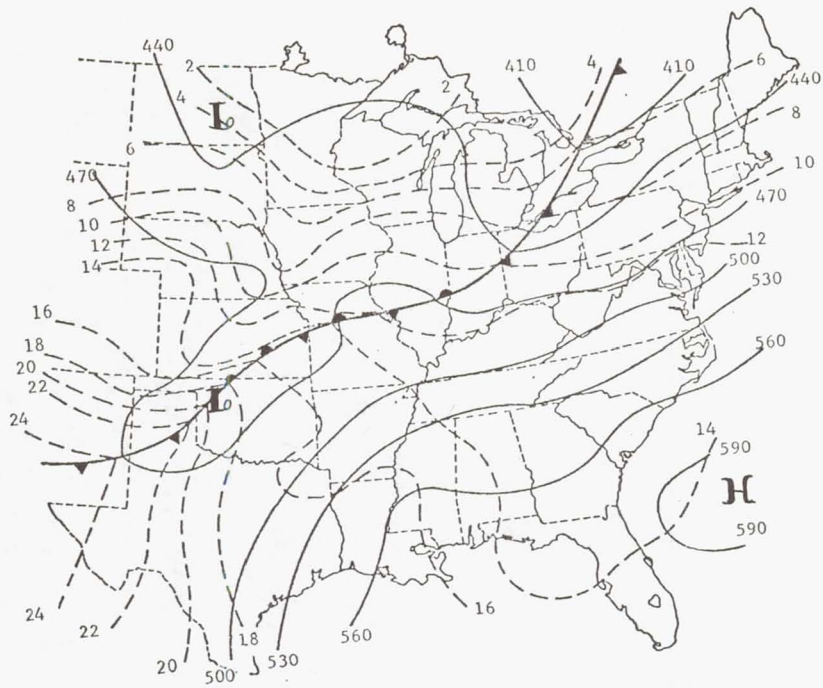
200 mb

Figure 7. (Concluded).

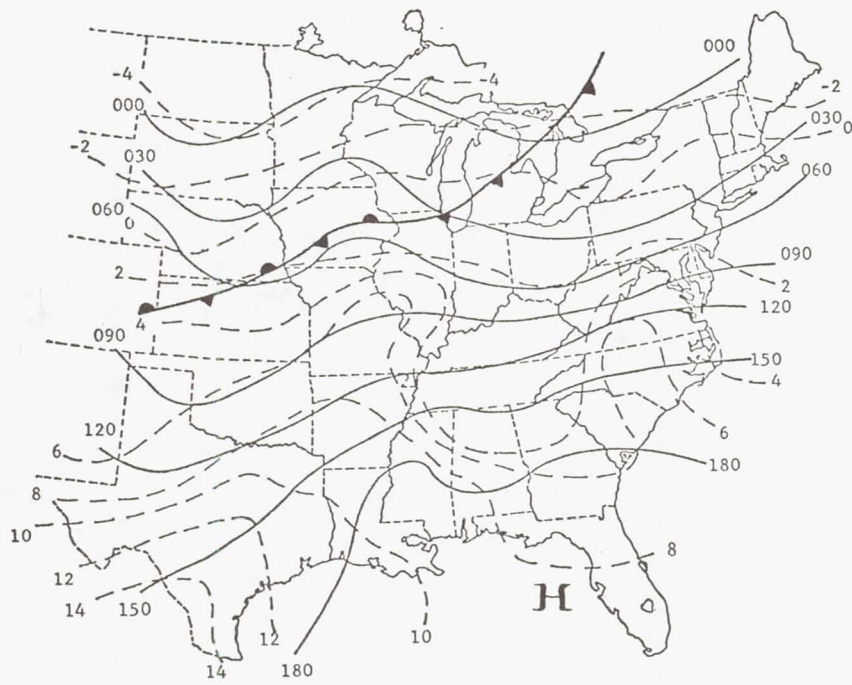


Surface

Figure 8. Synoptic charts for 2100 GMT, 24 April 1975.

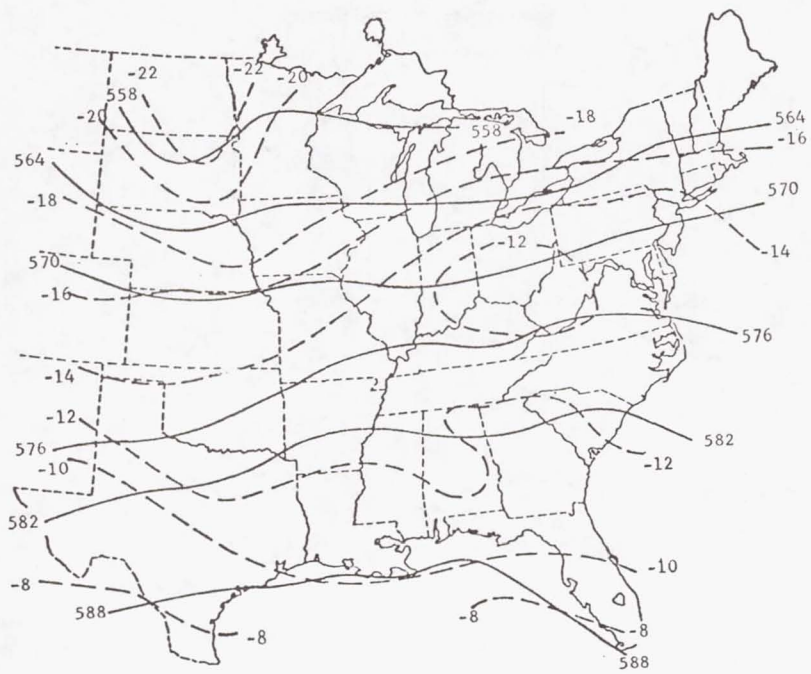


850 mb

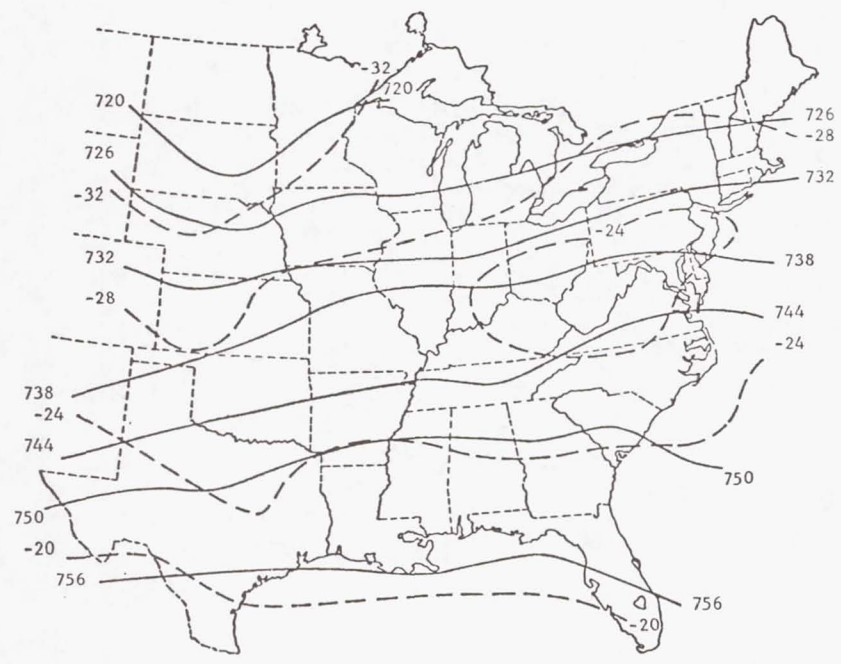


700 mb

Figure 8. (Continued).

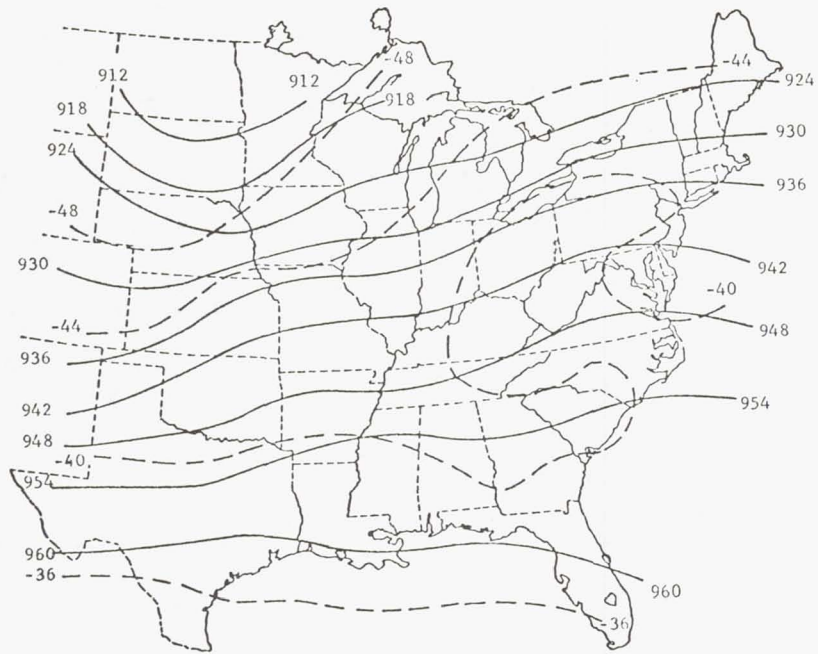


500 mb

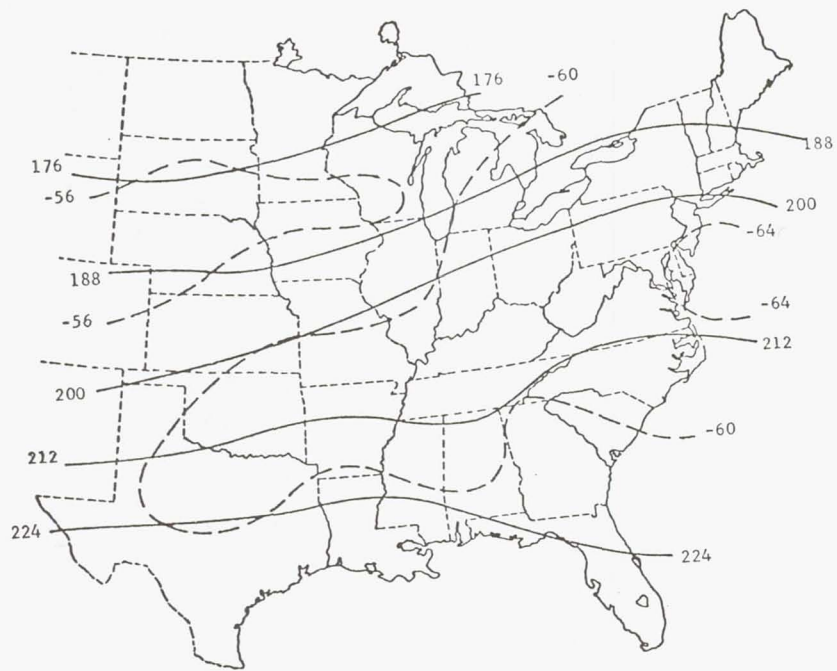


400 mb

Figure 8. (Continued).

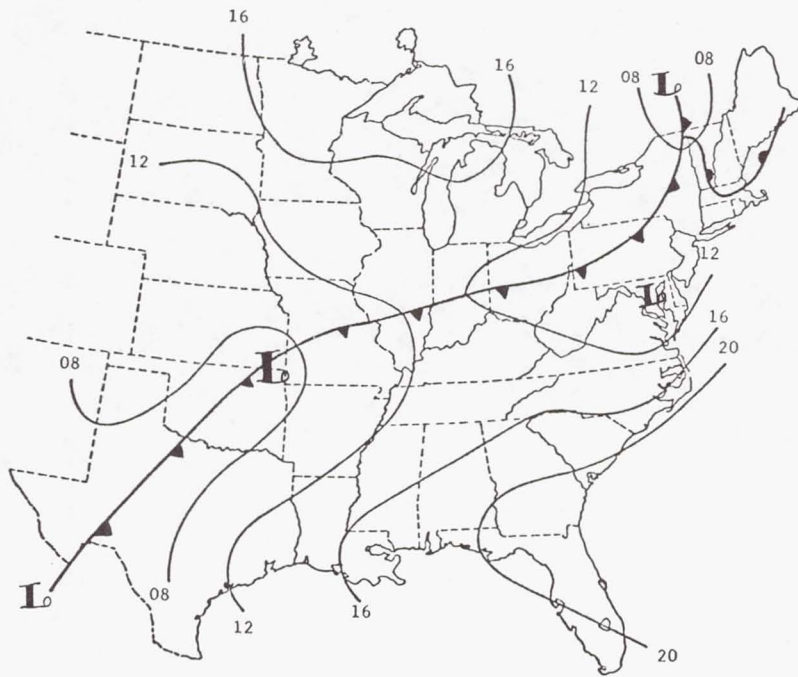


300 mb



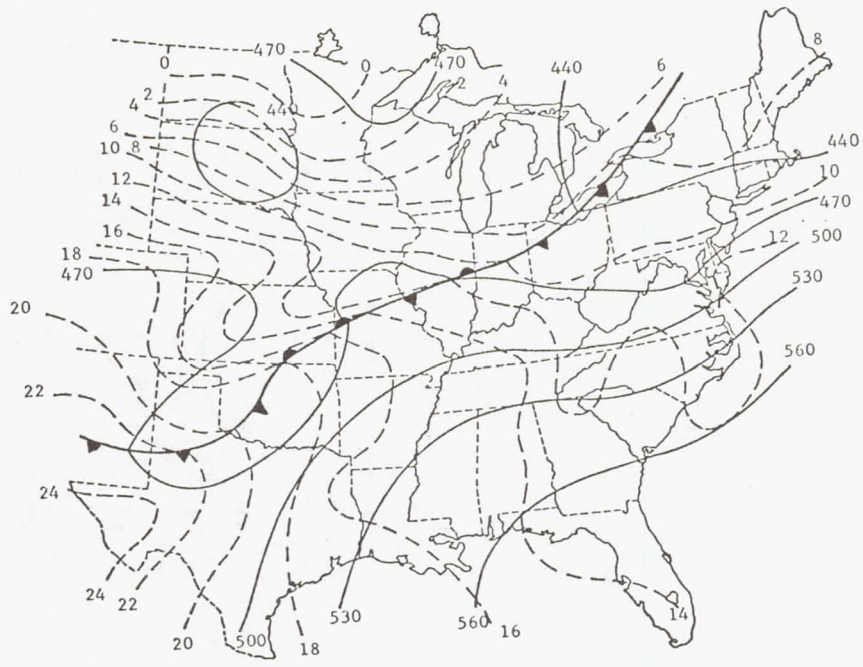
200 mb

Figure 8. (Concluded).

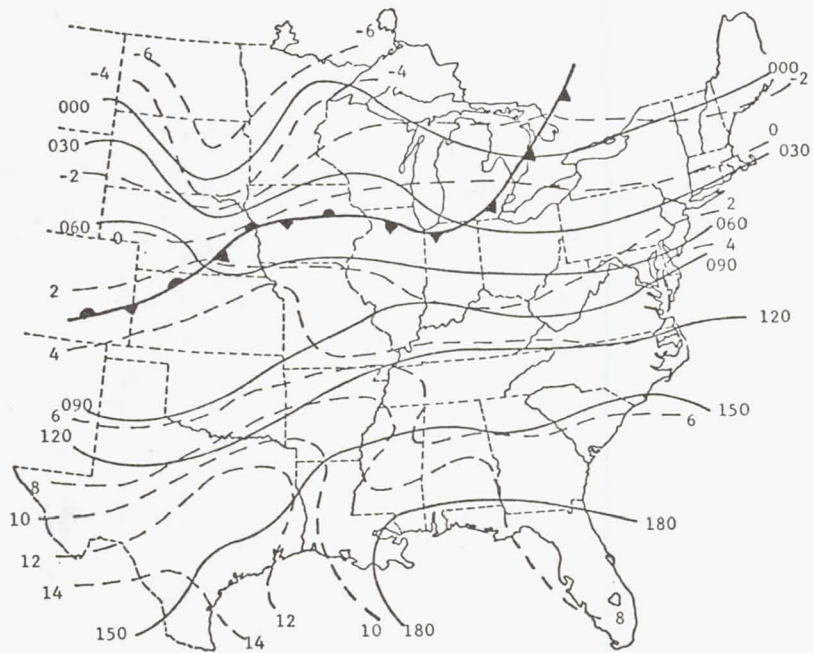


Surface

Figure 9. Synoptic charts for 0000 GMT, 25 April 1975.

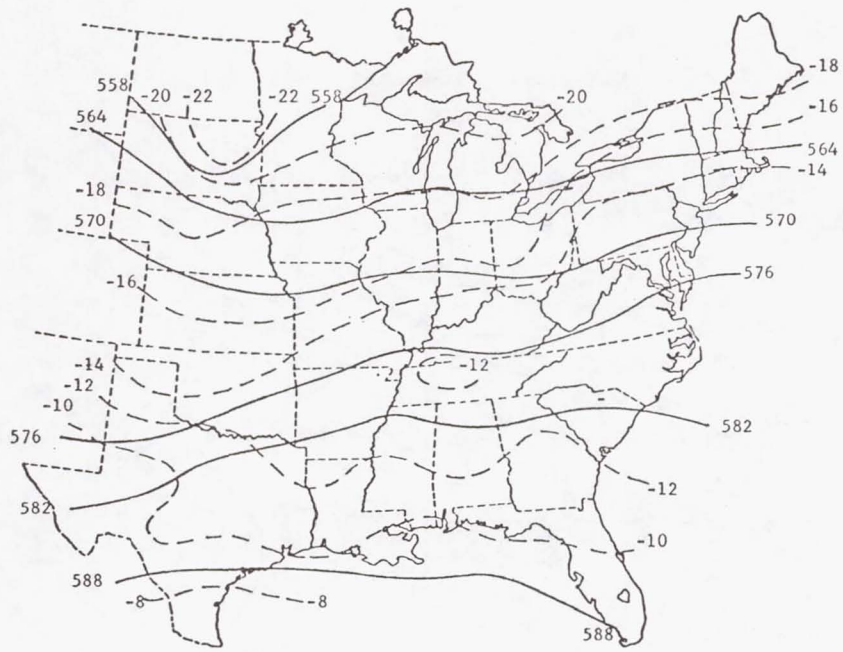


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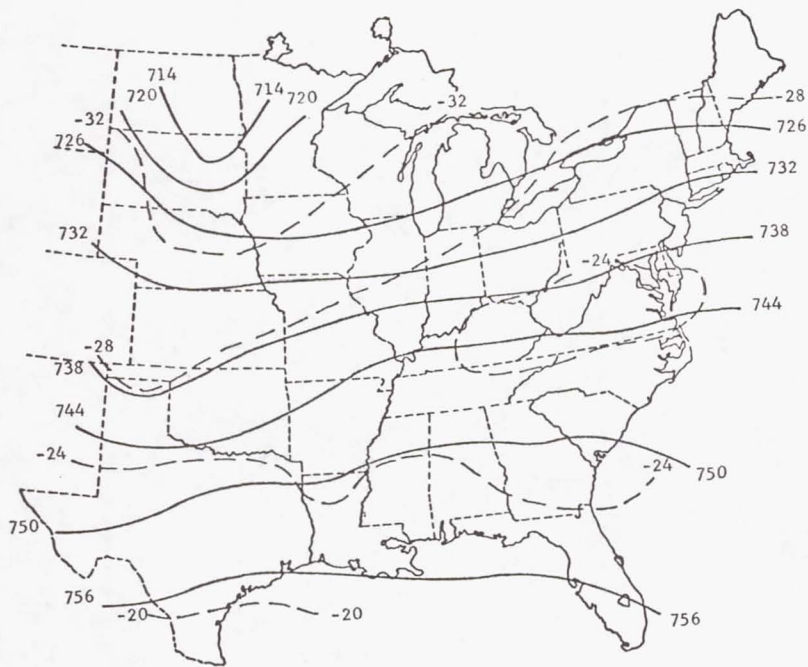


700 mb

Figure 9. (Continued).



500 mb



400 mb

Figure 9. (Continued).

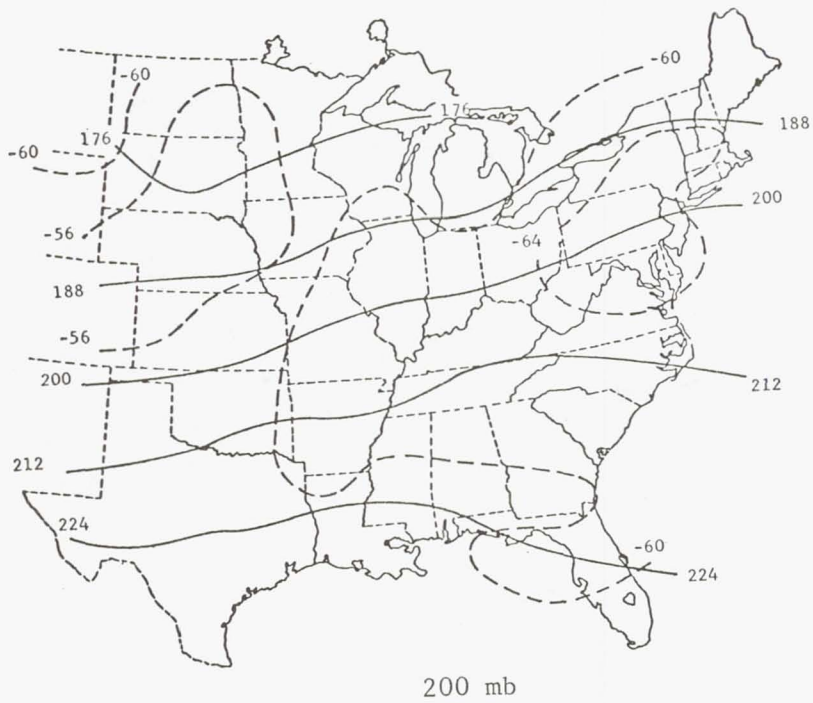
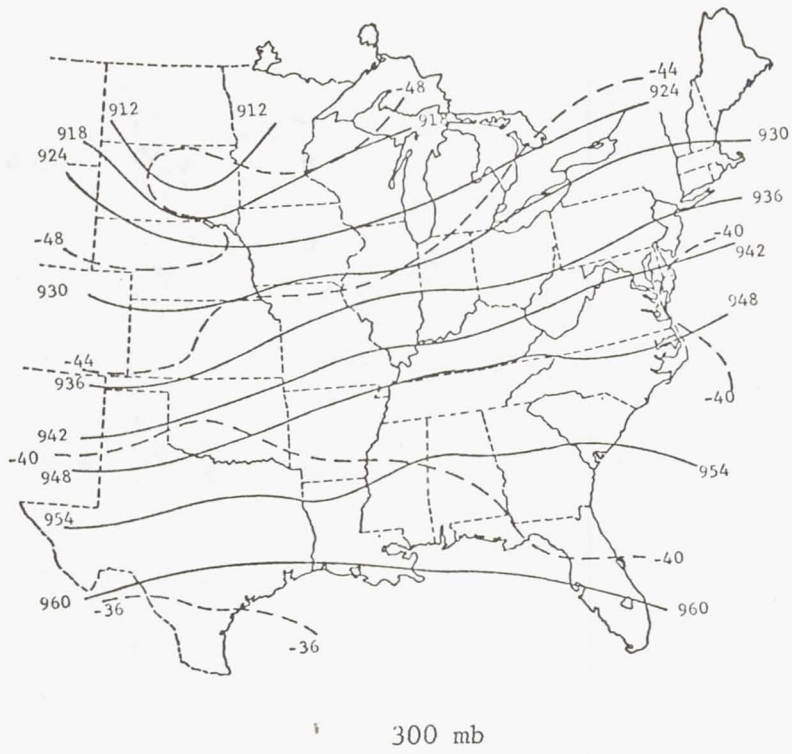
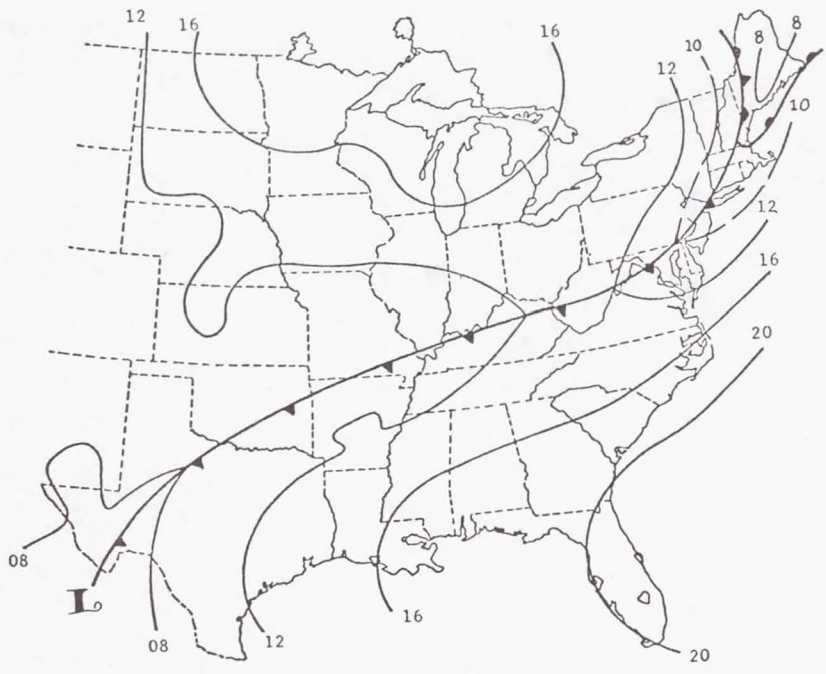
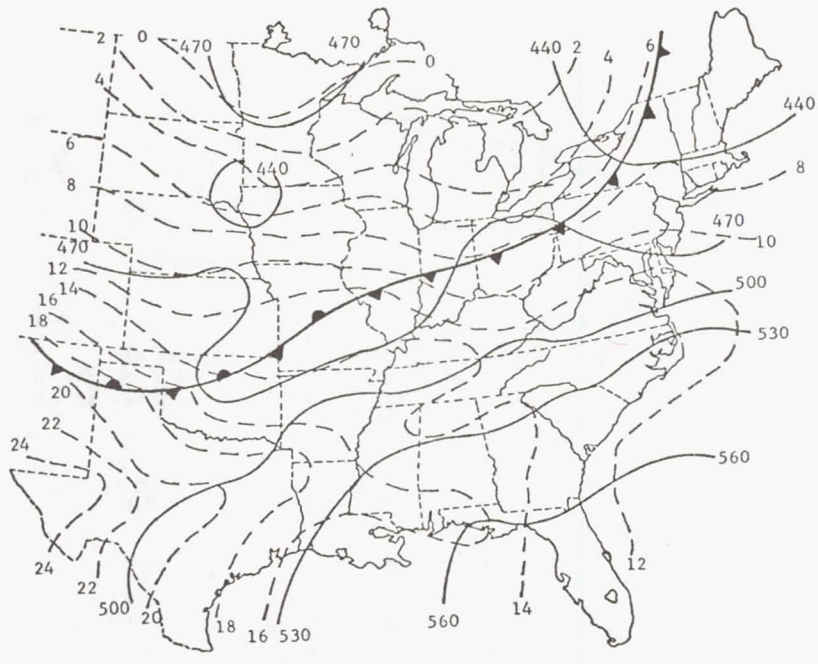


Figure 9. (Concluded).

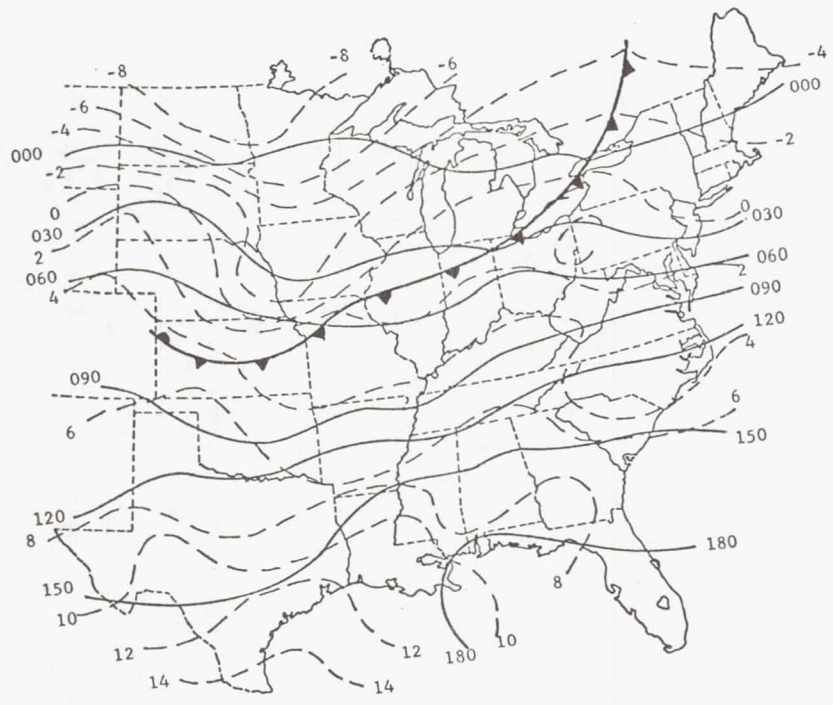


Surface

Figure 10. Synoptic charts for 0600 GMT, 25 April 1975.

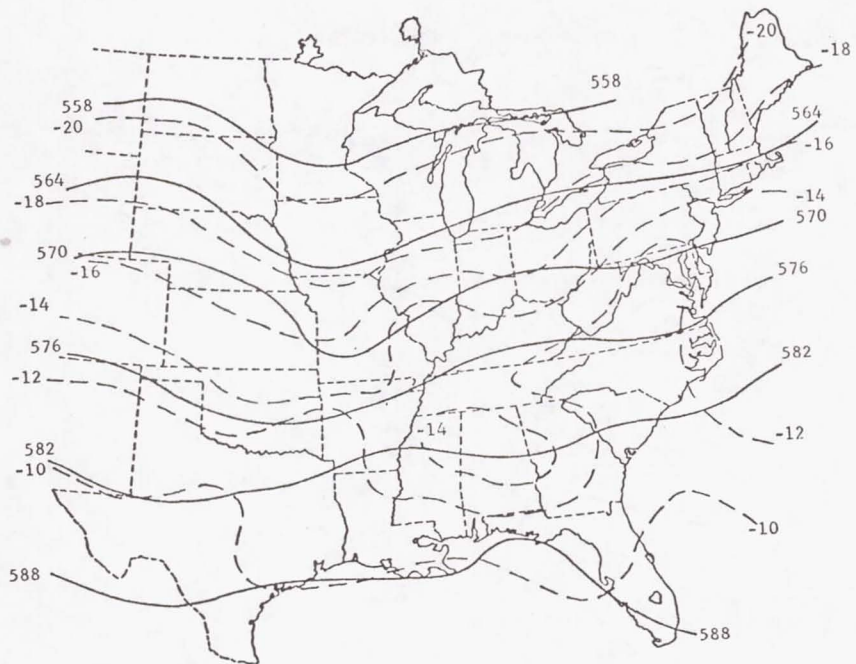


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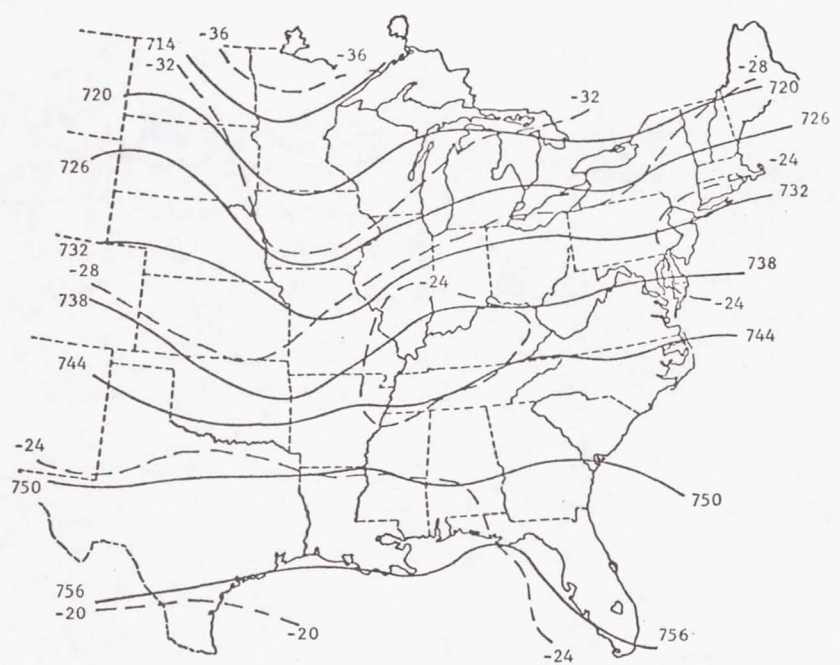


700 mb

Figure 10. (Continued).

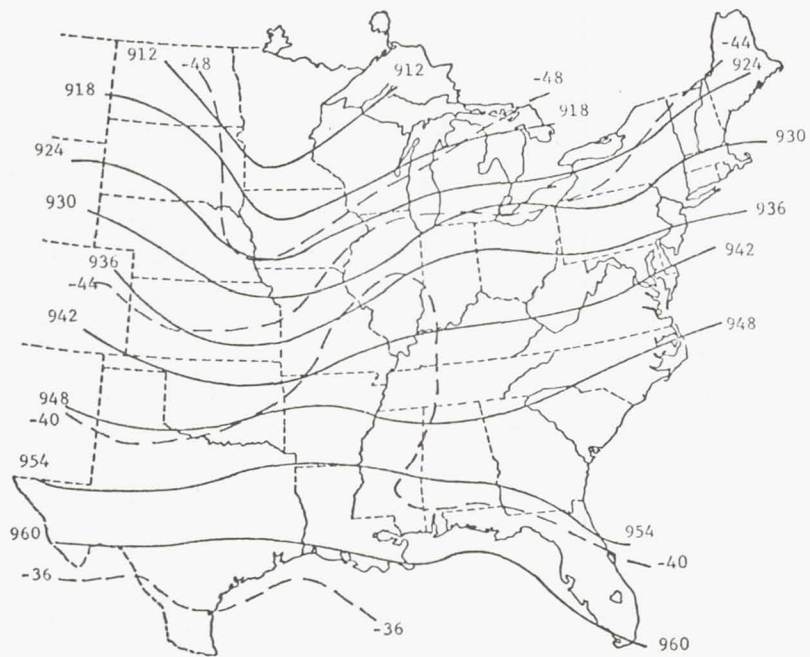


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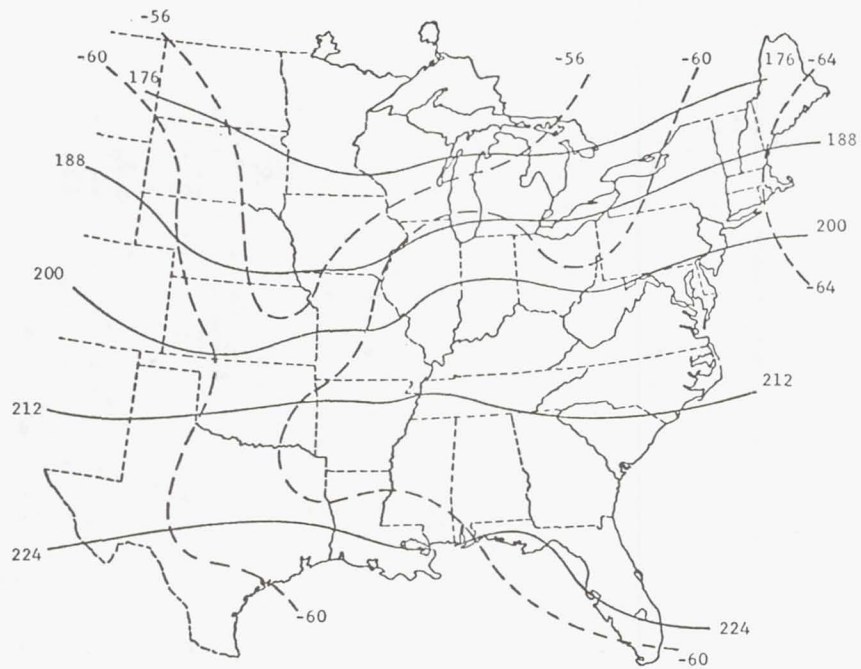


400 mb

Figure 10. (Continued).

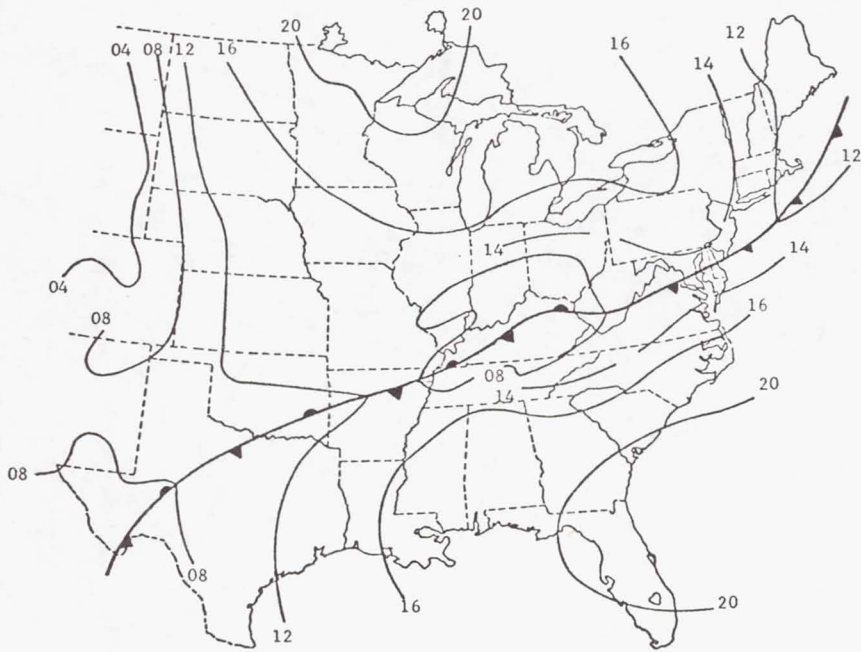


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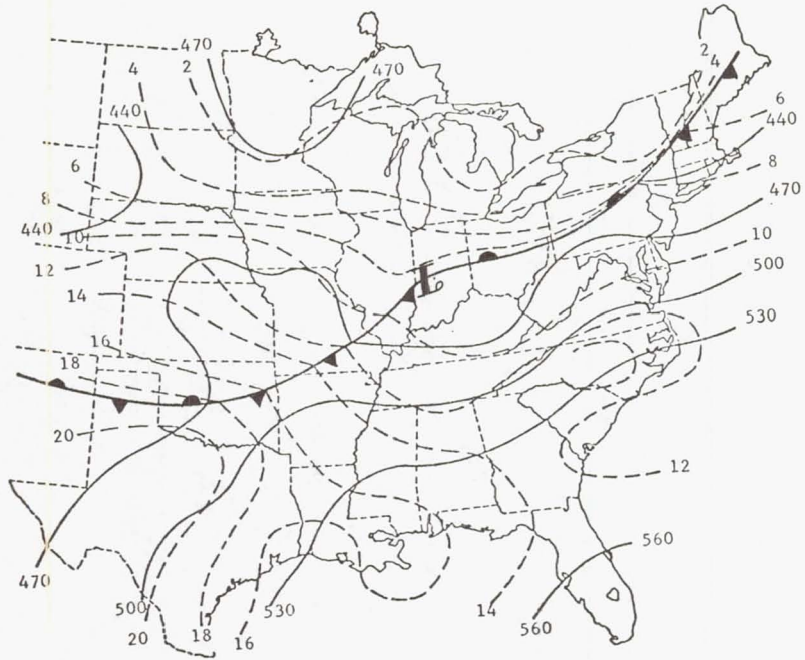
200 mb

Figure 10. (Concluded).

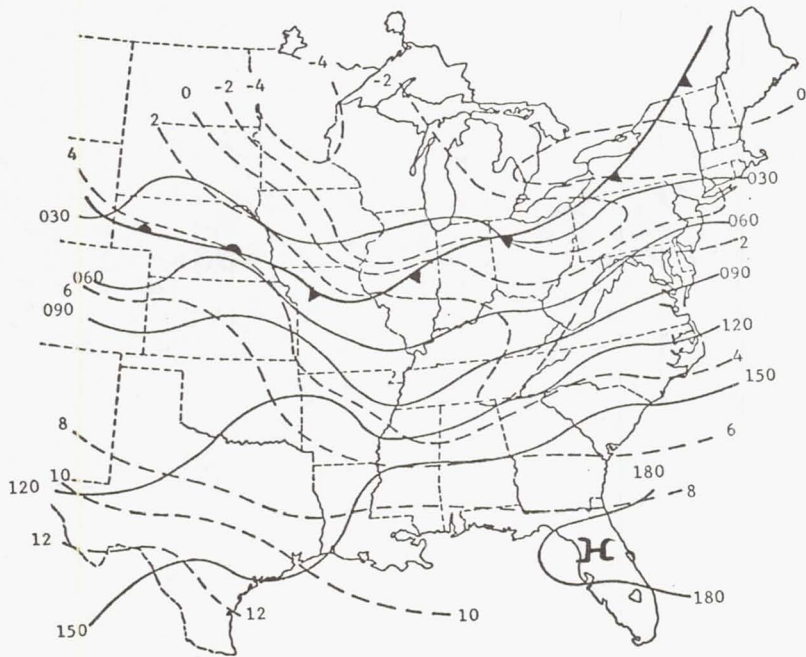


Surface

Figure 11. Synoptic charts for 1200 GMT, 25 April 1975.

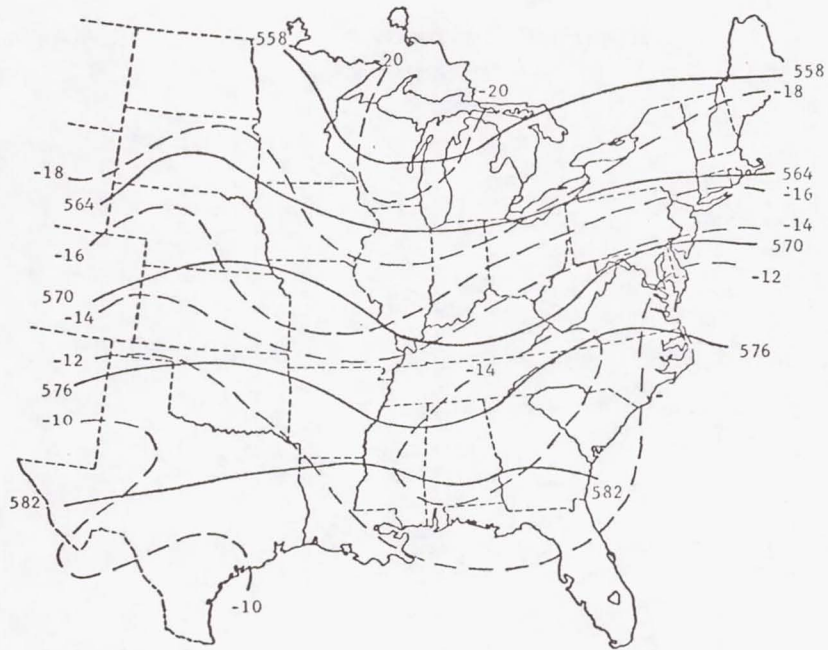


850 mb

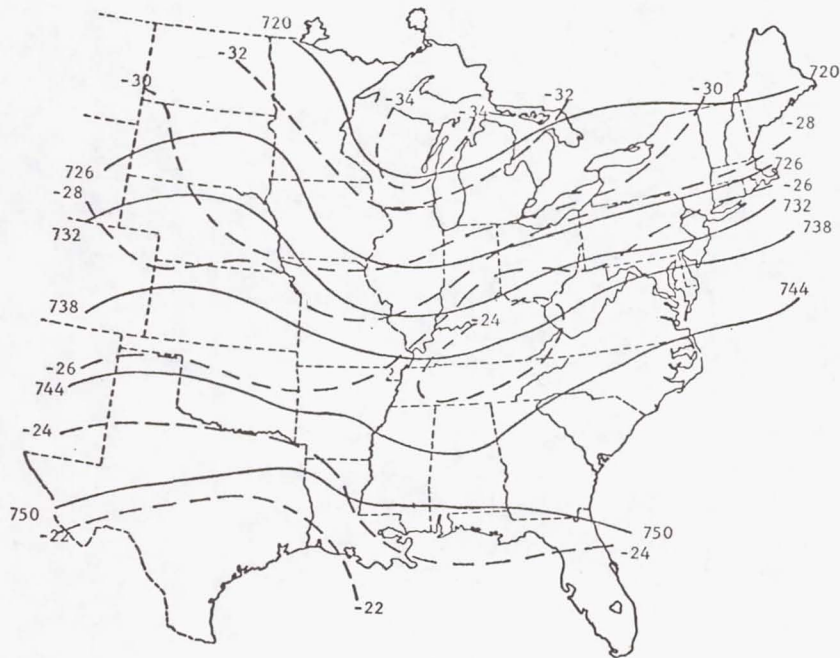


700 mb

Figure 11. (Continued).

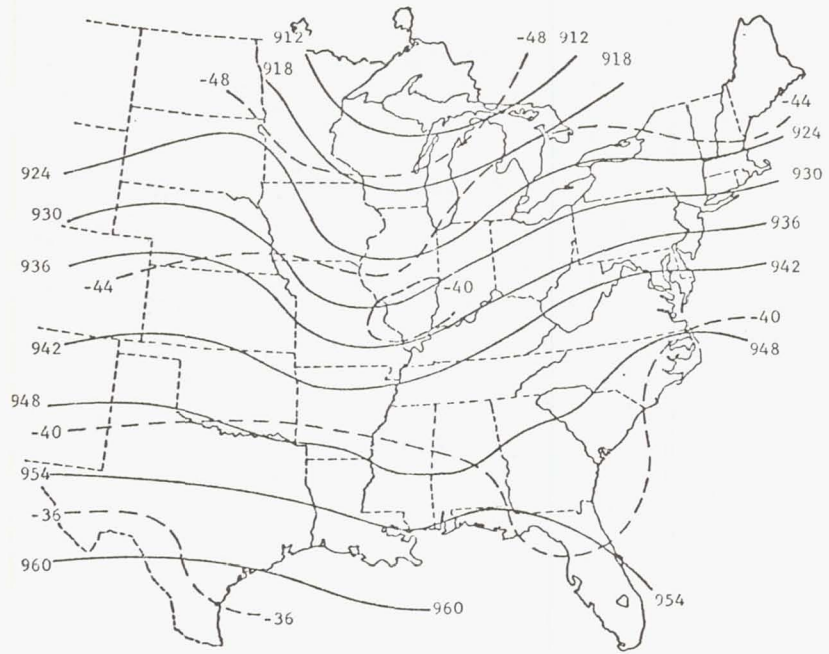


500 mb

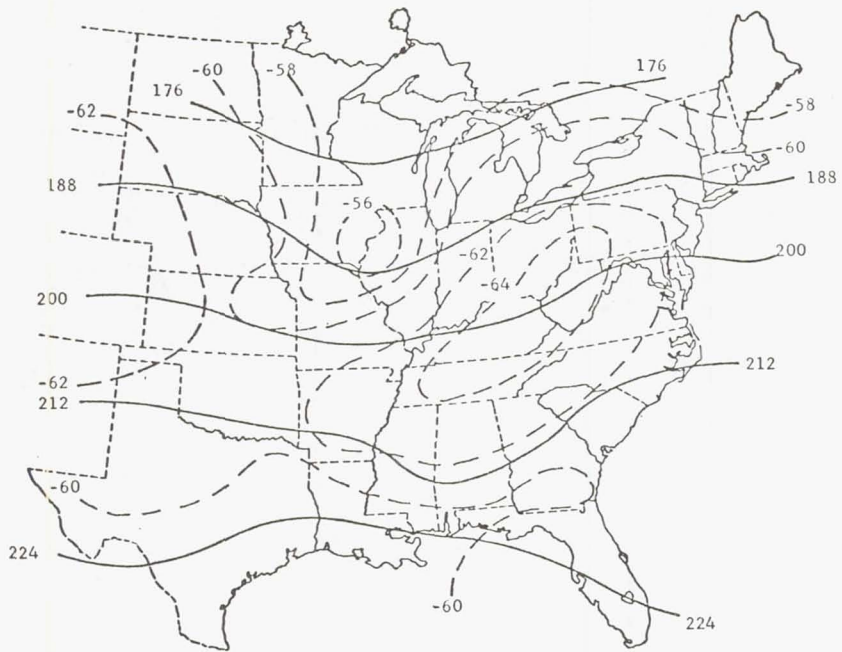


400 mb

Figure 11. (Continued).



300 mb



200 mb

Figure 11. (Concluded).

REFERENCES

1. Scoggins, J. R. and Smith, O. E.: Data for the First NASA Atmospheric Variability Experiment (AVE I), Part I: Data Tabulation. NASA Technical Memorandum TM X-2938. Marshall Space Flight Center, Alabama, 1973.
2. Scoggins, J. R.: Data for the First NASA Atmospheric Variability Experiment (AVE I), Part II: Graphical Presentation of Data. NASA Technical Memorandum TM X-2948. Marshall Space Flight Center, Alabama, 1973.
3. Scoggins, J. R.; Fuelberg, H. E.; Carlson, R. D.; Phelps, R. W.; and Bellue, D. G.: A Compilation of Studies from the Atmospheric Variability Experiment (AVE). NASA Contract Report CR-2304. National Aeronautics and Space Administration, Washington, D.C., 1973.
4. Fuelberg, H. E.: Reduction and Error Analysis of the AVE II Pilot Experiment Data. NASA Contractor Report CR-120496. Marshall Space Flight Center, Alabama, 1974.
5. Scoggins, J. R. and Turner, R. E.: Data for NASA's AVE II Pilot Experiment, Part I: 25 mb Sounding Data and Synoptic Charts. NASA Technical Memorandum TM X-64877. Marshall Space Flight Center, Alabama, 1974.
6. Fuelberg, H. E. and Turner, R. E.: Pressure Contact Data for NASA's Atmospheric Variability Experiment (AVE II). NASA Technical Note TN D-7914. National Aeronautics and Space Administration, Washington, D.C., 1975.
7. Fuelberg, H. E. and Turner, R. E.: Data for NASA's AVE III Experiment: 25 mb Sounding Data and Synoptic Charts. NASA Technical Memorandum TM X-64938. Marshall Space Flight Center, Alabama, 1975.

APPENDIX A
SOUNDING DATA

These data are presented on microfiche as follows:

	Page
24 April 1975, 0000 GMT	52
24 April 1975, 0600 GMT	92
24 April 1975, 1200 GMT	134
24 April 1975, 1500 GMT	176
24 April 1975, 1800 GMT	217
24 April 1975, 2100 GMT	258
25 April 1975, 0000 GMT	300
25 April 1975, 0600 GMT	342
25 April 1975, 1200 GMT	382

**DATA FOR NASA'S AVE IV EXPERIMENT:
25-MB SOUNDING DATA AND SYNOPTIC CHARTS**

By Nancy F. Fucik and Robert E. Turner

STATION NO. 208
CHARLESTON, SC

23 APRIL 1975
2315 GMT

155 18. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	13.0	1024.0	21.1	12.8	190.0	5.2	0.9	5.1	293.5	317.4	9.1	59.0	0.0	0.
0.6	6.0	218.3	1000.0	20.2	12.4	183.0	6.7	0.3	6.6	294.5	318.6	9.1	61.0	0.3	4.
1.4	8.0	436.2	975.0	18.2	12.0	182.4	7.8	0.3	7.8	294.7	318.7	9.1	66.9	0.6	4.
2.0	10.2	658.2	950.0	15.8	11.8	178.4	8.2	-0.2	8.2	294.4	318.7	9.2	77.4	0.9	3.
2.8	12.2	884.4	925.0	13.8	12.2	182.9	8.2	0.4	8.1	294.7	320.4	9.7	90.0	1.3	2.
3.5	14.3	1115.3	900.0	11.8	11.4	191.1	10.1	1.9	9.9	294.9	319.9	9.5	97.0	1.7	3.
4.3	16.3	1351.1	875.0	10.4	9.8	195.6	10.4	2.8	10.0	295.7	319.0	8.8	96.2	2.2	5.
5.0	18.5	1592.1	850.0	8.3	6.8	197.6	9.8	3.0	9.3	295.8	315.5	7.3	90.6	2.6	7.
5.8	20.7	1839.4	825.0	8.9	-7.9	198.4	9.8	3.1	9.3	298.4	307.1	3.1	35.4	3.1	9.
6.6	23.0	2093.0	800.0	7.3	-12.3	201.8	9.5	3.5	8.8	299.2	304.7	1.9	23.2	3.5	10.
7.5	25.4	2353.5	775.0	5.4	-8.8	209.2	7.8	3.8	6.8	299.9	307.3	2.5	35.2	4.0	12.
8.3	27.6	2621.0	750.0	4.9	-15.8	226.0	6.1	4.4	4.2	302.1	306.9	1.6	21.9	4.3	14.
9.2	30.2	2896.6	725.0	3.7	-19.7	248.0	5.8	5.4	2.2	303.6	307.1	1.1	16.1	4.5	16.
10.1	32.8	3180.2	700.0	1.5	-16.0	255.7	6.2	6.0	1.5	304.3	309.1	1.6	25.9	4.7	20.
10.9	35.3	3472.4	675.0	0.3	-20.4	259.1	6.6	6.5	1.2	306.2	309.7	1.1	19.4	4.9	23.
11.9	37.8	3774.3	650.0	-0.7	-28.5	276.3	6.4	6.4	-0.7	308.2	310.1	0.6	10.1	5.1	27.
12.9	40.5	4087.0	625.0	-1.6	-32.2	297.3	7.1	6.3	-3.2	310.6	312.0	0.4	7.5	5.1	31.
13.9	43.1	4410.8	600.0	-2.8	-31.8	298.5	8.9	7.8	-4.2	312.9	314.4	0.4	8.5	5.2	37.
15.0	46.1	4747.1	575.0	-4.4	-32.6	308.3	10.6	8.3	-6.6	314.9	316.4	0.4	8.8	5.3	43.
16.1	49.1	5096.0	550.0	-6.3	-26.5	310.3	11.7	8.9	-7.5	316.6	319.3	0.8	18.4	5.3	52.
17.2	52.0	5458.4	525.0	-8.6	-22.1	309.5	11.4	8.8	-7.2	318.2	322.2	1.2	32.6	5.6	59.
18.4	55.0	5834.6	500.0	-11.8	-19.3	311.0	12.2	9.2	-8.0	318.8	324.2	1.7	53.4	5.9	67.
19.6	58.1	6225.9	475.0	-14.2	-22.5	297.1	13.0	11.6	-5.9	320.6	324.9	1.3	49.0	6.4	74.
21.0	61.5	6634.4	450.0	-16.4	-22.6	289.8	14.7	13.9	-5.0	322.7	327.3	1.4	58.8	7.3	79.
22.4	65.0	7061.9	425.0	-19.8	-26.2	294.4	17.0	15.5	-7.0	323.7	327.2	1.1	56.6	8.5	84.
23.9	68.4	7505.4	400.0	-23.3	-29.3	297.0	16.8	15.0	-7.6	324.8	327.7	0.8	57.7	9.9	89.
25.5	71.7	7979.0	375.0	-26.3	-35.2	293.8	15.7	14.4	-6.3	326.8	328.6	0.5	42.7	11.2	92.
27.1	75.5	8473.8	350.0	-30.6	-35.3	297.4	18.0	16.0	-8.3	327.4	329.3	0.5	63.2	12.8	95.
28.8	79.5	8956.3	325.0	-34.5	-40.6	294.8	19.4	17.6	-8.1	329.1	330.3	0.3	53.4	14.6	98.
30.6	83.6	9551.1	300.0	-38.9	-43.2	296.6	20.2	18.1	-9.1	330.5	331.5	0.3	63.2	16.7	100.
32.6	87.8	10141.8	275.0	-43.8	99.9	295.4	22.9	20.7	-9.8	331.8	999.9	99.9	999.9	19.1	102.
34.9	92.6	10773.3	250.0	-50.0	99.9	299.7	25.3	22.0	-12.5	331.8	999.9	99.9	999.9	22.2	105.
37.3	97.5	11451.9	225.0	-56.6	99.9	304.0	26.0	21.6	-14.6	331.8	999.9	99.9	999.9	25.9	107.
39.7	102.8	12187.4	200.0	-62.6	99.9	310.7	28.7	21.7	-18.7	333.6	999.9	99.9	999.9	29.6	110.
43.1	108.8	13006.2	175.0	-63.5	99.9	301.8	32.3	27.4	-17.0	345.2	999.9	99.9	999.9	36.1	113.
47.1	115.0	13959.4	150.0	-60.5	99.9	305.1	33.9	27.7	-19.5	365.8	999.9	99.9	999.9	44.0	115.
52.1	122.0	15055.9	125.0	-61.8	99.9	310.5	23.7	18.0	-15.4	383.1	999.9	99.9	999.9	53.5	117.
58.0	130.0	16443.6	100.0	-71.3	99.9	292.2	25.1	23.3	-9.5	390.1	999.9	99.9	999.9	60.9	117.
65.5	138.0	18148.2	75.0	-70.1	99.9	8.2	8.0	-1.1	-7.9	425.5	999.9	99.9	999.9	69.4	119.
76.5	146.3	20615.9	50.0	-63.0	99.9	266.1	3.0	3.0	0.2	495.1	999.9	99.9	999.9	72.7	121.
94.1	155.3	25013.8	25.0	-53.6	99.9	320.4	9.2	5.9	-7.1	630.9	999.9	99.9	999.9	78.5	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. 211
TAMPA, FLA

23 APRIL 1975
2315 GMT

166 16. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	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	8.0	1020.4	27.0	13.4	90.0	7.7	-7.7	0.0	299.7	325.3	9.5	43.0	0.0	0.
0.6	6.1	186.3	1000.0	26.0	11.5	117.1	1.9	-1.7	0.9	300.3	323.5	8.6	40.4	0.6	273.
1.4	8.4	408.4	975.0	23.7	11.2	99.5	10.4	-10.2	1.7	300.2	323.7	8.6	45.5	0.9	275.
2.4	10.5	634.6	950.0	21.2	10.8	103.5	10.6	-10.3	2.5	299.9	323.2	8.6	51.4	1.6	278.
3.4	12.8	864.7	925.0	19.0	10.2	111.0	11.5	-10.8	4.1	299.8	323.0	8.5	57.0	2.2	280.
4.5	15.2	1099.5	900.0	16.7	10.0	118.8	10.1	-8.9	4.9	299.9	323.2	8.6	64.5	2.9	284.
5.5	17.3	1339.0	875.0	14.5	9.3	124.7	10.4	-8.5	5.5	300.0	322.9	8.4	70.9	3.5	287.
6.6	19.8	1583.4	850.0	12.2	8.6	140.8	7.6	-4.8	5.9	300.0	322.6	8.3	78.9	4.0	291.
7.6	22.1	1833.4	825.0	10.2	7.9	153.6	7.4	-3.3	6.6	300.5	322.7	8.2	85.6	4.4	294.
8.5	24.6	2089.3	800.0	8.4	7.3	171.0	6.5	-1.0	6.4	301.1	323.2	8.1	93.0	4.7	297.
9.5	27.0	2351.6	775.0	6.9	5.7	205.9	5.0	2.2	4.5	302.2	322.8	7.5	92.5	4.8	301.
10.6	29.6	2621.0	750.0	5.6	-0.6	247.8	3.9	3.6	1.5	303.3	317.3	4.9	64.7	4.7	305.
11.6	32.3	2898.9	725.0	6.3	-19.7	312.6	3.3	2.5	-2.3	306.5	310.0	1.1	13.4	4.6	306.
12.8	35.1	3195.5	700.0	4.8	-20.0	335.8	5.5	2.3	-5.0	307.9	311.4	1.1	14.6	4.3	305.
13.9	37.7	3482.4	675.0	6.1	-20.9	335.7	8.0	3.3	-7.3	312.6	316.0	1.1	12.3	3.9	301.
14.9	40.4	3790.3	650.0	3.9	-18.5	340.3	7.7	2.6	-7.3	313.5	317.9	1.4	17.6	3.5	296.
16.2	43.3	4107.2	625.0	1.3	-17.8	343.8	5.8	1.6	-5.6	314.1	318.9	1.5	22.4	3.2	299.
17.4	46.3	4434.4	600.0	-0.4	-21.5	312.3	6.0	4.5	-4.1	315.8	319.5	1.1	18.4	2.9	283.
18.8	49.4	4773.4	575.0	-2.4	-18.3	295.8	6.9	6.2	-3.0	317.4	322.5	1.6	28.5	2.3	280.
20.1	52.3	5125.7	550.0	-3.3	-29.3	289.9	7.4	6.9	-2.5	320.2	322.3	0.6	11.3	1.8	275.
21.4	55.4	5492.2	525.0	-5.4	-28.4	286.0	9.2	8.8	-2.5	322.0	324.4	0.7	14.2	1.2	269.
22.7	58.7	5873.2	500.0	-8.1	-31.2	284.8	8.8	8.5	-2.2	323.2	325.2	0.6	13.6	0.5	246.
24.2	62.1	6269.9	475.0	-10.4	-28.7	291.5	7.4	6.9	-2.7	325.1	327.7	0.7	20.6	0.5	163.
25.5	65.6	6683.5	450.0	-14.1	-29.5	289.0	7.2	6.8	-2.4	325.6	328.1	0.7	25.5	1.0	130.
27.1	69.3	7114.0	425.0	-18.1	-31.1	306.7	6.9	5.6	-4.2	325.8	328.1	0.7	30.7	1.6	123.
28.7	72.9	7564.3	400.0	-21.1	-32.2	314.6	9.4	6.7	-6.6	327.6	329.8	0.6	36.0	2.3	127.
30.6	76.9	8038.1	375.0	-24.0	-42.8	314.5	14.4	10.3	-10.1	329.8	330.6	0.2	15.6	3.7	130.
32.6	80.9	8537.9	350.0	-27.9	-37.6	309.5	17.0	13.1	-10.8	331.1	332.6	0.4	38.9	5.6	130.
34.5	85.1	9065.5	325.0	-32.3	-41.4	319.0	17.4	11.4	-13.1	332.1	333.3	0.3	39.6	7.6	131.
36.5	89.5	9625.2	300.0	-36.9	-46.9	328.7	16.0	8.3	-13.7	333.3	334.0	0.2	34.0	9.6	134.
38.8	94.4	10220.5	275.0	-42.0	99.9	324.3	20.3	11.8	-16.4	334.5	999.9	99.9	999.9	11.8	137.
41.0	99.3	10857.8	250.0	-47.8	99.9	317.6	21.9	14.7	-16.2	335.1	999.9	99.9	999.9	14.9	137.
43.6	104.5	11544.0	225.0	-53.6	99.9	323.4	28.0	16.7	-22.5	336.3	999.9	99.9	999.9	18.6	138.
46.8	110.4	12291.3	200.0	-59.6	99.9	330.5	31.4	15.5	-27.4	338.5	999.9	99.9	999.9	24.5	141.
50.5	116.5	13122.2	175.0	-61.6	99.9	327.2	22.3	12.1	-13.8	348.3	999.9	99.9	999.9	30.8	143.
54.1	123.5	14073.8	150.0	-61.2	99.9	305.9	22.3	18.1	-13.1	364.8	999.9	99.9	999.9	35.9	142.
58.4	131.0	15198.0	125.0	-64.1	99.9	296.3	18.2	16.4	-8.1	379.0	999.9	99.9	999.9	41.1	139.
63.2	139.0	16541.1	100.0	-71.5	99.9	314.8	11.7	8.3	-8.2	389.7	999.9	99.9	999.9	45.3	137.
68.9	147.0	18222.9	75.0	-71.7	99.9	5.8	4.2	-0.4	-4.1	422.6	999.9	99.9	999.9	48.4	138.
77.2	156.0	20673.8	50.0	-62.6	99.9	359.6	6.1	0.0	-6.1	496.0	999.9	99.9	999.9	50.3	139.
91.4	165.7	25084.5	25.0	-52.5	99.9	59.1	8.1	-6.9	-4.2	634.2	999.9	99.9	999.9	50.3	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. 213
WAYCROSS, GA

23 APRIL 1975
2315 GMT

164 15. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT 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	44.0	1017.6	24.0	12.6	140.0	5.2	-3.3	4.0	296.9	321.1	9.1	49.0	0.0	0.
0.5	4.8	196.6	1000.0	23.0	12.8	999.9	99.9	99.9	99.9	297.4	322.4	9.4	52.6	999.9	999.
1.2	6.8	416.7	975.0	20.9	11.7	999.9	99.9	99.9	99.9	297.4	321.3	8.9	55.4	999.9	999.
1.9	8.9	640.6	950.0	18.4	10.5	999.9	99.9	99.9	99.9	297.0	319.7	8.5	60.0	999.9	999.
2.6	10.9	868.7	925.0	16.4	10.2	999.9	99.9	99.9	99.9	297.2	319.9	8.5	66.7	999.9	999.
3.4	13.1	1101.4	900.0	14.4	9.9	999.9	99.9	99.9	99.9	297.5	320.5	8.5	74.1	999.9	999.
4.2	15.3	1339.2	875.0	12.3	9.8	999.9	99.9	99.9	99.9	297.7	321.2	8.8	85.0	999.9	999.
5.0	17.5	1581.9	850.0	10.2	9.4	999.9	99.9	99.9	99.9	298.0	321.5	8.8	94.7	999.9	999.
5.7	19.8	1830.5	825.0	10.8	-5.5	999.9	99.9	99.9	99.9	300.4	309.6	3.2	32.2	999.9	999.
6.7	22.0	2086.2	800.0	9.1	-3.7	195.5	7.2	1.9	7.0	301.3	311.8	3.7	40.4	2.6	331.
7.7	24.5	2348.6	775.0	6.9	2.2	203.2	8.5	3.3	7.8	301.9	318.2	5.8	72.0	3.0	337.
8.6	26.8	2617.7	750.0	5.5	0.9	214.7	9.3	5.3	7.6	303.2	318.6	5.5	72.2	3.3	345.
9.6	29.3	2894.5	725.0	3.9	-1.4	222.5	9.1	6.2	6.7	304.3	318.0	4.8	68.2	3.7	351.
10.5	31.9	3178.9	700.0	2.2	-15.6	245.8	7.5	6.8	3.1	305.2	310.3	1.7	26.2	3.9	357.
11.5	34.7	3472.5	675.0	1.3	-30.0	292.2	7.9	7.3	-3.0	307.2	309.5	0.7	12.4	3.9	3.
12.4	37.1	3776.0	650.0	1.9	-48.8	312.6	9.2	6.8	-6.2	311.1	311.3	0.1	1.0	3.7	10.
13.7	40.0	4091.7	625.0	1.2	-49.2	318.9	9.9	6.5	-7.5	313.8	314.1	0.1	1.0	3.3	21.
14.9	42.6	4418.7	600.0	-1.1	-24.8	322.8	10.1	6.1	-8.1	315.0	317.8	0.9	14.5	3.0	33.
15.9	45.6	4756.6	575.0	-3.3	-24.5	325.0	10.3	5.9	-8.4	316.2	319.4	1.0	18.4	2.8	45.
17.2	48.8	5106.7	550.0	-5.4	-27.1	326.0	10.7	6.0	-8.9	317.7	320.3	0.8	16.7	2.8	61.
18.4	51.6	5470.3	525.0	-7.6	-24.8	327.7	9.8	5.2	-8.3	319.3	322.6	1.0	23.7	2.9	76.
19.5	54.9	5848.3	500.0	-9.8	-44.9	313.3	9.0	6.5	-6.2	321.1	321.6	0.1	3.8	3.2	87.
20.9	58.3	6242.6	475.0	-11.7	-51.6	296.2	10.7	9.6	-4.7	323.4	323.7	0.1	2.0	3.9	94.
22.4	61.6	6653.9	450.0	-15.4	-58.2	287.2	14.3	13.7	-4.2	323.9	324.0	0.0	1.2	5.0	97.
23.8	65.1	7082.5	425.0	-18.7	-49.2	283.8	16.8	16.3	-4.0	325.0	325.4	0.1	0.8	6.2	99.
25.3	68.7	7531.3	400.0	-22.1	-27.3	293.5	15.9	14.6	-6.3	326.3	329.7	1.0	7.8	7.9	100.
26.9	72.3	8003.1	375.0	-25.6	-26.7	302.3	15.0	12.7	-8.0	327.8	331.7	1.1	90.2	9.1	103.
28.6	76.5	8500.7	350.0	-28.7	-38.4	306.6	16.6	13.3	-9.9	330.1	331.5	0.4	38.2	10.6	107.
30.5	80.7	9026.6	325.0	-33.2	-38.4	298.9	22.2	19.4	-10.7	330.9	332.4	0.4	59.5	12.8	109.
32.2	85.0	9583.7	300.0	-37.5	-41.8	295.5	23.7	21.4	-10.2	332.5	333.6	0.3	64.0	15.0	111.
34.2	89.6	10177.6	275.0	-42.8	99.9	294.2	25.2	23.0	-10.4	333.3	999.9	99.9	999.9	18.1	112.
36.3	94.8	10812.4	250.0	-48.7	99.9	299.8	30.4	26.4	-15.1	333.7	999.9	99.9	999.9	21.4	112.
38.7	100.0	11497.0	225.0	-53.7	99.9	298.7	35.2	30.9	-16.9	336.2	999.9	99.9	999.9	25.9	114.
41.4	105.8	12243.6	200.0	-59.7	99.9	302.5	39.1	33.0	-21.0	338.2	999.9	99.9	999.9	31.6	115.
44.2	112.0	13066.6	175.0	-65.1	99.9	307.8	39.7	31.4	-24.3	342.5	999.9	99.9	999.9	38.2	117.
47.3	118.8	14018.4	150.0	-61.3	99.9	298.7	28.5	25.0	-13.7	364.5	999.9	99.9	999.9	44.0	118.
51.6	126.7	15148.2	125.0	-63.7	99.9	295.3	24.9	22.6	-10.6	379.6	999.9	99.9	999.9	51.2	117.
56.1	135.0	16500.6	100.0	-70.1	99.9	296.7	14.3	12.8	-6.4	392.4	999.9	99.9	999.9	57.1	118.
62.1	143.5	18193.6	75.0	-69.4	99.9	313.4	9.2	6.7	-6.3	427.5	999.9	99.9	999.9	60.8	118.
70.2	152.7	20669.7	50.0	-61.6	99.9	320.1	3.4	2.2	-2.6	498.5	999.9	99.9	999.9	63.5	119.
83.2	162.3	25088.0	25.0	-51.5	99.9	39.6	3.8	-2.4	-2.9	636.9	999.9	99.9	999.9	65.0	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. 220
APALACHICOLA, FLA

23 APRIL 1975
2315 GMT

157 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 CCOMP M/SEC	POT T DG K	E POT T DG K	WX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00.0	3.8	11.0	1022.2	23.4	14.1	140.0	2.1	-1.3	1.6	296.0	322.4	10.0	56.0	0.0	0.
00.7	5.6	202.5	1000.0	22.0	9.7	999.9	99.9	99.9	99.9	296.2	316.6	7.6	45.7	999.9	999.
1.5	7.8	421.7	975.0	20.5	8.8	999.9	99.9	99.9	99.9	296.8	310.5	7.3	46.8	999.9	999.
2.3	10.2	645.5	950.0	18.5	10.3	155.9	5.7	-2.3	5.2	297.1	319.4	8.3	58.8	0.8	320.
2.9	12.3	873.6	925.0	16.4	11.1	169.8	6.1	-1.1	6.0	297.3	321.5	9.1	71.0	1.0	325.
3.7	14.7	1106.4	900.0	14.3	11.0	176.2	6.1	-0.4	6.1	297.5	322.1	9.2	80.6	1.3	331.
4.6	16.9	1344.2	875.0	12.4	10.4	185.2	7.1	0.6	7.0	297.9	322.4	9.1	87.6	1.6	337.
5.3	19.3	1587.4	850.0	12.6	-15.8	185.7	7.3	0.7	7.2	299.5	303.5	1.3	12.2	1.9	342.
6.0	21.6	1837.9	825.0	13.1	-17.3	185.4	6.6	0.6	6.6	302.6	306.2	1.2	10.4	2.2	345.
6.9	24.2	2095.3	800.0	11.3	-18.5	189.5	5.8	1.0	5.8	303.3	306.8	1.1	10.6	2.5	348.
7.8	26.5	2359.6	775.0	10.5	-18.3	204.3	4.3	1.8	3.9	305.2	308.9	1.2	11.4	2.7	351.
8.7	29.1	2631.4	750.0	8.7	-13.4	224.8	2.1	1.5	1.5	306.3	311.9	1.8	19.5	2.9	353.
9.6	31.8	2910.7	725.0	6.4	-1.4	277.0	2.3	2.3	-0.3	307.1	321.0	4.8	58.3	2.9	354.
10.5	34.4	3197.9	700.0	4.6	-3.8	293.6	3.8	3.4	-1.5	308.1	320.3	4.1	54.4	2.8	358.
11.5	37.0	3493.4	675.0	2.7	-6.6	323.9	4.4	2.6	-3.5	309.1	319.4	3.5	50.4	2.7	3.
12.5	39.9	3799.1	650.0	3.4	-22.5	324.2	6.1	3.6	-5.0	312.9	316.0	1.0	12.9	2.4	6.
13.5	42.5	4116.0	625.0	1.2	-18.9	316.0	6.8	4.7	-4.9	314.0	318.3	1.4	20.5	2.2	14.
14.6	45.4	4442.7	600.0	-1.4	-16.8	325.6	6.9	3.9	-5.7	314.7	320.1	1.7	29.7	2.0	25.
15.7	48.4	4780.9	575.0	-2.7	-22.6	343.8	8.2	2.3	-7.9	316.9	320.6	1.1	20.7	1.7	36.
16.8	51.1	5131.8	550.0	-4.8	-22.0	342.7	9.6	2.9	-9.2	318.5	322.4	1.2	24.5	1.3	60.
18.1	54.3	5496.6	525.0	-6.3	-34.3	332.7	7.6	3.5	-6.7	320.8	322.2	0.4	8.7	1.5	87.
19.5	57.3	5876.2	500.0	-8.7	-39.5	313.6	9.3	6.7	-6.4	322.5	323.3	0.2	6.2	1.8	104.
20.8	60.6	6271.7	475.0	-11.5	-34.2	301.6	12.1	10.3	-6.3	323.8	325.3	0.4	13.1	2.7	111.
22.2	64.0	6683.1	450.0	-15.0	-38.1	294.5	11.8	10.8	-4.9	324.4	325.5	0.3	11.7	3.7	112.
23.8	67.1	7113.5	425.0	-17.9	-36.5	300.0	11.1	9.6	-5.6	326.1	327.5	0.4	17.7	4.8	114.
25.4	70.7	7564.1	400.0	-21.4	-31.6	300.0	10.3	8.9	-5.1	327.2	329.6	0.7	39.0	5.8	115.
27.0	74.3	8037.0	375.0	-24.5	-33.8	300.9	13.9	12.0	-7.2	329.1	331.2	0.6	42.0	6.9	115.
28.8	78.2	8535.7	350.0	-28.1	-36.3	309.7	18.6	14.3	-11.9	330.8	332.5	0.5	45.3	8.6	118.
30.7	82.0	9063.8	325.0	-32.0	-43.7	309.0	23.4	18.2	-14.7	332.5	333.4	0.2	30.1	11.1	120.
32.7	86.0	9622.8	300.0	-36.9	-46.2	310.3	24.3	18.6	-15.7	333.3	334.1	0.2	36.9	13.9	122.
34.9	90.5	10219.0	275.0	-41.7	99.9	314.7	23.4	16.7	-16.5	334.9	999.9	99.9	999.9	17.1	124.
37.4	95.2	10857.8	250.0	-47.1	99.9	317.5	25.3	17.1	-18.6	336.1	999.9	99.9	999.9	20.6	126.
40.3	100.0	11546.3	225.0	-53.0	99.9	320.1	27.6	17.7	-21.2	337.3	999.9	99.9	999.9	24.6	126.
42.9	105.0	12295.1	200.0	-59.0	99.9	329.5	16.9	8.6	-14.6	339.3	999.9	99.9	999.9	28.3	130.
46.2	110.6	13121.0	175.0	-64.3	99.9	319.4	25.1	16.3	-19.0	343.9	999.9	99.9	999.9	33.4	132.
50.0	116.5	14074.9	150.0	-60.7	99.9	310.6	21.6	16.4	-14.0	365.5	999.9	99.9	999.9	38.9	132.
54.5	123.3	15198.9	125.0	-65.4	99.9	298.0	16.1	14.2	-7.6	376.6	999.9	99.9	999.9	43.8	132.
59.8	130.5	16544.4	100.0	-71.0	99.9	307.2	17.7	14.1	-10.7	390.5	999.9	99.9	999.9	49.9	130.
66.4	138.3	18234.7	75.0	-71.8	99.9	0.3	3.4	-0.0	-3.4	422.4	999.9	99.9	999.9	53.2	131.
75.8	146.3	20695.3	50.0	-62.1	99.9	25.8	4.1	-1.8	-3.7	457.2	999.9	99.9	999.9	55.9	132.
90.4	154.7	25126.7	25.0	-51.8	99.9	49.3	6.0	-4.6	-3.9	636.3	999.9	99.9	999.9	57.1	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

STATION NO. 226
CENTERVILLE, ALA

23 APRIL 1975
2315 GMT

158 16. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	140.0	1003.4	23.8	18.2	170.0	5.2	-0.9	5.1	298.5	333.4	13.3	71.0	0.0	0.
0.1	6.0	169.6	1000.0	22.2	12.9	247.0	1.3	1.2	0.5	296.6	321.6	9.4	55.5	0.7	353.
0.9	8.3	389.7	975.0	21.3	12.1	191.9	3.6	0.7	3.5	297.8	322.4	9.2	55.8	0.7	355.
1.5	10.5	614.3	950.0	19.4	11.4	178.1	11.3	-0.4	11.3	298.1	322.2	9.0	59.6	1.0	357.
2.3	12.9	843.1	925.0	17.2	10.4	177.2	13.1	-0.6	13.1	298.0	321.1	8.6	64.2	1.7	357.
3.1	15.3	1076.6	900.0	15.2	9.2	183.0	14.6	0.8	14.6	298.2	320.3	8.2	67.5	2.4	357.
3.9	17.5	1315.0	875.0	13.6	8.1	188.0	14.7	2.0	14.5	298.9	320.0	7.8	69.1	3.1	360.
4.7	20.0	1558.9	850.0	12.6	5.6	193.5	13.2	3.1	12.9	300.2	318.8	6.7	62.2	3.7	1.
5.6	22.3	1810.6	825.0	13.3	3.6	214.7	12.9	7.4	10.6	303.5	320.4	6.0	51.5	4.4	5.
6.5	24.9	2069.4	800.0	12.8	1.9	236.3	11.8	9.8	6.6	305.5	321.2	5.5	47.5	4.9	10.
7.3	27.3	2335.1	775.0	10.6	0.5	246.1	13.2	12.0	5.3	305.9	320.6	5.1	49.7	5.3	15.
8.2	29.9	2607.2	750.0	8.3	-0.6	249.9	13.5	12.7	4.6	306.3	320.4	4.9	53.4	5.7	21.
9.1	32.7	2886.4	725.0	5.8	-2.2	253.3	12.5	12.0	3.6	306.4	319.5	4.5	56.2	6.2	26.
10.0	35.4	3172.5	700.0	3.0	-2.8	259.4	12.5	12.3	2.3	306.4	319.2	4.5	65.8	6.7	31.
10.9	38.0	3466.1	675.0	0.8	-2.9	269.0	13.5	13.5	0.2	307.1	320.4	4.6	76.4	7.1	35.
12.0	40.7	3768.5	650.0	-1.2	-6.3	279.4	16.2	15.9	-2.6	308.1	318.9	3.7	68.0	7.6	41.
13.1	43.7	4080.8	625.0	-2.0	-6.4	282.7	18.8	18.3	-4.1	310.7	321.9	3.8	71.7	8.2	48.
14.0	46.6	4405.0	600.0	-3.8	-5.6	287.0	19.1	18.2	-5.6	312.3	324.8	4.2	87.1	8.9	54.
15.1	49.6	4740.8	575.0	-4.8	-6.0	297.1	16.9	15.0	-7.7	314.8	327.6	4.2	91.4	9.7	60.
16.4	52.6	5089.9	550.0	-6.7	-10.4	304.2	15.4	12.8	-8.7	316.6	326.3	3.2	74.9	10.2	66.
17.5	55.6	5452.1	525.0	-9.0	-12.7	303.2	14.9	12.4	-8.1	317.9	326.5	2.7	74.4	10.8	71.
18.7	58.9	5828.0	500.0	-11.8	-14.1	302.7	14.5	12.2	-7.8	319.0	327.0	2.6	82.7	11.5	75.
19.9	62.3	6219.7	475.0	-14.1	-16.2	301.5	14.3	12.2	-7.5	320.8	328.0	2.3	83.8	12.2	78.
21.2	65.6	6628.5	450.0	-16.5	-19.8	295.3	15.1	13.2	-7.4	322.6	328.3	1.8	75.5	13.1	82.
22.6	69.1	7055.5	425.0	-19.9	-23.0	292.4	16.4	15.2	-6.2	323.6	328.3	1.4	76.1	14.2	85.
24.1	72.7	7502.7	400.0	-23.1	-26.2	287.6	19.1	18.3	-5.8	325.0	328.8	1.1	76.0	15.6	87.
25.6	76.5	7972.9	375.0	-26.2	-29.8	279.4	18.7	18.5	-3.0	326.9	329.8	0.9	71.9	17.3	89.
27.2	80.4	8467.8	350.0	-30.3	-33.7	274.7	17.8	17.8	-1.5	327.9	330.1	0.6	71.9	19.0	90.
29.0	84.5	9990.6	325.0	-34.3	-38.1	271.1	20.7	20.7	-0.4	329.3	330.9	0.4	68.5	21.1	90.
30.8	88.6	9545.1	300.0	-38.9	-44.3	276.7	24.4	24.3	-2.8	330.5	331.4	0.2	55.9	23.5	90.
32.7	93.2	10135.0	275.0	-44.4	99.9	286.0	29.2	28.0	-6.1	331.0	999.9	99.9	999.9	26.5	92.
35.1	98.3	10766.6	250.0	-48.8	99.9	284.5	34.6	33.5	-8.7	333.5	999.9	99.9	999.9	31.1	94.
37.6	102.8	11450.4	225.0	-53.9	99.9	282.3	39.0	38.1	-8.3	335.9	999.9	99.9	999.9	36.4	95.
40.2	108.4	12196.3	200.0	-60.3	99.9	283.0	42.2	41.2	-9.5	337.3	999.9	99.9	999.9	42.6	96.
43.2	114.3	13017.2	175.0	-63.2	99.9	286.0	39.1	37.6	-10.8	345.6	999.9	99.9	999.9	50.3	98.
46.7	120.3	13974.6	150.0	-59.1	99.9	284.6	34.1	33.0	-8.6	368.3	999.9	99.9	999.9	57.8	98.
51.0	127.3	15104.0	125.0	-65.0	99.9	279.0	23.9	23.6	-3.7	377.2	999.9	99.9	999.9	65.2	99.
56.0	135.0	16449.8	100.0	-68.7	99.9	277.8	14.6	14.6	-2.0	395.0	999.9	99.9	999.9	72.7	98.
62.3	142.3	18153.9	75.0	-69.1	99.9	277.0	10.9	10.8	-1.3	428.0	999.9	99.9	999.9	77.4	99.
71.4	150.5	20627.6	50.0	-61.1	99.9	64.7	3.8	-3.4	-1.6	499.6	999.9	99.9	999.9	79.9	100.
85.4	159.0	25058.3	25.0	-53.2	99.9	320.2	9.4	6.0	-7.2	631.6	999.9	99.9	999.9	83.3	101.

* BY SPEED MEANS ELEVATION 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

23 APRIL 1975
2315 GMT

166 28. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	1.0	1019.9	23.7	21.6	130.0	3.1	-2.4	2.0	297.4	339.4	16.2	88.0	0.0	0.
0.8	6.5	173.6	1000.0	22.0	21.2	136.1	5.5	-3.8	4.0	297.3	339.1	16.1	94.8	0.3	306.
1.8	9.0	393.9	975.0	20.7	20.0	152.6	7.4	-3.4	6.6	298.0	338.0	15.3	95.7	0.6	317.
2.7	11.3	619.0	950.0	19.3	18.5	167.7	9.0	-2.0	8.7	298.7	336.3	14.3	95.0	1.1	327.
3.6	13.8	848.9	925.0	18.2	17.1	173.3	10.2	-1.2	10.2	299.7	335.3	13.4	93.5	1.6	334.
4.5	16.1	1083.7	900.0	16.6	15.0	181.4	10.1	0.3	10.1	300.2	332.3	12.0	90.3	2.1	340.
5.6	18.7	1323.7	875.0	15.0	11.8	183.6	8.6	0.5	8.6	300.7	327.8	10.1	81.6	2.7	345.
6.5	21.1	1565.3	850.0	13.8	12.0	195.4	7.0	1.9	6.8	302.0	330.2	10.4	88.5	3.1	348.
7.5	23.3	1821.1	825.0	12.9	9.2	208.6	7.7	3.7	6.7	303.4	327.9	8.9	78.6	3.4	352.
8.3	26.4	2080.1	800.0	11.8	7.2	197.7	7.3	2.2	6.9	304.7	327.0	8.0	73.6	3.7	355.
9.1	29.2	2345.8	775.0	11.0	4.0	194.6	8.6	2.2	8.3	306.5	325.2	6.6	61.8	4.1	357.
9.9	32.0	2618.7	750.0	9.3	1.4	198.3	9.0	2.8	8.6	307.4	323.7	5.7	57.8	4.5	359.
10.9	35.0	2895.0	725.0	7.5	-4.1	199.4	9.2	3.1	8.7	308.2	319.6	3.9	43.3	5.0	1.
12.0	37.7	3187.5	700.0	6.3	-16.6	207.5	8.1	3.8	7.2	309.6	314.3	1.5	17.5	5.5	3.
13.1	40.6	3485.1	675.0	5.9	-33.8	242.7	5.6	5.0	2.6	312.2	313.5	0.4	4.2	5.9	6.
14.2	43.6	3793.1	650.0	4.8	-39.6	283.2	5.3	5.1	-1.2	314.4	315.0	0.2	2.3	6.0	9.
15.6	46.7	4111.4	625.0	2.6	-21.8	284.8	5.5	5.3	-1.4	315.5	319.0	1.1	14.6	5.9	13.
16.8	49.9	4439.9	600.0	0.2	-18.0	292.0	6.6	6.1	-2.5	316.5	321.4	1.5	24.1	5.9	18.
18.1	52.3	4779.9	575.0	-2.1	-13.4	293.5	8.6	7.9	-3.4	317.9	325.3	2.4	41.4	5.9	23.
19.3	56.0	5131.8	550.0	-4.5	-13.1	288.7	9.4	8.9	-3.0	319.1	327.0	2.5	50.7	6.0	30.
20.7	59.5	5497.3	525.0	-6.1	-18.7	284.7	8.9	8.6	-2.3	321.2	326.6	1.7	36.2	6.2	37.
22.2	63.3	5877.4	500.0	-8.5	-22.0	287.4	8.9	8.5	-2.7	322.8	327.2	1.3	32.7	6.5	43.
23.7	66.4	6272.9	475.0	-11.7	-22.8	292.5	9.5	8.8	-3.6	323.6	327.9	1.3	39.4	6.9	49.
25.2	70.3	6684.4	450.0	-15.2	-23.1	300.3	10.6	9.1	-5.3	324.2	328.6	1.3	50.7	7.3	56.
26.6	73.3	7113.8	425.0	-18.6	-25.9	289.0	9.1	8.6	-3.0	325.2	328.9	1.1	52.2	7.7	62.
28.3	78.3	7563.7	400.0	-20.2	-55.8	278.2	11.0	10.8	-1.6	328.6	328.8	0.0	2.5	8.4	66.
30.0	82.0	8039.2	375.0	-23.4	-64.9	279.9	14.9	14.6	-2.6	330.5	330.6	0.0	1.0	9.6	70.
31.7	86.3	8539.9	350.0	-27.3	-67.4	275.2	19.2	19.1	-1.7	331.9	332.0	0.0	1.0	11.1	74.
33.5	90.5	9069.2	325.0	-31.7	-58.4	274.2	22.5	22.4	-1.6	332.9	333.1	0.0	5.1	13.4	78.
35.4	95.3	9630.1	300.0	-36.4	-59.8	276.4	22.6	22.4	-2.5	333.9	334.1	0.0	6.8	15.8	80.
37.5	100.2	10226.9	275.0	-41.7	99.9	281.3	23.7	23.3	-4.7	334.6	999.9	99.9	999.9	18.6	83.
39.8	105.3	10865.8	250.0	-46.9	99.9	285.6	25.9	25.0	-7.0	336.4	999.9	99.9	999.9	22.0	86.
42.3	110.3	11555.2	225.0	-52.3	99.9	286.3	30.4	29.2	-8.5	338.3	999.9	99.9	999.9	25.9	90.
44.8	116.6	12306.7	200.0	-58.3	99.9	282.8	29.8	29.0	-6.6	340.5	999.9	99.9	999.9	30.5	92.
47.7	123.3	13134.8	175.0	-64.5	99.9	290.8	29.4	27.5	-10.4	343.5	999.9	99.9	999.9	35.6	94.
50.9	130.3	14082.7	150.0	-60.7	99.9	282.8	24.1	23.5	-5.3	365.5	999.9	99.9	999.9	40.8	95.
54.8	137.5	15207.0	125.0	-65.4	99.9	271.1	17.7	17.7	-0.3	376.6	999.9	99.9	999.9	45.7	96.
59.6	145.0	16546.0	100.0	-70.9	99.9	264.0	15.5	15.4	1.6	390.8	999.9	99.9	999.9	50.5	95.
65.3	153.0	18244.4	75.0	-69.5	99.9	307.5	8.5	6.8	-5.2	427.1	999.9	99.9	999.9	54.7	96.
73.7	161.7	20704.8	50.0	-60.8	99.9	342.8	4.7	1.4	-4.5	500.3	999.9	99.9	999.9	55.3	97.
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. 235
JACKSON, MISS

23 APRIL 1975
2315 GMT

166 21. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	100.0	1006.8	24.4	17.1	170.0	4.6	-0.8	4.5	298.7	331.3	12.3	64.0	0.0	0.
0.2	4.3	159.5	1000.0	23.8	17.0	172.0	9.9	-1.4	9.8	298.6	331.2	12.3	65.6	0.2	356.
1.1	6.7	380.9	975.0	22.5	16.4	173.1	12.5	-1.5	12.4	299.4	331.8	12.2	68.7	0.7	354.
1.9	9.0	606.7	950.0	21.0	16.0	173.3	15.9	-1.8	15.8	300.1	332.6	12.2	73.4	1.3	354.
2.8	11.1	837.1	925.0	17.9	14.6	176.6	13.5	-0.8	13.5	299.2	329.6	11.4	81.2	2.2	354.
3.8	13.4	1071.6	900.0	16.1	14.5	183.6	12.6	0.8	12.6	299.7	330.7	11.6	90.0	2.9	355.
4.7	15.6	1311.3	875.0	14.5	12.8	193.2	12.6	2.9	12.3	300.3	329.0	10.7	89.6	3.6	358.
5.7	18.0	1556.1	850.0	12.6	11.1	196.2	13.9	3.9	13.4	300.7	327.3	9.8	90.3	4.3	1.
6.7	20.4	1807.3	825.0	12.6	8.0	208.6	15.3	7.3	13.4	303.0	325.5	8.2	73.8	5.2	4.
7.8	22.7	2066.2	800.0	12.8	5.8	215.0	18.2	10.5	14.9	305.7	326.1	7.3	62.7	6.1	9.
8.8	25.2	2332.3	775.0	10.8	2.7	216.1	17.8	10.5	14.4	306.2	323.3	6.0	57.3	7.2	13.
9.8	27.6	2605.2	750.0	10.0	-6.0	218.7	16.1	10.1	12.6	307.8	317.8	3.4	32.9	8.2	16.
10.8	30.2	2886.6	725.0	9.5	-2.3	240.5	14.1	12.3	7.0	310.5	323.6	4.5	43.5	8.9	19.
11.8	33.0	3177.3	700.0	8.1	-1.7	263.7	16.3	16.2	1.8	312.0	326.2	4.8	49.9	9.4	23.
12.9	35.6	3476.7	675.0	6.0	-3.4	269.5	17.5	17.5	0.2	313.0	326.1	4.4	50.7	10.0	29.
14.2	38.4	3784.7	650.0	3.5	-4.6	282.6	14.6	14.2	-3.2	313.4	326.0	4.2	55.6	10.6	36.
15.6	41.0	4101.4	625.0	0.5	-5.0	282.9	14.8	14.4	-3.3	313.5	326.1	4.2	66.5	11.0	41.
17.1	44.1	4427.5	600.0	-2.8	-5.3	282.8	15.7	15.3	-3.5	313.4	326.3	4.3	83.0	11.8	48.
18.3	47.1	4763.9	575.0	-4.8	-5.8	279.0	16.8	16.6	-2.6	314.9	327.9	4.3	92.8	12.5	52.
19.4	50.2	5112.9	550.0	-7.0	-7.8	278.3	18.8	18.6	-2.7	316.3	328.1	3.9	93.9	13.4	55.
20.7	53.3	5474.9	525.0	-9.1	-10.1	280.6	18.5	18.2	-3.4	317.9	328.3	3.4	92.4	14.5	60.
22.0	56.4	5851.5	500.0	-11.1	-12.6	274.1	18.7	18.6	-1.3	319.8	328.9	2.9	89.1	15.6	63.
23.4	59.8	6244.1	475.0	-13.7	-15.2	272.0	20.4	20.4	-0.7	321.3	329.2	2.5	88.0	17.0	65.
24.8	63.3	6653.4	450.0	-16.4	-17.8	273.5	22.0	21.9	-1.3	322.8	329.6	2.1	89.0	18.7	68.
26.4	66.8	7081.1	425.0	-19.5	-21.8	270.1	21.9	21.9	-0.1	324.1	329.2	1.6	82.0	20.6	70.
28.2	70.6	7529.3	400.0	-22.5	-26.3	265.4	21.1	21.0	1.7	325.8	329.5	1.1	70.9	22.8	72.
30.0	74.5	7999.7	375.0	-26.2	-30.1	263.0	20.9	20.7	2.6	326.9	329.8	0.8	69.8	25.0	73.
31.8	78.7	8495.2	350.0	-30.1	-34.3	264.3	21.2	21.1	2.1	328.1	330.2	0.6	66.5	27.2	74.
33.7	82.8	9018.8	325.0	-33.8	-38.6	264.5	25.4	25.3	2.5	330.0	331.5	0.4	61.5	30.0	75.
35.7	87.2	9574.8	300.0	-38.4	-43.7	273.2	29.5	29.4	-1.6	331.1	332.1	0.3	57.4	33.0	76.
37.7	92.3	10167.6	275.0	-42.5	99.9	273.4	35.7	35.6	-2.1	333.6	999.9	99.9	99.9	36.8	78.
40.0	97.3	10803.7	250.0	-48.0	99.9	274.3	38.7	38.6	-2.9	334.7	999.9	99.9	99.9	42.0	80.
42.6	102.9	11490.2	225.0	-53.4	99.9	272.7	39.0	39.0	-1.8	336.7	999.9	99.9	99.9	47.8	82.
45.3	108.8	12238.1	200.0	-59.4	99.9	273.3	41.4	41.3	-2.4	338.8	999.9	99.9	99.9	54.6	83.
48.4	115.2	13066.7	175.0	-61.5	99.9	271.9	38.5	38.4	-1.3	348.4	999.9	99.9	99.9	62.0	85.
52.2	122.3	14023.3	150.0	-61.3	99.9	272.1	31.7	31.7	-1.2	364.4	999.9	99.9	99.9	70.3	85.
56.3	130.3	15149.2	125.0	-64.3	99.9	267.9	30.6	30.5	1.1	378.6	999.9	99.9	99.9	77.8	86.
61.2	138.7	16495.2	100.0	-69.2	99.9	259.9	22.6	22.2	4.0	394.0	999.9	99.9	99.9	85.0	86.
67.5	147.5	18206.9	75.0	-69.3	99.9	285.8	10.9	10.5	-3.0	427.5	999.9	99.9	99.9	89.6	87.
76.2	157.3	20687.6	50.0	-59.3	99.9	17.1	3.5	-1.0	-3.3	503.9	999.9	99.9	99.9	90.9	87.
90.3	167.3	25127.5	25.0	-51.6	99.9	341.8	7.4	2.3	-7.1	636.7	999.9	99.9	99.9	92.9	89.

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

STATION NO. 240
LAKE CHARLES, LA

23 APRIL 1975
2315 GMT

154 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	5.0	1015.7	24.4	20.5	160.0	8.3	-2.8	7.8	298.3	338.0	15.2	79.0	0.0	0.
0.4	4.5	141.9	1000.0	23.4	20.4	162.0	9.3	-2.9	8.8	298.6	338.7	15.3	83.2	0.3	349.
1.2	6.3	363.0	975.0	21.2	19.6	164.8	9.7	-2.5	9.3	298.5	337.6	14.9	90.7	0.7	342.
1.9	8.3	588.1	950.0	19.2	18.2	170.1	11.2	-1.9	11.1	298.5	335.3	14.0	94.1	1.1	343.
2.5	10.2	817.7	925.0	17.4	16.3	185.1	13.0	1.2	13.0	298.9	332.6	12.8	93.1	1.6	347.
3.3	12.1	1051.8	900.0	15.8	14.6	192.9	14.1	3.1	13.7	299.3	330.5	11.7	92.9	2.2	355.
4.2	14.2	1291.3	875.0	14.5	13.0	196.1	12.3	3.4	11.8	300.3	329.5	10.9	91.1	2.9	359.
5.0	16.1	1535.6	850.0	12.0	-1.4	195.2	11.3	3.0	10.9	299.2	310.8	4.1	40.1	3.5	2.
5.8	18.2	1786.8	825.0	14.1	-9.9	188.5	7.3	1.1	7.3	303.8	310.5	2.3	18.7	3.9	3.
6.6	20.4	2045.7	800.0	12.4	0.2	194.0	6.6	1.6	6.4	305.0	318.9	4.9	43.3	4.2	3.
7.5	22.5	2311.3	775.0	11.0	1.6	195.9	7.1	1.9	6.8	306.3	322.2	5.6	52.4	4.5	5.
8.5	24.7	2585.3	750.0	13.0	-42.0	201.5	8.6	3.1	8.0	310.7	311.1	0.1	1.0	5.0	6.
9.5	26.7	2870.2	725.0	13.6	-31.9	221.0	10.0	6.5	7.5	314.4	315.8	0.4	3.0	5.5	8.
10.3	29.1	3164.0	700.0	11.9	-20.1	237.1	11.7	9.8	6.4	315.7	317.9	0.6	5.2	5.9	11.
11.5	31.6	3466.4	675.0	9.0	-22.4	244.4	13.5	12.2	5.9	315.8	318.9	0.9	9.0	6.5	18.
12.6	34.1	3776.9	650.0	6.3	-22.0	248.0	13.0	12.0	4.9	316.2	319.5	1.0	11.0	7.2	23.
13.7	36.4	4096.7	625.0	3.5	-20.5	251.0	13.2	12.5	4.3	316.6	320.4	1.2	15.2	7.7	27.
14.8	39.0	4426.1	600.0	0.9	-13.5	248.3	13.3	12.3	4.9	317.4	324.5	2.2	33.1	8.4	32.
15.9	41.5	4766.6	575.0	-1.9	-14.3	237.0	12.8	10.8	7.0	318.0	325.0	2.2	38.0	9.1	35.
17.0	44.2	5118.4	550.0	-4.9	-12.4	234.9	13.2	10.8	7.6	318.6	327.1	2.7	55.6	10.0	36.
18.2	47.0	5482.2	525.0	-8.3	-11.3	242.9	13.8	12.3	6.3	318.8	328.4	3.1	78.9	10.9	38.
19.5	50.0	5859.6	500.0	-10.6	-14.4	248.6	13.8	12.8	5.0	320.4	328.3	2.5	73.5	11.9	40.
20.7	52.8	6252.7	475.0	-13.7	-18.1	260.3	13.4	13.2	2.3	321.2	327.4	1.9	69.0	12.7	43.
22.1	55.7	6662.1	450.0	-16.2	-18.7	268.5	14.9	14.9	0.4	323.0	329.3	1.9	80.8	13.6	46.
23.6	58.8	7090.0	425.0	-19.5	-21.1	276.4	17.3	17.2	-1.9	324.2	329.7	1.7	87.0	14.5	50.
25.0	62.1	7538.1	400.0	-22.6	-29.9	273.4	21.6	21.6	-1.3	325.7	328.4	0.8	51.2	15.8	55.
26.5	65.4	8009.3	375.0	-25.8	-34.7	271.6	22.2	22.2	-0.6	327.5	329.3	0.5	42.5	17.5	59.
28.2	69.0	8505.9	350.0	-28.8	-34.4	277.0	23.5	23.3	-2.9	329.9	331.9	0.6	58.2	19.1	63.
29.9	72.5	9032.9	325.0	-32.0	-44.5	272.4	26.7	26.7	-1.1	332.6	333.4	0.2	28.1	21.4	66.
31.6	76.5	9593.3	300.0	-36.3	-51.1	268.3	29.3	29.2	0.9	334.1	334.5	0.1	19.9	24.3	69.
33.5	80.6	10190.8	275.0	-41.4	99.9	268.6	30.7	30.7	0.8	335.2	999.9	99.9	99.9	27.5	71.
35.6	85.0	10830.5	250.0	-46.4	99.9	269.0	32.9	32.9	0.6	337.1	999.9	99.9	99.9	31.3	74.
37.7	89.5	11522.8	225.0	-51.4	99.9	264.9	32.3	32.1	2.8	339.8	999.9	99.9	99.9	35.2	75.
40.0	94.8	12275.7	200.0	-58.4	99.9	263.3	30.4	30.2	3.5	340.3	999.9	99.9	99.9	39.6	76.
42.4	100.2	13104.4	175.0	-65.2	99.9	266.4	32.1	32.1	2.0	342.4	999.9	99.9	99.9	44.0	77.
45.2	106.3	14050.5	150.0	-61.0	99.9	267.8	29.8	29.8	1.2	365.0	999.9	99.9	99.9	49.0	78.
48.7	113.0	15172.2	125.0	-65.3	99.9	267.0	23.5	23.5	1.2	376.8	999.9	99.9	99.9	54.2	79.
53.0	121.3	16514.3	100.0	-70.0	99.9	251.8	19.2	18.3	6.0	392.5	999.9	99.9	99.9	59.6	79.
58.3	130.7	18223.1	75.0	-70.6	99.9	271.7	15.5	15.5	-0.4	424.9	999.9	99.9	99.9	64.3	79.
66.2	142.0	20700.8	50.0	-61.0	99.9	358.7	1.6	0.0	-1.0	499.7	999.9	99.9	99.9	65.7	79.
78.2	154.0	25136.9	25.0	-51.1	99.9	18.4	7.8	-2.5	-7.4	637.8	999.9	99.9	99.9	65.8	80.

* BY SPEED MEANS ELEVATION 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

23 APRIL 1975
2322 GMT

162 14. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	4.1	79.0	1004.7	23.9	18.3	180.0	4.6	0.0	4.6	298.5	333.6	13.3	71.0	0.0	0.
00.1	4.5	120.2	1000.0	23.8	18.3	179.6	1.9	-0.0	1.9	298.7	334.0	13.4	71.3	0.3	350.
00.9	6.4	342.1	975.0	23.3	17.8	176.1	4.0	-0.3	4.0	300.5	335.9	13.3	71.1	0.5	360.
1.6	8.5	568.7	950.0	21.4	17.0	176.7	15.4	-0.9	15.4	300.6	335.1	13.0	76.2	1.0	358.
2.6	10.6	799.7	925.0	19.3	16.0	181.5	15.0	0.4	15.0	300.7	334.0	12.5	81.1	1.9	358.
3.5	12.6	1035.3	900.0	17.4	14.5	189.0	16.3	2.6	16.1	301.0	332.2	11.6	83.1	2.7	0.
4.3	14.8	1276.0	875.0	16.1	13.5	194.2	19.0	4.7	18.5	302.0	332.2	11.2	84.7	3.6	3.
5.3	16.8	1522.7	850.0	14.7	13.2	203.3	15.7	6.2	14.4	303.1	333.8	11.4	90.9	4.6	6.
6.4	19.2	1775.3	825.0	13.1	11.7	207.0	15.8	7.2	14.0	303.9	332.7	10.6	91.1	5.5	10.
7.3	21.3	2034.7	800.0	13.1	7.4	210.3	14.4	7.3	12.4	306.2	328.9	8.1	68.3	6.4	12.
8.2	23.6	2302.1	775.0	12.6	3.2	205.4	12.2	5.2	11.0	308.2	326.1	6.3	52.6	7.1	14.
9.2	25.8	2578.3	750.0	13.7	-1.3	198.9	10.6	3.4	10.0	312.1	325.9	4.7	35.5	7.7	15.
10.4	28.3	2863.2	725.0	12.2	-1.5	209.7	11.0	5.5	9.6	313.4	327.5	4.7	38.5	8.5	15.
11.5	30.9	3156.4	700.0	10.4	-2.0	228.0	12.8	9.5	8.6	314.6	328.7	4.7	41.7	9.2	17.
12.4	33.5	3457.7	675.0	7.5	-3.2	243.4	16.4	14.7	7.4	3 4.6	328.0	4.5	46.5	9.8	20.
14.0	36.0	3767.0	650.0	3.9	-3.9	245.7	19.9	18.1	8.2	314.0	327.2	4.4	56.7	11.0	27.
15.6	38.7	4085.0	625.0	2.0	-5.1	245.3	19.4	17.6	8.1	315.3	327.9	4.2	59.2	12.7	32.
16.7	41.3	4413.5	600.0	0.2	-7.0	255.9	20.9	20.3	5.1	316.8	328.3	3.8	58.4	13.7	35.
17.9	44.2	4753.0	575.0	-3.0	-7.7	258.7	23.2	22.8	4.6	317.0	328.4	3.7	69.7	15.0	40.
19.3	47.1	5103.8	550.0	-5.3	-9.0	265.2	23.9	23.8	2.0	318.2	329.1	3.5	75.4	16.5	44.
20.5	50.1	5467.9	525.0	-8.0	-9.9	272.4	24.2	24.2	-1.0	319.2	329.8	3.4	86.2	17.9	48.
21.9	53.1	5845.3	500.0	-11.3	-12.9	274.6	22.3	22.2	-1.8	319.6	328.4	2.8	87.5	19.1	52.
23.6	56.1	6237.9	475.0	-13.3	-15.3	266.8	24.5	24.5	1.4	321.7	329.5	2.4	84.8	21.1	56.
24.7	59.4	6647.9	450.0	-16.1	-17.3	267.0	25.1	25.0	1.3	323.2	330.3	2.2	90.4	22.6	58.
25.8	63.0	7076.1	425.0	-19.1	-20.4	266.8	23.0	23.0	1.3	324.6	330.4	1.8	90.0	24.0	60.
27.2	66.3	7524.8	400.0	-22.6	-24.2	264.5	21.0	20.9	2.0	325.7	330.3	1.3	86.5	25.6	62.
28.9	70.1	7995.0	375.0	-26.6	-28.5	262.4	22.3	22.1	3.0	326.5	329.8	1.0	83.7	27.5	63.
30.7	73.9	8489.6	350.0	-31.0	-34.6	261.6	25.8	25.6	3.8	327.0	329.0	0.6	70.3	30.0	65.
33.2	78.0	9010.3	325.0	-34.9	-42.0	257.4	31.7	30.9	6.9	328.6	329.6	0.3	47.9	34.3	67.
35.1	82.2	9565.0	300.0	-38.5	-46.5	265.6	34.0	33.9	2.6	331.0	331.7	0.2	42.2	38.0	68.
37.2	86.5	10157.2	275.0	-43.2	99.9	264.8	34.5	34.4	3.1	332.7	999.9	99.9	999.9	41.9	70.
39.9	91.4	10793.0	250.0	-47.9	99.9	264.1	39.4	39.2	4.1	334.8	999.9	99.9	999.9	46.0	72.
42.5	96.3	11479.4	225.0	-52.9	99.9	261.8	40.5	40.1	5.8	337.4	999.9	99.9	999.9	53.3	73.
45.6	101.8	12228.3	200.0	-58.9	99.9	262.7	40.4	40.0	5.2	339.6	999.9	99.9	999.9	62.1	74.
48.7	108.0	13055.6	175.0	-61.6	99.9	260.9	50.0*	49.4	7.9	348.2	999.9	99.9	999.9	69.9	75.
52.2	114.7	14015.1	150.0	-60.4	99.9	261.1	28.9*	28.5	4.5	366.0	999.9	99.9	999.9	77.7	76.
56.7	122.3	15139.1	125.0	-64.2	99.9	261.4	29.6*	29.3	4.4	378.7	999.9	99.9	999.9	86.0	77.
61.9	130.8	16457.0	100.0	-67.6	99.9	262.3	28.1*	27.8	3.8	397.2	999.9	99.9	999.9	93.7	77.
68.3	140.0	18206.0	75.0	-69.3	99.9	248.3	14.9*	13.8	5.5	427.7	999.9	99.9	999.9	99.1	77.
77.5	150.0	20689.2	50.0	-59.2	99.9	269.3	13.5	13.5	0.2	504.1	999.9	99.9	999.9	102.4	77.
92.3	160.5	25126.1	25.0	-51.8	99.9	333.0	6.2	2.8	-5.5	636.1	999.9	99.9	999.9	104.3	78.

* BY SPEED MEANS ELEVATION 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

23 APRIL 1975
2315 GMT

165 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	33.0	1007.4	26.8	19.7	170.0	12.8	-2.2	12.6	301.3	339.8	14.5	65.0	0.0	0.
0.1	4.8	98.3	1000.0	26.2	19.8	171.9	13.3	-1.9	13.2	301.4	340.5	14.7	68.0	0.4	353.
0.7	6.7	321.6	975.0	24.1	18.8	167.4	14.1	-3.1	13.8	301.3	339.1	14.2	72.2	0.7	350.
1.4	8.8	548.9	950.0	22.3	16.8	164.1	17.3	-4.7	16.6	301.5	335.9	12.8	71.3	1.4	34.
2.2	10.9	780.8	925.0	21.4	12.3	180.3	20.7	0.1	20.7	302.6	329.2	9.8	55.9	2.2	349.
2.8	13.1	1018.7	900.0	21.7	8.0	180.4	22.2	0.2	22.2	304.9	325.9	7.5	41.6	3.1	353.
3.6	15.4	1263.2	875.0	21.4	5.3	179.8	19.2	-0.1	19.2	306.9	325.2	6.4	35.0	4.1	354.
4.5	17.6	1513.3	850.0	19.4	3.7	184.2	17.0	1.2	17.0	307.3	324.1	5.9	35.3	5.0	356.
5.4	20.0	1769.2	825.0	18.0	0.1	199.6	14.7	4.9	13.8	308.3	321.9	4.7	29.8	5.9	358.
6.3	22.2	2032.5	800.0	19.1	-13.3	215.8	12.8	7.5	10.4	311.7	317.1	1.7	10.0	6.4	1.
7.2	24.7	2304.3	775.0	18.3	-16.1	212.4	16.2	8.7	13.7	313.7	318.2	1.4	8.3	7.1	5.
8.2	27.0	2584.2	750.0	17.8	-18.1	209.4	16.7	8.2	14.6	316.1	320.1	1.2	7.2	8.1	6.
9.2	29.7	2872.3	725.0	15.4	-24.5	208.2	15.4	7.3	15.6	316.4	318.8	0.7	4.8	9.0	10.
10.1	32.3	3167.9	700.0	13.6	-18.2	203.8	15.0	6.1	13.8	317.7	322.0	1.3	9.3	9.7	11.
11.1	35.0	3472.6	675.0	11.6	-13.8	199.0	15.1	4.9	14.3	318.9	325.1	2.0	15.4	10.7	12.
12.2	37.7	3786.6	650.0	9.2	-11.4	201.9	14.0	5.2	13.0	319.7	327.5	2.5	22.0	11.6	13.
13.1	40.4	4109.9	625.0	6.2	-11.2	212.7	11.2	6.1	9.4	319.9	328.1	2.6	27.5	12.3	14.
14.3	43.3	4442.5	600.0	3.1	-10.0	223.4	10.8	7.4	7.9	320.1	329.5	3.0	37.6	13.0	15.
15.4	46.3	4785.7	575.0	0.2	-8.8	226.7	11.1	8.1	7.6	320.6	331.3	3.4	51.0	13.6	17.
16.5	49.4	5140.2	550.0	-2.9	-8.6	240.2	9.6	8.3	4.8	321.1	332.4	3.6	64.8	14.2	18.
17.8	52.3	5507.0	525.0	-6.1	-11.6	262.8	9.4	9.3	1.2	321.4	330.8	3.0	65.2	14.6	20.
19.1	55.4	5886.9	500.0	-8.9	-18.9	264.3	11.6	11.5	1.1	322.3	328.1	1.8	45.4	15.0	23.
20.5	58.7	6282.4	475.0	-11.4	-31.5	256.8	12.4	12.0	2.8	323.9	325.9	0.6	17.5	15.3	26.
21.9	62.1	6694.8	450.0	-14.2	-27.1	256.5	12.8	12.5	3.0	325.4	328.6	0.9	32.6	16.3	29.
23.4	65.6	7125.9	425.0	-17.6	-35.7	258.8	15.5	15.2	3.0	326.4	327.9	0.4	18.7	17.2	32.
24.9	69.3	7576.1	400.0	-21.6	-36.5	265.7	17.4	17.4	1.3	326.9	328.4	0.4	24.5	18.1	36.
26.5	73.0	8048.2	375.0	-24.8	-32.7	260.5	21.2	20.9	3.5	328.8	331.0	0.6	47.3	19.3	40.
28.1	77.0	8547.2	350.0	-27.6	-47.4	260.1	24.7	24.3	4.3	331.5	332.0	0.1	13.0	21.0	44.
29.7	80.7	9076.0	325.0	-31.7	-34.6	259.9	27.5	27.1	4.8	333.0	335.2	0.6	75.3	23.2	47.
31.9	85.1	9636.7	300.0	-36.2	-44.3	259.8	27.8	27.4	4.9	334.2	335.1	0.2	43.1	26.1	52.
34.1	89.6	10234.4	275.0	-40.9	99.9	260.1	29.6	29.2	5.1	335.9	999.9	99.9	999.9	29.6	55.
36.4	94.6	10875.5	250.0	-46.2	99.9	262.2	31.9	31.6	4.3	337.4	999.9	99.9	999.9	33.6	58.
39.0	99.6	11568.5	225.0	-51.4	99.9	260.8	32.0	31.6	5.1	339.7	999.9	99.9	999.9	38.2	61.
41.7	105.3	12322.4	200.0	-57.5	99.9	258.2	31.8	31.1	6.5	341.7	999.9	99.9	999.9	43.6	63.
44.7	111.3	13152.4	175.0	-62.7	99.9	265.2	28.8	28.7	2.4	346.5	999.9	99.9	999.9	48.7	65.
48.0	118.0	14099.4	150.0	-61.7	99.9	260.3	29.0	28.6	4.9	363.8	999.9	99.9	999.9	54.9	67.
52.1	125.8	15216.5	125.0	-66.4	99.9	259.5	26.8	26.4	4.9	374.7	999.9	99.9	999.9	61.6	68.
57.0	134.3	16550.8	100.0	-69.8	99.9	243.7	20.9	18.7	9.3	392.8	999.9	99.9	999.9	67.6	69.
62.9	143.0	18251.3	75.0	-71.9	99.9	260.8	15.7	15.5	2.5	422.2	999.9	99.9	999.9	73.3	69.
71.5	153.0	20733.4	50.0	-60.6	99.9	216.3	4.1	2.4	3.3	500.7	999.9	99.9	999.9	75.3	70.
84.3	163.5	25159.4	25.0	-50.2	99.9	47.5	3.7	-2.7	-2.5	640.5	999.9	99.9	999.9	74.1	69.

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

STATION NO. 260
STEPHENVILLE, TEX

23 APRIL 1975
2315 GMT

160 25. 1

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

TIME MIN	CN'CT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	399.0	962.6	26.3	19.9	150.0	6.2	-3.1	5.4	304.8	346.4	15.4	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.1	515.5	950.0	25.6	18.6	309.6	2.8	2.1	-1.8	305.2	344.0	14.4	65.2	0.7	333.
0.9	13.7	750.1	925.0	23.6	16.9	191.9	4.3	0.9	4.2	305.2	341.3	13.3	66.2	0.6	336.
1.7	16.3	989.4	900.0	21.8	15.6	183.7	14.5	0.9	14.5	305.6	339.8	12.5	67.9	1.1	348.
2.4	18.6	1233.9	875.0	19.9	15.0	190.2	14.2	2.5	14.0	306.2	340.1	12.4	73.3	1.7	355.
3.2	21.1	1483.7	850.0	18.0	14.7	198.8	15.1	4.9	14.3	306.7	341.0	12.5	81.0	2.4	0.
4.0	23.8	1739.3	825.0	15.7	14.4	207.2	15.6	7.1	13.8	306.9	341.5	12.7	92.4	3.1	6.
4.9	26.3	2000.6	800.0	13.7	13.1	214.1	15.5	8.7	12.9	307.3	340.3	12.0	96.5	3.9	11.
5.7	29.1	2268.4	775.0	12.3	11.4	219.4	15.1	9.6	11.7	308.5	339.1	11.0	94.6	4.6	15.
6.6	32.0	2543.3	750.0	10.4	8.8	228.4	15.8	11.8	10.5	309.2	335.9	9.5	89.5	5.2	19.
7.6	34.9	2828.2	725.0	14.1	-21.0	237.9	19.7	15.7	10.5	315.0	318.3	1.0	7.1	6.1	24.
8.5	37.6	3122.7	700.0	12.2	-28.1	241.6	20.3	17.8	9.7	316.0	317.8	0.5	4.3	7.1	30.
9.5	40.5	3425.4	675.0	10.0	-26.5	238.3	21.0	17.8	11.0	316.9	319.0	0.6	5.7	8.1	35.
10.4	43.4	3737.3	650.0	7.6	-24.5	234.5	21.2	17.3	12.3	317.6	320.3	0.8	8.1	9.3	37.
11.4	46.5	4058.4	625.0	4.8	-16.4	234.7	20.3	16.5	11.7	318.2	323.7	1.7	20.0	10.4	39.
12.5	49.8	4389.3	600.0	1.7	-11.5	235.9	21.7	18.0	12.2	318.4	326.6	2.6	36.9	11.7	41.
13.5	52.8	4731.0	575.0	-0.9	-13.2	236.4	22.2	18.5	12.3	319.2	326.8	2.4	38.5	13.0	43.
14.6	55.9	5083.7	550.0	-3.9	-22.8	236.5	22.7	18.9	12.5	319.6	323.3	1.1	21.3	14.6	44.
15.8	59.3	5448.8	525.0	-6.9	-30.4	237.8	20.8	17.6	11.1	320.2	322.2	0.6	13.7	16.1	45.
17.1	62.9	5826.6	500.0	-10.8	-23.4	239.7	21.9	18.0	11.1	320.0	323.8	1.2	34.3	17.0	46.
18.3	66.2	6218.5	475.0	-14.3	-22.4	244.7	21.4	19.3	9.2	320.4	324.7	1.3	50.1	19.2	48.
19.7	69.9	6626.0	450.0	-17.6	-28.3	250.7	25.3	23.9	8.4	321.1	323.9	0.8	38.8	20.9	49.
21.0	73.5	7052.1	425.0	-19.6	-62.4	256.2	23.3	22.6	5.6	323.7	323.8	0.0	1.0	22.8	52.
22.4	77.3	7499.4	400.0	-22.9	-64.6	253.0	25.3	24.2	7.4	325.1	325.2	0.0	1.0	24.5	53.
23.9	81.2	7969.3	375.0	-26.1	-66.6	254.4	27.0	26.0	7.3	327.0	327.1	0.0	1.0	26.9	55.
25.8	85.4	8464.8	350.0	-29.8	-69.0	256.7	27.4	26.7	6.3	328.5	328.5	0.0	1.0	29.4	57.
27.5	89.5	8989.2	325.0	-33.2	-71.3	258.7	31.8	31.2	6.2	330.8	330.8	0.0	1.0	32.4	59.
29.4	94.2	9517.3	300.0	-37.2	-59.4	256.0	39.3	36.1	9.5	332.9	333.0	0.0	7.7	36.2	61.
31.3	98.6	10143.8	275.0	-41.0	99.9	251.5	43.8	41.5	13.9	335.8	999.9	99.9	999.9	40.6	63.
33.6	103.5	10785.1	250.0	-46.0	99.9	247.9	46.2	42.8	17.4	337.7	999.9	99.9	999.9	46.6	63.
36.1	109.0	11476.7	225.0	-52.0	99.9	247.7	46.7	43.2	17.8	338.8	999.9	99.9	999.9	53.4	64.
38.9	114.8	12228.4	200.0	-58.3	99.9	247.4	38.1	35.2	14.6	340.5	999.9	99.9	999.9	60.3	64.
41.7	120.9	13057.1	175.0	-63.0	99.9	250.0	41.0	38.6	14.3	345.9	999.9	99.9	999.9	67.4	65.
45.3	127.5	14012.2	150.0	-60.0	99.9	256.6	33.5*	32.6	7.3	366.7	999.9	99.9	999.9	74.7	66.
49.1	134.8	15147.4	125.0	-60.9	99.9	253.0	34.1*	32.6	10.0	364.7	999.9	99.9	999.9	83.0	66.
53.9	142.0	16512.5	100.0	-67.2	99.9	264.4	20.1*	20.0	2.0	398.0	999.9	99.9	999.9	90.2	67.
59.8	150.3	18235.7	75.0	-67.7	99.9	186.3	4.6*	0.5	4.6	430.9	999.9	99.9	999.9	96.1	67.
67.9	159.5	20751.9	50.0	-57.4	99.9	69.1	10.3	-9.6	-3.7	508.3	999.9	99.9	999.9	99.1	67.
80.1	169.0	25211.0	25.0	-50.8	99.9	999.9	99.9	99.9	99.9	638.7	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 INTERPLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO. TEX

23 APRIL 1975
2315 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	314.0	969.8	32.6	18.4	140.0	5.7	-3.7	4.4	310.4	348.9	13.9	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	10.7	498.6	950.0	29.0	17.0	146.6	7.2	-3.9	6.0	308.4	344.3	13.0	48.5	0.3	337.
1.5	13.0	735.6	925.0	27.0	16.2	140.3	6.6	-4.2	5.1	309.7	343.6	12.6	51.6	0.7	329.
2.2	15.4	977.4	900.0	24.7	15.3	136.1	8.4	-5.8	6.0	308.6	342.6	12.3	56.2	1.0	327.
3.1	17.8	1223.8	875.0	22.2	14.1	128.3	9.1	-7.2	5.7	308.4	340.7	11.7	60.0	1.5	321.
4.1	20.3	1475.3	850.0	19.8	12.7	126.1	9.7	-7.9	5.7	308.4	338.7	10.9	63.4	2.0	317.
5.1	22.8	1732.6	825.0	19.0	7.7	132.5	6.2	-4.6	4.2	309.8	332.7	8.1	48.0	2.5	315.
6.0	25.4	1996.9	800.0	19.4	3.1	161.1	3.2	0.1	3.2	312.6	330.1	6.0	34.0	2.7	316.
6.9	27.9	2269.3	775.0	18.0	0.3	244.3	6.3	5.7	2.7	313.8	328.8	5.1	30.4	2.8	321.
8.0	30.7	2549.0	750.0	16.9	-3.2	262.7	11.0	10.9	1.4	315.5	327.7	4.0	25.1	2.5	333.
9.0	33.4	2836.9	725.0	14.9	-4.0	262.2	12.0	11.9	1.6	316.4	328.3	3.9	26.8	2.4	350.
9.9	36.0	3132.1	700.0	12.2	-5.6	256.2	11.9	11.5	2.8	316.5	327.5	3.6	28.3	2.4	6.
11.0	38.9	3435.5	675.0	9.5	-7.7	247.8	11.9	11.0	4.5	316.7	326.6	3.2	28.8	2.8	20.
11.8	41.5	3747.3	650.0	7.1	-9.3	241.4	13.3	11.7	6.4	317.4	326.5	2.9	29.9	3.3	24.
12.9	44.4	4068.4	625.0	4.7	-12.0	237.5	14.5	12.2	7.8	318.1	325.7	2.4	28.5	4.1	34.
14.1	47.5	4395.3	600.0	1.8	-14.7	238.3	16.0	13.6	8.4	318.5	325.0	2.0	28.1	5.1	39.
15.4	50.5	4740.9	575.0	-0.8	-17.0	239.2	18.0	15.5	9.2	319.2	324.8	1.8	28.1	6.4	43.
16.8	53.6	5094.1	550.0	-3.2	-19.2	238.9	18.9	16.2	9.7	320.5	325.4	1.5	27.7	7.9	46.
18.0	56.6	5460.3	525.0	-6.2	-24.0	239.0	17.2	14.7	8.8	321.1	324.6	1.0	22.8	9.2	48.
19.3	60.0	5839.4	500.0	-9.5	-26.8	241.2	16.7	14.6	8.0	321.5	324.4	0.8	22.8	10.5	49.
20.5	63.4	6233.5	475.0	-12.4	-30.8	244.3	18.1	16.3	7.8	322.7	324.8	0.6	19.7	11.7	51.
21.7	66.7	6644.1	450.0	-15.5	-29.0	246.8	20.8	19.2	8.2	323.8	326.4	0.8	30.3	13.0	52.
23.1	70.3	7072.6	425.0	-19.2	-27.3	252.2	22.7	21.7	7.0	324.5	327.7	0.9	48.3	14.9	54.
24.6	73.9	7520.3	400.0	-22.9	-32.3	256.1	23.1	22.4	5.6	325.3	327.5	0.6	41.7	16.9	57.
26.3	77.9	7990.4	375.0	-26.3	-30.5	256.1	27.5	26.7	6.6	326.8	329.6	0.8	67.4	19.2	60.
28.1	81.7	8485.8	350.0	-29.9	-38.3	253.4	28.4	27.2	8.1	328.4	329.8	0.4	44.0	22.1	62.
29.8	85.7	9009.9	325.0	-33.4	-43.4	252.2	32.0	30.5	9.8	330.6	331.5	0.2	35.0	25.2	63.
31.8	90.0	9567.4	300.0	-37.4	-48.5	256.5	33.8	32.9	7.9	332.6	333.2	0.1	29.8	29.1	65.
33.9	94.9	10162.1	275.0	-42.1	-99.9	251.9	34.3	32.6	10.6	334.3	999.9	99.9	99.9	33.2	66.
36.0	99.4	10800.0	250.0	-47.3	99.9	249.4	36.1	33.8	12.7	335.8	999.9	99.9	99.9	37.8	66.
38.4	104.4	11487.9	225.0	-53.0	99.9	252.4	40.6	38.7	12.3	337.3	999.9	99.9	99.9	43.2	67.
41.1	110.2	12236.6	200.0	-59.0	99.9	249.3	39.9	37.4	14.1	339.4	999.9	99.9	99.9	49.6	67.
43.9	115.8	13064.4	175.0	-63.9	99.9	258.2	36.3	35.5	7.4	344.5	999.9	99.9	99.9	56.1	66.
47.1	122.3	14011.5	150.0	-62.8	99.9	252.1	31.0	29.5	9.5	361.8	999.9	99.9	99.9	62.2	69.
51.0	125.7	15127.4	125.0	-66.9	99.9	249.5	30.0	28.1	10.5	373.9	999.9	99.9	99.9	70.0	69.
55.3	137.3	16468.5	100.0	-68.8	99.9	239.3	18.2	15.6	9.3	394.6	999.9	99.9	99.9	75.6	69.
60.7	145.3	18174.1	75.0	-69.4	99.9	265.5	10.0	9.9	0.8	427.4	999.9	99.9	99.9	81.7	69.
68.6	154.5	20649.1	50.0	-60.8	99.9	214.6	8.2	4.7	6.8	500.2	999.9	99.9	99.9	84.9	69.
80.6	164.3	25072.2	25.0	-53.4	99.9	165.3	2.0	-0.5	2.0	631.7	999.9	99.9	99.9	85.4	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. 265
MIDLAND, TEX

23 APRIL 1975
2315 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	873.0	908.9	31.7	-1.2	250.0	9.3	8.7	3.2	313.8	325.5	3.9	12.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	13.3	961.1	900.0	30.3	8.4	249.9	10.4	9.8	3.6	313.9	336.2	7.7	25.4	0.3	86.
0.9	15.5	1211.5	875.0	27.5	6.1	252.4	10.4	9.9	3.1	313.4	333.0	6.8	25.5	0.4	80.
1.5	17.8	1466.6	850.0	24.9	3.9	257.7	11.2	10.9	2.4	313.1	330.6	6.0	25.6	0.9	78.
2.2	20.2	1726.9	825.0	22.2	1.7	252.8	10.9	10.4	3.2	312.7	328.2	5.3	25.8	1.4	77.
3.0	22.5	1992.7	800.0	19.7	0.2	247.3	10.5	9.6	4.0	312.8	327.2	4.9	26.9	1.9	75.
3.9	25.0	2264.6	775.0	17.3	-1.7	243.3	10.0	8.9	4.5	313.0	326.0	4.4	27.2	2.4	73.
5.1	27.3	2542.6	750.0	14.0	-4.3	238.4	11.1	9.5	5.8	312.3	323.4	3.7	27.9	3.2	70.
6.3	30.0	2827.0	725.0	11.3	-6.5	237.8	13.6	11.5	7.2	312.2	322.1	3.3	28.2	4.0	67.
7.3	32.6	3119.0	700.0	9.0	-8.1	242.8	15.5	13.8	7.1	312.8	321.8	3.0	29.0	4.9	66.
8.2	35.3	3418.7	675.0	6.5	-10.4	245.4	18.2	16.5	7.6	313.3	321.2	2.6	28.5	5.8	66.
9.0	37.9	3726.8	650.0	4.4	-12.8	244.5	21.4	19.3	9.2	314.2	321.0	2.2	27.2	6.7	66.
9.7	40.6	4045.0	625.0	2.4	-15.4	243.3	24.6	22.0	11.1	315.4	321.2	1.8	25.5	7.7	66.
10.5	43.4	4374.4	600.0	1.4	-16.3	242.0	25.6	22.8	11.6	317.9	323.6	1.8	25.2	9.0	65.
11.5	46.4	4715.6	575.0	-1.1	-18.4	247.9	22.9	21.2	8.6	318.9	323.9	1.6	25.3	10.5	65.
12.7	49.5	5066.5	550.0	-3.8	-20.7	259.3	22.4	22.0	4.1	319.7	324.0	1.3	25.5	12.0	66.
14.0	52.4	5434.1	525.0	-6.2	-22.7	261.1	24.3	24.0	3.8	321.1	325.0	1.2	25.6	13.8	68.
15.5	55.6	5813.5	500.0	-9.5	-25.5	261.8	24.2	24.0	3.5	321.5	324.7	1.0	25.7	15.9	70.
17.1	58.9	6206.7	475.0	-13.5	-28.9	262.5	26.5	26.3	3.5	321.3	323.9	0.7	25.9	18.2	71.
18.5	62.1	6615.1	450.0	-16.9	-31.8	252.2	28.5	27.2	8.7	322.0	324.0	0.6	26.0	20.5	72.
19.9	65.6	7042.4	425.0	-19.7	-34.1	249.5	30.6	28.7	10.7	323.8	325.5	0.5	26.1	22.9	72.
21.5	69.1	7489.2	400.0	-23.2	-37.1	249.8	32.5	30.5	11.2	324.9	326.2	0.4	26.3	25.9	72.
23.2	72.7	7958.4	375.0	-26.8	-40.3	251.9	30.7	29.2	9.6	326.0	327.1	0.3	26.4	29.4	72.
25.1	76.7	8452.2	350.0	-30.9	-43.8	253.1	32.6	31.2	9.5	327.1	327.9	0.2	26.6	32.9	72.
26.9	80.4	8973.9	325.0	-35.0	-47.4	251.6	29.7	28.2	9.4	328.4	329.0	0.2	26.8	36.3	72.
28.8	84.7	9526.2	300.0	-40.3	99.9	250.9	29.1	27.5	9.5	328.5	999.9	99.9	999.9	39.7	72.
30.9	89.0	10113.2	275.0	-45.0	99.9	251.9	36.8	34.9	11.5	330.0	999.9	99.9	999.9	43.7	72.
33.2	94.0	10745.4	250.0	-48.5	99.9	250.1	39.1	36.7	13.3	333.9	999.9	99.9	999.9	49.0	72.
35.6	99.0	11430.2	225.0	-53.8	99.9	249.8	44.9	42.1	15.5	336.1	999.9	99.9	999.9	55.1	72.
38.3	104.3	12178.1	200.0	-58.8	99.9	250.0	43.4*	40.8	14.8	339.7	999.9	99.9	999.9	61.8	71.
41.2	110.2	13015.8	175.0	-59.7	99.9	250.1	38.7*	36.4	13.2	351.4	999.9	99.9	999.9	68.3	71.
44.6	116.7	13975.9	150.0	-60.7	99.9	246.3	34.3*	31.4	13.8	365.6	999.9	99.9	999.9	75.5	71.
48.3	124.0	15104.6	125.0	-64.4	99.9	250.5	37.5*	35.4	12.6	378.4	999.9	99.9	999.9	83.1	70.
53.0	132.3	16459.6	100.0	-65.3	99.9	263.4	30.7*	30.5	3.5	401.6	999.9	99.9	999.9	92.9	71.
58.6	141.0	18203.8	75.0	-65.4	99.9	250.7	9.8*	9.3	3.3	435.9	999.9	99.9	999.9	97.7	71.
67.3	150.5	20720.5	50.0	-55.7	99.9	242.6	4.9	4.4	2.3	512.4	999.9	99.9	999.9	101.9	71.
80.3	160.5	25184.3	25.0	-51.1	99.9	66.6	2.5	-2.3	-1.0	638.1	999.9	99.9	999.9	103.2	70.

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

STATION NO. 304
WATTERAS, NC

23 APRIL 1975
2315 GMT

156 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.6	4.0	1025.5	19.7	14.5	250.0	5.2	4.9	1.8	292.1	318.6	10.2	72.0	0.0	0.
0.8	5.8	220.2	1000.0	18.0	11.3	222.3	13.5	9.1	10.0	292.3	314.6	8.5	64.9	0.6	41.
1.6	8.0	436.6	975.0	16.2	10.4	219.3	15.1	9.5	11.7	292.6	314.1	8.2	68.3	1.2	41.
2.4	10.2	657.3	950.0	14.3	10.0	216.7	15.0	9.0	12.0	292.8	314.2	8.1	75.2	1.9	40.
3.1	12.3	882.2	925.0	12.3	10.5	217.7	15.2	9.3	12.0	293.0	315.8	8.7	89.2	2.6	39.
3.8	14.6	1111.5	900.0	10.0	9.3	216.9	15.9	9.6	12.8	292.9	314.6	8.2	95.2	3.3	39.
4.5	16.7	1345.6	875.0	7.8	6.0	217.9	14.3	8.8	11.3	292.7	310.7	6.8	88.5	3.9	38.
5.4	19.1	1583.6	850.0	5.4	-7.2	231.7	12.8	10.0	7.9	292.1	299.5	2.8	39.8	4.6	39.
6.2	21.3	1828.9	825.0	7.0	-12.4	243.4	11.5	10.3	5.1	298.3	301.5	1.8	23.5	5.2	41.
7.1	23.7	2080.9	800.0	5.1	-9.3	248.4	8.2	7.7	3.0	296.9	303.7	2.4	34.6	5.6	43.
8.0	26.0	2338.9	775.0	3.1	-7.0	262.2	7.3	7.2	1.0	297.5	305.9	2.9	47.4	6.0	45.
9.0	28.6	2604.0	750.0	1.4	-7.3	288.9	5.9	5.6	-1.9	298.5	307.0	2.9	52.0	6.3	48.
9.9	31.1	2876.2	725.0	0.1	-18.2	295.7	3.9	3.5	-1.7	299.7	303.7	1.3	25.3	6.4	51.
10.8	33.7	3157.1	700.0	-0.7	-39.0	279.3	3.2	3.2	-0.5	301.7	302.4	0.2	4.0	6.4	52.
11.9	36.2	3446.6	675.0	-1.9	-51.1	258.7	4.9	4.8	1.0	303.5	303.7	0.0	1.0	6.6	53.
12.8	38.9	3745.5	650.0	-3.1	-37.2	262.3	7.2	7.2	1.0	305.4	306.3	0.3	5.4	6.9	54.
13.7	41.5	4055.4	625.0	-4.3	-33.7	263.5	8.7	8.7	1.0	307.5	308.7	0.4	7.9	7.4	56.
14.7	44.3	4375.5	600.0	-6.7	-35.2	270.5	10.0	10.0	-0.1	308.4	309.5	0.3	8.2	7.8	58.
15.8	47.3	4706.7	575.0	-8.2	-36.2	276.6	13.4	13.3	-1.5	310.3	311.4	0.3	8.3	8.4	61.
16.9	50.2	5050.3	550.0	-10.4	-35.2	281.4	14.0	14.3	-2.9	311.7	312.9	0.3	10.9	9.2	65.
18.2	53.1	5407.0	525.0	-12.9	-37.1	279.2	14.7	14.5	-2.4	312.9	313.9	0.3	11.0	10.2	69.
19.6	56.0	5777.2	500.0	-15.2	-31.7	276.1	15.0	14.9	-1.6	314.6	316.4	0.5	22.7	11.3	71.
20.9	59.4	6163.0	475.0	-17.9	-27.5	282.3	15.7	15.3	-3.3	315.9	318.7	0.8	42.7	12.3	74.
22.3	62.7	6566.5	450.0	-19.0	-37.4	286.2	18.2	17.5	-5.1	319.4	320.6	0.3	18.0	13.5	77.
23.6	66.0	6989.3	425.0	-22.6	-31.9	293.0	17.7	16.3	-6.9	320.0	322.1	0.6	42.4	14.8	80.
24.9	69.6	7432.2	400.0	-24.9	-28.4	306.6	21.9	17.6	-13.0	322.6	325.7	0.9	72.6	15.9	83.
26.2	73.0	7898.5	375.0	-28.5	-32.6	306.6	28.0	22.5	-16.7	323.9	326.2	0.7	67.6	17.4	88.
27.7	76.8	8389.0	350.0	-32.3	-38.8	312.0	31.1	23.1	-20.8	325.2	326.5	0.4	51.9	19.5	93.
29.3	80.8	8906.6	325.0	-37.1	-42.9	313.5	30.3	22.0	-20.8	325.5	326.5	0.3	54.2	22.0	98.
31.0	85.0	9454.3	300.0	-41.8	99.9	317.2	25.9	17.6	-19.0	326.4	999.9	99.9	99.9	24.2	102.
32.9	89.2	10036.8	275.0	-47.5	99.9	314.1	25.0	18.0	-17.4	326.5	999.9	99.9	99.9	26.6	106.
34.9	94.0	10659.1	250.0	-53.2	99.9	315.2	26.9	19.0	-19.1	327.0	999.9	99.9	99.9	29.3	109.
37.0	98.8	11328.4	225.0	-59.3	99.9	315.9	28.7	20.0	-20.6	327.6	999.9	99.9	99.9	32.5	111.
39.4	104.0	12056.1	200.0	-63.7	99.9	310.6	37.3	28.3	-24.3	331.9	999.9	99.9	99.9	36.6	114.
41.9	110.0	12874.4	175.0	-63.5	99.9	316.4	32.7	22.5	-23.7	343.1	999.9	99.9	99.9	42.2	117.
44.9	116.0	13825.5	150.0	-62.0	99.9	302.5	34.9	29.4	-18.8	363.3	999.9	99.9	99.9	47.6	118.
48.7	123.3	14961.4	125.0	-60.9	99.9	311.6	40.0	29.9	-26.5	384.7	999.9	99.9	99.9	55.8	120.
52.6	130.9	16339.3	100.0	-65.5	99.9	327.4	25.2	13.6	-21.3	401.1	999.9	99.9	99.9	63.7	122.
58.1	139.3	18079.3	75.0	-65.6	99.9	356.2	7.1	0.2	-7.1	435.3	999.9	99.9	99.9	68.8	124.
65.9	147.7	20589.7	50.0	-55.3	99.9	319.5	10.1	6.5	-7.6	503.8	999.9	99.9	99.9	71.0	124.
77.9	156.3	25023.6	25.0	-52.0	99.9	353.0	1.0	0.1	-1.0	635.7	999.9	99.9	99.9	74.9	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. 311
ATHENS, GA

23 APRIL 1975
2315 GMT

149 20. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	246.0	992.9	23.3	15.6	190.0	5.7	1.0	5.6	298.6	328.7	11.3	62.0	0.0	0.
99.9	59.3	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9
0.5	8.2	404.3	975.0	21.6	12.9	178.9	8.7	-0.2	8.7	298.2	324.0	9.6	57.5	0.3	1.
1.1	10.4	629.4	950.0	19.9	12.3	184.5	9.4	0.7	9.4	298.6	324.3	9.6	61.9	0.6	1.
2.0	12.5	858.7	925.0	17.5	12.0	191.0	9.1	1.7	8.9	298.5	324.2	9.6	70.3	1.1	4.
2.9	14.8	1092.3	900.0	15.3	11.4	195.7	8.7	2.4	8.4	298.6	323.9	9.5	77.3	1.5	7.
3.7	16.9	1330.8	875.0	13.1	9.2	201.3	11.3	4.1	10.5	298.6	321.3	8.4	77.2	2.0	10.
4.6	19.3	1574.4	850.0	11.2	8.2	206.1	14.6	6.4	13.1	298.9	320.9	8.1	82.0	2.7	13.
5.4	21.5	1823.7	825.0	9.3	7.8	213.0	12.7	6.9	10.7	299.5	321.5	8.1	89.8	3.4	17.
6.5	23.9	2077.9	800.0	6.5	5.5	213.8	12.8	7.1	10.6	299.0	318.4	7.1	93.2	4.1	20.
7.4	26.1	2236.3	775.0	5.1	4.1	218.6	13.3	8.3	10.4	300.2	318.6	6.7	93.1	4.8	22.
8.3	28.7	2604.8	750.0	2.4	1.5	227.2	13.9	10.2	9.5	300.0	315.8	5.7	93.8	5.5	25.
9.1	31.2	2877.9	725.0	-0.9	-19.8	239.0	13.8	11.9	7.1	298.7	303.8	1.8	36.2	6.0	27.
9.9	33.8	3159.7	700.0	1.8	-28.8	261.2	13.7	13.6	2.1	304.5	306.2	0.5	8.6	6.7	32.
11.0	36.3	3452.4	675.0	0.1	-5.4	278.5	15.3	15.2	-2.3	306.3	317.4	3.8	66.4	7.1	39.
12.3	39.0	3753.8	650.0	-1.6	-2.2	283.6	16.1	15.6	-3.8	307.8	322.3	5.0	95.2	7.8	47.
13.5	41.6	4066.1	625.0	-2.9	-4.0	286.8	15.0	14.3	-4.3	309.7	323.1	4.6	91.9	8.4	53.
14.7	44.4	4389.1	600.0	-4.3	-6.6	286.2	15.3	14.7	-4.3	311.6	323.2	3.9	83.9	9.0	59.
15.7	47.3	4724.5	575.0	-5.5	-10.4	280.3	15.4	15.2	-2.8	313.9	323.1	3.0	68.3	9.8	63.
16.9	50.2	5071.8	550.0	-8.0	-12.3	270.1	15.1	15.1	-0.0	314.9	323.2	2.7	71.5	10.7	66.
18.1	52.1	5432.0	525.0	-10.4	-12.6	276.4	14.2	14.1	-1.6	316.2	324.8	2.8	83.6	11.7	68.
19.4	55.9	5807.9	500.0	-11.4	-14.6	283.3	13.4	13.0	-3.1	319.4	327.1	2.5	77.1	12.7	71.
20.8	59.1	6199.5	475.0	-14.1	-17.9	282.7	15.5	15.1	-3.4	320.7	327.1	2.0	72.6	13.6	73.
22.2	62.4	6608.3	450.0	-16.6	-20.4	285.8	18.5	17.8	-5.0	322.5	328.0	1.7	72.3	14.2	76.
23.6	65.8	7035.7	425.0	-19.5	-22.7	278.7	17.1	16.9	-2.6	324.0	328.8	1.4	75.7	16.2	79.
25.2	69.1	7483.8	400.0	-22.4	-25.9	274.1	18.8	18.8	-1.4	326.0	329.9	1.2	73.1	17.7	80.
26.7	72.6	7954.8	375.0	-26.3	-30.0	283.1	23.4	22.8	-5.3	326.8	329.7	0.8	70.4	19.6	82.
28.3	76.3	8450.2	350.0	-29.9	-34.0	284.3	25.2	24.4	-6.2	328.5	330.6	0.6	66.6	21.9	84.
30.0	80.1	8973.9	325.0	-34.1	-38.8	280.6	24.4	24.0	-4.5	329.6	331.1	0.4	61.7	24.2	86.
31.8	84.2	9528.4	300.0	-39.0	99.9	277.1	23.8	23.7	-3.3	330.3	999.9	99.9	999.9	26.7	87.
33.8	88.3	10118.2	275.0	-44.7	99.9	279.3	26.6	26.3	-4.3	330.5	999.9	99.9	999.9	29.7	88.
36.0	92.9	10748.1	250.0	-50.2	99.9	283.4	30.1	29.3	-7.0	331.4	999.9	99.9	999.9	33.4	90.
38.2	97.4	11427.2	225.0	-55.6	99.9	290.1	32.3	30.3	-11.1	333.3	999.9	99.9	999.9	37.5	91.
41.0	102.4	12171.1	200.0	-59.3	99.9	296.2	37.1	33.3	-16.4	338.8	999.9	99.9	999.9	43.3	95.
43.9	108.0	12997.9	175.0	-63.2	99.9	295.2	31.3	28.3	-13.3	345.7	999.9	99.9	999.9	48.7	97.
47.6	114.0	13956.3	150.0	-58.7	99.9	286.1	33.9	32.6	-9.4	369.0	999.9	99.9	999.9	56.1	99.
51.5	120.3	15096.8	125.0	-63.0	99.9	284.5	28.8	27.9	-7.2	380.9	999.9	99.9	999.9	63.5	100.
55.7	127.8	16462.4	100.0	-66.4	99.9	303.8	14.4	12.0	-8.0	399.6	999.9	99.9	999.9	69.1	101.
61.7	136.0	18168.4	75.0	-67.1	99.9	306.3	10.0	8.1	-5.9	432.2	999.9	99.9	999.9	74.5	102.
69.9	143.7	20655.2	50.0	-62.2	99.9	16.5	3.0	-0.8	-2.8	457.0	999.9	99.9	999.9	77.0	103.
84.8	152.3	25058.0	25.0	-52.8	99.9	323.9	7.3	4.3	-5.9	633.2	999.9	99.9	999.9	80.0	104.

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

66

STATION NO. 317
GREENSBORO, NC

23 APRIL 1975
2315 GMT

141 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	275.0	989.6	22.8	11.8	200.0	7.7	2.6	7.2	298.0	321.8	8.9	50.0	0.0	0.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	8.6	404.2	975.0	21.4	6.5	208.2	11.5	5.4	10.2	297.5	314.6	6.2	38.1	0.3	25.
1.2	10.8	628.3	950.0	19.5	6.2	209.5	12.9	6.4	11.3	297.8	315.0	6.3	41.9	0.8	27.
2.0	13.3	857.0	925.0	17.4	5.7	213.3	14.2	7.8	11.9	298.0	315.0	6.2	46.1	1.5	29.
2.9	15.7	1090.1	900.0	14.9	6.1	213.3	16.0	8.8	13.4	297.7	315.7	6.6	55.8	2.2	30.
3.5	18.1	1327.8	875.0	12.7	5.5	214.4	16.7	9.5	13.8	297.8	315.5	6.5	61.4	2.9	31.
4.3	20.6	1570.5	850.0	10.4	4.9	219.9	16.8	10.8	12.9	297.9	315.5	6.4	68.7	3.7	32.
5.2	23.1	1818.2	825.0	8.0	3.4	224.2	17.6	12.3	12.6	297.9	314.2	5.9	72.5	4.6	34.
6.0	25.6	2071.7	800.0	5.9	2.0	226.6	18.6	13.5	12.8	298.2	313.5	5.6	76.1	5.5	36.
7.0	28.2	2331.2	775.0	4.2	0.7	236.7	17.8	14.9	9.8	298.9	313.4	5.2	77.9	6.4	39.
7.9	30.9	2598.0	750.0	4.8	-12.0	242.8	17.9	15.9	8.2	302.1	309.3	2.1	29.6	7.3	41.
8.7	33.7	2874.3	725.0	4.1	-14.2	241.4	17.7	15.6	8.5	304.2	309.5	1.8	24.8	8.2	44.
9.5	36.3	3158.3	700.0	1.9	-15.6	237.8	17.3	14.6	9.2	304.8	309.8	1.6	25.9	9.0	45.
10.4	39.3	3450.4	675.0	-0.2	-17.9	240.9	16.8	14.7	8.2	305.5	309.8	1.4	24.8	9.9	46.
11.3	42.0	3750.9	650.0	-2.7	-21.0	249.7	17.3	16.3	6.0	306.0	309.4	1.1	22.9	10.7	48.
12.2	45.0	4060.3	625.0	-4.9	-28.8	255.8	17.9	17.4	4.4	306.9	308.7	0.6	13.3	11.7	50.
13.2	49.1	4380.1	600.0	-6.8	-36.3	264.7	17.2	17.1	1.6	308.2	309.2	0.3	7.4	12.6	52.
14.3	51.1	4711.2	575.0	-7.9	-16.9	269.2	19.0	19.0	0.3	310.9	316.5	1.8	48.9	13.6	55.
15.7	54.4	5057.5	550.0	-8.1	-8.7	281.4	23.7	23.3	-4.7	314.9	325.8	3.6	95.4	15.0	60.
16.7	57.5	5418.1	525.0	-10.2	-11.1	287.1	25.6	24.4	-7.5	316.6	326.2	3.1	92.8	16.1	63.
17.8	60.9	5792.3	500.0	-13.3	-13.6	292.6	25.1	23.2	-9.7	317.2	325.5	2.7	97.5	17.2	67.
18.9	64.5	6182.1	475.0	-15.5	-15.7	293.5	25.4	23.3	-10.1	319.0	326.5	2.4	98.7	18.4	71.
20.0	67.9	6588.9	450.0	-17.9	-18.3	293.9	24.5	22.4	-9.9	320.9	327.3	2.0	96.4	19.7	74.
21.3	71.4	7014.1	425.0	-20.9	-24.4	286.1	25.8	24.8	-7.1	322.3	326.5	1.2	72.9	21.2	77.
22.6	75.3	7459.3	400.0	-24.2	-30.6	281.0	24.5	24.1	-4.7	323.6	326.2	0.7	55.2	23.3	80.
24.0	79.5	7927.1	375.0	-27.4	-30.8	282.4	19.0	18.6	-4.1	325.4	328.1	0.8	72.4	24.8	81.
25.3	83.4	8420.5	350.0	-31.1	-35.6	276.9	21.7	21.5	-2.6	326.8	328.6	0.5	64.4	26.3	82.
26.6	87.6	8941.5	325.0	-35.5	-39.3	274.2	23.1	23.0	-1.7	327.8	329.2	0.4	67.5	28.0	83.
28.0	92.2	9493.5	300.0	-40.2	99.9	281.1	20.7	20.3	-4.0	328.6	999.9	99.9	99.9	29.8	84.
29.6	96.8	10079.8	275.0	-45.6	99.9	283.4	27.2	26.4	-6.3	329.2	999.9	99.9	99.9	32.1	85.
31.3	101.8	10707.9	250.0	-50.8	99.9	283.1	28.7	28.0	-6.5	330.6	999.9	99.9	99.9	34.7	87.
33.0	107.4	11384.1	225.0	-57.0	99.9	272.6	30.4	30.4	-1.4	331.1	999.9	99.9	99.9	37.5	88.
34.8	113.0	12119.7	200.0	-61.8	99.9	288.3	34.1	32.4	-10.7	334.9	999.9	99.9	99.9	41.2	86.
37.0	119.3	12942.2	175.0	-64.1	99.9	295.0	35.6	32.3	-15.1	344.2	999.9	99.9	99.9	45.2	91.
39.6	126.0	13902.9	150.0	-57.5	99.9	298.8	39.2	34.4	-18.9	371.1	999.9	99.9	99.9	50.4	94.
43.3	133.7	15049.3	125.0	-60.9	99.9	306.5	31.3	25.2	-18.6	388.8	999.9	99.9	99.9	57.5	98.
47.6	141.0	16406.7	100.0	-69.3	99.9	293.0	28.9	26.6	-11.3	393.9	999.9	99.9	99.9	63.3	100.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO. 327
NASHVILLE, TENN

23 APRIL 1975
2315 GMT

149 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCNP M/SEC	POT T DG K	E POT T DG K	MX RTO G4/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	180.0	995.7	22.5	14.9	180.0	3.6	0.0	3.6	297.5	326.0	10.8	62.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	6.5	363.4	975.0	22.5	13.9	191.3	9.8	1.9	9.6	299.2	326.9	10.4	58.4	0.3	4.0
1.4	8.5	589.1	950.0	21.0	12.9	199.9	12.1	4.1	11.4	299.9	326.4	9.9	59.6	0.9	11.0
2.1	10.5	819.6	925.0	19.0	12.0	203.3	14.8	5.9	13.6	300.0	325.8	9.6	63.9	1.4	15.0
2.9	12.4	1054.4	900.0	16.9	11.1	206.4	17.2	7.7	15.4	300.2	325.2	9.3	68.5	2.2	19.0
3.6	14.5	1294.2	875.0	14.6	10.5	208.2	20.1	9.5	17.7	300.2	325.0	9.2	76.4	3.0	21.0
4.5	16.4	1539.0	850.0	12.8	10.7	219.3	20.7	13.1	16.0	300.8	326.7	9.6	87.0	4.0	24.0
5.2	18.6	1789.6	825.0	11.2	8.9	236.0	22.3	18.5	12.5	301.6	325.4	8.7	85.7	4.9	28.0
6.0	20.7	2046.6	800.0	10.2	5.7	249.6	22.9	21.4	8.0	303.0	323.0	7.2	73.8	5.7	34.0
6.8	23.0	2310.6	775.0	9.6	2.9	252.4	22.7	21.7	6.9	304.9	322.1	6.1	62.9	6.7	41.0
7.8	25.2	2582.0	750.0	7.1	1.8	252.3	22.5	21.4	6.9	305.0	321.5	5.8	68.9	7.9	46.0
8.9	27.4	2860.2	725.0	5.1	1.5	253.0	21.1	20.2	6.2	305.8	322.6	5.9	77.9	9.3	50.0
10.0	29.8	3146.1	700.0	3.1	-2.6	255.9	18.7	18.1	4.5	306.5	319.7	4.5	66.1	10.4	53.0
11.0	32.3	3440.5	675.0	1.8	-3.1	265.3	16.7	16.7	1.4	308.2	321.4	4.5	70.4	11.4	55.0
12.2	34.9	3744.1	650.0	-0.5	-0.8	279.3	17.4	17.2	-2.8	309.1	325.2	5.6	97.8	12.3	58.0
13.2	37.2	4057.5	625.0	-2.1	-2.8	283.3	18.4	17.9	-4.2	310.6	325.3	5.0	95.6	13.1	62.0
14.2	39.9	4380.8	600.0	-4.7	-8.0	282.1	20.4	20.0	-4.3	311.1	321.6	3.5	77.8	14.0	65.0
15.1	42.3	4715.5	575.0	-5.9	-10.7	282.0	21.2	20.8	-4.4	313.4	322.4	2.9	69.0	14.9	68.0
16.3	45.1	5062.3	550.0	-8.3	-12.5	276.9	21.3	20.2	-6.5	314.5	322.7	2.7	71.7	16.2	71.0
17.5	47.9	5422.2	525.0	-10.3	-21.0	286.3	23.6	22.7	-6.7	316.2	320.6	1.4	41.4	17.5	74.0
18.9	50.7	5796.2	500.0	-13.3	-25.4	281.2	24.6	24.1	-4.8	316.9	320.1	1.0	35.2	19.1	77.0
20.2	53.8	6144.9	475.0	-15.4	-30.3	277.8	24.9	24.7	-3.4	318.9	321.1	0.6	26.3	21.1	79.0
21.7	56.6	6590.7	450.0	-18.7	-23.6	272.5	22.7	22.7	-1.0	319.9	324.1	1.3	67.1	23.1	81.0
23.1	59.9	7014.9	425.0	-21.2	-45.0	270.1	24.5	24.5	-0.0	321.8	322.4	0.2	9.9	25.2	81.0
24.6	63.3	7459.1	400.0	-24.8	-56.1	277.8	21.5	21.3	-2.9	322.7	322.9	0.0	3.6	27.1	82.0
26.3	66.6	7925.3	375.0	-28.2	-57.8	269.9	26.9	26.9	0.0	324.2	324.4	0.0	4.0	29.6	83.0
27.9	70.1	8416.7	350.0	-31.5	-59.5	269.2	28.6	28.6	0.4	326.2	326.3	0.0	4.4	32.1	84.0
29.7	73.8	8937.0	325.0	-35.6	-61.7	274.1	26.9	26.8	-1.9	327.6	327.7	0.0	4.9	35.2	84.0
31.7	77.8	9489.0	300.0	-39.8	99.9	276.3	27.2	27.1	-3.0	329.2	999.9	99.9	999.9	38.4	85.0
33.7	81.8	10077.9	275.0	-44.5	99.9	271.1	33.3	33.3	-0.6	330.8	999.9	99.9	999.9	42.0	86.0
35.9	86.0	10709.7	250.0	-49.1	99.9	271.0	30.2	30.2	-0.5	333.1	999.9	99.9	999.9	46.2	86.0
38.1	90.8	11392.2	225.0	-55.0	99.9	271.5	35.2	35.2	-0.9	334.2	999.9	99.9	999.9	50.2	87.0
40.6	95.8	12134.2	200.0	-60.4	99.9	272.9	39.4	39.4	-2.0	337.2	999.9	99.9	999.9	55.9	87.0
43.5	101.3	12959.5	175.0	-63.6	99.9	275.9	45.6	45.4	-4.7	345.0	999.9	99.9	999.9	63.2	86.0
46.8	107.5	13927.1	150.0	-57.0	99.9	272.6	40.5	40.5	-1.8	371.9	999.9	99.9	999.9	71.3	89.0
50.9	114.5	15075.2	125.0	-60.2	99.9	275.0	39.5*	39.3	-3.4	386.0	999.9	99.9	999.9	80.9	30.0
55.3	122.5	16450.7	100.0	-66.2	99.9	284.7	15.3*	14.8	-3.9	399.8	999.9	99.9	999.9	88.0	91.0
61.0	132.0	18177.0	75.0	-64.6	99.9	300.3	14.7	12.7	-7.4	437.5	999.9	99.9	999.9	93.1	91.0
69.4	143.0	20685.8	50.0	-59.8	99.9	222.2	4.4	2.9	3.2	502.7	999.9	99.9	999.9	94.7	91.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 340
LITTLE ROCK, ARK

23 APRIL 1975
2315 GMT

160 16. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	79.0	1004.4	25.5	16.6	200.0	4.6	1.6	4.3	299.9	331.8	12.0	58.0	0.0	0.
0.2	6.0	117.7	1000.0	25.8	16.2	194.9	13.1	3.3	12.6	300.6	331.8	11.7	55.2	0.3	13.
1.0	8.2	340.3	975.0	23.9	15.5	196.1	11.8	3.3	11.3	300.8	331.4	11.4	59.0	0.6	14.
1.9	10.4	567.0	950.0	21.5	14.8	198.2	11.2	3.5	10.6	309.5	330.7	11.2	65.6	1.2	16.
2.9	12.5	797.8	925.0	19.3	14.3	202.9	11.3	4.4	10.4	300.6	330.6	11.2	72.8	1.8	17.
3.6	14.8	1033.0	900.0	17.0	13.6	212.1	9.8	5.2	8.3	300.5	329.9	11.0	80.2	2.4	19.
4.5	17.0	1273.0	875.0	14.6	13.1	221.6	11.2	7.4	8.4	300.4	329.8	10.9	90.9	2.9	23.
5.4	19.3	1518.1	850.0	12.8	10.6	226.9	11.9	8.7	8.1	300.8	326.5	9.5	86.4	3.4	27.
6.6	21.5	1768.9	825.0	11.5	10.2	228.9	15.3	11.6	10.1	302.0	327.9	9.5	91.7	4.4	31.
7.8	24.1	2026.4	800.0	10.3	9.0	244.6	15.8	14.2	6.8	303.3	328.2	9.1	91.9	5.4	36.
9.1	26.4	2291.0	775.0	9.2	8.0	242.2	19.3	17.0	9.0	304.9	329.0	8.7	91.9	6.6	42.
9.9	29.0	2562.5	750.0	7.6	6.3	241.6	19.9	17.5	9.5	305.9	328.3	8.1	91.8	7.6	44.
10.8	31.6	2842.0	725.0	6.2	5.0	243.0	18.1	16.1	8.2	307.2	328.6	7.6	92.0	8.6	46.
11.8	34.3	3123.3	700.0	3.9	-5.3	245.3	19.4	17.6	8.1	307.3	318.1	3.7	51.1	9.6	48.
12.6	36.8	3426.8	675.0	7.1	-6.0	250.0	18.7	17.6	6.4	314.0	324.9	3.6	38.8	10.5	50.
13.5	39.7	3735.9	650.0	4.6	-9.9	253.1	15.4	14.7	4.5	314.5	323.0	2.8	34.1	11.4	52.
14.6	42.3	4054.0	625.0	1.8	-6.8	252.8	14.7	14.1	4.4	315.0	326.1	3.7	52.6	12.2	53.
15.7	45.2	4381.5	600.0	-1.2	-8.1	248.4	15.9	14.7	5.8	315.1	325.7	3.5	59.5	13.2	55.
16.9	48.3	4719.6	575.0	-3.8	-12.2	247.0	15.7	14.5	6.2	315.9	324.0	2.6	51.7	14.3	56.
18.1	51.1	5065.3	550.0	-6.0	-21.1	249.7	18.9	17.7	6.6	317.1	321.3	1.3	29.6	15.5	57.
19.3	54.3	5431.6	525.0	-8.9	-22.6	258.4	20.3	19.9	4.1	317.8	321.7	1.2	31.9	16.9	58.
20.5	57.4	5807.4	500.0	-12.1	-28.2	262.9	21.7	21.5	2.7	318.3	320.8	0.8	25.1	18.3	60.
21.9	60.7	6196.9	475.0	-16.1	-27.7	266.0	23.5	23.5	1.6	318.1	320.9	0.8	35.9	20.1	62.
23.3	64.1	6601.5	450.0	-19.0	-62.0	267.4	23.9	23.9	1.1	319.3	319.4	0.0	1.0	21.9	64.
24.7	67.5	7025.3	425.0	-21.5	-63.6	271.3	25.2	25.2	-0.6	321.3	321.4	0.0	1.0	23.8	66.
26.3	71.0	7469.6	400.0	-24.3	-65.4	270.4	27.3	27.3	-0.2	323.4	323.4	0.0	1.0	26.0	69.
28.0	75.0	7936.9	375.0	-27.4	-67.5	265.5	28.4	28.3	2.2	325.2	325.3	0.0	1.0	28.6	70.
29.5	79.0	8430.2	350.0	-31.1	-69.9	263.6	29.6	29.4	3.3	326.7	326.8	0.0	1.0	31.3	72.
31.1	83.0	8951.8	325.0	-35.0	-72.5	262.3	29.5	29.3	4.0	328.3	328.3	0.0	1.0	34.2	73.
32.9	87.2	9504.7	300.0	-39.8	99.9	263.4	29.8	29.6	3.4	329.2	999.9	99.9	999.9	37.2	73.
34.9	92.0	10092.6	275.0	-45.2	99.9	267.4	33.4	33.4	1.5	329.8	999.9	99.9	999.9	41.0	75.
37.2	96.6	10724.7	250.0	-48.8	99.9	267.7	34.5	34.5	1.4	333.5	999.9	99.9	999.9	45.5	76.
39.7	101.8	11409.8	225.0	-53.7	99.9	267.4	43.8	43.8	2.0	336.3	999.9	99.9	999.9	51.5	77.
42.3	107.5	12157.4	200.0	-59.7	99.9	264.1	49.0	48.8	5.1	338.3	999.9	99.9	999.9	58.6	78.
45.4	113.5	12985.1	175.0	-62.0	99.9	267.7	47.7	47.7	1.9	347.7	999.9	99.9	999.9	67.5	79.
49.2	120.0	13943.9	150.0	-58.6	99.9	265.4	44.2*	44.1	3.6	369.2	999.9	99.9	999.9	77.4	80.
53.0	127.3	15090.2	125.0	-60.2	99.9	257.5	23.0*	22.4	5.0	386.0	999.9	99.9	999.9	85.2	81.
57.6	135.3	16460.7	100.0	-65.2	99.9	268.8	23.5*	23.5	0.5	401.7	999.9	99.9	999.9	91.7	81.
63.2	143.3	18184.0	75.0	-71.0	99.9	261.0	13.3	13.2	2.1	424.2	999.9	99.9	999.9	96.2	81.
71.2	152.0	20675.3	50.0	-58.6	99.9	277.4	8.9	8.8	-1.1	505.5	999.9	99.9	999.9	99.4	81.
83.7	161.0	25117.4	25.0	-50.7	99.9	319.0	9.2	6.0	-6.9	639.0	999.9	99.9	999.9	103.3	82.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETTE, MO

23 APRIL 1975
2315 GMT

51 469. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	00.3	438.0	959.0	22.8	17.5	210.0	9.3	4.6	8.1	301.3	336.7	13.3	72.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
00.3	99.1	520.2	950.0	21.5	16.2	206.2	14.3	6.3	12.9	300.7	333.6	12.3	71.9	0.5	26.
01.2	11.1	751.4	925.0	19.5	15.4	210.7	15.5	7.9	13.3	300.8	332.9	12.0	77.2	1.2	27.
01.9	13.3	987.2	900.0	17.5	15.1	213.3	16.0	8.8	13.3	301.2	333.7	12.1	85.9	1.8	29.
02.5	15.5	1227.8	875.0	15.2	13.8	214.6	17.1	9.7	14.1	301.1	331.8	11.4	91.4	2.4	30.
03.3	17.7	1474.1	850.0	15.3	12.0	222.2	17.9	12.0	13.3	303.6	332.1	10.5	80.7	3.2	32.
04.2	20.1	1727.6	825.0	14.9	9.8	225.7	17.2	12.3	12.1	305.6	331.3	9.3	71.5	4.2	35.
05.2	22.2	1987.7	800.0	12.8	8.1	226.1	19.1	13.7	13.2	305.9	329.7	8.5	73.2	5.2	37.
06.0	24.7	2254.2	775.0	10.8	6.0	229.4	15.4	11.7	10.0	306.5	327.9	7.6	72.3	6.1	39.
06.8	27.0	2527.5	750.0	9.6	2.0	224.1	13.5	9.4	9.7	307.8	324.8	5.9	59.2	6.7	40.
07.7	29.5	2808.9	725.0	8.2	-1.2	215.3	11.2	6.5	9.1	309.0	323.1	4.8	51.6	7.4	40.
08.7	32.1	3097.2	700.0	5.5	-5.7	212.7	9.2	5.0	7.7	309.0	319.6	3.6	44.3	8.0	39.
09.8	34.7	3393.6	675.0	3.1	-9.1	213.8	10.4	5.8	8.6	309.5	318.0	2.8	40.2	8.6	39.
11.1	37.2	3698.9	650.0	2.0	-10.6	220.5	14.5	9.4	11.0	311.6	319.5	2.6	36.4	9.5	38.
12.1	39.9	4014.4	625.0	0.1	-12.3	234.1	18.1	14.7	10.6	312.8	320.2	2.4	38.8	10.6	39.
13.2	42.4	4340.3	600.0	-2.6	-6.8	246.2	19.5	17.8	7.9	313.6	325.1	3.8	72.5	11.7	41.
14.4	45.3	4676.4	575.0	-5.7	-10.2	253.8	19.6	18.8	5.5	313.7	323.0	3.1	70.1	13.0	45.
15.6	48.3	5023.2	550.0	-8.9	-12.1	252.5	20.8	19.9	6.3	313.8	322.4	2.8	78.3	14.2	47.
16.8	51.1	5381.5	525.0	-11.8	-15.3	254.1	22.0	21.2	6.0	314.5	321.4	2.2	74.9	15.7	50.
18.1	54.3	5752.8	500.0	-15.4	-22.1	999.9	99.9	99.9	99.9	314.4	318.6	1.3	56.8	999.9	999.9
19.3	57.1	6138.6	475.0	-17.3	-26.8	999.9	99.9	99.9	99.9	316.7	319.7	0.9	44.4	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

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

STATION NO. 363
AMARILLO, TEX

23 APRIL 1975
2315 GMT

153 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	1095.0	882.8	26.7	1.9	230.0	8.3	6.4	5.3	311.4	326.1	5.0	20.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.8	1173.0	875.0	25.5	-2.8	235.2	10.0	8.2	5.7	310.8	321.6	3.6	15.4	0.2	39.0
1.2	16.8	1425.9	850.0	22.7	-5.4	235.2	10.3	8.5	5.9	310.3	319.4	3.0	14.8	0.7	53.0
2.3	19.0	1683.8	825.0	20.2	-6.3	235.6	9.4	7.8	5.3	310.3	319.1	2.9	16.2	1.4	54.0
3.3	21.0	1947.6	800.0	17.6	-7.8	244.2	9.9	8.9	4.3	310.3	318.4	2.7	16.9	1.9	56.0
4.4	23.3	2217.2	775.0	14.9	-9.0	247.1	11.1	10.2	4.3	310.2	317.8	2.5	18.2	2.6	58.0
5.7	25.5	2493.0	750.0	12.0	-10.2	247.4	10.9	10.1	4.2	309.9	317.0	2.3	20.0	3.4	61.0
7.0	27.8	2775.2	725.0	9.3	-11.2	246.1	11.8	10.8	4.8	310.0	316.8	2.2	22.1	4.3	62.0
8.3	30.2	3064.5	700.0	6.6	-11.9	244.6	10.4	9.4	4.5	310.0	316.7	2.2	25.3	5.1	62.0
9.5	32.7	3351.6	675.0	4.1	-12.3	251.4	12.5	11.8	4.0	310.5	317.3	2.2	29.1	6.0	63.0
10.8	35.3	3666.8	650.0	1.1	-13.7	253.9	13.5	12.9	3.7	310.4	316.8	2.0	32.2	7.0	65.0
12.1	37.7	3980.8	625.0	-1.5	-16.4	251.9	14.7	13.9	4.6	310.9	316.2	1.7	31.1	8.0	66.0
13.2	40.3	4305.1	600.0	-2.4	-23.2	243.5	19.8	17.7	8.9	313.5	316.7	1.0	18.7	9.2	66.0
14.3	42.9	4642.7	575.0	-2.1	-29.5	237.8	24.0	20.4	12.8	317.6	319.5	0.6	10.0	10.6	65.0
15.4	45.7	4994.1	550.0	-5.1	-30.5	237.7	22.2	18.8	11.9	318.1	320.0	0.5	11.5	12.1	64.0
16.5	48.6	5357.4	525.0	-8.3	-31.0	241.1	19.9	17.4	9.6	318.5	320.4	0.5	14.0	13.6	64.0
17.8	51.4	5733.7	500.0	-11.6	-31.8	247.5	21.0	19.4	8.0	319.0	320.8	0.5	16.7	15.1	64.0
19.1	54.4	6124.6	475.0	-14.7	-32.9	248.8	22.1	20.6	8.0	319.6	321.6	0.5	19.3	16.8	64.0
20.5	57.4	6531.3	450.0	-18.3	-32.6	251.7	23.2	22.0	7.3	320.2	322.1	0.5	27.0	18.7	65.0
21.9	60.7	6955.0	425.0	-22.2	-35.1	250.9	24.8	23.5	8.1	320.5	322.1	0.4	29.8	20.7	66.0
23.3	64.1	7357.2	400.0	-25.9	-39.8	248.6	26.9	25.1	9.8	321.3	322.4	0.3	25.6	22.6	66.0
24.6	67.4	7861.7	375.0	-29.4	-43.1	248.5	29.8	27.7	10.9	322.6	323.4	0.2	25.1	25.1	66.0
26.2	71.0	8350.1	350.0	-33.3	-46.6	244.3	34.2	30.9	14.9	323.8	324.4	0.2	24.6	28.1	66.0
28.0	74.8	8867.9	325.0	-35.8	-50.1	242.9	33.7	30.0	15.3	327.2	327.7	0.1	21.3	31.7	66.0
29.9	79.0	9419.7	300.0	-39.8	-53.6	244.7	41.0	37.1	17.5	329.2	329.5	0.1	21.1	36.1	66.0
31.8	83.0	10008.9	275.0	-44.5	99.9	243.5	36.9	33.0	16.5	330.8	999.9	99.9	999.9	40.6	65.0
33.7	87.4	10639.8	250.0	-50.1	99.9	244.2	38.7	34.8	16.8	331.6	999.9	99.9	999.9	45.8	65.0
35.8	92.4	11320.6	225.0	-55.0	99.9	246.0	52.6	48.0	21.4	334.2	999.9	99.9	999.9	50.4	65.0
38.1	97.4	12066.3	200.0	-58.4	99.9	247.3	30.4	28.1	11.7	340.3	999.9	99.9	999.9	55.6	65.0
40.4	103.0	12907.2	175.0	-56.9	99.9	248.2	45.8	42.6	17.0	356.0	999.9	99.9	999.9	62.4	65.0
43.1	109.5	13882.0	150.0	-57.9	99.9	258.4	28.7	28.2	5.8	370.4	999.9	99.9	999.9	68.2	66.0
46.8	116.3	15030.5	125.0	-58.6	99.9	242.4	45.4*	40.2	21.0	388.8	999.9	99.9	999.9	76.0	66.0
50.7	125.0	16417.1	100.0	-63.0	99.9	259.1	39.8*	39.1	7.5	405.9	999.9	99.9	999.9	84.4	67.0
55.4	135.0	18180.8	75.0	-67.1	99.9	232.0	19.5	15.4	12.0	432.1	999.9	99.9	999.9	91.1	67.0
62.6	145.7	20707.9	50.0	-54.9	99.9	259.3	10.2	10.0	1.9	514.1	999.9	99.9	999.9	92.9	67.0
74.4	156.5	25186.1	25.0	-51.4	99.9	243.8	14.2	12.7	6.3	637.2	999.9	99.9	999.9	98.4	67.0

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

STATION NO. 402
WALLOPS ISLAND, VA

23 APRIL 1975
2315 GMT

147 52. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	4.0	1020.5	13.3	9.9	999.9	99.9	99.9	99.9	285.8	305.2	7.6	80.0	999.9	999.
0.7	5.9	176.5	1000.0	20.4	10.0	999.9	99.9	99.9	99.9	294.6	315.2	7.7	51.5	999.9	999.
1.4	8.1	375.3	975.0	20.4	8.7	999.9	99.9	99.9	99.9	298.7	316.4	7.3	47.0	999.9	999.
2.1	10.2	619.1	950.0	18.7	8.0	999.9	99.9	99.9	99.9	297.1	316.4	7.1	49.7	999.9	999.
2.9	12.3	847.2	925.0	16.7	7.4	999.9	99.9	99.9	99.9	297.3	316.3	7.0	54.2	999.9	999.
3.7	14.6	1080.0	900.0	14.6	6.8	999.9	99.9	99.9	99.9	297.5	316.2	6.9	59.3	999.9	999.
4.5	16.7	1317.4	875.0	12.3	6.2	999.9	99.9	99.9	99.9	297.5	316.0	6.8	66.4	999.9	999.
5.2	19.0	1559.8	850.0	10.2	5.9	999.9	99.9	99.9	99.9	297.7	316.5	6.9	75.1	999.9	999.
6.0	21.1	1807.8	825.0	8.2	6.2	999.9	99.9	99.9	99.9	298.2	317.9	7.2	87.0	999.9	999.
6.9	23.6	2061.6	800.0	6.1	4.3	999.9	99.9	99.9	99.9	298.5	316.4	6.5	87.9	999.9	999.
7.8	25.9	2321.5	775.0	5.2	-3.9	999.9	99.9	99.9	99.9	299.9	310.5	3.7	51.9	999.9	999.
8.6	28.4	2588.4	750.0	3.1	-7.6	999.9	99.9	99.9	99.9	300.3	308.7	2.9	45.3	999.9	999.
9.5	31.0	2861.9	725.0	0.9	-7.1	999.9	99.9	99.9	99.9	300.8	309.8	3.1	55.1	999.9	999.
10.5	33.8	3143.0	700.0	-1.6	-6.8	999.9	99.9	99.9	99.9	301.1	310.6	3.3	67.8	999.9	999.
11.4	36.2	3432.4	675.0	-2.4	-7.2	999.9	99.9	99.9	99.9	303.3	312.9	3.3	69.7	999.9	999.
12.3	39.0	3731.1	650.0	-4.3	-9.5	999.9	99.9	99.9	99.9	304.5	312.9	2.9	67.0	999.9	999.
13.2	41.6	4039.4	625.0	-6.2	-14.6	999.9	99.9	99.9	99.9	305.5	311.7	2.0	52.6	999.9	999.
14.2	44.3	4357.7	600.0	-7.9	-24.3	999.9	99.9	99.9	99.9	307.1	309.9	0.9	25.3	999.9	999.
15.3	47.6	4687.7	575.0	-9.4	-25.0	999.9	99.9	99.9	99.9	309.1	311.9	0.9	26.7	999.9	999.
16.5	50.5	5030.3	550.0	-11.2	-26.0	999.9	99.9	99.9	99.9	310.9	313.6	0.8	28.1	999.9	999.
17.7	53.3	5385.4	525.0	-13.9	-27.0	999.9	99.9	99.9	99.9	311.8	314.4	0.8	31.9	999.9	999.
18.9	56.6	5754.3	500.0	-16.3	-28.4	999.9	99.9	99.9	99.9	313.2	315.6	0.7	34.2	999.9	999.
20.1	59.9	6138.4	475.0	-18.5	-23.7	999.9	99.9	99.9	99.9	315.1	319.0	1.2	63.6	999.9	999.
21.4	63.4	6540.8	450.0	-20.4	-22.6	999.9	99.9	99.9	99.9	317.7	322.2	1.4	82.1	999.9	999.
22.6	66.8	6961.6	425.0	-23.5	-25.8	999.9	99.9	99.9	99.9	318.9	322.5	1.1	81.0	999.9	999.
23.9	70.4	7404.5	400.0	-25.1	-26.9	999.9	99.9	99.9	99.9	322.4	325.9	1.0	84.8	999.9	999.
25.4	74.2	7870.1	375.0	-29.0	-30.6	999.9	99.9	99.9	99.9	323.3	326.0	0.8	85.9	999.9	999.
27.0	78.3	8360.0	350.0	-33.0	-34.7	999.9	99.9	99.9	99.9	324.3	326.2	0.6	84.2	999.9	999.
29.5	82.3	8977.3	325.0	-37.1	-40.0	999.9	99.9	99.9	99.9	325.6	326.8	0.4	73.9	999.9	999.
30.2	86.6	9425.0	300.0	-42.1	99.9	999.9	99.9	99.9	99.9	326.0	999.9	99.9	999.9	999.9	999.
32.0	91.2	10006.6	275.0	-47.4	99.9	999.9	99.9	99.9	99.9	326.5	999.9	99.9	999.9	999.9	999.
34.0	96.0	10628.2	250.0	-53.5	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
36.1	101.3	11257.3	225.0	-58.9	99.9	999.9	99.9	99.9	99.9	328.3	999.9	99.9	999.9	999.9	999.
38.3	107.0	12025.8	200.0	-65.4	99.9	999.9	99.9	99.9	99.9	329.3	999.9	99.9	999.9	999.9	999.
40.8	113.0	12840.9	175.0	-62.4	99.9	999.9	99.9	99.9	99.9	346.9	999.9	99.9	999.9	999.9	999.
43.6	119.7	13794.8	150.0	-62.2	99.9	999.9	99.9	99.9	99.9	363.0	999.9	99.9	999.9	999.9	999.
47.4	127.0	14928.3	125.0	-61.3	99.9	999.9	99.9	99.9	99.9	384.0	999.9	99.9	999.9	999.9	999.
51.9	135.0	16311.8	100.0	-64.0	99.9	999.9	99.9	99.9	99.9	404.1	999.9	99.9	999.9	999.9	999.
58.2	142.7	18068.3	75.0	-62.9	99.9	999.9	99.9	99.9	99.9	441.0	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. 405
STERLING, VA

23 APRIL 1975
2315 GMT

156 23. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	85.0	1007.3	19.4	8.4	100.0	3.1	-3.1	0.5	292.9	311.2	6.9	49.0	0.0	0.
0.3	6.0	147.7	1000.0	20.6	8.8	145.1	7.5	-4.3	6.2	294.7	313.8	7.1	46.6	0.2	315.
1.2	8.2	366.3	975.0	19.7	7.8	165.4	8.2	-2.1	7.9	295.9	314.4	6.9	46.2	0.5	325.
2.0	10.5	590.0	950.0	19.2	8.1	185.7	11.8	1.2	11.8	297.7	317.1	7.2	48.3	0.9	343.
2.9	12.6	818.5	925.0	17.1	7.5	194.2	13.9	3.4	13.5	297.7	316.8	7.0	53.1	1.6	355.
3.8	15.0	1051.6	900.0	15.0	7.6	198.6	17.5	5.6	16.5	298.0	317.8	7.3	61.0	2.4	3.
4.7	17.1	1289.9	875.0	13.2	7.3	203.2	17.6	7.0	16.2	298.5	318.6	7.4	67.4	3.4	8.
5.7	19.6	1533.3	850.0	10.8	7.2	208.6	18.2	8.7	16.0	298.5	318.9	7.5	78.4	4.4	12.
6.5	21.8	1781.6	825.0	8.6	7.0	215.5	17.5	10.2	14.3	298.7	319.4	7.6	89.4	5.2	15.
7.4	24.3	2035.6	800.0	7.1	0.2	227.8	17.8	13.2	12.0	299.3	312.9	4.9	61.3	6.0	19.
8.3	26.7	2296.9	775.0	6.9	-6.2	235.6	17.5	14.5	9.9	301.6	310.6	3.1	38.6	6.8	24.
9.3	29.3	2565.2	750.0	4.9	-7.9	239.9	18.2	15.7	9.1	302.2	310.4	2.8	38.9	7.7	28.
10.2	31.9	2840.5	725.0	2.3	-9.0	239.7	17.7	15.3	9.0	302.3	310.1	2.7	42.8	8.6	32.
11.1	34.6	3122.5	700.0	-0.7	-10.0	237.8	16.6	14.1	8.8	302.0	309.6	2.6	49.3	9.4	34.
11.8	37.1	3412.1	675.0	-2.9	-10.4	237.8	16.7	14.1	8.9	302.7	310.3	2.6	56.2	10.1	36.
12.7	39.9	3709.8	650.0	-5.7	-10.4	238.1	17.1	14.5	9.0	302.9	310.7	2.7	69.1	10.9	38.
13.5	42.6	4015.8	625.0	-8.7	-10.4	236.8	16.9	14.1	9.3	302.9	311.0	2.8	87.0	11.7	39.
14.4	45.4	4331.8	600.0	-10.1	-11.1	234.8	17.2	14.0	9.9	304.8	312.9	2.7	92.7	12.6	40.
15.4	48.5	4659.9	575.0	-10.7	-11.5	237.9	18.7	15.8	9.9	307.8	316.1	2.8	94.0	13.6	41.
16.5	51.3	5001.6	550.0	-11.6	-12.4	252.5	23.7	22.6	7.1	310.6	318.7	2.7	93.9	14.9	43.
17.6	54.4	5357.4	525.0	-13.1	-13.7	268.0	26.9	26.9	0.9	313.0	320.7	2.5	94.8	16.3	47.
18.8	57.4	5728.6	500.0	-14.6	-15.3	278.6	27.3	27.0	-4.1	315.5	322.8	2.3	93.9	17.7	51.
20.0	60.7	6116.1	475.0	-16.6	-17.6	290.2	24.4	22.9	-8.4	317.6	324.0	2.0	92.4	18.9	56.
21.2	64.1	6521.4	450.0	-18.7	-19.9	290.7	23.2	21.7	-8.2	319.9	325.5	1.7	90.0	19.9	60.
22.4	67.4	6943.6	425.0	-21.5	-23.2	288.3	25.4	24.1	-8.0	321.6	326.2	1.4	85.9	21.1	64.
23.5	70.8	7389.9	400.0	-24.8	-26.7	293.3	25.9	23.8	-10.3	322.8	326.4	1.1	84.3	22.3	67.
25.0	74.4	7856.7	375.0	-28.3	-30.2	297.6	28.2	25.0	-13.1	324.1	326.9	0.8	84.1	23.9	71.
26.4	78.3	8347.6	350.0	-32.2	-34.4	298.5	25.6	22.5	-12.2	325.3	327.3	0.6	81.2	25.5	75.
27.9	82.3	8866.2	325.0	-36.3	-38.9	291.8	27.5	25.6	-10.2	326.7	328.1	0.4	76.4	27.4	78.
29.7	86.2	9415.8	300.0	-40.8	-44.8	290.7	25.5	23.9	-9.0	327.9	329.9	99.9	99.9	29.6	81.
31.5	90.7	10001.3	275.0	-46.2	-50.2	290.2	29.1	27.3	-10.0	328.3	329.9	99.9	99.9	32.3	84.
33.4	95.3	10626.5	250.0	-52.0	-56.0	291.0	33.5	31.2	-12.0	328.8	329.9	99.9	99.9	35.5	86.
35.6	100.2	11298.9	225.0	-58.4	-62.4	287.1	39.6	37.9	-11.7	329.0	329.9	99.9	99.9	39.8	89.
38.0	105.3	12028.2	200.0	-65.2	-70.0	288.7	37.5	35.5	-12.1	329.6	329.9	99.9	99.9	44.7	91.
40.9	110.8	12839.8	175.0	-63.7	-68.0	300.4	34.6	29.9	-17.5	344.8	329.9	99.9	99.9	51.7	94.
44.4	117.0	13901.4	150.0	-59.4	-64.0	294.2	33.1	30.2	-13.6	367.8	329.9	99.9	99.9	57.2	98.
48.4	124.3	14948.8	125.0	-59.2	-64.0	294.0	35.5	32.4	-14.4	387.9	329.9	99.9	99.9	65.2	99.
53.1	131.7	16331.7	100.0	-64.2	-69.0	303.5	39.9	33.3	-22.0	403.7	329.9	99.9	99.9	73.9	102.
59.0	140.3	18094.4	75.0	-62.6	-68.0	303.7	6.8	5.6	-3.8	441.6	329.9	99.9	99.9	75.2	104.
67.2	146.3	20630.8	50.0	-58.0	-64.0	307.3	7.5	6.0	-4.6	507.0	329.9	99.9	99.9	83.2	105.
80.1	159.3	25059.1	25.0	-54.1	-60.0	309.9	99.9	99.9	99.9	629.6	329.9	99.9	99.9	99.9	99.9.

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

STATION NO. 425
HUNTINGTON, WVA

23 APRIL 1975
2315 GMT

155 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	246.0	988.5	14.4	10.0	190.0	8.2	1.4	8.1	289.5	310.0	7.9	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.
0.4	8.1	362.2	975.0	13.6	9.1	188.9	21.9	3.4	21.6	289.8	309.3	7.5	74.5	0.4	11.
1.2	10.4	521.0	950.0	12.8	6.3	198.2	24.2	7.6	23.0	291.0	307.7	6.3	64.5	1.3	12.
2.1	12.5	804.7	925.0	11.8	5.5	204.8	30.9	13.0	28.0	292.2	308.6	6.2	65.4	2.7	18.
2.9	14.9	1033.2	900.0	9.7	3.9	207.9	29.9	14.0	26.5	292.3	307.4	5.6	66.9	4.2	21.
3.7	17.1	1267.0	875.0	8.7	4.6	212.3	29.1	15.5	24.6	293.6	310.0	6.1	75.6	5.7	23.
4.5	19.6	1506.8	850.0	7.7	5.5	220.4	30.5	19.8	23.2	295.1	313.2	6.7	86.4	7.0	25.
5.2	21.8	1753.5	825.0	7.5	7.0	230.1	33.5	25.7	21.5	297.5	318.2	7.7	96.0	8.4	29.
6.2	24.4	2007.2	800.0	6.6	6.4	243.1	31.3	27.9	14.1	299.1	319.7	7.6	98.7	10.0	34.
7.1	26.7	2268.0	775.0	5.6	3.9	253.2	31.7*	30.3	9.2	300.7	318.8	6.6	88.6	11.5	39.
8.0	29.3	2536.0	750.0	4.1	2.2	258.2	31.9*	31.3	6.5	301.8	318.5	6.0	87.7	13.0	44.
9.0	32.0	2811.5	725.0	2.6	1.8	263.2	30.6*	30.4	3.6	303.0	319.9	6.0	94.6	14.6	48.
9.9	34.7	3095.2	700.0	1.1	0.7	266.6	30.5*	30.5	1.8	304.5	320.9	5.8	97.2	15.9	52.
10.9	37.2	3384.1	675.0	0.3	-0.0	277.2	27.0	26.8	-3.4	306.7	322.9	5.7	97.3	17.1	56.
11.8	40.0	3690.2	650.0	-1.6	-1.9	280.9	27.7	27.2	-5.2	307.8	322.5	5.1	97.7	18.3	59.
12.9	42.7	4002.7	625.0	-3.1	-3.4	282.0	31.0	30.3	-6.4	309.5	323.4	4.8	97.5	19.6	62.
13.9	45.6	4325.1	600.0	-5.1	-5.8	283.6	33.6	32.6	-7.9	310.7	323.0	4.2	95.0	21.4	66.
15.2	48.5	4658.9	575.0	-7.0	-7.9	284.2	33.5	32.5	-8.2	312.2	323.2	3.7	93.8	23.5	70.
16.5	51.4	5005.0	550.0	-8.7	-9.4	284.9	29.1	28.2	-7.5	314.2	324.5	3.4	94.7	25.4	73.
17.4	54.6	5365.0	525.0	-10.5	-11.1	279.4	31.6	31.2	-5.2	316.1	325.7	3.1	95.3	27.4	75.
19.0	57.6	5739.5	500.0	-12.7	-14.1	275.7	32.2	32.0	-3.2	317.8	325.9	2.6	89.3	29.6	77.
20.4	61.0	6129.2	475.0	-15.2	-16.7	276.1	27.9	27.7	-3.0	319.3	326.3	2.2	88.6	32.2	79.
21.9	64.6	6535.9	450.0	-18.2	-19.9	274.3	28.6	28.5	-2.1	320.6	326.2	1.8	86.6	34.4	80.
23.1	67.7	6960.9	425.0	-21.1	-23.0	275.4	26.6	26.5	-2.5	322.1	326.8	1.4	84.4	36.3	81.
24.5	71.3	7405.7	400.0	-24.6	-26.8	277.2	23.6	23.4	-3.0	323.1	326.7	1.1	81.9	38.6	81.
25.9	74.9	7872.3	375.0	-28.1	-30.3	272.8	23.5	23.5	-1.1	324.4	327.2	0.8	81.6	40.4	82.
27.3	78.8	8363.7	350.0	-32.0	-35.3	270.0	23.2	23.2	0.0	325.6	327.5	0.5	72.1	42.3	82.
28.9	82.8	8882.3	325.0	-36.6	-40.6	264.3	28.0	27.9	2.8	326.2	327.4	0.3	60.2	44.8	83.
30.5	87.7	9431.4	300.0	-41.3	-49.9	265.6	25.4	25.3	2.0	327.2	327.9	99.9	99.9	47.1	83.
32.1	91.4	10016.5	275.0	-45.9	-51.9	264.1	34.9	34.8	3.6	328.7	328.0	99.9	99.9	50.2	83.
34.0	96.2	10642.3	250.0	-51.9	-59.9	262.4	37.2	36.9	4.9	329.0	328.0	99.9	99.9	54.5	83.
36.2	101.2	11315.9	225.0	-57.9	-69.9	266.4	34.4	34.4	2.1	329.8	328.0	99.9	99.9	58.9	83.
38.5	106.8	12052.3	200.0	-61.7	-79.9	278.7	42.6*	42.1	-6.4	335.0	328.0	99.9	99.9	64.2	84.
41.0	112.5	12874.5	175.0	-62.1	-89.9	281.3	44.9*	44.0	-8.8	347.4	328.0	99.9	99.9	69.5	85.
43.7	119.0	13844.1	150.0	-54.5	-99.9	288.5	41.7*	39.5	-13.2	376.2	328.0	99.9	99.9	77.0	87.
46.7	126.0	15004.0	125.0	-58.5	-99.9	291.4	27.2*	25.3	-10.1	389.0	328.0	99.9	99.9	83.1	89.
51.8	134.0	16385.0	100.0	-65.6	-99.9	278.2	28.9*	28.6	-4.1	400.9	328.0	99.9	99.9	90.4	90.
58.6	142.0	18136.9	75.0	-63.9	-99.9	303.3	8.0*	6.7	-4.4	439.0	328.0	99.9	99.9	98.8	92.
67.9	150.5	20666.4	50.0	-57.7	-99.9	69.4	2.0	-1.8	-0.7	507.6	328.0	99.9	99.9	102.4	93.
81.7	156.3	25118.3	25.0	-50.6	-99.9	999.9	99.9	99.9	99.9	639.6	328.0	99.9	99.9	999.9	999.

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

STATION NO. 429
DAYTON, OHIO

23 APRIL 1975
2315 GMT

138 52. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	298.0	978.5	13.9	12.1	200.0	7.2	2.5	6.8	250.0	313.7	9.1	89.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	9.1	328.3	975.0	14.2	11.2	999.9	99.9	99.9	99.9	250.6	313.0	8.6	82.4	999.9	999.
1.1	11.2	547.5	950.0	12.5	11.3	999.9	99.9	99.9	99.9	291.1	314.3	8.9	92.5	999.9	999.
1.9	13.5	771.1	925.0	10.8	10.3	224.8	21.1	7.9	15.0	291.5	313.9	8.6	96.8	1.7	35.
2.8	15.6	999.8	900.0	10.0	9.6	230.7	26.7	20.7	16.9	292.9	315.0	8.4	96.8	2.9	41.
3.5	17.3	1234.1	875.0	8.8	8.4	238.5	27.7	23.6	14.5	294.0	315.1	7.9	96.9	4.2	45.
4.4	20.3	1474.3	850.0	8.8	2.2	257.7	22.4	21.9	4.8	296.0	310.5	5.3	64.0	5.5	50.
5.4	22.5	1722.5	825.0	10.1	-1.4	280.5	15.6	15.3	-2.8	295.8	311.7	4.2	44.6	6.4	57.
6.5	25.0	1977.5	800.0	8.2	-1.9	285.3	17.8	17.1	-4.7	300.4	312.3	4.2	49.0	7.0	62.
7.4	27.3	2239.3	775.0	6.5	-1.4	293.8	18.3	16.7	-7.4	301.4	314.1	4.5	56.8	7.8	68.
8.3	29.8	2507.7	750.0	4.7	-2.0	286.3	20.0	19.2	-5.6	302.3	314.9	4.4	61.8	8.6	73.
9.2	32.3	2783.6	725.0	2.9	-2.1	280.4	20.6	20.3	-3.7	303.2	316.1	4.5	69.7	9.6	76.
10.2	35.0	3067.1	700.0	1.8	-3.5	281.8	19.8	19.4	-4.0	305.0	317.2	4.2	67.7	10.7	79.
11.3	37.4	3360.3	675.0	0.6	-16.8	288.9	19.0	18.0	-6.2	306.6	311.5	1.6	26.7	11.8	82.
12.5	40.2	3662.3	650.0	-0.5	-50.3	285.2	20.9	20.1	-5.5	308.3	308.5	0.1	1.0	13.1	84.
13.8	42.8	3975.0	625.0	-1.2	-50.7	288.0	23.2	22.1	-7.2	311.1	311.3	0.1	1.0	14.7	87.
15.1	45.7	4299.0	600.0	-3.4	-52.1	292.0	23.6	21.9	-8.8	312.1	312.3	0.0	1.0	16.4	89.
16.3	48.0	4633.5	575.0	-6.3	-53.9	294.5	21.9	20.0	-9.1	312.5	312.7	0.0	1.0	17.9	92.
17.6	51.4	4978.9	550.0	-9.3	-55.6	288.3	22.5	21.3	-7.1	313.1	313.2	0.0	1.0	19.7	93.
19.0	54.5	5337.3	525.0	-11.3	-46.4	295.3	21.5	19.5	-9.2	314.8	315.2	0.1	3.7	21.3	95.
20.2	57.4	5709.5	500.0	-14.3	-48.3	300.0	22.4	19.4	-11.2	315.6	315.9	0.1	3.7	22.9	96.
21.5	60.7	6055.8	475.0	-17.8	-40.0	294.5	25.0	22.8	-10.4	315.9	316.8	0.2	12.3	24.5	98.
23.0	64.1	6497.7	450.0	-20.8	-31.9	283.9	32.1	31.1	-7.7	317.1	319.1	0.6	35.9	27.2	99.
24.4	67.3	6917.9	425.0	-23.8	-31.6	272.5	35.9	35.9	-1.6	318.5	320.6	0.6	48.2	29.8	99.
26.0	70.8	7358.1	400.0	-26.8	-39.0	259.8	34.1	33.6	6.0	320.2	321.3	0.3	30.7	33.1	98.
27.5	74.3	7821.5	375.0	-29.3	-56.5	254.7	36.4	35.1	9.6	322.8	323.0	0.1	5.6	36.3	96.
29.2	78.3	8310.8	350.0	-32.8	-71.0	251.5	32.2	30.6	10.2	324.5	324.5	0.0	1.0	39.5	94.
31.0	82.1	8827.8	325.0	-37.4	-74.1	255.4	36.1	34.9	9.1	325.0	325.0	0.0	1.0	42.7	92.
32.8	86.0	9374.3	300.0	-42.2	99.9	256.0	37.0	35.9	9.0	325.9	999.9	99.9	999.9	46.8	91.
34.7	90.4	9956.7	275.0	-47.2	99.9	259.0	34.9	34.3	6.7	326.9	999.9	99.9	999.9	51.0	90.
36.9	95.0	10590.0	250.0	-51.9	99.9	261.6	41.2*	40.7	6.0	328.9	999.9	99.9	999.9	55.6	89.
39.3	99.8	11256.9	225.0	-56.1	99.9	264.6	48.5*	48.2	4.6	332.6	999.9	99.9	999.9	62.4	88.
41.8	105.0	11956.4	200.0	-61.3	99.9	268.7	40.6*	40.5	0.9	335.7	999.9	99.9	999.9	67.7	88.
44.4	110.6	12820.4	175.0	-61.3	99.9	267.2	42.4*	42.4	2.1	348.9	999.9	99.9	999.9	74.5	88.
47.5	116.5	13793.3	150.0	-54.1	99.9	284.3	32.9*	31.9	-8.2	376.8	999.9	99.9	999.9	81.7	89.
51.2	123.3	14553.9	125.0	-57.9	99.9	277.1	30.6*	30.3	-3.8	390.2	999.9	99.9	999.9	89.4	90.
55.3	130.5	16349.9	100.0	-61.8	99.9	274.1	27.8*	27.7	-2.0	408.3	999.9	99.9	999.9	97.4	90.
60.7	138.3	18111.9	75.0	-62.9	99.9	278.5	11.3*	11.2	-1.7	441.0	999.9	99.9	999.9	104.1	91.
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. 433
SALEM, ILL

23 APRIL 1975
2315 GMT

130 105. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT CG C	DIR DG	SPEFD M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	175.0	989.4	20.0	12.3	170.0	8.8	-1.5	8.7	295.3	319.4	9.1	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.
0.3	6.6	301.6	975.0	19.4	13.0	178.8	17.9	-0.4	17.9	295.9	321.6	9.7	66.5	0.4	350.
1.0	8.9	525.4	950.0	19.0	13.2	185.1	18.7	1.7	18.6	297.9	324.9	10.1	69.1	0.9	354.
1.8	11.3	754.9	925.0	18.3	13.5	197.7	19.4	5.9	18.5	299.5	327.9	10.6	73.6	1.9	5.
2.6	13.4	989.9	900.0	16.8	12.9	198.4	17.3	5.5	16.4	300.2	328.3	10.5	77.6	2.8	9.
3.3	15.6	1230.1	875.0	15.6	11.9	205.7	16.6	8.2	14.5	301.3	328.6	10.1	78.8	3.5	12.
4.1	17.9	1476.0	850.0	14.0	11.9	225.2	14.9	10.5	10.5	302.2	330.4	10.4	87.3	4.2	16.
4.9	20.3	1728.0	825.0	12.3	11.0	238.4	14.1	12.0	7.4	303.0	330.3	10.0	91.3	4.7	21.
5.7	22.6	1986.1	800.0	10.9	9.6	246.6	15.7	14.4	6.2	304.0	330.0	9.5	92.1	5.3	26.
6.5	25.2	2251.2	775.0	9.7	7.5	256.2	17.3	16.8	4.1	305.3	328.8	8.4	86.2	5.8	31.
7.3	27.6	2523.4	750.0	8.2	4.8	263.7	19.9	19.7	2.2	306.5	328.8	7.2	78.6	6.4	37.
8.2	30.2	2803.4	725.0	7.7	-5.6	267.5	21.8	21.8	0.9	308.3	318.7	3.5	38.6	7.2	44.
9.1	32.9	3091.6	700.0	6.3	-12.9	269.5	21.7	21.7	0.2	309.7	315.9	2.0	23.8	8.1	50.
10.0	35.3	3388.9	675.0	4.3	-15.5	275.2	21.7	21.6	-2.0	310.7	316.0	1.7	21.9	9.1	55.
11.0	38.2	3694.6	650.0	2.1	-17.3	276.4	22.2	22.0	-2.5	311.5	316.2	1.5	22.1	10.1	60.
12.0	40.9	4005.8	625.0	-0.1	-21.9	277.7	20.6	20.5	-2.8	312.4	315.9	1.1	17.5	11.2	64.
13.1	43.8	4334.6	600.0	-3.2	-22.1	278.2	20.1	19.9	-2.9	312.5	316.0	1.1	21.7	12.3	68.
14.2	46.9	4669.4	575.0	-6.4	-20.3	274.4	20.8	20.7	-1.6	312.6	316.9	1.3	32.2	13.5	71.
15.3	49.9	5015.1	550.0	-9.3	-20.0	270.1	21.6	21.6	-0.0	313.2	317.7	1.4	41.4	14.9	73.
16.6	52.9	5372.8	525.0	-12.7	-19.4	261.2	25.0	24.7	3.8	313.3	318.2	1.6	57.0	16.4	74.
17.7	56.0	5743.0	500.0	-15.8	-20.5	257.0	27.1	26.4	6.1	313.9	318.7	1.5	66.8	18.2	74.
19.0	59.4	6127.6	475.0	-19.4	-22.2	260.7	29.8	29.4	4.8	314.1	318.5	1.4	78.2	20.5	75.
20.3	62.9	6526.7	450.0	-22.9	-24.2	259.4	29.4	28.9	5.4	314.5	318.4	1.2	89.7	22.9	75.
21.6	66.3	6943.2	425.0	-26.1	-27.6	260.3	29.0	28.6	4.9	315.6	318.7	0.9	86.8	25.1	76.
23.3	70.0	7378.9	400.0	-28.8	-40.1	269.0	33.0	33.0	0.6	317.5	318.5	0.3	32.3	27.6	76.
24.5	73.7	7841.9	375.0	-29.6	-44.4	270.7	37.3	37.3	-0.5	322.4	323.1	0.2	22.0	30.8	78.
26.1	77.8	8330.0	350.0	-33.8	-47.2	268.1	37.6	37.6	1.3	323.1	323.7	0.1	24.0	34.2	79.
27.6	81.8	8845.5	325.0	-37.7	-50.7	267.5	42.3	42.3	1.9	324.6	325.0	0.1	24.0	38.3	80.
29.6	86.2	9391.8	300.0	-42.3	99.9	999.9	99.9	99.9	99.9	325.7	999.9	99.9	999.9	999.9	999.
31.4	90.8	9975.9	275.0	-45.3	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
33.5	95.8	10605.9	250.0	-49.8	99.9	999.9	99.9	99.9	99.9	332.0	999.9	99.9	999.9	999.9	999.
35.8	101.0	11287.4	225.0	-55.2	99.9	999.9	99.9	99.9	99.9	334.0	999.9	99.9	999.9	999.9	999.
38.4	106.8	12031.2	200.0	-60.1	99.9	999.9	99.9	99.9	99.9	337.6	999.9	99.9	999.9	999.9	999.
41.2	113.0	12860.8	175.0	-60.2	99.9	999.9	99.9	99.9	99.9	350.6	999.9	99.9	999.9	999.9	999.
44.7	119.7	13830.5	150.0	-57.6	99.9	999.9	99.9	99.9	99.9	370.9	999.9	99.9	999.9	999.9	999.
48.7	127.3	14981.2	125.0	-57.9	99.9	999.9	99.9	99.9	99.9	390.1	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. 451
DOEGE CITY, KAN

23 APRIL 1975
2315 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	791.0	913.4	30.6	1.0	210.0	9.3	4.6	8.1	312.4	325.8	4.5	15.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	15.3	922.4	900.0	27.9	4.9	245.2	5.3	4.8	2.2	311.1	328.7	6.1	23.0	0.4	45.
1.2	17.6	1170.8	875.0	25.7	3.1	220.8	7.6	5.0	5.8	311.2	327.1	5.5	23.1	0.6	48.
2.1	20.2	1424.3	850.0	23.2	1.0	209.3	8.6	4.2	7.5	311.1	325.4	4.9	23.2	1.1	41.
2.9	22.6	1683.1	825.0	20.7	-0.9	211.3	8.8	4.6	7.5	311.1	323.9	4.3	23.3	1.5	38.
4.0	25.2	1947.7	800.0	18.0	-1.0	214.6	10.2	5.8	8.4	311.0	324.1	4.4	27.4	2.1	36.
4.9	27.6	2217.4	775.0	14.8	-2.9	216.1	10.3	6.1	8.3	310.3	322.1	4.0	29.2	2.7	36.
6.5	30.2	2493.3	750.0	12.1	-5.2	212.6	10.2	5.5	8.6	310.1	320.5	3.5	29.4	3.7	36.
7.9	33.0	2775.7	725.0	9.6	-6.7	215.4	10.1	5.9	8.2	310.4	320.0	3.2	30.8	4.5	36.
9.3	35.6	3065.4	700.0	6.8	-8.5	213.7	9.6	5.3	8.0	310.3	319.0	2.9	32.7	5.3	36.
10.5	38.4	3362.5	675.0	3.9	-10.7	214.0	10.0	5.6	8.3	310.3	317.9	2.5	33.4	6.1	35.
11.6	41.1	3667.5	650.0	1.0	-12.8	222.0	10.2	6.8	7.6	310.3	317.0	2.2	34.7	6.7	35.
12.8	44.0	3981.1	625.0	-1.8	-14.4	228.1	11.4	8.5	7.6	310.6	316.8	2.0	37.3	7.5	36.
13.9	47.1	4303.8	600.0	-5.0	-16.9	236.6	11.9	9.9	6.5	310.5	315.8	1.7	38.8	8.2	38.
15.1	50.2	4636.6	575.0	-7.9	-20.5	244.0	13.5	12.1	5.9	310.8	315.0	1.3	35.4	9.1	40.
16.3	53.3	4980.7	550.0	-10.1	-25.0	244.5	15.2	13.7	6.5	312.2	315.1	0.9	28.2	10.0	43.
17.2	56.3	5338.8	525.0	-10.8	-26.8	238.0	15.8	13.4	8.2	315.5	318.1	0.8	25.3	10.8	44.
18.5	59.6	5712.4	500.0	-13.4	-28.4	240.9	16.4	14.4	8.0	316.8	319.2	0.7	26.8	12.0	45.
20.0	63.0	6100.7	475.0	-16.2	-28.8	250.1	18.9	17.7	6.4	318.0	320.5	0.7	32.5	13.6	48.
21.7	66.3	6505.7	450.0	-18.7	-32.0	249.4	24.9	23.3	8.7	319.7	321.7	0.6	29.8	15.6	51.
23.4	70.0	6929.0	425.0	-22.0	-33.2	247.2	26.4	24.4	10.2	320.8	322.7	0.5	35.1	18.1	54.
24.9	73.7	7371.5	400.0	-26.2	-37.1	247.1	28.3	26.1	11.0	321.0	322.3	0.4	34.6	20.5	56.
26.3	77.5	7834.9	375.0	-30.1	-39.9	247.4	28.3	26.2	10.9	321.8	322.9	0.3	37.2	22.9	58.
27.9	81.5	8321.5	350.0	-34.9	-43.1	247.6	28.9	26.7	11.0	321.6	322.5	0.2	42.8	25.7	58.
30.0	85.6	8834.3	325.0	-38.6	-46.8	248.8	30.9	28.8	11.2	323.4	324.0	0.2	41.0	29.2	59.
31.9	90.0	9378.4	300.0	-43.2	99.9	250.1	33.8	31.8	11.5	324.5	999.9	99.9	999.9	32.7	60.
33.9	94.6	9959.5	275.0	-47.2	99.9	250.5	40.9	38.5	13.7	326.9	999.9	99.9	999.9	37.3	61.
36.5	99.4	10585.7	250.0	-51.1	99.9	245.4	46.5	42.3	19.4	330.1	999.9	99.9	999.9	44.2	62.
38.8	104.5	11263.5	225.0	-55.8	99.9	243.8	47.2	42.3	20.8	333.1	999.9	99.9	999.9	50.6	62.
41.5	110.2	12006.4	200.0	-59.5	99.9	245.4	51.8	47.1	21.6	338.6	999.9	99.9	999.9	58.4	63.
44.3	115.8	12843.9	175.0	-58.8	99.9	251.7	46.3*	44.0	14.6	352.8	999.9	99.9	999.9	66.6	64.
47.7	122.3	13818.3	150.0	-56.4	99.9	248.6	41.9*	39.0	15.3	373.0	999.9	99.9	999.9	73.8	64.
52.1	129.5	14972.6	125.0	-57.5	99.9	255.7	36.6*	35.5	9.0	391.0	999.9	99.9	999.9	84.6	65.
57.2	137.0	16385.2	100.0	-56.5	99.9	248.6	24.8*	23.1	9.1	418.6	999.9	99.9	999.9	93.4	65.
63.7	144.5	18179.2	75.0	-65.0	99.9	249.8	15.0*	14.1	5.2	436.7	999.9	99.9	999.9	101.8	65.
72.2	152.7	20715.3	50.0	-58.8	99.9	258.0	14.6*	14.2	3.0	504.9	999.9	99.9	999.9	104.9	65.
84.8	160.7	25186.8	25.0	-50.3	99.9	264.8	5.2	5.2	0.5	640.6	999.9	99.9	999.9	109.0	66.

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

STATION NO. 456
TOPEKA, KAN

23 APRIL 1975
2337 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	268.0	971.0	32.2	17.7	220.0	5.2	3.3	4.0	309.8	346.4	13.2	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	8.5	463.2	950.0	28.1	15.6	199.1	10.9	3.6	10.3	307.4	340.0	11.9	46.6	0.4	47.
1.2	10.5	699.6	925.0	26.2	15.6	206.4	12.4	5.5	11.1	307.8	341.4	12.2	52.2	0.8	34.
2.0	12.6	940.4	900.0	23.5	14.1	213.5	12.9	7.1	10.8	307.3	338.6	11.4	55.8	1.4	32.
3.0	14.8	1125.8	875.0	21.3	13.4	222.5	14.6	9.8	10.7	307.4	338.3	11.2	61.0	2.2	34.
3.8	16.7	1436.5	850.0	18.9	12.6	230.8	13.0	10.1	8.6	307.4	337.5	10.9	66.6	2.8	37.
4.5	19.0	1692.5	825.0	16.8	11.7	235.1	14.0	11.5	8.0	307.8	337.1	10.6	72.1	3.4	40.
5.2	21.0	1954.3	800.0	14.6	10.8	242.4	11.0	9.8	5.1	308.1	336.6	10.3	78.0	3.9	42.
6.1	23.4	2222.3	775.0	11.9	10.4	250.2	11.3	10.6	3.8	307.9	336.5	10.3	90.6	4.4	45.
7.0	25.6	2476.6	750.0	9.5	6.7	260.4	11.6	11.5	1.9	308.0	331.2	8.3	112.5	4.9	49.
8.1	27.9	2777.3	725.0	7.7	-0.8	260.9	13.7	13.5	2.2	308.6	323.1	5.0	54.9	5.6	54.
9.2	30.4	3066.0	700.0	6.4	-9.9	257.8	14.8	14.5	3.1	309.9	317.8	2.6	30.4	6.3	57.
10.2	33.0	3363.0	675.0	4.4	-16.2	250.9	17.6	16.6	5.8	310.8	315.8	1.6	20.7	7.4	59.
11.1	35.5	3669.1	650.0	2.2	-16.9	246.4	20.5	18.8	8.2	311.6	316.6	1.6	22.6	8.5	61.
12.3	38.0	3983.7	625.0	-1.0	-17.6	241.9	21.4	18.8	10.0	311.5	316.3	1.5	26.9	10.0	61.
13.5	40.6	4307.8	600.0	-4.1	-19.1	242.3	22.2	19.7	10.3	311.6	316.0	1.4	29.7	11.6	61.
14.7	43.3	4641.3	575.0	-7.2	-22.1	243.2	24.5	21.9	11.1	311.7	315.3	1.1	29.3	13.2	61.
15.8	46.2	4925.9	550.0	-10.1	-29.2	245.3	22.7	20.6	9.5	312.1	314.2	0.6	19.1	14.8	62.
16.9	49.1	5342.4	525.0	-13.2	-28.3	247.2	23.5	21.7	9.1	312.5	314.9	0.7	26.8	16.6	62.
18.1	52.0	5713.0	500.0	-14.3	-34.9	250.5	23.2	21.9	7.8	315.6	317.0	0.4	15.3	18.0	63.
19.2	55.0	6101.1	475.0	-16.1	-36.6	260.1	21.4	21.1	3.7	318.1	319.3	0.3	15.0	19.4	64.
20.4	58.0	6505.5	450.0	-19.6	-40.0	265.6	22.3	22.3	1.7	318.6	319.5	0.3	14.3	20.9	65.
21.9	61.4	6927.7	425.0	-22.5	-40.8	266.4	27.2	27.2	1.7	320.2	321.1	0.2	16.9	22.9	67.
23.6	64.9	7370.1	400.0	-25.5	-39.0	264.3	26.8	26.7	2.7	321.8	322.9	0.3	26.8	25.6	69.
25.2	68.3	7834.9	375.0	-29.4	-40.1	262.1	29.8	29.5	4.1	322.7	323.8	0.3	34.1	28.3	70.
26.9	71.8	8323.2	350.0	-33.6	-43.0	261.6	28.0	27.7	4.1	323.3	324.2	0.2	37.8	31.2	71.
28.8	75.8	8838.1	325.0	-38.3	-47.6	261.2	32.4	32.0	4.9	323.7	324.3	0.2	36.4	34.6	72.
31.2	80.0	9385.5	300.0	-40.9	99.9	267.8	37.0	36.9	1.4	327.8	99.9	99.9	99.9	35.7	74.
33.1	84.2	9972.0	275.0	-45.3	99.9	268.3	41.1	41.1	1.2	329.7	99.9	99.9	99.9	43.8	75.
35.0	88.8	10601.7	250.0	-50.1	99.9	264.6	46.8	46.6	4.4	331.7	99.9	99.9	99.9	48.9	77.
37.0	94.0	11281.5	225.0	-55.5	99.9	263.6	51.9	51.6	5.8	333.5	99.9	99.9	99.9	54.3	77.
39.5	99.2	12025.2	200.0	-59.5	99.9	261.5	47.2	46.7	7.0	336.6	99.9	99.9	99.9	61.5	78.
42.8	105.0	12862.2	175.0	-58.4	99.9	267.2	40.1*	40.1	1.9	353.6	99.9	99.9	99.9	68.9	78.
46.1	111.7	13828.0	150.0	-60.2	99.9	265.7	28.4*	28.3	2.1	366.3	99.9	99.9	99.9	75.7	79.
51.3	119.0	14970.8	125.0	-58.0	99.9	254.2	35.0*	33.7	9.5	389.9	99.9	99.9	99.9	87.4	79.
56.6	127.7	16367.2	100.0	-59.8	99.9	251.4	24.7*	23.5	7.9	412.3	99.9	99.9	99.9	95.1	78.
63.0	137.3	18141.7	75.0	-64.3	99.9	221.7	11.9*	7.9	8.9	438.1	99.9	99.9	99.9	101.0	77.
73.2	147.5	20666.8	50.0	-56.5	99.9	247.5	7.1	6.5	2.7	510.4	99.9	99.9	99.9	106.7	77.
89.6	158.3	25129.7	25.0	-50.0	99.9	328.4	4.5	2.3	-3.8	641.4	99.9	99.9	99.9	109.3	78.

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

STATION NO. 486
FORT TOTTEN, N Y

23 APRIL 1975
2315 GMT

151 21. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	8.0	1023.2	10.2	-3.5	999.9	99.9	99.9	99.9	281.9	289.6	2.9	38.0	999.9	999.
0.7	5.6	198.5	1000.0	8.8	-2.2	999.9	99.9	99.9	99.9	282.4	291.0	3.2	45.7	999.9	999.
1.4	7.7	407.4	975.0	7.1	-3.5	999.9	99.9	99.9	99.9	282.7	290.8	3.0	46.7	999.9	999.
2.2	9.9	621.0	950.0	7.7	-2.5	999.9	99.9	99.9	99.9	285.5	294.5	3.3	48.2	999.9	999.
3.0	11.9	840.8	925.0	7.1	3.2	999.9	99.9	99.9	99.9	287.3	301.2	5.3	76.8	999.9	999.
3.8	14.2	1066.3	900.0	6.8	4.8	999.9	99.9	99.9	99.9	289.3	305.2	6.0	87.3	999.9	999.
4.6	16.2	1297.9	875.0	6.9	0.5	999.9	99.9	99.9	99.9	291.5	303.9	4.5	63.7	999.9	999.
5.3	18.5	1536.2	850.0	6.6	-0.4	999.9	99.9	99.9	99.9	293.6	305.6	4.4	60.9	999.9	999.
6.2	20.7	1781.2	825.0	5.9	0.6	999.9	99.9	99.9	99.9	295.4	308.7	4.8	68.7	999.9	999.
7.0	23.0	2032.5	800.0	4.0	0.9	999.9	99.9	99.9	99.9	296.1	310.1	5.1	80.4	999.9	999.
7.8	25.3	2290.2	775.0	2.1	-2.2	999.9	99.9	99.9	99.9	296.6	308.3	4.2	73.6	999.9	999.
8.7	27.6	2554.3	750.0	0.1	0.0	999.9	99.9	99.9	99.9	297.3	311.5	5.1	99.7	999.9	999.
9.6	30.1	2825.1	725.0	-0.9	-18.1	999.9	99.9	99.9	99.9	298.7	302.5	1.3	25.5	999.9	999.
10.6	32.8	3104.1	700.0	-2.7	-21.0	999.9	99.9	99.9	99.9	299.6	302.8	1.0	22.9	999.9	999.
11.6	35.3	3392.0	675.0	-4.0	-10.6	999.9	99.9	99.9	99.9	301.4	308.9	2.5	60.2	999.9	999.
12.6	37.8	3689.8	650.0	-6.2	-8.0	999.9	99.9	99.9	99.9	302.3	311.7	3.2	87.9	999.9	999.
13.6	40.5	3994.8	625.0	-8.3	-12.3	999.9	99.9	99.9	99.9	303.2	310.3	2.4	73.2	999.9	999.
14.7	43.0	4310.3	600.0	-10.7	-16.7	999.9	99.9	99.9	99.9	303.9	309.2	1.7	60.9	999.9	999.
15.9	45.9	4636.0	575.0	-13.7	-20.9	999.9	99.9	99.9	99.9	304.1	308.0	1.3	54.4	999.9	999.
17.0	48.9	4972.6	550.0	-15.4	-17.1	999.9	99.9	99.9	99.9	306.0	311.5	1.8	87.4	999.9	999.
18.1	51.6	5323.5	525.0	-16.8	-18.7	999.9	99.9	99.9	99.9	308.4	313.6	1.7	85.0	999.9	999.
19.4	54.8	5688.4	500.0	-19.3	-22.4	999.9	99.9	99.9	99.9	309.6	313.6	1.3	76.1	999.9	999.
20.7	57.6	6068.1	475.0	-22.0	-25.9	999.9	99.9	99.9	99.9	310.8	313.9	1.0	70.3	999.9	999.
22.0	61.0	6463.8	450.0	-24.4	-39.7	999.9	99.9	99.9	99.9	312.6	313.5	0.3	22.4	999.9	999.
23.4	64.3	6878.8	425.0	-27.0	-33.8	999.9	99.9	99.9	99.9	314.4	316.2	0.5	52.1	999.9	999.
24.8	67.6	7314.1	400.0	-29.2	-33.1	999.9	99.9	99.9	99.9	317.1	319.0	0.6	68.7	999.9	999.
26.3	71.0	7773.0	375.0	-31.2	-35.2	999.9	99.9	99.9	99.9	320.2	322.0	0.5	67.8	999.9	999.
27.9	74.8	8258.7	350.0	-34.9	-39.4	999.9	99.9	99.9	99.9	321.6	322.9	0.3	63.0	999.9	999.
29.6	78.8	8770.6	325.0	-39.6	99.9	999.9	99.9	99.9	99.9	322.0	999.9	99.9	999.9	999.9	999.
31.4	82.7	9313.4	300.0	-43.9	99.9	999.9	99.9	99.9	99.9	323.5	999.9	99.9	999.9	999.9	999.
33.2	86.8	9891.7	275.0	-48.7	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999.
35.1	91.4	10510.4	250.0	-54.2	99.9	999.9	99.9	99.9	99.9	325.6	999.9	99.9	999.9	999.9	999.
37.5	96.2	11176.8	225.0	-60.0	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
39.9	101.3	11902.2	200.0	-65.8	99.9	999.9	99.9	99.9	99.9	328.6	999.9	99.9	999.9	999.9	999.
42.5	107.0	12706.6	175.0	-64.6	99.9	999.9	99.9	99.9	99.9	343.3	999.9	99.9	999.9	999.9	999.
45.7	113.0	13659.7	150.0	-58.5	99.9	999.9	99.9	99.9	99.9	369.3	999.9	99.9	999.9	999.9	999.
49.4	119.7	14806.0	125.0	-60.1	99.9	999.9	99.9	99.9	99.9	386.3	999.9	99.9	999.9	999.9	999.
53.8	127.3	16200.9	100.0	-59.5	99.9	999.9	99.9	99.9	99.9	412.8	999.9	99.9	999.9	999.9	999.
59.3	135.5	17922.6	75.0	-61.6	99.9	999.9	99.9	99.9	99.9	443.9	999.9	99.9	999.9	999.9	999.
67.1	143.3	20531.7	50.0	-57.5	99.9	999.9	99.9	99.9	99.9	508.1	999.9	99.9	999.9	999.9	999.
81.0	151.7	24968.6	25.0	-52.5	99.9	999.9	99.9	99.9	99.9	634.3	999.9	99.9	999.9	999.9	999.

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

STATION NO. 518
ALBANY, N Y

23 APRIL 1975
2315 GMT

140 83. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	86.0	1010.3	16.7	0.4	150.0	4.2	-2.1	3.6	289.5	300.1	3.9	33.0	0.0	0.
0.3	5.4	173.4	1000.0	16.7	-2.5	162.2	8.8	-2.7	8.4	290.3	299.2	3.2	26.8	0.2	337.
1.2	7.6	388.1	975.0	15.2	-4.6	165.2	9.9	-2.5	9.5	290.8	298.6	2.8	25.1	0.5	341.
2.0	10.0	607.0	950.0	13.2	-6.3	167.8	10.9	-2.3	10.6	290.9	298.0	2.5	25.2	1.0	345.
2.7	12.1	830.3	925.0	11.4	-7.1	164.4	13.4	-3.6	12.9	291.3	298.1	2.4	26.6	1.6	345.
3.4	14.5	1058.3	900.0	9.5	-7.7	164.4	12.1	-3.2	11.6	291.6	298.3	2.4	28.8	2.2	344.
4.4	16.8	1290.9	875.0	7.4	-7.4	171.1	8.4	-1.3	8.3	291.8	298.8	2.5	34.2	2.8	345.
5.3	19.3	1528.7	850.0	5.4	-7.8	177.3	7.0	-0.3	7.0	292.1	299.2	2.5	37.7	3.2	346.
6.3	21.7	1771.6	825.0	3.3	-8.4	192.6	6.1	1.3	5.9	292.4	299.3	2.5	41.9	3.5	348.
7.3	24.4	2020.3	800.0	1.3	-9.3	211.5	5.7	3.0	4.9	292.8	299.6	2.4	45.1	3.8	351.
8.2	26.9	2275.4	775.0	0.8	-12.9	247.8	7.6	7.1	2.9	294.9	300.3	1.8	35.1	4.0	355.
9.1	29.7	2539.0	750.0	0.9	-14.1	264.7	10.3	10.3	1.0	297.8	302.8	1.7	31.5	4.1	2.
10.0	32.4	2810.8	725.0	-0.3	-15.3	278.2	11.5	11.4	-1.6	299.3	304.1	1.6	31.4	4.2	11.
11.0	35.3	3090.7	700.0	-2.2	-16.3	282.9	10.6	10.4	-2.4	300.2	304.9	1.5	33.4	4.2	21.
11.9	38.0	3378.3	675.0	-4.5	-18.0	286.9	10.7	10.3	-3.1	300.7	304.9	1.4	34.0	4.3	27.
12.8	40.7	3674.2	650.0	-7.3	-9.2	290.1	13.2	12.4	-4.6	301.1	309.6	2.9	86.7	4.4	36.
13.9	43.6	3979.2	625.0	-8.8	-8.8	287.1	15.6	14.9	-4.6	302.7	311.9	3.1	100.0	4.8	47.
15.1	46.8	4294.5	600.0	-10.9	-11.2	280.2	17.5	17.3	-3.1	303.8	311.8	2.7	97.4	5.5	57.
16.3	50.0	4620.8	575.0	-12.5	-13.4	276.9	21.3	21.1	-2.6	305.6	312.7	2.4	92.8	6.6	65.
17.5	53.0	4959.5	550.0	-14.3	-15.6	276.6	21.1	20.9	-2.4	307.3	313.6	2.1	89.7	8.0	71.
18.9	56.1	5310.7	525.0	-16.9	-18.7	276.8	18.2	18.1	-2.2	308.3	313.5	1.7	85.7	9.6	76.
20.3	59.6	5675.6	500.0	-19.5	-21.5	279.2	20.0	19.8	-3.2	309.4	313.7	1.4	83.6	10.9	79.
21.7	63.0	6055.2	475.0	-21.7	-24.3	270.9	17.6	17.6	-0.3	311.3	314.8	1.1	79.1	12.5	81.
23.1	66.4	6451.4	450.0	-24.4	-27.6	266.0	20.0	19.9	1.4	312.6	315.4	0.9	74.7	14.0	82.
24.7	70.1	6865.3	425.0	-27.7	-30.9	268.0	22.6	22.6	0.8	313.6	315.8	0.7	73.6	16.0	82.
26.1	73.6	7300.3	400.0	-29.1	-32.1	268.4	26.8	26.8	0.8	317.2	319.4	0.6	74.6	18.3	83.
27.8	77.7	7758.9	375.0	-32.5	-36.1	271.4	28.3	28.3	-0.7	318.5	320.1	0.5	70.3	21.0	84.
29.5	81.5	8242.0	350.0	-35.9	-39.4	281.7	34.8	34.1	-7.1	320.3	321.5	0.3	69.8	24.1	85.
31.3	85.6	8751.7	325.0	-40.9	99.9	289.3	33.8	31.9	-11.2	320.4	999.9	99.9	999.9	27.7	88.
33.4	90.0	9291.3	300.0	-44.7	99.9	292.3	32.8	30.4	-12.4	322.3	999.9	99.9	999.9	31.5	91.
35.2	94.6	9867.9	275.0	-49.4	99.9	301.7	36.7	31.2	-19.3	323.7	999.9	99.9	999.9	35.2	94.
37.5	99.4	10485.2	250.0	-54.9	99.9	297.8	45.4	40.2	-21.2	324.5	999.9	99.9	999.9	39.9	97.
39.7	104.4	11150.1	225.0	-60.6	99.9	297.6	46.2	41.0	-21.4	325.7	999.9	99.9	999.9	45.7	100.
42.2	110.0	11871.8	200.0	-67.0	99.9	298.1	48.5	42.8	-22.9	326.6	999.9	99.9	999.9	52.8	102.
45.1	115.9	12675.3	175.0	-64.3	99.9	304.4	42.1	34.7	-23.8	343.8	999.9	99.9	999.9	60.4	105.
48.8	122.3	13641.1	150.0	-55.4	99.9	301.0	26.5	22.7	-13.6	374.7	999.9	99.9	999.9	67.7	106.
52.4	129.7	14802.9	125.0	-58.1	99.9	301.7	25.7	21.8	-13.5	389.7	999.9	99.9	999.9	73.0	104.
57.2	137.5	16204.7	100.0	-58.8	99.9	326.3	24.3	13.5	-20.2	414.2	999.9	99.9	999.9	80.7	110.
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	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9

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

56

STATION NO. 520
PITTSBURG, PA

23 APRIL 1975
2315 GMT

147 38. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	359.0	971.9	19.3	5.0	215.0	15.3	8.8	12.5	295.6	311.0	5.6	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	8.7	554.6	950.0	18.1	4.5	212.7	23.3	12.6	19.6	296.3	311.6	5.6	40.8	0.4	36.
1.3	10.6	782.0	925.0	15.8	4.0	208.4	24.4	11.6	21.4	296.2	311.3	5.5	45.4	1.8	33.
2.1	12.7	1013.8	900.0	13.5	2.9	206.3	22.2	9.8	19.9	296.1	310.5	5.2	48.6	3.0	31.
3.1	14.9	1249.6	875.0	10.2	1.9	207.5	24.1	11.1	21.4	295.1	308.8	5.0	56.0	4.2	29.
3.9	16.9	1490.3	850.0	8.4	1.4	209.5	23.7	11.7	20.6	295.6	309.3	5.0	61.1	5.5	29.
4.6	19.2	1736.6	825.0	6.6	1.4	209.1	23.0	11.2	20.1	296.2	310.3	5.1	69.5	6.4	29.
5.2	21.3	1988.7	800.0	4.5	0.8	208.6	22.0	10.5	19.3	296.6	310.7	5.1	77.1	7.3	29.
6.0	23.6	2246.4	775.0	1.8	0.3	210.9	24.1	12.4	20.7	296.3	310.3	5.1	90.3	8.3	29.
6.7	25.8	2510.1	750.0	-0.4	-0.5	209.6	24.8	12.2	21.5	296.8	310.3	4.9	99.0	9.4	29.
7.9	28.2	2781.0	725.0	-2.0	-2.0	211.0	27.0	13.9	23.1	297.8	310.5	4.6	99.7	11.2	29.
8.8	30.7	3060.2	700.0	-2.7	-2.8	218.4	27.7	17.2	21.7	300.0	312.6	4.5	99.6	12.7	30.
9.8	32.2	3348.7	675.0	-3.2	-3.3	230.2	28.4	21.8	18.2	302.6	315.3	4.5	99.5	14.3	31.
10.7	35.7	3647.9	650.0	-3.8	-3.8	240.9	31.1	27.2	15.1	305.3	318.0	4.4	99.5	15.7	34.
11.7	38.2	3957.2	625.0	-5.3	-5.4	251.7	32.0	30.4	10.1	306.9	318.9	4.1	99.3	17.6	37.
12.9	40.8	4277.9	600.0	-6.3	-6.4	263.0	29.6	29.6	3.6	309.3	321.0	4.0	99.1	19.3	42.
14.1	43.5	4610.3	575.0	-7.8	-8.0	259.8	31.0	30.5	5.5	311.3	322.2	3.7	98.9	20.9	46.
15.3	46.4	4955.5	550.0	-9.4	-9.6	258.7	31.7	31.1	6.2	313.3	323.5	3.4	98.7	22.9	49.
16.6	49.4	5314.2	525.0	-11.3	-11.6	262.6	29.2	29.0	3.7	315.1	324.3	3.0	97.6	25.0	52.
17.9	52.3	5687.8	500.0	-13.3	-13.7	262.2	32.0	31.7	4.3	317.1	325.3	2.6	96.7	26.9	54.
19.1	55.3	6077.4	475.0	-15.4	-15.9	264.7	32.5	32.4	3.0	319.2	326.6	2.3	95.8	29.0	56.
20.4	58.4	6484.2	450.0	-18.1	-18.8	270.0	28.6	28.6	-0.0	320.7	326.9	1.9	94.3	31.2	59.
21.8	61.8	6909.1	425.0	-21.1	-22.1	266.5	29.1	29.0	1.8	322.1	327.1	1.5	91.6	33.2	61.
23.2	65.2	7353.8	400.0	-24.8	-26.2	266.6	29.3	29.3	1.7	322.8	326.5	1.1	88.6	35.4	62.
24.8	68.7	7819.7	375.0	-28.8	-30.8	266.5	29.5	29.5	1.8	323.5	326.2	0.8	82.5	38.1	64.
26.4	72.3	8309.8	350.0	-32.7	-35.1	270.9	29.5	29.5	-0.5	324.6	326.5	0.5	79.0	40.5	66.
28.1	76.3	8827.0	325.0	-37.1	-39.6	268.0	36.0	36.0	1.3	325.5	326.9	0.4	77.4	43.6	69.
29.9	80.4	9375.0	300.0	-42.0	-42.0	276.1	29.0	28.8	-3.1	326.2	999.9	99.9	99.9	46.8	69.
31.8	84.8	9956.9	275.0	-47.6	-47.6	272.4	31.8	31.7	-1.3	326.2	999.9	99.9	99.9	49.7	71.
33.8	89.2	10579.2	250.0	-52.9	-52.9	274.2	35.3	35.2	-2.6	327.4	999.9	99.9	99.9	53.6	73.
35.8	94.4	11249.2	225.0	-59.1	-59.1	270.8	34.2	34.2	-0.5	327.9	999.9	99.9	99.9	57.3	74.
37.8	99.5	11978.7	200.0	-64.5	-64.5	268.2	36.5	36.5	1.1	330.7	999.9	99.9	99.9	61.6	75.
40.2	105.3	12791.3	175.0	-64.9	-64.9	280.0	40.4	39.8	-7.1	342.9	999.9	99.9	99.9	67.0	77.
43.0	111.7	13756.8	150.0	-58.0	-58.0	297.6	32.2	28.5	-14.9	370.2	999.9	99.9	99.9	72.7	79.
46.6	119.0	14903.1	125.0	-57.6	-57.6	295.8	26.4	23.8	-11.5	390.7	999.9	99.9	99.9	78.0	82.
51.1	127.5	16299.1	100.0	-62.0	-62.0	289.8	28.3	26.6	-9.6	407.9	999.9	99.9	99.9	86.0	84.
56.5	137.0	18072.5	75.0	-62.7	-62.7	286.1	17.9	17.2	-5.0	441.5	999.9	99.9	99.9	90.9	86.
64.5	147.5	20609.3	50.0	-57.4	-57.4	38.6	4.3	-2.7	-3.4	508.4	999.9	99.9	99.9	93.3	87.
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. 528
BUFFALO, N Y

23 APRIL 1975
2115 GMT

138 55. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	218.0	985.8	18.9	7.7	210.0	7.3	3.6	6.3	294.1	312.1	6.7	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	6.5	312.6	975.0	18.9	1.3	182.6	12.3	0.5	12.3	294.8	306.7	4.3	30.8	0.3	2.
1.1	8.5	534.8	950.0	17.1	-0.0	182.6	12.4	0.6	12.4	295.1	306.2	4.0	31.3	0.7	2.
1.7	10.6	761.6	925.0	15.6	1.2	190.4	10.9	2.0	10.8	295.8	308.3	4.5	37.8	1.2	3.
2.5	12.6	993.1	900.0	13.6	0.7	203.8	12.3	5.0	11.3	296.2	308.6	4.5	41.2	1.6	7.
3.1	14.8	1229.6	875.0	11.7	-0.4	208.8	15.6	7.5	13.7	296.5	308.3	4.2	43.2	2.2	12.
4.0	16.8	1471.0	850.0	9.2	-0.9	214.4	17.4	9.8	14.4	296.3	308.1	4.2	49.3	3.0	18.
4.9	19.1	1717.5	825.0	6.8	-1.5	219.2	17.9	11.3	13.8	296.3	307.9	4.2	55.5	4.0	22.
6.0	21.2	1969.5	800.0	4.7	-1.3	217.1	18.0	10.8	14.4	296.8	308.9	4.4	64.9	5.1	27.
6.8	23.5	2227.4	775.0	2.3	-1.3	220.0	19.3	12.4	14.8	296.9	309.3	4.5	76.8	6.0	28.
7.5	25.7	2491.7	750.0	0.1	-1.3	220.1	20.2	13.0	15.5	297.3	310.2	4.6	90.2	6.8	30.
8.2	28.1	2762.5	725.0	-2.1	-2.2	220.2	20.8	13.4	15.9	297.7	310.2	4.5	99.2	7.7	31.
8.9	30.5	3040.9	700.0	-3.9	-3.9	219.7	20.9	13.4	16.1	298.7	310.3	4.1	100.3	8.5	32.
9.7	33.0	3327.6	675.0	-5.1	-5.1	220.2	21.0	13.6	16.1	300.4	311.5	3.9	100.1	9.5	33.
10.4	35.4	3624.3	650.0	-6.2	-6.2	222.5	21.6	14.6	15.9	302.4	313.0	3.7	100.3	10.4	33.
11.3	37.9	3930.3	625.0	-8.3	-8.3	222.9	23.6	16.1	17.3	303.4	313.0	3.3	101.3	11.5	34.
12.3	40.5	4246.4	600.0	-10.3	-10.3	225.1	28.3	20.1	20.0	304.6	313.2	2.9	101.0	13.0	35.
13.2	43.2	4574.4	575.0	-10.4	-10.4	235.6	28.7	23.7	16.2	308.2	317.2	3.0	101.0	14.7	37.
14.1	46.0	4916.7	550.0	-11.1	-11.1	253.1	23.9	22.9	6.9	311.3	320.3	3.0	100.9	16.0	39.
15.3	49.0	5273.7	525.0	-12.6	-12.9	265.5	22.2	22.1	1.7	313.5	321.8	2.7	97.8	17.2	43.
16.3	51.8	5644.9	500.0	-14.8	-15.2	264.1	20.0	19.9	2.0	315.2	322.5	2.3	97.2	18.2	46.
17.3	54.8	6031.6	475.0	-17.4	-17.8	258.8	17.8	17.5	3.5	316.6	322.9	2.0	96.5	19.1	49.
18.5	57.9	6434.7	450.0	-20.2	-20.8	263.8	20.0	19.8	2.2	318.0	323.1	1.6	94.8	20.2	50.
19.6	61.1	6855.4	425.0	-24.1	-27.1	275.7	20.0	19.9	-2.0	318.1	321.3	1.0	76.6	21.3	52.
21.1	64.6	7295.8	400.0	-26.7	-33.2	274.6	24.0	23.9	-1.9	320.4	322.3	0.6	53.6	22.6	55.
22.5	67.9	7758.6	375.0	-30.2	-37.1	275.9	25.4	25.3	-2.6	321.6	323.1	0.4	50.6	24.6	59.
24.0	71.3	8246.0	350.0	-33.7	-39.8	283.1	25.0	24.3	-5.6	323.2	324.4	0.3	53.7	26.2	62.
25.6	75.3	8761.2	325.0	-37.8	-43.4	279.2	25.9	25.6	-4.1	324.5	325.4	0.2	55.3	27.9	65.
27.0	79.3	9307.4	300.0	-42.4	99.9	266.5	30.0	30.0	1.8	325.7	999.9	99.9	999.9	30.2	67.
28.7	83.4	9889.1	275.0	-47.5	99.9	263.8	34.2	34.0	3.7	326.5	999.9	99.9	999.9	33.3	69.
30.7	87.8	10511.5	250.0	-52.8	99.9	261.9	38.7	36.3	5.4	327.6	999.9	99.9	999.9	37.6	70.
33.1	92.6	11182.7	225.0	-58.4	99.9	263.0	43.6	43.3	5.3	329.0	999.9	99.9	999.9	43.2	72.
35.6	97.6	11913.4	200.0	-64.1	99.9	265.0	38.1	38.0	3.4	331.3	999.9	99.9	999.9	49.8	73.
38.0	103.0	12734.3	175.0	-62.2	99.9	278.8	33.1	32.7	-5.1	347.3	999.9	99.9	999.9	54.4	75.
41.3	109.5	13694.8	150.0	-60.1	99.9	280.9	26.3	25.8	-5.0	366.6	999.9	99.9	999.9	59.4	78.
45.3	116.0	14842.8	125.0	-57.0	99.9	280.5	37.6	37.0	-6.9	391.8	999.9	99.9	999.9	66.3	80.
50.7	124.3	16268.0	100.0	-55.9	99.9	298.9	27.5	24.1	-13.3	419.7	999.9	99.9	999.9	74.5	84.
56.8	133.5	18068.9	75.0	-61.2	99.9	303.6	14.8	12.3	-8.2	444.5	999.9	99.9	999.9	80.5	87.
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. 532
 PEORIA, ILL.

23 APRIL 1975
 2315 GMT

153 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	200.0	983.4	20.6	16.2	180.0	7.3	0.0	7.3	296.8	328.1	11.9	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	8.3	274.5	975.0	20.9	16.6	198.5	14.8	4.7	14.0	297.9	330.3	12.3	76.0	0.3	11.
1.1	10.5	499.1	950.0	18.7	15.9	203.9	14.9	6.0	13.6	297.8	329.6	12.1	83.5	0.8	16.
1.8	12.5	727.9	925.0	16.7	14.9	212.5	15.9	8.6	13.4	297.9	328.7	11.6	89.2	1.4	22.
2.5	14.9	961.0	900.0	14.7	13.5	222.6	16.2	10.9	11.9	298.1	327.1	10.9	92.9	2.1	26.
3.3	17.0	1199.5	875.0	13.3	12.3	234.2	16.5	13.4	9.7	299.0	326.6	10.3	93.6	2.8	33.
4.2	19.4	1443.9	850.0	12.2	10.9	243.0	14.3	12.7	6.5	300.2	326.4	9.7	92.0	3.6	39.
5.0	21.6	1694.2	825.0	10.7	8.7	241.3	16.3	14.3	7.8	301.1	324.6	8.6	87.4	4.3	43.
5.5	24.1	1950.6	800.0	9.2	7.8	240.3	15.0	13.0	7.4	302.0	325.0	8.4	91.5	4.9	45.
6.5	26.4	2213.7	775.0	7.5	6.1	236.3	14.0	11.6	7.8	302.9	324.0	7.7	90.7	5.6	47.
7.4	28.9	2483.6	750.0	6.1	4.1	233.3	12.6	10.1	7.6	304.1	323.3	6.9	87.1	6.3	48.
8.1	31.5	2761.2	725.0	4.3	2.7	230.6	11.3	8.7	7.2	305.1	323.2	6.5	89.3	6.9	48.
9.1	34.1	3046.4	700.0	2.7	-0.3	231.4	12.2	9.5	7.6	306.2	321.5	5.4	80.5	7.5	48.
10.0	36.6	3341.0	675.0	2.1	-12.1	239.5	15.9	13.7	8.1	308.2	315.1	2.3	34.6	8.2	48.
10.9	39.3	3644.6	650.0	0.4	-19.4	244.1	20.0	18.0	8.8	309.6	313.5	1.3	20.9	9.2	50.
11.9	41.9	3957.6	625.0	-2.2	-21.4	244.8	21.8	19.7	9.3	310.1	313.6	1.1	21.1	10.4	52.
12.9	44.8	4280.1	600.0	-5.1	-21.2	246.6	20.6	18.9	8.2	310.3	314.0	1.2	27.0	11.7	53.
14.0	47.8	4612.3	575.0	-8.5	-20.7	246.2	20.3	18.6	8.2	310.2	314.2	1.3	36.4	13.0	55.
14.8	50.6	4955.2	550.0	-11.7	-20.5	247.6	19.8	18.3	7.5	310.4	314.7	1.4	47.7	14.0	55.
15.8	53.6	5309.3	525.0	-15.3	-20.4	248.8	21.0	19.6	7.6	310.2	314.7	1.4	64.6	15.1	57.
16.9	56.5	5675.6	500.0	-18.5	-21.2	249.7	22.0	20.6	7.6	310.6	315.0	1.4	79.7	16.6	58.
18.4	59.8	6056.3	475.0	-21.3	-26.2	251.4	24.2	22.9	7.7	311.7	314.7	0.9	64.7	18.5	59.
19.9	63.1	6452.7	450.0	-24.5	-29.2	250.8	21.2	20.0	7.0	312.5	315.0	0.7	64.3	20.5	60.
21.2	66.4	6866.4	425.0	-27.8	-32.7	248.7	24.9	23.2	9.1	313.4	315.3	0.6	62.8	22.1	61.
22.6	70.0	7299.4	400.0	-30.6	-34.5	251.3	30.9	29.3	9.9	315.3	317.0	0.5	67.9	24.6	62.
24.2	73.5	7755.6	375.0	-33.7	-38.5	263.1	26.9	26.7	3.2	317.0	318.2	0.4	61.3	27.4	64.
25.6	77.4	8236.1	350.0	-36.8	-40.6	261.6	28.9	28.6	4.2	319.0	320.1	0.3	67.3	29.5	65.
27.1	81.3	8746.0	325.0	-40.2	99.9	269.0	30.1	30.1	0.5	321.3	999.9	99.9	999.9	31.9	66.
28.7	85.3	9288.7	300.0	-43.1	99.9	270.2	31.8	31.8	-0.1	324.6	999.9	99.9	999.9	34.8	68.
30.6	89.5	9869.5	275.0	-47.6	99.9	273.6	36.9	36.8	-2.3	326.3	999.9	99.9	999.9	38.6	71.
32.8	94.3	10491.8	250.0	-53.2	99.9	279.4	41.3	40.8	-6.7	327.0	999.9	99.9	999.9	43.2	74.
35.2	99.2	11161.7	225.0	-58.7	99.9	270.1	39.1	39.1	-0.1	328.6	999.9	99.9	999.9	48.3	76.
37.5	104.3	11896.4	200.0	-61.2	99.9	264.2	44.3	44.1	4.5	335.9	999.9	99.9	999.9	54.3	77.
40.9	110.2	12733.8	175.0	-56.0	99.9	260.3	44.2	43.6	7.5	357.4	999.9	99.9	999.9	62.5	78.
44.9	116.3	13713.9	150.0	-54.6	99.9	270.8	42.8	42.8	-0.6	376.0	999.9	99.9	999.9	71.1	79.
49.7	123.7	14867.9	125.0	-58.2	99.9	265.9	37.5*	37.4	2.7	389.6	999.9	99.9	999.9	80.8	81.
55.6	131.3	16276.4	100.0	-57.1	99.9	266.1	24.0*	23.9	1.6	417.4	999.9	99.9	999.9	91.9	81.
62.3	139.7	18052.6	75.0	-66.4	99.9	299.3	12.7*	11.1	-6.2	433.7	999.9	99.9	999.9	99.4	82.
72.4	148.3	20571.2	50.0	-58.4	99.9	259.7	9.3	9.2	1.7	505.9	999.9	99.9	999.9	102.7	83.
89.3	157.7	24990.9	25.0	-53.2	99.9	300.3	6.2	5.4	-3.1	632.1	999.9	99.9	999.9	105.0	84.

* BY SPEED MEANS ELEVATION 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. 553
GMAHA, NEB

23 APRIL 1975
2315 GMT

163 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	400.0	959.0	19.0	14.5	20.0	4.2	-1.4	-3.9	297.1	325.9	10.9	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	8.6	481.3	950.0	18.4	14.4	999.9	99.9	99.9	99.9	297.3	326.2	10.9	77.7	999.9	999.
1.1	10.6	709.5	925.0	15.8	14.1	999.9	99.9	99.9	99.9	297.0	326.2	11.1	89.8	999.9	999.
2.1	12.6	942.2	900.0	14.5	10.6	30.1	6.1	-3.0	-5.2	297.7	321.8	9.0	77.9	0.7	206.
2.9	14.9	1180.7	875.0	16.1	8.0	18.9	3.6	-1.2	-3.4	301.6	322.8	7.7	58.5	1.0	205.
3.9	16.9	1427.1	850.0	15.4	-0.3	10.3	3.1	-0.6	-3.1	302.9	315.5	4.4	34.3	1.1	205.
4.9	19.2	1679.2	825.0	13.6	-1.1	339.2	5.6	2.0	-5.2	303.5	315.8	4.3	36.2	1.3	199.
5.9	21.4	1937.7	800.0	12.2	-4.2	318.3	6.8	4.5	-5.1	304.6	314.8	3.5	31.4	1.7	188.
6.9	23.9	2202.9	775.0	10.8	-5.3	293.2	7.6	7.0	-3.0	305.9	315.6	3.3	31.7	1.9	176.
7.9	26.0	2474.9	750.0	8.5	-7.4	295.5	7.9	7.2	-3.4	306.2	314.9	2.9	31.7	2.2	165.
8.9	28.5	2753.9	725.0	5.9	-8.8	294.2	7.7	7.0	-3.2	306.3	314.4	2.7	33.6	2.5	157.
10.0	31.1	3040.1	700.0	3.7	-10.0	295.2	7.4	6.7	-3.2	306.9	314.5	2.5	35.8	2.9	149.
11.2	33.7	3334.2	675.0	1.4	-10.9	281.5	8.1	7.9	-1.6	307.5	314.9	2.5	39.4	3.3	145.
12.3	36.2	3636.7	650.0	-1.0	-11.8	266.2	12.0	12.0	0.8	308.2	315.4	2.4	43.6	3.7	137.
13.4	38.9	3948.4	625.0	-3.6	-11.8	255.3	14.5	14.0	3.7	308.7	316.1	2.5	52.7	4.3	127.
14.6	41.6	4269.6	600.0	-6.5	-12.9	249.5	16.1	15.1	5.6	308.9	316.0	2.4	60.3	5.0	116.
15.8	44.4	4600.6	575.0	-9.6	-14.0	245.8	17.6	16.1	7.2	309.0	315.9	2.3	70.1	5.9	107.
17.1	47.4	4942.5	550.0	-11.9	-20.1	246.9	20.0	18.4	7.8	310.1	314.5	1.4	50.5	7.1	99.
18.5	50.4	5296.8	525.0	-14.8	-27.0	251.5	19.8	18.8	6.3	310.7	313.3	0.8	34.3	8.6	93.
19.9	53.5	5663.8	500.0	-18.1	-29.6	259.9	20.2	19.9	3.5	311.1	313.2	0.6	35.3	10.1	90.
21.3	56.5	6045.1	475.0	-20.5	-33.1	266.8	21.5	21.5	1.2	312.6	314.3	0.5	31.1	12.0	90.
22.9	60.0	6443.1	450.0	-23.2	-40.1	265.6	23.9	23.8	1.8	314.1	315.0	0.3	19.4	14.0	89.
24.6	63.4	6859.1	425.0	-26.5	-43.9	262.1	24.2	24.0	3.3	315.0	315.6	0.2	17.5	16.4	88.
26.2	66.9	7295.4	400.0	-28.6	-46.1	265.1	28.7	28.6	2.5	317.8	318.3	0.1	16.6	19.1	88.
28.1	70.6	7754.2	375.0	-32.4	-48.4	268.7	33.3	33.3	0.8	318.7	319.2	0.1	18.3	22.5	88.
29.9	74.6	8237.1	350.0	-36.0	-48.5	263.8	36.2	36.0	3.9	320.2	320.7	0.1	26.0	26.3	87.
31.8	78.7	8748.0	325.0	-39.9	-99.9	265.5	38.2	38.1	3.0	321.7	999.9	99.9	999.9	30.6	87.
33.8	82.8	9299.1	300.0	-44.5	99.9	262.1	43.6	43.2	6.0	322.6	999.9	99.9	999.9	35.4	87.
36.1	87.4	9866.6	275.0	-49.0	99.9	262.7	45.3	44.9	5.6	324.3	999.9	99.9	999.9	41.4	86.
38.3	92.4	10485.6	250.0	-53.5	99.9	262.1	50.1	49.6	6.9	326.5	999.9	99.9	999.9	47.8	85.
40.6	97.5	11159.0	225.0	-56.6	99.9	261.6	49.3	48.8	7.2	331.8	999.9	99.9	999.9	54.8	85.
43.4	103.2	11902.2	200.0	-58.7	99.9	262.4	47.5*	47.1	6.3	339.9	999.9	99.9	999.9	63.2	84.
46.4	109.5	12743.8	175.0	-57.2	99.9	261.3	47.4*	46.8	7.2	355.5	999.9	99.9	999.9	71.3	84.
50.2	116.3	13720.4	150.0	-56.5	99.9	251.9	41.2*	39.2	12.8	372.8	999.9	99.9	999.9	79.9	83.
54.3	124.3	14879.9	125.0	-57.4	99.9	249.1	41.1*	38.4	14.7	391.1	999.9	99.9	999.9	90.2	82.
59.0	133.0	16290.8	100.0	-57.0	99.9	234.8	32.6*	26.6	18.8	417.6	999.9	99.9	999.9	99.7	81.
65.4	143.0	18056.6	75.0	-60.3	99.9	330.0	8.8*	4.4	-7.7	446.5	999.9	99.9	999.9	109.5	80.
73.0	153.7	20655.9	50.0	-54.5	99.9	215.6	9.4*	5.5	7.7	515.1	999.9	99.9	999.9	110.8	80.
85.8	166.5	25138.3	25.0	-50.3	99.9	50.4	6.1	-4.7	-3.9	640.3	999.9	99.9	999.9	108.6	80.

* BY SPEED MEANS ELEVATION 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. 562
NORTH PLATTE, NEB

23 APRIL 1975
2315 GMT

147 10. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	847.0	908.2	23.9	6.2	120.0	7.2	-6.2	3.6	306.2	324.8	6.6	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.
0.2	15.0	926.0	900.0	22.0	8.5	999.9	99.9	99.9	99.9	305.3	327.0	7.8	41.9	999.9	999.
1.3	17.2	1169.4	875.0	19.3	6.9	999.9	99.9	99.9	99.9	304.8	324.8	7.2	44.5	999.9	999.
2.1	19.6	1417.9	850.0	17.2	7.0	135.8	6.9	-4.8	5.0	305.1	325.9	7.4	51.1	1.1	314.
2.8	21.8	1671.7	825.0	14.7	5.5	146.0	6.9	-3.9	5.8	305.1	324.5	6.9	54.0	1.4	316.
3.7	24.3	1931.3	800.0	12.3	4.0	149.0	4.5	-2.3	3.9	305.1	323.1	6.4	56.8	1.7	318.
4.5	26.7	2196.5	775.0	10.0	2.7	167.9	5.6	-1.2	5.5	305.4	322.4	6.0	60.5	1.9	320.
5.2	29.3	2468.2	750.0	7.4	1.5	190.9	5.3	1.0	5.2	305.4	321.6	5.7	65.9	2.1	324.
6.0	31.9	2746.3	725.0	4.9	0.4	213.5	5.3	2.9	4.4	305.5	321.0	5.4	72.5	2.3	310.
6.9	34.6	3031.6	700.0	2.0	-1.1	229.5	4.8	3.6	3.1	305.4	319.9	5.1	79.8	2.3	336.
7.8	37.1	3324.5	675.0	-0.2	-1.8	248.0	6.6	6.1	2.5	306.0	320.4	5.0	89.2	2.4	342.
8.9	39.9	3625.6	650.0	-2.6	-6.4	253.0	9.2	8.8	2.7	306.5	317.2	3.7	74.9	2.4	354.
10.0	42.4	3936.1	625.0	-4.6	-12.1	252.4	11.5	11.0	3.5	307.5	314.8	2.4	55.6	2.7	10.
11.5	45.4	4250.0	600.0	-7.4	-14.2	248.9	13.1	12.2	4.7	307.8	314.2	2.1	57.9	3.3	26.
12.7	48.4	4585.9	575.0	-9.9	-18.5	250.1	13.6	12.8	4.6	308.6	313.5	1.6	49.6	4.2	36.
14.0	51.3	4927.5	550.0	-12.2	-25.1	252.2	14.2	13.5	4.4	309.6	312.5	0.9	33.2	5.0	43.
15.1	54.4	5282.1	525.0	-13.9	-35.3	253.5	14.8	14.2	4.2	311.7	312.9	0.4	14.4	6.0	48.
16.5	57.4	5551.2	500.0	-15.7	-34.4	259.6	14.6	14.4	2.6	313.9	315.3	0.4	18.5	7.0	52.
17.9	60.6	6036.1	475.0	-18.2	-32.4	258.7	14.3	14.0	2.8	315.4	317.2	0.5	27.5	8.1	57.
19.4	64.0	6437.2	450.0	-21.1	-37.1	256.4	15.4	15.0	3.6	316.7	317.9	0.3	22.1	9.3	59.
21.0	67.4	6856.3	425.0	-24.6	-36.1	262.0	17.9	17.7	2.5	317.5	318.9	0.4	33.1	10.9	62.
22.6	70.8	7294.7	400.0	-28.1	-38.3	262.8	21.0	20.9	2.6	318.4	319.6	0.3	36.5	12.6	65.
24.3	74.3	7754.7	375.0	-31.8	-41.7	261.5	22.0	21.8	3.3	319.5	320.4	0.3	36.2	14.7	53.
26.1	78.3	8238.3	350.0	-36.1	-46.6	259.9	23.0	22.6	4.0	320.0	320.6	0.2	32.7	17.2	70.
27.9	82.0	8747.9	325.0	-40.3	99.9	255.7	27.0	26.2	6.7	321.1	999.9	99.9	999.9	19.7	71.
29.9	86.2	9288.1	300.0	-45.2	99.9	250.5	29.2	27.5	9.7	321.7	999.9	99.9	999.9	23.2	71.
31.7	90.6	9862.9	275.0	-50.2	99.9	246.9	33.6	30.9	13.2	322.6	999.9	99.9	999.9	26.6	71.
33.6	95.3	10478.0	250.0	-55.6	99.9	244.4	37.5	33.8	16.2	323.4	999.9	99.9	999.9	30.5	70.
35.7	100.0	11140.3	225.0	-60.0	99.9	247.2	36.6	33.8	14.2	326.6	999.9	99.9	999.9	35.1	69.
38.6	105.3	11875.2	200.0	-60.2	99.9	248.1	32.9	30.5	12.2	337.5	999.9	99.9	999.9	41.8	69.
41.4	110.8	12713.6	175.0	-57.2	99.9	248.9	36.7	34.3	13.2	355.5	999.9	99.9	999.9	47.8	69.
44.6	117.0	13686.6	150.0	-57.4	99.9	249.1	29.3	27.4	10.5	371.3	999.9	99.9	999.9	54.1	69.
48.5	124.0	14844.1	125.0	-54.2	99.9	245.4	26.8	24.4	11.1	356.9	999.9	99.9	999.9	61.6	69.
53.0	131.3	16266.5	100.0	-58.1	99.9	245.9	26.6	24.3	10.8	415.6	999.9	99.9	999.9	69.2	69.
59.4	139.0	18095.1	75.0	-58.2	99.9	235.1	20.3	16.7	11.6	450.8	999.9	99.9	999.9	79.3	67.
67.5	147.0	20640.1	50.0	-56.8	99.9	242.8	4.0	3.6	1.8	509.5	999.9	99.9	999.9	81.3	67.
80.3	155.0	25110.0	25.0	-50.2	99.9	276.1	2.5	2.5	-0.3	640.3	999.9	99.9	999.9	84.8	67.

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

STATION NO. 606
PORTLAND, ME

23 APRIL 1975
2315 GMT

166 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 CCOMP 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	20.0	1021.4	9.4	-2.8	190.0	6.2	1.1	6.1	281.2	289.3	3.0	42.0	0.0	0.
0.6	6.2	195.9	1000.0	10.0	-4.7	202.2	8.3	3.1	7.7	283.5	290.7	2.7	35.1	0.4	13.
1.3	8.7	406.1	975.0	10.1	-6.9	205.8	8.4	3.7	7.6	285.6	292.1	2.3	29.5	0.8	18.
2.1	11.0	622.1	950.0	10.7	-10.2	214.8	6.7	3.8	5.5	288.3	293.5	1.9	21.9	1.1	22.
2.7	13.5	843.4	925.0	8.9	-11.4	231.2	5.4	4.2	3.4	288.6	293.5	1.7	22.5	1.4	25.
3.5	15.8	1069.2	900.0	7.0	-12.2	253.6	4.3	4.1	1.2	289.0	293.7	1.7	23.8	1.5	30.
4.2	18.4	1299.7	875.0	4.8	-12.6	267.5	4.0	4.0	0.2	288.9	293.7	1.7	27.1	1.6	35.
5.0	20.8	1534.9	850.0	2.6	-13.6	270.5	4.6	4.6	-0.0	289.1	293.8	1.7	30.5	1.8	40.
5.8	23.4	1775.2	825.0	0.3	-14.7	265.9	5.5	5.5	0.4	289.1	293.4	1.5	31.2	1.9	45.
6.5	26.0	2021.0	800.0	-1.4	-20.3	282.6	5.3	5.2	-1.2	289.8	292.6	0.9	22.0	2.1	50.
7.3	28.7	2273.3	775.0	-3.1	-22.7	314.7	5.1	3.6	-3.6	290.6	293.0	0.8	20.3	2.2	56.
8.2	31.5	2532.2	750.0	-4.3	-23.7	318.9	6.7	4.4	-5.0	292.0	294.3	0.7	20.1	2.2	64.
9.2	34.3	2758.5	725.0	-5.8	-23.7	310.8	8.4	6.4	-5.5	293.2	295.6	0.8	22.7	2.4	74.
10.2	37.0	3072.1	700.0	-7.9	-26.1	304.1	9.8	8.1	-5.5	293.8	295.8	0.6	21.5	2.8	83.
11.4	40.0	3355.2	675.0	-7.9	-28.2	303.4	11.3	9.5	-6.2	296.8	298.6	0.5	17.7	3.4	92.
12.3	42.8	3647.9	650.0	-9.5	-28.5	301.5	12.5	10.7	-6.6	298.3	300.1	0.6	19.3	4.0	97.
13.4	45.9	3949.6	625.0	-11.7	-29.3	299.2	13.3	11.6	-6.5	299.1	300.8	0.5	21.5	4.7	100.
14.5	49.0	4260.7	600.0	-14.6	-29.2	301.3	14.2	12.1	-7.4	299.2	301.0	0.6	27.5	5.6	104.
15.5	51.9	4581.6	575.0	-17.2	-29.6	301.2	14.7	12.6	-7.6	299.8	301.6	0.6	33.0	6.5	106.
16.6	55.1	4913.6	550.0	-18.1	-21.9	297.8	17.3	15.3	-6.1	302.7	306.4	1.2	71.9	7.4	108.
17.6	58.1	5260.7	525.0	-19.4	-20.7	296.7	19.6	17.5	-8.8	305.3	309.5	1.4	88.9	8.6	109.
18.9	61.6	5622.3	500.0	-21.3	-22.3	299.0	23.4	20.5	-11.4	307.2	311.1	1.3	91.3	10.2	110.
20.1	65.1	5999.2	475.0	-23.7	-24.8	302.4	25.4	21.4	-13.6	308.8	312.2	1.1	90.2	11.9	112.
21.4	68.6	6392.4	450.0	-26.3	-27.3	304.1	24.7	20.4	-13.8	310.2	313.1	0.9	91.6	13.9	114.
23.0	72.0	6803.5	425.0	-28.7	-31.0	308.9	29.4	23.5	-17.7	312.2	314.4	0.7	80.6	16.4	115.
24.5	75.9	7234.9	400.0	-31.9	-35.6	307.4	29.0	23.1	-17.6	313.5	315.0	0.5	69.4	19.0	117.
26.3	79.8	7687.5	375.0	-35.6	-39.6	305.7	31.5	25.6	-18.4	314.4	315.5	0.3	66.4	22.2	118.
28.3	83.8	8164.7	350.0	-38.8	-42.5	305.5	32.9	26.8	-19.1	316.3	317.2	0.3	67.8	26.1	120.
30.5	88.0	8669.2	325.0	-42.6	99.9	307.0	37.3	29.8	-22.4	318.0	999.9	99.9	99.9	30.7	120.
32.9	92.6	9205.1	300.0	-46.3	99.9	310.5	40.9	31.1	-26.6	320.2	999.9	99.9	99.9	36.2	122.
35.2	97.2	9790.1	275.0	-49.5	99.9	308.3	49.5	38.8	-30.7	323.6	999.9	99.9	99.9	42.6	123.
37.8	102.0	10396.4	250.0	-55.2	99.9	309.2	52.4	40.7	-33.1	324.1	999.9	99.9	99.9	51.0	124.
40.5	107.5	11061.7	225.0	-59.8	99.9	311.5	56.9*	42.6	-37.7	327.0	999.9	99.9	99.9	58.0	125.
42.9	113.3	11794.9	200.0	-61.9	99.9	321.3	44.0*	27.5	-34.3	334.2	999.9	99.9	99.9	66.5	126.
45.5	119.5	12610.9	175.0	-66.5	99.9	303.7	32.1*	26.7	-17.8	340.2	999.9	99.9	99.9	72.1	127.
49.8	126.3	13576.9	150.0	-55.5	99.9	314.3	36.3*	26.0	-25.3	374.6	999.9	99.9	99.9	81.7	127.
54.6	133.7	14740.6	125.0	-56.2	99.9	309.8	22.5*	17.3	-14.4	393.2	999.9	99.9	99.9	89.7	127.
60.2	141.0	16154.6	100.0	-56.0	99.9	307.3	23.1*	18.4	-14.0	419.6	999.9	99.9	99.9	95.9	127.
67.9	149.0	17585.8	75.0	-57.2	99.9	127.3	3.6*	2.8	2.2	453.1	999.9	99.9	99.9	104.4	128.
78.3	157.3	20579.1	50.0	-53.7	99.9	334.3	6.3	2.7	-5.7	517.1	999.9	99.9	99.9	108.3	128.
94.3	165.7	25045.1	25.0	-51.6	99.9	339.1	3.7	1.3	-3.5	636.8	999.9	99.9	99.9	110.0	128.

* BY SPEED MEANS ELEVATION 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. 637
FLINT, MICH

23 APRIL 1975
2315 GMT

153 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	236.0	977.3	13.9	12.8	210.0	8.7	4.3	7.5	290.2	314.9	9.6	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	5.4	256.0	975.0	13.9	12.5	211.1	9.9	5.1	8.5	290.4	314.8	9.4	91.2	0.1	6.
0.7	7.3	475.5	950.0	13.0	11.6	215.9	15.8	9.3	12.8	291.6	315.2	9.1	90.9	0.6	30.
1.4	6.3	699.7	925.0	11.6	10.5	227.2	19.8	14.5	13.4	292.3	315.0	8.7	93.2	1.3	36.
2.2	11.2	928.8	900.0	10.4	9.4	242.5	21.2	18.8	9.8	293.3	315.2	8.3	93.7	2.2	43.
2.9	13.3	1163.5	875.0	9.6	8.6	253.7	24.2	23.2	6.8	294.8	316.3	8.1	93.7	3.1	51.
3.6	15.2	1404.1	850.0	8.4	7.5	265.3	24.0	23.9	2.0	296.0	316.6	7.7	93.8	4.1	58.
4.7	17.4	1651.0	825.0	7.0	6.1	274.5	21.4	21.4	-1.7	297.0	316.5	7.2	94.0	5.4	66.
5.7	19.5	1903.9	800.0	5.4	4.5	270.3	24.6	24.6	-0.1	297.8	315.8	6.6	93.4	6.6	72.
6.6	21.5	2163.4	775.0	4.3	3.3	273.6	22.1	22.1	-1.4	299.2	316.6	6.3	93.7	7.8	75.
7.6	23.8	2429.9	750.0	4.2	-9.4	281.5	25.2	24.7	-5.0	301.4	309.8	2.5	36.7	9.1	79.
8.5	25.8	2706.4	725.0	4.9	-13.3	286.5	25.4	24.4	-7.2	305.1	310.9	1.9	25.3	10.5	82.
9.5	28.2	2991.7	700.0	3.5	-23.7	289.7	26.0	24.5	-8.8	306.4	309.0	0.8	11.5	11.7	85.
10.4	30.5	3285.5	675.0	1.5	-29.2	290.7	25.5	23.8	-9.0	307.4	309.1	0.5	8.0	13.1	86.
11.4	33.2	3588.0	650.0	-0.7	-26.2	288.3	25.2	23.9	-7.9	308.2	310.5	0.7	12.4	14.4	90.
12.3	35.5	3899.6	625.0	-3.4	-27.7	284.9	25.0	24.2	-6.4	308.6	310.6	0.6	13.2	15.9	92.
13.4	38.1	4209.4	600.0	-6.3	-26.6	281.4	25.6	25.0	-5.0	308.9	311.3	0.7	18.0	17.4	93.
14.5	40.6	4551.6	575.0	-9.1	-26.5	278.9	24.8	24.5	-3.8	309.4	311.9	0.8	22.8	19.1	93.
15.7	43.2	4893.6	550.0	-11.8	-31.5	276.2	25.3	25.1	-2.7	310.1	311.8	0.5	17.7	20.8	94.
16.9	46.0	5248.2	525.0	-13.9	-41.5	272.9	24.9	24.9	-1.3	311.6	312.3	0.2	7.5	22.7	94.
18.2	49.0	5617.1	500.0	-16.1	-43.6	269.3	23.8	23.8	0.3	313.3	313.9	0.2	7.2	24.5	94.
19.5	51.8	6001.5	475.0	-18.8	-45.3	264.9	25.0	24.9	2.2	314.6	315.1	0.1	7.6	26.4	93.
20.6	54.6	6402.2	450.0	-21.6	-47.1	260.0	20.3	20.0	3.5	316.0	316.5	0.1	7.9	28.2	93.
22.0	57.3	6820.4	425.0	-25.0	-47.5	261.8	18.9	18.8	2.7	316.9	317.3	0.1	10.3	29.6	92.
23.3	61.0	7257.6	400.0	-28.5	-48.7	265.4	18.6	18.5	1.5	317.9	318.3	0.1	11.9	30.7	91.
24.7	64.4	7716.8	375.0	-32.4	-52.6	272.2	27.6	27.6	-1.1	318.7	319.0	0.1	11.2	33.0	91.
26.3	67.9	8198.5	350.0	-36.6	-53.1	268.7	31.9	31.9	0.8	319.3	319.6	0.1	16.1	35.8	91.
27.9	71.4	8707.7	325.0	-40.8	99.9	259.3	34.0	33.4	6.3	320.5	999.9	99.9	999.9	38.9	91.
29.6	75.3	9248.2	300.0	-44.4	99.9	240.6	34.2	29.9	16.8	322.8	999.9	99.9	999.9	42.4	84.
31.4	79.4	9826.3	275.0	-48.0	99.9	234.8	36.0	29.4	20.8	325.7	999.9	99.9	999.9	45.5	86.
33.4	83.7	10447.9	250.0	-53.0	99.9	233.6	39.1	31.5	23.2	327.2	999.9	99.9	999.9	49.2	84.
35.4	88.2	11119.5	225.0	-58.1	99.9	239.4	37.7	32.5	19.2	329.4	999.9	99.9	999.9	53.3	81.
37.7	93.2	11859.9	200.0	-58.6	99.9	249.0	35.8	33.4	12.8	340.0	999.9	99.9	999.9	58.5	80.
40.3	98.6	12699.3	175.0	-55.9	99.9	263.8	43.7	43.5	4.7	357.7	999.9	99.9	999.9	63.9	80.
43.3	104.5	13682.6	150.0	-55.3	99.9	266.3	32.1	32.1	2.1	374.8	999.9	99.9	999.9	70.0	81.
46.8	111.3	14846.9	125.0	-56.4	99.9	269.3	30.7	30.7	0.4	392.8	999.9	99.9	999.9	76.5	81.
50.8	119.0	16265.6	100.0	-57.0	99.9	275.8	29.2	29.0	-2.9	417.6	999.9	99.9	999.9	83.2	82.
56.1	128.7	18074.4	75.0	-61.1	99.9	273.8	20.5	20.4	-1.4	444.9	999.9	99.9	999.9	87.1	83.
62.9	139.5	20624.0	50.0	-56.6	99.9	324.1	6.9	4.0	-5.6	510.2	999.9	99.9	999.9	91.1	85.
73.8	152.0	25071.2	25.0	-52.0	99.9	278.1	10.1	10.0	-1.4	635.2	999.9	99.9	999.9	92.7	86.

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

STATION NO. 645
GREEN BAY, WIS

23 APRIL 1975
2315 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	210.0	979.0	16.1	10.4	270.0	4.2	4.2	0.0	292.1	313.5	8.1	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	99.9	99.9	999.9	999.9	999.9
0.1	8.6	244.9	975.0	16.0	10.3	276.2	5.3	5.2	-0.6	292.3	313.7	8.1	69.2	0.1	35.
0.9	10.8	465.0	950.0	13.2	8.3	280.6	7.2	7.1	-1.3	291.6	310.7	7.3	71.8	0.3	90.
1.7	13.1	688.5	925.0	11.3	6.6	285.9	9.2	8.9	-2.5	291.7	309.3	6.6	73.0	0.7	97.
2.5	15.4	917.4	900.0	9.4	6.9	291.3	10.2	9.5	-3.7	292.1	310.6	7.0	84.8	1.1	122.
3.3	17.8	1150.5	875.0	7.3	6.1	298.8	9.9	8.7	-4.8	292.2	310.2	6.8	92.3	1.6	105.
4.2	20.3	1388.9	850.0	5.4	4.3	298.3	11.1	9.7	-5.2	292.6	309.1	6.2	92.8	2.2	110.
5.1	22.6	1632.8	825.0	4.6	1.1	287.7	14.9	14.2	-4.5	294.1	307.9	5.1	78.9	2.8	110.
6.1	25.2	1885.7	800.0	8.0	-1.8	290.6	15.9	14.9	-5.6	300.2	312.1	4.2	50.2	3.8	110.
6.9	27.6	2147.4	775.0	7.3	-10.6	286.4	16.2	15.5	-4.6	302.9	308.5	2.2	26.6	4.6	110.
7.8	30.3	2416.2	750.0	5.7	-18.1	287.6	16.8	16.0	-5.1	302.9	306.7	1.2	16.0	5.5	109.
8.7	33.0	2692.1	725.0	3.3	-18.1	285.4	17.7	17.1	-4.7	303.3	307.2	1.3	18.9	6.4	109.
9.8	35.6	2975.7	700.0	1.3	-20.1	281.8	19.9	19.5	-4.1	304.0	307.5	1.1	18.5	7.6	108.
10.7	38.3	3266.9	675.0	-1.1	-20.8	279.1	20.2	20.0	-3.2	304.5	307.9	1.1	20.6	8.7	107.
11.8	41.0	3566.4	650.0	-3.6	-22.1	278.3	20.0	19.4	-2.9	305.0	308.1	1.0	22.2	10.1	106.
12.9	43.9	3875.2	625.0	-5.8	-24.8	281.0	19.3	18.9	-3.7	305.9	308.5	0.8	20.6	11.3	105.
14.0	46.9	4193.4	600.0	-8.6	-21.6	280.2	18.5	18.2	-3.3	306.3	309.8	1.1	34.0	12.6	105.
15.2	50.0	4521.4	575.0	-11.6	-25.3	275.8	19.4	19.3	-2.0	306.5	309.2	0.8	31.0	13.9	104.
16.5	52.9	4861.3	550.0	-12.7	-29.8	277.4	19.9	19.7	-2.6	309.1	311.0	0.6	22.1	15.5	103.
17.8	55.9	5214.9	525.0	-15.2	-31.3	279.0	20.6	20.4	-3.2	310.1	311.9	0.5	23.7	17.1	103.
19.2	59.1	5581.4	500.0	-18.0	-36.7	277.0	20.8	20.6	-2.5	311.1	312.2	0.3	17.9	18.6	103.
20.5	62.6	5962.6	475.0	-20.8	-63.2	271.1	20.4	20.4	-0.4	312.2	312.2	0.0	1.0	20.4	102.
21.8	65.8	6359.8	450.0	-24.0	-65.2	271.0	21.9	21.9	-0.4	313.0	313.1	0.0	1.0	21.9	101.
23.2	69.3	6774.2	425.0	-26.9	-67.1	271.9	24.3	24.2	-0.8	314.5	314.6	0.0	1.0	24.0	100.
24.8	72.9	7208.4	400.0	-20.4	-69.5	277.5	25.8	25.6	-3.4	315.4	315.4	0.0	1.0	25.3	100.
26.4	76.7	7663.5	375.0	-34.4	-72.1	277.1	26.7	26.5	-3.3	316.0	316.1	0.0	1.0	26.7	99.
28.1	80.5	8141.9	350.0	-32.7	-74.9	274.9	26.9	26.8	-2.3	316.5	316.5	0.0	1.0	31.5	99.
30.1	84.6	8645.8	325.0	-43.3	99.9	272.8	29.6	29.6	-1.4	317.0	999.9	99.9	999.9	34.8	99.
32.0	88.7	9178.9	300.0	-48.5	99.9	272.9	32.2	32.2	-1.6	317.1	999.9	99.9	999.9	38.4	98.
34.2	93.3	9745.3	275.0	-53.2	99.9	272.3	32.2	32.2	-1.3	318.2	999.9	99.9	999.9	42.5	98.
36.3	98.0	10353.6	250.0	-56.5	99.9	264.1	33.3	33.1	3.4	322.1	999.9	99.9	999.9	46.2	97.
38.9	103.0	11024.6	225.0	-55.5	99.9	256.9	35.0	34.1	7.9	333.5	999.9	99.9	999.9	51.1	95.
41.4	108.5	11769.6	200.0	-57.6	99.9	259.1	34.3	33.7	6.5	341.5	999.9	99.9	999.9	56.4	94.
44.4	114.3	12619.8	175.0	-54.4	99.9	261.5	36.9	36.5	5.5	360.1	999.9	99.9	999.9	63.1	92.
47.9	120.7	13610.3	150.0	-53.0	99.9	267.6	33.6	33.5	1.4	378.8	999.9	99.9	999.9	69.9	91.
52.1	128.0	14785.4	125.0	-53.6	99.9	253.0	24.2	23.1	7.1	398.0	999.9	99.9	999.9	76.7	91.
56.7	135.8	16215.1	100.0	-55.5	99.9	272.2	25.7	25.7	-1.0	420.5	999.9	99.9	999.9	84.7	91.
63.2	144.0	18051.5	75.0	-56.8	99.9	253.5	3.7	3.6	1.1	453.8	999.9	99.9	999.9	90.4	91.
72.0	153.3	20616.5	50.0	-55.2	99.9	57.7	5.1	-4.3	-2.7	513.5	999.9	99.9	999.9	95.0	92.
85.6	163.3	25090.3	25.0	-50.4	99.9	21.9	0.6	-0.2	-0.5	640.1	999.9	99.9	999.9	97.0	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. 654
MURON, S D

23 APRIL 1975
2315 GMT

152 15. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.0	9.0	392.0	962.4	13.9	5.3	30.0	4.2	-2.1	-3.2	291.0	306.5	5.8	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	9.9	501.1	950.0	12.2	4.9	233.4	10.6	8.5	6.3	290.3	305.5	5.7	61.0	0.5	239.
1.1	11.6	723.9	925.0	9.8	4.6	999.9	99.9	99.9	99.9	290.1	305.4	5.8	70.2	999.9	999.
1.9	13.7	950.9	900.0	7.7	5.1	999.9	99.9	99.9	99.9	290.2	306.5	6.1	83.5	999.9	999.
2.7	15.6	1182.6	875.0	5.5	4.5	999.9	99.9	99.9	99.9	290.3	306.3	6.1	93.3	999.9	999.
3.5	17.6	1419.2	850.0	3.8	3.4	16.7	3.1	-0.9	-3.0	290.9	306.2	5.8	97.2	0.7	175.
4.2	19.7	1662.4	825.0	7.0	-18.4	349.1	2.2	0.4	-2.2	296.2	299.4	1.1	14.2	0.8	194.
5.1	21.7	1915.4	800.0	6.9	-13.3	292.4	3.2	3.0	-1.2	298.8	304.0	1.8	23.0	0.9	186.
5.9	24.0	2175.1	775.0	5.0	-12.0	273.8	4.3	4.3	-0.3	299.4	305.2	2.0	27.9	0.9	175.
6.8	26.0	2441.7	750.0	2.9	-11.1	271.3	5.8	5.8	-0.1	300.0	306.5	2.2	34.6	1.0	160.
7.7	28.3	2715.5	725.0	1.1	-8.7	267.0	8.5	8.5	0.4	301.0	309.1	2.7	48.0	1.2	142.
8.6	30.7	2976.9	700.0	-0.6	-12.9	266.4	10.0	10.0	0.6	302.1	308.1	3.0	38.9	1.5	125.
9.6	33.1	3256.4	675.0	-2.7	-17.7	271.2	10.3	10.3	-0.2	302.8	307.1	3.4	30.3	2.1	114.
10.6	35.5	3584.7	650.0	-4.7	-23.8	273.8	11.6	11.6	-0.8	303.8	306.5	0.9	20.7	2.7	110.
11.6	37.9	3892.0	625.0	-6.6	-24.4	274.4	12.7	12.7	-1.0	304.9	307.7	0.9	23.3	3.4	106.
12.7	40.5	4209.6	600.0	-8.9	-35.7	272.8	14.3	14.3	-0.7	305.8	307.1	0.4	11.5	4.3	104.
13.8	43.0	4537.3	575.0	-11.5	-43.5	269.7	15.1	15.1	0.1	306.4	306.9	0.1	5.0	5.2	101.
15.0	45.8	4877.0	550.0	-13.0	-51.4	265.8	14.8	14.8	1.1	308.7	308.9	0.1	2.5	6.3	99.
16.2	48.7	5229.4	525.0	-16.2	-42.3	260.6	15.3	15.1	2.5	308.9	309.5	0.2	8.4	7.3	97.
17.5	51.4	5594.5	500.0	-19.1	-44.2	264.1	15.7	15.7	1.6	309.7	310.2	0.1	6.7	8.5	94.
18.7	54.4	5973.7	475.0	-22.7	-43.8	268.1	15.4	15.4	0.5	309.9	310.5	0.2	12.5	9.6	94.
19.9	57.4	6368.2	450.0	-25.5	-48.6	267.5	15.0	15.0	0.7	311.1	311.4	0.1	9.4	10.7	93.
21.3	60.6	6779.7	425.0	-29.4	-49.0	267.2	16.5	16.4	0.8	311.3	311.7	0.1	12.9	12.0	92.
22.6	64.3	7209.6	400.0	-32.1	-56.7	265.7	17.3	17.2	1.3	313.2	313.4	0.0	6.6	13.3	92.
24.3	67.4	7663.4	375.0	-34.7	-62.6	265.1	18.4	18.3	1.6	315.6	315.7	0.1	4.0	15.2	91.
25.8	70.9	8141.5	350.0	-38.6	-64.7	260.3	17.4	17.1	2.9	316.7	316.7	0.0	4.4	16.9	90.
27.5	74.9	8645.8	325.0	-42.9	99.9	261.5	20.5	20.3	3.0	317.6	999.9	99.9	999.9	18.6	89.
29.2	78.8	9182.1	300.0	-46.0	99.9	267.7	20.7	20.7	0.8	320.6	999.9	99.9	999.9	20.7	89.
31.1	83.0	9755.0	275.0	-50.3	99.9	267.9	21.9	21.8	0.8	322.4	999.9	99.9	999.9	23.1	89.
33.1	87.4	10370.2	250.0	-55.2	99.9	263.6	23.8	23.7	2.7	323.0	999.9	99.9	999.9	25.8	88.
35.3	92.4	11033.9	225.0	-60.7	99.9	261.4	25.7	25.4	3.8	325.5	999.9	99.9	999.9	29.1	88.
37.6	97.6	11765.7	200.0	-59.8	99.9	263.6	25.2	25.0	2.8	338.0	999.9	99.9	999.9	32.7	87.
40.3	103.3	12609.1	175.0	-55.2	99.9	255.1	30.7	29.6	7.9	358.8	999.9	99.9	999.9	36.9	86.
43.4	110.3	13594.5	150.0	-54.9	99.9	265.5	23.1	23.0	1.8	375.5	999.9	99.9	999.9	42.3	85.
47.1	117.0	14758.5	125.0	-53.8	99.9	256.2	26.3	25.5	6.3	397.6	999.9	99.9	999.9	47.5	84.
51.6	125.5	16196.5	100.0	-53.3	99.9	246.9	24.8	22.8	9.7	424.9	999.9	99.9	999.9	54.3	83.
57.9	135.3	19051.5	75.0	-54.7	99.9	250.1	16.3	15.3	5.5	458.2	999.9	99.9	999.9	62.4	81.
66.0	145.3	23641.1	50.0	-53.9	99.9	269.7	7.3	7.3	0.0	516.4	999.9	99.9	999.9	67.4	80.
78.1	156.0	25135.1	25.0	-50.6	99.9	112.6	3.5	-3.2	1.3	639.2	999.9	99.9	999.9	69.2	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. 655
ST CLOUD, MINN

23 APRIL 1975
2315 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CLW 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	7.0	316.0	972.2	10.2	7.1	360.0	4.2	0.0	-4.2	286.5	303.4	6.5	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.
0.6	8.5	508.0	950.0	8.4	6.9	5.3	6.0	-0.6	-6.0	286.6	303.7	6.6	90.1	0.3	173.
1.4	10.7	728.1	925.0	6.6	6.3	10.4	5.4	-1.0	-5.3	286.9	303.8	6.5	99.0	0.5	180.
2.1	12.8	952.7	900.0	4.9	4.9	17.5	5.0	-1.5	-4.8	287.3	303.1	6.0	100.6	0.7	184.
3.0	14.9	1182.5	875.0	5.1	5.0	7.0	2.5	-0.3	-2.5	289.9	306.5	6.3	99.6	0.9	189.
3.8	16.8	1419.8	850.0	5.0	4.8	303.2	4.5	3.8	-2.5	292.2	309.2	6.4	98.9	1.0	181.
4.6	19.1	1663.3	825.0	3.8	2.3	321.1	5.1	3.2	-4.0	293.3	308.1	5.5	90.1	1.2	172.
5.3	21.1	1912.9	800.0	2.3	0.3	335.4	5.4	2.2	-4.9	294.2	307.6	4.9	86.8	1.4	169.
6.3	23.5	2168.5	775.0	-0.3	-18.2	319.9	6.3	5.3	-6.3	293.7	297.2	1.2	24.8	1.7	165.
7.1	25.6	2431.6	750.0	1.6	-20.9	317.2	9.5	6.4	-7.0	298.4	301.4	1.0	16.8	2.2	159.
8.1	28.0	2704.5	725.0	1.5	-16.6	302.5	9.1	7.6	-4.9	301.3	305.7	1.4	24.5	2.7	154.
9.1	30.4	2986.5	700.0	-0.1	-13.3	294.1	11.3	10.3	-4.6	302.6	308.4	2.0	36.3	3.1	148.
10.1	32.9	3276.5	675.0	-2.1	-15.6	290.6	13.6	12.7	-4.8	303.5	308.6	1.7	34.7	3.8	141.
11.0	35.4	3575.5	650.0	-4.4	-14.9	284.5	14.3	13.8	-3.6	304.2	309.8	1.8	43.4	4.5	135.
12.1	37.9	3883.1	625.0	-6.7	-17.4	279.8	13.7	13.5	-2.3	305.0	309.7	1.6	42.1	5.2	130.
13.0	40.5	4200.8	600.0	-8.8	-20.4	276.9	12.2	12.2	-1.5	306.1	310.0	1.3	38.4	5.9	126.
14.1	43.1	4528.8	575.0	-11.4	-21.7	281.2	12.3	12.1	-2.4	306.7	310.4	1.2	42.0	6.6	123.
15.2	46.0	4867.9	550.0	-14.3	-24.3	285.3	13.0	12.5	-3.4	307.2	310.3	1.0	42.1	7.4	121.
16.4	48.9	5219.2	525.0	-16.3	-32.8	284.2	15.6	15.2	-3.8	308.8	310.4	0.5	22.4	8.4	119.
17.7	51.5	5584.6	500.0	-19.1	-36.9	277.8	18.3	18.2	-2.5	309.8	310.8	0.3	18.8	9.6	117.
19.0	54.6	5944.1	475.0	-22.1	-38.9	272.3	20.0	20.0	-0.8	310.6	311.6	0.3	19.9	11.1	114.
20.4	57.6	6359.1	450.0	-25.5	-42.0	272.3	18.6	18.6	-0.7	311.2	311.9	0.2	19.5	12.6	111.
21.8	61.0	6770.5	425.0	-29.3	-43.5	271.9	18.5	18.5	-0.6	311.4	312.1	0.2	23.5	14.1	109.
23.3	64.4	7200.4	400.0	-33.2	-43.5	271.7	19.4	19.4	-0.6	311.8	312.5	0.2	34.4	15.6	107.
24.7	67.9	7649.5	375.0	-37.6	-47.0	274.7	18.6	18.6	-1.5	311.8	312.3	0.1	36.1	17.4	106.
26.3	71.4	8121.2	350.0	-41.9	99.9	270.1	17.7	17.7	-0.1	312.3	999.9	99.9	999.9	18.9	105.
27.9	75.3	8619.5	325.0	-45.2	99.9	271.7	22.4	22.4	-0.6	314.4	999.9	99.9	999.9	20.8	103.
29.8	78.5	9150.4	300.0	-48.6	99.9	273.5	22.1	22.0	-1.3	316.9	999.9	99.9	999.9	23.3	102.
31.8	83.7	9717.6	275.0	-52.5	99.9	269.7	26.0	26.0	0.1	319.1	999.9	99.9	999.9	26.1	101.
33.9	88.2	10328.8	250.0	-55.5	99.9	271.9	23.0	23.0	-0.8	323.5	999.9	99.9	999.9	29.3	100.
36.1	93.3	10995.3	225.0	-58.9	99.9	271.4	24.0	24.0	-0.6	328.3	999.9	99.9	999.9	32.4	99.
38.5	98.5	11736.7	200.0	-57.1	99.9	269.6	26.0	26.0	0.2	342.4	999.9	99.9	999.9	36.1	98.
41.5	104.3	12584.3	175.0	-56.2	99.9	260.8	28.5	28.1	4.5	357.1	999.9	99.9	999.9	40.9	97.
44.7	110.8	13565.6	150.0	-54.9	99.9	256.8	23.7	23.1	5.4	375.5	999.9	99.9	999.9	46.1	95.
48.8	118.0	14733.4	125.0	-54.2	99.9	249.3	22.5	21.1	8.0	396.8	999.9	99.9	999.9	52.2	93.
53.4	126.3	16177.7	100.0	-53.6	99.9	260.6	19.9	19.6	3.3	424.3	999.9	99.9	999.9	59.3	91.
59.1	136.0	18017.4	75.0	-54.6	99.9	259.5	18.0	17.7	3.3	458.5	999.9	99.9	999.9	66.0	90.
67.0	146.0	20525.8	50.0	-54.4	99.9	299.2	7.7	6.7	-3.8	515.3	999.9	99.9	999.9	70.0	89.
78.6	156.3	25076.2	25.0	-52.4	99.9	325.7	5.7	3.2	-4.7	634.4	999.9	99.9	999.9	73.4	91.

* BY SPEED MEANS ELEVATION 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. 662
RAPID CITY, S D

23 APRIL 1975
2315 GMT

42 511. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.3	966.0	898.4	11.7	7.8	50.0	6.2	-4.7	-4.0	294.7	314.5	7.4	77.0	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.
0.8	17.3	1186.5	875.0	9.7	6.6	70.3	5.6	-5.3	-1.9	294.8	313.6	7.0	80.8	0.3	243.
1.7	15.9	1426.8	850.0	7.7	6.5	77.3	4.0	-3.9	-0.9	295.1	314.4	7.2	92.5	0.6	248.
2.5	22.0	1672.6	825.0	5.9	5.5	70.9	1.5	-1.4	-0.5	295.8	314.4	6.9	97.2	0.7	250.
3.3	24.5	1924.7	800.0	4.7	4.3	127.2	2.0	0.3	2.0	297.1	314.9	6.6	97.2	0.7	251.
4.2	26.9	2183.6	775.0	3.6	3.1	188.7	5.6	0.8	5.5	298.5	315.5	6.2	96.3	0.7	268.
5.1	29.4	2450.3	750.0	4.6	-6.1	999.9	99.9	99.9	99.9	302.0	311.3	3.2	45.6	999.9	999.
5.9	32.1	2726.1	725.0	3.2	-7.0	999.9	99.9	99.9	99.9	303.3	312.4	3.1	47.2	999.9	999.
6.8	34.8	3009.5	700.0	1.0	-9.4	242.2	14.0	12.4	6.5	303.9	311.9	2.7	45.7	1.0	24.
7.9	37.3	3300.8	675.0	-1.5	-9.0	244.2	12.0	10.8	5.2	304.3	312.8	2.9	56.4	1.8	42.
8.9	40.1	3600.0	650.0	-4.2	-11.0	246.4	13.0	11.9	5.2	304.6	312.1	2.5	58.8	2.4	48.
10.0	42.7	3907.8	625.0	-6.8	-18.7	250.7	14.1	13.3	4.7	304.2	309.1	1.4	38.6	3.3	53.
11.1	45.6	4225.2	600.0	-9.1	-19.6	255.3	15.1	14.6	3.8	305.8	310.0	1.3	42.0	4.2	54.
12.2	48.6	4553.1	575.0	-11.0	-27.2	255.9	16.1	15.6	3.9	307.1	309.6	0.8	27.1	5.2	62.
13.3	51.4	4893.2	550.0	-13.3	-36.0	999.9	99.9	99.9	99.9	308.3	307.4	0.3	12.7	999.9	999.
14.5	54.5	5246.0	525.0	-15.4	-42.0	999.9	99.9	99.9	99.9	309.9	310.6	0.2	8.4	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

Sounding Data

24 April 1975

0600 GMT

92-133

STATION NO. 208
CHARLESTON, SC

24 APRIL 1975
600 GMT

155 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	13.0	1023.4	17.8	14.5	170.0	4.1	-0.7	4.0	290.4	316.7	10.2	81.0	0.0	0.
0.6	6.0	212.2	1000.0	20.0	13.9	183.5	13.6	0.8	13.5	294.5	320.8	10.0	67.8	0.5	2.
1.4	8.2	430.2	975.0	18.3	12.5	171.1	13.1	-2.0	12.9	294.8	319.6	9.4	68.8	1.0	358.
2.1	10.3	652.4	950.0	16.0	12.0	179.1	13.5	-0.2	13.5	294.7	319.3	9.3	77.2	1.6	357.
2.8	12.4	878.7	925.0	14.1	10.7	166.6	13.4	1.5	13.3	294.9	318.3	8.8	80.3	2.2	356.
3.6	14.6	1109.7	900.0	12.4	9.0	195.1	12.8	3.3	12.4	295.4	316.8	8.0	79.2	2.8	1.
4.4	16.7	1345.9	875.0	11.3	4.7	197.3	11.7	3.5	11.2	290.3	313.1	6.2	64.3	3.4	4.
5.2	19.1	1588.1	850.0	11.6	-2.4	220.0	9.8	6.3	7.5	298.8	309.5	3.8	37.4	3.9	7.
6.1	21.2	1837.4	825.0	10.8	-2.9	245.0	8.9	8.1	3.7	300.5	311.2	3.7	38.0	4.2	11.
6.9	23.6	2093.1	800.0	8.6	-0.5	263.3	7.7	7.7	0.9	300.9	313.9	4.6	52.8	4.4	16.
7.8	25.8	2354.9	775.0	6.5	1.3	276.9	7.7	7.6	-0.9	301.5	316.8	5.5	69.5	4.6	21.
8.8	28.4	2623.4	750.0	4.7	-2.9	282.7	9.0	8.8	-2.0	302.3	314.1	4.1	57.7	4.7	27.
9.7	30.9	2899.5	725.0	4.1	-7.9	281.7	9.0	8.9	-1.8	304.4	312.9	2.9	40.9	4.8	33.
10.6	33.6	3184.6	700.0	3.1	-13.7	288.2	8.3	7.9	-2.6	306.1	311.9	1.9	27.8	5.0	38.
11.6	36.0	3478.3	675.0	1.6	-15.2	303.7	8.1	6.7	-4.5	307.7	313.0	1.7	27.2	5.2	43.
12.7	38.7	3782.5	650.0	0.3	-0.4	317.3	9.1	6.2	-6.7	310.0	326.7	5.8	95.4	5.2	49.
13.7	41.3	4096.8	625.0	-1.3	-1.8	318.9	9.1	6.0	-6.8	311.6	327.4	5.4	96.8	5.2	56.
14.8	44.1	4421.5	600.0	-3.4	-4.0	304.8	8.4	6.9	-4.8	312.7	326.8	4.8	96.0	5.3	62.
15.8	47.1	4757.0	575.0	-6.0	-7.5	284.2	7.4	7.2	-1.8	313.4	324.8	3.8	89.3	5.6	66.
16.9	50.1	5104.4	550.0	-7.7	-8.4	261.9	10.0	9.9	1.4	315.4	326.6	3.7	94.6	6.1	68.
18.1	53.0	5465.2	525.0	-9.7	-9.8	256.0	13.1	12.7	3.2	317.1	327.8	3.5	99.9	6.9	69.
19.3	56.0	5841.0	500.0	-11.5	-11.7	262.8	14.2	14.1	1.8	319.4	329.2	3.1	98.5	7.9	70.
20.7	59.3	6233.4	475.0	-13.5	-14.8	278.9	15.3	15.1	-2.4	321.5	329.6	2.5	89.8	9.0	73.
22.2	62.7	6643.2	450.0	-16.1	-20.1	279.6	17.6	17.4	-2.9	323.1	328.7	1.7	71.7	10.4	77.
23.7	66.0	7071.4	425.0	-19.2	-23.3	266.4	18.9	18.2	-5.3	324.4	329.0	1.4	70.2	11.9	80.
25.1	69.6	7519.8	400.0	-22.8	-26.8	290.2	22.8	21.4	-7.9	325.4	329.0	1.1	70.0	13.4	84.
26.7	73.1	7989.9	375.0	-26.2	-28.0	283.4	23.2	22.6	-5.4	326.9	330.4	1.0	84.7	15.6	87.
28.2	77.0	8485.2	350.0	-30.2	-33.3	280.5	19.4	19.0	-3.5	328.0	330.3	0.7	74.6	17.4	89.
29.9	80.9	9007.9	325.0	-34.5	-37.6	283.5	20.8	20.2	-4.8	329.0	330.7	0.5	73.4	19.4	90.
31.7	85.1	9561.9	300.0	-39.3	99.9	289.6	22.8	21.5	-7.7	329.9	999.9	99.9	999.9	21.5	92.
33.4	89.4	10150.7	275.0	-44.8	99.9	294.9	26.0	23.6	-11.0	330.3	999.9	99.9	999.9	24.0	94.
34.9	94.2	10775.8	250.0	-50.8	99.9	295.9	26.3	23.7	-11.5	330.5	999.9	99.9	999.9	26.2	96.
36.4	99.0	11455.8	225.0	-57.4	99.9	304.6	27.0	22.2	-15.3	330.6	999.9	99.9	999.9	28.4	98.
40.3	104.2	12197.7	200.0	-59.8	99.9	303.6	35.9	29.9	-19.9	338.0	999.9	99.9	999.9	35.2	103.
44.2	110.0	13023.8	175.0	-62.5	99.9	299.8	37.1	32.2	-18.5	346.8	999.9	99.9	999.9	43.1	107.
48.5	116.0	13988.9	150.0	-58.4	99.9	296.9	25.4	22.6	-11.5	365.5	999.9	99.9	999.9	51.3	109.
53.4	123.5	15118.3	125.0	-64.7	99.9	301.1	25.1	21.5	-13.0	377.9	999.9	99.9	999.9	58.6	110.
59.8	131.3	16467.7	100.0	-65.8	99.9	289.7	13.8	13.0	-4.6	393.0	999.9	99.9	999.9	65.5	111.
68.4	140.0	18172.8	75.0	-69.9	99.9	251.7	6.0	5.7	1.9	426.4	999.9	99.9	999.9	72.2	111.
82.1	149.5	20630.5	50.0	-61.9	99.9	338.9	6.1	2.2	-5.7	457.6	999.9	99.9	999.9	76.9	111.
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. 211
TAMPA, FLA

24 APRIL 1975
530 GMT

161 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 CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	8.0	1022.4	20.6	15.2	110.0	4.1	-3.9	1.4	293.3	321.1	10.7	71.0	0.0	0.
0.8	6.4	199.9	1000.0	20.3	15.1	115.4	11.7	-10.5	5.0	294.9	323.4	10.9	72.0	0.4	292.
1.6	8.7	418.5	975.0	19.2	12.0	126.3	13.1	-10.6	7.7	295.7	319.8	9.1	63.1	1.0	297.
2.5	10.9	641.5	950.0	18.1	9.9	131.2	11.9	-8.9	7.8	296.7	318.4	8.1	58.7	1.6	302.
3.4	13.3	869.4	925.0	16.6	7.2	127.9	9.5	-7.5	5.8	297.2	315.9	6.9	53.8	2.3	304.
4.3	15.7	1102.4	900.0	16.1	3.3	130.0	5.0	-3.9	3.2	298.9	313.9	5.4	42.6	2.7	305.
5.2	18.1	1341.7	875.0	15.7	1.9	118.9	0.9	-0.8	0.4	300.7	314.9	5.0	39.7	2.8	305.
6.1	20.5	1586.9	850.0	13.5	5.5	62.7	1.8	-1.6	-0.8	301.1	319.6	6.7	58.4	2.8	304.
7.0	23.0	1837.5	825.0	11.7	5.0	38.7	2.1	-1.3	-1.6	301.8	320.3	6.7	63.6	2.9	302.
8.0	25.5	2094.4	800.0	9.6	2.8	61.0	2.1	-1.8	-1.0	302.2	318.6	5.9	62.5	2.9	300.
9.0	28.1	2357.2	775.0	8.6	-11.2	82.0	2.1	-2.1	-0.3	303.3	309.6	2.1	23.1	3.0	298.
10.0	30.3	2627.9	750.0	8.5	-19.4	48.5	2.5	-1.9	-1.6	305.9	309.4	1.1	11.9	3.1	297.
11.2	33.6	2907.6	725.0	8.0	-20.4	37.7	4.6	-2.8	-3.6	308.4	311.7	1.0	11.2	3.1	292.
12.3	36.1	3196.0	700.0	6.9	-21.2	31.1	6.3	-3.2	-5.4	310.2	313.4	1.0	11.3	3.3	286.
13.3	39.0	3494.0	675.0	5.6	-22.1	22.7	6.2	-2.4	-5.7	312.1	315.2	1.0	11.4	3.4	279.
14.5	41.7	3801.4	650.0	3.6	-23.5	6.2	4.4	-0.5	-4.4	313.2	316.1	0.9	11.6	3.4	273.
15.6	44.8	4118.4	625.0	1.5	-25.0	356.8	4.7	0.3	-4.7	314.2	316.8	0.8	11.8	3.4	268.
16.8	47.8	4445.8	600.0	-0.2	-26.2	5.7	5.1	-0.5	-5.0	315.9	318.4	0.7	11.9	3.4	262.
18.0	50.7	4785.0	575.0	-2.1	-27.5	336.4	4.3	1.7	-3.9	317.6	319.9	0.7	12.1	3.5	256.
19.3	53.9	5137.1	550.0	-3.1	-28.2	306.3	5.0	4.0	-3.0	320.5	322.8	0.7	12.2	3.3	251.
20.7	57.0	5504.5	525.0	-4.4	-29.2	295.8	8.1	7.3	-3.5	323.1	325.3	0.6	12.3	3.0	244.
22.1	60.4	5886.6	500.0	-7.9	-26.9	257.6	10.1	9.0	-4.7	323.4	326.3	0.8	20.0	2.6	229.
23.6	63.9	6282.6	475.0	-11.4	-29.7	295.0	8.9	8.0	-3.7	323.9	326.3	0.7	20.2	2.4	209.
25.2	67.1	6654.7	450.0	-14.7	-30.9	289.4	7.8	7.4	-2.6	324.8	327.0	0.6	23.6	2.4	192.
26.9	70.8	7125.4	425.0	-17.4	-38.5	283.4	7.7	7.5	-1.8	326.7	327.8	0.3	13.8	2.7	174.
28.7	74.5	7576.8	400.0	-20.2	-40.0	289.9	9.8	9.2	-3.3	328.7	329.7	0.3	15.1	3.0	158.
30.5	78.5	8051.7	375.0	-23.7	-35.8	306.5	14.1	11.3	-8.4	330.1	331.9	0.5	31.9	4.1	147.
32.4	82.3	8552.4	350.0	-27.4	-42.8	302.9	17.3	14.5	-9.4	331.8	332.7	0.2	21.2	5.8	140.
34.4	86.5	9080.6	325.0	-32.2	-46.7	306.3	17.6	14.2	-10.4	332.2	332.8	0.2	22.0	7.9	136.
36.9	91.0	9639.7	300.0	-36.7	-46.5	312.8	21.1	15.5	-14.3	333.5	334.3	0.2	35.3	10.6	134.
39.2	95.7	10235.9	275.0	-42.1	99.9	313.6	19.9	14.4	-13.7	334.3	999.9	99.9	999.9	13.7	134.
41.8	100.5	10873.5	250.0	-47.3	99.9	313.4	23.8	17.3	-16.3	335.7	999.9	99.9	999.9	17.0	134.
44.7	105.9	11560.8	225.0	-53.3	99.9	315.7	25.9	18.1	-18.5	336.9	999.9	99.9	999.9	21.3	134.
47.8	111.5	12309.1	200.0	-59.2	99.9	313.7	31.5	22.8	-21.8	339.1	999.9	99.9	999.9	26.8	134.
51.0	117.5	13135.1	175.0	-64.6	99.9	317.1	31.0	21.1	-22.7	343.3	999.9	99.9	999.9	32.6	135.
54.6	124.3	14087.8	150.0	-61.4	99.9	309.7	20.8	16.0	-13.3	364.3	999.9	99.9	999.9	38.1	135.
59.2	131.3	15208.2	125.0	-66.1	99.9	294.3	19.3	17.6	-8.0	375.4	999.9	99.9	999.9	43.4	133.
64.3	138.5	16548.9	100.0	-71.5	99.9	293.4	9.4	8.6	-3.7	389.7	999.9	99.9	999.9	48.2	132.
70.5	145.5	18228.2	75.0	-72.7	99.9	332.3	3.2	1.5	-2.8	420.5	999.9	99.9	999.9	50.4	131.
79.6	153.0	20668.9	50.0	-60.9	99.9	65.7	2.8	-2.6	-1.1	500.0	999.9	99.9	999.9	51.7	132.
93.2	160.0	25076.1	25.0	-52.5	99.9	82.5	10.2	-10.1	-1.3	633.7	999.9	99.9	999.9	53.0	135.

* BY SPEED MEANS ELEVATION 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. 213
WAYCROSS, GA

24 APRIL 1975
600 GMT

164 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	44.0	1017.4	20.3	17.5	170.0	4.1	-0.7	4.0	293.7	326.0	12.5	84.0	0.0	0.
0.4	4.7	192.8	1000.0	18.5	15.5	999.9	99.9	99.9	99.9	293.1	322.1	11.2	82.9	999.9	999.
1.1	6.6	410.4	975.0	18.0	14.4	999.9	99.9	99.9	99.9	294.7	322.6	10.7	79.5	999.9	999.
1.7	8.7	632.7	950.0	16.7	12.1	999.9	99.9	99.9	99.9	295.3	320.2	9.4	74.2	999.9	999.
2.5	10.7	860.2	925.0	16.2	10.6	999.9	99.9	99.9	99.9	297.1	320.4	8.7	69.3	999.9	999.
3.3	12.9	1093.4	900.0	15.6	9.3	999.9	99.9	99.9	99.9	298.6	320.8	8.2	66.0	999.9	999.
4.1	15.1	1332.2	875.0	14.3	6.7	999.9	99.9	99.9	99.9	299.5	318.8	7.1	60.2	999.9	999.
4.9	17.2	1576.9	850.0	13.5	5.2	235.7	6.5	5.3	3.6	301.2	319.3	6.5	57.0	2.7	34.9.
5.8	19.6	1827.8	825.0	12.4	0.3	218.6	5.6	3.5	4.3	302.3	315.7	4.7	43.4	2.8	35.6.
6.7	21.7	2084.8	800.0	10.2	-3.6	205.5	5.6	2.4	5.1	302.5	313.2	3.7	38.0	3.1	35.8.
7.6	24.2	2347.9	775.0	8.8	-23.6	233.8	4.3	3.5	2.6	303.4	306.0	0.8	9.0	3.3	1.
8.4	26.5	2612.4	750.0	8.3	-42.7	291.5	3.6	3.3	-1.3	305.6	306.0	0.1	1.3	3.4	4.
9.2	29.1	2897.2	725.0	6.6	-9.4	339.0	5.2	1.9	-4.9	307.1	315.0	2.6	31.2	3.2	7.
10.1	31.7	3185.1	700.0	4.9	-1.3	346.7	6.0	1.4	-5.9	308.6	323.0	5.0	63.8	2.9	9.
10.9	34.4	3481.2	675.0	3.2	-1.2	338.7	6.0	2.2	-5.5	310.0	325.2	5.2	72.8	2.6	12.
11.8	37.0	3786.1	650.0	0.4	-3.4	329.1	6.9	3.6	-5.9	310.0	323.5	4.6	75.5	2.4	16.
12.9	39.9	4099.8	625.0	-2.6	-3.3	308.5	8.5	6.6	-5.3	310.1	324.2	4.8	94.9	2.1	27.
13.9	42.6	4424.4	600.0	-1.9	-4.9	283.2	10.3	10.1	-2.4	314.4	327.8	4.5	81.3	2.3	43.
15.0	45.6	4762.6	575.0	-3.3	-20.3	269.7	10.5	10.5	0.0	316.3	320.6	1.3	25.4	2.8	55.
16.2	48.8	5112.3	550.0	-6.6	-16.0	274.6	11.1	11.1	-0.9	316.4	322.7	2.0	47.6	3.4	61.
17.3	51.8	5474.1	525.0	-9.3	-10.0	286.8	11.3	10.8	-3.3	317.6	328.1	3.4	95.1	4.1	68.
18.5	55.1	5850.3	500.0	-11.7	-12.2	297.7	12.1	10.7	-5.6	319.1	328.5	3.0	95.7	4.7	76.
19.7	58.4	6242.1	475.0	-14.0	-14.8	283.5	13.8	13.5	-3.2	321.0	329.1	2.6	93.4	5.4	82.
21.0	61.9	6651.2	450.0	-16.3	-18.3	268.3	16.4	16.4	0.5	322.9	329.4	2.0	84.8	6.6	94.
22.3	65.5	7079.4	425.0	-19.3	-21.6	267.0	18.9	18.9	1.0	324.4	329.7	1.6	81.9	8.0	84.
23.9	69.3	7527.0	400.0	-22.9	-24.3	279.7	21.4	21.1	-3.6	325.3	329.8	1.3	88.4	9.8	86.
25.6	73.2	7996.7	375.0	-26.7	-27.7	282.3	22.0	21.5	-4.7	326.3	329.9	1.0	91.3	12.0	89.
27.4	77.5	8492.0	350.0	-29.8	-34.6	278.4	19.8	19.6	-2.9	328.6	330.6	0.6	62.6	14.2	91.
29.2	82.0	9016.1	325.0	-34.0	-40.5	282.1	21.2	20.7	-4.4	329.8	331.0	0.3	51.1	16.4	92.
30.9	86.3	9571.6	300.0	-38.5	-44.3	287.9	23.3	22.1	-7.2	331.0	331.9	0.2	54.3	18.7	93.
33.0	91.3	10163.4	275.0	-43.2	99.9	293.1	27.8	25.6	-10.9	332.7	999.9	99.9	999.9	21.6	96.
35.4	96.4	10799.0	250.0	-47.6	99.9	296.6	31.2	27.9	-14.0	335.4	999.9	99.9	999.9	25.8	99.
38.1	102.0	11485.3	225.0	-53.2	99.9	302.1	33.3	28.2	-17.7	337.0	999.9	99.9	999.9	30.9	102.
40.8	108.3	12231.7	200.0	-60.2	99.9	301.4	36.1	30.8	-18.8	337.5	999.9	99.9	999.9	36.4	105.
43.8	114.5	13054.4	175.0	-63.8	99.9	294.1	39.5	36.0	-16.1	344.6	999.9	99.9	999.9	42.9	107.
47.2	121.7	14004.2	150.0	-60.1	99.9	302.1	23.6	20.0	-12.5	366.6	999.9	99.9	999.9	49.5	109.
51.2	129.0	15133.1	125.0	-64.1	99.9	286.1	34.7	33.3	-9.6	378.9	999.9	99.9	999.9	55.8	109.
55.9	137.0	16486.4	100.0	-68.7	99.9	295.4	18.9	17.1	-8.1	395.0	999.9	99.9	999.9	61.4	109.
61.8	145.0	18183.1	75.0	-68.9	99.9	234.3	4.2	3.4	2.4	420.4	999.9	99.9	999.9	64.2	108.
70.1	153.3	20643.2	50.0	-59.8	99.9	302.1	6.9	5.9	-3.7	502.6	999.9	99.9	999.9	67.3	109.
83.5	162.0	25049.9	25.0	-52.7	99.9	96.3	4.6	-4.6	0.5	633.1	999.9	99.9	999.9	68.9	111.

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

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
515 GMT

166 23. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	11.0	1021.0	18.1	13.4	140.0	1.0	-0.6	0.8	290.8	315.5	9.5	74.0	0.0	0.
0.8	6.2	191.7	1000.0	23.3	11.4	161.8	8.0	-2.5	7.6	297.6	320.4	8.5	47.2	0.3	333.
1.5	8.7	412.2	975.0	21.9	11.9	168.0	8.9	-1.8	8.7	298.4	322.6	9.0	53.0	0.7	340.
2.3	11.1	637.1	950.0	19.7	11.2	167.5	10.3	-2.2	10.1	298.4	322.1	8.8	57.9	1.1	343.
3.1	13.6	866.7	925.0	18.1	11.2	165.5	10.4	-2.6	10.0	299.1	323.5	9.1	63.8	1.6	345.
3.9	15.9	1100.8	900.0	15.8	9.5	165.1	11.3	-2.9	10.9	298.9	321.4	8.3	66.1	2.1	344.
4.7	18.6	1339.7	875.0	13.8	10.3	175.3	10.9	-0.9	10.9	299.3	323.8	9.1	79.3	2.7	345.
5.6	21.0	1583.7	850.0	11.5	10.4	186.6	11.5	1.3	11.5	299.4	324.6	9.4	92.6	3.2	348.
6.5	23.7	1833.5	825.0	10.1	6.0	199.8	12.1	4.1	11.3	300.3	320.1	7.3	76.6	3.8	352.
7.3	26.1	2089.8	800.0	11.3	-43.0	217.8	8.0	4.9	6.3	303.2	303.6	0.1	1.0	4.3	356.
8.4	28.9	2354.3	775.0	10.6	-43.4	250.7	4.9	4.6	1.6	305.3	305.6	0.1	1.0	4.4	1.
9.4	31.8	2626.1	750.0	8.1	-3.8	286.6	3.3	3.1	-0.9	305.8	317.1	3.9	43.1	4.5	4.
10.3	34.6	2905.5	725.0	7.0	-7.3	341.8	3.2	1.0	-3.0	307.5	316.7	3.1	35.6	4.3	6.
11.3	37.3	3193.4	700.0	5.9	-11.4	6.8	4.2	-0.5	-4.1	309.3	316.3	2.3	27.6	4.1	6.
12.4	40.3	3490.2	675.0	4.4	-31.1	356.4	4.7	0.3	-4.7	310.6	312.5	0.6	7.5	3.8	6.
13.4	43.0	3796.7	650.0	4.3	-22.9	340.2	5.7	1.9	-5.4	313.9	316.9	0.9	11.7	3.6	7.
14.5	46.1	4114.9	625.0	2.6	-21.8	344.8	6.5	1.7	-6.3	315.6	319.3	1.1	15.5	3.2	11.
15.7	49.3	4443.8	600.0	0.3	-9.5	344.1	7.9	2.2	-7.6	316.8	326.4	3.1	47.6	2.7	15.
16.8	52.3	4783.2	575.0	-2.6	-13.7	339.7	9.6	3.3	-9.0	317.2	324.5	2.3	42.1	2.3	23.
18.1	55.4	5133.9	550.0	-5.8	-12.4	329.0	12.1	6.2	-10.3	317.6	326.0	2.7	59.6	1.8	43.
19.4	58.7	5497.7	525.0	-7.1	-14.6	323.2	12.8	7.7	-10.3	320.2	327.6	2.3	55.0	1.9	74.
20.7	62.3	5876.3	500.0	-10.0	-16.3	321.9	11.8	7.3	-9.3	321.1	328.0	2.1	59.5	2.4	96.
21.9	65.7	6270.3	475.0	-12.5	-20.0	309.0	9.9	7.7	-6.2	322.7	328.1	1.6	53.4	3.1	106.
23.4	69.3	6680.9	450.0	-15.8	-23.9	296.5	11.6	10.4	-5.2	323.4	327.5	1.2	49.6	3.9	109.
24.8	72.8	7109.4	425.0	-18.7	-26.5	295.3	11.0	9.9	-4.7	325.1	328.6	1.0	50.1	5.0	110.
26.5	76.8	7558.1	400.0	-21.7	-29.3	293.1	10.0	9.2	-3.9	326.8	329.7	0.8	50.0	6.0	111.
28.2	80.7	8031.5	375.0	-24.1	-60.7	300.6	13.9	12.0	-7.1	329.7	329.9	0.0	2.9	7.2	112.
29.9	85.0	8530.5	350.0	-27.8	-67.7	296.8	17.9	16.0	-8.1	331.1	331.2	0.0	1.0	8.8	113.
31.7	89.0	9057.9	325.0	-32.4	-41.7	303.2	19.4	16.3	-10.6	332.0	333.1	0.3	38.6	10.9	114.
33.8	93.8	9616.6	300.0	-37.3	-45.3	305.1	21.6	17.7	-12.5	332.8	333.6	0.2	42.5	13.4	117.
36.0	98.5	10211.2	275.0	-42.6	99.9	308.4	24.2	19.0	-15.0	333.6	999.9	99.9	999.9	16.3	116.
38.4	103.4	10847.4	250.0	-48.0	99.9	313.3	27.6	20.1	-18.9	334.7	999.9	99.9	999.9	19.9	121.
41.2	109.0	11533.0	225.0	-53.7	99.9	315.4	31.3	22.0	-22.3	336.2	999.9	99.9	999.9	24.6	123.
44.4	114.8	12281.4	200.0	-59.0	99.9	315.2	34.0	23.9	-24.1	339.3	999.9	99.9	999.9	30.5	125.
47.5	121.0	13107.3	175.0	-64.6	99.9	310.2	31.0	23.7	-20.0	343.4	999.9	99.9	999.9	36.4	127.
51.1	127.8	14055.2	150.0	-62.9	99.9	304.5	20.4	16.8	-11.5	361.7	999.9	99.9	999.9	42.2	128.
55.4	135.3	15172.7	125.0	-65.9	99.9	298.5	22.9	20.1	-10.9	375.6	999.9	99.9	999.9	47.7	127.
60.6	142.7	16513.5	100.0	-69.6	99.9	307.3	13.5	10.7	-8.2	393.3	999.9	99.9	999.9	53.1	126.
66.5	150.7	18213.4	75.0	-69.6	99.9	289.1	5.6	5.3	-1.8	427.1	999.9	99.9	999.9	55.1	126.
75.2	159.3	20671.5	50.0	-61.0	99.9	283.9	3.4	3.3	-0.8	500.0	999.9	99.9	999.9	57.0	127.
89.6	168.3	25085.1	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 CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226
CENTERVILLE, ALA

24 APRIL 1975
514 GMT

165 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	140.0	1003.9	18.2	15.1	190.0	3.6	0.6	3.5	292.5	320.5	10.8	82.0	0.0	0.
0.2	6.2	173.6	1000.0	19.4	14.5	195.2	14.5	3.8	14.0	293.9	321.2	10.4	73.3	0.3	360.
1.0	8.6	391.8	975.0	18.6	16.2	193.3	15.1	3.5	14.7	295.5	326.8	12.0	85.6	0.7	9.
2.1	10.8	614.8	950.0	18.8	2.0	191.6	19.3	3.9	19.0	297.0	310.5	4.9	34.6	1.9	10.
3.1	13.3	843.3	925.0	17.9	3.3	197.0	15.4	4.5	14.7	298.3	313.0	5.3	38.0	3.0	12.
4.2	15.7	1077.0	900.0	15.2	12.4	195.4	16.2	4.3	15.6	298.5	325.7	10.2	84.2	4.0	13.
5.2	18.1	1315.5	875.0	13.6	10.9	196.0	13.3	3.7	12.7	299.2	324.5	9.4	83.4	4.9	13.
6.3	20.5	1559.6	850.0	11.9	10.5	204.8	14.3	6.0	12.9	299.9	325.4	9.5	91.2	5.7	14.
7.4	23.0	1809.9	825.0	12.2	7.8	226.0	11.9	8.6	8.2	302.6	324.8	8.1	74.4	6.6	17.
8.6	25.5	2068.5	800.0	12.2	3.2	233.0	10.1	8.1	6.1	305.0	322.0	6.1	54.2	7.2	20.
9.9	28.1	2333.8	775.0	10.0	3.2	245.4	11.6	10.5	4.8	305.4	323.1	6.2	62.4	7.8	24.
11.1	30.9	2605.6	750.0	8.0	1.0	243.3	11.2	10.0	5.0	306.0	321.7	5.5	61.0	8.5	28.
12.5	33.6	2884.7	725.0	6.4	-2.9	237.0	11.7	9.8	6.4	307.0	319.4	4.3	51.6	9.2	31.
13.8	36.1	3171.8	700.0	4.8	-3.6	249.7	11.6	10.9	4.0	308.4	320.7	4.2	54.2	10.2	34.
15.1	39.0	3468.9	675.0	4.8	-4.8	276.4	13.3	13.2	-1.5	311.6	323.3	4.0	49.5	10.7	38.
16.6	41.8	3776.0	650.0	3.1	-5.7	280.2	14.7	14.4	-2.6	313.0	324.5	3.9	52.2	11.3	43.
18.1	44.7	4092.7	625.0	0.6	-8.6	272.2	13.5	13.5	-0.5	313.6	323.3	3.2	49.8	12.2	46.
19.7	47.8	4419.1	600.0	-2.0	-9.0	268.6	13.9	13.9	0.3	314.2	324.0	3.2	58.5	13.2	52.
21.3	50.8	4756.1	575.0	-4.7	-9.7	265.1	10.2	10.1	0.9	314.8	324.6	3.2	68.2	14.1	55.
22.7	53.9	5104.2	550.0	-7.4	-14.3	259.8	11.0	10.9	1.9	315.6	322.8	2.3	57.9	14.9	56.
24.3	57.0	5464.6	525.0	-10.7	-16.7	256.9	12.7	12.3	2.9	315.8	322.0	2.0	61.0	16.0	58.
26.0	60.4	5838.8	500.0	-12.9	-20.0	275.4	11.0	10.9	-1.0	317.5	322.5	1.6	54.9	17.0	59.
27.8	63.9	6227.5	475.0	-15.9	-30.4	287.6	15.7	15.0	-4.8	318.3	320.5	0.6	27.6	18.1	62.
29.8	67.3	6634.1	450.0	-17.6	-37.9	287.7	21.1	20.1	-6.4	321.1	322.3	0.3	15.0	19.7	67.
31.8	70.8	7060.1	425.0	-20.4	-27.1	281.4	22.9	22.4	-4.5	322.9	326.1	1.0	55.0	21.9	71.
33.9	74.6	7505.2	400.0	-24.9	-27.8	279.4	21.4	21.2	-3.5	322.7	325.9	1.0	76.8	24.3	75.
36.1	78.7	7971.4	375.0	-28.4	-30.1	272.3	25.4	25.4	-1.0	324.1	326.9	0.8	85.0	27.3	77.
38.5	82.5	8463.2	350.0	-31.3	-37.7	274.4	27.9	27.8	-2.2	326.5	328.0	0.4	53.2	30.9	79.
40.9	86.6	8983.7	325.0	-35.3	-44.7	280.5	30.2	29.7	-5.5	327.9	328.8	0.2	37.7	35.1	81.
43.3	91.2	9536.9	300.0	-39.0	99.9	281.3	32.6	31.9	-6.4	330.4	999.9	99.9	999.9	39.4	83.
46.0	95.8	10127.8	275.0	-44.2	99.9	290.8	30.3	28.4	-10.8	331.3	999.9	99.9	999.9	44.0	86.
48.9	100.7	10761.3	250.0	-48.3	99.9	284.2	37.5	36.3	-9.2	334.2	999.9	99.9	999.9	49.7	88.
52.3	106.0	11444.8	225.0	-54.4	99.9	282.7	43.4	42.3	-5.5	335.2	999.9	99.9	999.9	56.8	91.
55.8	111.6	12190.5	200.0	-59.8	99.9	282.3	39.8*	38.8	-8.5	338.2	999.9	99.9	999.9	64.1	92.
59.1	117.8	13013.1	175.0	-65.7	99.9	275.3	30.6*	30.5	-2.8	341.5	999.9	99.9	999.9	72.7	93.
63.4	124.7	13955.8	150.0	-62.8	99.9	276.2	32.7*	32.5	-3.5	341.9	999.9	99.9	999.9	82.7	93.
68.4	132.0	15075.9	125.0	-64.0	99.9	286.7	24.1*	23.1	-6.9	379.1	999.9	99.9	999.9	91.0	94.
73.7	139.3	16424.9	100.0	-68.6	99.9	280.8	14.3*	14.0	-2.7	395.2	999.9	99.9	999.9	98.5	94.
80.9	147.3	18133.6	75.0	-68.6	99.9	341.6	4.7*	1.5	-4.5	429.1	999.9	99.9	999.9	103.8	94.
91.2	156.0	20605.5	50.0	-61.2	99.9	267.7	4.6*	4.6	0.2	499.3	999.9	99.9	999.9	107.3	94.
108.4	164.7	25002.0	25.0	-52.8	99.9	239.0	2.6	2.2	1.3	633.4	999.9	99.9	999.9	108.1	96.

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

GV

STATION NO. 232
BOOTHVILLE, LA

24 APRIL 1975
515 GMT

156 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	4.8	1.0	1019.1	20.6	20.4	130.0	3.6	-2.8	2.3	294.2	332.8	15.0	99.0	0.0	0.
0.6	6.3	165.6	1000.0	21.0	20.4	146.9	17.2	-9.4	14.4	296.2	335.9	15.3	96.7	0.5	322.
1.5	8.5	385.4	975.0	20.0	19.4	157.8	13.6	-5.1	12.6	297.2	335.7	14.7	96.5	1.3	328.
2.3	10.6	610.0	950.0	19.1	17.7	164.7	12.7	-3.4	12.3	298.4	334.2	13.6	91.8	2.0	333.
3.2	12.8	839.7	925.0	18.3	15.7	168.9	10.9	-2.1	10.7	299.7	332.2	12.2	84.4	2.6	336.
4.2	15.1	1074.8	900.0	17.0	14.1	168.1	8.7	-1.8	8.5	300.6	331.0	11.4	83.1	3.1	339.
5.2	17.2	1315.4	875.0	16.2	9.3	173.6	10.7	-1.2	10.6	301.8	324.9	8.5	63.6	3.7	340.
6.1	19.6	1561.9	850.0	15.0	6.5	180.3	10.5	0.1	10.5	302.8	322.7	7.2	56.7	4.3	343.
7.1	21.8	1814.6	825.0	14.3	5.9	186.8	9.7	1.1	9.6	304.6	324.5	7.1	57.0	4.8	345.
8.1	24.3	2074.1	800.0	12.8	3.9	193.7	10.8	2.5	10.5	305.7	323.6	6.3	54.4	5.4	348.
9.1	26.6	2340.2	775.0	11.2	1.2	201.1	9.9	3.6	9.2	306.6	322.1	5.4	50.4	6.0	351.
10.1	29.1	2613.6	750.0	10.9	-13.2	205.4	8.7	3.8	7.9	308.7	314.3	1.8	16.9	6.5	354.
11.1	31.8	2896.3	725.0	11.4	-24.4	232.3	5.1	4.1	3.1	312.1	314.5	0.7	6.2	6.3	356.
12.3	34.4	3188.2	700.0	9.8	-33.1	287.4	4.2	4.0	-1.2	313.4	314.5	0.3	3.1	6.8	359.
13.4	36.9	3488.8	675.0	8.0	-24.9	301.7	3.4	2.9	-1.8	314.7	317.3	0.8	7.7	6.7	0.
14.6	39.8	3792.5	650.0	5.5	-16.6	305.9	4.5	3.7	-2.7	315.4	320.5	1.6	18.5	6.5	2.
15.8	42.3	4117.5	625.0	2.8	-16.3	301.5	5.8	4.9	-3.0	315.9	321.3	1.7	22.8	6.3	5.
17.0	45.3	4446.3	600.0	0.3	-12.6	296.1	6.6	5.9	-2.9	316.8	324.4	2.4	37.3	6.1	9.
18.3	48.3	4786.0	575.0	-2.5	-11.8	280.5	8.3	8.2	-1.5	317.4	325.8	2.7	48.7	6.1	14.
19.6	51.1	5137.7	550.0	-4.1	-12.9	274.9	9.4	9.3	-0.8	319.5	327.6	2.6	50.3	6.2	21.
21.0	54.3	5502.7	525.0	-7.2	-17.2	286.1	10.0	9.6	-2.8	320.0	326.0	1.9	44.4	6.4	28.
22.5	57.3	5882.0	500.0	-8.8	-22.8	283.4	8.5	8.3	-2.0	322.5	326.5	1.2	31.1	6.6	35.
23.8	60.5	6277.2	475.0	-12.0	-22.6	289.1	10.5	10.0	-3.4	323.3	327.6	1.3	40.7	6.9	41.
25.4	64.0	6688.2	450.0	-15.4	-26.8	287.6	12.7	12.1	-3.9	324.0	327.1	0.9	36.6	7.4	49.
27.0	67.2	7117.3	425.0	-18.6	-32.7	289.0	14.5	13.7	-4.7	325.2	327.1	0.6	27.4	8.1	56.
28.6	70.7	7565.8	400.0	-22.8	-35.5	291.6	15.5	14.4	-5.7	325.4	327.0	0.5	30.1	9.1	64.
30.3	74.3	8036.5	375.0	-25.4	-35.9	286.4	15.0	14.4	-4.2	327.9	329.7	0.5	38.5	10.3	70.
32.1	78.3	8533.8	350.0	-29.0	-33.0	286.7	17.8	17.1	-5.1	329.7	332.1	0.7	68.1	11.7	75.
34.0	82.2	9059.5	325.0	-32.9	-36.6	288.5	21.0	20.0	-6.7	331.3	333.1	0.5	69.4	13.6	80.
36.0	86.3	9617.3	300.0	-37.6	-43.0	283.2	23.6	23.0	-5.4	332.3	333.4	0.3	56.2	16.2	85.
38.5	91.0	10210.8	275.0	-42.7	99.9	274.7	24.6	24.5	-2.0	333.4	999.9	99.9	999.9	19.5	87.
40.9	95.7	10847.9	250.0	-47.7	99.9	276.0	27.9	27.7	-2.9	335.2	999.9	99.9	999.9	23.3	89.
43.2	100.5	11535.2	225.0	-53.1	99.9	272.4	29.1	29.1	-1.2	337.1	999.9	99.9	999.9	27.3	89.
46.0	106.0	12283.4	200.0	-58.8	99.9	270.9	30.3	30.3	-0.5	339.6	999.9	99.9	999.9	32.4	90.
49.1	111.8	13108.3	175.0	-65.4	99.9	270.9	29.1	29.1	-0.5	342.0	999.9	99.9	999.9	38.3	90.
52.8	118.0	14057.1	150.0	-60.6	99.9	282.8	28.2	27.5	-6.2	365.6	999.9	99.9	999.9	44.3	91.
57.0	125.3	15177.9	125.0	-66.2	99.9	266.2	21.5	21.4	1.4	375.1	999.9	99.9	999.9	50.0	92.
62.1	132.7	16513.2	100.0	-70.9	99.9	270.7	16.1	16.1	-0.2	390.7	999.9	99.9	999.9	55.2	91.
68.1	140.3	18204.9	75.0	-72.3	99.9	277.9	7.9	7.8	-1.1	421.4	999.9	99.9	999.9	58.7	92.
77.0	148.3	20660.0	50.0	-60.9	99.9	286.3	1.8	1.8	-0.5	500.1	999.9	99.9	999.9	60.1	92.
91.5	156.3	25070.4	25.0	-53.0	99.9	74.6	4.5	-4.3	-1.2	633.0	999.9	99.9	999.9	58.4	94.

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

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
515 GMT

166 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	100.0	1006.0	22.2	19.4	180.0	6.2	0.0	6.2	296.8	333.9	14.2	84.0	0.0	0.
0.2	4.7	152.2	1000.0	21.4	19.3	179.0	12.6	-0.4	12.6	296.4	333.6	14.3	88.2	0.2	357.
0.9	6.6	372.0	975.0	20.1	18.9	180.4	14.3	0.1	14.3	297.3	334.7	14.3	93.1	0.7	356.
1.7	8.9	596.3	950.0	18.1	17.3	190.8	17.2	3.2	16.9	297.3	332.1	13.2	95.3	1.3	1.
2.4	10.9	825.5	925.0	18.5	15.9	203.2	19.4	7.6	17.8	299.9	333.0	12.4	84.8	2.1	7.
3.2	13.3	1060.8	900.0	17.0	15.3	212.9	19.9	10.8	16.7	300.7	333.5	12.3	89.6	3.0	14.
4.0	15.5	1301.3	875.0	15.3	13.6	218.0	21.1	13.0	16.6	301.2	331.5	11.3	89.2	3.9	19.
4.7	17.7	1547.1	850.0	13.9	12.1	218.1	21.4	13.2	16.9	302.1	330.6	10.5	89.0	4.9	23.
5.6	20.2	1799.6	825.0	14.3	8.7	210.7	20.6	10.5	17.7	304.9	328.7	8.6	68.8	5.9	25.
6.4	22.5	2060.0	800.0	15.2	-10.9	217.2	19.5	11.8	15.5	307.6	313.9	2.1	15.3	7.0	26.
7.4	25.0	2328.0	775.0	14.5	-12.5	225.3	17.9	12.7	12.6	309.7	315.5	1.9	14.2	8.0	28.
8.3	27.3	2604.0	750.0	13.5	-13.9	226.6	16.1	11.7	11.1	311.4	317.0	1.8	13.8	8.0	30.
9.3	30.0	2888.5	725.0	12.4	-11.0	231.5	14.7	11.5	9.1	313.3	320.4	2.3	18.4	9.7	32.
10.1	32.6	3181.6	700.0	10.2	-9.7	243.2	14.2	12.7	6.4	314.2	322.3	2.6	23.5	10.4	33.
11.1	35.4	3482.7	675.0	7.9	-10.1	261.3	15.0	14.9	2.3	314.9	323.0	2.6	26.6	11.0	36.
12.7	38.0	3792.0	650.0	4.8	-11.8	265.4	14.1	14.1	1.1	314.7	322.1	2.4	28.7	12.1	42.
14.8	40.7	4110.3	625.0	1.8	-12.1	264.4	15.5	15.4	1.5	314.8	322.3	2.4	35.0	13.5	47.
18.2	43.6	4437.0	600.0	-2.1	-11.7	269.7	12.2	12.2	0.1	314.0	322.0	2.6	47.5	15.8	53.
19.3	46.6	4774.0	575.0	-4.5	-12.4	265.9	15.4	15.4	1.1	315.0	323.0	2.6	53.8	16.4	55.
20.3	49.8	5122.1	550.0	-7.3	-12.4	260.6	19.8	19.5	3.2	315.8	324.1	2.7	66.6	17.5	57.
21.6	52.8	5485.0	525.0	-8.5	-10.4	273.5	17.7	17.6	-1.1	318.5	328.7	3.3	86.4	18.7	59.
22.5	55.8	5861.9	500.0	-11.3	-12.4	271.7	17.5	17.5	-0.5	319.7	328.9	3.0	91.5	19.5	61.
23.7	59.3	6254.1	475.0	-13.8	-14.1	264.7	16.8	16.7	1.5	321.2	329.7	2.7	97.5	20.6	62.
24.8	62.7	6663.3	450.0	-16.8	-17.3	258.7	16.9	16.6	3.3	322.4	329.4	2.2	95.1	21.6	63.
26.2	66.1	7090.0	425.0	-20.1	-21.4	265.0	17.5	17.4	1.5	323.4	328.8	1.6	89.1	22.9	64.
27.8	70.0	7537.1	400.0	-23.4	-25.3	268.9	19.4	19.4	0.4	324.6	328.7	1.2	84.2	24.6	66.
29.3	73.5	8006.6	375.0	-27.0	-29.9	268.2	19.7	19.7	0.6	326.0	328.9	0.8	75.8	26.2	67.
30.9	77.7	8500.0	350.0	-31.2	-34.5	263.4	22.2	22.0	2.6	326.6	328.6	0.6	72.4	28.1	69.
32.5	81.7	9020.6	325.0	-35.4	-39.8	269.3	21.9	21.9	0.3	327.8	329.1	0.4	63.7	30.2	70.
34.3	86.0	9572.7	300.0	-39.8	-46.3	271.6	28.8	28.8	-0.8	329.1	329.9	0.2	49.4	32.7	72.
36.7	90.8	10160.9	275.0	-44.8	99.9	270.8	35.7	35.7	-0.5	330.3	999.9	99.9	999.9	37.2	74.
39.7	95.7	10793.3	250.0	-48.7	99.9	272.4	41.9	41.8	-1.7	333.6	999.9	99.9	999.9	44.3	77.
42.9	100.8	11478.3	225.0	-53.5	99.9	266.4	36.5	36.4	2.3	336.6	999.9	99.9	999.9	51.8	79.
45.9	106.5	12226.6	200.0	-59.1	99.9	262.5	46.7	46.3	6.1	339.3	999.9	99.9	999.9	58.9	80.
48.7	112.8	13052.8	175.0	-64.0	99.9	261.8	31.6	31.2	4.5	344.4	999.9	99.9	999.9	65.3	80.
52.5	119.7	14000.3	150.0	-62.9	99.9	272.7	25.8	25.8	-1.2	361.7	999.9	99.9	999.9	72.0	80.
56.7	127.3	15117.7	125.0	-65.0	99.9	273.6	29.1	29.1	-1.8	377.3	999.9	99.9	999.9	79.0	82.
61.6	136.0	16458.9	100.0	-69.6	99.9	270.5	21.2	21.2	-0.2	393.3	999.9	99.9	999.9	85.8	82.
67.6	144.7	19165.7	75.0	-67.9	99.9	218.8	9.4	5.9	7.3	430.6	999.9	99.9	999.9	91.4	82.
76.4	155.0	20647.3	50.0	-60.6	99.9	66.6	3.6	-3.3	-1.4	500.6	999.9	99.9	999.9	94.0	81.
91.3	167.0	25034.8	25.0	-53.2	99.9	118.2	2.2	-2.0	1.0	631.6	999.9	99.9	999.9	91.8	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. 240
LAKE CHARLES, LA

24 APRIL 1975
515 GMT

160 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.2	5.0	1016.4	22.2	21.7	140.0	5.1	-3.3	3.9	296.2	338.4	16.3	97.0	0.0	0.
0.5	4.5	146.9	1000.0	21.1	20.3	159.7	14.6	-5.1	13.7	296.3	335.8	15.2	95.2	0.4	332.
1.2	6.2	366.6	975.0	20.2	19.4	165.4	13.5	-3.4	13.0	297.4	335.8	14.7	95.0	0.9	337.
2.1	8.2	591.1	950.0	18.6	17.7	171.2	12.3	-1.9	12.1	297.8	333.4	13.5	94.6	1.6	343.
2.8	10.2	820.1	925.0	16.6	15.7	174.2	11.1	-1.1	11.0	298.0	330.4	12.3	94.3	2.1	345.
3.7	12.1	1053.9	900.0	16.0	12.3	192.7	9.0	2.0	8.8	299.3	326.3	10.1	78.9	2.6	348.
4.6	14.2	1293.7	875.0	16.2	2.1	201.8	10.8	4.0	10.0	301.3	315.6	5.1	38.6	3.0	354.
5.4	16.1	1540.0	850.0	15.9	0.6	192.2	10.5	2.2	10.3	303.4	316.9	4.7	35.8	3.6	357.
6.4	18.3	1792.9	825.0	14.2	5.8	190.1	9.5	1.7	9.4	304.5	324.2	7.0	57.0	4.1	359.
7.4	20.4	2052.1	800.0	12.3	-0.7	188.3	9.6	1.4	9.5	304.9	318.3	4.7	41.6	4.7	0.
8.3	22.5	2317.8	775.0	12.2	-17.9	189.3	12.5	2.0	12.3	307.1	311.6	1.5	13.0	5.3	0.
9.3	24.9	2592.4	750.0	13.9	-41.4	198.4	15.3	4.8	14.5	311.6	312.1	0.1	1.0	6.1	2.
10.3	27.0	2877.2	725.0	13.4	-41.7	216.5	14.5	8.7	11.7	314.2	314.7	0.1	1.0	7.0	5.
11.4	29.4	3170.8	700.0	11.2	-37.1	234.7	16.2	13.2	9.3	314.9	315.9	0.3	2.4	7.7	10.
12.4	32.0	3472.8	675.0	9.3	-24.0	239.5	17.1	14.7	8.7	316.2	318.8	0.8	7.5	8.4	16.
13.5	34.5	3784.3	650.0	7.2	-18.1	236.6	15.5	13.0	8.6	317.3	321.9	1.4	14.6	9.3	20.
14.6	36.9	4105.1	625.0	4.8	-15.1	232.8	15.6	12.4	9.4	318.2	324.2	1.9	21.9	10.1	23.
15.5	39.6	4436.3	600.0	2.1	-14.4	239.0	14.5	12.6	7.5	318.8	325.4	2.1	28.5	10.9	26.
16.7	42.1	4777.8	575.0	-1.1	-12.2	253.6	12.9	12.3	3.6	319.0	327.2	2.6	42.7	11.6	29.
18.0	44.9	5130.7	550.0	-4.1	-9.6	253.9	12.9	12.4	3.6	319.6	330.1	3.4	65.7	12.3	32.
19.2	47.9	5495.7	525.0	-7.5	-8.5	249.9	10.8	10.1	3.7	319.8	331.6	3.8	92.4	13.0	35.
20.5	50.7	5873.6	500.0	-11.1	-12.8	247.3	12.7	11.7	4.9	319.8	328.8	2.9	87.5	13.7	37.
21.8	53.6	6265.6	475.0	-13.2	-26.4	257.8	14.2	13.9	3.0	321.7	325.1	1.0	34.5	14.6	39.
23.4	56.6	6675.6	450.0	-15.8	-26.1	262.3	18.5	18.4	2.5	323.5	326.9	1.0	40.8	15.8	43.
25.0	60.0	7103.6	425.0	-19.0	-28.5	268.1	17.9	17.9	0.6	324.6	327.5	0.8	42.6	17.1	47.
26.6	63.5	7552.2	400.0	-22.7	-29.6	270.7	19.2	19.2	-0.2	325.6	328.4	0.8	52.7	18.6	51.
29.1	66.9	8022.3	375.0	-26.5	-29.5	275.8	19.7	19.6	-2.0	326.6	329.6	0.9	75.3	19.9	54.
30.0	70.6	8517.0	350.0	-30.2	-35.0	274.0	23.7	23.6	-1.6	328.0	329.9	0.6	62.6	21.6	58.
31.8	74.5	9041.1	325.0	-33.8	-41.1	273.5	26.1	26.1	-1.6	330.0	331.2	0.3	47.2	24.0	62.
33.6	78.7	9597.2	300.0	-37.6	-51.3	272.7	28.8	28.7	-1.4	332.3	332.7	0.1	22.0	26.5	65.
35.6	82.8	10191.1	275.0	-42.7	99.9	270.1	29.3	29.3	-0.1	333.4	999.9	999.9	999.9	29.7	66.
37.7	87.4	10828.3	250.0	-47.5	99.9	267.8	29.4	29.4	1.1	335.5	999.9	999.9	999.9	32.9	70.
39.9	92.5	11517.0	225.0	-52.7	99.9	261.6	31.2	30.9	4.5	337.8	999.9	999.9	999.9	37.1	72.
42.3	98.0	12267.1	200.0	-58.3	99.9	254.2	28.7	27.6	7.8	340.5	999.9	999.9	999.9	41.5	73.
45.0	104.0	13095.0	175.0	-64.8	99.9	261.0	29.6	29.4	4.7	343.0	999.9	999.9	999.9	46.2	73.
48.3	110.6	14043.9	150.0	-61.2	99.9	262.3	28.4	28.1	3.8	364.7	999.9	999.9	999.9	51.8	74.
52.0	118.0	15166.7	125.0	-65.4	99.9	259.7	18.6	18.3	3.3	376.5	999.9	999.9	999.9	57.5	75.
56.4	126.3	16512.4	100.0	-69.8	99.9	268.5	19.4	19.4	0.5	392.8	999.9	999.9	999.9	62.9	75.
61.7	136.3	18203.5	75.0	-72.3	99.9	247.3	11.2	10.3	4.3	421.3	999.9	999.9	999.9	66.8	76.
70.0	146.3	20680.0	50.0	-60.8	99.9	236.3	3.6	3.1	1.8	500.3	999.9	999.9	999.9	69.4	76.
83.4	156.7	25104.4	25.0	-53.0	99.9	81.5	5.7	-5.7	-0.8	632.8	999.9	999.9	999.9	68.1	77.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
515 GMT

160 12. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	79.0	1004.4	22.0	17.6	190.0	4.6	0.8	4.5	296.5	329.8	12.7	76.0	0.0	0.
0.1	4.8	117.3	1000.0	21.9	17.8	191.3	7.7	1.5	7.6	296.8	330.7	13.0	77.7	0.2	5.
1.0	6.7	337.6	975.0	20.9	17.9	191.3	11.2	2.2	11.0	298.0	333.3	13.4	82.8	0.6	10.
1.9	8.9	562.5	950.0	19.2	17.4	193.2	17.5	4.0	17.0	298.5	333.6	13.3	89.5	1.3	11.
2.8	11.0	792.4	925.0	19.6	13.8	193.9	20.7	5.0	20.0	300.8	329.8	10.8	69.2	2.4	12.
3.9	13.3	1028.3	900.0	18.3	11.9	200.6	20.1	7.1	18.8	301.7	328.3	9.8	66.2	3.8	14.
5.0	15.6	1269.8	875.0	17.7	4.5	206.3	20.2	8.9	18.1	303.0	320.0	6.1	41.6	5.1	16.
6.1	17.9	1517.4	850.0	17.1	3.6	214.6	21.4	12.1	17.6	304.8	321.4	5.9	40.7	6.3	19.
7.0	20.3	1771.5	825.0	15.5	3.4	215.9	20.2	11.8	16.3	305.8	322.7	5.9	44.2	7.4	22.
7.9	22.6	2031.8	800.0	13.8	2.9	210.5	16.6	8.4	14.3	306.6	323.5	5.9	47.8	8.5	23.
9.1	25.2	2299.3	775.0	14.2	-9.3	213.4	18.7	10.3	15.7	309.4	316.8	2.5	18.9	9.6	24.
10.1	27.5	2575.2	750.0	13.0	-15.7	221.0	18.0	11.8	13.6	310.9	315.6	1.5	12.0	10.8	25.
11.2	30.2	2858.6	725.0	10.9	-17.3	233.7	17.0	13.7	10.1	311.6	315.9	1.4	12.0	11.9	27.
12.3	32.9	3149.9	700.0	9.5	-15.5	231.7	15.4	12.1	9.5	313.2	318.3	1.6	15.5	12.8	30.
13.4	35.5	3451.2	675.0	7.8	-1.2	244.5	18.2	16.4	7.8	315.1	330.5	5.2	52.9	13.8	32.
14.6	38.1	3761.3	650.0	5.4	-2.6	248.8	17.7	16.5	6.4	315.7	330.3	4.9	56.4	15.0	35.
15.9	40.8	4080.8	625.0	2.8	-4.5	256.4	15.5	15.1	3.6	316.2	329.5	4.4	58.5	16.0	38.
17.3	43.8	4409.8	600.0	-0.0	-8.7	256.5	18.5	18.0	4.3	316.5	326.7	3.3	52.0	17.1	41.
18.5	46.6	4749.6	575.0	-2.3	-9.6	251.2	21.6	21.3	3.3	317.6	327.6	3.2	57.9	18.2	43.
19.8	49.8	5101.1	550.0	-5.2	-6.7	260.2	23.9	23.5	4.1	318.5	331.3	4.2	88.5	19.7	47.
21.2	52.6	5465.1	525.0	-8.4	-9.5	259.8	26.7	26.3	4.7	318.7	329.6	3.5	92.0	21.5	50.
22.5	55.6	5841.6	500.0	-12.1	-17.8	260.9	26.4	26.1	4.2	318.5	324.6	1.9	63.1	23.2	52.
23.9	58.9	6231.5	475.0	-15.8	-28.8	258.0	25.7	25.1	5.3	318.5	321.0	0.8	32.3	25.4	55.
25.6	62.1	6637.3	450.0	-17.8	-33.6	257.9	28.2	27.6	5.9	320.9	322.6	0.5	23.5	27.9	57.
27.1	65.5	7063.9	425.0	-19.5	-41.2	260.7	23.9	23.6	3.9	324.0	324.8	0.2	12.5	30.1	59.
28.8	69.0	7510.8	400.0	-23.5	-44.3	260.6	24.5	24.1	4.0	324.4	325.1	0.2	12.6	32.2	60.
30.4	72.6	7980.0	375.0	-27.2	-47.1	262.0	21.2	21.0	3.0	325.6	326.1	0.1	12.9	34.3	62.
32.1	76.5	8473.3	350.0	-30.8	-46.3	251.4	22.5	21.3	7.2	327.2	327.9	0.2	20.2	36.4	62.
33.9	80.4	8995.2	325.0	-34.8	-51.7	255.1	24.3	23.5	6.3	328.7	329.1	0.1	15.7	38.9	63.
35.0	84.7	9549.3	300.0	-39.0	-49.8	259.5	32.4	31.9	5.9	330.3	330.8	0.1	30.4	42.4	64.
38.3	89.0	10139.4	275.0	-44.1	99.9	260.3	31.8	31.3	5.4	331.4	999.9	99.9	999.9	46.6	66.
41.0	93.8	10771.7	250.0	-48.6	99.9	261.3	38.3	37.8	5.8	333.8	999.9	99.9	999.9	51.9	67.
44.0	98.8	11455.5	225.0	-54.4	99.9	257.1	40.7	39.6	9.1	335.1	999.9	99.9	999.9	58.5	69.
46.9	104.0	12200.2	200.0	-60.3	99.9	252.8	36.7*	35.1	10.9	337.3	999.9	99.9	999.9	65.8	69.
50.2	110.0	13027.8	175.0	-62.9	99.9	257.7	29.5*	28.9	6.3	346.2	999.9	99.9	999.9	71.7	70.
54.0	116.3	13986.1	150.0	-59.9	99.9	263.2	34.7*	34.4	4.1	366.9	999.9	99.9	999.9	78.5	71.
58.3	123.3	15112.6	125.0	-63.5	99.9	264.9	24.5*	24.4	2.2	380.1	999.9	99.9	999.9	87.0	72.
63.4	131.0	16463.9	100.0	-68.8	99.9	266.1	24.0*	24.0	1.7	394.8	999.9	99.9	999.9	94.4	73.
69.9	139.7	18170.7	75.0	-70.7	99.9	249.6	23.8*	22.3	8.3	424.7	999.9	99.9	999.9	99.9	73.
78.9	148.7	20667.7	50.0	-60.1	99.9	4.3	4.7	-0.3	-4.6	502.0	999.9	99.9	999.9	105.1	73.
94.0	158.3	25076.5	25.0	-52.1	99.9	298.0	3.3	2.9	-1.6	635.4	999.9	99.9	999.9	104.8	74.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
515 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	33.0	1009.0	24.0	21.9	170.0	7.7	-1.3	7.6	298.6	342.1	16.7	88.0	0.0	0.
0.1	4.8	111.9	1000.0	23.9	22.3	999.9	99.9	99.9	99.9	299.4	344.4	17.2	90.4	999.9	999.
0.8	6.5	334.0	975.0	22.6	21.8	999.9	99.9	99.9	99.9	300.2	345.2	17.1	94.7	999.9	999.
1.5	8.6	560.6	950.0	20.8	20.1	999.9	99.9	99.9	99.9	300.4	342.2	15.8	95.6	999.9	999.
2.1	10.6	791.8	925.0	19.5	18.7	179.8	19.5	-0.1	19.5	301.2	340.8	14.9	95.4	2.1	350.
2.9	12.6	1028.3	900.0	18.5	17.7	184.4	19.2	1.5	19.2	302.5	340.9	14.4	95.3	2.9	353.
3.6	14.8	1269.7	875.0	16.0	10.7	187.8	20.7	2.8	20.5	301.7	327.2	9.4	71.0	3.8	357.
4.3	16.8	1517.3	850.0	17.5	2.6	184.0	22.6	1.6	22.6	305.3	320.9	5.5	37.0	4.7	359.
5.2	19.2	1771.4	825.0	15.8	-6.4	182.6	20.3	0.9	20.3	305.6	314.4	3.0	21.9	5.8	359.
5.9	21.3	2031.9	800.0	16.0	-38.0	187.0	18.8	2.3	18.7	308.2	308.8	0.2	1.3	6.6	360.
6.8	23.6	2301.9	775.0	17.3	-39.3	195.4	19.8	5.2	19.1	312.4	313.0	0.2	1.0	7.6	1.
7.6	25.8	2580.7	750.0	17.2	-39.4	201.0	18.5	6.6	17.3	315.3	315.9	0.2	1.0	8.6	4.
8.6	28.3	2858.4	725.0	15.7	-40.3	198.7	16.3	5.2	15.5	316.7	317.3	0.2	1.0	9.6	5.
9.6	30.7	3164.4	700.0	13.8	-41.5	197.4	16.8	5.0	16.0	317.8	318.3	0.1	1.0	10.5	6.
10.5	33.2	3468.8	675.0	11.2	-43.0	203.6	15.3	6.1	14.0	318.2	318.6	0.1	1.0	11.4	7.
11.5	35.7	3782.1	650.0	9.4	-24.4	216.0	11.6	6.8	9.4	319.6	322.5	0.9	7.6	12.1	9.
12.4	38.3	4105.6	625.0	6.9	-17.8	225.3	9.9	7.0	6.9	320.5	325.5	1.5	15.2	12.7	10.
13.4	40.9	4438.8	600.0	3.8	-14.7	238.4	7.7	6.6	4.0	320.7	327.2	2.0	24.4	12.9	12.
14.7	43.7	4782.1	575.0	0.0	-13.0	245.3	8.5	7.7	3.6	320.3	328.1	2.5	36.9	13.4	14.
15.9	46.6	5136.3	550.0	-3.4	-11.9	242.8	10.3	9.1	4.7	320.4	329.2	2.8	51.7	13.9	16.
17.1	49.5	5502.2	525.0	-6.2	-16.6	250.1	9.8	9.2	3.3	321.1	327.6	2.0	44.1	14.3	18.
18.4	52.3	5882.6	500.0	-7.9	-54.9	258.2	10.8	10.5	2.2	323.3	323.5	0.0	1.0	14.8	21.
19.6	55.3	6278.9	475.0	-11.1	-57.0	255.9	13.0	12.6	2.9	324.1	324.3	0.0	1.0	15.3	23.
21.0	58.5	6691.1	450.0	-14.8	-57.3	254.7	13.0	12.5	3.4	324.6	324.8	0.0	1.3	16.0	27.
22.4	61.9	7120.5	425.0	-18.4	-28.2	265.1	13.6	13.6	1.2	325.4	328.4	0.9	41.8	16.7	30.
24.0	65.3	7570.1	400.0	-21.9	-32.5	269.0	17.3	17.3	0.3	326.6	328.8	0.6	37.3	17.4	34.
25.6	68.8	8041.7	375.0	-25.4	-27.7	265.7	20.1	20.1	1.5	328.1	331.7	1.0	80.5	18.6	38.
27.2	72.3	8538.8	350.0	-29.4	-30.1	261.4	23.7	23.4	3.5	329.2	332.3	0.9	93.5	20.2	42.
29.0	76.3	9063.2	325.0	-33.6	-43.4	263.9	24.9	24.8	2.7	330.3	331.2	0.2	36.3	22.2	47.
30.9	80.4	9620.5	300.0	-37.4	-50.9	266.1	27.7	27.7	1.9	332.6	333.0	0.1	22.7	24.5	51.
33.0	84.8	10215.2	275.0	-42.4	99.9	266.9	32.4	32.4	1.7	333.8	999.9	99.9	999.9	27.9	56.
35.3	89.2	10852.0	250.0	-47.1	99.9	265.5	34.6	34.5	2.7	336.1	999.9	99.9	999.9	32.2	60.
37.9	94.2	11541.1	225.0	-53.0	99.9	266.0	31.6	31.5	2.2	337.3	999.9	99.9	999.9	36.9	63.
40.8	99.4	12290.4	200.0	-58.7	99.9	258.2	34.5	33.8	7.0	339.9	999.9	99.9	999.9	41.7	66.
43.4	105.0	13117.6	175.0	-63.3	99.9	277.1	32.3	32.1	-4.0	345.5	999.9	99.9	999.9	46.4	68.
47.1	111.3	14066.6	150.0	-61.2	99.9	252.9	31.7	30.3	9.3	364.7	999.9	99.9	999.9	52.5	70.
51.3	118.3	15188.4	125.0	-65.4	99.9	261.2	23.9	23.7	3.7	376.6	999.9	99.9	999.9	59.1	72.
56.2	127.0	16529.4	100.0	-70.0	99.9	252.1	18.7	17.8	5.7	392.5	999.9	99.9	999.9	65.3	72.
62.2	136.7	18225.3	75.0	-71.1	99.9	283.9	3.7	3.6	-0.9	423.9	999.9	99.9	999.9	70.3	72.
71.6	147.5	20684.4	50.0	-61.8	99.9	230.1	1.7	1.3	1.1	498.0	999.9	99.9	999.9	72.4	72.
86.6	160.0	25105.7	25.0	-53.6	99.9	82.6	13.3	-13.2	-1.7	630.6	999.9	99.9	999.9	68.9	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. 26G
STEPHENVILLE, TEX

24 APRIL 1975
515 GMT

150 29. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	399.0	963.9	21.7	18.5	170.0	7.2	-1.3	7.1	299.9	337.1	14.1	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	10.9	525.7	950.0	21.8	18.5	170.6	17.7	-2.9	17.4	301.3	339.3	14.3	81.3	0.4	350.
1.3	13.3	758.0	925.0	21.1	18.6	181.5	20.7	0.5	20.7	302.9	342.4	14.8	85.6	1.3	354.
2.1	15.6	996.0	900.0	20.1	18.2	190.1	22.5	4.0	22.2	304.2	344.0	14.8	89.1	2.4	359.
3.0	18.0	1239.6	875.0	20.1	16.7	205.2	18.5	7.9	16.7	306.5	344.1	13.8	80.7	3.5	4.
3.9	20.4	1490.4	850.0	19.4	13.3	220.9	17.0	11.1	12.8	308.0	339.6	11.4	66.0	4.3	11.
4.9	22.8	1746.9	825.0	17.1	12.1	233.5	14.9	12.0	8.9	308.2	338.2	10.8	72.2	5.1	17.
5.9	25.3	2009.9	800.0	16.9	5.4	257.7	13.2	12.9	2.8	310.1	330.6	7.2	47.6	5.7	23.
6.8	27.8	2280.1	775.0	16.2	-4.8	281.1	15.0	14.8	-2.9	311.7	322.1	3.5	23.2	6.0	30.
7.7	30.4	2557.8	750.0	14.6	-8.2	269.9	16.8	16.8	0.0	312.7	321.1	2.7	19.8	6.4	37.
8.7	33.1	2843.1	725.0	12.9	-8.9	258.3	18.4	18.0	3.7	313.9	322.2	2.7	21.0	7.2	43.
9.8	35.7	3136.4	700.0	10.3	-11.3	248.3	21.6	20.1	8.0	314.2	321.3	2.3	20.5	8.3	44.
10.7	38.4	3437.9	675.0	8.6	-15.4	242.8	23.0	20.5	15.5	315.5	321.0	1.7	16.6	9.6	50.
11.7	41.1	3748.3	650.0	6.1	-19.3	238.6	22.1	18.9	11.5	316.0	320.1	1.3	14.0	10.9	51.
12.9	44.0	4067.7	625.0	3.3	-20.6	236.8	22.5	18.8	12.3	316.4	320.2	1.2	15.2	12.5	52.
14.0	46.9	4397.3	600.0	1.4	-30.0	237.7	20.7	17.5	11.1	317.8	319.6	0.5	7.4	13.9	52.
15.1	49.9	4738.4	575.0	-0.8	-35.3	239.4	19.8	17.0	10.1	319.0	320.2	0.3	5.2	15.1	53.
16.4	52.8	5091.1	550.0	-3.8	-41.2	236.9	18.9	15.9	10.3	319.6	320.2	0.2	3.5	16.8	53.
17.7	55.8	5456.0	525.0	-7.2	-40.2	242.5	19.8	17.5	9.1	319.8	320.5	0.2	5.1	18.2	54.
18.9	59.0	5833.6	500.0	-10.5	-40.2	251.1	19.8	18.7	6.4	320.2	321.0	0.2	6.6	19.6	55.
20.3	62.3	6226.2	475.0	-13.9	-38.4	249.8	19.3	18.1	6.7	320.7	321.8	0.3	10.4	21.0	56.
21.6	65.6	6634.1	450.0	-17.6	-41.1	248.7	22.0	20.5	8.0	321.1	321.9	0.2	10.7	22.7	57.
22.9	68.9	7058.7	425.0	-21.3	-43.7	256.3	24.3	23.6	5.7	321.7	322.3	0.2	11.1	24.5	58.
24.5	72.4	7503.7	400.0	-24.2	-47.8	254.2	25.7	24.8	7.0	323.4	323.9	0.1	9.2	26.9	60.
26.1	76.1	7970.8	375.0	-27.5	-50.1	251.9	29.3	27.8	9.1	325.1	325.5	0.1	9.5	29.4	61.
27.7	80.0	8464.0	350.0	-30.9	-52.4	257.7	26.9	26.2	5.7	327.1	327.4	0.1	9.9	31.9	62.
29.7	84.0	8985.0	325.0	-35.6	-55.9	255.1	27.6	26.7	7.1	327.5	327.7	0.1	10.3	35.2	63.
31.5	87.8	9537.4	300.0	-39.9	99.9	254.0	36.2	34.8	10.0	329.1	999.9	99.9	999.9	38.4	64.
33.8	92.4	10125.2	275.0	-45.1	99.9	262.7	27.9	27.7	3.5	330.0	999.9	99.9	999.9	42.7	66.
36.1	96.8	10756.0	250.0	-49.5	99.9	256.3	31.2	30.3	7.4	332.5	999.9	99.9	999.9	47.6	67.
38.7	101.8	11436.6	225.0	-54.9	99.9	249.7	31.0	29.6	11.0	334.4	999.9	99.9	999.9	53.3	67.
41.7	107.2	12182.0	200.0	-59.1	99.9	254.4	35.1	33.9	9.4	339.2	999.9	99.9	999.9	59.9	68.
44.9	112.8	13013.5	175.0	-60.7	99.9	260.8	38.6	38.1	6.1	349.8	999.9	99.9	999.9	66.4	69.
48.6	119.0	13975.9	150.0	-60.1	99.9	254.5	43.6*	42.0	11.7	366.5	999.9	99.9	999.9	75.9	70.
53.5	126.0	15108.8	125.0	-61.4	99.9	256.0	29.1*	28.3	7.0	363.9	999.9	99.9	99.9	86.0	71.
58.3	133.7	16475.6	100.0	-69.0	99.9	263.9	13.1*	13.0	1.4	364.4	999.9	99.9	999.9	92.2	71.
64.6	141.7	18179.9	75.0	-69.9	99.9	238.4	9.5*	8.1	5.0	426.4	999.9	99.9	999.9	96.8	71.
73.4	150.3	20670.0	50.0	-58.9	99.9	233.2	2.4	1.9	1.4	504.8	999.9	99.9	999.9	101.1	70.
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.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
515 GMT

162 19. 0

TIME MIN	CACT	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	8.9	314.0	971.2	26.3	16.5	110.0	6.7	-6.3	2.3	303.7	337.0	12.3	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	10.3	508.9	950.0	25.6	15.8	132.7	17.8	-13.1	12.1	304.8	337.4	12.0	54.5	0.5	306.
1.6	13.2	743.5	925.0	24.4	14.8	142.2	18.7	-11.4	14.7	305.8	337.4	11.5	55.1	1.4	313.
2.2	15.6	983.5	900.0	24.0	12.4	151.7	17.0	-8.1	15.0	307.6	335.8	10.1	48.4	2.1	318.
3.0	18.1	1233.0	875.0	23.3	9.9	164.3	14.8	-4.0	14.2	309.2	334.0	8.8	42.7	2.8	323.
3.8	20.5	1482.6	850.0	21.9	10.2	174.7	13.6	-1.3	13.6	310.4	336.5	9.3	47.3	3.4	328.
4.6	23.0	1741.0	825.0	20.2	10.0	182.8	11.5	0.6	11.5	311.2	337.8	9.4	51.8	3.9	333.
5.3	25.6	2006.3	800.0	19.4	1.1	177.5	10.7	-0.5	10.7	312.5	328.1	5.3	30.0	4.4	336.
6.2	28.3	2278.5	775.0	18.2	3.2	191.1	10.0	1.9	9.9	314.3	332.8	6.3	37.2	4.9	339.
7.1	31.1	2552.9	750.0	16.7	1.1	199.8	9.7	3.3	9.1	315.5	331.9	5.5	34.8	5.4	342.
8.0	33.8	2846.8	725.0	14.7	-1.5	213.3	9.3	5.1	7.8	316.2	330.5	4.0	32.9	5.7	346.
8.9	36.4	3142.4	700.0	12.6	-6.6	231.5	10.5	8.2	6.5	316.8	327.1	3.3	25.5	6.0	350.
9.9	39.4	3446.3	675.0	10.2	-8.4	236.5	12.3	10.2	6.8	317.5	326.8	3.0	26.0	6.3	356.
10.9	42.0	3758.5	650.0	7.2	-10.6	232.4	13.1	10.4	8.0	317.4	325.6	2.6	27.0	6.7	1.
11.9	45.0	4079.3	625.0	4.2	-11.7	232.8	13.4	10.7	8.1	317.5	325.4	2.5	30.3	7.3	6.
12.9	48.1	4409.5	600.0	1.2	-13.2	239.9	13.6	11.7	6.8	317.8	325.0	2.3	33.2	7.8	11.
13.9	51.0	4749.6	575.0	-2.2	-14.9	246.6	15.2	14.0	6.1	317.7	324.3	2.1	36.9	8.4	15.
15.0	54.3	5101.1	550.0	-5.0	-20.4	256.0	17.6	17.1	4.3	318.3	322.8	1.4	25.5	9.0	21.
16.1	57.3	5465.0	525.0	-7.7	-22.8	264.0	18.4	18.3	1.9	319.3	323.1	1.2	28.6	9.7	27.
17.5	60.7	5843.2	500.0	-9.4	-24.9	269.1	21.5	21.5	0.3	321.7	325.0	1.0	27.0	10.6	35.
18.8	64.1	6237.4	475.0	-12.5	-32.9	271.8	22.4	22.4	-0.7	322.5	324.3	0.5	16.2	11.6	42.
20.1	67.6	6647.9	450.0	-15.0	-36.0	271.6	20.4	20.4	-0.6	324.3	325.7	0.4	14.7	12.8	48.
21.3	71.0	7077.6	425.0	-17.9	-40.8	264.2	19.4	19.3	2.0	326.0	327.0	0.2	11.4	13.9	52.
22.6	74.7	7527.8	400.0	-21.5	-43.4	262.1	20.3	20.1	2.8	327.0	327.8	0.2	11.7	15.2	54.
23.9	78.7	7999.8	375.0	-25.4	-41.4	260.3	25.5	25.1	4.3	327.9	328.9	0.3	20.8	16.8	57.
25.2	82.7	8496.1	350.0	-30.0	-40.5	256.9	29.3	28.6	6.6	328.3	329.4	0.3	34.8	18.9	60.
26.7	86.7	9019.5	325.0	-34.0	-40.0	254.0	31.5	30.3	8.7	329.8	331.1	0.4	54.5	21.4	61.
28.8	91.2	9576.9	300.0	-37.6	-45.1	258.3	36.9	36.1	7.5	332.2	333.1	0.2	45.1	25.7	64.
30.9	95.6	10171.6	275.0	-42.2	99.9	254.1	32.8	31.5	9.0	334.2	999.9	99.9	999.9	30.2	66.
33.1	100.3	10809.5	250.0	-47.4	99.9	263.9	32.7	32.5	3.5	335.6	999.9	99.9	999.9	34.3	67.
35.4	105.5	11496.6	225.0	-53.6	99.9	272.9	33.5	33.5	-1.7	336.3	999.9	99.9	999.9	38.3	70.
37.9	111.0	12241.5	200.0	-60.2	99.9	271.4	31.7	31.7	-0.8	337.5	999.9	99.9	999.9	43.5	72.
40.5	117.0	13064.3	175.0	-64.6	99.9	274.1	45.1	45.0	-3.2	343.4	999.9	99.9	999.9	49.2	75.
43.3	123.7	14003.7	150.0	-64.8	99.9	254.7	30.7	29.6	8.1	358.6	999.9	99.9	999.9	54.8	76.
46.7	130.8	15114.1	125.0	-66.7	99.9	257.6	30.4	29.6	6.5	374.3	999.9	99.9	999.9	61.4	76.
51.1	138.3	16452.0	100.0	-70.2	99.9	255.1	20.7	20.0	5.3	392.1	999.9	99.9	999.9	68.1	76.
56.0	146.7	18159.6	75.0	-70.7	99.9	218.2	13.3	8.2	10.4	424.7	999.9	99.9	999.9	71.2	76.
63.3	156.0	20625.9	50.0	-55.5	99.9	217.1	8.3	5.0	6.6	503.3	999.9	99.9	999.9	74.1	75.
75.3	166.3	25066.0	25.0	-51.2	99.9	70.2	5.4	-5.1	-1.8	638.0	999.9	99.9	999.9	72.9	74.

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

STATION NO. 265
MIDLAND, TEX

24 APRIL 1975
515 GMT

149 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPLD M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	873.0	910.9	18.3	8.8	185.0	4.6	0.4	4.6	300.4	321.9	7.9	54.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	12.2	977.8	900.0	24.3	16.0	999.9	99.9	99.9	99.9	308.3	343.8	12.9	60.0	999.9	999.9
1.2	14.2	1224.4	875.0	22.6	14.7	999.9	99.9	99.9	99.9	309.0	342.5	12.1	60.8	999.9	999.9
2.2	16.2	1476.6	850.0	21.0	14.7	999.9	99.9	99.9	99.9	309.8	344.5	12.5	67.3	999.9	999.9
3.0	18.3	1734.9	825.0	19.1	12.2	999.9	99.9	99.9	99.9	310.3	340.9	10.9	64.1	999.9	999.9
4.0	20.4	1999.3	800.0	17.9	3.4	230.1	5.1	3.9	3.3	311.1	329.6	6.5	39.9	2.1	27.0
4.9	22.5	2269.7	775.0	15.9	-6.6	250.7	4.5	4.3	1.5	311.4	320.5	3.0	20.6	2.3	30.0
5.8	24.8	2546.6	750.0	13.5	-7.6	248.7	5.1	4.7	1.9	311.6	320.4	2.9	22.2	2.4	34.0
6.7	27.0	2831.0	725.0	12.4	-5.5	234.3	10.1	8.2	5.9	313.5	324.1	3.5	28.1	2.8	38.0
7.7	29.4	3124.5	700.0	11.0	-10.0	231.5	14.4	11.3	9.0	315.0	322.9	2.6	21.9	3.5	41.0
8.7	31.9	3426.3	675.0	8.5	-12.0	231.7	16.2	12.7	10.1	315.5	322.5	2.3	22.0	4.5	43.0
9.7	34.4	3736.7	650.0	5.8	-14.2	235.9	17.4	14.4	9.8	315.8	322.0	2.0	22.1	5.5	45.0
10.7	36.7	4055.7	625.0	2.6	-16.4	243.3	18.1	16.2	8.1	315.7	321.1	1.7	22.9	6.5	47.0
11.9	39.4	4384.1	600.0	-0.2	-18.2	253.5	19.3	18.5	5.5	316.1	321.0	1.5	24.2	7.8	51.0
13.1	41.9	4722.9	575.0	-2.9	-20.4	253.7	21.6	20.7	6.1	316.8	321.0	1.3	24.3	9.1	55.0
14.3	44.7	5073.3	550.0	-5.8	-22.9	255.4	23.3	22.5	5.9	317.3	320.9	1.1	24.4	10.7	57.0
15.5	47.6	5435.5	525.0	-9.3	-25.2	259.1	22.5	22.1	4.3	317.3	320.4	0.9	26.1	12.3	60.0
16.8	50.4	5810.5	500.0	-12.1	-28.7	264.2	22.1	22.0	2.2	318.3	320.7	0.7	23.4	13.9	63.0
18.0	53.3	6201.9	475.0	-13.6	-32.5	265.8	22.6	22.6	1.6	321.1	322.9	0.5	18.5	15.4	65.0
19.3	56.3	6610.5	450.0	-16.8	-35.0	268.1	22.7	22.6	0.7	322.2	323.7	0.4	18.7	17.2	67.0
20.9	59.6	7037.3	425.0	-20.1	-37.7	268.8	23.6	23.6	0.5	323.2	324.4	0.3	18.9	19.2	70.0
22.4	63.0	7483.0	400.0	-24.1	-41.0	265.6	24.8	24.7	1.9	323.6	324.6	0.3	19.2	21.3	72.0
24.2	66.3	7950.7	375.0	-27.6	-43.9	262.3	28.7	28.5	3.9	325.0	325.7	0.2	19.4	24.1	73.0
25.9	70.0	8442.8	350.0	-31.6	-47.1	260.0	31.3	30.8	5.4	326.1	326.7	0.2	19.7	27.1	74.0
27.8	73.7	8963.0	325.0	-35.7	-50.5	260.1	30.5	30.0	5.2	327.4	327.8	0.1	20.0	30.5	75.0
29.7	77.8	9514.1	300.0	-40.4	-54.9	258.0	33.3	32.6	6.9	328.4	999.9	99.9	999.9	34.2	75.0
31.8	82.0	10100.5	275.0	-45.3	-59.9	258.6	34.7	34.0	6.9	329.6	999.9	99.9	999.9	38.6	75.0
34.3	86.4	10728.9	250.0	-50.6	-65.9	264.3	35.7	35.5	3.5	330.9	999.9	99.9	999.9	43.8	75.0
36.9	91.2	11408.7	225.0	-54.9	-71.9	264.8	35.8	35.7	3.3	334.3	999.9	99.9	999.9	49.3	77.0
39.5	96.2	12155.1	200.0	-59.3	-79.9	256.5	36.3	35.3	8.5	338.9	999.9	99.9	999.9	54.8	77.0
42.6	101.8	12987.3	175.0	-66.2	-88.9	267.3	42.8	42.8	2.0	350.6	999.9	99.9	999.9	62.5	78.0
46.2	108.3	13951.0	150.0	-79.8	-99.9	254.9	29.9	28.8	7.8	367.2	999.9	99.9	999.9	69.8	79.0
50.4	115.3	15078.5	125.0	-64.0	-99.9	249.9	38.3*	36.0	13.1	379.2	999.9	99.9	999.9	78.0	78.0
55.5	123.7	16437.1	100.0	-67.5	-99.9	249.8	26.5*	24.9	9.1	397.4	999.9	99.9	999.9	87.3	78.0
61.2	133.0	18164.1	75.0	-67.8	-99.9	253.1	14.6*	14.0	4.2	430.7	999.9	99.9	999.9	92.9	76.0
70.7	143.3	20668.6	50.0	-60.7	-99.9	237.1	4.9	4.1	2.7	500.5	999.9	99.9	999.9	96.6	76.0
86.3	154.5	25128.3	25.0	-50.4	-99.9	31.1	2.3	-1.2	-1.9	639.9	999.9	99.9	999.9	97.0	76.0

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

STATION NO. 304
 MATTERAS, NC

24 APRIL 1975
 515 GMT

112 168. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.9	4.0	1025.0	19.4	13.6	220.0	5.7	3.7	4.4	291.8	316.7	9.6	69.0	0.0	0.
0.8	5.8	216.8	1000.0	19.2	10.3	231.4	27.5	21.5	17.2	293.4	314.4	7.9	56.4	0.7	36.
1.5	8.0	433.9	975.0	17.2	8.7	228.2	15.3	11.4	10.2	293.5	312.8	7.3	57.1	1.6	47.
2.2	10.3	655.2	950.0	15.1	8.6	227.3	15.7	11.5	10.7	293.5	313.2	7.4	64.9	2.1	47.
2.9	12.5	880.7	925.0	13.2	8.7	228.1	26.4	19.6	17.6	293.8	314.1	7.7	74.2	3.1	47.
3.6	14.8	1110.6	900.0	11.1	7.0	229.2	18.5	14.0	12.1	293.9	312.6	7.0	75.9	4.1	47.
4.3	17.0	1345.2	875.0	9.1	5.0	176.0	19.4	-1.4	19.3	294.0	310.9	6.3	75.8	4.9	48.
5.1	19.5	1585.1	850.0	7.2	4.0	144.8	20.7	-11.9	16.9	294.4	310.7	6.0	80.4	5.1	30.
5.9	21.8	1830.5	825.0	6.3	-2.5	217.4	15.2	9.3	12.1	295.7	306.5	3.9	53.4	5.9	30.
6.7	24.3	2083.0	800.0	6.0	-7.3	228.8	12.6	9.5	8.3	297.9	305.9	2.8	37.8	6.4	32.
7.5	26.7	2342.1	775.0	4.2	-10.2	242.5	10.3	9.1	4.7	298.6	305.2	2.3	34.2	7.0	34.
8.4	29.2	2607.9	750.0	2.5	-8.3	250.0	9.3	8.8	3.2	299.6	307.6	2.7	44.8	7.4	36.
9.2	31.6	2881.6	725.0	1.9	-18.6	256.0	9.3	9.0	2.2	301.7	305.5	1.2	20.5	7.7	38.
10.1	34.6	3163.9	700.0	0.5	-15.4	261.3	10.2	10.1	1.5	303.3	308.2	1.6	28.9	8.1	40.
10.9	37.1	3454.4	675.0	-1.8	-15.9	265.0	11.4	11.4	1.0	303.8	308.8	1.6	33.2	8.5	43.
11.7	40.0	3753.4	650.0	-4.1	-13.4	271.3	11.2	11.2	-0.3	304.6	310.9	2.1	48.3	8.9	45.
12.6	42.6	4061.8	625.0	-5.6	-19.6	282.9	12.3	12.0	-2.7	308.2	310.3	1.3	32.8	9.3	46.
13.7	45.6	4381.2	600.0	-7.2	-26.0	283.6	12.9	12.5	-3.0	307.8	310.3	0.8	20.5	9.7	52.
14.6	48.5	4712.2	575.0	-8.5	-26.9	278.5	12.8	12.6	-1.9	310.1	312.6	0.8	22.3	10.3	55.
15.7	51.4	5055.8	550.0	-10.1	-13.0	287.4	16.5	15.8	-5.0	312.5	320.4	2.6	80.0	10.9	58.
16.8	54.6	5414.6	525.0	-11.1	-12.5	298.7	19.9	17.4	-9.5	315.4	324.0	2.8	89.3	11.6	63.
17.9	57.6	5788.2	500.0	-13.4	-15.3	301.7	20.1	17.1	-10.6	316.9	324.2	2.3	85.6	12.4	69.
19.0	60.9	6176.9	475.0	-16.0	-18.2	300.1	20.9	18.1	-10.5	318.4	324.5	1.9	83.2	13.2	73.
20.2	64.4	6582.2	450.0	-18.8	-21.4	298.7	20.1	17.6	-9.7	319.7	324.7	1.5	80.0	14.4	78.
21.5	67.7	7006.3	425.0	-21.4	-26.0	288.5	20.4	19.4	-6.5	321.7	325.3	1.1	66.1	15.7	81.
22.7	71.0	7450.6	400.0	-24.6	-30.4	280.9	21.1	20.7	-4.0	323.1	325.7	0.8	58.0	17.0	83.
24.1	74.7	7917.1	375.0	-28.4	-34.3	275.1	19.9	19.8	-1.8	324.0	325.9	0.6	56.9	18.7	86.
25.5	78.7	8407.8	350.0	-32.3	-38.2	275.9	20.1	20.0	-2.1	325.1	326.5	0.4	55.6	20.3	85.
26.8	82.5	8925.5	325.0	-37.1	-41.3	278.2	19.6	19.4	-2.8	325.5	326.6	0.3	64.6	21.7	86.
28.4	86.7	9473.3	300.0	-42.0	99.9	278.3	20.8	20.6	-3.0	326.2	999.9	99.9	99.9	24.1	87.
29.9	91.2	10055.8	275.0	-46.9	99.9	282.3	20.0	19.5	-4.2	327.2	999.9	99.9	99.9	25.4	88.
31.5	95.3	10681.0	250.0	-51.3	99.9	283.0	30.9	30.1	-6.9	329.8	999.9	99.9	99.9	28.1	89.
33.3	100.8	11357.9	225.0	-56.3	99.9	299.5	29.8	25.9	-14.7	332.2	999.9	99.9	99.9	31.0	91.
35.0	106.3	12094.8	200.0	-62.3	99.9	999.9	99.9	99.9	99.9	334.0	999.9	99.9	99.9	99.9	99.9
36.8	112.0	12909.7	175.0	-65.7	99.9	999.9	99.9	99.9	99.9	341.5	999.9	99.9	99.9	99.9	99.9
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	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9

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

STATION NO. 311
ATHENS, GA

24 APRIL 1975
600 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	246.0	992.6	17.7	14.4	160.0	4.6	-1.6	4.3	292.9	320.1	10.5	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.
0.5	8.6	399.3	975.0	17.2	13.5	190.4	13.6	2.5	13.4	293.8	320.1	10.1	79.2	0.3	347.
1.4	10.9	621.0	950.0	16.0	11.5	191.6	17.2	3.5	16.8	294.6	318.5	9.1	74.8	1.0	1.
2.1	13.3	847.9	925.0	15.7	9.2	202.3	17.5	6.7	16.2	296.5	317.7	7.9	65.0	1.8	9.
2.9	15.6	1080.6	900.0	14.9	8.6	211.3	15.1	7.8	12.9	297.9	319.1	7.8	66.0	2.5	14.
3.7	18.0	1318.4	875.0	12.9	6.8	219.5	13.9	8.9	10.7	298.2	317.6	7.1	66.4	3.2	19.
4.6	20.5	1561.4	850.0	10.7	6.6	221.5	14.4	9.6	10.8	298.3	313.1	7.3	75.9	3.8	23.
5.4	23.0	1809.6	825.0	8.2	5.9	225.3	15.4	11.0	10.8	298.2	317.5	7.1	85.2	4.6	26.
6.3	25.5	2063.5	800.0	7.0	-7.0	233.9	13.2	10.7	7.8	299.1	308.3	3.2	41.5	5.3	29.
7.3	28.1	2324.2	775.0	6.6	-5.5	248.1	10.0	9.2	3.7	301.4	310.9	3.3	42.0	5.9	32.
8.2	30.8	2593.5	750.0	6.2	2.1	273.2	9.3	9.3	-0.5	304.1	321.0	6.0	75.0	6.2	36.
9.2	33.6	2870.8	725.0	4.2	1.1	282.9	11.5	11.2	-2.6	304.8	321.1	5.7	80.2	6.5	41.
10.1	36.1	3156.1	700.0	3.2	1.3	288.6	12.7	12.1	-4.1	306.8	324.1	6.1	88.0	6.8	46.
11.2	39.0	3450.4	675.0	2.6	-7.0	293.2	11.1	10.2	-4.4	309.0	319.0	3.4	49.1	7.2	52.
12.2	41.8	3754.4	650.0	-0.4	-2.2	288.2	10.1	9.6	-3.2	309.2	323.8	5.0	87.3	7.5	56.
13.3	44.3	4067.4	625.0	-2.2	-5.2	287.1	11.1	10.6	-3.3	310.5	322.8	4.2	79.7	8.0	60.
14.4	47.8	4391.7	600.0	-3.6	-8.4	288.5	12.2	11.6	-3.9	312.3	322.5	3.4	69.2	8.5	64.
15.5	50.7	4726.9	575.0	-5.8	-10.7	293.4	12.8	11.8	-5.1	313.6	322.6	2.9	67.9	9.1	68.
16.7	53.9	5073.8	550.0	-8.1	-14.3	295.0	12.9	11.7	-5.5	314.7	321.8	2.3	60.9	9.7	72.
17.9	56.9	5433.2	525.0	-11.5	-14.4	292.9	13.1	12.1	-5.1	314.8	322.3	2.4	79.4	10.4	75.
19.0	60.3	5805.9	500.0	-13.8	-20.2	286.8	12.6	12.0	-3.6	316.3	321.3	1.5	58.7	11.2	78.
20.3	63.7	6194.5	475.0	-15.2	-26.8	286.0	13.1	12.6	-3.6	319.2	322.2	0.9	36.3	12.0	80.
21.7	67.0	6600.9	450.0	-18.2	-32.4	284.5	14.6	14.1	-3.7	320.4	322.3	0.5	27.2	13.0	82.
23.0	70.6	7025.7	425.0	-20.7	-57.9	283.4	20.1	19.6	-4.7	322.4	322.5	0.0	2.0	14.4	84.
24.6	74.3	7471.1	400.0	-23.9	-58.8	280.3	21.4	21.0	-3.8	323.8	323.9	0.0	2.3	16.3	86.
26.2	78.2	7939.1	375.0	-27.3	-60.1	280.9	24.9	24.4	-4.7	325.4	325.5	0.0	2.7	18.3	88.
27.8	82.0	8431.7	350.0	-31.5	-61.9	231.3	25.5	25.0	-5.0	326.1	326.2	0.0	3.2	20.8	89.
29.6	86.0	8951.5	325.0	-35.5	-63.9	285.7	26.4	25.4	-7.2	327.7	327.8	0.0	3.6	23.5	91.
31.5	90.4	9503.3	300.0	-40.4	99.9	282.1	28.7	28.1	-6.0	328.4	999.9	99.9	999.9	26.6	93.
33.5	95.0	10089.6	275.0	-45.5	99.9	287.9	26.9	25.6	-8.3	329.3	999.9	99.9	999.9	29.9	94.
35.8	99.8	10719.2	250.0	-49.9	99.9	291.1	26.7	24.9	-9.6	331.8	999.9	99.9	999.9	33.6	96.
38.2	104.8	11401.0	225.0	-54.6	99.9	293.9	33.8	30.9	-13.7	334.8	999.9	99.9	999.9	37.4	97.
40.7	110.2	12145.9	200.0	-59.9	99.9	295.6	41.2	37.2	-17.8	338.0	999.9	99.9	999.9	42.8	100.
43.4	115.8	12973.5	175.0	-62.3	99.9	289.9	32.7	30.7	-11.1	347.2	999.9	99.9	999.9	48.6	102.
46.9	122.3	13924.9	150.0	-61.7	99.9	287.6	31.6	30.1	-9.5	363.9	999.9	99.9	999.9	56.1	102.
50.6	129.3	15055.8	125.0	-61.8	99.9	282.1	28.1	27.4	-5.9	383.0	999.9	99.9	999.9	62.8	103.
54.8	137.0	16424.0	100.0	-65.8	99.9	259.0	10.6	10.4	2.0	400.7	999.9	99.9	999.9	68.0	102.
59.4	144.7	18148.3	75.0	-68.0	99.9	306.6	9.2	7.4	-5.5	430.3	999.9	99.9	999.9	70.9	102.
67.7	153.3	20624.1	50.0	-62.0	99.9	315.8	6.5	4.5	-4.7	457.4	999.9	99.9	999.9	74.3	103.
81.1	162.7	25022.8	25.0	-52.5	99.9	290.7	4.4	4.2	-1.6	634.3	999.9	99.9	999.9	75.9	104.

* BY SPEED MEANS ELEVATION 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. 317
GREENSBORO, NC

24 APRIL 1975
515 GMT

163 19. 0

TIME MIN	CNCTI	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	275.0	989.6	18.9	13.3	200.0	7.2	2.5	6.8	294.2	319.9	9.8	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	8.7	402.5	975.0	17.4	10.6	210.1	13.7	6.9	11.9	293.8	315.7	8.3	64.3	0.4	29.
1.2	11.0	623.7	950.0	15.4	10.5	211.5	15.2	7.9	13.0	294.0	316.2	8.4	72.2	0.9	30.
2.0	13.5	849.5	925.0	13.3	10.4	217.0	18.8	11.3	15.0	294.0	316.8	8.6	82.7	1.8	32.
2.9	15.9	1080.2	900.0	12.7	10.1	226.4	22.6	16.4	15.6	295.8	318.9	8.7	84.3	2.8	35.
3.6	18.3	1316.8	875.0	11.0	10.1	236.4	18.4	15.3	10.2	296.4	320.2	8.9	94.3	3.7	39.
4.6	20.8	1556.7	850.0	9.8	9.4	243.8	18.6	16.7	8.2	297.5	321.1	8.8	97.9	4.7	44.
5.5	23.4	1806.7	825.0	8.3	7.8	249.9	19.3	18.1	6.6	298.4	320.3	8.1	96.4	5.7	48.
6.5	26.0	2060.9	800.0	7.1	6.3	257.5	19.8	19.3	4.3	299.7	320.2	7.5	95.2	6.7	52.
7.6	28.9	2322.1	775.0	5.9	4.9	269.5	19.2	19.2	0.2	301.0	320.3	7.0	92.8	7.8	57.
8.5	31.6	2590.6	750.0	4.6	3.3	285.1	18.5	17.9	-4.8	302.4	320.5	6.5	91.0	8.7	62.
9.6	34.5	2866.5	725.0	2.7	1.7	301.3	17.7	15.1	-9.2	303.2	320.1	6.0	93.3	9.4	67.
10.6	37.2	3150.0	700.0	0.7	-0.1	307.9	15.5	12.3	-9.5	303.9	319.4	5.4	94.4	10.1	72.
11.8	40.2	3441.8	675.0	-0.9	-2.1	299.5	14.8	12.8	-7.3	305.3	319.2	4.9	91.4	10.6	77.
12.9	42.9	3742.3	650.0	-3.2	-3.8	298.7	16.2	14.2	-7.7	305.9	318.8	4.5	95.5	11.4	80.
13.9	46.0	4051.9	625.0	-3.9	-9.5	309.5	16.9	13.0	-10.8	308.4	317.3	3.0	64.7	12.2	83.
15.0	49.3	4373.7	600.0	-5.4	-15.3	319.5	14.7	9.5	-11.2	310.1	316.1	1.9	45.5	12.9	87.
16.2	52.1	4707.4	575.0	-5.9	-23.5	314.3	12.4	8.8	-8.6	313.1	316.4	1.0	23.4	13.5	90.
17.4	55.4	5053.9	550.0	-8.7	-26.3	318.7	13.7	9.0	-10.3	313.8	316.5	0.8	22.5	14.1	93.
18.6	58.6	5412.0	525.0	-11.9	-22.6	312.4	15.4	11.4	-10.4	314.3	318.1	1.2	40.4	15.0	96.
20.0	62.1	5783.7	500.0	-14.4	-17.7	293.5	16.5	15.1	-6.6	315.7	321.6	1.9	75.6	16.1	98.
21.5	65.6	6171.1	475.0	-17.1	-19.8	277.0	17.7	17.6	-2.2	317.0	322.3	1.7	79.0	17.6	98.
23.0	69.1	6575.1	450.0	-19.5	-23.4	269.3	18.4	18.4	0.2	318.8	323.0	1.3	70.9	19.3	98.
24.6	72.7	6997.7	425.0	-22.6	-27.8	266.3	19.5	19.4	1.3	320.0	323.1	0.9	62.3	21.0	97.
26.1	76.6	7439.6	400.0	-26.2	-28.6	265.1	22.2	22.1	1.9	320.9	324.0	0.9	80.6	22.8	96.
27.8	80.4	7903.0	375.0	-30.0	-34.7	267.1	22.0	22.0	1.1	321.9	323.8	0.5	63.3	25.0	95.
29.6	84.5	8390.6	350.0	-33.4	-39.3	285.7	24.3	23.4	-6.6	323.7	323.8	0.0	5.4	27.6	95.
31.6	88.6	8906.4	325.0	-37.7	-62.0	289.0	27.2	25.7	-8.8	324.6	324.7	0.0	5.8	30.6	97.
33.7	93.2	9453.3	300.0	-41.8	99.9	282.0	27.9	27.3	-5.8	326.5	999.9	99.9	999.9	33.6	98.
35.7	97.8	10037.5	275.0	-46.2	99.9	285.8	33.1	31.9	-9.0	328.3	999.9	99.9	999.9	37.6	98.
37.8	102.9	10664.3	250.0	-51.3	99.9	288.3	34.5	32.8	-10.8	329.8	999.9	99.9	999.9	41.9	99.
40.4	108.2	11339.9	225.0	-57.2	99.9	291.7	37.5	34.9	-13.9	330.9	999.9	99.9	999.9	47.0	100.
43.4	113.8	12076.0	200.0	-62.2	99.9	296.5	31.0	27.8	-13.8	334.3	999.9	99.9	999.9	53.4	102.
46.5	119.8	12894.2	175.0	-64.4	99.9	293.6	41.3	37.9	-16.5	343.7	999.9	99.9	999.9	60.1	103.
50.3	126.1	13856.3	150.0	-58.3	99.9	293.8	36.3	33.2	-14.7	369.6	999.9	99.9	999.9	68.8	104.
54.6	133.8	15000.7	125.0	-60.1	99.9	292.5	41.3	38.2	-15.8	386.3	999.9	99.9	999.9	76.2	106.
59.4	141.3	16368.1	100.0	-66.1	99.9	283.4	22.7	22.1	-5.3	400.1	999.9	99.9	999.9	84.4	106.
65.3	149.3	18104.8	75.0	-66.9	99.9	280.9	6.8	6.6	-1.3	432.6	999.9	99.9	999.9	88.8	107.
73.9	158.0	20601.6	50.0	-59.6	99.9	59.4	5.8	-5.0	-3.0	503.0	999.9	99.9	999.9	93.0	107.
87.9	167.0	25011.0	25.0	-52.6	99.9	111.8	8.5	-7.9	3.2	633.5	999.9	99.9	999.9	91.1	109.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
515 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	995.0	20.6	14.9	180.0	6.2	0.0	6.2	295.6	324.1	10.8	70.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.0	356.2	975.0	20.7	14.7	198.7	19.4	6.2	18.4	297.4	326.3	10.9	68.8	0.5	11.
1.4	5.4	580.8	950.0	19.3	14.9	203.1	21.1	8.3	19.4	298.3	328.2	11.3	75.8	1.4	17.
2.2	11.6	809.9	925.0	17.2	14.7	210.4	24.3	12.3	21.0	298.5	329.0	11.5	85.3	2.5	21.
3.1	14.0	1043.7	900.0	15.7	15.0	222.6	23.3	15.7	17.1	299.3	331.2	12.0	95.6	3.8	26.
4.0	16.3	1283.2	875.0	14.3	13.5	230.5	24.8	19.2	15.8	300.2	330.3	11.2	94.9	5.1	32.
5.0	18.9	1528.3	850.0	17.9	10.9	237.4	23.7	20.0	12.8	300.9	327.3	9.7	88.1	6.4	36.
5.9	21.2	1778.7	825.0	10.3	9.6	241.6	22.3	19.6	10.6	300.7	325.6	9.2	95.2	7.5	40.
6.9	23.9	2034.5	800.0	8.1	7.8	238.8	24.6	21.1	12.7	300.9	323.7	8.4	98.1	8.8	43.
7.8	26.3	2296.7	775.0	8.5	-3.8	242.7	21.5	19.1	9.8	303.5	314.5	3.8	42.6	10.1	46.
8.8	29.1	2567.1	750.0	7.1	-11.0	237.6	21.1	17.8	11.3	304.6	311.2	2.2	26.2	11.3	47.
9.9	31.9	2845.1	725.0	5.9	-20.9	236.0	20.9	17.3	11.7	306.1	309.5	1.1	13.8	12.7	48.
10.9	34.8	3131.5	700.0	4.5	-21.8	237.7	19.5	16.5	10.4	307.5	310.6	1.0	12.8	13.2	49.
12.0	37.5	3427.1	675.0	3.2	-13.9	240.6	17.9	15.6	8.8	309.5	315.5	1.9	27.2	15.0	50.
13.1	40.4	3731.7	650.0	1.2	-18.9	243.8	18.2	16.4	8.1	310.5	314.7	1.3	20.5	16.3	51.
14.3	43.4	4046.0	625.0	-0.9	-10.9	244.3	15.0	13.5	6.5	311.7	319.8	2.7	46.5	17.3	52.
15.5	46.5	4371.2	600.0	-2.2	-44.6	258.6	16.4	16.1	3.2	313.5	313.9	0.1	2.2	18.6	53.
16.8	49.8	4707.0	575.0	-5.3	-40.5	272.7	16.4	16.4	-0.8	313.7	314.4	0.2	4.3	19.5	55.
18.1	52.9	5053.8	550.0	-8.5	-35.0	271.9	19.8	19.8	-0.7	314.0	315.2	0.4	9.7	20.6	57.
19.2	56.0	5412.2	525.0	-11.7	-32.4	269.9	21.6	21.6	0.0	314.3	316.0	0.5	15.9	21.9	59.
20.6	59.6	5783.3	500.0	-15.3	-26.3	270.7	23.1	23.1	-0.3	314.5	317.5	0.9	41.0	23.3	62.
21.6	62.0	6168.4	475.0	-18.4	-19.9	268.6	28.5	28.5	0.7	315.4	320.6	1.7	87.6	25.0	64.
23.0	66.6	6569.5	450.0	-21.9	-34.3	269.0	28.8	28.8	0.5	315.7	317.9	0.7	45.9	27.1	65.
24.4	70.3	6989.2	425.0	-23.6	-44.4	275.5	25.2	25.1	-2.4	318.7	319.3	0.2	12.6	29.1	67.
26.1	74.1	7430.6	400.0	-26.0	-45.5	273.5	31.1	31.0	-1.9	321.2	321.7	0.2	13.9	31.5	70.
27.8	78.2	7894.9	375.0	-29.0	-47.8	283.2	24.3	23.6	-5.5	323.2	323.7	0.1	14.2	34.1	72.
29.7	82.2	8384.7	350.0	-32.4	-50.4	274.5	29.6	29.5	-2.3	325.0	325.4	0.1	14.6	37.1	74.
31.5	86.4	8904.3	325.0	-35.6	-52.9	276.8	30.4	30.2	-3.6	327.6	327.9	0.1	14.9	40.1	76.
33.5	91.0	9455.8	300.0	-40.4	99.9	277.0	32.5	32.3	-4.0	328.5	999.9	99.9	999.9	43.9	78.
35.5	95.7	10043.2	275.0	-45.1	99.9	282.7	28.3	27.6	-6.2	329.9	999.9	99.9	999.9	46.8	79.
38.0	100.7	10671.6	250.0	-50.8	99.9	291.7	32.7	32.0	-6.6	330.6	999.9	99.9	999.9	51.3	81.
40.6	106.0	11349.3	225.0	-56.7	99.9	282.4	38.6	28.0	-6.1	331.7	999.9	99.9	999.9	55.7	83.
43.6	111.8	12087.4	200.0	-60.9	99.9	288.2	25.6	24.3	-8.0	336.3	999.9	99.9	999.9	60.5	85.
46.5	117.6	12908.5	175.0	-65.1	99.9	275.8	39.9	39.7	-4.0	342.5	999.9	99.9	999.9	65.8	86.
50.3	124.3	13858.3	150.0	-59.9	99.9	272.8	30.3*	30.3	-1.5	367.0	999.9	99.9	999.9	74.9	87.
54.9	131.0	15002.6	125.0	-60.0	99.9	267.9	25.3*	25.2	0.9	386.4	999.9	99.9	999.9	83.3	88.
59.9	138.3	16379.0	100.0	-66.1	99.9	252.7	16.0*	15.2	4.7	400.1	999.9	99.9	999.9	90.2	88.
66.3	145.3	18107.0	75.0	-67.9	99.9	282.6	10.7	10.4	-2.3	430.7	999.9	99.9	999.9	95.1	88.
75.3	152.7	20605.0	50.0	-59.7	99.9	227.2	0.6	0.5	0.4	502.9	999.9	99.9	999.9	98.8	88.
89.9	160.5	25035.8	25.0	-51.9	99.9	331.7	2.5	1.2	-2.2	636.4	999.9	99.9	999.9	98.7	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

24 APRIL 1975
515 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	79.0	1003.4	20.6	16.8	180.0	2.6	0.0	2.6	295.1	326.7	12.1	79.0	0.0	0.
0.1	5.8	108.5	1000.0	20.6	17.4	190.9	8.3	1.6	8.2	295.5	323.4	12.6	81.6	0.1	5.
0.8	7.9	327.9	975.0	20.0	18.3	194.6	14.3	3.6	13.9	297.1	333.2	13.8	90.1	0.5	11.
1.6	10.2	552.7	950.0	19.7	17.8	203.4	19.9	7.9	18.3	299.0	335.1	13.7	89.1	1.2	15.
2.2	12.3	782.3	925.0	17.6	15.6	208.8	21.0	10.1	18.4	299.0	331.2	12.2	87.7	2.1	20.
3.0	14.6	1016.7	900.0	16.1	13.5	211.9	22.8	12.1	19.4	299.6	328.8	10.9	84.5	3.0	23.
3.6	16.0	1256.4	875.0	15.0	11.5	214.7	20.6	11.7	16.9	300.7	327.2	9.8	79.4	3.9	26.
4.5	19.3	1502.0	850.0	13.5	11.1	220.3	20.1	13.0	15.4	301.6	328.2	9.8	85.6	4.9	28.
5.3	21.5	1753.5	825.0	12.5	9.6	224.2	20.8	14.5	14.9	303.0	328.1	9.2	83.0	6.0	30.
6.3	24.0	2011.5	800.0	11.2	0.4	231.3	22.1	17.2	13.8	304.1	325.2	7.6	72.5	7.2	33.
7.3	26.4	2276.8	775.0	10.3	4.3	230.3	24.3	18.7	15.5	305.8	324.8	6.7	66.0	8.5	36.
8.2	29.0	2549.1	750.0	8.4	1.4	228.4	25.0	18.7	16.6	306.4	322.6	5.7	61.3	9.8	38.
9.1	31.7	2829.3	725.0	8.3	-6.6	223.7	26.9	18.6	19.4	307.0	318.6	3.2	34.4	11.1	39.
9.9	34.4	3118.3	700.0	7.0	-15.1	218.3	27.1	16.8	21.3	310.4	315.7	1.7	19.0	12.6	39.
10.9	37.0	3416.3	675.0	5.7	-11.3	221.8	27.8	18.5	20.7	312.3	319.7	2.4	28.5	14.1	39.
11.8	39.8	3724.4	650.0	4.2	-6.2	233.2	24.8	19.9	14.9	314.2	325.3	3.7	46.5	15.7	40.
12.9	42.5	4042.4	625.0	1.9	-7.0	244.8	20.9	18.9	8.9	315.1	326.0	3.6	51.6	17.0	42.
13.9	45.4	4370.7	600.0	-0.9	-3.9	248.7	21.0	19.6	7.6	315.7	330.1	4.8	80.3	18.2	43.
15.1	48.5	4708.8	575.0	-4.1	-7.9	251.4	22.9	21.7	7.3	315.6	326.8	3.7	74.9	19.6	45.
16.4	51.5	5058.1	550.0	-6.8	-13.9	254.4	24.4	23.5	6.6	316.3	323.8	2.4	56.9	21.2	48.
17.6	54.7	5419.7	525.0	-9.4	-24.0	256.8	23.8	23.2	5.4	317.3	320.7	1.0	29.3	22.7	50.
18.9	57.8	5794.3	500.0	-13.1	-24.0	255.1	26.4	25.5	6.8	317.2	320.8	1.1	39.1	24.5	52.
20.4	61.1	6182.4	475.0	-16.8	-27.8	251.8	26.1	24.8	8.2	317.3	320.4	0.9	43.4	26.7	54.
21.7	64.8	6587.9	450.0	-18.0	-61.4	251.4	20.6	19.6	6.6	320.5	320.6	0.0	1.0	28.4	55.
23.1	68.2	7012.1	425.0	-21.4	-63.5	253.7	21.7	20.8	6.1	321.5	321.6	0.0	1.0	30.4	56.
24.6	71.3	7455.4	400.0	-25.5	-63.3	263.4	22.6	22.5	2.6	321.8	321.9	0.0	1.5	32.0	57.
26.1	75.8	7920.0	375.0	-29.0	-63.4	272.6	20.3	20.3	-0.9	323.2	323.3	0.0	2.0	33.9	59.
28.0	80.7	8409.7	350.0	-32.3	-64.1	261.8	30.9	30.6	4.4	325.1	325.1	0.0	2.5	36.5	61.
30.2	84.0	8929.1	325.0	-35.7	-65.2	269.8	21.8	21.8	0.1	327.3	327.4	0.0	3.1	38.6	63.
32.5	88.4	9490.1	300.0	-40.5	99.9	262.4	24.4	24.2	3.2	328.3	999.9	99.9	99.9	41.6	65.
34.9	93.2	10065.5	275.0	-46.1	99.9	273.3	19.2	19.1	-1.1	328.5	999.9	99.9	99.9	45.0	66.
37.4	98.2	10692.3	250.0	-51.3	99.9	267.4	25.5	25.4	1.1	329.7	999.9	99.9	99.9	48.6	68.
40.3	103.4	11371.4	225.0	-55.6	99.9	262.3	33.4	33.1	4.4	333.3	999.9	99.9	99.9	54.4	69.
43.2	109.3	12112.2	200.0	-61.1	99.9	263.8	34.1	33.9	3.7	336.0	999.9	99.9	99.9	61.0	71.
46.8	115.4	12936.7	175.0	-61.7	99.9	260.8	34.9	34.5	5.6	348.1	999.9	99.9	99.9	68.5	72.
51.0	122.3	13890.1	150.0	-61.5	99.9	267.7	33.5*	33.5	1.3	364.1	999.9	99.9	99.9	78.6	73.
55.7	129.7	15017.4	125.0	-62.9	99.9	264.5	29.7*	29.6	2.9	381.2	999.9	99.9	99.9	87.0	74.
61.0	137.8	16375.6	100.0	-68.6	99.9	261.9	25.4*	25.2	3.6	395.1	999.9	99.9	99.9	94.9	75.
67.7	146.0	18099.7	75.0	-66.2	99.9	239.3	18.3*	15.7	9.3	434.2	999.9	99.9	99.9	102.4	75.
76.9	155.3	20588.7	50.0	-61.7	99.9	80.3	1.8	-1.8	-0.3	458.3	999.9	99.9	99.9	105.1	74.
91.3	165.0	24987.8	25.0	-54.7	99.9	252.9	4.0	3.8	1.2	627.5	999.9	99.9	99.9	107.0	76.

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

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STATION NO. 349
MONETTE, MO

24 APRIL 1975
600 GMT

157 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CGMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	438.0	958.3	20.6	17.0	190.0	7.7	1.3	7.6	299.1	333.2	12.9	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	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	9.1	513.5	950.0	20.6	17.9	197.3	13.4	4.0	12.8	300.2	336.6	13.7	83.2	0.4	16.
1.1	11.1	744.4	925.0	19.3	17.7	197.4	15.9	4.8	15.2	300.9	338.0	14.0	90.4	1.0	17.
2.3	13.5	989.2	900.0	17.2	16.8	207.9	21.7	10.2	19.2	301.0	337.0	13.5	97.4	2.3	20.
3.2	15.7	1221.0	875.0	15.8	15.5	220.5	23.8	15.4	19.1	301.9	336.3	12.8	98.2	3.6	25.
4.3	18.0	1467.6	850.0	14.7	14.4	229.8	26.6	20.4	17.2	303.2	336.3	12.3	98.1	5.1	32.
5.3	20.4	1720.8	825.0	13.6	13.3	235.9	22.7	18.8	12.7	304.6	336.6	11.8	97.9	6.6	36.
6.6	22.8	1980.0	800.0	11.6	11.2	240.7	21.7	18.9	10.6	304.9	333.9	10.6	97.6	8.1	41.
7.8	25.3	2245.7	775.0	10.1	8.9	238.9	22.1	18.9	11.4	305.9	331.6	9.3	92.0	9.6	44.
8.7	27.8	2518.2	750.0	8.4	7.0	240.5	19.9	16.9	9.6	306.8	330.3	8.4	90.8	10.7	46.
9.6	30.4	2797.9	725.0	5.8	2.5	242.9	19.0	16.9	8.6	306.6	324.6	6.4	79.6	11.7	47.
10.5	33.1	3084.5	700.0	4.0	-0.5	245.0	18.1	16.4	7.6	307.5	322.8	5.3	72.8	12.7	48.
11.6	35.7	3380.2	675.0	2.5	-0.3	247.6	15.6	14.4	5.9	309.2	325.2	5.6	81.5	13.7	50.
12.8	38.6	3684.6	650.0	0.5	-6.3	248.2	18.0	16.7	6.7	310.0	321.0	3.7	60.5	14.8	51.
13.8	41.1	3998.9	625.0	-0.0	-29.4	255.4	18.0	17.4	4.5	312.5	314.3	0.5	8.8	15.9	53.
15.0	44.1	4324.0	600.0	-3.2	-30.5	247.9	20.4	18.9	7.7	312.5	314.2	0.5	9.9	17.1	54.
16.2	47.1	4659.3	575.0	-5.0	-36.9	241.7	20.7	18.2	9.8	314.1	315.1	0.3	6.1	18.6	55.
17.5	50.2	5006.7	550.0	-7.8	-43.7	243.5	21.6	19.4	9.7	314.9	315.4	0.1	3.7	20.1	56.
19.0	53.1	5366.7	525.0	-10.2	-47.9	244.6	20.7	18.7	8.9	316.1	316.5	0.1	2.8	22.2	56.
20.5	56.1	5741.2	500.0	-11.9	-52.4	244.1	20.2	18.2	8.8	318.4	318.7	0.1	1.9	23.9	57.
22.0	59.6	6131.0	475.0	-15.3	-47.4	239.3	21.2	18.2	10.8	318.9	319.3	0.1	4.5	25.7	57.
23.4	63.0	6536.1	450.0	-18.8	-46.1	236.6	20.9	17.4	11.5	319.5	320.0	0.1	6.9	27.6	57.
25.1	66.4	6959.0	425.0	-22.2	-48.3	238.0	21.6	18.3	11.4	320.4	320.8	0.1	7.2	29.8	57.
26.8	70.1	7400.8	400.0	-26.4	-49.2	241.4	20.8	18.4	9.8	320.6	321.0	0.1	9.5	31.8	57.
28.7	73.7	7863.6	375.0	-30.1	-52.1	247.8	22.3	20.6	8.4	321.7	322.0	0.1	9.6	34.4	58.
30.7	77.8	8351.3	350.0	-33.3	-54.2	249.1	30.2	28.2	10.8	323.7	324.0	0.1	10.1	37.4	59.
32.8	81.8	8867.6	325.0	-36.9	-58.3	246.4	32.0	29.3	12.8	325.7	325.8	0.0	8.8	41.3	60.
34.8	86.0	9416.6	300.0	-41.1	99.9	248.5	30.9	28.7	11.3	327.5	999.9	99.9	999.9	45.1	60.
37.2	90.7	10002.3	275.0	-45.6	99.9	249.5	30.0	28.1	10.5	329.1	999.9	99.9	999.9	49.5	61.
39.7	95.7	10630.2	250.0	-50.8	99.9	256.3	29.7	28.8	7.1	330.6	999.9	99.9	999.9	54.1	62.
42.6	100.7	11308.7	225.0	-55.7	99.9	257.6	32.8*	32.0	7.0	333.1	999.9	99.9	999.9	58.7	63.
45.4	106.5	12055.4	200.0	-57.8	99.9	274.5	30.4*	30.3	-2.4	341.3	999.9	99.9	999.9	64.4	65.
48.3	112.5	12866.7	175.0	-63.4	99.9	265.1	28.0*	27.9	2.4	345.3	999.9	99.9	999.9	69.0	67.
51.5	119.0	13832.6	150.0	-62.1	99.9	252.5	35.3*	33.7	10.6	363.2	999.9	99.9	999.9	74.1	68.
56.0	126.7	14965.3	125.0	-61.3	99.9	261.9	46.7*	46.3	6.6	384.1	999.9	99.9	999.9	85.1	69.
60.9	135.0	16349.7	100.0	-63.0	99.9	249.5	40.1*	37.5	14.0	406.0	999.9	99.9	999.9	94.5	70.
67.2	143.3	18100.0	75.0	-60.8	99.9	246.4	12.6*	11.5	5.0	445.4	999.9	99.9	999.9	101.2	71.
75.6	152.5	20607.4	50.0	-58.4	99.9	239.7	9.1	7.8	4.6	506.0	999.9	99.9	999.9	104.4	71.
89.1	162.0	25020.7	25.0	-54.1	99.9	48.6	5.1	-3.8	-3.4	629.1	999.9	99.9	999.9	107.8	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. 363
AMARILLO, TEX

24 APRIL 1975
515 GMT

152 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 RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	1095.0	883.7	15.0	-2.4	250.0	5.1	4.8	1.7	299.0	309.3	3.6	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.
0.3	14.6	1180.0	875.0	20.6	-4.4	278.1	13.2	13.0	-1.9	305.6	315.0	3.2	18.2	0.4	88.
1.1	16.6	1431.4	850.0	22.7	-5.4	277.2	14.9	14.8	-1.9	310.4	319.4	3.0	14.7	0.8	94.
1.9	18.8	1689.8	825.0	21.1	-6.9	271.0	15.8	15.8	-0.3	311.2	319.6	2.8	14.6	1.6	95.
2.8	20.9	1984.4	800.0	18.9	-8.0	266.5	16.4	16.4	1.0	311.6	319.6	2.6	15.3	2.4	92.
3.6	23.2	2225.2	775.0	16.3	-8.3	260.2	15.2	15.0	2.6	311.7	319.6	2.6	17.7	3.2	91.
4.5	25.5	2502.5	750.0	13.7	-9.8	254.7	15.1	14.6	4.0	311.7	319.1	2.4	18.5	4.0	88.
5.4	27.7	2786.0	725.0	10.8	-11.0	252.0	16.0	15.2	5.0	311.6	318.6	2.3	20.3	4.8	85.
6.2	30.1	3076.7	700.0	7.9	-12.2	248.3	16.3	15.1	6.0	311.5	318.1	2.1	22.6	5.6	83.
7.3	32.7	3374.7	675.0	4.9	-13.4	239.8	14.7	12.7	7.4	311.4	317.6	2.0	25.0	6.5	80.
8.5	35.3	3681.5	650.0	3.0	-15.6	246.4	17.3	15.9	6.9	312.6	318.0	1.7	23.9	7.6	77.
9.4	37.6	3997.4	625.0	0.2	-17.8	252.5	18.1	17.2	5.4	312.8	317.6	1.5	24.3	8.6	76.
10.4	40.3	4322.8	600.0	-3.0	-19.9	254.4	16.3	15.7	4.4	312.8	317.0	1.3	25.7	9.6	76.
11.6	42.9	4657.7	575.0	-6.2	-21.8	254.3	15.7	15.1	4.2	312.9	316.6	1.2	27.6	10.7	76.
12.4	45.8	5003.9	550.0	-8.4	-18.7	250.3	15.4	14.5	5.2	314.2	319.3	1.6	43.4	11.7	76.
13.8	48.8	5363.5	525.0	-10.5	-22.2	253.3	15.7	15.0	4.5	316.0	319.9	1.2	37.3	12.8	75.
15.0	51.5	5737.8	500.0	-12.4	-28.9	259.8	17.3	17.1	3.1	317.9	320.3	0.7	23.7	14.0	75.
16.4	54.6	6128.6	475.0	-13.7	-36.5	265.1	21.2	21.2	1.8	320.9	322.2	0.3	12.5	15.6	76.
17.6	57.6	6536.9	450.0	-17.2	-38.1	264.5	24.7	24.5	2.4	321.7	322.8	0.3	14.2	17.2	77.
19.2	61.0	6962.1	425.0	-21.0	-35.7	264.3	26.6	26.4	2.6	322.1	323.5	0.4	25.1	19.7	78.
20.6	64.4	7407.2	400.0	-24.5	-36.1	262.0	25.1	24.8	3.5	323.2	324.7	0.4	32.9	21.8	79.
22.1	67.9	7873.6	375.0	-28.3	-40.3	261.7	27.8	27.5	4.0	324.1	325.2	0.3	30.3	24.3	79.
23.9	71.5	9364.1	350.0	-32.9	-43.6	260.3	31.9	31.4	5.4	324.4	325.2	0.2	33.0	27.4	79.
25.6	75.3	8880.9	325.0	-37.3	-47.1	263.4	30.4	30.2	3.5	325.2	325.8	0.2	35.0	30.5	79.
27.5	79.7	9428.3	300.0	-42.2	99.9	265.6	30.0	30.0	2.3	325.9	999.9	99.9	999.9	34.0	80.
29.5	83.8	10012.0	275.0	-45.9	99.9	264.7	29.4	29.3	2.7	328.8	999.9	99.9	999.9	37.5	80.
31.8	88.3	10638.8	250.0	-51.6	99.9	266.0	34.4	34.3	2.4	329.3	999.9	99.9	999.9	41.6	81.
34.0	93.4	11316.1	225.0	-55.7	99.9	265.6	30.0	29.9	2.3	333.1	999.9	99.9	999.9	46.1	81.
36.4	98.6	12060.0	200.0	-59.7	99.9	263.2	38.7	38.4	4.6	338.3	999.9	99.9	999.9	51.3	82.
39.0	104.3	12888.0	175.0	-61.1	99.9	264.4	29.4	29.3	2.9	349.2	999.9	99.9	999.9	56.2	82.
42.2	111.0	13857.3	150.0	-57.7	99.9	254.6	31.2	30.0	8.3	370.7	999.9	99.9	999.9	63.1	81.
45.8	118.3	15004.1	125.0	-59.9	99.9	247.8	31.2	28.9	11.8	386.6	999.9	99.9	999.9	70.1	80.
50.1	127.0	16389.0	100.0	-59.5	99.9	250.8	25.3	23.9	8.3	412.8	999.9	99.9	999.9	77.5	79.
54.9	137.0	18161.6	75.0	-67.1	99.9	265.7	11.8	11.8	0.9	432.3	999.9	99.9	999.9	84.8	79.
62.5	148.0	20662.9	50.0	-59.3	99.9	251.9	17.4	16.5	5.4	503.8	999.9	99.9	999.9	87.4	79.
74.7	159.7	25131.2	25.0	-49.7	99.9	307.6	5.7	4.5	-3.5	642.1	999.9	99.9	999.9	96.8	78.

* BY SPEED MEANS ELEVATION 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. 402
WALLOPS ISLAND, VA

24 APRIL 1975
515 GMT

151 28. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	4.0	1019.6	13.3	10.5	999.9	99.9	99.9	99.9	285.9	306.0	7.8	83.0	999.9	999.
0.6	5.3	169.5	1000.0	17.2	11.9	999.9	99.9	99.9	99.9	291.6	314.6	8.8	71.0	999.9	999.
1.2	7.8	385.8	975.0	16.7	10.5	999.9	99.9	99.9	99.9	293.1	314.7	8.2	66.5	999.9	999.
1.9	9.8	607.3	950.0	16.5	9.7	999.9	99.9	99.9	99.9	295.0	316.3	8.0	64.2	999.9	999.
2.7	11.6	834.8	925.0	16.5	8.5	999.9	99.9	99.9	99.9	297.2	317.7	7.6	58.9	999.9	999.
3.4	13.8	1067.6	900.0	14.8	6.9	999.9	99.9	99.9	99.9	297.7	316.6	7.0	59.4	999.9	999.
4.2	15.3	1305.4	875.0	13.1	5.0	999.9	99.9	99.9	99.9	298.3	315.4	6.3	57.7	999.9	999.
5.0	17.9	1548.6	850.0	11.5	3.9	999.9	99.9	99.9	99.9	299.0	315.4	6.0	59.4	999.9	999.
5.8	20.2	1797.6	825.0	9.6	2.5	999.9	99.9	99.9	99.9	299.5	314.9	5.6	61.1	999.9	999.
6.5	22.3	2052.4	800.0	7.6	0.3	999.9	99.9	99.9	99.9	299.9	313.7	4.9	59.7	999.9	999.
7.4	24.6	2313.4	775.0	5.8	-2.7	999.9	99.9	99.9	99.9	300.5	312.1	4.1	54.5	999.9	999.
8.1	26.7	2581.1	750.0	4.2	-5.5	999.9	99.9	99.9	99.9	301.5	311.3	3.4	49.2	999.9	999.
9.0	29.2	2855.7	725.0	1.6	-7.2	999.9	99.9	99.9	99.9	301.6	310.5	3.1	51.7	999.9	999.
9.8	31.7	3137.4	700.0	-1.0	-8.1	999.9	99.9	99.9	99.9	301.7	310.4	3.0	58.6	999.9	999.
10.7	34.2	3426.5	675.0	-3.5	-9.3	999.9	99.9	99.9	99.9	302.0	310.2	2.8	64.0	999.9	999.
11.7	36.7	3723.5	650.0	-6.0	-10.3	999.9	99.9	99.9	99.9	302.4	310.3	2.7	71.9	999.9	999.
12.6	39.3	4029.3	625.0	-8.9	-11.3	999.9	99.9	99.9	99.9	302.6	310.2	2.6	82.2	999.9	999.
13.7	41.9	4344.1	600.0	-11.3	-11.5	999.9	99.9	99.9	99.9	303.3	311.1	2.6	98.5	999.9	999.
14.7	44.7	4665.8	575.0	-13.4	-13.7	999.9	99.9	99.9	99.9	304.5	311.4	2.3	98.1	999.9	999.
15.7	47.6	5009.6	550.0	-11.3	-11.5	999.9	99.9	99.9	99.9	311.0	319.8	2.9	98.3	999.9	999.
16.8	50.4	5366.7	525.0	-12.0	-13.5	999.9	99.9	99.9	99.9	314.3	322.2	2.6	88.6	999.9	999.
17.9	53.4	5739.3	500.0	-13.7	-17.2	999.9	99.9	99.9	99.9	316.6	322.8	2.0	74.8	999.9	999.
19.0	56.4	6127.2	475.0	-16.8	-18.9	999.9	99.9	99.9	99.9	317.3	323.0	1.8	83.6	999.9	999.
20.1	59.6	6531.3	450.0	-19.7	-21.7	999.9	99.9	99.9	99.9	318.6	323.5	1.5	83.7	999.9	999.
21.4	63.1	6953.4	425.0	-23.0	-24.2	999.9	99.9	99.9	99.9	319.6	323.7	1.3	90.4	999.9	999.
22.7	66.4	7395.4	400.0	-26.0	-26.2	999.9	99.9	99.9	99.9	321.2	325.0	1.1	98.5	999.9	999.
24.3	70.1	7859.7	375.0	-29.6	-32.3	999.9	99.9	99.9	99.9	322.4	324.7	0.7	77.8	999.9	999.
26.0	73.8	8348.3	350.0	-33.5	-38.5	999.9	99.9	99.9	99.9	323.5	324.9	0.4	60.6	999.9	999.
27.7	77.3	8864.0	325.0	-37.7	-45.5	999.9	99.9	99.9	99.9	324.6	325.3	0.2	43.8	999.9	999.
29.8	82.0	9410.5	300.0	-42.3	99.9	999.9	99.9	99.9	99.9	325.7	999.9	99.9	999.9	999.9	999.
31.6	86.2	9993.0	275.0	-46.8	99.9	999.9	99.9	99.9	99.9	327.4	999.9	99.9	999.9	999.9	999.
33.6	91.0	10616.7	250.0	-52.0	99.9	999.9	99.9	99.9	99.9	328.8	999.9	99.9	999.9	999.9	999.
35.6	96.3	11291.2	225.0	-56.7	99.9	999.9	99.9	99.9	99.9	331.7	999.9	99.9	999.9	999.9	999.
37.9	101.3	12028.7	200.0	-61.9	99.9	999.9	99.9	99.9	99.9	334.7	999.9	99.9	999.9	999.9	999.
40.0	107.3	12845.7	175.0	-65.7	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.
42.7	113.8	13790.5	150.0	-60.7	99.9	999.9	99.9	99.9	99.9	365.6	999.9	99.9	999.9	999.9	999.
46.4	121.9	14925.8	125.0	-57.3	99.9	999.9	99.9	99.9	99.9	391.2	999.9	99.9	999.9	999.9	999.
50.7	129.0	16322.1	100.0	-62.1	99.9	999.9	99.9	99.9	99.9	407.7	999.9	99.9	999.9	999.9	999.
56.0	137.7	18092.8	75.0	-66.3	99.9	999.9	99.9	99.9	99.9	434.0	999.9	99.9	999.9	999.9	999.
64.1	146.0	20597.5	50.0	-59.1	99.9	999.9	99.9	99.9	99.9	504.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 405
STERLING, VA

24 APRIL 1975
515 GMT

125 134. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V. COMP M/SEC	POT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	25.0	1006.3	16.1	12.7	180.0	5.1	0.0	5.1	290.0	313.7	9.2	80.0	0.0	0.
0.1	6.2	138.6	1000.0	16.2	13.0	196.2	16.0	4.5	15.3	290.7	315.1	9.4	80.9	0.4	44.
0.6	8.6	355.3	975.0	17.7	12.0	199.7	16.0	5.4	15.1	294.2	318.1	9.1	69.4	0.5	39.
1.2	10.9	577.2	950.0	16.2	10.3	215.9	17.5	10.3	14.2	294.8	316.8	8.3	67.6	1.1	32.
1.8	13.4	803.8	925.0	14.7	9.2	226.3	20.7	14.9	14.3	295.4	316.6	7.9	69.4	1.7	37.
2.3	15.7	1035.4	900.0	13.3	7.9	229.0	21.2	16.0	13.9	296.2	316.3	7.5	70.0	2.4	40.
3.0	18.1	1272.0	875.0	11.3	7.1	233.8	21.5	17.4	12.7	296.5	316.0	7.2	75.1	3.3	43.
3.6	20.6	1514.2	850.0	10.2	5.5	243.2	25.9	23.1	11.7	297.7	315.9	6.7	72.5	4.1	46.
4.2	23.1	1761.9	825.0	8.1	4.4	246.7	27.4	25.7	9.5	298.0	315.4	6.4	77.3	5.1	50.
4.9	25.7	2015.4	800.0	5.8	4.9	254.3	27.3	26.3	7.4	298.2	316.9	6.8	94.4	6.0	54.
5.4	28.2	2274.8	775.0	3.7	3.5	261.2	25.6	25.3	3.9	298.6	316.1	6.4	98.5	7.0	57.
6.3	31.0	2541.3	750.0	3.1	2.9	274.0	23.1	23.0	-1.6	300.7	318.2	6.3	98.4	8.0	61.
7.3	33.8	2815.8	725.0	1.3	1.0	279.6	22.5	22.2	-3.8	301.6	317.5	5.7	98.2	9.1	67.
8.4	36.5	3092.4	700.0	0.6	0.3	280.3	20.7	20.4	-3.7	303.8	319.6	5.6	95.0	10.4	71.
9.6	39.4	3389.9	675.0	-1.1	-1.4	281.2	18.2	17.8	-3.5	305.1	319.8	5.1	97.8	11.6	75.
10.7	42.0	3690.8	650.0	-2.5	-2.8	281.8	17.0	16.7	-3.5	306.7	320.5	4.8	97.6	12.6	77.
11.9	45.0	4001.7	625.0	-4.1	-4.4	281.7	18.0	17.6	-3.7	308.4	321.3	4.4	97.4	13.7	79.
13.1	48.1	4323.5	600.0	-5.5	-5.9	277.3	16.2	16.1	-2.1	310.3	322.5	4.1	97.2	14.9	81.
14.4	51.0	4656.8	575.0	-7.2	-7.6	270.5	18.9	18.9	-0.2	312.0	323.2	3.8	96.9	16.4	82.
15.7	54.3	5002.4	550.0	-9.6	-10.1	275.1	17.8	17.8	-1.6	313.1	322.9	3.2	96.5	17.7	83.
17.0	57.3	5360.4	525.0	-11.9	-12.4	279.2	17.7	17.5	-2.8	314.4	323.1	2.8	95.9	19.0	84.
18.5	60.7	5732.1	500.0	-15.0	-22.1	279.1	17.9	17.6	-2.8	314.9	317.2	1.3	55.0	20.5	85.
20.0	64.3	6117.8	475.0	-18.0	-33.1	280.0	22.1	21.8	-3.8	315.7	317.4	0.5	25.1	22.3	87.
21.7	67.7	6519.6	450.0	-21.0	-37.3	283.4	21.4	20.8	-5.0	316.8	318.0	0.3	21.4	24.5	88.
23.5	71.1	6936.3	425.0	-24.1	-35.7	275.9	28.6	28.5	-3.6	318.1	319.6	0.4	33.1	27.0	89.
25.4	75.0	7379.7	400.0	-26.1	-31.6	267.9	27.8	27.7	1.0	321.1	323.4	0.7	59.5	30.4	89.
27.9	79.0	7842.7	375.0	-29.6	-35.7	268.9	34.7	34.7	0.7	322.4	324.1	0.5	55.0	35.0	89.
30.4	82.8	8332.1	350.0	-33.8	-44.2	271.5	32.4	32.4	-0.8	323.1	323.9	0.2	33.6	40.1	89.
33.0	87.0	8846.7	325.0	-38.1	-63.8	277.4	37.4	37.1	-4.8	324.0	324.1	0.0	4.8	45.0	90.
36.2	91.6	9392.1	300.0	-42.9	99.9	278.7	27.0*	26.7	-4.1	324.9	999.9	99.9	999.9	50.2	91.
39.5	96.2	9972.9	275.0	-47.5	99.9	276.4	31.7*	31.5	-3.5	326.5	999.9	99.9	999.9	55.7	91.
42.7	101.0	10596.4	250.0	-52.0	99.9	284.6	22.7*	22.0	-5.7	328.7	999.9	99.9	999.9	62.6	92.
46.0	106.3	11270.9	225.0	-57.4	99.9	287.1	44.5*	42.6	-13.1	330.6	999.9	99.9	999.9	70.3	94.
49.4	111.3	12066.0	200.0	-63.0	99.9	287.8	44.7*	42.5	-13.6	333.1	999.9	99.9	999.9	75.4	95.
53.6	117.8	12818.9	175.0	-67.7	99.9	287.8	37.1*	35.3	-11.3	338.3	999.9	99.9	999.9	85.3	96.
59.9	124.5	13768.5	150.0	-59.3	99.9	297.1	36.0*	32.1	-16.4	368.0	999.9	99.9	999.9	97.7	99.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 425
HUNTINGTON, WVA

24 APRIL 1975
515 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 CCMP M/SEC	PGT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	246.0	985.1	15.6	10.6	180.0	2.6	0.0	2.6	291.1	312.5	8.2	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.
0.2	8.3	333.6	975.0	15.4	9.5	198.0	14.0	4.3	13.3	291.7	312.0	7.7	67.7	0.2	1.
1.0	10.5	554.3	950.0	15.3	9.4	204.8	15.5	6.5	14.1	293.2	314.5	7.8	67.7	0.6	14.
1.7	12.8	780.7	925.0	15.7	9.2	219.0	19.2	12.1	14.9	296.4	317.7	7.9	65.2	1.3	24.
2.6	15.2	1013.3	900.0	14.4	9.4	231.0	31.0	24.1	19.5	297.5	319.7	8.3	71.7	2.5	34.
3.3	17.5	1251.4	875.0	13.5	9.8	238.7	33.9	28.9	17.6	299.0	322.6	8.8	78.1	4.1	42.
4.2	20.0	1495.5	850.0	12.4	7.9	253.4	27.2	26.1	7.8	300.2	321.7	7.9	73.9	5.5	49.
5.1	22.3	1746.1	825.0	11.2	6.7	261.0	26.2	25.9	4.1	301.4	322.0	7.5	73.5	6.8	55.
6.0	24.9	2002.4	800.0	8.6	5.7	267.9	20.5	20.5	0.7	301.3	321.1	7.2	81.8	7.8	59.
6.9	27.3	2264.7	775.0	6.6	5.7	261.3	17.1	16.9	2.6	301.8	322.4	7.5	94.4	8.9	62.
7.8	30.1	2534.0	750.0	5.5	2.4	254.5	14.8	14.3	4.0	303.3	320.4	6.1	80.4	9.6	63.
8.6	32.7	2810.9	725.0	3.6	0.6	251.0	14.2	13.5	4.6	304.2	319.8	5.5	80.6	10.2	64.
9.4	35.3	3095.6	700.0	2.2	-0.2	251.3	13.4	12.7	4.3	305.6	321.0	5.4	84.6	11.0	64.
10.4	38.3	3388.2	675.0	-0.6	-0.9	256.9	15.3	14.9	3.5	305.6	320.8	5.3	97.6	11.7	65.
11.4	40.7	3690.4	650.0	-1.2	-3.5	266.2	17.4	17.3	1.2	308.2	321.5	4.6	84.8	12.8	66.
12.5	43.6	4002.0	625.0	-3.7	-11.1	267.3	17.8	17.8	0.9	308.5	316.4	2.6	56.2	13.9	68.
13.6	46.6	4323.4	600.0	-5.9	-18.4	267.9	13.9	13.9	0.5	309.5	314.2	1.5	36.9	14.9	69.
14.8	49.6	4655.2	575.0	-8.5	-23.9	266.5	13.3	13.3	0.8	310.1	313.2	1.0	27.5	15.7	70.
15.9	52.4	4999.1	550.0	-10.2	-22.5	277.1	13.4	13.3	-1.6	312.1	315.8	1.1	35.7	16.5	71.
17.0	55.4	5355.8	525.0	-12.8	-25.3	283.5	15.7	15.3	-3.7	313.1	316.1	0.9	34.2	17.4	73.
18.3	58.6	5725.5	500.0	-16.0	-25.6	283.1	18.1	17.6	-4.1	313.6	316.7	0.9	43.1	18.5	75.
19.6	61.9	6110.0	475.0	-18.6	-33.3	273.6	22.0	21.9	-1.4	314.9	316.6	0.5	26.1	19.9	77.
21.0	65.3	6510.4	450.0	-22.2	-36.0	273.5	24.4	24.4	-1.5	315.4	316.7	0.4	27.1	21.8	78.
22.5	68.7	6928.2	425.0	-24.3	-46.7	282.1	22.0	21.5	-4.6	317.8	318.3	0.1	11.4	23.8	80.
24.0	72.1	7368.5	400.0	-26.2	-48.5	278.4	25.9	25.7	-3.8	320.2	321.3	0.1	10.2	25.8	82.
25.5	76.0	7832.2	375.0	-29.8	-40.6	278.0	31.1	30.8	-4.3	322.1	323.2	0.3	33.8	28.4	83.
27.1	80.0	8319.8	350.0	-33.8	-37.1	282.2	31.6	30.9	-6.7	323.2	324.8	0.4	71.7	31.2	85.
28.7	83.8	8835.0	325.0	-38.2	-43.0	286.2	27.7	26.6	-7.7	324.0	325.0	0.3	59.9	33.9	86.
30.7	88.0	9321.1	300.0	-41.9	99.9	291.7	27.4	25.5	-10.2	326.3	999.9	99.9	999.9	36.8	88.
32.7	92.5	9965.6	275.0	-45.9	99.9	285.9	32.4	31.1	-8.9	328.8	999.9	99.9	999.9	40.3	90.
34.8	97.2	10592.3	250.0	-51.2	99.9	286.8	34.0	32.6	-9.9	329.9	999.9	99.9	999.9	44.2	92.
36.9	102.0	11268.9	225.0	-55.8	99.9	280.3	36.7	36.1	-6.6	333.0	999.9	99.9	999.9	48.3	93.
39.1	107.8	12007.3	200.0	-62.4	99.9	283.5	35.1	34.1	-6.2	334.0	999.9	99.9	999.9	53.0	93.
41.8	113.5	12828.2	175.0	-61.9	99.9	276.4	37.9	37.7	-4.2	347.7	999.9	99.9	999.9	59.3	94.
44.9	120.0	13793.6	150.0	-58.7	99.9	285.9	37.7	36.3	-10.3	369.0	999.9	99.9	999.9	66.5	95.
48.4	127.0	14942.3	125.0	-58.5	99.9	279.2	24.9	24.6	-4.0	389.0	999.9	99.9	999.9	73.9	96.
52.6	135.0	16335.0	100.0	-61.6	99.9	270.4	32.1	32.1	-0.2	408.8	999.9	99.9	999.9	79.2	95.
57.2	143.0	18093.9	75.0	-64.8	99.9	272.5	16.1	16.1	-0.7	437.1	999.9	99.9	999.9	84.3	96.
64.3	152.0	20603.0	50.0	-59.8	99.9	330.0	3.7	1.9	-3.2	502.7	999.9	99.9	999.9	87.6	96.
78.1	161.7	25004.5	25.0	-52.6	99.9	302.4	5.1	4.3	-2.7	633.8	999.9	99.9	999.9	88.1	97.

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

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
515 GMT

109 137. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MS	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	7.5	298.0	976.2	15.8	14.0	200.0	5.1	1.7	4.8	292.3	319.2	10.4	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	7.8	308.5	975.0	15.5	13.5	196.4	11.4	3.2	11.0	292.1	318.3	10.1	87.8	0.1	20.
1.2	10.1	528.8	950.0	13.9	12.6	205.3	18.7	8.0	16.9	292.6	319.0	9.7	91.6	0.9	23.
2.1	12.1	754.4	925.0	13.7	12.3	219.2	25.3	16.0	19.6	294.6	320.4	9.8	91.6	2.0	28.
3.3	14.3	985.6	900.0	13.0	10.6	231.7	26.8	21.0	16.6	296.0	319.9	9.0	85.7	3.4	35.
4.0	16.4	1222.8	875.0	12.2	10.0	236.5	27.9	23.3	15.4	297.7	321.4	8.9	86.4	5.0	42.
5.0	18.7	1465.7	850.0	11.1	9.7	241.7	24.5	21.5	11.6	299.0	323.1	8.9	91.0	6.5	46.
5.8	20.8	1715.0	825.0	9.8	8.8	241.7	21.4	18.8	10.1	300.1	323.7	8.7	93.5	7.6	49.
6.7	23.2	1970.8	800.0	8.6	7.7	238.1	18.8	15.9	9.9	301.4	324.1	8.3	94.1	8.6	50.
7.5	25.5	2233.8	775.0	7.6	6.7	237.3	15.1	12.7	8.2	303.0	325.0	8.0	93.8	9.4	51.
8.3	27.8	2504.1	750.0	6.2	5.4	236.1	14.5	12.0	8.1	304.3	325.3	7.5	94.2	10.1	51.
9.2	30.3	2751.1	725.0	3.6	2.8	239.1	14.3	12.3	7.4	304.3	322.4	6.5	94.3	10.9	51.
9.9	32.8	3066.4	700.0	2.5	1.6	239.5	14.7	12.7	7.5	306.1	323.5	6.2	93.5	11.5	52.
10.6	35.3	3360.7	675.0	1.0	0.0	237.9	15.6	13.3	8.3	307.5	323.8	5.7	93.1	12.1	52.
11.4	37.7	3663.4	650.0	-1.8	-2.6	236.9	15.7	13.2	8.6	307.6	321.7	4.9	94.0	12.9	52.
12.1	40.3	3975.7	625.0	-2.4	-3.1	236.4	14.3	11.9	7.9	310.3	324.6	4.9	94.5	13.5	53.
12.6	42.9	4299.7	600.0	-3.4	-4.2	235.4	13.3	10.9	7.5	312.7	326.6	4.7	94.2	13.9	53.
13.1	45.7	4635.5	575.0	-5.8	-6.7	237.2	12.2	10.3	6.6	313.6	325.7	4.0	93.4	14.4	53.
13.9	48.6	4981.6	550.0	-9.3	-10.5	245.9	11.9	10.9	4.9	313.4	322.9	3.1	90.8	14.8	53.
14.5	51.4	5340.8	525.0	-10.6	-12.0	250.8	13.6	12.9	4.5	316.0	325.0	2.9	89.7	15.3	54.
15.1	54.4	5715.2	500.0	-13.0	-14.5	253.0	17.0	16.3	5.0	317.5	325.3	2.5	88.1	15.8	54.
15.6	57.3	6104.7	475.0	-15.2	-17.0	253.7	21.1	20.2	5.9	319.4	326.1	2.1	86.2	16.3	55.
16.4	60.4	6509.6	450.0	-20.0	-22.3	255.6	25.9	25.1	6.4	318.2	322.8	1.4	81.7	17.4	56.
17.4	63.9	6931.0	425.0	-23.5	-26.3	258.5	26.0	25.5	5.2	319.0	322.5	1.0	77.2	19.0	56.
18.9	67.0	7371.4	400.0	-26.9	-30.3	248.5	27.1	25.3	9.9	320.0	322.6	0.8	73.1	21.1	60.
21.0	70.3	7833.9	375.0	-30.8	-34.6	253.3	28.2	27.0	8.1	320.8	322.7	0.5	69.0	24.6	61.
25.7	73.9	8319.7	350.0	-34.5	-38.7	252.4	28.8	27.5	8.7	322.2	323.6	0.4	65.1	32.2	64.
28.7	77.8	8833.2	325.0	-38.8	-43.3	246.2	33.7	30.8	13.6	323.1	324.0	0.2	62.0	37.4	65.
30.8	81.7	9377.0	300.0	-43.5	99.9	264.4	30.6	30.5	3.0	324.0	999.9	99.9	999.9	41.3	66.
31.9	85.7	9956.3	275.0	-48.5	99.9	278.3	32.4	32.1	-4.7	324.9	999.9	99.9	999.9	43.5	67.
33.5	90.3	10574.9	250.0	-54.9	99.9	282.1	35.1	34.3	-7.4	324.5	999.9	99.9	999.9	45.9	69.
35.8	95.2	11238.6	225.0	-61.0	99.9	292.2	40.6	37.6	-15.4	325.1	999.9	99.9	999.9	49.5	73.
38.8	100.0	11962.3	200.0	-62.5	99.9	287.9	51.9	49.4	-16.0	333.7	999.9	99.9	999.9	56.5	78.
42.4	105.5	12825.3	175.0	-52.8	99.9	286.6	19.7	18.8	-5.5	362.8	999.9	99.9	999.9	64.5	81.
46.0	111.5	13799.6	150.0	-61.0	99.9	269.8	20.9	20.9	0.1	365.1	999.9	99.9	999.9	68.1	82.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 433
SALEM, ILL

24 APRIL 1975
515 GMT

109 152. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	175.0	990.8	16.7	15.6	270.0	1.5	1.5	0.0	292.1	321.3	11.3	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	6.5	312.6	975.0	17.0	13.1	335.8	12.3	5.0	-11.2	293.6	319.3	9.8	77.7	0.1	38.
1.0	8.5	534.7	950.0	17.1	10.0	332.3	12.9	6.0	-11.5	295.7	317.5	8.2	62.9	0.3	135.
1.7	10.5	762.4	925.0	16.5	8.8	322.1	13.9	8.5	-10.9	297.3	318.1	7.7	60.2	0.9	145.
2.4	12.5	995.4	900.0	15.3	7.9	313.3	11.9	8.6	-8.1	298.3	318.5	7.5	61.3	1.5	142.
3.1	14.7	1233.6	875.0	13.1	7.5	303.0	8.9	7.4	-4.8	298.4	318.7	7.5	68.8	1.9	139.
3.7	16.6	1476.7	850.0	10.8	8.3	277.5	6.7	6.6	-0.9	298.5	320.6	8.2	84.9	2.2	136.
4.4	18.9	1725.6	825.0	9.6	9.2	241.5	8.2	7.2	3.9	299.9	324.1	8.9	97.5	2.3	130.
5.0	21.0	1981.6	800.0	9.2	8.8	228.7	13.4	10.1	0.8	302.2	326.7	9.0	97.4	2.4	122.
5.8	23.4	2245.6	775.0	8.5	8.1	228.0	16.9	12.5	11.3	304.2	328.5	8.8	97.3	2.7	106.
6.7	25.6	2516.8	750.0	6.8	6.4	230.8	17.7	13.7	11.2	305.0	327.4	8.1	97.0	3.4	92.
7.5	28.0	2755.0	725.0	5.5	5.0	234.6	19.2	15.7	11.1	306.5	327.8	7.6	96.8	4.0	84.
8.8	30.5	3080.7	700.0	2.1	-0.9	232.6	22.0	17.5	13.4	305.4	320.1	5.1	80.5	5.5	76.
10.0	33.1	3373.7	675.0	0.2	-1.4	229.6	25.4	19.3	16.4	306.5	321.2	5.1	88.8	7.2	76.
11.2	35.6	3676.2	650.0	-0.9	-2.0	230.6	27.3	21.1	17.3	308.7	323.5	5.1	92.2	8.8	64.
12.1	37.9	3988.2	625.0	-4.9	-13.0	233.5	28.7	23.1	17.0	307.1	314.2	2.3	53.9	10.4	64.
13.2	40.5	4309.3	600.0	-5.9	-11.6	238.8	27.3	23.4	14.2	309.6	317.5	2.6	64.2	12.2	63.
14.1	43.2	4641.5	575.0	-7.8	-12.2	243.8	28.2	25.3	12.5	311.2	319.2	2.6	70.8	13.6	62.
14.9	46.1	4986.5	550.0	-9.3	-12.6	246.9	32.2	29.6	12.6	313.3	321.4	2.6	76.8	15.1	63.
16.3	49.1	5344.8	525.0	-11.4	-22.4	247.1	30.7	28.3	11.9	314.8	318.7	1.2	39.6	17.9	63.
17.8	52.0	5718.2	500.0	-13.1	-20.8	254.4	31.0	29.9	8.3	317.2	321.9	1.4	51.9	20.5	54.
18.8	55.0	6108.1	475.0	-14.9	-23.9	259.5	30.5	30.0	5.5	319.6	323.4	1.2	45.8	22.4	65.
19.9	58.1	6514.8	450.0	-18.4	-28.1	260.9	28.8	28.5	4.5	320.1	322.9	0.8	42.1	24.1	67.
20.9	61.6	6939.1	425.0	-21.6	-33.4	258.8	29.2	28.7	5.7	321.3	323.1	0.5	34.0	25.9	57.
22.2	65.1	7382.8	400.0	-24.7	-39.8	264.2	28.0	27.8	2.8	322.8	324.1	0.4	28.5	28.1	68.
23.5	68.6	7848.9	375.0	-28.4	-68.1	271.4	27.4	27.4	-0.7	323.9	323.9	0.0	1.0	30.0	70.
24.9	72.3	8340.4	350.0	-31.3	-70.0	273.5	25.3	25.2	-1.5	326.5	326.5	0.0	1.0	32.4	71.
26.2	76.3	8861.7	325.0	-35.1	-72.6	999.9	99.9	99.9	99.9	328.2	328.2	0.0	1.0	99.9	99.9
27.4	80.6	9413.3	300.0	-40.1	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	99.9	99.9
28.3	85.0	9999.2	275.0	-46.6	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	999.9	99.9	99.9
29.9	89.8	10627.9	250.0	-50.1	99.9	999.9	99.9	99.9	99.9	331.5	999.9	99.9	999.9	99.9	99.9
31.7	95.0	11304.3	225.0	-56.7	99.9	999.9	99.9	99.9	99.9	331.7	999.9	99.9	999.9	99.9	99.9
33.5	100.4	12041.1	200.0	-61.0	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	99.9	99.9
35.1	106.5	12863.9	175.0	-64.8	99.9	999.9	99.9	99.9	99.9	343.0	999.9	99.9	999.9	99.9	99.9
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	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99.9	99.9

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

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
515 GMT

147 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CNMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	791.0	914.4	16.7	-0.9	290.0	4.1	3.9	-1.4	297.9	308.9	3.9	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	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	14.8	928.1	900.0	23.2	9.0	204.2	6.9	2.8	6.3	306.6	329.1	8.1	40.5	0.3	139.
1.3	17.0	1174.0	875.0	24.4	-4.6	236.6	9.0	7.5	5.0	309.5	318.9	3.1	14.3	0.4	83.
2.0	19.4	1426.0	850.0	21.7	-6.5	237.1	10.6	8.9	5.8	309.3	317.6	2.8	14.5	0.9	72.
2.7	21.7	1683.2	825.0	19.3	-7.3	231.6	12.8	10.0	8.0	309.4	317.5	2.7	15.7	1.3	65.
3.4	24.1	1946.3	800.0	17.2	-8.9	229.5	14.0	10.6	9.1	309.8	317.2	2.4	15.9	1.9	61.
4.4	26.4	2215.5	775.0	14.5	-10.1	226.1	15.6	11.2	10.8	309.7	316.7	2.3	17.2	2.7	57.
5.3	29.0	2491.0	750.0	12.5	-11.6	223.3	16.6	12.0	10.8	310.4	316.8	2.1	17.3	3.6	54.
6.2	31.7	2773.7	725.0	9.9	-13.0	230.7	17.0	13.1	10.7	310.5	316.5	1.9	18.5	4.5	53.
7.0	34.3	3063.4	700.0	7.2	-15.1	231.7	16.5	13.0	10.2	310.7	315.9	1.7	18.7	5.4	53.
8.1	36.9	3360.9	675.0	4.6	-15.7	231.1	14.8	11.5	9.3	311.0	316.2	1.7	21.1	6.3	53.
9.1	39.8	3666.7	650.0	1.8	-17.8	237.0	13.9	11.6	7.6	311.2	315.8	1.5	21.6	7.2	53.
10.0	42.4	3981.4	625.0	-0.8	-19.9	249.6	14.3	13.4	5.0	311.7	315.7	1.3	21.8	8.0	54.
11.1	45.3	4305.8	600.0	-3.5	-21.1	266.3	14.6	14.6	0.9	312.1	315.9	1.2	24.2	8.9	56.
12.2	48.4	4640.0	575.0	-6.8	-22.0	280.2	14.4	14.2	-2.6	312.1	315.8	1.1	28.6	9.6	60.
13.3	51.3	4985.3	550.0	-9.2	-24.2	275.9	13.9	13.9	-1.4	313.3	316.5	1.0	28.3	10.3	63.
14.5	54.4	5343.9	525.0	-11.3	-27.3	264.8	15.3	15.2	1.4	314.9	317.5	0.8	25.7	11.3	66.
15.6	57.4	5717.0	500.0	-13.6	-24.3	253.7	16.3	15.6	4.6	316.5	320.0	1.1	39.9	12.3	67.
16.8	60.9	6104.6	475.0	-16.9	-25.0	256.2	12.0	11.7	2.9	317.2	320.6	1.1	49.2	13.3	67.
18.0	64.3	6509.3	450.0	-19.2	-29.0	262.8	12.8	12.7	1.6	319.2	321.8	0.8	41.2	14.1	68.
19.3	67.7	6932.5	425.0	-22.2	-32.5	263.0	14.9	14.8	1.7	320.6	322.6	0.6	38.3	15.2	69.
20.6	71.0	7374.7	400.0	-26.2	-36.9	262.7	15.6	15.5	2.0	320.9	322.2	0.4	35.6	16.3	70.
22.2	75.0	7837.6	375.0	-30.6	-41.0	262.8	17.4	17.2	2.2	321.1	322.1	0.3	35.0	17.9	71.
23.8	79.0	8323.5	350.0	-34.9	-45.4	260.0	16.8	16.5	2.9	321.6	322.2	0.2	33.1	19.5	72.
25.5	82.8	8837.0	325.0	-38.0	-51.4	268.1	20.9	20.9	0.7	324.2	324.6	0.1	22.7	21.5	73.
27.6	87.0	9382.9	300.0	-42.6	99.9	271.1	22.4	22.4	-0.4	325.3	999.9	99.9	999.9	23.9	75.
29.7	91.6	9965.0	275.0	-47.3	99.9	273.6	26.2	26.1	-1.7	326.8	999.9	99.9	999.9	26.9	77.
31.9	96.2	10590.4	250.0	-50.7	99.9	264.6	27.1	26.9	2.5	330.6	999.9	99.9	999.9	30.1	78.
34.2	100.8	11269.0	225.0	-55.8	99.9	264.0	27.7	27.6	2.9	333.1	999.9	99.9	999.9	34.3	79.
36.8	106.5	12012.8	200.0	-59.8	99.9	243.6	23.9	21.4	10.7	338.1	999.9	99.9	999.9	38.1	79.
39.9	112.3	12848.4	175.0	-59.7	99.9	261.0	34.0	33.6	5.3	351.3	999.9	99.9	999.9	43.9	78.
43.6	118.5	13818.4	150.0	-57.8	99.9	246.8	31.1	28.6	12.2	370.5	999.9	99.9	999.9	50.1	77.
47.8	125.5	14970.5	125.0	-57.6	99.9	253.0	31.4	30.0	9.2	390.6	999.9	99.9	999.9	58.3	76.
52.6	133.0	16370.0	100.0	-60.4	99.9	241.6	21.9	19.3	10.4	411.1	999.9	99.9	999.9	66.3	76.
58.7	140.3	18163.1	75.0	-63.7	99.9	259.9	14.9	14.7	2.6	439.3	999.9	99.9	999.9	72.8	75.
67.1	148.0	20693.8	50.0	-57.3	99.9	216.0	5.5	3.2	4.4	508.4	999.9	99.9	999.9	77.0	75.
80.6	155.7	25150.9	25.0	-51.1	99.9	269.1	4.4	4.4	0.1	638.0	999.9	99.9	999.9	80.2	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. 456
TOPEKA, KAN

24 APRIL 1975
520 GMT

124 93. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DFW PT CG C	DIR CG	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	6.6	268.0	974.0	22.8	18.3	280.0	10.3	10.1	-1.8	300.1	336.6	13.8	76.0	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	8.5	482.6	950.0	17.7	10.1	288.3	20.6	19.6	-6.5	296.3	318.2	8.2	60.7	0.7	150.
1.4	10.6	710.7	925.0	17.1	7.8	291.0	22.9	21.3	-8.2	297.8	317.4	7.2	54.3	1.5	126.
2.1	12.6	943.9	900.0	15.4	5.5	295.7	20.6	18.6	-8.9	298.3	315.6	6.3	51.5	2.4	121.
2.8	14.7	1182.1	875.0	13.4	4.5	300.0	19.0	16.5	-9.5	298.5	315.1	6.0	54.6	3.3	119.
3.8	16.9	1425.3	850.0	11.2	6.6	309.1	22.3	17.3	-14.0	298.8	318.6	7.3	74.0	4.6	121.
4.4	19.1	1674.0	825.0	8.9	7.0	311.7	16.6	12.4	-11.0	299.1	319.9	7.7	87.6	5.3	123.
4.8	21.2	1928.3	800.0	6.3	5.7	315.9	12.4	8.7	-8.9	298.8	318.5	7.2	96.1	5.6	123.
5.2	23.5	2189.4	775.0	6.4	6.4	315.1	8.4	5.9	-6.0	301.7	323.1	7.8	100.4	5.8	124.
5.7	25.8	2458.8	750.0	5.5	5.5	285.4	3.8	3.7	-1.0	303.5	324.5	7.6	100.8	6.0	124.
6.0	28.3	2736.1	725.0	4.3	4.3	223.5	4.5	3.1	3.3	305.1	325.4	7.2	103.3	5.9	124.
6.3	30.7	3022.0	700.0	3.4	3.4	206.1	7.1	3.1	6.3	307.1	326.9	7.0	103.8	6.0	123.
6.6	33.3	3317.2	675.0	2.9	2.9	194.6	10.9	2.7	10.5	309.9	330.0	7.1	102.8	6.0	121.
7.1	35.8	3624.9	650.0	4.0	3.7	185.5	14.3	1.4	14.2	314.5	336.9	7.7	98.3	5.9	116.
7.4	38.4	3944.3	625.0	3.0	2.8	179.7	15.5	-0.1	15.5	316.9	339.1	7.6	98.6	5.7	114.
8.3	41.0	4274.3	600.0	-1.0	-1.4	176.0	15.9	-1.1	15.8	315.7	332.8	5.8	96.6	5.2	107.
9.3	43.8	4614.2	575.0	-2.0	-4.1	178.8	19.4	-0.4	19.4	318.3	333.1	4.9	85.7	5.1	96.
10.0	46.7	4967.3	550.0	-3.9	-6.5	178.7	23.6	-0.5	23.6	320.0	333.1	4.3	82.4	5.1	97.
11.6	49.6	5332.9	525.0	-8.5	-12.1	182.7	21.2	1.0	21.1	318.5	327.5	2.9	75.4	5.8	62.
15.3	52.4	5709.0	500.0	-11.9*	99.9	191.2	21.3	4.1	20.9	318.6	999.9	99.9	999.9	9.4	37.
19.4	55.4	6098.8	475.0	-15.8	-19.8	199.5	18.6	6.2	17.6	318.5	323.9	1.7	71.3	14.1	29.
21.3	58.4	6504.2	450.0	-18.9	-22.9	211.9	23.4	12.4	19.9	319.7	324.0	1.3	69.9	16.4	28.
23.2	61.9	6928.7	425.0	-21.0	-25.2	216.0	26.5	15.6	21.5	322.1	326.0	1.2	68.7	19.2	29.
24.8	65.2	7373.8	400.0	-24.3	-28.6	223.0	26.8	18.3	19.6	323.5	326.6	0.9	67.0	21.9	31.
26.3	68.6	7842.9	375.0	-25.9	-30.4	227.2	25.0	18.4	17.0	327.3	330.1	0.8	65.5	24.1	32.
27.7	72.2	8338.0	350.0	-30.6	-35.2	228.7	25.2	18.9	16.6	327.4	329.3	0.5	63.7	26.1	33.
29.3	76.2	8859.5	325.0	-35.7	-40.5	231.1	23.2	18.1	14.6	327.4	328.6	0.3	61.2	26.1	35.
30.9	80.3	9409.0	300.0	-40.7	99.9	234.1	19.1	15.5	11.2	328.0	999.9	99.9	999.9	30.6	36.
32.1	84.5	9994.9	275.0	-46.3	99.9	237.8	21.5	18.2	11.4	328.2	999.9	99.9	999.9	31.6	37.
33.7	88.8	10621.9	250.0	-51.1	99.9	236.8	22.1	18.5	12.1	330.2	999.9	99.9	999.9	33.8	38.
37.5	93.8	11298.1	225.0	-56.6	99.9	232.4	23.2	18.4	14.1	331.7	999.9	99.9	999.9	38.8	40.
44.9	99.0	12034.7	200.0	-62.7	99.9	210.6	17.7	9.0	15.3	333.4	999.9	99.9	999.9	47.2	39.
47.8	104.5	12845.7	175.0	-69.1	99.9	220.2	31.6	20.4	24.1	336.0	999.9	99.9	999.9	51.7	38.
51.9	110.8	13782.3	150.0	-60.5	99.9	254.5	35.7	34.4	9.5	365.9	999.9	99.9	999.9	59.5	41.
60.5	118.0	14915.6	125.0	-58.6	99.9	260.3	30.5	30.1	5.1	384.9	999.9	99.9	999.9	74.3	49.
67.4	126.0	16312.1	100.0	-56.7	99.9	233.1	16.2	13.0	9.7	418.1	999.9	99.9	999.9	82.8	53.
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. 426
FORT TOTTEN, N Y

24 APRIL 1975
515 GMT

134 76. 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	8.0	1018.0	93.0	91.1	999.9	99.9	99.9	99.9	496.1	****	****	93.0	999.9	999.
0.5	5.7	181.9	1000.0	9.1	8.1	999.9	99.9	99.9	99.9	283.2	300.5	6.8	93.2	999.9	999.
1.1	7.8	393.0	975.0	11.5	11.4	999.9	99.9	99.9	99.9	287.8	310.3	8.7	99.4	999.9	999.
1.8	10.0	611.1	950.0	12.9	10.6	999.9	99.9	99.9	99.9	291.4	313.6	8.5	86.2	999.9	999.
2.5	12.1	836.1	925.0	13.2	9.1	999.9	99.9	99.9	99.9	293.8	314.8	7.9	76.2	999.9	999.
3.2	14.3	1066.4	900.0	11.9	7.8	999.9	99.9	99.9	99.9	294.7	314.5	7.4	75.9	999.9	999.
4.0	16.5	1302.1	875.0	10.6	6.9	999.9	99.9	99.9	99.9	295.7	315.0	7.2	77.8	999.9	999.
4.8	18.9	1543.4	850.0	9.4	4.3	999.9	99.9	99.9	99.9	296.8	313.5	6.2	70.7	999.9	999.
5.7	20.9	1790.5	825.0	7.5	2.7	999.9	99.9	99.9	99.9	297.3	312.9	5.7	71.6	999.9	999.
6.5	23.4	2043.4	800.0	5.3	0.7	999.9	99.9	99.9	99.9	297.5	311.4	5.0	71.9	999.9	999.
7.4	25.7	2302.3	775.0	3.2	0.9	999.9	99.9	99.9	99.9	298.0	312.6	5.3	84.5	999.9	999.
8.2	28.1	2567.4	750.0	1.2	0.5	999.9	99.9	99.9	99.9	298.5	313.2	5.3	99.2	999.9	999.
9.2	30.7	2839.4	725.0	-0.9	-3.2	999.9	99.9	99.9	99.9	299.0	310.7	4.2	83.9	999.9	999.
10.1	33.3	3119.1	700.0	-2.6	-4.8	999.9	99.9	99.9	99.9	300.1	311.1	3.8	84.8	999.9	999.
11.1	35.8	3407.6	675.0	-3.4	-6.3	999.9	99.9	99.9	99.9	302.3	312.5	3.5	80.4	999.9	999.
12.1	38.4	3705.2	650.0	-5.6	-8.3	999.9	99.9	99.9	99.9	303.0	312.2	3.2	81.5	999.9	999.
13.1	40.9	4011.7	625.0	-7.8	-9.5	999.9	99.9	99.9	99.9	303.9	312.7	3.0	87.7	999.9	999.
14.1	43.7	4328.8	600.0	-9.3	-10.0	999.9	99.9	99.9	99.9	305.7	314.1	2.8	90.2	999.9	999.
15.2	46.5	4657.0	575.0	-11.5	-12.9	999.9	99.9	99.9	99.9	306.8	314.3	2.5	89.2	999.9	999.
16.3	49.5	4996.9	550.0	-13.4	-14.8	999.9	99.9	99.9	99.9	308.4	315.1	2.2	89.2	999.9	999.
17.4	52.3	5350.0	525.0	-15.4	-16.9	999.9	99.9	99.9	99.9	310.1	316.1	1.9	88.6	999.9	999.
18.5	55.3	5717.2	500.0	-17.6	-18.9	999.9	99.9	99.9	99.9	311.7	317.1	1.7	89.6	999.9	999.
19.7	58.4	6099.5	475.0	-20.1	-21.5	999.9	99.9	99.9	99.9	313.3	317.8	1.4	88.1	999.9	999.
21.1	61.7	6498.5	450.0	-23.0	-24.4	999.9	99.9	99.9	99.9	314.5	318.3	1.2	87.4	999.9	999.
22.4	65.1	6915.3	425.0	-25.8	-27.6	999.9	99.9	99.9	99.9	316.0	319.1	0.9	84.1	999.9	999.
23.8	68.4	7352.7	400.0	-27.8	-29.8	999.9	99.9	99.9	99.9	318.9	321.6	0.8	82.6	999.9	999.
25.1	71.8	7814.7	375.0	-30.3	-32.9	999.9	99.9	99.9	99.9	321.5	323.6	0.6	77.7	999.9	999.
26.6	75.6	8302.2	350.0	-34.1	-37.2	999.9	99.9	99.9	99.9	322.8	324.4	0.4	73.2	999.9	999.
28.2	79.6	8816.6	325.0	-38.4	-41.9	999.9	99.9	99.9	99.9	323.7	324.8	0.3	68.7	999.9	999.
30.0	83.5	9361.1	300.0	-43.4	99.9	999.9	99.9	99.9	99.9	324.2	999.9	99.9	999.9	999.9	999.
31.6	87.5	9939.7	275.0	-48.8	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
33.7	92.2	10557.7	250.0	-54.8	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999.
35.7	96.8	11222.0	225.0	-61.1	99.9	999.9	99.9	99.9	99.9	324.9	999.9	99.9	999.9	999.9	999.
38.1	102.0	11943.0	200.0	-65.5	99.9	999.9	99.9	99.9	99.9	329.1	999.9	99.9	999.9	999.9	999.
41.1	107.9	12761.3	175.0	-59.8	99.9	999.9	99.9	99.9	99.9	351.3	999.9	99.9	999.9	999.9	999.
44.9	114.0	13719.0	150.0	-59.8	99.9	999.9	99.9	99.9	99.9	367.1	999.9	99.9	999.9	999.9	999.
49.4	120.8	14870.0	125.0	-58.1	99.9	999.9	99.9	99.9	99.9	389.9	999.9	99.9	999.9	999.9	999.
55.2	126.7	16271.5	100.0	-59.6	99.9	999.9	99.9	99.9	99.9	412.5	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. 518
ALBANY, N Y

24 APRIL 1975
515 GMT

139 91. 1

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

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	86.0	1008.6	9.0	5.9	170.0	7.2	-1.3	7.1	282.2	297.1	5.8	81.0	0.0	0.
0.2	5.9	157.0	1000.0	9.2	99.9	2.8	6.5	-0.3	-6.5	282.4	999.9	99.9	999.9	0.0	347.
0.9	8.4	366.2	975.0	8.4	99.9	106.7	1.5	-1.4	0.4	283.7	999.9	99.9	999.9	0.9	343.
1.7	10.8	580.0	950.0	7.0	99.9	170.4	17.5	-2.9	17.2	284.3	999.9	99.9	999.9	1.5	344.
2.6	13.2	799.0	925.0	6.7	5.6	177.5	23.2	-1.0	23.2	287.0	303.2	6.2	93.0	2.6	348.
3.5	15.6	1025.4	900.0	7.7	4.9	194.7	15.8	4.0	15.2	290.2	306.4	6.1	82.9	3.7	353.
4.6	18.1	1258.1	875.0	8.0	5.1	210.5	16.5	8.4	14.2	293.0	309.9	6.3	81.5	4.5	360.
5.7	20.6	1497.0	850.0	5.9	4.2	215.4	17.1	9.9	14.0	293.2	309.6	6.1	88.7	5.4	6.
6.7	23.2	1741.0	825.0	4.1	3.1	215.3	17.9	10.3	14.6	293.7	309.4	5.8	92.5	6.4	11.
7.9	25.8	1991.0	800.0	2.4	1.8	213.9	18.6	10.0	15.5	294.5	309.3	5.5	95.4	7.5	15.
9.1	28.4	2247.3	775.0	0.8	0.2	213.1	20.3	11.1	17.0	295.3	309.1	5.0	95.4	8.9	18.
10.6	31.2	2510.9	750.0	0.0	-0.6	215.2	21.7	12.5	17.7	297.2	310.7	4.9	95.3	10.8	20.
12.4	34.1	2782.2	725.0	-1.2	-1.9	217.6	23.9	14.6	18.9	299.7	311.7	4.6	95.5	13.0	23.
13.8	36.8	3061.9	700.0	-2.4	-3.0	221.9	25.2	16.8	18.7	300.4	312.8	4.4	95.3	15.2	26.
15.0	39.7	3350.1	675.0	-4.1	-4.7	226.4	23.3	16.9	16.1	301.6	313.0	4.0	95.1	16.8	27.
16.2	42.5	3647.4	650.0	-5.7	-6.5	235.2	24.0	19.7	13.7	302.9	313.4	3.6	94.6	18.4	29.
17.4	45.5	3954.2	625.0	-7.7	-8.3	245.0	24.0	21.7	10.1	304.1	313.6	3.3	95.7	20.0	32.
19.2	48.7	4270.6	603.0	-10.4	-11.4	244.6	26.8	24.2	11.5	304.4	312.2	2.7	92.3	22.1	36.
20.9	51.5	4597.2	575.0	-13.6	-14.7	247.7	27.9*	25.8	10.6	304.3	310.7	2.1	91.1	24.7	39.
22.5	54.9	4932.3	550.0	-17.1	-18.4	251.5	29.0*	27.5	9.2	304.0	309.0	1.6	89.5	27.1	42.
24.2	58.0	5282.0	525.0	-17.0	-18.3	256.9	23.4*	22.8	5.3	308.1	313.4	1.7	89.4	29.3	45.
25.9	61.4	5647.2	500.0	-18.7	-20.3	254.9	27.7*	26.7	7.2	310.3	315.1	1.5	87.0	31.4	47.
27.6	65.0	6027.8	475.0	-21.4	-23.2	256.1	20.9*	20.3	5.0	311.6	315.6	1.2	84.8	34.0	49.
29.6	68.4	6426.2	450.0	-22.2	-24.3	263.1	19.5*	19.3	2.3	315.5	319.3	1.2	82.8	35.9	51.
31.3	71.9	6845.0	425.0	-24.5	-26.7	266.1	19.4*	19.3	1.3	317.6	320.9	1.0	81.8	37.9	53.
33.3	75.7	7284.0	400.0	-27.8	-30.2	273.3	17.9*	17.9	-1.0	318.9	321.5	0.8	79.4	39.2	55.
35.1	79.7	7744.7	375.0	-31.2	-34.0	267.7	20.7	20.7	0.8	320.3	322.3	0.6	75.7	41.3	56.
37.1	83.7	8230.4	350.0	-34.7	-38.0	258.0	26.7	26.2	5.5	321.9	323.4	0.4	71.3	43.6	58.
39.2	87.7	8744.2	325.0	-38.7	-42.4	261.7	28.0	27.7	4.0	323.3	324.3	0.3	67.5	46.2	60.
41.4	92.2	9288.2	300.0	-43.8	99.9	256.6	28.7	27.9	6.7	323.6	999.9	99.9	999.9	50.2	61.
43.7	96.8	9866.3	275.0	-49.0	99.9	263.7	26.3*	26.1	2.9	324.3	999.9	99.9	999.9	53.5	62.
46.2	101.6	10483.7	250.0	-54.9	99.9	261.7	34.8*	34.4	5.0	324.5	999.9	99.9	999.9	56.1	64.
48.8	107.0	11147.2	225.0	-61.1	99.9	264.1	34.5*	34.4	3.6	324.9	999.9	99.9	999.9	62.8	65.
51.4	112.2	11870.5	200.0	-65.3	99.9	270.3	41.2*	41.2	-0.2	329.3	999.9	99.9	999.9	69.1	67.
54.9	118.0	12691.2	175.0	-61.1	99.9	278.4	40.1*	39.7	-5.9	349.2	999.9	99.9	999.9	75.6	70.
58.9	125.0	13562.4	150.0	-55.1	99.9	277.7	44.6*	44.2	-5.9	375.2	999.9	99.9	999.9	82.9	74.
63.6	132.0	14816.2	125.0	-56.9	99.9	310.8	20.9*	15.9	-13.7	392.0	999.9	99.9	999.9	89.2	76.
70.4	140.0	16224.3	100.0	-58.3	99.9	289.3	21.9*	20.6	-7.2	415.2	999.9	99.9	999.9	97.0	79.
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. 520
PITTSBURG, PA

24 APRIL 1975
515 GMT

149 43. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	359.0	971.3	13.6	9.6	210.0	6.2	3.1	5.4	290.2	310.5	7.8	77.0	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	8.4	546.2	950.0	12.9	10.8	226.5	16.8	12.2	11.6	291.4	313.9	8.6	87.1	0.4	41.
1.1	10.5	770.3	925.0	11.5	10.6	230.5	18.0	13.9	11.4	292.2	315.0	8.7	94.3	0.9	45.
1.8	12.5	999.3	900.0	10.2	10.2	242.4	22.5	19.9	10.4	293.2	316.1	8.7	99.6	1.8	49.
2.5	14.7	1234.4	875.0	10.1	10.1	258.1	25.5	25.0	5.3	295.5	319.2	8.9	100.3	2.8	57.
3.3	16.7	1475.6	850.0	8.8	8.3	268.3	25.4	25.4	0.8	296.5	318.3	8.1	96.5	3.9	65.
4.1	18.9	1722.8	825.0	7.8	6.9	270.7	21.8	21.8	-0.3	297.9	318.4	7.6	93.9	4.9	71.
4.9	21.0	1976.3	800.0	6.9	4.7	264.0	19.5	19.4	2.0	299.4	317.8	6.7	85.9	5.9	74.
5.7	23.4	2237.6	775.0	6.2	2.0	269.5	17.6	17.6	0.2	301.3	317.2	5.7	74.3	6.8	75.
6.6	25.7	2505.9	750.0	4.5	-0.4	279.7	15.8	15.6	-2.7	302.1	316.2	5.0	70.4	7.5	77.
7.4	28.1	2781.4	725.0	2.7	-2.3	281.3	16.0	15.7	-3.1	303.0	315.8	4.5	69.6	8.3	80.
8.4	30.7	3064.7	700.0	0.7	-4.4	281.0	16.0	15.7	-3.1	303.8	315.1	3.9	68.2	9.1	82.
9.3	33.2	3356.2	675.0	-0.4	-10.4	281.7	15.9	15.6	-3.2	305.5	313.1	2.6	46.6	10.0	94.
10.2	35.6	3657.1	650.0	-2.5	-14.2	285.7	15.2	14.6	-4.1	306.4	312.4	2.0	40.0	10.8	85.
11.1	38.2	3967.0	625.0	-4.8	-17.4	292.8	16.7	15.4	-6.5	307.1	312.0	1.6	36.8	11.5	97.
12.0	40.8	4287.8	600.0	-5.6	-24.3	295.0	20.7	18.7	-8.7	309.7	312.6	0.9	21.3	12.4	89.
12.9	43.6	4620.5	575.0	-7.4	-23.2	295.5	20.8	18.8	-8.9	311.5	314.8	1.0	26.8	13.5	91.
14.0	46.6	4965.7	550.0	-9.1	-29.1	289.6	19.8	18.7	-6.7	313.3	315.4	0.6	17.9	14.7	93.
15.0	49.6	5323.9	525.0	-11.7	-33.6	280.7	19.1	18.8	-3.5	314.4	315.8	0.4	14.1	15.8	94.
16.1	52.4	5655.7	500.0	-14.6	-36.6	279.8	17.8	17.5	-3.0	315.3	316.4	0.3	13.3	17.1	94.
17.2	55.6	6081.4	475.0	-18.5	-36.7	280.5	17.9	17.6	-3.3	315.0	316.2	0.3	18.4	18.3	95.
18.4	58.9	6481.6	450.0	-22.3	-32.1	282.1	20.1	19.6	-4.2	315.2	317.1	0.6	40.4	19.5	95.
19.8	62.3	6898.8	425.0	-25.8	-36.3	281.9	21.5	21.1	-4.4	315.9	317.2	0.4	36.6	21.3	96.
21.1	65.8	7335.7	400.0	-28.3	-43.7	283.4	23.1	22.4	-5.3	319.2	318.9	0.2	21.1	23.0	96.
22.4	69.3	7796.1	375.0	-31.0	-47.1	285.8	25.9	24.9	-7.0	320.5	321.0	0.1	18.7	24.9	97.
23.9	73.2	8281.8	350.0	-34.8	-48.6	289.6	23.9	22.5	-8.0	321.8	322.3	0.1	22.8	27.2	98.
25.5	77.2	8744.7	325.0	-38.9	-47.3	290.4	24.9	23.3	-8.7	323.0	323.6	0.2	40.3	29.5	99.
27.1	81.3	9339.7	300.0	-42.4	99.9	287.9	31.9	30.3	-9.8	325.7	999.9	99.9	999.9	32.2	100.
28.9	85.7	9921.1	275.0	-47.6	99.9	280.9	29.4	28.9	-5.6	326.3	999.9	99.9	999.9	35.4	100.
30.8	90.6	10543.0	250.0	-52.2	99.9	274.8	26.9	26.8	-2.3	328.4	999.9	99.9	999.9	38.6	100.
32.9	95.9	11218.2	225.0	-56.5	99.9	277.2	25.3	25.1	-3.2	332.0	999.9	99.9	999.9	42.0	100.
34.7	101.2	11960.6	200.0	-58.4	99.9	288.2	18.2	17.3	-5.7	340.4	999.9	99.9	999.9	44.5	100.
37.0	107.5	12790.2	175.0	-63.9	99.9	302.8	29.3	24.6	-15.9	344.5	999.9	99.9	999.9	47.4	101.
39.4	114.0	13737.5	150.0	-61.2	99.9	277.0	24.2	24.0	-2.9	364.7	999.9	99.9	999.9	51.5	102.
43.0	122.0	14884.9	125.0	-57.0	99.9	284.5	32.0	31.0	-8.0	391.8	999.9	99.9	999.9	56.7	101.
46.9	130.7	16288.4	100.0	-60.9	99.9	282.5	26.9	26.2	-5.8	410.1	999.9	99.9	999.9	63.5	101.
51.9	140.0	19050.8	75.0	-62.5	99.9	290.5	15.2	14.2	-5.3	441.9	999.9	99.9	999.9	69.7	102.
59.8	151.0	20584.3	50.0	-59.8	99.9	281.3	10.5	10.3	-2.1	502.7	999.9	99.9	999.9	73.7	103.
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. 528
BUFFALO, N Y

24 APRIL 1975
515 GMT

153 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	SEW 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	218.0	983.4	11.7	10.6	200.0	7.7	2.6	7.2	287.3	308.4	8.2	93.0	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.
0.2	6.4	290.4	975.0	13.1	9.8	212.5	13.3	7.1	11.2	289.4	309.7	7.8	80.3	0.4	29.
0.9	8.5	502.3	950.0	11.0	9.7	214.3	15.0	8.5	12.4	289.4	310.1	8.0	91.5	0.7	31.
1.6	10.5	730.8	925.0	9.7	8.8	221.3	19.6	12.9	14.7	290.2	310.4	7.7	93.9	1.4	34.
2.3	12.4	958.4	900.0	8.7	7.9	234.1	23.9	19.3	14.0	291.5	311.1	7.5	94.5	2.4	39.
3.0	14.5	1191.8	875.0	8.1	7.3	243.9	26.3	23.6	11.3	293.1	312.7	7.4	94.9	3.4	45.
3.6	16.5	1431.5	850.0	7.7	7.1	253.1	25.0	24.0	7.3	295.2	315.2	7.5	95.6	4.3	50.
4.4	18.7	1677.8	825.0	6.9	6.3	262.4	23.5	23.3	3.1	296.9	316.6	7.3	95.8	5.3	56.
5.2	20.8	1930.9	800.0	5.8	5.1	266.7	22.7	22.6	1.3	298.2	317.1	6.9	95.7	6.3	61.
5.9	23.0	2199.5	775.0	4.4	3.7	263.8	19.9	19.8	2.1	299.4	317.2	6.5	95.4	7.1	64.
6.9	25.3	2457.3	750.0	2.4	1.7	266.4	19.5	19.5	1.2	300.0	316.0	5.8	95.1	8.2	67.
7.8	27.5	2730.7	725.0	-0.0	-0.9	270.1	21.5	21.5	-0.0	300.1	314.0	5.0	93.6	9.2	69.
8.7	30.0	3011.4	700.0	-0.5	-5.7	274.9	23.5	23.4	-2.0	302.3	312.6	3.6	67.8	10.4	72.
9.6	32.6	3303.2	675.0	0.0	-19.3	280.4	25.5	25.1	-4.6	305.8	309.6	1.2	21.7	11.6	75.
10.6	35.1	3604.5	650.0	-1.9	-22.6	275.1	26.0	25.9	-2.8	307.0	310.0	1.0	18.7	13.1	77.
11.6	37.6	3915.2	625.0	-4.2	-25.4	276.7	23.7	23.6	-2.8	307.8	310.2	0.8	17.2	14.4	79.
12.5	40.2	4235.4	600.0	-6.5	-27.8	277.4	20.9	20.7	-2.7	308.6	310.7	0.6	16.5	15.6	81.
13.5	42.8	4566.5	575.0	-8.8	-30.2	275.3	20.4	20.3	-1.9	309.7	311.5	0.5	15.7	16.8	82.
14.6	45.6	4908.9	550.0	-11.9	-30.4	275.1	20.9	20.8	-1.9	309.9	311.8	0.5	19.9	18.1	83.
15.8	48.6	5263.3	525.0	-14.2	-36.3	275.1	23.3	23.2	-2.1	311.3	312.5	0.3	13.5	19.6	84.
17.0	51.4	5632.0	500.0	-16.0	-40.0	271.6	27.1	27.1	-0.8	313.5	314.3	0.2	10.5	21.4	85.
18.4	54.6	6016.3	475.0	-18.7	-42.3	271.3	28.1	28.1	-0.6	314.8	315.5	0.2	10.4	23.7	85.
19.7	57.5	6417.2	450.0	-21.8	-46.3	271.8	29.3	29.2	-0.9	315.8	316.3	0.1	8.7	26.1	86.
21.1	60.9	6834.7	425.0	-25.6	99.9	277.5	21.3	21.1	-2.8	316.2	999.9	99.9	999.9	28.1	87.
22.6	64.4	7271.0	400.0	-29.5	99.9	274.4	22.1	22.1	-1.7	316.6	999.9	99.9	999.9	30.0	87.
24.2	67.8	7728.1	375.0	-33.1	99.9	272.7	24.6	24.6	-1.1	317.8	999.9	99.9	999.9	32.3	88.
25.8	71.3	8208.8	350.0	-36.8	99.9	285.2	28.5	27.5	-7.5	319.1	999.9	99.9	999.9	34.6	88.
27.4	75.3	8720.9	325.0	-38.8	99.9	300.6	33.0	28.4	-16.8	323.2	999.9	99.9	999.9	37.2	90.
28.9	79.4	9264.8	300.0	-43.6	99.9	301.2	39.3	33.6	-20.4	324.0	999.9	99.9	999.9	40.2	93.
30.6	83.6	9843.5	275.0	-48.6	99.9	296.1	45.8	41.2	-20.1	324.8	999.9	99.9	999.9	44.0	95.
33.0	88.2	10465.0	250.0	-51.8	99.9	292.0	60.5	56.1	-22.6	329.0	999.9	99.9	999.9	51.6	98.
34.7	93.3	11144.5	225.0	-55.5	99.9	297.8	47.8	42.3	-22.2	333.5	999.9	99.9	999.9	57.1	100.
36.7	98.5	11884.9	200.0	-61.2	99.9	289.0	35.0	33.1	-11.4	335.9	999.9	99.9	999.9	61.5	101.
39.8	104.3	12720.6	175.0	-58.3	99.9	275.0	39.1*	38.9	-3.4	353.8	999.9	99.9	999.9	68.4	100.
43.3	110.8	13696.8	150.0	-58.8	99.9	282.2	26.7*	26.1	-5.6	368.8	999.9	99.9	999.9	74.5	103.
47.5	118.3	14842.0	125.0	-55.3	99.9	275.4	30.0*	29.9	-2.8	394.8	999.9	99.9	999.9	81.4	100.
52.5	127.0	16263.3	100.0	-55.5	99.9	281.7	27.0*	26.3	-5.5	420.5	999.9	99.9	999.9	89.0	100.
58.0	137.0	18070.2	75.0	-60.4	99.9	280.6	14.5	14.2	-2.7	446.2	999.9	99.9	999.9	93.3	100.
66.5	148.3	20628.2	50.0	-55.4	99.9	280.3	3.4	3.4	-0.6	512.9	999.9	99.9	999.9	96.5	101.
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. 532
PEORIA, ILL

24 APRIL 1975
515 GMT

147 53. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	200.0	982.9	14.4	13.8	240.0	1.6	1.4	0.8	290.3	316.4	10.1	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.2	6.7	268.7	975.0	15.1	14.9	237.9	3.6	3.1	1.9	291.8	320.2	11.0	98.3	0.1	33.
0.9	8.8	489.4	950.0	15.2	13.3	237.5	5.1	4.3	2.7	293.9	320.7	10.2	88.9	0.2	54.
1.6	10.9	716.1	925.0	16.0	8.8	256.5	6.3	6.1	1.5	296.7	317.4	7.7	62.4	0.5	59.
2.4	13.0	949.5	900.0	16.9	3.4	281.5	7.6	7.4	-1.5	299.6	314.8	5.4	40.5	0.3	71.
3.1	15.2	1189.1	875.0	15.4	1.6	289.7	7.4	7.0	-2.5	300.5	314.2	4.9	39.1	1.0	82.
3.8	17.4	1434.0	850.0	13.6	0.7	281.2	6.4	6.2	-1.2	301.1	314.4	4.7	41.2	1.3	87.
4.6	19.8	1694.8	825.0	11.9	-0.2	290.1	5.3	5.0	-1.8	301.8	314.8	4.6	43.2	1.6	90.
5.4	22.0	1941.6	800.0	10.2	-0.8	305.2	4.2	3.4	-2.4	302.7	315.6	4.5	46.3	1.8	93.
6.2	24.5	2205.0	775.0	8.2	-0.8	312.8	4.5	3.3	-3.1	303.2	316.5	4.7	53.4	2.0	97.
7.1	26.7	2474.9	750.0	5.9	0.7	319.5	5.7	3.7	-4.4	303.7	318.9	5.4	69.2	2.2	101.
8.1	29.3	2752.1	725.0	4.7	-7.0	318.6	7.2	4.8	-5.4	305.0	314.1	3.1	42.4	2.5	107.
9.1	32.0	3037.1	700.0	2.9	-17.1	315.9	10.1	7.1	-7.3	305.8	310.2	1.4	21.2	2.9	111.
10.1	34.7	3331.0	675.0	1.5	-18.4	315.2	13.7	9.7	-9.7	307.5	311.7	1.3	21.0	3.6	117.
11.2	37.2	3633.3	650.0	-1.3	-18.6	313.5	16.0	11.6	-11.0	307.6	311.9	1.4	25.5	4.5	120.
12.2	40.1	3944.0	625.0	-4.1	-18.8	308.6	19.6	15.3	-12.2	307.9	312.2	1.4	30.7	5.6	123.
13.4	42.9	4264.7	600.0	-6.3	-21.1	301.4	22.5	19.2	-11.7	308.9	312.7	1.2	29.7	7.1	123.
14.5	45.9	4596.1	575.0	-8.1	-41.3	296.6	21.2	18.9	-9.5	310.4	311.1	0.2	5.2	8.6	122.
15.7	49.0	4940.1	550.0	-10.1	-56.3	286.3	23.9	23.0	-6.7	312.1	312.2	0.0	1.0	10.1	121.
16.9	52.0	5296.6	525.0	-12.8	-58.0	280.7	25.1	24.7	-4.7	313.0	313.1	0.0	1.0	11.7	118.
18.0	55.3	5666.8	500.0	-15.5	-59.7	277.8	25.3	25.1	-3.4	314.2	314.2	0.0	1.0	13.5	116.
19.3	58.6	6051.8	475.0	-17.8	-61.2	275.6	27.5	27.4	-2.7	315.9	316.0	0.0	1.0	15.4	113.
20.6	62.1	6454.4	450.0	-19.8	-61.8	272.9	28.0	27.9	-1.4	318.3	318.4	0.0	1.1	17.4	111.
22.0	65.9	6876.6	425.0	-22.7	-33.3	276.5	29.6	29.4	-3.3	319.9	321.8	0.5	37.5	19.7	109.
23.2	69.5	7318.3	400.0	-26.0	-28.4	267.2	30.9	30.9	1.5	321.2	324.3	0.9	80.3	22.1	108.
24.8	73.3	7782.2	375.0	-29.8	-31.6	257.0	32.1	31.3	7.2	322.2	324.7	0.7	83.7	24.7	104.
26.5	77.7	8270.6	350.0	-33.4	-36.0	248.2	32.0	29.7	11.9	323.7	325.4	0.5	77.5	27.3	101.
28.0	81.9	8787.0	325.0	-37.2	-41.2	244.3	32.3	29.1	14.0	325.3	326.5	0.3	65.7	29.9	97.
29.8	86.4	9334.3	300.0	-42.2	99.9	243.1	31.1	27.7	14.1	325.9	999.9	99.9	999.9	32.6	94.
31.7	91.4	9916.3	275.0	-47.1	99.9	243.1	33.1	29.5	14.9	327.0	999.9	99.9	999.9	35.9	91.
33.5	96.5	10539.9	250.0	-52.3	99.9	242.7	31.8	28.3	14.6	328.3	999.9	99.9	999.9	38.9	89.
35.4	102.0	11212.8	225.0	-57.7	99.9	245.3	32.1	29.1	13.4	330.0	999.9	99.9	999.9	42.3	87.
37.5	108.2	11943.6	200.0	-64.8	99.9	249.1	36.8	34.4	13.1	330.2	999.9	99.9	999.9	46.3	85.
39.9	114.5	12751.3	175.0	-67.3	99.9	252.8	29.7	28.4	8.8	338.9	999.9	99.9	999.9	51.3	83.
42.4	121.5	13689.3	150.0	-62.6	99.9	270.5	39.3	39.3	-0.3	362.3	999.9	99.9	999.9	56.4	83.
46.2	129.0	14825.7	125.0	-57.4	99.9	276.0	34.2	34.0	-3.6	391.1	999.9	99.9	999.9	65.0	85.
50.5	137.0	16245.3	100.0	-58.1	99.9	240.2	17.6	15.2	8.7	415.5	999.9	99.9	999.9	70.4	85.
56.4	144.7	18031.2	75.0	-66.3	99.9	318.5	2.8	1.9	-2.1	433.9	999.9	99.9	999.9	73.5	84.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 553
OMAHA, NEB

24 APRIL 1975
600 GMT

155 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	7.7	400.0	961.6	12.7	10.6	70.0	2.6	-2.4	-0.9	290.2	312.0	8.4	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.
0.3	8.7	502.4	950.0	13.0	11.3	999.9	99.9	99.9	99.9	291.5	314.7	8.9	89.2	999.9	999.
1.1	10.7	726.4	925.0	11.2	10.0	999.9	99.9	99.9	99.9	291.9	313.9	8.4	92.4	999.9	999.
1.8	12.8	955.0	900.0	9.6	8.6	57.2	9.0	-7.6	-4.9	292.4	313.1	7.8	93.8	1.0	240.
2.7	15.1	1188.8	875.0	8.8	7.9	25.1	5.4	-2.3	-4.9	293.9	314.4	7.7	94.2	1.3	238.
3.5	17.2	1429.6	850.0	9.5	-8.7	330.2	5.2	2.6	-4.5	296.4	303.2	2.4	26.8	1.5	229.
4.4	19.5	1679.1	825.0	11.8	-6.7	340.3	3.4	1.1	-3.2	301.4	309.6	2.8	26.7	1.5	220.
5.4	21.7	1935.5	800.0	10.0	-5.3	356.0	3.8	0.3	-3.8	302.2	311.6	3.2	33.6	1.6	216.
6.4	24.1	2198.6	775.0	8.9	-12.7	347.5	5.7	1.2	-5.6	303.6	309.2	1.8	20.1	1.9	209.
7.4	26.3	2469.0	750.0	7.1	-14.8	346.1	7.3	1.7	-7.1	304.5	309.5	1.6	19.2	2.2	202.
8.5	28.9	2746.3	725.0	4.8	-16.2	338.4	7.4	2.7	-6.9	304.9	309.5	1.5	20.0	2.6	194.
9.6	31.4	3031.2	700.0	2.7	-14.5	321.3	5.5	3.4	-4.3	305.7	311.1	1.8	26.9	3.0	189.
10.7	34.1	3324.2	675.0	0.5	-13.8	279.1	5.7	5.6	-0.9	306.5	312.4	1.9	33.1	3.1	183.
11.8	36.6	3620.0	650.0	-1.7	-14.4	270.4	7.4	7.4	-0.1	307.3	313.2	1.9	37.1	3.1	176.
12.9	39.3	3930.5	625.0	-4.8	-14.1	268.4	8.0	8.0	0.2	307.2	313.5	2.0	47.7	3.2	168.
14.0	42.0	4250.1	600.0	-7.7	-15.1	252.1	8.7	8.2	2.7	307.4	313.4	2.0	55.1	3.3	156.
15.1	44.9	4586.0	575.0	-10.2	-15.8	251.2	10.3	9.8	3.3	308.3	314.2	1.9	63.3	3.3	146.
16.2	47.9	4926.9	550.0	-13.0	-15.6	254.6	11.3	10.9	3.0	308.9	315.2	2.1	81.1	3.7	134.
17.5	50.8	5279.9	525.0	-15.8	-17.7	255.2	11.2	10.8	2.9	309.6	315.1	1.8	85.3	4.1	124.
18.8	53.9	5645.8	500.0	-18.6	-34.3	248.3	14.0	13.0	5.2	310.4	312.0	0.5	27.5	4.8	116.
20.3	57.0	6029.9	475.0	-17.2	-29.9	240.0	16.9	14.6	8.5	316.8	319.0	0.7	31.8	5.8	104.
21.7	60.4	6433.9	450.0	-19.8	-33.4	254.0	18.3	17.6	5.0	318.3	320.0	0.5	28.5	7.0	96.
23.1	63.9	6854.9	425.0	-23.6	-32.8	252.5	18.5	17.6	5.5	318.7	320.7	0.6	42.3	8.4	93.
24.4	67.3	7294.7	400.0	-27.6	-33.7	248.8	18.7	17.4	6.8	319.2	321.0	0.5	55.3	9.8	89.
25.9	70.9	7756.3	375.0	-31.0	-40.8	249.3	19.8	18.5	7.0	320.5	321.6	0.3	37.1	11.5	86.
27.5	74.8	8241.5	350.0	-35.0	-43.3	252.1	20.8	19.8	6.4	321.4	322.3	0.2	42.4	13.3	84.
29.1	79.0	8753.8	325.0	-39.1	99.9	238.7	22.9	19.6	11.9	322.8	999.9	99.9	999.9	15.2	82.
30.8	83.2	9297.7	300.0	-43.4	99.9	229.5	26.1	19.9	17.0	324.2	999.9	99.9	999.9	17.5	78.
32.5	87.6	9878.5	275.0	-47.2	99.9	218.1	35.3	21.8	27.8	326.8	999.9	99.9	999.9	20.3	73.
34.6	92.6	10501.3	250.0	-52.9	99.9	213.0	44.0	24.0	36.9	327.4	999.9	99.9	999.9	24.2	66.
37.0	97.6	11172.4	225.0	-58.8	99.9	208.5	48.7	23.2	42.8	328.5	999.9	99.9	999.9	30.2	58.
39.0	103.0	11903.7	200.0	-62.5	99.9	227.6	45.6	33.7	30.8	333.8	999.9	99.9	999.9	35.5	55.
41.8	109.3	12727.2	175.0	-63.1	99.9	249.0	43.3	40.4	15.5	345.2	999.9	99.9	999.9	42.7	56.
45.6	115.8	13690.1	150.0	-58.3	99.9	261.8	36.7	36.4	5.3	369.7	999.9	99.9	999.9	52.0	59.
49.8	123.5	14834.4	125.0	-57.6	99.9	255.0	36.4	35.1	9.4	390.7	999.9	99.9	999.9	60.1	62.
55.8	132.3	16254.0	100.0	-53.6	99.9	242.2	24.7	21.9	11.5	424.2	999.9	99.9	999.9	70.8	63.
62.0	141.3	18085.3	75.0	-59.9	99.9	150.6	13.4	-6.6	11.7	447.4	999.9	99.9	999.9	75.6	62.
70.8	151.5	20607.2	50.0	-57.9	99.9	243.5	2.4	2.2	1.1	507.2	999.9	99.9	999.9	75.8	61.
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. 562
NORTH PLATTE, NEB

24 APRIL 1975
515 GMT

141 39. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	847.0	910.9	10.0	7.3	110.0	4.1	-3.9	1.4	291.7	310.4	7.1	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	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	15.2	948.4	900.0	11.7	7.2	120.6	8.4	-7.2	4.3	294.5	313.6	7.1	74.3	0.2	330.
1.0	17.5	1184.8	875.0	13.8	5.3	127.3	11.9	-9.5	7.2	299.0	316.6	6.4	56.6	0.7	323.
1.9	20.0	1429.0	850.0	13.1	5.2	136.6	11.6	-8.0	8.5	300.7	318.8	6.5	58.6	1.3	307.
2.5	22.2	1679.5	825.0	11.3	4.1	143.0	9.0	-5.4	7.2	301.4	318.7	6.2	61.0	1.7	310.
3.4	24.9	1936.1	800.0	9.7	1.5	143.8	5.3	-3.1	4.2	302.2	317.2	5.3	56.7	2.0	313.
4.2	27.2	2199.3	775.0	8.0	0.2	134.7	2.1	-1.5	1.5	303.1	317.3	5.0	57.6	2.2	314.
5.1	29.9	2469.2	750.0	6.1	-1.5	44.1	2.7	-1.9	-1.9	303.8	316.9	4.6	58.0	2.2	312.
5.9	32.6	2746.2	725.0	4.1	-4.3	5.9	4.1	-0.4	-4.1	304.5	315.6	3.9	54.4	2.2	307.
6.7	35.3	3030.6	700.0	1.8	-6.5	335.7	5.6	2.3	-5.1	304.9	314.7	3.4	54.1	2.1	303.
7.6	37.8	3322.9	675.0	-0.1	-8.7	310.9	8.5	6.4	-5.5	305.9	314.6	2.9	52.4	1.7	298.
8.6	40.5	3624.0	650.0	-2.6	-10.0	293.7	10.7	9.8	-4.3	306.3	314.5	2.7	56.7	1.1	296.
9.6	43.3	3933.8	625.0	-5.3	-10.0	278.2	11.8	11.7	-1.7	306.7	315.2	2.9	69.4	0.4	310.
10.6	46.2	4252.8	600.0	-8.1	-13.1	282.7	16.3	15.9	-3.6	307.0	314.0	2.3	67.2	0.6	54.
11.7	49.3	4582.1	575.0	-10.6	-17.2	283.6	17.1	16.6	-4.0	307.7	313.0	1.7	58.0	1.6	94.
12.7	52.1	4922.8	550.0	-13.0	-20.1	281.1	17.0	16.7	-3.3	308.8	313.2	1.4	55.3	2.7	97.
13.8	55.2	5275.6	525.0	-15.7	-23.8	276.3	15.8	15.7	-1.7	309.6	313.0	1.1	49.9	3.7	99.
14.9	58.4	5643.0	500.0	-16.8	-30.1	259.4	13.9	13.6	2.6	312.6	314.6	0.6	30.4	4.7	96.
16.0	61.6	6026.7	475.0	-19.1	-28.9	241.8	14.4	12.7	6.8	314.4	316.8	0.7	41.3	5.5	92.
17.2	65.2	6427.0	450.0	-22.3	-30.3	228.9	15.8	11.9	10.4	315.3	317.6	0.7	47.6	6.4	86.
18.4	68.4	6845.3	425.0	-24.6	-38.8	222.9	16.4	11.2	12.0	317.5	318.5	0.3	25.1	7.4	80.
19.8	72.0	7282.8	400.0	-28.8	-41.5	224.8	17.4	12.3	12.4	317.5	318.4	0.2	27.9	8.5	74.
21.1	75.9	7741.2	375.0	-32.6	-54.9	230.8	15.4	11.9	9.7	318.3	318.5	0.1	9.1	9.8	71.
22.7	79.7	8223.3	350.0	-36.5	-56.1	231.3	15.4	12.0	9.6	319.4	319.6	0.1	11.0	11.0	68.
24.2	83.7	8731.4	325.0	-41.6	99.9	239.2	17.2	14.8	8.8	319.4	999.9	99.9	999.9	12.5	67.
26.0	87.8	9268.9	300.0	-46.3	99.9	238.5	17.3	14.7	9.0	320.0	999.9	99.9	999.9	14.4	66.
28.0	92.3	9840.5	275.0	-51.5	99.9	238.1	18.5	15.7	9.8	320.6	999.9	99.9	999.9	16.5	65.
30.2	97.0	10455.1	250.0	-54.6	99.9	253.8	15.8	15.2	4.4	324.9	999.9	99.9	999.9	18.8	65.
32.3	101.8	11121.6	225.0	-59.9	99.9	246.6	13.7	12.5	5.4	326.7	999.9	99.9	999.9	20.5	66.
34.8	107.3	11857.6	200.0	-59.1	99.9	234.2	19.5	15.8	11.4	339.2	999.9	99.9	999.9	23.1	65.
37.9	113.0	12690.1	175.0	-59.6	99.9	246.7	24.8	22.8	9.8	351.7	999.9	99.9	999.9	27.4	63.
41.7	119.3	13657.7	150.0	-57.8	99.9	249.6	25.6	24.0	8.9	370.5	999.9	99.9	999.9	33.1	64.
46.1	126.3	14812.9	125.0	-55.0	99.9	245.1	19.2	17.4	8.1	395.4	999.9	99.9	999.9	38.9	65.
51.3	134.3	16232.3	100.0	-56.8	99.9	232.4	16.6	13.2	10.1	418.1	999.9	99.9	999.9	45.1	64.
57.9	141.8	18043.9	75.0	-60.7	99.9	240.4	16.6	14.4	8.2	445.6	999.9	99.9	999.9	52.0	64.
67.1	150.0	20599.7	50.0	-56.4	99.9	176.4	5.8	-0.4	5.8	510.6	999.9	99.9	999.9	56.4	63.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 606
PORTLAND, ME

24 APRIL 1975
515 GMT

155 43. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	20.0	1020.7	6.1	3.4	180.0	5.7	0.0	5.7	278.2	290.5	4.8	83.0	0.0	0.
0.6	6.3	189.1	1000.0	9.6	-2.6	210.5	11.1	5.6	9.6	283.1	291.6	3.2	42.4	0.3	15.
1.3	8.6	399.6	975.0	10.7	-10.6	208.4	12.9	6.1	11.3	286.2	291.1	1.8	21.2	0.8	25.
2.0	10.8	615.8	950.0	9.9	-10.1	196.1	13.8	3.8	13.3	287.5	292.7	1.9	23.3	1.4	24.
2.7	13.2	836.4	925.0	8.1	-10.2	191.3	14.2	2.8	13.9	287.8	293.2	1.9	26.1	2.0	21.
3.5	15.5	1061.8	900.0	6.5	-9.9	190.0	13.6	2.4	13.4	288.5	294.1	2.0	29.7	2.7	18.
4.4	17.3	1291.9	875.0	4.6	-11.3	185.6	11.8	1.2	11.8	288.8	294.0	1.8	30.4	3.3	16.
5.1	20.3	1527.3	850.0	2.7	-9.2	177.9	9.9	-0.4	9.9	289.3	295.6	2.2	41.0	3.8	14.
5.8	22.8	1768.0	825.0	0.7	-9.3	180.4	8.7	0.1	8.7	289.6	296.1	2.3	46.8	4.2	13.
6.7	25.3	2014.3	800.0	-1.2	-14.9	187.5	8.8	1.2	8.8	290.1	294.5	1.5	34.5	4.6	12.
7.6	27.9	2266.5	775.0	-2.9	-24.7	192.3	10.5	2.2	10.3	290.8	292.8	0.7	16.6	5.1	12.
8.5	30.6	2526.0	750.0	-3.5	-26.3	208.4	11.6	5.5	10.2	292.9	294.7	0.6	15.0	5.7	12.
9.4	33.2	2793.4	725.0	-4.4	-27.5	225.2	12.3	8.7	8.7	294.7	296.4	0.5	14.5	6.4	15.
10.4	35.9	3069.0	700.0	-5.8	-28.5	235.5	12.4	10.2	7.0	296.1	297.8	0.5	14.5	6.9	18.
11.3	38.8	3353.2	675.0	-7.5	-21.2	239.4	11.6	10.0	5.9	297.4	300.6	1.0	32.3	7.5	22.
12.3	41.4	3645.8	650.0	-9.8	-23.0	239.0	9.4	8.1	4.9	298.0	300.9	0.9	33.0	8.0	25.
13.3	44.5	3946.9	625.0	-12.7	-19.3	246.5	8.4	7.7	3.4	298.1	302.1	1.3	58.0	8.5	27.
14.4	47.5	4259.0	600.0	-11.5	-11.8	273.3	11.5	11.5	-0.7	303.1	310.7	2.6	97.8	8.8	30.
15.4	50.5	4584.5	575.0	-13.5	-13.8	274.9	13.6	13.5	-1.2	304.4	311.3	2.3	97.6	9.1	34.
16.5	53.6	4921.4	550.0	-15.8	-16.2	276.2	14.5	14.4	-1.6	305.3	311.4	2.0	97.2	9.6	39.
17.5	56.7	5270.8	525.0	-18.1	-18.5	275.8	17.3	17.2	-1.7	306.8	312.0	1.7	96.9	10.1	44.
18.6	60.0	5633.6	500.0	-20.8	-21.4	275.2	20.2	20.1	-1.8	307.9	312.1	1.4	94.2	10.9	49.
19.9	63.4	6011.1	475.0	-23.6	-24.4	272.8	21.9	21.9	-1.1	308.9	312.4	1.1	92.5	12.2	54.
21.2	66.7	6404.3	450.0	-26.3	-27.5	270.8	22.3	22.3	-0.3	310.2	313.1	0.9	89.7	13.6	59.
22.5	70.3	6815.5	425.0	-29.0	-30.5	269.5	23.6	23.6	0.2	311.9	314.2	0.7	86.2	15.1	62.
23.9	74.3	7246.1	400.0	-32.3	-34.0	276.9	27.3	27.1	-3.3	313.0	314.8	0.5	84.2	17.0	66.
25.4	78.0	7699.7	375.0	-34.3	-35.8	294.3	26.5	24.1	-10.9	316.2	317.9	0.5	85.6	19.0	70.
26.8	81.8	8179.3	350.0	-37.8	-39.7	303.1	24.7	20.7	-13.5	317.7	318.9	0.3	82.3	20.5	75.
28.6	86.0	8685.5	325.0	-41.8	99.9	294.3	27.5	25.1	-11.3	319.1	319.9	99.9	99.9	22.4	80.
30.6	90.5	9224.0	300.0	-45.9	99.9	285.8	30.7	29.6	-8.4	320.7	319.9	99.9	99.9	25.6	84.
32.8	95.3	9797.0	275.0	-50.9	99.9	278.7	34.5	34.1	-5.2	321.5	319.9	99.9	99.9	29.5	86.
34.5	100.0	10411.5	250.0	-55.1	99.9	284.2	39.0	37.8	-9.6	324.2	319.9	99.9	99.9	33.4	88.
37.1	105.2	11075.0	225.0	-61.3	99.9	285.7	44.0	42.4	-11.9	324.6	319.9	99.9	99.9	39.7	91.
39.5	110.8	11797.4	200.0	-65.0	99.9	287.0	53.8	51.5	-15.7	329.9	319.9	99.9	99.9	46.4	93.
42.0	116.8	12625.5	175.0	-60.9	99.9	302.9	21.9	18.4	-11.9	349.5	319.9	99.9	99.9	51.2	95.
45.4	123.8	13592.5	150.0	-57.9	99.9	299.0	24.1	21.1	-11.7	370.4	319.9	99.9	99.9	56.7	97.
49.5	131.0	14746.2	125.0	-56.4	99.9	296.2	26.0	23.3	-11.5	392.9	319.9	99.9	99.9	61.8	99.
55.3	138.8	16165.0	100.0	-56.9	99.9	307.9	18.2	14.3	-11.2	417.9	319.9	99.9	99.9	69.2	102.
63.1	146.7	17983.8	75.0	-57.6	99.9	292.5	16.9	15.7	-6.5	452.1	319.9	99.9	99.9	76.2	103.
73.8	155.3	20565.8	50.0	-56.0	99.9	97.5	2.8	-2.8	0.4	511.6	319.9	99.9	99.9	81.4	105.
99.9	99.3	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

106

STATION NO. 637
FLINT, MICH

24 APRIL 1975
615 GMT

144 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	236.0	979.2	14.2	12.2	290.0	3.1	2.9	-1.1	290.3	314.1	9.2	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	6.6	272.3	975.0	13.3	11.6	293.4	6.0	5.5	-2.4	289.7	312.7	8.9	89.1	0.1	49.
0.9	8.7	490.6	950.0	11.3	9.8	293.9	8.5	7.8	-3.4	289.7	310.7	8.1	90.4	0.4	111.
1.7	10.6	713.3	925.0	10.1	8.7	273.8	7.2	7.1	-0.5	290.6	310.8	7.7	91.4	0.7	110.
2.6	12.7	941.6	900.0	10.1	8.8	245.5	9.4	8.5	3.9	292.9	314.0	8.0	92.0	1.1	99.
3.4	14.8	1176.4	875.0	10.1	8.8	246.8	13.0	11.9	5.1	295.4	317.2	8.2	91.7	1.6	86.
4.4	16.9	1418.1	850.0	9.4	8.1	254.0	15.6	15.0	4.3	297.1	318.7	8.0	91.5	2.4	81.
5.2	19.1	1665.5	825.0	7.9	6.3	256.1	17.1	16.6	4.1	297.9	317.7	7.3	89.9	3.2	80.
6.0	21.0	1919.3	800.0	7.0	5.5	258.1	17.1	16.7	3.5	299.6	319.1	7.1	90.2	4.1	79.
6.9	23.3	2180.2	775.0	5.3	3.9	262.5	14.8	14.7	1.9	300.3	318.4	6.6	90.9	4.9	73.
7.8	25.5	2447.8	750.0	3.4	2.1	263.9	17.5	17.4	1.9	301.0	317.6	6.0	91.0	5.8	60.
8.7	27.9	2722.4	725.0	1.8	0.5	263.7	17.0	16.9	1.9	302.2	317.6	5.5	90.9	6.8	41.
9.9	30.3	3005.0	700.0	-0.3	-1.5	265.9	17.3	17.3	1.2	302.8	316.7	4.9	91.0	7.9	31.
11.0	32.8	3295.6	675.0	-1.7	-2.9	272.2	16.9	16.9	-0.6	304.3	317.4	4.6	91.4	9.1	42.
12.2	35.3	3594.5	650.0	-4.9	-6.8	273.8	16.8	16.8	-1.1	303.9	314.1	3.5	86.5	10.2	33.
13.4	37.8	3902.1	625.0	-6.9	-10.7	278.7	16.9	16.7	-2.5	304.9	312.9	2.7	74.7	11.5	35.
14.6	40.3	4220.6	600.0	-7.5	-18.1	277.9	16.2	16.0	-2.2	307.6	312.4	1.5	42.2	12.6	36.
16.0	43.0	4550.9	575.0	-9.3	-18.3	271.4	12.8	12.8	-0.3	309.3	314.2	1.6	47.7	13.9	37.
17.4	45.9	4893.0	550.0	-12.0	-18.9	276.0	13.2	13.1	-1.4	310.0	314.8	1.6	56.2	14.9	37.
18.5	48.9	5246.9	525.0	-15.3	-21.0	277.6	14.4	14.3	-1.9	310.1	314.4	1.4	61.8	15.8	34.
19.6	51.6	5614.7	500.0	-17.2	-22.0	281.4	13.9	13.6	-2.8	312.2	316.3	1.3	65.8	16.8	34.
20.9	54.6	5997.1	475.0	-20.2	-25.1	287.9	15.8	15.0	-4.9	313.0	316.4	1.0	64.9	17.8	30.
22.2	57.7	6395.7	450.0	-22.6	-27.5	273.9	19.1	19.1	-1.3	314.9	317.8	0.9	64.2	19.1	31.
23.6	61.0	6812.7	425.0	-25.7	-29.8	255.6	21.6	20.9	5.4	316.1	318.6	0.7	68.1	20.8	30.
25.0	64.4	7250.5	400.0	-28.4	-32.7	256.1	26.9	26.1	6.5	318.1	320.2	0.6	54.8	22.7	29.
26.4	67.8	7709.7	375.0	-31.8	-36.7	245.8	27.1	24.7	11.1	319.4	320.9	0.4	61.4	25.0	27.
28.0	71.3	8193.0	350.0	-35.8	-40.5	241.4	29.2	25.6	14.0	320.5	321.6	0.3	61.6	27.5	25.
29.9	75.4	8703.4	325.0	-40.5	99.9	247.5	35.5	32.8	13.6	320.8	999.9	99.9	999.9	30.8	32.
31.6	75.5	9243.5	300.0	-45.1	99.9	255.8	41.0	39.8	10.0	321.8	999.9	99.9	999.9	34.9	31.
33.6	83.7	9818.7	275.0	-49.5	99.9	255.8	47.6	46.2	11.6	323.6	999.9	99.9	999.9	40.0	31.
35.9	88.2	10435.6	250.0	-55.1	99.9	252.6	54.4	51.9	16.3	324.2	999.9	99.9	999.9	47.0	35.
38.3	93.2	11101.2	225.0	-59.5	99.9	259.8	63.2	62.2	11.2	327.3	999.9	99.9	999.9	55.0	37.
40.4	98.5	11831.3	200.0	-64.0	99.9	267.1	69.7*	68.6	3.5	331.4	999.9	99.9	999.9	62.8	30.
42.8	104.3	12647.6	175.0	-69.7	99.9	281.2	50.5*	49.5	-9.9	351.4	999.9	99.9	999.9	72.0	31.
46.1	110.8	13620.1	150.0	-65.7	99.9	279.6	28.1*	27.7	-4.7	372.4	999.9	99.9	999.9	78.4	33.
50.6	118.3	14777.8	125.0	-54.9	99.9	267.8	35.3*	35.3	1.3	395.7	999.9	99.9	999.9	86.0	34.
56.1	127.0	16198.4	100.0	-58.6	99.9	271.1	24.1*	24.1	-0.5	414.5	999.9	99.9	999.9	95.0	35.
63.5	137.3	17989.6	75.0	-63.1	99.9	284.9	14.3*	13.8	-3.7	440.6	999.9	99.9	999.9	101.0	36.
72.9	147.5	20518.3	50.0	-58.5	99.9	999.9	99.9	99.9	99.9	505.6	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. 645
GREEN BAY, WIS

24 APRIL 1975
515 GMT

160 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	8.2	210.0	982.4	10.0	6.0	340.0	4.1	1.4	-3.9	285.4	300.9	6.0	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	8.9	272.9	975.0	9.6	5.9	4.8	8.8	-0.7	-8.8	285.6	301.2	6.0	77.6	0.1	150.
1.1	11.2	488.1	950.0	7.7	4.7	3.2	10.1	-0.6	-10.1	285.7	300.5	5.6	81.3	0.5	141.
2.1	13.9	707.6	925.0	6.1	4.8	342.1	7.6	2.3	-7.3	286.3	301.5	5.8	91.1	1.0	179.
2.9	16.3	932.4	900.0	5.7	5.1	310.8	5.3	4.0	-3.5	288.2	304.3	6.1	95.6	1.3	171.
3.9	19.0	1163.0	875.0	4.5	3.9	299.2	6.5	5.6	-3.2	289.2	304.6	5.8	95.4	1.6	162.
4.9	21.6	1399.4	850.0	4.2	2.9	320.9	6.3	4.0	-4.9	291.2	306.2	5.6	91.8	1.9	158.
5.8	24.2	1643.2	825.0	6.3	-0.3	284.8	5.3	5.1	-1.3	295.8	308.4	4.5	62.6	2.2	152.
6.7	26.9	1895.4	800.0	4.9	0.1	270.8	7.9	7.9	-0.1	297.0	310.3	4.8	70.7	2.3	144.
7.7	29.6	2154.3	775.0	4.3	0.0	287.4	11.1	10.6	-3.3	299.0	312.9	5.0	73.9	2.7	137.
8.7	32.4	2421.1	750.0	3.7	-10.0	276.2	12.6	12.6	-1.4	300.9	308.1	2.4	36.9	3.4	129.
9.7	35.3	2695.6	725.0	2.3	-15.0	275.7	12.4	12.4	-1.2	302.2	307.1	1.6	26.4	4.1	123.
10.9	38.1	2977.8	700.0	0.0	-13.4	279.4	13.4	13.3	-2.2	302.7	308.5	1.9	35.6	4.9	119.
11.9	41.0	3267.6	675.0	-2.7	-13.5	276.2	13.6	13.6	-1.5	302.9	308.8	2.0	42.9	5.7	116.
13.1	44.1	3565.8	650.0	-4.6	-19.6	275.4	14.2	14.1	-1.3	303.9	307.7	1.2	29.7	6.5	113.
14.3	47.3	3873.4	625.0	-6.9	-23.3	276.3	16.0	15.9	-1.7	304.7	307.7	0.9	25.8	7.6	110.
15.4	50.4	4190.8	600.0	-9.0	-32.5	275.7	15.9	15.8	-1.6	305.7	307.1	0.4	13.3	8.7	109.
16.7	53.6	4519.2	575.0	-10.6	-36.5	280.7	17.0	16.7	-3.2	307.6	307.7	0.0	1.0	9.7	107.
18.0	56.7	4859.7	550.0	-12.8	-54.4	287.6	18.0	17.1	-5.4	308.8	309.0	0.0	1.6	11.3	107.
19.3	60.3	5212.2	525.0	-16.1	-43.8	288.3	18.3	17.4	-5.7	309.0	309.5	0.1	17.4	12.8	107.
20.6	63.9	5577.4	500.0	-19.3	-44.9	287.1	18.2	17.4	-5.4	309.5	310.0	0.1	8.2	14.2	107.
22.0	67.3	5956.2	475.0	-22.8	-41.7	283.3	17.4	17.0	-4.0	309.7	310.4	0.2	15.9	15.7	107.
23.5	70.9	6349.8	450.0	-26.2	-46.1	277.4	19.8	19.7	-2.5	310.3	310.8	0.1	13.2	17.4	107.
25.0	74.7	6760.4	425.0	-29.9	-46.9	274.2	21.3	21.2	-1.6	310.7	311.2	0.1	17.1	19.1	105.
26.5	78.8	7189.7	400.0	-32.8	-51.4	276.7	24.9	24.8	-2.9	312.2	312.5	0.1	13.6	21.1	104.
28.2	82.7	7640.8	375.0	-36.3	-54.5	274.0	26.1	26.0	-1.8	313.5	313.7	0.1	13.2	23.8	103.
30.1	87.0	8115.9	350.0	-39.5	99.9	275.6	28.3	28.1	-2.7	315.5	999.9	99.9	999.9	26.6	102.
32.2	91.6	8619.9	325.0	-42.6	99.9	273.5	28.5	28.5	-1.7	317.9	999.9	99.9	999.9	30.3	102.
34.2	96.2	9156.8	300.0	-45.7	99.9	270.9	31.2	31.1	-0.5	321.0	999.9	99.9	999.9	33.9	101.
36.4	101.0	9732.5	275.0	-49.1	99.9	269.1	33.7	33.7	0.6	324.1	999.9	99.9	999.9	37.9	99.
38.6	106.3	10351.5	250.0	-54.1	99.9	260.5	32.2	31.7	5.3	325.7	999.9	99.9	999.9	42.6	98.
41.1	111.3	11020.2	225.0	-59.0	99.9	254.4	35.6	34.3	9.5	328.1	999.9	99.9	999.9	47.2	95.
44.0	117.8	11757.3	200.0	-59.2	99.9	257.2	41.4	40.3	9.2	339.1	999.9	99.9	999.9	53.5	93.
47.1	124.3	12595.3	175.0	-59.7	99.9	264.8	41.4	41.2	3.8	351.4	999.9	99.9	999.9	61.1	91.
50.6	130.8	13561.8	150.0	-58.5	99.9	270.9	37.4	37.4	-0.6	369.4	999.9	99.9	999.9	69.1	91.
54.8	137.8	14725.8	125.0	-53.9	99.9	267.9	25.5	25.4	1.0	397.4	999.9	99.9	999.9	76.4	92.
59.9	144.5	16159.3	100.0	-54.6	99.9	263.6	18.2	18.1	2.0	422.3	999.9	99.9	999.9	84.1	92.
66.3	151.7	17978.7	75.0	-59.8	99.9	253.9	13.8	13.2	3.8	447.6	999.9	99.9	999.9	92.6	91.
75.0	159.0	20534.9	50.0	-57.0	99.9	237.1	5.0	4.2	2.7	509.1	999.9	99.9	999.9	96.0	91.
88.9	166.3	24974.0	25.0	-52.6	99.9	999.9	99.9	99.9	99.9	634.2	999.9	99.9	999.9	999.9	99.9.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654
HURON, S D

24 APRIL 1975
515 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	392.0	964.4	8.9	5.8	60.0	4.1	-3.6	-2.0	285.8	301.4	6.0	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	10.5	516.8	950.0	8.2	6.9	66.0	7.2	-6.6	-2.9	286.4	303.5	6.6	91.5	0.2	252.
1.4	12.9	736.6	925.0	6.4	6.0	68.2	6.7	-6.3	-2.5	286.6	303.1	6.4	97.3	0.6	250.
2.2	15.3	962.2	900.0	6.7	5.9	101.2	1.5	-1.5	0.3	289.3	306.3	6.5	94.3	0.8	250.
3.0	17.7	1193.1	875.0	4.7	4.4	156.9	1.4	-0.6	1.3	289.4	305.3	6.0	97.8	0.8	254.
3.9	20.3	1430.3	850.0	5.7	-30.4	201.2	3.4	1.2	3.2	296.3	297.6	0.4	4.4	0.7	263.
4.7	22.7	1677.5	825.0	8.7	-10.9	232.0	4.1	3.2	2.5	298.1	304.0	2.0	23.8	0.6	276.
5.6	25.3	1931.4	800.0	7.4	-6.2	241.7	4.9	4.3	2.3	299.4	308.0	3.0	37.5	0.4	296.
6.5	27.8	2191.8	775.0	5.3	-5.4	254.8	3.9	3.8	1.0	299.9	309.4	3.3	45.8	0.3	329.
7.4	30.6	2458.8	750.0	3.5	-11.8	277.3	4.8	4.7	-0.6	300.7	306.8	2.1	31.5	0.3	50.
8.4	33.3	2732.9	725.0	1.8	-16.6	284.6	7.8	7.6	-2.0	301.6	306.0	1.4	24.1	0.4	60.
9.4	35.9	3014.7	700.0	-0.4	-16.4	284.0	9.5	9.2	-2.3	302.2	306.9	1.5	28.6	0.9	85.
10.3	38.8	3304.2	675.0	-2.8	-17.7	278.6	9.9	9.8	-1.5	302.7	307.1	1.4	30.7	1.5	92.
11.4	41.5	3602.2	650.0	-4.8	-22.1	272.2	10.8	10.8	-0.4	303.6	306.8	1.0	24.6	2.1	93.
12.5	44.4	3909.3	625.0	-7.4	-18.9	268.8	10.9	10.9	0.2	304.1	308.4	1.4	39.0	2.8	92.
13.5	47.6	4225.9	600.0	-9.4	-40.5	267.7	11.3	11.3	0.5	305.2	305.9	0.2	6.5	3.5	91.
14.7	50.6	4553.5	575.0	-11.5	-38.4	270.4	13.2	13.2	-0.1	306.5	307.3	0.2	8.8	4.4	91.
15.8	53.6	4892.2	550.0	-14.2	-38.0	271.8	14.8	14.8	-0.5	307.2	308.1	0.3	11.2	5.3	91.
16.9	56.6	5243.4	525.0	-16.8	-41.0	270.9	15.4	15.4	-0.2	308.2	308.8	0.2	10.2	6.3	91.
18.3	60.0	5607.1	500.0	-20.2	-39.9	269.6	16.0	16.0	0.1	308.3	309.2	0.3	16.8	7.6	91.
19.6	63.4	5985.3	475.0	-22.6	-32.4	262.7	19.9	19.7	2.5	310.0	311.7	0.5	40.1	9.0	90.
21.0	66.8	6380.0	450.0	-25.4	-34.7	261.8	20.9	20.7	3.0	311.3	312.8	0.4	41.7	10.7	99.
22.6	70.3	6791.9	425.0	-28.9	-38.4	266.8	19.4	19.3	1.1	311.9	313.0	0.3	39.2	12.6	88.
24.0	73.9	7222.7	400.0	-31.9	-40.3	267.6	18.9	18.9	0.8	313.6	314.5	0.3	42.4	14.3	88.
25.7	77.7	7675.6	375.0	-35.4	-45.8	259.3	19.6	19.3	3.6	314.6	315.2	0.2	33.3	16.1	88.
27.4	81.5	8152.3	350.0	-39.0	99.9	247.6	23.0	21.3	8.8	316.1	999.9	99.9	999.9	18.3	86.
29.3	85.6	8654.6	325.0	-42.9	99.9	241.5	24.3	21.4	11.6	317.6	999.9	99.9	999.9	20.8	83.
31.5	90.0	9191.2	300.0	-47.2	99.9	245.9	24.2	22.1	9.9	318.9	999.9	99.9	999.9	23.9	80.
33.9	94.7	9761.2	275.0	-51.8	99.9	243.4	26.9	24.1	12.1	320.2	999.9	99.9	999.9	27.4	78.
36.2	99.4	10372.4	250.0	-56.7	99.9	247.3	26.5	24.4	10.2	321.8	999.9	99.9	999.9	30.9	77.
38.5	104.3	11034.5	225.0	-60.0	99.9	252.8	26.2	25.0	7.7	326.6	999.9	99.9	999.9	35.1	76.
41.6	110.0	11773.6	200.0	-59.2	99.9	252.1	23.8	22.7	7.3	339.1	999.9	99.9	999.9	39.5	76.
44.8	115.6	12619.2	175.0	-55.6	99.9	253.1	24.7	23.7	7.2	358.2	999.9	99.9	999.9	44.1	75.
48.8	122.0	13601.7	150.0	-55.9	99.9	250.5	22.5	21.2	7.5	373.8	999.9	99.9	999.9	49.4	75.
53.3	129.3	14761.5	125.0	-55.6	99.9	244.5	22.4	20.3	9.7	394.4	999.9	99.9	999.9	55.4	74.
58.6	136.8	16185.6	100.0	-55.8	99.9	245.2	23.9	21.7	10.0	420.0	999.9	99.9	999.9	62.3	73.
65.9	144.7	18031.9	75.0	-55.7	99.9	248.2	27.2	25.3	10.1	456.1	999.9	99.9	999.9	72.7	73.
76.2	154.0	20616.1	50.0	-54.4	99.9	123.3	3.2	-2.7	1.8	515.2	999.9	99.9	999.9	79.3	73.
91.4	163.5	25093.2	25.0	-52.1	99.9	107.9	7.5	-7.1	2.3	635.1	999.9	99.9	999.9	80.2	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. 655
ST CLOUD, MINN

24 APRIL 1975
515 GMT

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TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	316.0	974.9	7.9	6.5	40.0	3.1	-2.0	-2.4	283.9	300.0	6.3	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	8.6	528.8	950.0	5.3	5.1	31.0	6.8	-3.5	-5.9	283.3	298.2	5.8	98.7	0.3	219.
1.6	10.6	746.7	925.0	4.5	4.2	34.8	4.4	-2.5	-3.6	284.7	299.2	5.6	97.9	0.5	213.
2.5	12.7	969.7	900.0	3.2	2.8	55.0	5.4	-4.4	-3.1	285.5	299.1	5.2	97.5	0.8	217.
3.3	14.9	1197.7	875.0	3.0	2.5	61.7	5.9	-5.2	-2.8	287.6	301.4	5.3	96.6	1.0	223.
4.2	17.0	1432.7	850.0	2.1	1.6	42.0	5.9	-3.9	-4.4	289.0	302.5	5.1	96.4	1.4	226.
5.0	19.3	1673.9	825.0	1.7	-3.4	334.6	4.1	1.8	-3.7	290.9	300.8	3.6	68.9	1.6	222.
6.0	21.5	1921.8	800.0	0.4	-14.6	315.6	5.6	3.9	-4.0	291.9	298.0	2.2	42.1	1.6	211.
6.8	23.8	2175.8	775.0	0.9	-32.5	316.9	5.5	3.7	-4.0	294.8	295.8	0.3	6.1	1.7	202.
7.8	26.1	2440.0	750.0	2.5	-32.1	307.2	5.9	4.7	-3.6	299.3	300.5	0.3	5.6	1.9	192.
8.8	28.6	2713.0	725.0	0.6	-33.1	300.9	6.4	5.5	-3.3	300.2	301.2	0.3	5.8	2.0	183.
9.9	31.2	2993.3	700.0	-1.7	-24.1	293.3	7.7	7.0	-3.0	300.7	303.1	0.8	16.0	2.2	173.
10.9	33.7	3281.7	675.0	-3.0	-29.8	291.1	9.2	8.5	-3.3	302.3	303.8	0.5	10.5	2.5	163.
12.0	36.3	3579.5	650.0	-5.0	-22.7	288.3	10.6	10.0	-3.3	303.4	306.4	0.9	23.4	3.0	152.
13.0	39.0	3876.2	625.0	-7.6	-22.4	282.3	10.6	10.4	-2.3	303.8	307.0	1.0	29.2	3.5	145.
14.1	41.6	4203.0	600.0	-9.4	-26.8	278.8	11.6	11.5	-1.8	305.3	307.5	0.7	22.7	4.0	137.
15.3	44.5	4530.1	575.0	-12.0	-32.2	282.1	13.8	13.5	-2.9	306.0	307.4	0.4	16.6	4.8	131.
16.4	47.5	4868.6	550.0	-14.4	-36.4	276.0	14.8	14.8	-1.6	307.0	308.0	0.3	13.4	5.6	126.
17.6	50.5	5219.2	525.0	-17.5	-40.4	999.9	99.9	99.9	99.9	307.4	308.1	0.2	11.4	999.9	999.
18.9	53.6	5582.4	500.0	-20.4	-44.8	999.9	99.9	99.9	99.9	308.2	308.7	0.1	9.1	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 662
 RAPID-CITY, S D

24 APRIL 1975
 515 GMT

150 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.4	966.0	899.8	7.8	6.7	150.0	3.6	-1.8	3.1	290.5	308.6	6.9	93.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.8	17.6	1196.8	875.0	6.6	6.1	152.5	5.1	-2.3	4.5	291.6	309.5	6.8	96.1	0.2	331.0
1.8	20.2	1434.8	850.0	5.7	5.3	182.2	6.8	0.3	6.8	293.0	310.6	6.6	96.8	0.6	339.0
2.7	22.6	1679.7	825.0	5.5	3.8	216.1	9.4	5.6	7.6	295.2	311.7	6.1	89.0	0.9	357.0
3.4	25.2	1931.0	800.0	3.9	2.7	235.1	8.8	7.2	5.0	296.0	312.0	5.8	92.2	1.2	12.0
4.5	27.6	2188.9	775.0	2.1	1.4	252.5	12.0	11.5	3.6	296.8	311.8	5.5	95.1	1.7	30.0
5.5	30.3	2453.7	750.0	2.2	-5.1	245.6	15.7	14.3	6.5	299.5	309.5	3.5	58.4	2.4	44.0
6.3	33.1	2727.1	725.0	1.1	-7.4	235.5	18.4	15.2	10.4	301.0	309.8	3.0	52.9	3.2	48.0
7.1	35.7	3002.5	700.0	-0.8	-8.9	233.9	20.1	16.2	11.8	301.9	310.1	2.8	54.3	4.1	49.0
7.9	38.4	3298.5	675.0	-2.2	-12.6	233.6	20.1	16.2	11.9	303.4	309.9	2.2	44.7	5.1	50.0
8.8	41.2	3596.9	650.0	-5.1	-12.1	232.8	18.0	14.3	10.9	303.5	310.4	2.3	57.6	6.2	51.0
10.0	44.1	3903.8	625.0	-7.7	-10.4	228.9	15.3	11.5	10.1	304.0	312.2	2.8	80.9	7.3	51.0
11.3	47.1	4220.3	600.0	-9.9	-14.9	226.8	15.2	11.1	10.4	304.9	311.0	2.0	66.9	8.4	50.0
12.4	50.1	4547.7	575.0	-11.8	-16.6	220.7	14.0	9.1	10.6	306.4	311.9	1.8	67.3	9.5	50.0
13.6	53.1	4886.1	550.0	-14.7	-19.4	218.2	12.0	7.4	9.4	306.8	311.4	1.5	67.3	10.4	49.0
14.7	56.1	5236.8	525.0	-17.3	-18.5	223.0	14.2	9.7	10.4	307.7	313.0	1.7	90.9	11.2	48.0
16.1	59.5	5600.6	500.0	-20.3	-22.0	224.0	16.9	11.7	12.1	308.4	312.5	1.3	85.7	12.5	48.0
17.5	63.3	5978.4	475.0	-23.4	-25.6	227.6	19.4	14.3	13.1	309.1	312.2	1.0	82.3	13.9	47.0
18.6	66.2	6371.9	450.0	-26.3	-29.3	229.1	19.2	14.5	12.6	310.2	312.6	0.7	75.9	15.4	47.0
19.9	69.9	6782.2	425.0	-29.9	-33.6	229.3	19.2	14.3	12.7	310.7	312.4	0.5	69.8	16.8	48.0
21.3	73.4	7211.1	400.0	-33.6	-37.6	231.9	21.0	16.5	12.9	311.3	312.5	0.4	67.2	18.5	48.0
22.7	77.4	7660.0	375.0	-37.8	-41.9	229.0	21.1	15.9	13.8	311.5	312.4	0.3	65.1	20.3	48.0
24.4	81.3	8131.1	350.0	-42.0	99.9	233.0	19.3	15.4	11.6	312.0	999.9	99.9	999.9	22.3	48.0
26.1	85.6	8628.2	325.0	-46.4	99.9	236.4	18.3	15.3	10.1	312.8	999.9	99.9	999.9	24.1	49.0
28.2	89.8	9155.9	300.0	-49.8	99.9	241.4	23.7	20.8	11.3	315.2	999.9	99.9	999.9	26.8	50.0
30.3	94.8	9720.1	275.0	-54.0	99.9	242.8	28.2	25.1	12.9	317.1	999.9	99.9	999.9	30.0	51.0
32.4	99.6	10330.4	250.0	-54.8	99.9	240.7	26.7	23.3	13.0	324.7	999.9	99.9	999.9	33.5	52.0
34.8	104.8	10999.1	225.0	-57.8	99.9	223.9	16.7	11.6	12.1	329.9	999.9	99.9	999.9	36.7	53.0
37.4	110.4	11737.7	200.0	-61.0	99.9	229.2	23.8	18.0	15.5	336.2	999.9	99.9	999.9	39.6	51.0
40.5	116.5	12573.3	175.0	-59.3	99.9	247.5	26.7	24.7	10.2	352.0	999.9	99.9	999.9	44.5	53.0
44.2	123.3	13541.4	150.0	-58.1	99.9	256.3	23.4	22.7	5.5	369.9	999.9	99.9	999.9	50.0	55.0
49.7	130.5	14696.8	125.0	-55.2	99.9	253.7	15.6	15.0	4.4	395.1	999.9	99.9	999.9	55.7	57.0
53.8	138.0	16126.1	100.0	-53.4	99.9	233.8	18.4	14.9	10.9	424.6	999.9	99.9	999.9	60.8	57.0
60.2	145.3	17968.1	75.0	-56.3	99.9	216.5	16.1	9.6	13.0	455.0	999.9	99.9	999.9	66.7	57.0
69.1	153.3	20539.8	50.0	-55.7	99.9	199.9	4.9	1.7	4.6	512.3	999.9	99.9	999.9	72.2	57.0
83.7	161.0	24589.9	25.0	-52.7	99.9	131.2	1.4	-1.0	0.9	633.0	999.9	99.9	999.9	73.5	57.0

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

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
526 GMT

164 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES #8	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	180.0	998.0	20.3	14.7	190.0	5.2	0.9	5.1	295.0	322.8	10.6	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	999.9
0.6	8.0	391.1	975.0	18.8	13.8	204.7	17.9	7.5	16.3	295.5	322.5	10.3	72.7	0.4	18.
1.4	10.1	604.2	950.0	17.7	12.7	204.6	19.2	8.0	17.4	296.4	322.4	9.8	72.8	1.2	23.
2.3	12.2	832.2	925.0	16.5	8.8	204.3	21.8	9.0	19.9	297.2	318.1	7.7	60.5	2.3	23.
3.1	14.5	1065.0	900.0	14.2	12.7	209.2	19.6	9.6	17.1	297.6	325.1	10.4	90.7	3.4	24.
4.0	16.5	1303.0	875.0	12.8	12.5	219.6	18.4	11.7	14.2	298.5	326.4	10.5	98.0	4.3	27.
4.9	18.9	1546.5	850.0	11.3	11.2	222.2	20.7	13.9	15.3	299.3	325.9	9.9	99.7	5.4	29.
5.6	21.1	1796.3	825.0	10.9	10.1	222.3	15.5	10.4	11.5	301.3	327.2	9.5	95.6	6.4	32.
6.9	23.5	2053.5	800.0	10.3	4.5	223.1	14.0	9.6	10.2	303.0	321.5	6.6	67.2	7.3	33.
7.9	25.8	2317.2	775.0	8.3	5.3	227.0	14.6	10.7	10.0	303.7	323.8	7.2	81.5	8.1	34.
8.9	28.2	2587.8	750.0	6.6	4.8	232.1	15.8	12.5	9.7	304.7	324.9	7.2	88.1	9.0	36.
9.9	30.8	2865.6	725.0	4.4	3.3	232.2	17.2	13.6	10.5	305.1	324.1	6.7	92.8	10.0	37.
10.9	33.4	3151.6	700.0	4.3	-10.8	240.4	16.9	14.7	8.3	307.5	314.8	2.4	32.4	10.9	39.
12.0	35.9	3447.0	675.0	3.6	-10.0	256.5	18.5	17.0	18.0	310.1	318.1	2.7	36.3	12.0	41.
13.1	38.7	3752.6	650.0	1.7	-3.8	269.1	19.1	19.1	0.3	311.5	324.6	4.4	56.5	13.0	46.
14.5	41.3	4067.9	625.0	-0.6	-5.6	271.7	17.9	17.9	-0.5	312.3	324.4	4.1	69.0	14.0	50.
15.8	44.2	4393.2	600.0	-2.9	-9.0	262.0	17.0	16.8	2.4	313.2	323.0	3.2	62.6	15.2	53.
17.3	47.1	4729.2	575.0	-4.7	-19.2	266.7	16.1	16.1	0.9	314.6	319.3	1.5	31.2	16.4	56.
18.5	50.2	5077.1	550.0	-7.8	-20.7	275.0	19.2	19.1	-1.7	315.0	319.3	1.3	34.3	17.5	58.
19.9	53.1	5436.8	525.0	-11.2	-20.7	284.2	18.4	17.8	-4.5	315.1	319.6	1.4	45.0	18.8	61.
21.2	56.1	5808.8	500.0	-14.9	-21.5	281.6	19.3	18.9	-3.9	315.0	319.4	1.4	56.6	19.8	64.
22.5	59.6	6194.5	475.0	-17.6	-41.9	280.1	19.4	19.1	-3.4	316.2	316.9	0.2	9.8	21.1	67.
23.7	63.0	6597.5	450.0	-20.2	-43.7	281.3	17.8	17.5	-3.5	317.9	318.5	0.2	10.0	22.2	69.
25.3	66.4	7018.6	425.0	-23.2	-45.9	279.7	20.4	20.1	-3.4	319.2	319.8	0.1	10.3	23.7	71.
27.0	70.1	7461.2	400.0	-24.9	-47.1	278.0	23.0	22.8	-3.2	322.6	323.1	0.1	10.5	25.9	73.
28.7	73.8	7927.8	375.0	-27.9	-49.3	275.5	22.3	22.2	-2.1	324.6	325.0	0.1	10.8	27.9	75.
30.6	78.0	8419.4	350.0	-31.7	-52.1	269.6	24.9	24.9	0.2	325.9	326.2	0.1	11.1	30.5	77.
32.3	82.0	8938.7	325.0	-36.0	-55.3	270.3	24.9	24.9	-0.1	326.9	327.2	0.1	11.5	32.9	78.
34.0	86.4	9488.6	300.0	-41.1	99.9	273.0	24.9	24.9	-1.3	327.5	999.9	99.9	999.9	35.3	79.
35.8	91.2	10074.0	275.0	-45.6	99.9	274.4	24.5	24.5	-1.9	329.2	999.9	99.9	999.9	37.9	80.
37.9	96.2	10702.0	250.0	-51.1	99.9	279.2	22.1	21.8	-3.6	330.2	999.9	99.9	999.9	40.6	81.
40.2	101.4	11380.0	225.0	-55.9	99.9	292.7	37.1	36.2	-8.1	332.9	999.9	99.9	999.9	44.3	83.
42.6	107.5	12121.0	200.0	-60.9	99.9	280.2	43.4	42.8	-7.7	336.3	999.9	99.9	999.9	50.1	85.
45.5	113.7	12945.1	175.0	-61.3	99.9	280.0	37.5	37.0	-6.5	348.7	999.9	99.9	999.9	56.9	87.
48.5	120.7	13909.9	150.0	-60.5	99.9	271.3	31.0	31.0	-0.7	365.8	999.9	99.9	999.9	63.1	88.
52.1	128.7	15032.5	125.0	-64.5	99.9	278.0	30.8	30.5	-4.3	378.2	999.9	99.9	999.9	70.2	89.
56.3	137.0	16385.3	100.0	-67.1	99.9	264.3	22.1	22.0	2.2	398.1	999.9	99.9	999.9	76.6	89.
61.9	146.0	19110.5	75.0	-64.6	99.9	355.5	4.4	0.3	-4.4	437.5	999.9	99.9	999.9	80.5	89.
69.5	155.7	20591.2	50.0	-61.9	99.9	297.4	2.7	2.4	-1.2	497.6	999.9	99.9	999.9	82.5	89.
82.1	165.7	24905.8	25.0	-52.6	99.9	50.8	0.9	-0.7	-0.6	633.7	999.9	99.9	999.9	83.8	91.

* BY SPEED MEANS ELEVATION 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. 22302
FT. SILL. CKLA

24 APRIL 1975
612 GMT

57 436. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	362.0	964.4	20.4	19.1	180.0	4.5	0.0	4.5	298.6	336.8	14.6	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.0	492.5	950.0	20.2	18.4	172.2	11.6	-1.6	11.5	299.6	337.1	14.2	89.3	0.3	336.
1.2	12.1	723.7	925.0	19.6	18.0	181.6	18.2	0.5	18.2	301.2	339.0	14.2	90.5	0.9	349.
2.0	14.3	960.7	900.0	19.7	17.7	196.7	22.5	6.5	21.6	303.7	342.2	14.3	86.2	1.9	359.
2.8	16.4	1204.8	875.0	20.5	15.8	212.4	23.2	12.4	19.6	306.9	342.6	13.1	74.5	3.0	9.
3.7	18.8	1455.5	850.0	19.5	13.7	217.1	24.4	14.7	19.5	308.1	340.4	11.7	69.2	4.1	17.
4.6	21.0	1712.1	825.0	17.2	13.3	224.4	23.8	16.7	17.0	308.4	340.9	11.8	77.9	5.4	22.
5.5	23.4	1975.5	800.0	16.8	9.1	237.8	17.8	15.1	9.5	310.3	336.0	9.1	60.4	6.3	27.
6.4	25.7	2245.6	775.0	15.0	0.8	243.6	15.2	13.6	6.7	310.7	326.4	5.4	39.0	7.1	31.
7.3	28.1	2522.1	750.0	13.7	-13.7	245.5	16.5	15.0	6.8	311.6	317.2	1.8	13.6	7.8	35.
8.3	30.7	2806.1	725.0	11.0	-14.2	245.5	18.0	16.4	7.5	311.8	317.2	1.8	15.5	8.7	36.
9.3	33.3	3097.1	700.0	8.2	-15.5	244.5	19.0	17.2	8.2	311.8	316.9	1.6	16.8	9.7	41.
10.3	35.8	3395.7	675.0	5.5	-16.8	243.6	19.4	17.4	8.6	312.0	316.8	1.5	18.1	10.8	44.
11.3	38.4	3702.5	650.0	2.5	-17.2	243.0	19.1	17.1	8.7	312.0	316.8	1.5	21.6	11.8	46.
12.3	41.0	4017.6	625.0	-0.7	-18.3	243.5	19.9	17.8	8.9	311.9	316.4	1.4	24.7	13.0	47.
13.3	43.9	4341.9	600.0	-3.5	-20.8	255.1	20.7	20.0	5.3	312.2	316.0	1.2	24.8	14.2	49.
14.4	46.8	4678.5	575.0	-3.5	-25.0	261.8	25.0	24.7	3.6	315.9	318.8	0.9	17.0	15.5	52.
15.6	49.9	5027.7	550.0	-6.6	-26.6	260.8	25.4	25.1	4.1	316.4	319.0	0.8	18.4	17.1	55.
16.8	52.6	5388.7	525.0	-10.2	-28.2	258.4	26.2	25.7	5.3	316.2	318.6	0.7	21.2	18.7	57.
18.1	55.6	5742.5	500.0	-12.5	-38.2	258.6	26.2	25.7	5.2	317.8	318.9	0.3	10.3	20.7	59.
19.5	58.8	6154.6	475.0	-12.6	-41.8	265.6	27.0	26.9	2.1	322.3	323.1	0.2	6.5	22.7	61.
20.9	62.1	6564.4	450.0	-16.3	-44.1	999.9	99.9	99.9	99.9	322.7	323.4	0.2	7.0	999.9	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
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	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

Sounding Data

24 April 1975

1200 GMT

134 - 125

STATION NO. 208
CHARLESTON, SC

24 APRIL 1975
1152 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	13.0	1022.0	19.4	13.3	180.0	3.2	0.0	3.2	292.0	316.7	9.5	68.0	0.0	0.
0.6	5.8	200.5	1000.0	19.0	12.1	200.0	12.8	4.4	12.0	293.3	316.8	8.9	64.4	0.3	17.
1.2	7.9	417.8	975.0	17.7	10.8	201.9	12.1	4.5	11.2	294.1	316.3	8.4	63.8	0.7	19.
1.9	10.1	639.5	950.0	15.9	9.5	200.6	13.0	4.6	12.1	294.4	315.4	7.9	65.9	1.2	20.
2.4	12.1	865.7	925.0	13.9	9.0	200.7	12.4	4.4	11.6	294.6	315.5	7.9	72.4	1.7	20.
3.2	14.4	1096.4	900.0	11.8	8.7	206.9	11.1	5.0	9.9	294.7	315.9	7.9	81.5	2.2	21.
3.9	16.4	1332.5	875.0	12.3	-2.7	222.8	9.3	6.3	6.8	297.1	307.5	3.7	36.5	2.6	23.
4.6	18.6	1575.2	850.0	12.1	-10.5	233.0	6.5	5.2	3.9	299.1	305.1	2.0	19.5	2.9	26.
5.3	20.8	1824.5	825.0	10.7	-3.3	250.4	5.4	5.1	1.8	300.4	310.8	3.6	37.4	3.1	28.
6.1	23.2	2079.9	800.0	8.1	-0.6	253.5	6.6	6.3	1.9	300.4	313.4	4.6	54.2	3.3	32.
6.9	25.5	2341.3	775.0	6.1	-2.8	262.2	6.5	6.5	0.9	300.9	312.4	4.0	52.8	3.6	35.
7.6	27.8	2605.4	750.0	5.8	-21.0	276.0	5.6	5.6	-0.6	302.9	306.0	1.0	12.8	3.8	39.
8.4	30.3	2886.5	725.0	4.3	0.9	290.5	5.4	5.1	-1.0	305.0	321.0	5.7	78.3	3.9	42.
9.4	32.9	3171.9	700.0	3.0	-0.5	299.3	6.4	5.4	-3.1	306.5	321.6	5.3	77.7	4.0	47.
10.3	35.5	3466.2	675.0	1.3	-1.9	300.7	6.5	5.6	-3.3	307.7	322.0	4.9	78.9	4.1	52.
11.2	38.0	3769.1	650.0	-0.5	-3.5	299.0	6.3	5.5	-3.1	308.9	322.2	4.5	80.0	4.2	56.
12.2	40.6	4082.3	625.0	-2.4	-6.0	295.4	7.8	7.1	-3.4	310.2	321.8	3.9	75.8	4.4	61.
13.0	43.3	4406.0	600.0	-4.0	-9.0	296.9	9.3	8.3	-4.2	311.9	321.6	3.2	67.9	4.7	65.
14.0	46.3	4741.0	575.0	-5.8	-11.9	305.7	10.3	8.4	-6.0	313.5	321.7	2.7	62.3	5.1	70.
15.0	49.3	5087.7	550.0	-8.6	-17.0	303.7	11.6	9.6	-6.4	314.0	319.8	1.8	50.7	5.4	76.
16.0	52.0	5446.8	525.0	-11.0	-21.5	293.2	13.9	12.7	-5.5	315.4	319.6	1.3	41.3	6.0	81.
17.0	55.1	5819.7	500.0	-14.0	-26.7	291.8	16.5	15.3	-6.1	316.0	318.9	0.9	33.0	6.9	85.
18.3	58.1	6207.6	475.0	-15.7	-38.0	287.4	14.9	14.2	-4.5	318.5	319.5	0.3	12.7	8.0	89.
19.7	61.6	6614.6	450.0	-17.3	-39.1	294.5	13.7	12.4	-5.7	321.5	322.5	0.3	12.9	9.1	91.
21.1	65.0	7040.1	425.0	-20.6	-41.5	290.1	13.6	12.0	-6.4	322.5	323.4	0.2	13.3	10.1	94.
22.7	68.4	7485.5	400.0	-24.1	-44.1	289.5	17.3	16.3	-5.8	323.6	324.3	0.2	13.7	11.4	96.
24.3	72.0	7953.1	375.0	-27.6	-46.7	291.4	17.7	16.5	-6.5	325.0	325.5	0.1	14.1	13.2	98.
25.9	75.7	8445.6	350.0	-31.8	-49.9	291.6	20.0	18.6	-7.4	325.8	326.2	0.1	14.6	14.9	100.
27.6	79.7	8964.7	325.0	-36.3	-53.4	295.1	19.9	18.0	-8.4	326.5	326.8	0.1	15.1	16.9	101.
29.7	83.8	9514.9	300.0	-40.5	-59.9	294.4	16.5	15.0	-6.8	328.3	999.9	99.9	999.9	19.2	103.
32.1	88.0	10101.6	275.0	-44.9	-69.9	293.8	19.6	17.9	-7.9	330.2	999.9	99.9	999.9	21.8	104.
34.8	92.8	10733.2	250.0	-49.6	-79.9	292.7	21.9	20.2	-8.5	332.3	999.9	99.9	999.9	25.1	105.
37.5	97.6	11415.2	225.0	-54.5	-89.9	297.6	25.4	22.5	-11.8	335.1	999.9	99.9	999.9	28.6	106.
40.6	102.8	12160.1	200.0	-60.1	-99.9	302.3	29.7	25.1	-15.9	337.6	999.9	99.9	999.9	33.7	108.
43.8	108.8	12988.5	175.0	-62.3	-99.9	290.8	36.0	33.7	-12.8	347.1	999.9	99.9	999.9	39.9	110.
47.9	115.2	13947.2	150.0	-59.0	-99.9	293.6	29.3	26.8	-11.7	368.5	999.9	99.9	999.9	47.1	111.
52.4	122.3	15088.3	125.0	-60.7	-99.9	287.4	22.4	21.3	-6.7	385.0	999.9	99.9	999.9	54.4	111.
57.6	130.0	15449.6	100.0	-67.4	-99.9	279.3	13.0	12.8	-2.1	397.6	999.9	99.9	999.9	60.5	111.
63.7	138.7	18163.4	75.0	-70.2	-99.9	266.1	13.7	13.7	0.9	425.8	999.9	99.9	999.9	65.5	109.
71.7	147.3	20644.3	50.0	-61.6	-99.9	359.5	6.5	0.1	-6.5	498.5	999.9	99.9	999.9	69.3	111.
84.6	157.0	25053.3	25.0	-50.7	-99.9	314.8	4.5	3.2	-3.2	638.9	999.9	99.9	999.9	70.0	112.

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

159

STATION NO. 211
TAMPA, FLA

24 APRIL 1975
1115 GMT

161 13. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	8.0	1020.9	18.4	14.5	120.0	3.6	-3.1	1.8	291.2	317.7	10.2	78.0	0.0	0.
0.8	5.5	186.2	1000.0	19.3	12.9	123.8	12.6	-10.5	7.0	293.7	318.4	9.4	66.6	0.4	301.
1.7	7.4	404.2	975.0	18.9	12.2	132.6	11.8	-8.7	8.0	295.4	319.8	9.2	65.3	1.0	306.
2.5	9.5	626.8	950.0	16.8	11.1	137.1	11.5	-7.8	8.4	295.4	318.8	8.8	69.0	1.6	309.
3.4	11.3	853.8	925.0	15.3	9.4	142.5	8.9	-5.4	7.1	296.0	317.6	8.1	67.9	2.2	312.
4.4	13.5	1086.0	900.0	14.8	4.0	123.0	2.9	-2.4	1.6	297.5	313.1	5.7	48.6	2.5	313.
5.3	15.5	1324.4	875.0	14.9	-2.4	73.6	4.6	-4.4	-1.3	299.7	310.3	3.7	30.9	2.7	311.
6.1	17.6	1569.0	850.0	13.6	-0.6	69.0	5.0	-4.7	-1.8	301.0	313.2	4.3	37.5	2.8	306.
7.2	19.9	1819.6	825.0	12.1	-3.0	104.2	4.4	-4.3	1.1	301.9	312.6	3.7	34.6	3.0	302.
8.2	22.0	2076.2	800.0	10.2	-8.8	110.3	3.4	-3.2	1.2	302.4	309.6	2.5	25.3	3.3	301.
9.3	24.4	2340.1	775.0	10.7	-19.3	36.6	1.7	-1.0	-1.3	305.4	308.7	1.1	10.3	3.4	301.
10.5	26.8	2612.7	750.0	10.1	-21.4	17.7	2.3	-0.7	-2.2	307.7	310.6	0.9	8.9	3.3	297.
11.6	29.2	2893.5	725.0	8.8	-22.0	346.6	0.8	0.2	-0.8	309.2	312.1	0.9	9.2	3.3	296.
12.7	31.9	3182.3	700.0	6.5	-21.9	7.1	1.8	-0.2	-1.8	309.8	312.9	0.9	10.9	3.3	295.
13.9	34.5	3480.1	675.0	5.8	-20.5	16.5	4.4	-1.3	-4.3	312.3	315.9	1.1	13.0	3.2	292.
15.1	37.0	3787.4	650.0	3.4	-15.9	17.6	6.0	-1.8	-5.7	313.0	318.4	1.7	22.8	3.2	288.
16.3	39.8	4104.4	625.0	1.4	-17.0	19.1	5.7	-1.9	-5.4	314.2	319.4	1.6	23.9	3.3	277.
17.8	42.4	4432.3	600.0	0.5	-12.8	5.0	8.4	-0.7	-8.4	317.0	324.4	2.4	36.4	3.4	267.
19.3	45.4	4772.5	575.0	-2.2	-10.0	355.5	10.8	0.9	-10.7	317.8	327.4	3.1	54.9	3.6	253.
20.7	48.4	5124.5	550.0	-4.5	-12.5	345.6	11.4	2.8	-11.1	319.1	327.4	2.7	53.4	3.8	238.
22.2	51.3	5489.1	525.0	-7.3	-15.6	338.0	12.2	4.6	-11.3	319.9	326.8	2.2	51.0	4.2	224.
23.6	54.4	5867.3	500.0	-10.6	-14.6	335.1	11.6	4.9	-10.5	320.3	328.2	2.5	72.6	4.7	212.
25.2	57.4	6260.3	475.0	-13.1	-20.6	319.7	10.4	6.7	-7.9	321.9	327.0	1.6	53.2	5.2	203.
26.8	60.9	6670.2	450.0	-15.7	-29.5	303.1	11.6	9.7	-6.4	323.5	326.1	0.7	29.4	5.7	192.
28.4	64.3	7099.3	425.0	-18.4	-36.4	298.5	12.2	10.7	-5.8	325.4	326.8	0.4	18.7	6.1	192.
30.2	67.7	7550.3	400.0	-20.4	-41.4	290.7	13.9	13.0	-4.9	328.5	329.4	0.2	13.2	6.7	171.
31.9	71.3	8024.8	375.0	-23.8	-45.3	292.6	14.7	13.6	-5.7	330.1	330.7	0.2	11.6	7.6	161.
33.9	75.2	8525.0	350.0	-27.5	-43.0	297.3	14.8	13.2	-6.8	331.6	332.5	0.2	21.3	8.9	153.
35.9	79.3	9053.2	325.0	-32.1	-42.2	300.8	17.2	14.8	-8.8	332.4	333.4	0.3	35.4	10.5	148.
38.0	83.4	9612.9	300.0	-36.7	-45.2	298.8	18.2	15.9	-8.8	333.5	334.3	0.2	40.5	12.6	143.
40.3	87.8	10208.8	275.0	-41.9	99.9	305.2	17.9	14.6	-10.3	334.6	999.9	99.9	999.9	15.0	139.
42.8	92.8	10846.2	250.0	-47.5	99.9	304.9	21.5	17.6	-12.3	335.5	999.9	99.9	999.9	17.8	137.
45.5	97.8	11534.0	225.0	-52.8	99.9	301.8	24.2	20.6	-12.8	337.6	999.9	99.9	999.9	21.4	135.
48.4	103.3	12284.6	200.0	-58.5	99.9	305.2	27.8	22.7	-16.0	340.1	999.9	99.9	999.9	26.1	133.
51.5	109.5	13112.2	175.0	-64.1	99.9	301.7	26.8	22.8	-14.1	344.2	999.9	99.9	999.9	31.3	131.
55.0	115.8	14065.1	150.0	-60.1	99.9	301.5	22.4	19.1	-11.7	366.6	999.9	99.9	999.9	36.0	130.
59.1	123.3	15190.8	125.0	-64.6	99.9	298.2	20.0	17.6	-9.4	378.0	999.9	99.9	999.9	41.0	128.
63.9	131.7	16543.1	100.0	-69.4	99.9	278.4	11.3	11.2	-1.6	393.7	999.9	99.9	999.9	44.9	126.
69.5	140.3	18224.9	75.0	-73.5	99.9	280.9	9.0	8.8	-1.7	418.9	999.9	99.9	999.9	47.8	125.
77.4	149.7	20670.2	50.0	-61.1	99.9	8.0	4.9	-0.7	-4.8	499.6	999.9	99.9	999.9	50.5	126.
90.2	159.3	25089.2	25.0	-52.8	99.9	60.5	4.5	-3.9	-2.2	633.4	999.9	99.9	999.9	50.0	131.

* BY SPEED MEANS ELEVATION 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. 213
WAYCROSS, GA

24 APRIL 1975
1115 GMT

167 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.2	44.0	1016.6	15.6	15.0	60.0	1.6	-1.4	-0.8	288.8	315.9	10.6	96.0	0.0	0.
0.4	4.7	184.5	1000.0	16.5	14.3	999.9	99.9	99.9	99.9	291.0	317.6	10.3	87.1	999.9	999.
1.2	6.5	400.8	975.0	17.4	12.9	999.9	99.9	99.9	99.9	294.0	319.3	9.7	74.8	999.9	999.
1.9	9.4	622.7	950.0	16.3	9.1	186.3	11.9	1.3	11.9	294.8	315.3	7.7	62.6	1.2	359.
2.7	11.6	845.3	925.0	14.9	9.6	189.8	11.0	1.9	10.2	295.6	317.5	8.2	70.7	1.8	2.
3.5	14.2	1081.3	900.0	14.4	7.3	183.2	8.2	0.5	8.2	297.3	316.8	7.2	62.4	2.2	3.
4.2	16.5	1319.1	875.0	12.9	8.7	186.7	3.9	0.4	3.8	298.3	320.2	8.1	75.7	2.5	3.
5.1	19.1	1562.5	850.0	11.5	8.3	221.3	4.6	3.0	3.5	299.3	321.3	8.1	80.4	2.7	5.
6.0	21.6	1811.8	825.0	9.6	9.1	269.2	5.6	5.6	0.1	299.9	323.8	8.8	96.3	2.8	9.
6.8	24.3	2067.5	800.0	10.1	-25.6	269.8	4.1	4.1	0.0	302.0	304.1	0.7	6.7	2.9	14.
7.7	26.8	2330.7	775.0	9.2	-44.3	271.7	0.7	0.7	-0.0	303.7	304.0	0.1	1.0	2.9	16.
8.5	29.7	2601.8	750.0	8.5	-5.6	23.7	1.9	-0.8	-1.7	306.2	316.1	3.4	36.4	2.9	16.
9.4	32.5	2881.2	725.0	6.7	-3.0	10.6	3.7	-0.7	-3.7	307.3	319.7	4.2	50.0	2.7	15.
10.3	35.4	3168.6	700.0	4.6	-3.0	352.9	5.5	0.7	-5.5	308.2	321.0	4.4	57.7	2.5	16.
11.4	38.2	3464.0	675.0	2.2	-1.8	340.6	6.4	2.1	-6.1	308.7	323.2	5.0	75.1	2.1	22.
12.4	41.0	3758.3	650.0	1.1	-2.8	330.5	7.4	3.6	-6.4	310.8	324.9	4.8	75.6	1.9	31.
13.4	44.1	4082.9	625.0	-1.3	-4.7	329.6	8.7	4.4	-7.5	311.6	324.3	4.3	77.1	1.7	46.
14.5	47.4	4406.1	600.0	-2.6	-7.4	322.4	8.5	5.2	-6.8	313.5	324.6	3.7	69.6	1.7	66.
15.6	50.6	4744.7	575.0	-4.6	-7.8	305.7	7.6	6.2	-4.4	315.1	326.3	3.7	78.2	1.9	81.
16.8	53.9	5094.3	550.0	-6.0	-13.1	297.3	8.5	7.6	-3.9	317.2	325.2	2.5	57.3	2.4	88.
17.9	57.1	5456.6	525.0	-9.3	-15.3	297.1	9.1	8.1	-4.1	317.5	324.5	2.2	61.5	2.9	95.
19.1	60.7	5832.2	500.0	-11.8	-18.6	292.8	10.8	9.9	-4.2	318.2	324.4	1.8	57.0	3.6	99.
20.4	64.4	6223.9	475.0	-14.1	-19.1	288.5	12.6	11.9	-4.0	320.7	326.5	1.8	65.5	4.5	100.
21.6	68.0	6632.5	450.0	-16.6	-26.5	295.7	13.5	12.1	-5.8	322.4	325.7	1.0	42.0	5.4	102.
22.9	71.8	7060.3	425.0	-19.4	-29.3	295.0	16.4	14.8	-6.9	324.1	326.8	0.8	40.7	6.6	105.
24.4	76.0	7507.9	400.0	-22.9	-31.5	290.4	18.5	17.3	-6.4	325.2	327.6	0.7	45.3	8.1	106.
26.0	80.1	7977.7	375.0	-26.6	-33.7	289.2	20.9	19.7	-6.9	326.3	328.4	0.6	51.1	9.9	107.
27.7	84.5	8472.2	350.0	-30.6	-40.7	299.7	19.7	17.1	-9.7	327.5	328.6	0.3	36.1	12.0	108.
29.5	89.0	8994.1	325.0	-34.8	-44.9	300.0	24.7	21.4	-12.3	328.7	329.5	0.2	34.4	14.3	110.
31.3	94.0	9548.2	300.0	-38.7	-53.7	294.8	24.1	21.9	-10.1	330.7	331.0	0.1	18.7	17.1	111.
33.3	99.0	10140.6	275.0	-43.2	99.9	296.2	23.3	20.9	-10.3	332.6	999.9	99.9	999.9	19.8	112.
35.8	104.4	10776.6	250.0	-47.6	99.9	299.3	28.1	24.5	-13.7	335.3	999.9	99.9	999.9	23.5	113.
38.1	110.2	11463.9	225.0	-53.1	99.9	293.8	30.6	28.0	-12.4	337.2	999.9	99.9	999.9	27.6	113.
40.9	116.3	12212.0	200.0	-59.5	99.9	289.9	35.0	32.9	-11.9	338.6	999.9	99.9	999.9	33.0	113.
43.9	123.0	13036.9	175.0	-64.8	99.9	291.4	34.4	32.1	-12.6	343.0	999.9	99.9	999.9	39.6	113.
47.5	130.0	13997.4	150.0	-69.9	99.9	290.0	29.2	27.5	-10.0	366.9	999.9	99.9	999.9	45.6	113.
51.7	137.3	15127.4	125.0	-63.8	99.9	286.8	26.5	25.4	-7.6	379.5	999.9	99.9	999.9	52.1	112.
56.5	144.5	16481.2	100.0	-67.2	99.9	280.3	13.7	13.4	-2.4	397.9	999.9	99.9	999.9	58.0	111.
62.2	152.0	18191.2	75.0	-70.1	99.9	308.3	8.7	6.8	-5.4	425.9	999.9	99.9	999.9	62.8	110.
70.6	160.0	20657.8	50.0	-59.9	99.9	27.1	5.9	-2.7	-5.2	502.3	999.9	99.9	999.9	65.8	112.
83.0	167.8	25092.7	25.0	-50.7	99.9	358.9	1.2	0.0	-1.2	639.4	999.9	99.9	999.9	66.2	114.

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

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
1115 GMT

164 18. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	11.0	1020.3	20.4	18.7	140.0	5.2	-3.3	4.0	293.7	328.4	13.5	90.0	0.0	0.
0.6	6.3	185.2	1000.0	20.1	17.4	175.2	16.7	-1.4	16.6	295.0	327.8	12.6	86.4	0.2	334.
1.2	8.6	403.9	975.0	19.5	11.8	180.9	15.8	0.2	15.8	296.0	320.0	9.0	61.3	0.9	352.
1.9	10.8	627.3	950.0	18.3	12.5	189.0	12.5	1.9	12.3	297.1	322.7	9.6	68.6	1.4	357.
2.6	13.2	856.1	925.0	17.7	12.1	194.3	7.1	1.8	6.9	298.7	324.6	9.7	69.8	1.8	1.
3.4	15.5	1090.2	900.0	15.7	13.0	203.9	5.8	2.4	5.3	299.1	327.2	10.5	83.9	2.1	2.
4.2	18.0	1329.1	875.0	13.9	13.2	221.7	6.8	4.5	5.0	299.6	329.0	11.0	95.7	2.4	7.
4.9	20.4	1573.6	850.0	11.9	11.6	224.6	7.2	5.0	5.1	300.0	327.4	10.2	97.8	2.6	10.
5.7	22.9	1822.7	825.0	8.0	-39.6	251.5	5.3	5.0	1.7	297.2	300.0	1.0	10.6	2.9	15.
6.4	25.4	2079.7	800.0	12.3	-3.4	300.7	3.3	2.8	-1.7	304.8	315.8	3.8	33.8	2.9	18.
7.3	27.9	2345.0	775.0	10.7	-0.6	347.5	1.7	0.4	-1.7	305.9	319.6	4.7	45.5	2.8	21.
8.1	30.7	2618.1	750.0	10.2	-7.6	373.3	2.2	-2.2	0.3	308.0	316.7	2.9	27.7	2.7	20.
8.9	33.4	2899.0	725.0	8.2	-7.3	412.0	3.0	-2.8	1.1	308.8	317.9	3.1	32.7	2.7	16.
9.7	36.0	3187.4	700.0	6.2	-11.6	451.6	1.5	-1.4	0.6	309.0	316.5	2.2	26.6	2.7	14.
10.7	38.9	3484.3	675.0	4.7	-44.3	493.0	1.3	0.6	-1.1	310.9	311.4	0.2	2.1	2.7	13.
11.5	41.5	3790.9	650.0	3.0	-10.9	539.6	4.0	1.4	-3.7	312.7	320.7	2.6	35.6	2.6	16.
12.5	44.5	4107.7	625.0	1.3	-12.9	592.9	8.3	3.8	-7.4	314.2	321.3	2.3	33.8	2.4	19.
13.5	47.6	4434.9	600.0	-1.1	-12.3	648.6	11.3	5.9	-9.7	315.1	322.8	2.5	42.2	2.0	36.
14.5	50.6	4773.0	575.0	-3.5	-12.2	706.7	11.8	6.5	-9.9	316.2	324.3	2.6	50.8	1.8	57.
15.6	53.6	5123.0	550.0	-6.2	-11.5	767.5	13.7	7.7	-11.3	317.0	326.0	2.9	66.2	2.0	77.
16.7	56.7	5485.4	525.0	-8.8	-13.9	832.9	14.4	8.5	-11.7	318.2	326.0	2.5	66.4	2.5	99.
17.9	60.0	5861.8	500.0	-11.5	-16.5	911.3	13.1	9.8	-8.6	319.2	325.9	2.1	66.4	3.3	110.
19.1	63.4	6254.1	475.0	-13.7	-20.1	991.4	13.2	11.2	-6.9	321.2	326.5	1.6	58.3	4.3	113.
20.5	66.9	6662.9	450.0	-16.7	-22.8	1080.6	13.3	11.5	-6.8	322.4	326.8	1.4	58.9	5.4	115.
21.8	70.4	7090.3	425.0	-19.8	-26.0	1183.3	13.7	12.6	-5.4	323.6	327.3	1.1	57.9	6.4	115.
23.3	74.0	7537.1	400.0	-23.3	-31.2	1294.3	15.5	14.2	-6.4	324.7	327.2	0.7	48.0	7.7	114.
24.9	78.0	8007.9	375.0	-25.8	-34.0	1415.2	16.4	13.4	-5.5	327.4	329.4	0.6	46.0	9.3	115.
26.6	81.8	8504.3	350.0	-29.4	-40.0	1549.6	16.0	12.7	-9.8	329.0	330.2	0.3	34.6	10.9	117.
28.3	85.9	9029.0	325.0	-33.5	-43.8	1700.3	17.7	14.6	-10.0	330.4	331.3	0.2	34.4	12.6	118.
30.4	90.4	9586.1	300.0	-37.6	-53.2	1868.8	18.4	15.0	-10.8	332.3	332.6	0.1	17.5	14.8	119.
32.5	95.1	10180.6	275.0	-42.4	99.9	2051.7	20.1	17.1	-10.5	333.8	999.9	99.9	999.9	17.1	120.
34.5	99.8	10818.1	250.0	-47.5	99.9	2266.3	22.6	19.1	-12.1	335.4	999.9	99.9	999.9	19.9	120.
36.8	105.0	11505.1	225.0	-53.4	99.9	2506.8	28.7	25.7	-12.9	336.7	999.9	99.9	999.9	23.3	120.
39.4	110.6	12253.3	200.0	-59.0	99.9	2785.2	27.2	24.6	-11.6	339.3	999.9	99.9	999.9	27.3	120.
42.1	116.3	13080.3	175.0	-64.3	99.9	2915.5	27.4	25.5	-10.0	343.9	999.9	99.9	999.9	32.0	119.
45.4	123.0	14037.3	150.0	-60.5	99.9	300.2	22.7	19.6	-11.4	365.8	999.9	99.9	999.9	37.0	118.
49.4	130.3	15163.6	125.0	-65.1	99.9	298.3	23.0	20.2	-10.9	377.1	999.9	99.9	999.9	42.0	118.
54.1	138.0	16507.1	100.0	-70.2	99.9	304.2	14.7	12.2	-8.3	392.1	999.9	99.9	999.9	47.5	118.
59.6	145.8	18204.9	75.0	-71.5	99.9	296.6	7.0	6.3	-3.1	423.1	999.9	99.9	999.9	50.7	118.
67.4	154.7	20671.9	50.0	-60.2	99.9	358.0	5.6	0.2	-5.6	501.8	999.9	99.9	999.9	52.7	120.
78.9	164.0	25115.6	25.0	-52.1	99.9	143.9	2.7	-1.6	2.2	634.9	999.9	99.9	999.9	52.5	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. 226
CENTERVILLE, ALA

24 APRIL 1975
1115 GMT

164 17. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	140.0	1002.5	17.1	15.4	180.0	2.6	0.0	2.6	291.5	320.1	11.1	90.0	0.0	0.
0.1	6.3	161.4	1000.0	16.8	15.2	186.4	2.1	0.2	2.1	291.4	319.7	11.0	90.4	0.1	358.
1.1	8.8	377.3	975.0	15.9	14.6	195.8	6.7	1.8	6.5	292.6	320.5	10.8	91.9	0.5	1.
2.0	11.0	598.2	950.0	15.0	13.8	200.0	11.6	4.0	10.9	293.8	321.3	10.5	92.2	1.0	9.
3.0	13.5	824.6	925.0	14.7	11.4	206.3	14.7	6.5	13.1	295.6	320.0	9.2	89.3	1.7	16.
3.9	15.8	1057.0	900.0	15.0	11.9	205.7	16.1	7.0	14.5	298.3	324.5	9.8	81.4	2.6	19.
4.8	18.3	1295.7	875.0	14.0	7.3	217.0	13.5	8.1	10.8	299.3	319.5	7.4	64.2	3.4	22.
5.8	20.8	1540.2	850.0	13.3	4.6	221.6	15.2	10.1	11.4	301.0	318.3	6.3	55.3	4.2	25.
6.8	23.4	1791.5	825.0	12.8	3.9	222.8	15.9	10.8	11.6	303.0	320.2	6.2	54.5	5.0	29.
7.7	25.8	2049.7	800.0	11.8	3.3	223.4	13.5	9.3	9.8	304.6	321.7	6.1	55.9	5.9	30.
8.8	28.7	2314.8	775.0	10.0	2.8	231.8	13.2	10.4	8.2	305.4	322.5	6.1	60.7	6.7	33.
9.9	31.4	2586.6	750.0	8.7	-14.0	240.1	14.4	12.5	7.2	306.3	311.5	1.7	18.3	7.5	35.
11.0	34.2	2666.5	725.0	8.4	-31.1	249.9	16.0	15.0	5.5	308.7	310.1	0.4	4.2	8.4	39.
12.1	36.9	3155.3	700.0	6.9	-45.7	245.8	16.2	14.8	6.6	310.1	310.5	0.1	1.0	9.4	42.
13.2	39.8	3452.9	675.0	5.2	-15.3	245.1	17.2	16.1	6.1	311.7	317.1	1.7	21.0	10.4	44.
14.3	42.5	3759.3	650.0	2.4	-17.5	259.2	18.3	18.0	3.4	311.8	316.5	1.5	21.3	11.4	47.
15.5	45.5	4074.7	625.0	-0.2	-13.5	265.5	20.8	20.8	1.6	312.5	319.2	2.2	35.9	12.6	51.
16.7	48.6	4400.0	600.0	-2.9	-9.8	265.6	20.4	20.4	1.6	313.1	322.4	3.0	59.0	13.9	55.
17.9	51.6	4735.7	575.0	-5.5	-9.9	265.0	16.3	16.3	1.4	313.9	323.4	3.1	71.3	15.1	58.
19.1	54.9	5083.2	550.0	-7.6	-11.5	265.1	12.0	11.9	1.0	315.4	324.3	2.9	73.7	16.0	59.
20.4	58.0	5443.9	525.0	-10.4	-15.5	276.2	10.1	10.0	-1.1	316.1	323.0	2.2	66.1	16.8	61.
21.8	61.4	5818.0	500.0	-13.4	-15.9	286.9	11.1	10.5	-3.6	316.9	323.9	2.2	81.6	17.3	63.
23.2	65.0	6206.1	475.0	-16.9	-18.4	283.1	16.6	16.1	-3.8	317.3	323.3	1.9	87.8	18.1	65.
24.5	68.4	6609.8	450.0	-20.3	-25.6	287.0	16.1	15.4	-4.7	317.8	321.4	1.1	63.6	19.2	68.
26.2	71.8	7031.8	425.0	-22.1	-43.2	280.2	14.1	13.9	-2.5	320.7	321.8	0.3	20.5	20.4	70.
28.2	75.7	7475.9	400.0	-24.5	-35.6	277.8	19.2	19.1	-2.6	323.1	324.7	0.5	34.7	22.1	72.
29.9	79.8	7942.7	375.0	-28.1	-62.6	277.0	22.2	22.1	-2.7	324.4	324.5	0.0	2.2	24.1	75.
31.6	83.7	8434.0	350.0	-32.1	-45.8	270.3	26.5	26.5	-0.1	325.4	326.0	0.2	24.3	26.4	76.
33.2	87.8	8952.1	325.0	-36.5	-38.3	266.7	27.6	27.6	1.6	326.4	327.9	0.4	83.2	29.1	77.
35.3	92.4	9502.6	300.0	-40.6	99.9	272.3	32.3	32.3	-1.3	328.1	999.9	99.9	999.9	32.6	79.
37.5	97.0	10088.5	275.0	-45.9	99.9	282.8	28.1	27.4	-6.2	328.7	999.9	99.9	999.9	36.4	81.
39.8	101.8	10716.9	250.0	-50.5	99.9	280.8	32.6	32.0	-6.1	331.0	999.9	99.9	999.9	40.5	83.
42.7	107.3	11397.1	225.0	-54.9	99.9	280.5	41.2	40.5	-7.5	334.4	999.9	99.9	999.9	46.6	85.
45.6	112.8	12141.5	200.0	-60.0	99.9	268.9	41.2	41.1	0.8	337.7	999.9	99.9	999.9	53.1	87.
49.0	118.8	12973.1	175.0	-58.6	99.9	274.2	40.5	40.4	-3.0	353.2	999.9	99.9	999.9	61.9	87.
53.1	125.8	13944.2	150.0	-60.2	99.9	274.1	24.7	24.6	-1.8	366.4	999.9	99.9	999.9	68.4	89.
57.5	133.0	15069.8	125.0	-63.7	99.9	282.1	32.1	31.4	-6.7	379.6	999.9	99.9	999.9	76.4	90.
62.5	140.5	16422.9	100.0	-69.9	99.9	273.2	23.7	23.6	-1.3	392.8	999.9	99.9	999.9	84.1	90.
69.1	148.3	18140.7	75.0	-65.9	99.9	263.9	14.1	14.0	1.5	434.9	999.9	99.9	999.9	90.5	90.
78.6	157.0	20415.6	50.0	-62.0	99.9	305.1	5.0	4.1	-2.9	497.3	999.9	99.9	999.9	93.4	91.
93.7	166.0	25048.9	25.0	-49.9	99.9	28.3	6.1	-2.9	-5.4	641.2	999.9	99.9	999.9	94.3	93.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1115 GMT

152 31. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	1.0	1017.3	21.4	20.9	150.0	4.1	-2.1	3.6	295.2	335.2	15.5	97.0	0.0	0.
0.5	6.3	150.7	1000.0	22.0	21.2	165.1	12.8	-3.3	12.3	297.3	339.1	16.1	95.0	0.3	335.
1.3	6.5	371.5	975.0	21.2	20.4	172.2	12.4	-1.7	12.2	298.6	339.6	15.7	94.8	0.9	343.
2.2	10.6	597.0	950.0	19.7	18.8	177.0	12.3	-0.6	12.3	299.1	337.4	14.5	94.4	1.6	349.
3.1	12.8	826.9	925.0	17.7	16.8	176.5	12.3	-0.8	12.3	299.2	333.9	13.1	94.2	2.2	351.
3.9	15.1	1061.5	900.0	18.7	11.8	183.0	10.7	0.6	10.7	302.2	329.0	9.9	65.0	2.8	352.
4.9	17.3	1303.4	875.0	18.5	0.7	201.5	9.0	3.3	8.4	303.6	316.7	4.6	30.2	3.3	356.
5.8	15.7	1551.0	850.0	17.0	1.9	190.8	9.8	1.8	9.7	304.6	319.4	5.2	36.3	3.8	359.
6.8	21.9	1804.8	825.0	15.1	3.7	202.4	9.3	3.5	8.6	305.4	322.6	6.1	46.2	4.3	1.
7.7	24.4	2064.8	800.0	13.5	0.4	210.2	11.0	5.5	9.5	306.2	320.5	5.0	41.0	4.8	4.
8.7	26.7	2331.4	775.0	12.6	-11.2	217.8	9.3	5.7	7.4	307.6	314.1	2.1	18.1	5.4	7.
9.7	29.3	2606.1	750.0	12.5	-17.7	233.5	6.6	5.3	3.9	310.3	314.4	1.3	10.7	5.8	10.
10.8	31.9	2890.0	725.0	13.0	-41.9	256.5	3.5	3.4	0.8	313.8	314.2	0.1	1.0	6.0	13.
11.9	34.6	3183.1	700.0	10.6	-24.0	286.3	3.2	3.0	-0.9	314.3	316.9	0.8	6.9	6.0	14.
12.9	37.0	3484.1	675.0	8.1	-21.9	294.3	3.1	2.8	-1.3	314.8	318.0	1.0	9.8	6.0	16.
14.0	39.8	3793.9	650.0	5.6	-23.5	289.5	3.2	3.1	-1.1	315.4	318.3	0.9	10.1	5.9	18.
15.2	42.2	4112.7	625.0	2.7	-18.8	283.1	4.6	4.5	-1.0	315.7	320.2	1.4	18.8	6.0	21.
16.4	45.1	4441.1	600.0	-0.2	-13.6	294.4	6.1	5.5	-2.5	316.1	323.1	2.2	35.7	6.0	25.
17.7	48.1	4780.5	575.0	-2.6	-12.2	285.0	6.6	6.4	-1.7	317.3	325.4	2.6	47.4	6.1	29.
18.9	50.9	5131.9	550.0	-4.9	-13.4	282.3	7.7	7.5	-1.6	318.6	326.3	2.5	51.1	6.2	34.
20.3	54.0	5495.7	525.0	-8.0	-15.0	290.0	8.1	7.6	-2.8	319.1	326.3	2.3	56.6	6.5	39.
21.6	56.5	5872.9	500.0	-11.0	-15.3	283.5	8.6	8.3	-2.0	319.8	327.2	2.3	70.6	6.7	45.
23.0	60.1	6266.1	475.0	-12.3	-35.6	274.9	10.6	10.5	-0.9	322.8	324.1	0.4	12.2	7.2	49.
24.5	63.6	6676.9	450.0	-15.6	-27.6	281.5	14.7	14.4	-2.9	323.7	326.7	0.9	34.8	8.0	56.
26.0	66.9	7105.5	425.0	-18.6	-30.0	283.9	15.0	14.5	-3.6	325.2	327.8	0.7	35.6	9.0	62.
27.7	70.4	7555.6	400.0	-21.7	-29.6	280.4	14.5	14.3	-2.6	326.8	329.6	0.8	48.8	10.2	68.
29.1	74.0	8027.0	375.0	-25.6	-30.5	280.2	15.9	15.7	-2.8	327.7	330.5	0.8	63.1	11.4	71.
31.2	78.0	8523.7	350.0	-29.4	-38.2	277.0	19.5	19.4	-2.4	329.0	330.5	0.4	41.7	13.2	75.
33.0	81.8	9050.0	325.0	-32.6	99.9	282.2	21.1	20.7	-4.5	331.8	999.9	99.9	99.9	15.3	79.
34.9	85.9	9609.1	300.0	-36.8	99.9	279.0	22.8	22.5	-3.6	333.5	999.9	99.9	99.9	17.6	82.
37.1	90.4	10204.3	275.0	-42.4	99.9	279.1	23.9	23.6	-3.8	333.9	999.9	99.9	99.9	20.6	84.
39.3	95.2	10841.1	250.0	-47.8	99.9	281.3	27.1	26.6	-5.3	335.1	999.9	99.9	99.9	24.0	87.
41.8	100.2	11529.8	225.0	-52.7	99.9	273.1	26.8	26.7	-1.5	337.7	999.9	99.9	99.9	28.1	88.
44.4	105.5	12280.5	200.0	-58.3	99.9	264.9	35.0	34.8	3.1	340.5	999.9	99.9	99.9	32.6	88.
47.3	111.3	13109.3	175.0	-64.5	99.9	265.5	29.3	29.2	2.3	343.5	999.9	99.9	99.9	38.2	88.
50.7	117.7	14056.8	150.0	-60.4	99.9	275.3	27.4	27.2	-2.5	366.1	999.9	99.9	99.9	45.0	88.
54.7	125.0	15183.3	125.0	-63.9	99.9	276.6	21.7	21.5	-2.5	379.2	999.9	99.9	99.9	50.7	89.
59.7	133.0	16532.3	100.0	-70.4	99.9	279.9	17.8	17.5	-3.1	391.7	999.9	99.9	99.9	57.0	89.
65.4	141.0	18222.5	75.0	-70.2	99.9	265.4	8.8	8.8	0.7	425.7	999.9	99.9	99.9	61.2	90.
73.7	149.7	20689.9	50.0	-61.4	99.9	337.5	4.6	1.8	-4.2	498.9	999.9	99.9	99.9	62.5	91.
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	99.9	999.9	999.

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

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
1115 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	100.0	1004.0	21.7	19.6	180.0	3.3	0.0	3.3	296.5	334.2	14.5	82.0	0.0	0.
0.0	4.7	134.8	1000.0	21.6	19.7	186.8	5.4	0.6	5.4	296.7	334.7	14.6	89.1	0.1	0.
0.8	6.5	355.1	975.0	20.6	19.1	193.8	8.8	2.1	8.5	297.8	335.6	14.4	91.1	0.3	4.
1.5	8.5	579.8	950.0	19.0	17.8	203.3	11.5	4.6	10.6	298.3	334.3	13.7	92.9	0.8	12.
2.3	10.5	809.2	925.0	17.3	16.3	207.9	14.8	6.9	13.1	296.7	332.3	12.7	93.3	1.4	19.
3.1	12.6	1043.3	900.0	15.6	14.7	210.3	16.7	8.4	14.4	299.2	330.5	11.8	94.0	2.1	22.
3.8	14.8	1282.7	875.0	14.2	13.1	215.1	18.9	10.8	15.4	300.0	329.3	10.9	93.4	2.9	25.
4.6	16.7	1527.5	850.0	12.4	11.4	216.6	17.9	10.7	14.4	300.5	327.5	10.0	93.1	3.8	28.
5.4	19.1	1777.8	825.0	11.0	9.9	215.7	18.5	10.8	15.0	301.4	326.9	9.4	93.3	4.6	29.
6.1	21.2	2034.5	800.0	9.4	5.9	218.6	19.2	12.0	15.0	302.2	323.4	7.7	82.6	5.4	30.
6.8	23.6	2297.0	775.0	8.8	-34.6	224.6	17.9	12.6	12.7	303.3	304.3	0.3	3.0	6.1	32.
7.5	25.8	2571.0	750.0	14.2	-21.2	227.3	16.2	11.9	11.0	312.1	315.2	0.9	7.0	6.9	34.
8.5	28.3	2855.7	725.0	12.3	-18.3	231.6	15.5	12.1	9.6	313.1	317.1	1.2	10.2	7.8	35.
9.4	30.8	3148.1	700.0	9.9	-17.2	239.9	17.2	14.9	6.6	313.6	318.1	1.4	13.0	8.6	37.
10.3	33.3	3448.7	675.0	7.4	-16.2	241.9	18.9	16.7	8.9	314.2	319.2	1.6	16.7	9.5	40.
11.3	35.9	3757.7	650.0	4.5	-15.2	245.2	19.3	17.5	8.1	314.3	320.0	1.8	22.2	10.6	42.
12.4	38.4	4075.6	625.0	1.8	-16.5	251.8	19.8	18.8	6.2	314.7	320.0	1.7	24.1	11.7	45.
13.2	41.1	4402.8	600.0	-1.1	-13.6	257.4	20.8	20.3	4.5	315.1	322.1	2.2	37.8	12.6	47.
14.4	43.9	4740.5	575.0	-4.4	-13.7	267.6	21.4	21.4	0.9	315.1	322.3	2.3	48.1	13.8	51.
15.5	46.9	5089.2	550.0	-6.9	-12.9	277.1	21.5	21.4	-2.7	316.3	324.8	2.8	66.8	14.9	54.
16.8	49.9	5451.3	525.0	-9.2	-15.0	280.1	22.0	21.7	-3.9	317.7	324.8	2.3	62.6	16.2	59.
18.1	52.8	5827.1	500.0	-12.1	-16.7	278.4	21.2	20.9	-3.1	318.6	325.1	2.1	68.0	17.5	62.
19.3	55.3	6218.1	475.0	-14.5	-18.8	274.4	20.6	20.6	-1.6	320.2	326.0	1.8	69.6	18.7	65.
20.4	59.1	6625.6	450.0	-17.5	-21.5	273.1	20.6	20.6	-1.1	321.3	326.3	1.5	70.9	20.0	67.
21.7	62.6	7051.6	425.0	-20.5	-24.7	270.0	20.2	20.2	-0.0	322.8	326.9	1.2	68.9	21.4	69.
22.9	65.9	7497.8	400.0	-23.5	-27.5	263.8	24.7	24.5	2.7	324.5	327.9	1.0	69.1	23.0	70.
24.5	69.7	7966.4	375.0	-27.1	-31.6	264.9	25.8	25.7	2.3	325.7	328.2	0.7	65.6	25.2	71.
26.1	73.3	8459.3	350.0	-31.5	-37.4	265.9	25.1	25.0	1.8	326.2	327.8	0.4	55.6	27.7	73.
27.8	77.4	8979.6	325.0	-35.6	-41.2	260.2	20.7	20.4	3.5	327.6	328.7	0.3	56.1	30.0	73.
29.6	81.5	9531.1	300.0	-40.1	59.9	260.5	21.0	20.7	3.5	328.8	999.9	99.9	99.9	32.4	74.
31.4	85.9	10117.7	275.0	-45.6	99.9	267.0	26.2	26.2	1.4	329.1	999.9	99.9	99.9	34.5	74.
33.7	90.8	10745.2	250.0	-51.0	99.9	267.4	33.6	33.6	1.6	330.3	999.9	99.9	99.9	38.7	76.
36.2	95.7	11426.4	225.0	-54.6	99.9	262.9	41.0	40.7	5.1	334.9	999.9	99.9	99.9	44.5	77.
39.0	101.0	12172.2	200.0	-59.1	99.9	263.8	42.3	42.1	4.5	339.2	999.9	99.9	99.9	51.3	78.
42.1	107.3	13007.4	175.0	-59.6	99.9	262.7	34.6	34.3	4.4	351.6	999.9	99.9	99.9	58.3	79.
45.8	113.8	13974.9	150.0	-59.2	99.9	999.9	99.9	99.9	99.9	368.2	999.9	99.9	99.9	999.9	999.9
50.1	121.3	15104.0	125.0	-62.9	99.9	271.8	25.4	25.4	-0.8	381.1	999.9	99.9	99.9	72.4	80.
55.3	129.7	16458.9	100.0	-69.2	99.9	272.0	20.4	20.4	-0.7	394.0	999.9	99.9	99.9	79.4	81.
61.7	135.0	18174.3	75.0	-68.1	99.9	264.6	7.8	7.8	0.7	430.2	999.9	99.9	99.9	85.4	82.
70.2	149.0	20643.0	50.0	-59.8	99.9	224.7	3.0	2.1	2.1	502.5	999.9	99.9	99.9	88.8	82.
83.1	160.0	25072.8	25.0	-49.8	99.9	275.4	7.1	7.1	-0.7	641.5	999.9	99.9	99.9	89.2	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. 240
LAKE CHARLES, LA

24 APRIL 1975
1115 GMT

147 39. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	5.0	1014.4	21.7	21.2	170.0	6.2	-1.1	6.1	295.8	336.8	15.9	97.0	0.0	0.
0.3	4.7	129.6	1000.0	21.0	20.2	179.3	11.2	-0.1	11.2	296.2	335.5	15.1	95.1	0.3	2.
0.9	6.3	349.6	975.0	20.5	19.7	181.1	10.4	0.2	10.4	297.8	336.9	15.0	95.2	0.6	1.
1.8	8.2	574.4	950.0	19.2	18.4	191.2	11.7	2.3	11.5	298.6	335.9	14.2	95.2	1.1	3.
2.6	10.1	803.6	925.0	16.7	10.2	208.7	12.5	6.0	10.9	297.5	320.9	8.7	67.8	1.7	6.
3.4	11.8	1038.0	900.0	18.8	4.0	216.2	12.4	7.3	10.0	301.7	317.7	5.7	37.5	2.3	16.
4.2	13.8	1279.3	875.0	17.0	8.1	213.0	12.2	6.6	10.2	302.5	323.9	7.8	55.6	2.9	20.
5.1	15.7	1526.3	850.0	16.1	-1.5	205.3	11.0	4.7	9.9	303.6	315.5	4.2	31.0	3.4	21.
6.0	17.8	1779.0	825.0	14.3	-1.0	211.5	12.5	6.6	10.7	304.3	316.7	4.3	35.0	4.0	22.
6.9	19.8	2038.0	800.0	12.7	-2.7	207.1	16.2	7.4	14.4	305.2	316.5	3.9	34.0	4.9	23.
7.9	21.8	2303.4	775.0	10.6	-6.2	205.3	17.2	7.3	15.5	305.6	314.7	3.1	30.0	5.9	23.
8.8	24.0	2576.6	750.0	12.3	-42.4	213.5	17.4	9.6	14.5	310.0	310.4	0.1	1.0	6.8	24.
9.7	26.0	2860.6	725.0	12.5	-32.7	222.6	17.8	12.0	13.1	313.2	314.4	0.3	2.7	7.7	26.
10.6	28.4	3153.6	700.0	10.6	-22.2	227.2	18.6	13.7	12.7	314.3	317.4	0.9	8.1	8.7	26.
11.7	30.7	3455.2	675.0	8.8	-19.5	227.6	17.7	13.0	11.9	315.6	319.5	1.2	11.6	9.8	31.
12.9	33.2	3765.7	650.0	6.3	-15.2	229.3	15.4	11.7	10.0	316.3	322.1	1.8	19.7	10.9	32.
14.1	35.5	4086.0	625.0	4.5	-16.5	236.1	13.8	11.5	7.7	317.8	323.2	1.7	19.9	11.9	34.
15.2	38.0	4416.7	600.0	2.1	-14.4	241.0	11.0	9.6	5.3	318.8	325.4	2.1	26.2	12.8	36.
16.4	40.5	4758.4	575.0	-1.3	-11.9	250.3	9.0	8.5	3.0	318.8	327.2	2.7	44.1	13.3	37.
17.6	43.1	5110.6	550.0	-4.5	-11.4	256.2	10.0	9.7	2.4	319.1	328.1	2.9	58.5	13.8	39.
18.8	45.9	5474.7	525.0	-8.3	-10.8	256.0	10.0	9.7	2.4	318.9	328.8	3.2	81.9	14.4	41.
20.1	48.8	5851.8	500.0	-11.3	-15.8	254.9	11.1	10.7	2.9	319.5	326.6	2.2	69.4	15.1	42.
21.4	51.5	6243.1	475.0	-14.5	-18.1	261.3	9.7	9.6	1.5	320.2	326.4	1.9	74.3	15.8	44.
22.9	54.5	6659.8	450.0	-17.0	-28.0	254.7	13.2	12.8	3.5	321.9	324.8	0.8	37.8	16.5	46.
24.3	57.5	7077.9	425.0	-20.1	-29.0	252.6	14.9	14.2	4.4	323.3	326.1	0.8	45.0	17.6	48.
25.7	60.7	7523.9	400.0	-23.8	-30.3	255.5	17.0	16.5	4.3	324.1	326.7	0.8	54.6	18.9	49.
27.3	64.1	7992.4	375.0	-27.4	-33.0	264.5	19.8	19.7	1.9	325.3	327.5	0.6	58.3	20.4	52.
29.0	67.6	8486.1	350.0	-30.4	-43.0	265.2	22.9	22.8	1.9	327.6	328.5	0.2	27.7	22.4	55.
30.8	71.2	9008.2	325.0	-34.7	-41.2	276.6	22.0	21.8	-2.5	328.8	330.0	0.3	51.1	24.3	58.
32.4	75.3	9561.7	300.0	-39.1	-44.4	272.7	26.5	26.5	-1.3	330.2	331.1	0.2	56.9	26.1	61.
34.4	79.6	10152.8	275.0	-43.5	99.9	271.0	34.4	34.4	-0.6	332.3	999.9	99.9	999.9	29.3	65.
36.4	84.0	10787.0	250.0	-48.0	99.9	265.2	37.1	37.0	3.1	334.8	999.9	99.9	999.9	33.6	68.
38.6	88.8	11473.1	225.0	-54.0	99.9	271.5	37.2	37.2	-0.9	335.7	999.9	99.9	999.9	38.0	70.
41.1	94.2	12220.5	200.0	-59.0	99.9	277.7	36.3	36.0	-4.8	339.3	999.9	99.9	999.9	43.5	74.
43.9	99.8	13050.9	175.0	-61.8	99.9	270.1	31.4	31.4	-0.0	347.9	999.9	99.9	999.9	48.8	76.
47.4	106.3	14005.7	150.0	-60.8	99.9	265.5	32.9	32.8	2.6	365.4	999.9	99.9	999.9	54.6	77.
51.2	114.0	15131.6	125.0	-64.1	99.9	263.2	22.1	21.9	2.6	378.9	999.9	99.9	999.9	61.2	78.
56.1	122.7	16478.4	100.0	-70.0	99.9	261.4	20.9	20.6	3.1	392.6	999.9	99.9	999.9	68.0	79.
62.4	133.0	18175.3	75.0	-67.8	99.9	258.4	10.8	10.6	2.2	430.8	999.9	99.9	999.9	73.1	79.
70.9	141.7	20667.9	50.0	-60.3	99.9	43.9	2.7	-1.9	-1.9	501.5	999.9	99.9	999.9	75.1	80.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 248
SHREVEPORT, LA

24 APRIL 1975
1115 GMT

157 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	79.0	1003.4	19.4	17.2	180.0	5.2	0.0	5.2	293.9	326.1	12.4	87.0	0.0	0.
0.1	4.6	108.4	1000.0	19.6	17.6	189.7	8.0	1.4	7.9	294.5	327.7	12.8	88.3	0.1	2.
0.9	6.4	327.3	975.0	19.2	17.9	196.0	13.1	3.6	12.6	296.3	331.2	13.4	92.2	0.5	11.
1.9	8.5	551.1	950.0	18.2	16.8	200.4	17.4	6.0	16.3	297.4	331.1	12.8	91.7	1.4	15.
2.8	10.5	780.2	925.0	17.7	14.6	209.9	19.8	9.9	17.1	299.0	329.3	11.4	81.8	2.5	19.
3.8	12.5	1015.5	900.0	18.9	10.2	217.1	22.1	13.3	17.6	302.2	326.3	8.8	57.5	3.7	24.
4.8	14.7	1257.5	875.0	18.3	8.4	226.3	20.4	14.7	14.1	303.8	325.9	8.0	52.9	5.0	29.
5.9	16.6	1505.6	850.0	16.8	7.9	228.3	21.7	16.2	14.5	304.9	327.0	8.0	55.7	6.2	33.
7.0	18.9	1759.2	825.0	15.0	1.0	223.0	18.3	12.5	13.4	305.1	319.3	5.0	38.5	7.5	35.
8.0	21.0	2019.0	800.0	13.9	-1.4	236.7	20.2	16.9	11.1	306.5	319.0	4.3	34.8	8.7	37.
9.1	23.3	2286.6	775.0	14.0	-12.0	252.4	17.8	17.0	5.4	309.1	315.2	2.0	15.3	9.9	41.
10.1	25.5	2562.2	750.0	12.2	-7.7	261.5	13.4	13.2	2.0	310.3	319.1	2.9	24.8	10.6	44.
11.2	27.8	2845.2	725.0	10.7	-11.7	275.7	10.8	10.7	-1.1	311.5	318.2	2.2	19.4	11.2	47.
12.3	30.3	3136.2	700.0	8.7	-14.3	280.1	11.3	11.1	-2.0	312.4	318.0	1.8	16.0	11.6	49.
13.5	32.9	3435.6	675.0	6.7	-21.0	263.5	11.4	11.3	1.3	313.2	316.7	1.1	11.8	12.1	52.
14.8	35.4	3744.3	650.0	4.7	-24.3	260.4	12.9	12.7	2.1	314.4	317.1	0.8	10.0	13.0	54.
16.0	38.0	4061.8	625.0	2.1	-26.9	263.1	15.6	15.5	1.9	314.9	317.2	0.7	9.5	13.9	56.
17.3	40.5	4390.6	600.0	0.0	-16.0	257.4	19.5	19.1	3.6	316.4	322.2	1.8	28.9	15.2	58.
18.7	43.3	4729.2	575.0	-3.5	-14.5	257.4	18.6	18.2	4.1	316.2	323.0	2.2	42.0	16.8	60.
20.2	46.1	5078.7	550.0	-6.5	-16.6	255.6	20.3	19.6	5.0	316.5	322.5	1.9	44.5	18.4	62.
21.6	49.1	5440.2	525.0	-9.5	-21.8	252.2	20.9	19.9	6.4	317.1	321.2	1.3	36.0	20.2	63.
23.0	51.9	5815.0	500.0	-12.4	-22.5	251.9	20.6	19.6	6.4	318.0	322.1	1.3	42.8	21.9	63.
24.5	55.0	6204.8	475.0	-14.5	-43.2	254.4	18.2	17.5	4.9	320.0	320.6	0.2	6.6	23.5	54.
26.1	58.1	6612.1	450.0	-17.3	-47.6	255.7	19.3	18.7	4.8	321.4	321.9	0.1	5.1	25.2	65.
27.7	61.4	7037.6	425.0	-20.5	-49.5	265.1	21.4	21.4	1.8	322.7	323.0	0.1	5.4	27.2	66.
29.5	64.9	7483.5	400.0	-23.5	-51.2	260.5	20.6	20.3	3.4	324.4	324.7	0.1	5.7	29.2	67.
31.2	68.3	7951.5	375.0	-27.5	-53.7	262.4	21.2	21.1	2.8	325.2	325.4	0.1	6.2	31.5	68.
33.2	71.8	8443.9	350.0	-31.6	-56.3	265.9	24.1	24.0	1.7	326.1	326.3	0.1	6.6	34.2	69.
35.1	75.8	8940.0	325.0	-36.0	-59.2	267.7	22.5	22.4	0.9	327.0	327.2	0.0	7.1	36.6	71.
36.9	80.0	9514.8	300.0	-40.3	99.9	268.4	23.4	23.4	0.7	328.6	999.9	99.9	999.9	39.0	72.
38.8	84.2	10101.9	275.0	-45.2	99.9	269.2	27.3	27.3	0.4	329.8	999.9	99.9	999.9	41.7	73.
40.8	88.6	10731.4	250.0	-50.0	99.9	263.9	30.2	30.1	3.2	331.7	999.9	99.9	999.9	45.2	74.
42.8	93.6	11413.1	225.0	-54.6	99.9	263.2	27.1	27.0	3.2	334.8	999.9	99.9	999.9	48.6	75.
44.9	98.8	12158.4	200.0	-59.5	99.9	271.0	34.9	34.9	-0.6	338.6	999.9	99.9	999.9	52.0	76.
47.4	104.5	12991.5	175.0	-60.4	99.9	272.4	35.3	35.2	-1.5	350.3	999.9	99.9	999.9	57.3	77.
50.3	111.0	13953.0	150.0	-58.8	99.9	264.9	30.6	30.5	2.7	368.8	999.9	99.9	999.9	62.7	78.
53.2	118.0	15085.2	125.0	-62.5	99.9	265.4	33.2	33.1	2.7	381.8	999.9	99.9	999.9	67.9	79.
56.9	126.3	16444.6	100.0	-68.2	99.9	262.9	25.0	24.8	3.1	396.1	999.9	99.9	999.9	73.5	79.
62.5	136.0	18168.8	75.0	-66.5	99.9	267.9	15.9	15.9	0.6	433.6	999.9	99.9	999.9	78.5	79.
70.9	145.7	20668.2	50.0	-58.0	99.9	250.6	7.2	6.8	2.4	506.8	999.9	99.9	999.9	82.5	80.
84.7	156.3	25139.1	25.0	-50.9	99.9	286.6	5.2	4.9	-1.6	638.9	999.9	99.9	999.9	82.9	82.

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

STATION NO. 255
VICTORIA, TEX

24 APRIL 1975
1115 GMT

166 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	33.0	1007.3	23.9	21.2	170.0	6.7	-1.2	6.6	298.6	340.4	16.0	85.0	0.0	0.
0.2	4.7	96.9	1000.0	23.3	21.6	999.9	99.9	99.9	99.9	298.7	341.8	16.5	90.1	999.9	999.
1.0	6.5	318.4	975.0	21.8	21.0	999.9	99.9	99.9	99.9	299.3	342.1	16.4	95.7	999.9	999.
1.8	8.6	544.2	950.0	20.0	19.3	178.6	16.4	-0.4	16.4	299.5	339.0	15.0	95.4	1.4	349.
2.6	10.6	774.6	925.0	19.6	10.8	186.5	19.6	2.2	19.5	300.6	324.9	9.0	58.0	2.1	355.
3.3	12.8	1011.2	900.0	21.6	3.6	185.2	20.6	1.8	20.5	304.5	320.2	5.5	30.8	3.1	359.
4.2	15.0	1254.8	875.0	20.1	6.7	181.9	22.5	0.7	22.5	305.7	325.4	7.0	41.5	4.2	360.
4.9	17.1	1503.9	850.0	18.1	3.2	181.6	22.2	0.6	22.2	305.9	322.2	5.7	37.0	5.3	0.
5.9	19.5	1758.8	825.0	16.3	1.0	182.2	19.8	0.8	19.8	306.5	320.9	5.0	35.5	6.4	0.
6.8	21.5	2019.6	800.0	15.4	-17.4	190.0	20.1	3.5	15.8	307.8	313.4	1.8	13.9	7.5	1.
7.6	24.0	2288.6	775.0	16.8	-39.7	200.8	17.8	6.3	16.7	311.5	312.4	0.2	1.0	8.4	3.
8.5	26.2	2566.8	750.0	15.7	-40.3	204.6	13.9	5.8	12.7	313.7	314.2	0.1	1.0	9.2	5.
9.4	28.7	2853.4	725.0	14.9	-40.8	207.1	10.9	4.9	9.7	315.8	316.3	0.1	1.0	9.8	6.
10.3	31.3	3148.6	700.0	13.0	-41.9	225.4	7.8	5.6	5.5	316.9	317.4	0.1	1.0	10.3	7.
11.3	33.9	3452.3	675.0	10.8	-43.3	244.0	6.0	5.4	2.6	317.8	318.2	0.1	1.0	10.5	9.
12.4	36.3	3764.9	650.0	8.2	-19.5	252.4	5.6	5.3	1.7	318.4	322.6	1.2	12.4	10.7	11.
13.4	39.1	4086.7	625.0	5.1	-13.1	244.4	7.6	6.8	3.3	318.6	325.7	2.2	25.3	10.9	13.
14.5	41.7	4418.3	600.0	2.2	-12.9	242.6	8.3	7.4	3.8	319.0	326.5	2.4	31.7	11.3	15.
15.6	44.6	4759.7	575.0	-1.5	-13.1	249.9	8.6	8.0	2.9	318.6	326.2	2.4	40.7	11.7	17.
16.9	47.6	5111.9	550.0	-4.4	-20.1	263.4	10.2	10.1	1.2	319.0	323.6	1.4	28.1	12.0	19.
18.0	50.5	5476.5	525.0	-7.2	-21.1	274.2	12.7	12.7	-0.9	319.9	324.3	1.3	31.7	12.3	23.
19.4	53.6	5854.7	500.0	-10.0	-31.5	269.4	13.1	13.1	0.1	320.9	323.2	0.7	16.9	12.6	28.
20.6	56.6	6248.7	475.0	-12.1	-28.8	260.5	14.5	14.3	2.4	323.1	325.6	0.7	23.3	13.2	31.
21.9	60.0	6659.3	450.0	-15.7	-32.5	256.3	15.8	15.4	3.8	323.6	325.5	0.5	21.8	14.1	35.
23.3	63.4	7088.1	425.0	-18.8	-35.9	255.3	16.3	15.7	4.1	324.9	326.4	0.4	20.7	15.2	38.
24.7	66.8	7536.4	400.0	-21.9	-49.7	263.4	20.2	20.0	2.3	326.5	327.1	0.2	9.4	16.3	41.
26.3	70.5	8008.9	375.0	-25.2	-40.0	273.5	24.1	24.0	-1.5	328.2	329.3	0.3	23.6	17.8	47.
27.9	74.3	8506.2	350.0	-28.5	-42.3	275.0	28.6	28.5	-2.5	330.3	331.3	0.3	24.9	19.6	52.
29.5	78.3	9033.7	325.0	-32.2	-48.3	271.6	31.1	31.1	-0.9	332.2	332.7	0.1	18.3	22.0	57.
31.4	82.5	9593.3	300.0	-36.8	-50.6	271.9	32.8	32.8	-1.1	333.4	333.9	0.1	22.2	25.1	62.
33.5	86.8	10189.1	275.0	-41.9	99.9	269.3	29.4	29.4	0.4	334.5	999.9	99.9	999.9	28.5	66.
35.5	91.6	10827.5	250.0	-47.2	99.9	267.9	29.9	29.9	1.1	335.9	999.9	99.9	999.9	32.0	68.
37.8	96.8	11515.1	225.0	-53.4	99.9	267.8	30.5	30.5	1.2	336.6	999.9	99.9	999.9	35.7	70.
40.2	102.2	12263.0	200.0	-59.2	99.9	286.1	36.7	35.3	-10.2	339.0	999.9	99.9	999.9	39.7	73.
43.0	108.3	13089.9	175.0	-64.3	99.9	293.9	41.5	38.0	-16.8	343.9	999.9	99.9	999.9	45.5	78.
45.8	115.0	14032.9	150.0	-65.0	99.9	261.6	31.7	31.4	4.6	358.1	999.9	99.9	999.9	50.5	81.
49.3	122.3	15149.7	125.0	-65.6	99.9	271.0	21.1	21.1	-0.4	376.1	999.9	99.9	999.9	57.3	81.
53.3	131.0	16489.2	100.0	-71.3	99.9	254.7	23.3	22.5	6.1	390.0	999.9	99.9	999.9	62.5	81.
59.9	141.0	18189.0	75.0	-67.5	99.9	228.7	11.6	8.7	7.6	431.4	999.9	99.9	999.9	67.2	80.
67.2	151.7	20682.6	50.0	-57.6	99.9	317.9	4.1	2.8	-3.1	507.8	999.9	99.9	999.9	69.8	81.
79.4	164.0	25104.0	25.0	-50.4	99.9	90.7	6.4	-6.4	0.1	639.7	999.9	99.9	999.9	66.7	82.

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

STATION NO. 260
STEPHENVILLE, TEX

24 APRIL 1975
1115 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	399.0	963.8	19.0	17.8	180.0	6.2	0.0	6.2	257.1	332.4	13.5	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	11.0	523.5	950.0	19.5	18.3	189.9	14.3	2.5	14.1	298.9	336.0	14.1	92.7	0.4	2.
1.1	13.5	753.9	925.0	18.7	17.6	193.5	21.0	4.9	20.5	300.3	337.1	13.9	93.6	1.0	7.
1.8	15.8	989.8	900.0	20.8	9.9	201.2	23.8	8.6	22.2	304.2	328.0	8.6	51.1	2.0	12.
2.8	18.2	1233.9	875.0	21.2	9.2	207.6	17.7	8.2	15.7	306.9	330.4	8.4	46.4	3.2	17.
3.7	20.7	1484.7	850.0	20.1	7.9	219.8	14.4	9.2	11.1	308.3	330.6	7.9	45.3	4.0	20.
4.5	23.2	1741.8	825.0	19.4	-0.2	232.6	9.9	7.9	6.0	309.7	323.2	4.6	26.7	4.6	24.
5.5	25.7	2005.4	800.0	17.4	-2.0	226.5	9.3	6.8	6.4	310.3	322.5	4.2	26.6	5.1	26.
6.4	28.3	2275.3	775.0	15.1	-0.0	224.8	9.0	6.3	6.4	310.7	325.2	4.9	35.5	5.6	28.
7.3	31.0	2551.9	750.0	13.4	0.2	251.1	8.0	7.6	2.6	311.8	327.1	5.2	40.4	5.9	30.
8.1	33.8	2836.3	725.0	11.7	-9.5	262.0	8.5	8.4	1.2	312.6	320.5	2.6	21.6	6.2	33.
9.1	36.4	3128.4	700.0	10.2	-43.7	252.9	9.6	9.1	2.8	313.8	314.2	0.1	1.0	6.5	37.
10.0	39.3	3425.5	675.0	8.8	-44.5	239.4	12.1	10.4	6.1	315.5	315.8	0.1	1.0	7.1	39.
11.0	42.0	3739.7	650.0	6.1	-46.2	238.3	12.6	10.7	6.6	315.8	316.2	0.1	1.0	7.7	40.
11.9	45.0	4058.7	625.0	3.0	-48.1	240.4	14.1	12.2	6.9	315.9	316.2	0.1	1.0	8.5	42.
12.9	48.0	4387.6	600.0	0.4	-49.7	245.5	16.4	14.9	6.8	316.5	316.8	0.1	1.0	9.3	44.
14.0	50.9	4726.7	575.0	-2.8	-46.8	249.2	17.1	16.0	6.1	316.7	317.1	0.1	1.8	10.4	46.
15.1	54.1	5076.5	550.0	-6.2	-34.8	248.4	18.5	17.2	6.8	316.7	317.9	0.4	8.2	11.4	49.
16.3	57.3	5438.0	525.0	-9.8	-33.1	255.8	18.9	18.4	4.6	316.7	318.2	0.4	12.7	12.7	51.
17.5	60.6	5812.3	500.0	-12.8	-44.7	255.1	19.6	18.9	5.0	317.4	317.9	0.1	4.9	14.0	54.
18.8	64.0	6201.0	475.0	-16.1	-57.5	252.7	19.8	18.9	5.9	318.0	318.1	0.0	1.4	15.4	55.
20.3	67.3	6608.1	450.0	-16.4	-60.3	260.4	18.9	18.6	3.2	322.6	322.7	0.0	1.0	17.1	58.
21.7	70.8	7034.8	425.0	-20.3	-62.8	259.0	20.0	19.7	3.8	322.9	323.0	0.0	1.0	18.5	59.
23.3	74.5	7480.2	400.0	-24.3	-65.4	265.0	20.7	20.6	1.8	323.4	323.4	0.0	1.0	20.3	61.
24.7	78.3	7947.0	375.0	-28.1	-67.9	265.0	23.1	23.0	2.0	324.3	324.4	0.0	1.0	22.1	64.
26.5	82.2	8438.6	350.0	-31.6	-70.2	266.3	26.8	26.7	1.7	326.1	326.1	0.0	1.0	24.8	66.
28.3	86.2	8958.1	325.0	-35.9	-73.0	266.3	28.5	28.5	1.9	327.2	327.2	0.0	1.0	27.3	68.
30.1	90.6	9509.3	300.0	-40.3	99.9	262.6	30.7	30.4	4.0	328.5	999.9	99.9	999.9	30.3	70.
32.1	95.2	10096.4	275.0	-45.4	99.9	265.6	32.2	32.1	2.5	329.5	999.9	99.9	999.9	34.2	71.
34.4	99.8	10725.8	250.0	-50.0	99.9	266.7	33.7	33.7	2.0	331.7	999.9	99.9	999.9	38.7	73.
37.0	104.8	11407.4	225.0	-54.4	99.9	266.9	38.0	37.9	2.0	335.1	999.9	99.9	999.9	44.1	75.
39.9	110.4	12153.5	200.0	-59.1	99.9	270.0	44.8	44.8	0.0	339.3	999.9	99.9	999.9	51.1	76.
43.0	116.3	12983.2	175.0	-62.3	99.9	275.5	40.6	40.4	-3.9	347.1	999.9	99.9	999.9	59.8	79.
46.5	122.8	13936.2	150.0	-61.7	99.9	253.8	38.4	36.9	10.7	363.8	999.9	99.9	999.9	57.3	80.
51.2	130.0	15066.9	125.0	-60.0	99.9	267.3	31.7	31.7	1.5	386.3	999.9	99.9	999.9	77.9	80.
55.5	137.3	16445.8	100.0	-67.7	99.9	238.5	17.2	14.7	9.0	396.9	999.9	99.9	999.9	81.2	79.
61.3	145.0	18166.9	75.0	-69.2	99.9	256.7	14.8	14.4	3.4	427.8	999.9	99.9	999.9	88.8	78.
70.0	153.3	20670.8	50.0	-58.4	99.9	2.3	5.1	-0.2	-5.1	506.0	999.9	99.9	999.9	91.8	79.
83.3	162.3	23124.0	25.0	-51.1	99.9	345.3	4.5	1.1	-4.4	638.0	999.9	99.9	999.9	93.3	80.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1115 GMT

159 27. 0

TIME M/N	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.8	314.0	971.4	21.7	18.7	110.0	5.2	-4.9	1.9	299.2	336.5	14.1	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	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	10.7	508.0	950.0	20.6	19.1	136.6	11.8	-8.1	8.6	300.1	339.2	14.8	91.3	0.4	308.
1.6	13.1	738.8	925.0	19.4	18.7	158.1	12.3	-4.6	11.4	301.1	340.5	14.9	95.8	1.0	319.
2.5	15.5	975.0	900.0	17.7	17.1	174.3	13.0	-1.3	12.9	301.6	338.4	13.8	95.9	1.6	330.
3.4	18.0	1217.3	875.0	19.6	13.9	192.7	11.8	2.6	11.5	305.7	337.3	11.5	69.5	2.2	340.
4.2	20.5	1467.5	850.0	19.9	10.8	185.0	13.1	1.1	13.1	308.3	335.3	9.7	56.0	2.8	340.
5.2	23.0	1725.4	825.0	20.3	8.9	178.5	11.7	-0.3	11.7	311.2	336.1	8.7	48.0	3.4	350.
6.2	25.5	1991.0	800.0	19.8	2.4	177.0	12.8	-0.7	12.8	313.0	330.0	5.8	32.2	4.2	350.
7.3	28.2	2264.0	775.0	19.3	-5.9	180.5	12.3	0.1	12.3	315.0	324.8	3.2	17.8	5.1	352.
8.3	31.0	2544.8	750.0	17.5	-0.6	203.2	10.4	4.1	9.5	316.2	330.9	4.9	29.1	5.7	354.
9.4	33.8	2833.3	725.0	15.7	-5.3	226.6	10.5	7.6	7.2	317.1	328.1	3.6	23.2	6.2	358.
10.5	36.3	3129.6	700.0	13.3	-10.2	241.6	11.0	9.7	5.2	317.6	325.5	2.5	18.4	6.6	3.
11.6	39.2	3433.7	675.0	10.8	-14.8	249.4	11.4	10.7	4.0	317.9	323.7	1.8	15.0	6.9	9.
12.6	41.9	3746.4	650.0	8.1	-15.2	250.3	11.4	10.7	3.8	318.4	324.2	1.8	17.4	7.3	13.
13.9	44.9	4067.7	625.0	4.9	-14.7	247.6	11.1	10.2	4.2	318.3	324.6	2.0	22.5	7.9	19.
15.2	48.0	4398.8	600.0	2.2	-14.2	247.4	11.3	10.4	4.3	318.9	325.6	2.1	28.4	8.5	23.
15.3	51.0	4740.1	575.0	-1.7	-16.1	246.0	11.4	10.4	4.6	318.2	324.2	1.9	32.2	9.0	27.
17.4	54.1	5091.8	550.0	-4.9	-17.2	243.2	13.6	12.2	6.1	318.5	324.3	1.8	37.3	9.6	29.
19.5	57.3	5456.3	525.0	-7.3	-18.4	252.5	16.2	15.5	4.9	319.8	325.3	1.7	40.7	10.5	33.
19.8	60.6	5834.0	500.0	-11.0	-19.9	257.3	17.2	16.8	3.8	319.8	324.9	1.6	47.5	11.5	37.
21.1	64.0	6225.1	475.0	-14.3	-29.0	257.0	16.1	15.6	3.6	320.4	322.8	0.7	27.4	12.5	41.
22.8	67.5	6635.7	450.0	-15.0	-48.5	254.3	13.3	12.8	3.6	324.3	324.7	0.1	3.9	13.7	45.
24.2	70.9	7065.2	425.0	-18.0	-52.6	254.7	13.8	13.4	3.6	325.8	326.1	0.1	3.0	14.8	47.
26.0	74.7	7514.7	400.0	-22.0	-50.5	261.2	15.3	15.2	2.3	326.3	326.7	0.1	5.5	16.0	50.
27.7	78.7	7986.4	375.0	-25.5	-36.4	263.3	19.7	19.6	2.3	327.8	329.4	0.4	35.1	17.5	53.
29.5	82.6	8483.6	350.0	-29.2	-43.0	268.0	26.5	26.5	0.9	329.4	330.3	0.2	26.0	19.6	57.
31.3	86.6	9009.0	325.0	-33.6	-38.2	267.3	30.4	30.4	1.5	330.3	331.8	0.4	63.2	22.5	61.
33.4	91.2	9565.3	300.0	-37.8	-42.5	269.1	33.4	33.4	0.5	332.1	333.2	0.3	61.0	26.2	65.
35.7	95.7	10159.2	275.0	-42.6	99.9	263.7	33.7	33.5	3.7	333.5	999.9	99.9	999.9	30.4	68.
38.1	100.5	10756.2	250.0	-47.5	99.9	261.0	33.7	33.3	5.3	335.4	999.9	99.9	999.9	34.9	70.
40.5	105.6	11483.1	225.0	-53.3	99.9	268.2	38.7	39.6	1.2	336.9	999.9	99.9	999.9	40.1	72.
43.3	111.2	12229.9	200.0	-60.1	99.9	270.3	40.7	40.7	-0.2	337.6	999.9	99.9	999.9	46.1	74.
46.3	117.0	13051.9	175.0	-66.0	99.9	274.8	50.6	50.4	-4.2	341.0	999.9	99.9	999.9	53.4	77.
49.5	123.9	13985.9	150.0	-65.8	99.9	264.3	40.1	39.9	4.0	356.7	999.9	99.9	999.9	62.0	80.
53.5	131.0	15100.3	125.0	-65.8	99.9	261.6	33.9	33.6	5.0	375.8	999.9	99.9	999.9	69.4	79.
58.3	138.7	16450.3	100.0	-69.1	99.9	255.2	17.6	17.0	4.5	394.2	999.9	99.9	999.9	76.2	80.
64.2	147.0	18147.7	75.0	-70.9	99.9	235.2	18.0	14.8	10.3	424.3	999.9	99.9	999.9	81.6	79.
72.4	156.5	20629.7	50.0	-58.6	99.9	28.3	4.0	-1.7	-3.7	505.5	999.9	99.9	999.9	85.4	76.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

145

STATION NO. 265
MILLAND, TEX

24 APRIL 1975
1115 GMT

155 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW 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	11.8	873.0	910.6	13.9	10.5	300.0	2.1	1.8	-1.0	296.0	319.5	8.8	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.
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	12.7	973.7	900.0	19.2	16.0	999.9	99.9	99.9	99.9	303.0	337.5	12.8	81.8	999.9	999.
1.3	14.9	1217.7	875.0	20.5	14.5	999.9	99.9	99.9	99.9	306.8	339.7	12.0	68.3	999.9	999.
2.2	16.9	1468.2	850.0	18.8	13.2	213.2	6.7	3.7	5.6	307.4	338.7	11.3	70.0	0.7	35.
3.1	19.2	1724.7	825.0	17.7	11.5	239.9	7.1	6.1	3.5	308.7	337.9	10.5	67.1	1.1	38.
4.0	21.3	1987.6	800.0	15.9	9.8	247.5	6.6	6.1	2.5	309.4	336.3	9.6	67.2	1.4	45.
4.9	23.6	2257.0	775.0	13.9	7.6	251.7	6.1	5.8	1.9	309.9	334.0	8.5	65.7	1.7	50.
5.9	25.8	2532.8	750.0	11.9	-8.0	253.2	5.5	5.3	1.6	309.9	319.4	3.2	27.0	2.1	54.
6.9	28.2	2815.7	725.0	10.6	-7.3	250.8	7.0	6.7	2.3	311.5	320.8	3.1	26.1	2.4	56.
7.9	30.7	3107.8	700.0	10.1	-13.1	249.8	10.4	9.8	3.6	314.0	320.2	2.0	18.0	2.9	54.
9.0	33.3	3408.4	675.0	7.2	-15.4	250.3	12.7	11.9	4.3	313.9	319.3	1.7	18.2	3.7	62.
10.1	35.8	3717.4	650.0	5.3	-16.9	239.4	15.8	13.6	8.1	315.1	320.1	1.6	18.3	4.6	62.
11.4	38.4	4030.3	625.0	3.1	-18.5	232.2	20.1	15.9	12.3	316.2	320.8	1.4	18.7	6.0	61.
12.6	40.9	4365.3	600.0	0.4	-20.2	231.1	22.6	17.6	14.2	316.7	320.8	1.3	19.4	7.5	59.
13.9	43.8	4705.1	575.0	-1.7	-26.1	229.4	22.1	16.8	14.3	318.1	320.7	0.8	13.3	9.4	57.
15.3	46.7	5056.7	550.0	-4.8	-28.4	235.0	22.0	18.0	12.6	318.5	320.8	0.7	13.6	11.1	56.
16.5	49.7	5420.4	525.0	-7.9	-30.7	239.9	20.9	18.1	10.5	319.0	320.9	0.6	13.9	12.7	56.
17.8	52.5	5798.0	500.0	-10.2	-32.4	244.1	16.4	14.7	7.1	320.7	322.4	0.5	14.1	14.1	57.
19.1	55.6	6190.8	475.0	-13.3	-34.8	248.5	17.7	16.4	6.5	321.5	323.0	0.4	14.4	15.4	58.
20.5	58.9	6599.4	450.0	-17.1	-37.6	252.0	17.0	16.2	5.3	321.8	322.9	0.3	14.7	16.9	59.
22.0	62.3	7025.1	425.0	-20.8	-39.2	252.7	19.5	18.7	5.8	322.3	323.4	0.3	17.1	18.4	60.
23.6	65.8	7470.2	400.0	-24.3	-42.9	250.2	20.3	19.1	6.9	323.3	324.1	0.2	15.9	20.3	61.
25.3	69.4	7937.2	375.0	-28.0	-45.8	254.4	24.3	23.4	6.5	324.4	325.0	0.2	16.2	22.5	62.
27.1	73.1	8429.0	350.0	-31.9	-48.8	258.8	24.6	24.2	4.6	325.7	326.2	0.1	16.6	24.9	64.
28.9	77.2	8948.5	325.0	-35.8	-52.0	256.9	27.6	26.9	6.3	327.3	327.7	0.1	16.9	27.8	65.
30.9	81.3	9499.2	300.0	-40.6	99.9	257.1	32.5	31.7	7.3	328.2	999.9	99.9	999.9	31.4	66.
32.9	85.7	10086.2	275.0	-44.8	99.9	265.5	34.3	34.2	2.7	330.4	999.9	99.9	999.9	35.3	68.
35.3	90.6	10717.4	250.0	-49.5	99.9	265.6	41.3	41.2	3.2	332.4	999.9	99.9	999.9	40.2	71.
37.9	95.8	11400.4	225.0	-54.4	99.9	269.7	45.4	45.4	0.2	335.1	999.9	99.9	999.9	46.9	73.
40.5	101.0	12144.1	200.0	-60.6	99.9	271.8	46.1	46.1	-1.4	336.9	999.9	99.9	999.9	54.2	75.
43.5	107.5	12968.9	175.0	-63.4	99.9	272.0	50.3	50.3	-1.7	345.4	999.9	99.9	999.9	62.5	78.
46.9	114.3	13919.8	150.0	-61.7	99.9	260.4	32.7*	32.2	5.4	363.8	999.9	99.9	999.9	70.3	79.
51.1	122.0	15043.3	125.0	-65.0	99.9	247.8	32.8*	30.3	12.4	377.3	999.9	99.9	999.9	79.0	78.
56.2	130.7	16398.8	100.0	-66.7	99.9	259.6	19.1*	18.8	3.5	398.9	999.9	99.9	999.9	88.8	76.
62.3	140.0	18131.2	75.0	-68.8	99.9	251.6	6.2*	5.9	2.0	428.6	999.9	99.9	999.9	94.8	78.
71.9	150.3	20635.7	50.0	-57.3	99.9	261.1	5.9	5.8	0.9	508.5	999.9	99.9	999.9	98.1	78.
85.8	160.7	25098.4	25.0	-51.0	99.9	266.0	5.4	5.4	0.4	638.6	999.9	99.9	999.9	100.4	78.

* BY SPEED MEANS ELEVATION 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. 304
HATTERAS, NC

24 APRIL 1975
1115 GMT

157 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 CCMP 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	4.0	1023.7	19.8	13.7	220.0	6.2	4.0	4.7	292.3	317.6	9.7	68.0	0.0	0.
0.7	5.8	206.3	1000.0	19.8	10.9	213.1	15.4	8.4	12.9	294.1	315.9	8.2	56.6	0.7	32.
1.4	8.0	423.7	975.0	17.6	9.3	212.6	17.5	9.5	14.8	293.9	314.0	7.6	58.2	1.3	33.
2.2	10.2	645.3	950.0	15.5	8.5	209.9	16.2	8.1	14.0	293.9	313.5	7.4	62.7	2.2	32.
2.9	12.4	871.0	925.0	13.3	8.3	212.3	17.2	9.2	14.6	293.9	313.8	7.5	71.8	2.9	32.
3.6	14.8	1101.0	900.0	11.3	7.9	214.9	16.3	9.3	13.4	294.2	314.0	7.4	79.3	3.6	32.
4.3	16.9	1336.0	875.0	9.4	7.1	216.5	16.2	9.6	13.0	294.5	313.9	7.3	85.2	4.2	32.
5.1	19.4	1576.3	850.0	8.2	0.1	224.1	14.3	10.0	10.3	295.3	307.9	4.6	56.9	5.0	33.
6.0	21.6	1822.8	825.0	7.8	-6.2	240.3	14.2	12.4	7.0	297.3	305.6	2.9	36.3	5.7	36.
6.8	24.2	2075.7	800.0	6.1	-8.9	257.6	12.9	12.6	2.8	298.0	305.1	2.4	33.1	6.2	39.
7.6	26.5	2335.2	775.0	4.8	-9.7	264.0	12.7	12.6	1.3	299.3	306.2	2.4	34.1	6.7	43.
8.5	29.1	2602.0	750.0	3.6	-3.5	264.8	12.3	12.2	1.1	301.0	312.2	3.9	59.7	7.2	47.
9.4	31.8	2876.6	725.0	1.7	-5.4	266.0	11.8	11.8	0.8	301.7	311.9	3.5	59.4	7.8	50.
10.2	34.4	3159.1	700.0	0.5	0.5	285.1	11.6	11.2	-3.0	303.8	319.9	5.7	100.7	8.2	52.
11.2	37.0	3450.6	675.0	-1.3	-1.3	302.2	13.1	11.1	-7.0	304.9	319.7	5.2	104.1	8.5	57.
12.1	39.8	3751.3	650.0	-2.9	-3.7	298.4	12.7	11.2	-6.0	306.3	319.2	4.5	95.0	8.8	61.
13.1	42.5	4061.5	625.0	-4.8	-6.3	289.5	11.6	11.0	-3.9	307.5	318.7	3.8	89.0	9.3	64.
14.2	45.4	4381.9	600.0	-6.9	-6.9	285.7	10.5	10.1	-2.8	308.5	319.7	3.8	101.8	9.9	67.
15.3	48.4	4714.0	575.0	-7.4	-11.0	288.6	11.0	10.4	-3.5	311.7	320.5	2.9	75.5	10.4	70.
16.3	51.3	5059.2	550.0	-9.2	-16.6	292.8	13.0	11.9	-5.0	313.4	319.3	1.9	54.5	10.9	72.
17.4	54.5	5417.9	525.0	-11.3	-18.4	292.1	15.8	14.7	-6.0	315.0	320.4	1.7	55.6	11.7	75.
18.5	57.4	5790.8	500.0	-13.7	-18.5	289.3	16.6	15.7	-5.5	316.5	322.2	1.8	66.9	12.6	78.
19.7	60.7	6179.1	475.0	-16.3	-20.6	285.1	16.8	16.2	-4.4	317.9	323.0	1.6	69.2	13.6	81.
21.0	64.3	6583.9	450.0	-19.4	-23.5	279.0	19.5	19.3	-3.1	319.0	323.1	1.3	69.6	14.9	82.
22.3	67.6	7006.3	425.0	-22.7	-27.1	275.9	18.0	17.9	-1.9	320.0	323.2	1.0	66.9	16.4	84.
23.7	71.0	7447.9	400.0	-26.3	-31.2	277.6	21.0	20.8	-2.8	320.9	323.2	0.7	62.5	17.9	85.
25.0	74.8	7911.0	375.0	-29.5	99.9	290.7	18.3	17.1	-6.5	322.5	999.9	99.9	999.9	19.5	86.
26.3	78.8	8400.2	350.0	-33.2	99.9	295.6	19.0	16.5	-9.4	324.0	999.9	99.9	999.9	20.7	88.
27.8	82.7	8917.1	325.0	-36.9	99.9	299.6	21.0	18.2	-10.4	325.9	999.9	99.9	999.9	22.3	91.
29.3	86.8	9464.8	300.0	-41.6	99.9	298.0	23.3	20.6	-11.0	326.7	999.9	99.9	999.9	24.0	93.
31.0	91.4	10049.6	275.0	-45.8	99.9	299.7	24.3	21.1	-12.0	328.8	999.9	99.9	999.9	26.2	95.
32.7	96.0	10678.3	250.0	-50.6	99.9	298.6	28.1	24.7	-13.4	330.9	999.9	99.9	999.9	28.8	97.
34.7	101.3	11356.9	225.0	-56.0	99.9	301.1	27.6	23.6	-14.3	332.7	999.9	99.9	999.9	31.6	100.
36.7	106.4	12098.4	200.0	-60.5	99.9	307.0	23.2	18.5	-14.0	337.0	999.9	99.9	999.9	34.4	102.
38.7	112.0	12922.0	175.0	-63.2	99.9	308.8	32.0	24.9	-20.0	345.6	999.9	99.9	999.9	37.2	104.
41.2	118.3	13873.8	150.0	-61.3	99.9	291.9	35.0	32.4	-13.0	364.6	999.9	99.9	999.9	42.1	106.
44.5	125.3	15011.1	125.0	-58.6	99.9	293.2	37.3	34.3	-14.7	389.0	999.9	99.9	999.9	49.7	107.
48.3	133.0	16409.7	100.0	-62.3	99.9	31	9.2	-0.5	-9.2	407.3	999.9	99.9	999.9	55.6	107.
52.6	140.7	18157.8	75.0	-66.3	99.9	302.9	14.9	12.5	-8.1	434.0	999.9	99.9	999.9	58.2	109.
59.0	149.0	20671.1	50.0	-58.8	99.9	348.9	11.1	2.1	-10.9	504.9	999.9	99.9	999.9	62.1	110.
67.8	157.3	25123.0	25.0	-50.6	99.9	75.3	6.3	-6.1	-1.6	639.7	999.9	99.9	999.9	62.0	112.

* BY SPEED MEANS ELEVATION 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. 311
ATHENS, GA

24 APRIL 1975
1115 GMT

149 32. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	246.0	992.2	14.1	12.7	200.0	2.6	0.9	2.4	289.1	313.1	9.3	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.2	394.2	975.0	15.1	13.3	203.0	14.8	5.8	13.6	291.6	317.3	9.9	89.2	0.3	17.
1.2	10.5	615.0	950.0	15.4	11.8	212.9	16.3	8.9	13.7	294.1	318.3	9.2	78.7	1.0	23.
2.0	12.6	841.3	925.0	14.5	8.4	222.7	13.4	9.1	9.8	295.1	315.3	7.5	67.1	1.7	30.
2.8	15.0	1072.4	900.0	12.9	8.6	229.3	13.8	10.4	9.0	295.8	316.9	7.9	75.5	2.3	35.
3.7	17.3	1309.4	875.0	11.3	8.8	228.2	13.6	10.1	9.1	296.6	318.5	8.2	84.5	3.0	38.
4.5	19.8	1551.2	850.0	9.1	7.9	231.4	16.4	12.8	10.2	296.7	318.0	7.9	92.4	3.7	40.
5.3	22.0	1798.9	825.0	7.8	6.8	236.6	17.2	14.4	9.5	297.9	318.3	7.6	93.3	4.5	43.
6.2	24.6	2052.5	800.0	10.1	-15.6	239.7	14.5	12.5	7.3	302.1	306.6	1.5	15.2	5.3	45.
7.0	27.0	2315.5	775.0	8.5	-6.8	241.0	10.3	9.0	5.0	303.4	312.0	3.0	32.8	6.0	46.
8.1	29.6	2585.5	750.0	5.5	-0.1	241.0	9.5	8.3	4.6	303.2	317.6	5.1	67.2	6.5	48.
9.1	32.2	2862.3	725.0	3.7	-4.0	242.7	10.6	9.4	4.9	304.0	315.4	4.0	57.4	7.1	49.
10.1	35.0	3147.0	700.0	2.8	-5.8	251.1	10.6	10.0	3.4	306.0	316.4	3.5	53.1	7.7	51.
11.1	37.4	3442.1	675.0	3.6	-6.4	269.0	10.1	10.1	0.2	310.1	320.5	3.5	48.0	8.3	52.
12.2	40.3	3747.9	650.0	1.9	-6.1	278.2	9.8	9.7	-1.4	311.6	322.7	3.7	55.3	8.7	56.
13.3	43.0	4063.0	625.0	-0.7	-10.2	270.3	9.7	9.7	-0.0	312.0	320.6	2.8	48.2	9.2	58.
14.5	46.0	4387.7	600.0	-3.5	-10.2	267.2	11.2	11.1	0.5	312.4	321.3	2.9	59.4	9.8	60.
15.6	49.0	4722.4	575.0	-6.2	-20.1	273.9	13.8	13.8	-0.9	312.8	317.1	1.3	32.1	10.6	62.
17.0	51.9	5069.6	550.0	-8.0	-26.4	288.2	16.4	15.6	-5.1	314.6	317.3	0.8	21.1	11.6	67.
18.5	55.0	5428.6	525.0	-11.6	-24.3	286.4	16.3	15.6	-4.6	314.5	317.8	1.0	34.0	12.3	71.
20.0	58.0	5800.2	500.0	-15.1	-24.0	289.9	16.1	15.2	-5.5	314.7	318.2	1.1	46.4	13.9	75.
21.5	61.3	6185.3	475.0	-18.9	-23.9	285.7	17.4	16.8	-4.7	314.7	318.4	1.2	64.6	15.2	78.
23.1	64.6	6586.5	450.0	-19.8	-44.1	286.7	18.0	17.2	-5.2	318.3	318.9	0.2	9.3	16.7	80.
24.7	68.0	7009.3	425.0	-22.6	-45.9	291.1	17.1	16.0	-6.2	320.0	320.5	0.1	9.8	18.2	83.
26.3	71.4	7451.7	400.0	-24.8	-47.4	286.6	20.0	19.2	-5.7	322.7	323.2	0.1	10.0	19.7	85.
28.0	75.2	7918.2	375.0	-27.9	-49.6	284.0	21.2	20.6	-5.1	324.6	325.0	0.1	10.3	21.9	87.
29.9	79.2	8410.4	350.0	-31.6	-52.4	283.9	21.7	21.1	-5.2	326.1	326.4	0.1	10.7	24.4	89.
32.1	83.0	8930.2	325.0	-35.6	-55.3	279.3	25.9	25.5	-4.2	327.5	327.7	0.1	11.1	27.4	90.
34.2	87.0	9482.8	300.0	-39.6	-58.3	284.0	28.8	27.9	-7.0	329.4	329.6	0.0	11.5	30.8	91.
36.3	91.5	10072.0	275.0	-44.3	99.9	286.0	30.6	29.4	-8.4	331.1	999.9	99.9	999.9	34.7	92.
38.7	96.0	10703.4	250.0	-49.5	99.9	285.6	21.0	20.2	-5.6	332.6	999.9	99.9	999.9	38.2	94.
41.2	101.0	11385.8	225.0	-54.5	99.9	296.5	26.2	23.5	-11.7	335.0	999.9	99.9	999.9	41.6	96.
43.8	106.3	12131.1	200.0	-59.5	99.9	305.4	26.1	21.3	-15.1	338.5	999.9	99.9	999.9	45.7	98.
47.0	112.0	12962.1	175.0	-60.1	99.9	283.9	28.1	27.3	-6.7	350.7	999.9	99.9	999.9	51.6	100.
50.3	118.3	13916.8	150.0	-62.1	99.9	282.9	36.9	36.0	-8.3	363.1	999.9	99.9	999.9	58.1	100.
54.8	125.3	15055.8	125.0	-60.3	99.9	279.2	29.7	29.4	-4.7	385.8	999.9	99.9	999.9	65.9	100.
59.5	132.7	16435.2	100.0	-65.2	99.9	281.9	11.8	11.6	-2.4	401.8	999.9	99.9	999.9	71.3	100.
65.5	140.3	18157.5	75.0	-67.6	99.9	275.3	13.6	13.6	-1.2	431.3	999.9	99.9	999.9	76.5	100.
73.7	148.0	20648.0	50.0	-60.8	99.9	343.0	4.3	1.2	-4.1	500.2	999.9	99.9	999.9	80.7	101.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* EY SPEED MEANS ELEVATION 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. 317
GREENSBORO, NC

24 APRIL 1975
1120 GMT

164 25. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP 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	275.0	988.6	16.7	14.5	210.0	4.7	2.3	4.1	292.2	319.7	10.6	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	999.9
0.6	8.2	393.0	975.0	15.7	12.2	221.7	9.0	6.0	6.7	292.2	316.2	9.2	75.8	0.2	37.
1.6	10.7	613.2	950.0	13.3	11.8	228.7	14.2	10.6	9.3	291.9	315.9	9.2	90.2	0.9	44.
2.5	13.2	837.5	925.0	11.7	11.0	234.1	18.8	15.2	11.0	292.5	316.0	9.0	95.4	1.8	47.
3.6	15.7	1066.9	900.0	10.5	9.8	238.2	23.4	19.9	12.3	293.4	315.8	8.5	95.3	3.2	51.
4.7	18.2	1301.7	875.0	10.1	9.2	243.1	24.2	21.5	10.9	295.3	317.6	8.4	94.1	4.7	54.
5.7	20.7	1543.2	850.0	10.0	6.7	243.7	21.3	19.1	9.5	297.6	317.4	7.3	79.2	6.1	57.
6.7	23.3	1791.4	825.0	8.6	6.4	239.9	19.8	17.1	9.9	298.7	318.7	7.4	85.9	7.3	57.
7.6	25.9	2045.9	800.0	7.7	5.6	240.3	14.6	12.7	7.3	300.3	320.0	7.2	86.4	8.3	58.
8.6	28.8	2307.4	775.0	6.3	4.8	247.7	11.3	10.4	4.3	301.5	320.8	7.0	90.0	9.1	58.
9.6	31.7	2576.5	750.0	5.2	4.0	265.6	10.4	10.3	0.8	303.1	322.1	6.8	92.2	9.6	59.
10.7	34.6	2853.1	725.0	3.8	2.0	271.5	10.1	10.1	-0.3	304.5	321.8	6.1	88.1	10.2	61.
11.9	37.3	3138.1	700.0	2.2	-0.8	258.0	12.1	11.9	2.5	305.6	320.3	5.2	80.6	10.9	63.
13.0	40.3	3431.5	675.0	0.7	-2.4	249.2	9.5	8.8	3.4	307.1	320.8	4.8	79.2	11.7	64.
14.1	43.3	3733.6	650.0	-1.5	-6.8	244.4	9.6	8.6	4.1	307.7	318.2	3.6	67.5	12.2	64.
15.2	46.4	4045.4	625.0	-3.0	-13.9	255.3	13.0	12.6	3.3	309.3	315.7	2.1	42.4	13.0	64.
16.3	49.6	4368.0	600.0	-4.6	-18.8	264.2	15.0	14.9	1.5	310.9	315.5	1.4	31.8	13.9	65.
17.4	52.5	4701.4	575.0	-6.9	-26.1	269.5	15.6	15.6	0.1	312.0	315.0	1.0	24.0	14.9	67.
18.7	55.3	5046.4	550.0	-9.7	-38.3	275.2	17.7	17.6	-1.6	312.6	313.5	0.3	7.6	16.0	69.
20.0	59.1	5402.8	525.0	-13.2	-34.1	280.4	18.2	17.9	-3.3	312.5	313.9	0.4	15.4	17.3	71.
21.6	62.7	5772.1	500.0	-16.0	-56.1	285.3	21.0	20.2	-5.5	313.5	313.6	0.0	1.7	18.9	74.
23.2	66.1	6157.3	475.0	-17.2	-60.8	280.5	22.0	21.6	-4.0	316.7	316.8	0.0	1.0	20.7	77.
24.6	69.8	6560.6	450.0	-19.6	-62.4	286.1	20.1	19.3	-5.6	318.6	318.6	0.0	1.0	22.4	79.
26.0	73.3	6983.8	425.0	-21.9	-63.9	288.1	21.9	20.8	-6.8	320.9	321.0	0.0	1.0	23.8	81.
27.3	77.0	7427.0	400.0	-25.3	-66.1	288.9	21.4	20.3	-7.0	322.1	322.1	0.0	1.0	25.5	83.
28.8	81.0	7891.9	375.0	-29.3	-57.2	294.0	20.8	19.0	-8.5	322.7	322.9	0.0	4.8	27.1	85.
30.3	85.1	8380.4	350.0	-32.9	-47.3	293.0	17.7	16.3	-6.9	324.3	324.9	0.1	22.0	28.6	86.
32.0	89.4	8898.8	325.0	-36.3	-47.2	294.5	20.7	18.8	-8.6	326.5	327.2	0.2	31.3	30.6	88.
33.7	94.0	9449.2	300.0	-40.4	99.9	303.2	18.9	15.8	-10.3	328.5	999.9	99.9	999.9	32.0	90.
35.8	98.9	10035.8	275.0	-45.9	99.9	297.0	21.4	19.1	-9.7	328.8	999.7	99.9	999.9	34.2	92.
37.9	103.6	10662.6	250.0	-51.4	99.9	298.7	28.2	24.8	-13.5	329.6	999.9	99.9	999.9	37.2	94.
40.3	109.3	11337.4	225.0	-57.4	99.9	297.7	28.6	25.3	-13.3	330.6	999.9	99.9	999.9	41.0	96.
42.9	115.0	12074.0	200.0	-61.9	99.9	287.2	31.7	30.3	-9.4	334.2	999.9	99.9	999.9	45.5	98.
45.8	121.0	12901.6	175.0	-58.8	99.9	293.7	35.5	32.5	-14.3	352.2	999.9	99.9	999.9	51.2	100.
49.1	127.8	13876.3	150.0	-58.0	99.9	289.3	34.5	32.6	-11.4	370.1	999.9	99.9	999.9	57.5	101.
52.9	135.3	15011.0	125.0	-62.8	99.9	287.8	20.5	19.5	-6.3	381.3	999.9	99.9	999.9	64.1	102.
57.7	142.3	16382.6	100.0	-63.6	99.9	275.0	24.5	24.4	-2.1	404.9	999.9	99.9	999.9	71.8	102.
63.4	150.3	18134.9	75.0	-65.4	99.9	276.9	9.6	9.5	-1.2	435.8	999.9	99.9	999.9	75.6	102.
71.9	159.5	20642.9	50.0	-58.8	99.9	24.2	5.6	-2.3	-5.1	505.1	999.9	99.9	999.9	78.8	103.
84.6	169.0	25077.8	25.0	-51.0	99.9	999.9	99.9	99.9	99.9	638.2	999.9	99.9	999.9	999.9	999.9

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

149

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
1115 GMT

164 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T GG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	993.0	19.0	15.1	210.0	5.2	2.6	4.5	294.2	322.8	10.9	78.0	0.0	C.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	6.7	337.5	975.0	18.3	15.4	999.9	99.9	99.9	99.9	295.1	324.9	99.9	82.9	999.9	99.9
1.1	8.8	560.1	950.0	16.5	15.0	999.9	99.9	99.9	99.9	295.5	325.3	11.4	90.9	999.9	99.9
1.8	10.7	787.4	925.0	14.9	13.9	999.9	99.9	99.9	99.9	296.0	324.7	10.9	93.6	999.9	99.9
2.7	12.7	1019.7	900.0	14.7	13.7	225.2	25.7	18.2	18.1	298.1	327.4	11.0	93.8	3.0	30.
3.6	14.8	1256.9	875.0	14.9	12.7	226.7	25.1	18.3	17.2	300.7	329.4	10.7	86.9	4.4	36.
4.4	16.8	1504.5	850.0	13.6	11.8	225.1	24.3	17.2	17.2	301.8	329.7	10.3	88.9	5.6	38.
5.3	19.1	1755.7	825.0	11.5	9.9	230.5	21.4	16.5	13.6	302.0	327.5	9.4	90.3	6.8	39.
6.2	21.1	2013.1	800.0	10.5	8.2	233.0	19.1	15.2	11.5	303.5	327.1	8.6	85.9	7.9	41.
7.1	23.5	2277.5	775.0	8.7	7.6	234.8	19.4	15.8	11.2	304.3	327.8	8.5	92.9	8.8	43.
8.0	25.8	2546.7	750.0	7.2	5.9	235.8	19.7	16.3	11.1	305.4	327.1	7.8	91.7	9.9	44.
8.9	28.1	2827.4	725.0	5.6	4.2	235.8	19.9	16.4	11.2	306.5	326.8	7.2	91.3	10.9	45.
9.8	30.6	3114.1	700.0	3.6	2.3	238.2	21.1	17.9	11.1	307.3	325.7	6.5	91.4	12.0	46.
10.7	33.1	3402.6	675.0	1.0	-0.3	245.7	22.4	20.4	9.2	307.5	323.4	5.5	90.8	13.2	48.
11.7	35.6	3711.9	650.0	-0.2	-5.6	251.2	26.6	25.2	8.6	309.3	320.8	3.9	67.0	14.4	50.
12.8	38.2	4025.6	625.0	-0.9	-10.5	251.3	29.5	27.9	9.5	311.7	320.1	2.8	48.3	16.2	52.
13.9	40.7	4350.9	600.0	-2.4	-8.4	250.6	26.4	24.9	8.8	313.7	324.0	3.4	63.4	18.1	54.
15.1	43.4	4687.3	575.0	-5.3	-7.8	249.9	25.9	24.3	8.9	314.2	325.4	3.7	82.8	19.8	55.
16.2	46.4	5035.3	550.0	-7.5	-12.0	255.9	24.9	24.1	6.0	315.5	324.1	2.8	70.0	21.5	57.
17.5	49.3	5395.8	525.0	-10.4	-16.4	260.2	25.9	25.5	4.4	316.1	322.5	2.0	61.6	23.3	59.
18.7	52.1	5769.3	500.0	-13.5	-23.3	262.4	28.3	28.1	3.8	316.6	320.4	1.2	43.4	25.1	60.
20.1	55.2	6157.4	475.0	-16.9	-24.4	260.3	31.2	30.8	5.2	317.1	320.8	1.1	51.8	27.4	62.
21.4	58.3	6563.0	450.0	-17.6	-61.1	259.3	28.0	27.5	5.2	321.1	321.2	0.0	1.0	29.8	64.
22.8	61.6	6987.9	425.0	-21.2	-63.4	262.0	25.2	24.9	3.5	321.8	321.8	0.0	1.0	31.8	65.
24.4	65.0	7431.7	400.0	-25.1	-65.9	259.4	26.6	26.2	4.9	322.3	322.4	0.0	1.0	34.2	66.
26.1	68.4	7898.8	375.0	-27.4	-67.5	267.6	26.6	26.6	1.1	325.3	325.3	0.0	1.0	36.8	67.
28.0	72.0	8391.7	350.0	-30.7	-69.6	272.0	27.4	27.4	-1.0	327.3	327.3	0.0	1.0	39.7	69.
30.0	76.0	8913.2	325.0	-35.3	-72.7	271.8	27.3	27.3	-0.3	328.0	328.0	0.0	1.0	42.2	71.
32.0	80.1	9465.4	300.0	-40.4	99.9	273.7	23.5	23.4	-1.5	328.5	999.9	99.9	999.9	44.9	72.
34.1	84.2	10052.2	275.0	-45.3	99.9	272.9	21.8	21.8	-1.1	329.6	999.9	99.9	999.9	48.3	73.
36.6	88.6	10680.6	250.0	-50.9	99.9	272.4	25.5	25.5	-1.1	330.4	999.9	99.9	999.9	52.0	74.
39.3	93.9	11358.3	225.0	-56.3	99.9	282.9	21.2	20.6	-4.7	332.2	999.9	99.9	999.9	54.6	76.
42.2	98.8	12098.1	200.0	-60.8	99.9	277.7	24.3	24.1	-3.3	336.5	999.9	99.9	999.9	58.6	78.
45.4	104.5	12919.6	175.0	-64.6	99.9	275.7	32.5	32.4	-3.2	343.4	999.9	99.9	999.9	63.6	80.
49.0	110.9	13878.3	150.0	-58.0	99.9	265.9	35.5	35.4	2.8	370.2	999.9	99.9	999.9	71.4	80.
53.5	118.0	15029.0	125.0	-59.4	99.9	287.4	28.9	27.6	-8.6	387.5	999.9	99.9	999.9	80.3	82.
58.7	126.7	15402.8	100.0	-65.1	99.9	270.5	27.6*	27.5	-0.3	401.9	999.9	99.9	999.9	87.9	83.
65.2	136.7	18160.8	75.0	-62.5	99.9	278.6	12.6	12.5	-1.9	441.8	999.9	99.9	999.9	92.6	83.
74.2	148.0	20657.1	50.0	-59.1	99.9	287.5	4.3	4.1	-1.3	504.3	999.9	99.9	999.9	96.4	84.
87.3	161.0	25093.5	25.0	-51.0	99.9	67.3	10.5	-9.7	-4.0	638.0	999.9	99.9	999.9	96.8	85.

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

STATION NO. 340
LITTLE ROCK, ARK

24 APRIL 19 5
1145 GMT

163 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1002.7	21.1	17.3	190.0	2.6	0.5	2.6	255.7	328.4	12.5	79.0	0.0	0.
0.1	6.1	102.5	1000.0	21.4	18.2	218.5	10.8	6.7	8.5	296.3	331.1	13.3	82.2	0.2	34.
0.8	8.6	322.3	975.0	20.3	18.6	218.6	21.2	7.0	8.8	297.5	334.0	14.0	89.7	0.4	36.
1.6	11.0	546.5	950.0	17.6	16.5	223.2	17.9	12.3	13.1	296.8	329.7	12.5	93.0	1.1	38.
2.4	13.6	775.1	925.0	16.7	15.4	228.6	23.4	17.5	15.5	298.0	329.7	12.0	92.1	2.1	42.
3.2	16.0	1028.5	900.0	14.8	13.6	232.0	24.4	19.3	15.1	298.3	327.5	11.0	92.4	3.3	45.
4.1	18.7	1248.8	875.0	18.0	4.3	240.2	25.7	22.3	12.8	303.3	320.1	6.0	40.2	4.5	48.
4.8	21.1	1456.6	850.0	17.0	4.4	243.6	27.6	24.7	12.2	304.7	322.2	6.2	43.3	5.8	51.
5.7	23.3	1750.5	825.0	14.8	9.3	243.6	23.6	21.1	10.5	305.4	330.2	9.0	69.8	7.0	54.
6.5	26.4	2010.6	800.0	12.9	9.4	245.1	18.6	16.9	7.8	306.1	332.0	9.4	79.7	8.1	55.
7.4	29.3	2277.2	775.0	11.4	4.4	256.0	16.1	15.6	3.9	307.0	326.2	6.8	62.0	9.0	56.
8.4	32.2	2550.7	750.0	9.8	-0.5	268.6	13.6	13.6	0.3	307.9	322.2	4.9	48.7	9.7	59.
9.2	35.1	2831.4	725.0	8.0	-7.2	275.4	13.5	13.6	-1.3	308.6	318.0	3.1	33.9	10.4	61.
10.3	38.0	3120.0	700.0	5.9	-13.4	280.3	15.7	15.5	-2.8	309.2	315.2	1.9	23.4	11.0	64.
11.4	40.8	3416.6	675.0	4.0	-19.9	275.5	18.6	18.6	-1.8	310.3	314.0	1.2	15.6	12.0	67.
12.5	43.3	3721.8	650.0	1.5	-15.1	265.7	22.7	22.6	1.7	310.9	316.6	1.8	27.8	13.2	69.
13.4	46.9	4037.3	625.0	1.8	-48.9	261.1	24.7	24.4	3.8	314.4	314.7	0.1	1.0	14.5	70.
14.3	50.1	4364.2	600.0	-1.2	-50.7	263.6	24.1	23.9	2.7	314.7	314.9	0.1	1.0	15.9	71.
15.3	53.1	4701.8	575.0	-3.6	-52.2	264.4	22.9	22.8	2.3	315.8	316.0	0.1	1.0	17.3	73.
16.4	56.3	5050.9	550.0	-6.3	-53.9	259.1	25.5	25.0	4.8	316.6	316.8	0.0	1.0	18.8	73.
17.7	59.9	5412.8	525.0	-8.9	-55.6	254.8	29.8	28.7	7.8	317.7	317.8	0.0	1.0	20.9	74.
19.1	63.3	5788.9	500.0	-11.4	-57.1	252.2	30.3	28.9	9.3	319.1	319.3	0.0	1.0	23.6	74.
20.5	66.9	6179.6	475.0	-14.6	-59.2	253.4	30.0	28.7	8.6	319.8	319.9	0.0	1.0	26.0	73.
21.8	70.5	6587.1	450.0	-17.1	-60.8	259.8	28.3	27.9	5.0	321.7	321.7	0.0	1.0	28.4	74.
23.1	74.2	7012.7	425.0	-20.8	-61.9	265.1	26.2	26.1	2.2	322.2	322.3	0.0	1.2	30.4	74.
24.6	78.3	7457.1	400.0	-25.0	-61.5	268.3	29.9	28.9	0.8	322.4	322.5	0.0	1.8	32.6	75.
26.0	82.2	7922.5	375.0	-28.9	-62.1	273.4	28.1	28.1	-1.7	323.3	323.4	0.0	2.4	35.1	76.
27.7	86.4	8412.0	350.0	-32.9	-63.2	273.0	27.4	27.3	-1.4	324.4	324.5	0.0	3.0	37.7	76.
29.5	91.0	8929.1	325.0	-37.0	-64.9	265.0	32.4	32.3	2.8	325.6	325.7	0.0	3.6	40.6	74.
31.5	95.6	9476.0	300.0	-41.3	99.9	267.2	29.2	29.2	1.4	327.2	999.9	99.9	999.9	44.7	79.
33.8	100.5	10062.9	275.0	-45.8	99.9	264.6	30.5	30.3	2.8	328.9	999.9	99.9	999.9	48.3	80.
35.8	105.6	10690.2	250.0	-51.1	99.9	270.0	32.3	32.3	0.0	330.1	999.9	99.9	999.9	52.2	80.
38.2	111.0	11367.4	225.0	-55.5	99.9	265.2	31.8	31.8	0.4	333.5	999.9	99.9	999.9	57.2	81.
40.8	116.9	12111.6	200.0	-59.5	99.9	264.9	39.8	39.6	3.5	338.6	999.9	99.9	999.9	62.8	82.
44.0	123.3	12942.7	175.0	-59.0	99.9	267.3	31.2	31.2	1.5	352.5	999.9	99.9	999.9	69.4	82.
47.4	130.0	13911.5	150.0	-59.1	99.9	256.1	33.1*	32.1	8.0	368.2	999.9	99.9	999.9	75.7	82.
51.5	137.0	15043.1	125.0	-62.1	99.9	265.7	41.5*	41.3	3.5	382.6	999.9	99.9	999.9	84.9	82.
56.4	143.8	16417.8	100.0	-63.7	99.9	259.7	19.8*	19.5	3.5	404.7	999.9	99.9	999.9	93.5	82.
62.6	151.7	18173.7	75.0	-66.3	99.9	329.7	9.0*	4.5	-7.7	434.0	999.9	99.9	999.9	98.0	82.
70.5	158.3	20675.3	50.0	-56.3	99.9	324.0	3.9	2.3	-3.1	510.9	999.9	99.9	999.9	101.4	82.
83.2	165.8	25144.7	25.0	-49.5	99.9	305.5	7.5	6.1	-4.4	642.9	999.9	99.9	999.9	102.9	84.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1115 GMT

154 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	8.2	438.0	957.3	20.6	19.8	200.0	5.6	1.9	5.3	295.5	339.9	15.4	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.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	8.9	504.4	950.0	20.0	17.9	208.1	10.0	4.7	8.8	299.3	335.8	13.8	88.0	0.3	14.
1.1	10.9	734.7	925.0	18.3	17.6	211.5	12.2	6.4	10.4	299.9	336.7	13.9	95.8	0.7	23.
1.9	13.2	970.0	900.0	16.7	16.5	220.2	14.8	9.6	11.3	300.4	335.7	13.3	99.0	1.4	29.
2.7	15.4	1210.6	875.0	15.6	15.4	227.8	16.8	12.4	11.3	301.7	335.9	12.7	98.9	2.1	35.
3.5	17.6	1457.2	850.0	14.9	14.7	235.1	18.1	14.9	10.4	303.4	337.1	12.5	98.7	2.9	39.
4.2	20.0	1710.3	825.0	14.0	13.8	244.3	19.4	17.5	8.4	305.0	339.0	12.1	98.6	3.7	44.
5.0	22.2	1970.8	800.0	13.2	13.0	250.4	18.8	17.7	6.3	306.8	339.5	11.9	98.5	4.5	48.
5.6	24.7	2238.1	775.0	11.7	11.4	247.6	21.5	19.8	8.2	307.8	339.4	11.0	98.3	5.2	52.
6.1	27.0	2512.5	750.0	9.8	9.6	246.6	20.5	18.8	8.1	308.6	336.8	10.1	98.7	5.9	53.
6.7	29.6	2794.4	725.0	7.9	7.7	245.5	19.7	17.9	8.2	309.3	335.1	9.2	98.6	6.5	55.
7.2	32.2	3093.5	700.0	5.3	5.0	245.4	19.2	17.5	8.0	309.4	331.8	7.9	98.0	7.1	56.
7.8	34.9	3380.1	675.0	3.8	3.7	246.9	19.5	18.0	7.7	310.4	332.1	7.4	98.8	7.7	56.
8.3	37.4	3687.3	650.0	2.8	2.6	248.3	20.6	19.2	7.6	313.1	333.8	7.2	98.6	8.3	57.
8.6	40.2	4005.0	625.0	1.3	1.1	248.0	21.5	19.9	8.1	314.8	334.2	6.6	98.4	8.7	58.
9.0	42.9	4332.4	600.0	-2.2	-2.5	246.2	22.3	20.4	9.0	314.3	330.0	5.3	97.9	9.2	58.
9.3	45.8	4671.0	575.0	-3.0	-3.0	244.1	22.6	20.3	9.9	317.1	333.1	5.3	100.7	9.6	59.
9.6	48.9	5022.2	550.0	-5.8	-6.0	242.4	22.9	20.3	10.6	317.8	331.3	4.5	98.5	10.1	59.
9.9	51.6	5385.3	525.0	-7.6	-8.5	241.8	23.5	20.7	11.1	319.7	331.5	3.8	93.5	10.4	59.
10.3	54.8	5766.6	500.0	-7.7	-7.8	242.9	24.2	21.5	11.0	324.2	337.4	4.2	98.9	11.0	59.
10.9	57.8	6158.8	475.0	-16.5	-17.8	246.1	25.4	23.3	10.3	317.8	324.1	2.0	89.7	11.9	59.
11.7	61.1	6562.5	450.0	-23.2	-37.7	251.9	27.9	26.6	8.7	314.0	315.2	0.3	25.4	13.2	60.
12.8	64.7	6980.2	425.0	-23.3	-42.0	260.5	30.8	30.4	5.1	319.1	319.9	0.2	16.4	15.1	62.
13.8	68.0	7421.7	400.0	-25.5	-34.4	263.6	31.4	31.2	3.5	321.9	323.6	0.5	42.8	16.8	65.
15.0	71.6	7887.0	375.0	-28.4	-36.8	259.7	30.7	30.2	5.5	323.9	325.5	0.4	45.6	19.0	67.
16.5	75.5	8377.2	350.0	-32.4	-38.0	259.1	29.1	28.6	5.5	325.1	326.5	0.4	56.9	21.7	68.
18.1	79.5	8898.2	325.0	-34.5	-40.2	269.7	31.1	31.1	0.2	329.1	330.3	0.3	55.5	24.5	70.
19.5	83.6	9452.7	300.0	-38.6	-45.0	273.6	31.0	31.0	-1.9	330.9	331.8	0.2	50.3	26.7	72.
20.7	87.8	10043.6	275.0	-44.1	99.9	282.8	36.3	35.4	-8.0	331.4	999.9	99.9	999.9	28.9	74.
23.3	92.6	10676.4	250.0	-49.5	99.9	285.6	34.3	33.1	-9.2	332.5	999.9	99.9	999.9	34.0	79.
25.5	97.4	11357.8	225.0	-55.6	99.9	281.5	28.5	27.9	-5.7	333.3	999.9	99.9	999.9	37.8	82.
27.8	102.5	12096.0	200.0	-62.4	99.9	279.7	20.9	20.6	-3.5	333.9	999.9	99.9	999.9	40.8	83.
30.0	108.5	12906.6	175.0	-67.9	99.9	269.4	29.2	29.2	0.3	337.9	999.9	99.9	999.9	44.1	84.
33.6	115.0	13851.1	150.0	-60.1	99.9	244.8	31.6	28.6	13.5	360.5	999.9	99.9	999.9	50.3	83.
37.6	122.0	14982.6	125.0	-61.8	99.9	259.7	30.7	30.2	5.5	383.1	999.9	99.9	999.9	58.9	81.
42.9	130.0	16372.3	100.0	-60.7	99.9	263.9	30.3	30.1	3.2	410.5	999.9	99.9	999.9	68.9	81.
48.4	138.7	18139.3	75.0	-67.0	99.9	270.4	11.8	11.8	-0.1	432.6	999.9	99.9	999.9	72.0	83.
57.8	148.0	20642.9	50.0	-59.8	99.9	300.2	7.1	6.1	-3.6	502.6	999.9	99.9	999.9	76.1	82.
71.6	157.7	25052.1	25.0	-54.9	99.9	304.7	3.5	2.9	-2.0	627.1	999.9	99.9	999.9	78.7	84.

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

STATION NO. 363
AMARILLO, TEX

24 APRIL 1975
1115 GMT

142 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT T DG K	E POT T DG K	MX PTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	1095.0	884.2	10.4	-4.8	310.0	3.1	2.4	-2.0	294.1	302.6	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.
0.4	15.4	1184.0	875.0	17.2	0.0	999.9	99.9	99.9	99.9	302.3	315.1	4.5	32.7	999.9	999.
1.5	17.5	1431.8	850.0	18.6	-5.0	999.9	99.9	99.9	99.9	306.1	315.3	3.1	19.7	999.9	999.
2.5	19.9	1687.1	825.0	17.7	-5.7	285.2	7.9	7.6	-2.1	307.8	316.8	3.0	19.7	1.1	122.
3.3	22.0	1948.9	800.0	16.0	-7.0	280.5	7.9	7.8	-1.5	308.6	317.0	2.8	19.8	1.5	118.
4.5	24.5	2217.3	775.0	14.2	-8.5	262.0	10.0	9.9	1.4	309.4	317.3	2.6	19.9	2.0	110.
5.5	26.7	2492.6	750.0	11.9	-10.3	260.4	14.2	14.0	2.4	309.8	316.9	2.3	20.1	2.7	102.
6.6	29.2	2774.7	725.0	9.4	-12.1	256.9	14.4	14.0	3.2	310.0	316.4	2.1	20.5	3.5	96.
7.5	31.8	3064.0	700.0	6.7	-13.2	253.0	14.2	13.6	4.1	310.1	316.2	2.0	22.6	4.4	92.
8.9	34.4	3360.9	675.0	4.0	-15.1	244.3	15.8	14.3	6.9	310.3	315.8	1.8	23.3	5.3	88.
9.9	36.9	3666.2	650.0	1.8	-16.1	242.9	18.3	16.3	8.3	311.2	316.4	1.7	24.9	6.4	83.
11.1	39.7	3980.7	625.0	-1.1	-17.3	248.3	18.3	17.0	6.7	311.4	316.3	1.6	27.9	7.7	80.
12.4	42.2	4304.7	600.0	-3.2	-23.5	248.5	19.8	18.5	7.3	312.5	315.6	1.0	19.0	9.2	79.
13.7	45.1	4640.6	575.0	-5.0	-25.1	245.3	21.6	19.6	9.0	314.2	317.0	0.9	18.7	10.8	77.
15.0	48.1	4988.0	550.0	-8.0	-27.5	249.2	22.1	20.7	7.9	314.6	317.0	0.7	19.0	12.4	75.
16.2	50.9	5347.2	525.0	-11.1	-30.0	247.2	19.8	18.2	7.7	315.1	317.1	0.6	19.2	13.9	75.
17.5	54.1	5719.4	500.0	-14.0	-33.1	245.4	19.1	17.4	8.0	316.0	317.6	0.5	18.0	15.4	74.
19.2	57.1	6107.8	475.0	-15.8	-34.4	242.8	22.0	19.6	10.1	318.5	319.9	0.4	18.3	17.3	73.
20.7	60.4	6513.0	450.0	-18.8	-35.1	247.1	25.1	23.1	9.9	319.7	321.1	0.4	21.9	19.6	72.
22.5	64.0	6935.8	425.0	-22.8	-37.6	247.0	28.6	26.3	11.2	319.8	321.0	0.3	24.2	22.4	71.
24.2	67.3	7378.0	400.0	-26.0	-37.5	251.0	31.9	30.1	10.4	321.2	322.5	0.4	32.9	25.5	71.
25.9	70.9	7841.6	375.0	-30.0	-36.2	252.1	32.6	31.0	10.0	321.9	323.8	0.5	54.2	29.3	71.
27.9	74.7	8329.6	350.0	-33.3	-38.2	254.1	32.4	31.1	8.9	323.9	325.3	0.4	60.7	32.8	71.
29.9	78.9	8846.0	325.0	-37.2	-44.6	253.3	33.6	32.2	9.6	325.3	326.2	0.2	45.7	37.2	71.
32.1	82.8	9393.4	300.0	-42.1	99.9	253.9	28.7	27.6	8.0	326.1	999.9	99.9	999.9	41.9	72.
34.5	87.2	9976.4	275.0	-46.8	99.9	258.2	38.6	37.8	7.9	327.4	999.9	99.9	999.9	47.4	72.
37.2	92.0	10602.3	250.0	-51.5	99.9	258.9	41.7*	40.9	8.0	329.6	999.9	99.9	999.9	52.4	73.
39.7	97.0	11281.0	225.0	-55.8	99.9	260.2	27.7*	27.3	4.7	333.0	999.9	99.9	999.9	57.4	73.
42.5	102.4	12023.3	200.0	-60.4	99.9	263.9	44.2*	44.0	4.7	337.1	999.9	99.9	999.9	63.0	74.
45.4	108.5	12850.8	175.0	-62.0	99.9	257.3	33.7*	32.9	7.4	347.6	999.9	99.9	999.9	70.2	75.
48.8	114.8	13815.0	150.0	-59.5	99.9	260.8	23.4*	23.1	3.7	367.6	999.9	99.9	999.9	75.6	75.
53.3	122.3	14946.0	125.0	-64.0	99.9	246.3	23.5*	21.5	9.4	379.1	999.9	99.9	999.9	81.2	75.
58.8	130.7	16310.2	100.0	-62.7	99.9	253.1	33.0*	31.6	9.6	406.6	999.9	99.9	999.9	91.8	75.
65.5	140.0	18090.9	75.0	-62.9	99.9	244.7	9.0*	8.1	3.8	441.0	999.9	99.9	999.9	99.8	75.
75.0	151.0	20619.1	50.0	-57.3	99.9	252.8	15.9*	15.2	4.7	508.4	999.9	99.9	999.9	108.5	75.
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. 402
WALLOPS ISLAND, VA

24 APRIL 1975
1100 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	4.0	1018.3	13.9	11.4	999.9	99.9	99.9	99.9	286.7	308.1	8.4	85.0	999.9	999.
0.5	5.6	158.9	1000.0	17.7	13.3	999.9	99.9	99.9	99.9	292.1	317.3	9.7	75.6	999.9	999.
1.3	7.6	375.5	975.0	16.5	12.1	999.9	99.9	99.9	99.9	293.0	316.9	9.1	74.9	999.9	999.
1.9	9.8	596.4	950.0	14.7	11.4	999.9	99.9	99.9	99.9	293.3	316.9	9.0	80.4	999.9	999.
2.5	11.7	822.1	925.0	14.0	10.2	999.9	99.9	99.9	99.9	294.8	317.4	8.5	77.6	999.9	999.
3.4	13.9	1053.5	900.0	13.8	10.1	999.9	99.9	99.9	99.9	296.9	320.1	8.7	78.5	999.9	999.
4.2	16.0	1291.1	875.0	13.0	10.1	999.9	99.9	99.9	99.9	298.5	322.4	8.9	82.1	999.9	999.
5.1	18.3	1535.0	850.0	11.9	7.5	999.9	99.9	99.9	99.9	299.6	320.6	7.7	74.6	999.9	999.
5.9	20.5	1784.6	825.0	9.8	6.8	999.9	99.9	99.9	99.9	300.0	320.7	7.6	81.7	999.9	999.
6.8	22.7	2039.7	800.0	7.6	6.4	999.9	99.9	99.9	99.9	300.2	321.0	7.6	92.5	999.9	999.
7.6	25.1	2301.0	775.0	5.7	4.8	999.9	99.9	99.9	99.9	300.9	320.1	7.0	93.4	999.9	999.
8.5	27.4	2569.3	750.0	4.2	3.1	999.9	99.9	99.9	99.9	302.0	319.8	6.4	92.2	999.9	999.
9.4	30.0	2844.8	725.0	2.6	1.4	999.9	99.9	99.9	99.9	303.1	319.5	5.9	92.0	999.9	999.
10.3	32.6	3128.1	700.0	0.4	-0.7	999.9	99.9	99.9	99.9	303.5	318.3	5.2	92.4	999.9	999.
11.3	35.2	3419.5	675.0	-1.3	-2.4	999.9	99.9	99.9	99.9	304.8	318.4	4.8	91.9	999.9	999.
12.4	37.7	3719.7	650.0	-3.4	-4.5	999.9	99.9	99.9	99.9	305.7	317.9	4.2	92.3	999.9	999.
13.4	40.3	4029.7	625.0	-4.8	-5.8	999.9	99.9	99.9	99.9	307.5	319.1	4.0	92.4	999.9	999.
14.5	42.9	4349.7	600.0	-6.8	-11.4	999.9	99.9	99.9	99.9	308.5	316.6	2.7	70.3	999.9	999.
15.4	45.8	4680.9	575.0	-8.7	-16.4	999.9	99.9	99.9	99.9	310.0	315.7	1.8	53.8	999.9	999.
16.6	48.8	5022.2	550.0	-12.9	-51.5	999.9	99.9	99.9	99.9	308.8	309.0	0.1	2.3	999.9	999.
17.7	51.6	5376.2	525.0	-13.9	-41.7	999.9	99.9	99.9	99.9	311.7	312.4	0.2	7.4	999.9	999.
19.0	54.9	5743.6	500.0	-15.5	-46.6	999.9	99.9	99.9	99.9	314.1	314.5	0.1	4.9	999.9	999.
20.3	57.9	6131.3	475.0	-17.4	-47.7	999.9	99.9	99.9	99.9	316.3	316.7	0.1	5.1	999.9	999.
21.7	61.3	6533.8	450.0	-20.5	-55.5	999.9	99.9	99.9	99.9	317.4	317.6	0.0	3.0	999.9	999.
21.1	64.9	6955.7	425.0	-22.1	-50.3	999.9	99.9	99.9	99.9	320.6	320.9	0.1	6.5	999.9	999.
24.6	68.2	7398.5	400.0	-25.2	-42.3	999.9	99.9	99.9	99.9	322.2	323.0	0.2	18.4	999.9	999.
26.0	71.8	7853.7	375.0	-28.9	-50.6	999.9	99.9	99.9	99.9	323.3	323.7	0.1	10.2	999.9	999.
27.5	75.8	8353.0	350.0	-33.2	-53.9	999.9	99.9	99.9	99.9	324.0	324.2	0.1	10.3	999.9	999.
29.3	80.0	8869.1	325.0	-37.3	-55.5	999.9	99.9	99.9	99.9	325.2	325.4	0.1	12.8	999.9	999.
31.1	84.2	9418.5	300.0	-40.7		999.9	99.9	99.9	99.9	328.0	999.9	99.9	999.9	999.9	999.
33.0	88.2	10004.4	275.0	-45.9		999.9	99.9	99.9	99.9	328.8	999.9	99.9	999.9	999.9	999.
35.3	93.6	10631.4	250.0	-51.0		999.9	99.9	99.9	99.9	330.3	999.9	99.9	999.9	999.9	999.
37.5	98.5	11310.4	225.0	-55.2		999.9	99.9	99.9	99.9	334.0	999.9	99.9	999.9	999.9	999.
40.1	104.0	12052.7	200.0	-60.4		999.9	99.9	99.9	99.9	337.1	999.9	99.9	999.9	999.9	999.
42.6	110.2	12874.9	175.0	-66.0		999.9	99.9	99.9	99.9	341.1	999.9	99.9	999.9	999.9	999.
45.6	116.3	13816.2	150.0	-59.7		999.9	99.9	99.9	99.9	367.2	9.0.9	99.9	999.9	999.9	999.
50.0	123.8	14965.6	125.0	-57.4		999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
54.9	131.7	16364.4	100.0	-61.1		999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.
60.7	140.0	18128.5	75.0	-63.8		999.9	99.9	99.9	99.9	439.1	999.9	99.9	999.9	999.9	999.
68.7	149.0	20646.2	50.0	-57.6		999.9	99.9	99.9	99.9	507.8	999.9	99.9	999.9	999.9	999.
79.9	158.0	25083.7	25.0	-52.2		999.9	99.9	99.9	99.9	634.6	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

STATION NO. 405
STERLING, VA

24 APRIL 1975
1115 GMT

165 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	85.0	1004.6	16.7	12.3	200.0	6.7	2.3	6.3	290.7	314.0	9.0	75.0	0.0	0.
0.3	5.8	124.3	1000.0	17.7	12.0	202.2	13.4	5.1	12.4	292.0	315.2	8.9	69.5	0.1	30.
1.3	8.3	340.9	975.0	16.7	11.3	214.3	16.3	9.2	13.5	293.1	316.0	8.7	70.5	0.9	30.
2.1	10.7	562.4	950.0	16.6	9.7	224.5	15.9	11.1	11.3	295.1	316.4	8.0	63.9	1.8	35.
3.0	13.0	789.4	925.0	15.8	8.2	236.1	13.8	11.5	7.7	296.5	316.4	7.4	60.3	2.5	39.
3.9	15.4	1022.0	900.0	14.2	7.1	255.6	12.7	12.3	3.2	297.1	316.2	7.1	62.3	3.2	45.
4.9	17.9	1259.6	875.0	13.2	7.1	269.6	13.2	13.2	0.1	298.5	316.2	7.3	66.4	3.8	52.
5.9	20.3	1503.1	850.0	11.4	7.1	275.2	16.6	16.6	-1.5	299.1	319.4	7.5	74.4	4.5	60.
6.8	22.9	1752.2	825.0	10.1	6.7	278.2	18.3	18.1	-2.6	300.2	320.8	7.5	79.6	5.3	66.
7.8	25.3	2007.8	800.0	8.0	4.8	275.6	14.8	14.8	-1.4	300.6	319.3	6.8	80.1	6.1	71.
8.8	27.9	2269.3	775.0	6.4	2.4	262.1	15.1	15.0	2.1	301.4	317.8	5.9	75.7	6.9	73.
9.8	30.7	2537.8	750.0	4.4	-1.0	255.7	14.3	13.8	3.5	302.0	315.5	4.8	67.9	7.9	73.
10.7	33.4	2813.4	725.0	2.7	0.0	257.3	14.9	14.6	3.3	303.1	318.0	5.3	82.7	8.7	74.
11.7	36.0	3096.4	700.0	0.3	-0.9	261.3	15.2	15.0	2.3	303.5	318.0	5.1	91.2	9.6	74.
12.8	38.9	3387.7	675.0	-1.6	-3.4	265.0	16.5	16.4	1.4	304.4	317.1	4.4	87.9	10.5	75.
13.7	41.6	3687.6	650.0	-3.6	-4.8	265.2	18.5	18.4	1.5	305.4	317.4	4.1	91.3	11.5	76.
14.6	44.5	3997.2	625.0	-4.4	-6.1	264.0	18.3	18.2	1.9	307.8	317.6	3.3	76.0	12.6	77.
15.7	47.5	4318.5	600.0	-5.7	-23.0	259.8	18.0	17.7	3.2	309.7	312.9	1.0	23.8	13.7	77.
16.7	50.5	4650.8	575.0	-7.8	-27.4	256.1	19.9	19.3	4.8	310.9	313.2	0.7	19.0	14.8	77.
17.9	53.6	4994.9	550.0	-10.4	-27.6	257.0	20.8	20.3	4.7	311.8	314.2	0.7	22.7	16.4	77.
19.1	56.6	5351.6	525.0	-12.3	-28.0	261.1	19.9	19.7	3.1	313.7	316.1	0.7	25.5	17.9	77.
20.5	60.0	5722.3	500.0	-15.1	-27.7	268.7	22.3	22.3	0.5	314.7	317.3	0.8	32.8	19.4	78.
21.7	63.4	6108.0	475.0	-17.5	-28.4	277.4	22.2	22.0	-2.9	316.3	318.9	0.8	38.2	21.1	79.
22.9	66.6	6511.8	450.0	-19.1	-26.0	288.8	22.4	21.2	-7.2	319.4	322.7	1.0	54.1	22.6	81.
24.3	70.3	6934.5	425.0	-22.3	-31.9	283.6	21.8	21.2	-5.1	320.5	322.6	0.6	41.0	24.2	83.
25.7	73.9	7376.9	400.0	-25.6	-36.3	288.2	20.6	19.6	-6.4	321.7	323.2	0.4	35.8	25.9	84.
27.3	77.7	7842.1	375.0	-29.3	-44.5	291.6	20.0	18.6	-7.4	322.7	323.4	0.2	21.2	27.5	86.
28.7	81.5	8330.6	350.0	-33.6	-46.4	288.0	22.2	21.1	-6.9	323.4	324.0	0.2	25.9	29.2	87.
30.9	85.6	8845.5	325.0	-38.5	-50.3	284.7	24.0	23.3	-6.1	323.6	324.0	0.1	27.1	31.3	89.
32.2	90.0	9390.2	300.0	-43.2	99.9	282.1	28.4	27.8	-6.0	324.5	999.9	99.9	999.9	34.3	90.
34.1	94.7	9969.6	275.0	-48.6	99.9	289.3	29.0	27.3	-9.6	324.8	999.9	99.9	999.9	37.2	91.
36.0	99.3	10589.0	250.0	-54.1	99.9	292.8	38.5	35.5	-14.9	325.6	999.9	99.9	999.9	40.7	93.
37.8	104.3	11260.0	225.0	-55.2	99.9	397.4	23.9	21.2	-11.0	333.9	999.9	99.9	999.9	44.5	95.
39.9	110.0	12003.7	200.0	-60.4	99.9	287.9	20.8	19.8	-6.4	337.1	999.9	99.9	999.9	47.0	96.
42.6	115.8	12823.0	175.0	-66.4	99.9	290.0	25.8	24.2	-8.8	340.3	999.9	99.9	999.9	51.0	97.
45.5	122.3	13762.0	150.0	-58.6	99.9	286.1	33.8	32.1	-10.5	369.1	999.9	99.9	999.9	55.8	98.
49.3	129.7	14917.1	125.0	-57.7	99.9	292.9	26.2	24.2	-10.2	390.5	999.9	99.9	999.9	62.1	99.
53.9	137.3	16326.0	100.0	-60.3	99.9	312.3	11.3	8.4	-7.6	411.2	999.9	99.9	999.9	69.3	100.
59.4	145.3	18098.6	75.0	-64.8	99.9	286.1	18.7	17.9	-5.2	437.1	999.9	99.9	999.9	73.1	101.
67.4	154.3	20626.4	50.0	-58.4	99.9	336.3	3.4	1.4	-3.1	506.0	999.9	99.9	999.9	77.0	103.
80.2	164.0	25064.1	25.0	-51.3	99.9	39.5	2.8	-1.8	-2.2	637.3	999.9	99.9	999.9	78.2	104.

* BY SPEED MEANS ELEVATION 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. 425
HUNTINGTON, WVA

24 APRIL 1975
1115 GMT

137 65. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/3LC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	246.0	983.1	17.2	11.7	180.0	3.2	0.0	3.2	292.9	316.1	8.8	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	8.5	316.9	975.0	17.3	11.2	205.9	16.1	7.0	14.5	293.7	316.5	8.6	67.4	0.3	14.
0.9	10.6	539.3	950.0	17.2	11.2	211.7	17.4	9.1	14.8	295.8	319.3	8.8	67.8	0.7	22.
1.7	12.9	766.6	925.0	15.8	10.7	223.5	23.6	16.2	17.1	296.6	320.1	8.8	71.8	1.7	31.
2.5	15.1	959.4	900.0	14.8	11.2	234.4	26.5	21.6	15.5	298.0	323.0	9.3	78.9	2.9	38.
3.3	17.3	1237.8	875.0	13.4	10.8	242.5	25.5	22.6	11.8	299.0	324.2	9.4	84.2	4.0	45.
4.1	19.8	1481.7	850.0	11.6	10.2	249.5	23.0	21.6	8.1	299.6	324.5	9.2	90.8	5.2	49.
4.9	22.1	1731.5	825.0	10.3	9.0	255.3	21.3	20.6	5.4	300.7	324.5	8.7	91.1	6.1	54.
5.7	24.5	1987.8	800.0	8.6	7.4	252.8	22.6	21.6	6.7	301.4	323.7	8.1	92.2	7.1	56.
6.5	26.8	2250.2	775.0	7.0	6.0	256.3	21.4	20.8	5.1	302.4	323.4	7.6	93.5	8.1	59.
7.4	29.3	2519.5	750.0	4.9	4.0	257.3	20.5	20.0	4.5	302.8	321.9	6.8	93.8	9.2	61.
8.4	32.3	2796.0	725.0	3.6	1.6	258.7	20.2	19.8	3.9	304.2	321.0	6.0	87.0	10.3	63.
9.3	34.6	3080.5	700.0	1.8	-0.5	257.1	21.3	20.7	4.7	305.1	320.2	5.3	84.8	11.4	64.
10.3	37.0	3373.1	675.0	-0.2	-0.6	255.6	21.2	20.5	5.3	306.1	321.7	5.4	97.3	12.7	66.
11.2	39.9	3674.5	650.0	-2.3	-2.8	253.0	20.3	19.4	5.9	306.9	320.8	4.8	96.4	13.9	68.
12.4	42.4	3985.7	625.0	-3.9	-4.4	249.6	20.0	18.8	7.0	308.6	321.5	4.4	96.1	15.2	67.
13.3	45.1	4307.3	600.0	-5.9	-6.9	248.3	21.3	19.8	7.9	309.8	321.1	3.8	92.2	16.3	67.
14.4	48.3	4638.6	575.0	-9.4	-20.4	250.4	21.9	20.6	7.3	309.1	313.2	1.3	40.2	17.7	67.
15.5	51.0	4980.6	550.0	-11.4	-23.3	253.9	23.6	22.6	6.5	310.6	314.1	1.1	36.6	19.3	67.
16.7	54.1	5336.1	525.0	-13.6	-19.8	260.8	27.2	26.8	4.3	312.2	317.0	1.5	59.2	21.1	68.
17.8	57.0	5706.5	500.0	-14.8	-17.8	271.7	24.7	24.7	-0.7	315.2	321.1	1.9	77.6	22.8	69.
19.0	60.3	6093.7	475.0	-16.9	-20.8	281.2	23.3	22.9	-4.5	317.2	322.1	1.5	71.4	24.3	71.
20.5	63.7	6497.7	450.0	-19.6	-23.9	280.5	24.3	23.9	-4.4	318.7	322.7	1.2	68.3	26.0	74.
21.7	66.9	6920.2	425.0	-22.3	-28.9	284.1	23.9	23.1	-5.8	320.5	323.3	0.8	54.7	27.7	75.
23.1	70.4	7363.4	400.0	-25.4	-32.5	291.2	21.7	20.2	-7.9	322.0	324.2	0.6	51.3	29.3	78.
24.5	73.9	7828.4	375.0	-29.0	-37.4	289.3	20.2	19.1	-6.7	323.2	324.6	0.4	43.6	30.8	79.
26.2	77.7	8318.2	350.0	-32.7	-43.4	279.5	22.5	22.2	-3.7	324.6	325.4	0.2	33.1	32.7	81.
27.9	81.5	8835.8	325.0	-36.9	-49.3	276.1	24.2	24.1	-2.6	325.7	326.2	0.1	25.9	35.1	82.
29.6	85.6	9384.0	300.0	-41.7	99.9	277.1	27.3	27.1	-3.4	326.6	999.9	99.9	99.9	37.7	83.
31.6	89.9	9967.7	275.0	-46.4	99.9	280.6	28.8	28.3	-5.3	328.1	999.9	99.9	99.9	40.9	84.
33.8	94.6	10593.7	250.0	-51.5	99.9	292.8	35.3	32.5	-13.7	329.5	999.9	99.9	99.9	44.6	86.
36.2	99.4	11269.6	225.0	-56.5	99.9	280.3	39.8	39.1	-7.1	331.9	999.9	99.9	99.9	49.5	89.
38.6	104.5	12006.4	200.0	-62.0	99.9	280.9	37.9	37.3	-7.2	334.5	999.9	99.9	99.9	54.8	90.
41.0	110.3	12826.7	175.0	-64.5	99.9	281.6	38.6	37.8	-7.8	343.6	999.9	99.9	99.9	59.4	91.
43.6	116.3	13782.0	150.0	-59.5	99.9	284.6	29.4	28.5	-7.4	367.7	999.9	99.9	99.9	65.9	92.
47.0	123.5	14933.1	125.0	-59.6	99.9	271.0	25.0	25.0	-0.5	387.1	999.9	99.9	99.9	70.7	92.
50.9	131.0	16323.2	100.0	-60.4	99.9	272.8	26.1	26.0	-1.3	411.1	999.9	99.9	99.9	77.2	93.
56.2	139.7	18105.1	75.0	-63.5	99.9	279.3	9.0	8.8	-1.5	439.8	999.9	99.9	99.9	79.7	93.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

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

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
1115 GMT

148 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEF PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	298.0	974.1	14.4	13.8	190.0	3.2	0.6	3.2	291.1	317.5	10.2	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	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	510.6	950.0	14.6	13.3	222.5	13.5	9.1	9.9	243.3	319.9	10.2	92.1	0.4	30.
1.5	12.2	736.6	925.0	14.3	12.1	233.5	17.1	13.8	10.2	245.2	320.8	9.7	87.4	1.1	42.
2.2	14.3	969.3	900.0	15.2	7.9	241.7	16.6	14.6	7.9	248.1	318.4	7.5	61.8	1.9	48.
3.0	16.7	1207.3	875.0	13.1	6.3	252.9	15.1	14.5	4.5	248.3	317.5	6.9	63.7	2.6	54.
3.9	19.1	1450.4	850.0	11.0	6.1	263.0	15.6	15.5	1.9	248.6	317.7	7.0	71.9	3.4	60.
4.8	21.4	1699.1	825.0	9.6	3.2	272.1	15.0	15.0	-0.5	249.6	315.8	5.9	64.4	4.1	66.
5.8	23.9	1954.9	800.0	10.0	-2.6	264.1	15.7	15.6	1.6	302.3	313.7	4.0	41.2	4.9	69.
6.7	26.2	2218.3	775.0	8.8	-5.7	262.3	18.7	18.6	2.5	303.6	313.1	3.2	35.5	5.8	71.
7.4	28.9	2488.8	750.0	7.2	-7.4	261.3	21.4	21.1	3.2	304.8	313.4	2.9	34.4	6.7	73.
8.4	31.4	2767.0	725.0	5.9	-6.8	256.2	23.2	22.5	5.5	306.4	315.8	3.2	39.4	8.0	74.
9.2	34.1	3053.6	700.0	4.2	-5.1	253.9	23.2	22.3	6.4	307.7	318.7	3.7	50.6	9.2	74.
10.1	36.6	3348.6	675.0	2.4	-9.7	255.5	22.3	21.6	5.6	308.6	316.9	2.7	40.7	10.5	74.
11.1	39.3	3652.5	650.0	0.1	-13.3	259.4	19.8	19.4	3.6	309.4	315.9	2.1	35.6	11.7	74.
12.1	41.9	3965.4	625.0	-2.2	-13.3	267.5	17.7	17.7	0.8	310.1	316.9	2.2	42.4	12.8	75.
13.2	44.8	4288.2	600.0	-4.9	-12.6	274.3	18.4	18.3	-1.4	310.7	318.1	2.4	55.3	13.9	77.
14.4	47.8	4622.2	575.0	-6.6	-7.9	270.1	20.7	20.7	-0.0	312.7	323.7	3.7	90.5	15.1	78.
15.4	50.7	4968.8	550.0	-8.6	-9.9	266.1	24.4	24.3	1.6	314.3	324.3	3.3	90.1	16.6	79.
16.4	53.6	5328.5	525.0	-10.8	-12.1	264.2	25.6	25.4	2.6	315.8	324.6	2.9	89.8	18.1	79.
17.5	56.6	5702.1	500.0	-13.4	-14.8	262.4	28.0	27.7	3.7	317.0	324.5	2.4	88.8	19.8	80.
18.6	59.9	6090.5	475.0	-16.2	-18.0	262.9	21.5	21.3	2.7	318.1	324.3	1.9	85.8	21.6	80.
20.0	63.3	6495.8	450.0	-19.0	-20.9	262.3	22.1	21.9	3.0	319.5	324.7	1.6	84.8	23.2	80.
21.3	66.4	6919.2	425.0	-21.9	-24.2	260.8	21.2	20.9	3.4	321.0	325.2	1.3	81.8	25.0	80.
22.7	70.0	7362.1	400.0	-25.6	-28.3	267.0	20.7	20.7	1.1	321.8	324.9	0.9	77.8	26.7	80.
24.3	73.6	7827.4	375.0	-29.0	-33.7	269.6	27.4	27.4	0.2	323.2	325.3	0.6	63.9	29.0	81.
25.8	77.3	8317.4	350.0	-32.7	-39.3	273.9	28.4	28.4	-1.9	324.7	326.0	0.4	51.1	31.6	82.
27.6	81.2	8834.5	325.0	-37.0	-43.7	272.7	33.6	33.6	-1.6	325.6	326.5	0.2	49.6	34.6	83.
29.2	85.3	9383.0	300.0	-41.8	-49.9	271.9	36.3	36.3	-1.2	326.4	999.9	99.9	999.9	38.3	84.
31.0	89.5	9966.7	275.0	-46.6	-59.9	269.7	40.6	40.6	0.2	327.7	999.9	99.9	999.9	42.1	84.
33.0	94.2	10591.3	250.0	-52.2	-69.9	267.6	43.1	43.1	1.8	328.5	999.9	99.9	999.9	47.2	85.
35.2	99.0	11244.8	225.0	-58.0	-79.9	265.6	49.7	49.6	3.8	329.6	999.9	99.9	999.9	53.3	85.
37.5	104.0	11996.3	200.0	-63.9	-89.9	264.0	50.0	49.7	5.2	331.5	999.9	99.9	999.9	60.3	85.
40.0	109.8	12815.7	175.0	-63.7	-99.9	263.9	29.4	28.6	-7.1	344.9	999.9	99.9	999.9	66.2	86.
43.0	115.6	13769.3	150.0	-59.4	-99.9	275.4	30.6	30.5	-2.9	367.8	999.9	99.9	999.9	71.1	87.
47.0	122.7	14920.4	125.0	-56.9	-99.9	271.3	24.6	24.6	-0.6	391.9	999.9	99.9	999.9	77.7	87.
51.6	130.3	16327.7	100.0	-58.9	-99.9	269.0	29.6	29.6	0.5	414.0	999.9	99.9	999.9	84.1	88.
57.0	138.7	18111.0	75.0	-64.1	-99.9	272.1	9.8	9.8	-0.4	438.5	999.9	99.9	999.9	88.3	88.
64.4	147.5	20641.9	50.0	-58.9	-99.9	301.2	1.4	1.2	-0.7	504.8	999.9	99.9	999.9	90.8	88.
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. 433
SALEM, ILL

24 APRIL 1975
1204 GMT

138 66, 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW 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	175.0	988.0	14.4	14.4	160.0	3.6	-1.2	3.4	289.9	316.9	10.5	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	6.8	287.5	975.0	15.0	13.2	89.9	9.8	-9.8	-0.0	291.6	317.2	9.9	88.8	0.2	359.
1.0	8.9	502.3	950.0	15.8	10.8	84.6	7.7	-7.7	-0.7	294.4	317.2	8.6	72.2	0.3	299.
1.7	10.9	735.1	925.0	15.1	9.6	43.5	4.0	-2.7	-2.9	295.8	317.7	8.2	69.8	0.5	240.
2.4	13.2	967.2	900.0	14.2	8.6	354.3	6.8	0.7	-6.7	297.2	318.2	7.8	68.7	0.5	259.
3.1	15.4	1205.2	875.0	13.3	6.8	349.1	11.7	2.2	-11.5	298.5	317.9	7.1	64.9	0.7	216.
3.9	17.5	1448.8	850.0	12.0	5.4	354.2	13.1	1.3	-13.0	299.6	317.9	6.6	63.8	1.1	198.
4.7	19.9	1699.3	825.0	10.3	4.3	348.6	12.5	2.5	-12.3	300.0	317.4	6.3	67.4	1.7	189.
5.4	22.1	1953.7	800.0	8.4	4.6	332.3	9.3	4.3	-8.2	300.9	319.4	6.7	77.2	2.2	183.
6.2	24.6	2215.8	775.0	6.7	6.2	285.5	8.0	7.7	-2.2	302.1	323.4	7.7	96.7	2.5	177.
7.0	26.9	2485.0	750.0	5.5	5.2	259.0	12.8	12.6	2.4	303.5	324.1	7.4	97.7	2.5	164.
8.2	29.4	2762.2	725.0	4.1	3.5	255.3	17.8	17.2	4.5	304.8	324.0	6.8	96.1	2.7	141.
9.2	32.0	3047.4	700.0	2.6	2.1	253.9	20.7	19.8	5.7	306.2	324.4	6.4	96.5	3.4	122.
10.1	34.7	3341.5	675.0	1.0	0.6	249.3	22.4	20.9	7.9	307.5	324.5	6.0	97.3	4.2	110.
11.2	37.2	3644.7	650.0	-0.3	-0.6	247.1	24.9	23.0	9.7	309.4	325.7	5.6	97.5	5.4	99.
12.1	39.9	3958.1	625.0	-2.0	-2.4	246.9	26.5	24.4	10.4	310.8	325.8	5.1	96.6	6.7	93.
13.1	42.6	4281.6	600.0	-4.8	-9.8	246.8	28.5	26.2	11.2	311.0	320.1	3.0	67.8	8.2	88.
14.1	45.5	4615.3	575.0	-7.1	-14.0	245.5	28.9	26.3	12.0	311.9	318.9	2.3	57.9	10.0	84.
15.2	48.4	4961.0	550.0	-8.9	-16.4	247.0	29.0	26.7	11.3	313.7	319.8	1.9	54.6	11.7	81.
16.2	51.1	5319.7	525.0	-11.4	-20.5	248.5	30.3	28.2	11.1	314.8	319.3	1.4	46.7	13.6	79.
17.3	54.3	5692.5	500.0	-13.7	-29.4	248.7	30.0	27.9	10.9	316.4	316.7	0.7	25.7	15.5	78.
18.5	57.3	6080.7	475.0	-15.7	-30.1	251.0	27.4	25.9	8.9	318.6	321.0	0.7	30.4	17.5	77.
19.8	60.7	6487.2	450.0	-17.9	-23.0	255.0	28.5	27.5	7.4	320.8	325.2	1.3	64.6	19.7	76.
21.2	64.1	6912.3	425.0	-21.0	-25.7	254.1	27.9	26.8	7.7	322.1	325.8	1.1	65.7	22.0	76.
22.5	67.6	7357.7	400.0	-24.0	-27.9	253.2	26.5	25.3	7.6	323.8	327.1	1.0	69.9	24.1	76.
23.8	71.0	7825.3	375.0	-27.7	-32.7	252.0	23.4	22.2	7.2	325.0	327.2	0.6	62.0	26.2	76.
25.1	74.9	8317.9	350.0	-31.5	-36.0	255.6	23.9	23.1	5.9	326.3	328.0	0.5	63.8	27.8	76.
26.7	79.0	8837.8	325.0	-35.8	-40.6	254.6	22.6	21.8	6.0	327.3	328.5	0.3	60.9	30.1	76.
28.4	83.0	9388.8	300.0	-40.6	99.9	999.9	99.9	99.9	99.9	328.2	999.9	99.9	99.9	99.9	99.9
30.1	87.2	9975.5	275.0	-45.2	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	99.9	99.9	99.9
32.0	92.0	10603.1	250.0	-51.2	99.9	999.9	99.9	99.9	99.9	330.0	999.9	99.9	99.9	99.9	99.9
34.1	96.8	11278.4	225.0	-57.6	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	99.9	99.9	99.9
36.4	102.0	12011.4	200.0	-63.1	99.9	999.9	99.9	99.9	99.9	332.2	999.9	99.9	99.9	99.9	99.9
39.1	107.8	12829.0	175.0	-64.1	99.9	999.9	99.9	99.9	99.9	344.2	999.9	99.9	99.9	99.9	99.9
42.3	114.0	13792.7	150.0	-57.9	99.9	999.9	99.9	99.9	99.9	370.4	999.9	99.9	99.9	99.9	99.9
46.0	121.0	14937.0	125.0	-60.7	99.9	999.9	99.9	99.9	99.9	385.1	999.9	99.9	99.9	99.9	99.9
50.6	129.0	16332.7	100.0	-58.4	99.9	999.9	99.9	99.9	99.9	415.0	999.9	99.9	99.9	99.9	99.9
55.9	138.3	18110.1	75.0	-63.6	99.9	999.9	99.9	99.9	99.9	439.7	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
1115 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T CG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	791.0	915.3	14.4	12.8	30.0	7.2	-3.6	-6.2	296.3	323.3	10.2	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	15.1	934.0	900.0	14.1	10.6	42.6	9.6	-6.5	-7.1	297.2	321.2	9.0	79.4	0.3	212.
1.4	17.3	1171.7	875.0	15.6	-11.3	29.2	7.2	-3.5	-6.3	300.3	305.8	1.8	14.6	0.7	216.
2.3	19.9	1419.8	850.0	19.5	-18.8	6.0	6.3	-0.7	-6.3	306.7	310.0	1.0	6.3	1.0	211.
3.2	22.2	1675.5	825.0	18.5	-38.6	342.6	7.8	2.3	-7.5	308.2	308.7	0.2	1.0	1.3	200.
4.0	24.9	1937.5	800.0	16.4	-37.5	331.8	8.3	3.9	-7.3	308.6	309.3	0.2	1.3	1.7	191.
4.9	27.1	2205.3	775.0	13.5	-36.9	324.9	8.8	5.1	-7.2	308.4	309.6	0.4	3.0	2.0	181.
5.8	29.8	2479.6	750.0	11.1	-28.8	323.4	9.0	5.4	-7.2	308.7	310.3	0.5	4.3	2.5	174.
6.8	32.6	2760.7	725.0	8.5	-25.2	315.4	7.7	5.4	-5.5	308.9	311.1	0.7	7.0	2.8	165.
7.7	35.3	3049.1	700.0	5.9	-24.0	308.7	7.4	5.7	-4.6	309.1	311.7	0.8	9.4	3.2	164.
8.6	38.0	3344.9	675.0	3.3	-25.1	292.5	6.7	6.2	-2.6	309.5	311.9	0.7	10.2	3.6	159.
9.5	40.8	3649.6	650.0	1.1	-25.5	254.3	6.3	6.1	1.7	310.3	312.7	0.7	11.6	3.7	154.
10.4	43.7	3963.2	625.0	-1.7	-24.1	241.3	7.8	6.9	3.7	310.6	313.4	0.9	16.0	3.7	146.
11.8	46.8	4286.0	600.0	-4.8	-24.6	243.3	9.5	8.5	4.3	310.6	313.4	0.9	19.4	3.8	140.
12.9	49.9	4618.9	575.0	-7.7	-24.0	250.7	13.1	12.4	4.3	311.1	314.2	1.0	25.6	4.0	131.
13.9	52.7	4963.4	550.0	-10.0	-23.1	250.8	16.2	15.3	5.3	312.3	315.8	1.1	33.3	4.6	121.
15.2	55.9	5320.8	525.0	-12.1	-38.2	246.7	17.5	16.0	6.9	313.9	314.8	0.3	9.3	5.5	110.
16.4	59.1	5691.8	500.0	-15.0	-35.0	244.0	17.7	15.9	7.7	314.7	316.1	0.4	16.2	6.5	102.
17.6	62.6	6077.4	475.0	-17.9	-43.0	249.4	19.8	18.5	7.0	315.8	316.5	0.2	8.9	7.6	96.
19.0	65.9	6480.0	450.0	-20.2	-35.9	247.4	23.2	21.4	8.9	317.8	319.2	0.4	23.1	9.3	91.
20.5	69.6	6900.2	425.0	-24.1	-34.7	245.6	25.9	23.6	10.7	318.1	319.7	0.5	37.0	11.3	86.
21.9	73.2	7338.7	400.0	-28.5	-34.1	242.6	28.2	25.0	13.0	317.9	319.7	0.5	58.2	13.5	83.
23.4	77.2	7797.9	375.0	-31.6	-35.8	246.4	30.0	27.5	12.0	319.7	321.4	0.5	66.0	15.8	80.
24.9	81.0	8281.7	350.0	-35.9	-40.3	247.0	33.8	31.1	13.2	320.3	321.5	0.3	63.6	18.9	78.
26.4	85.1	8792.2	325.0	-39.7	99.9	247.0	32.1	29.5	12.5	321.9	999.9	99.9	99.9	21.9	76.
28.2	89.4	9334.2	300.0	-44.3	99.9	251.8	38.4	36.5	12.0	322.9	999.9	99.9	99.9	25.4	75.
30.0	94.2	9911.7	275.0	-48.6	99.9	253.7	40.5	38.8	11.4	324.9	999.9	99.9	99.9	29.5	75.
32.0	99.0	10532.9	250.0	-52.5	99.9	258.3	46.6	45.6	9.5	328.0	999.9	99.9	99.9	35.0	75.
34.2	104.0	11207.1	225.0	-56.7	99.9	260.6	52.3	51.6	8.6	331.6	999.9	99.9	99.9	41.0	76.
36.6	109.9	11947.4	200.0	-60.2	99.9	259.8	48.8	48.0	8.6	337.5	999.9	99.9	99.9	48.8	76.
39.2	115.5	12777.3	175.0	-60.4	99.9	257.9	43.1	42.2	9.1	350.3	999.9	99.9	99.9	55.7	77.
42.2	122.0	13744.7	150.0	-56.9	99.9	245.2	30.9	28.0	13.0	372.1	999.9	99.9	99.9	61.7	77.
46.2	129.3	14900.0	125.0	-56.8	99.9	249.8	23.2	21.8	8.0	392.1	999.9	99.9	99.9	70.2	76.
51.0	136.8	16303.1	100.0	-60.1	99.9	249.8	25.3	23.7	8.7	411.6	999.9	99.9	99.9	77.1	76.
57.4	144.3	18097.9	75.0	-59.8	99.9	264.4	16.1	16.1	1.6	447.6	999.9	99.9	99.9	85.5	76.
65.9	152.7	20636.8	50.0	-56.2	99.9	245.3	6.7	6.1	2.8	511.2	999.9	99.9	99.9	89.3	76.
78.0	161.0	25103.6	25.0	-50.5	99.9	71.5	8.9	-8.5	-2.8	639.4	999.9	99.9	99.9	92.4	77.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1115 GMT

164 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	268.0	975.5	16.1	13.9	100.0	5.2	-5.1	0.9	292.7	319.6	10.3	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.
0.0	6.7	272.4	975.0	16.0	13.6	99.2	6.2	-6.2	1.0	292.6	319.0	10.1	85.4	0.0	348.
0.7	9.0	493.2	950.0	15.3	10.7	94.9	13.3	-13.2	1.1	293.9	316.5	8.6	74.3	0.4	276.
1.3	11.1	719.8	925.0	16.5	7.5	88.9	13.5	-13.5	-0.2	297.1	316.2	7.1	55.3	1.0	274.
2.2	13.5	952.9	900.0	15.1	5.9	82.7	9.5	-9.4	-1.2	298.0	315.8	6.5	54.1	1.6	270.
3.0	15.7	1191.2	875.0	14.0	5.3	92.4	6.6	-6.6	0.3	299.2	316.7	6.4	55.7	1.9	269.
3.7	18.0	1435.2	850.0	12.8	5.1	118.2	1.1	-1.0	0.5	300.4	318.3	6.5	59.4	2.1	270.
4.6	20.4	1686.0	825.0	12.2	3.5	281.6	4.6	4.5	-0.9	302.3	319.0	6.0	55.3	2.0	270.
5.4	22.8	1943.6	800.0	10.6	4.2	275.8	7.4	7.3	-0.7	303.3	321.4	6.5	64.7	1.7	268.
6.2	25.3	2207.3	775.0	8.0	5.4	280.2	8.9	8.8	-1.6	303.3	323.6	7.3	83.8	1.3	266.
7.3	27.7	2477.7	750.0	6.1	5.1	301.0	10.9	9.3	-5.6	304.2	324.7	7.4	93.0	0.8	246.
8.2	30.4	2755.3	725.0	4.3	1.6	283.6	14.7	14.3	-3.5	305.0	321.9	6.0	82.5	0.7	193.
9.2	33.1	3040.8	700.0	3.0	-3.3	271.3	18.8	18.8	-0.4	306.4	318.8	4.3	63.3	1.2	125.
10.2	35.7	3334.5	675.0	0.6	-5.4	283.4	17.3	16.8	-4.0	306.9	317.9	3.8	63.7	2.1	112.
11.1	38.4	3636.7	650.0	-1.3	-10.5	285.1	18.6	18.0	-4.8	307.8	315.7	2.6	49.3	3.1	111.
12.1	41.1	3947.9	625.0	-3.6	-14.6	280.0	20.9	20.5	-3.6	308.6	314.7	2.0	45.1	4.3	109.
13.1	44.1	4269.0	600.0	-6.6	-16.7	275.9	21.8	21.7	-2.2	308.7	314.0	1.7	43.2	5.6	106.
14.2	47.1	4599.7	575.0	-9.7	-18.4	274.9	22.3	22.3	-1.9	308.8	313.7	1.6	43.7	7.0	104.
15.2	50.0	4940.9	550.0	-12.8	-19.6	274.5	21.7	21.6	-1.7	309.0	313.6	1.5	43.6	8.4	102.
16.3	53.0	5294.5	525.0	-14.2	-21.4	263.2	22.6	22.4	2.7	311.5	315.6	1.3	54.2	9.7	101.
17.5	56.1	5665.1	500.0	-14.6	-23.7	250.4	27.4	25.8	9.2	315.3	319.0	1.1	45.6	11.4	97.
18.7	55.5	6051.5	475.0	-17.4	-27.3	249.6	28.9	27.1	10.1	316.4	319.3	0.9	41.7	13.3	92.
20.0	63.0	6454.5	450.0	-20.1	-35.0	249.4	28.4	26.6	10.0	318.0	319.5	0.4	25.0	15.3	89.
21.4	66.4	6875.4	425.0	-23.5	-38.4	246.3	26.4	24.2	10.6	318.8	319.9	0.3	23.8	17.4	87.
23.0	70.1	7316.5	400.0	-26.1	-42.2	250.5	27.8	26.2	9.3	321.0	321.8	0.2	20.1	19.8	84.
24.5	73.9	7779.8	375.0	-30.1	-45.0	250.5	27.1	25.6	9.0	321.7	322.4	0.2	21.6	22.2	83.
26.3	77.8	8267.2	350.0	-33.9	-47.7	247.4	26.9	24.8	10.3	322.9	323.5	0.1	23.2	25.3	81.
28.2	81.8	8781.7	325.0	-38.4	99.9	244.9	25.6	23.2	10.8	323.7	999.9	99.9	999.9	28.1	80.
30.2	86.2	9326.5	300.0	-43.0	99.9	241.2	26.8	23.5	12.9	324.8	999.9	99.9	999.9	31.3	78.
32.2	90.8	9907.2	275.0	-47.8	99.9	236.1	25.5	21.2	14.2	326.1	999.9	99.9	999.9	34.2	76.
34.3	95.7	10529.7	250.0	-52.3	99.9	241.1	29.5	25.8	14.2	328.3	999.9	99.9	999.9	37.7	75.
36.7	100.9	11203.6	225.0	-57.3	99.9	240.2	27.9	24.2	13.9	330.8	999.9	99.9	999.9	41.5	73.
39.3	106.7	11940.4	200.0	-61.5	99.9	233.9	29.5	23.8	17.4	335.3	999.9	99.9	999.9	46.2	72.
41.9	112.8	12762.2	175.0	-64.5	99.9	252.2	36.9	35.1	11.3	343.6	999.9	99.9	999.9	51.1	70.
45.2	119.5	13718.8	150.0	-60.3	99.9	253.1	31.5	30.1	9.1	366.2	999.9	99.9	999.9	58.3	71.
49.0	127.3	14861.6	125.0	-59.0	99.9	256.9	32.9	32.1	7.4	388.1	999.9	99.9	999.9	65.7	72.
53.1	135.7	16287.8	100.0	-53.1	99.9	254.1	19.6	18.9	5.4	425.1	999.9	99.9	999.9	72.3	72.
59.0	144.7	18090.0	75.0	-62.7	99.9	280.8	14.0	13.8	-2.6	441.6	999.9	99.9	999.9	76.1	73.
67.1	155.5	20626.2	50.0	-57.0	99.9	263.2	8.9	8.6	1.0	509.2	999.9	99.9	999.9	79.7	73.
78.6	167.0	25087.6	25.0	-49.1	99.9	32.8	3.1	-1.7	-2.6	643.6	999.9	99.9	999.9	81.2	74.

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

11/2

STATION NO. 486
FORT TOTTEN, N Y

24 APRIL 1975
1115 GMT

151 23. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	8.0	1014.1	11.2	11.2	999.9	99.9	99.9	99.9	284.3	305.3	8.3	100.0	999.9	999.
0.4	5.6	125.4	1000.0	11.0	10.8	999.9	99.9	99.9	99.9	285.3	306.1	8.2	98.3	999.9	999.
1.1	7.6	337.3	975.0	12.2	11.9	999.9	99.9	99.9	99.9	288.6	311.9	9.1	98.5	999.9	999.
2.0	9.8	556.5	950.0	14.0	8.9	999.9	99.9	99.9	99.9	292.4	312.5	7.6	71.5	999.9	999.
2.7	11.7	781.3	925.0	12.6	7.8	999.9	99.9	99.9	99.9	293.1	312.2	7.2	72.7	999.9	999.
3.6	13.9	1010.7	900.0	10.5	8.0	999.9	99.9	99.9	99.9	293.3	313.3	7.5	84.9	999.9	999.
4.5	15.9	1244.8	875.0	8.5	7.4	999.9	99.9	99.9	99.9	293.5	313.3	7.4	93.1	999.9	999.
5.2	18.1	1485.2	850.0	8.5	5.5	999.9	99.9	99.9	99.9	295.9	314.1	6.7	81.7	999.9	999.
6.2	20.3	1721.8	825.0	6.7	4.3	999.9	99.9	99.9	99.9	296.5	313.7	6.3	84.8	999.9	999.
7.1	22.5	1984.2	800.0	5.2	3.3	999.9	99.9	99.9	99.9	297.5	314.1	6.1	87.4	999.9	999.
8.1	24.9	2243.1	775.0	3.4	0.3	999.9	99.9	99.9	99.9	298.1	312.1	5.1	79.9	999.9	999.
8.9	27.0	2509.6	750.0	3.8	-2.7	999.9	99.9	99.9	99.9	301.3	313.2	4.2	62.2	999.9	999.
9.9	29.5	2784.2	725.0	1.7	-5.0	999.9	99.9	99.9	99.9	301.7	312.2	3.6	61.0	999.9	999.
10.8	32.0	3066.0	700.0	-0.6	-6.0	999.9	99.9	99.9	99.9	302.2	312.3	3.5	66.9	999.9	999.
11.9	34.6	3356.5	675.0	-1.7	-11.0	999.9	99.9	99.9	99.9	304.1	311.4	2.4	48.8	999.9	999.
13.1	36.9	3656.6	650.0	-2.3	-28.3	999.9	99.9	99.9	99.9	306.4	308.3	0.6	11.4	999.9	999.
14.1	39.6	3966.3	625.0	-5.0	-26.7	999.9	99.9	99.9	99.9	306.8	309.0	0.7	16.3	999.9	999.
15.3	42.1	4285.3	600.0	-7.6	-25.5	999.9	99.9	99.9	99.9	307.4	309.9	0.8	22.1	999.9	999.
16.4	44.9	4615.2	575.0	-9.8	-31.4	999.9	99.9	99.9	99.9	308.6	310.2	0.5	15.2	999.9	999.
17.6	47.7	4957.2	550.0	-11.5	-38.1	999.9	99.9	99.9	99.9	310.4	311.3	0.3	8.9	999.9	999.
18.8	50.5	5311.9	525.0	-14.0	-39.8	999.9	99.9	99.9	99.9	311.5	312.3	0.2	9.2	999.9	999.
20.1	53.4	5681.3	500.0	-15.3	-46.5	999.9	99.9	99.9	99.9	314.4	314.8	0.1	4.9	999.9	999.
21.4	56.3	6066.9	475.0	-17.8	-47.9	999.9	99.9	99.9	99.9	315.9	316.3	0.1	5.1	999.9	999.
22.7	59.4	6468.7	450.0	-21.2	-49.5	999.9	99.9	99.9	99.9	316.6	316.9	0.1	5.7	999.9	999.
24.1	62.7	6887.8	425.0	-24.2	-50.1	999.9	99.9	99.9	99.9	318.0	318.3	0.1	7.0	999.9	999.
25.5	65.9	7327.4	400.0	-27.1	-50.3	999.9	99.9	99.9	99.9	319.8	320.1	0.1	8.9	999.9	999.
27.2	69.4	7789.7	375.0	-30.1	-48.5	999.9	99.9	99.9	99.9	321.7	322.2	0.1	14.5	999.9	999.
28.7	72.9	8276.7	350.0	-34.5	-50.8	999.9	99.9	99.9	99.9	322.2	322.6	0.1	17.0	999.9	999.
30.4	76.7	8789.9	325.0	-39.2	-53.2	999.9	99.9	99.9	99.9	322.5	322.8	0.1	20.7	999.9	999.
32.2	80.6	9332.3	300.0	-44.4	99.9	999.9	99.9	99.9	99.9	322.8	999.9	99.9	999.9	999.9	999.
33.9	84.7	9908.6	275.0	-49.5	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999.
36.1	89.0	10525.3	250.0	-54.7	99.9	999.9	99.9	99.9	99.9	324.8	999.9	99.9	999.9	999.9	999.
38.3	93.8	11192.3	225.0	-59.7	99.9	999.9	99.9	99.9	99.9	327.1	999.9	99.9	999.9	999.9	999.
41.0	98.8	11930.5	200.0	-58.6	99.9	999.9	99.9	99.9	99.9	340.0	999.9	99.9	999.9	999.9	999.
43.5	104.0	12758.6	175.0	-64.6	99.9	999.9	99.9	99.9	99.9	343.3	999.9	99.9	999.9	999.9	999.
46.4	110.2	13695.2	150.0	-60.3	99.9	999.9	99.9	99.9	99.9	366.2	999.9	99.9	999.9	999.9	999.
49.9	116.8	14849.4	125.0	-54.7	99.9	999.9	99.9	99.9	99.9	395.9	999.9	99.9	999.9	999.9	999.
54.2	125.0	16261.9	100.0	-58.0	99.9	999.9	99.9	99.9	99.9	415.7	999.9	99.9	999.9	999.9	999.
59.7	133.7	18064.8	75.0	-60.8	99.9	999.9	99.9	99.9	99.9	445.6	999.9	99.9	999.9	999.9	999.
67.0	143.0	20616.6	50.0	-56.0	99.9	999.9	99.9	99.9	99.9	511.5	999.9	99.9	999.9	999.9	999.
78.3	153.3	25077.1	25.0	-52.3	99.9	999.9	99.9	99.9	99.9	634.9	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

141

STATION NO. 518
ALBANY, N Y

24 APRIL 1975
1115 GMT

161 22. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	86.0	1002.9	8.0	6.5	170.0	5.2	-0.9	5.1	281.7	297.2	6.1	90.0	0.0	0.
0.3	6.0	109.9	1000.0	8.3	6.2	173.4	11.5	-1.3	11.4	282.3	297.6	6.0	86.5	0.2	346.
1.0	8.4	318.4	975.0	6.4	5.8	181.2	11.3	0.2	11.3	282.4	297.6	5.9	95.5	0.5	351.
1.8	10.7	533.3	950.0	9.4	8.0	217.0	9.9	6.0	7.9	287.7	306.2	7.1	90.9	1.0	3.
2.7	13.1	754.7	925.0	8.8	7.6	238.1	13.8	11.7	7.3	289.3	307.9	7.1	92.0	1.5	21.
3.4	15.5	981.6	900.0	7.6	6.8	256.0	15.2	14.7	3.7	290.3	308.5	6.9	94.5	2.0	33.
4.3	17.9	1213.9	875.0	7.7	6.9	271.2	17.8	17.8	-0.4	292.7	311.8	7.2	94.6	2.6	49.
5.1	20.4	1453.7	850.0	7.4	6.6	286.9	14.3	13.7	-4.2	294.9	314.2	7.2	94.8	3.2	60.
6.2	22.9	1699.4	825.0	6.0	5.2	278.1	14.2	14.0	-2.0	295.8	314.0	6.7	94.8	3.8	69.
7.1	25.5	1951.5	800.0	4.9	4.0	271.4	13.6	13.6	-0.3	297.2	314.6	6.4	94.0	4.6	73.
8.1	28.1	2210.1	775.0	3.3	2.3	272.6	12.3	12.3	-0.6	298.1	314.2	5.9	93.4	5.3	76.
8.9	30.3	2475.5	750.0	1.4	0.5	268.3	12.4	12.4	0.4	298.8	313.5	5.3	94.0	5.8	78.
9.6	33.6	2748.3	725.0	-0.3	-1.1	264.7	11.3	11.3	1.0	299.7	313.3	4.9	94.1	6.4	78.
10.7	36.2	3028.3	700.0	-2.1	-8.5	266.7	11.5	11.4	0.7	300.5	308.9	2.9	61.2	7.1	79.
11.7	39.2	3317.5	675.0	-2.2	-12.4	274.7	14.6	14.6	-1.2	303.5	310.1	2.2	46.0	7.9	80.
12.7	41.9	3616.4	650.0	-3.8	-27.7	280.0	18.3	18.0	-3.2	304.8	306.7	0.6	13.5	8.8	82.
13.4	44.9	3924.6	625.0	-6.0	-26.5	281.7	19.7	19.2	-4.0	305.6	307.9	0.7	18.0	10.0	84.
14.9	48.0	4242.8	600.0	-7.9	-30.6	282.6	20.8	20.3	-4.5	307.0	308.7	0.5	14.0	11.3	86.
16.2	50.9	4571.7	575.0	-10.4	-32.6	278.0	22.1	21.9	-3.1	307.8	309.2	0.4	14.2	13.0	88.
17.3	54.0	4912.4	550.0	-12.1	99.9	278.9	22.1	21.8	-3.4	309.8	999.9	99.9	999.9	14.4	89.
18.5	57.0	5266.9	525.0	-14.0	99.9	279.2	25.4	25.1	-4.1	311.6	999.9	99.9	999.9	16.0	90.
19.8	60.3	5635.5	500.0	-16.5	99.9	280.1	26.3	25.9	-4.6	312.9	999.9	99.9	999.9	18.0	91.
21.2	63.7	6019.2	475.0	-19.5	99.9	280.4	27.3	26.8	-4.9	313.8	999.9	99.9	999.9	20.1	92.
22.5	67.0	6418.6	450.0	-22.1	99.9	277.6	31.5	31.2	-4.2	315.5	999.9	99.9	999.9	22.5	93.
24.0	70.6	6836.9	425.0	-24.8	99.9	272.0	29.5	29.5	-1.0	317.2	999.9	99.9	999.9	25.4	93.
25.7	74.3	7274.8	400.0	-28.4	99.9	273.2	30.2	30.1	-1.7	318.1	999.9	99.9	999.9	28.3	93.
27.4	78.2	7734.2	375.0	-32.4	99.9	280.7	25.6	25.2	-4.8	318.8	999.9	99.9	999.9	31.2	93.
29.2	82.1	8216.1	350.0	-37.0	99.9	282.2	27.9	27.3	-5.9	318.9	999.9	99.9	999.9	33.8	94.
30.8	86.0	8723.9	325.0	-40.9	99.9	280.2	33.1	32.6	-5.9	320.3	999.9	99.9	999.9	36.7	95.
32.9	90.6	9262.5	300.0	-45.7	99.9	282.4	40.1	39.2	-8.6	321.0	999.9	99.9	999.9	41.3	95.
34.8	95.2	9835.7	275.0	-50.6	99.9	285.7	48.1	46.3	-13.0	322.0	999.9	99.9	999.9	46.3	96.
36.8	100.0	10450.8	250.0	-54.8	99.9	289.7	62.1	58.4	-21.0	324.7	999.9	99.9	999.9	52.8	98.
39.3	105.0	11121.1	225.0	-57.6	99.9	295.0	69.9*	63.4	-29.6	330.3	999.9	99.9	999.9	62.1	100.
41.7	110.6	11863.4	200.0	-59.3	99.9	300.9	45.2*	38.8	-23.2	338.9	999.9	99.9	999.9	70.8	102.
44.5	116.5	12690.8	175.0	-64.1	99.9	277.4	33.3*	33.0	-4.3	344.2	999.9	99.9	999.9	76.5	103.
47.9	123.3	13647.4	150.0	-56.5	99.9	282.5	32.5*	31.7	-7.1	372.7	999.9	99.9	999.9	83.6	103.
51.6	130.3	14811.9	125.0	-55.5	99.9	290.5	18.0*	16.9	-6.3	394.5	999.9	99.9	999.9	91.2	103.
56.4	138.0	16233.3	100.0	-55.7	99.9	284.1	17.1*	16.6	-4.2	420.0	999.9	99.9	999.9	97.0	103.
62.6	145.8	18050.6	75.0	-58.5	99.9	316.5	12.2*	8.4	-8.9	450.4	999.9	99.9	999.9	101.7	104.
70.8	154.5	20625.1	50.0	-55.7	99.9	10.5	3.1	-0.6	-3.1	512.4	999.9	99.9	999.9	103.6	105.
82.5	163.7	25087.9	25.0	-51.2	99.9	49.1	3.7	-2.8	-2.4	637.8	999.9	99.9	999.9	104.9	106.

* BY SPEED MEANS ELEVATION 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. 520
PITTSBURG, PA

24 APRIL 1975
1115 GMT

158 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 CC4P 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	359.0	968.9	12.6	12.0	200.0	7.2	2.5	6.8	289.5	313.1	9.1	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.
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	524.8	950.0	12.3	11.6	206.7	14.1	6.4	12.6	290.9	314.5	9.1	95.8	0.3	22.
1.3	11.7	749.0	925.0	12.3	11.6	226.1	12.7	9.1	8.8	293.1	317.7	9.4	95.8	0.9	31.
2.2	13.9	979.0	900.0	11.1	9.1	229.7	11.8	9.0	7.7	294.0	315.4	8.1	87.5	1.4	40.
2.9	15.9	1214.3	875.0	10.2	8.8	225.1	15.4	10.9	10.8	295.5	317.3	8.2	90.7	2.0	42.
3.8	18.3	1455.5	850.0	8.9	6.0	230.0	15.6	12.0	10.0	296.3	315.1	6.9	82.2	2.9	43.
4.7	20.5	1703.1	825.0	8.6	5.9	238.2	19.7	16.8	10.4	298.6	317.9	7.1	83.1	3.8	46.
5.6	22.6	1957.6	800.0	7.4	4.8	245.2	22.4	20.3	9.4	300.0	318.6	6.8	83.4	4.8	49.
6.5	25.1	2218.8	775.0	5.8	4.2	254.7	24.6	23.8	6.5	300.9	319.4	6.7	89.2	6.1	54.
7.4	27.3	2486.9	750.0	3.9	2.5	258.6	27.3	26.8	5.4	301.6	318.7	6.1	90.8	7.4	58.
8.3	29.8	2762.2	725.0	2.0	0.9	262.5	28.6	28.4	3.7	302.4	318.3	5.7	92.2	8.9	62.
9.2	32.3	3045.2	700.0	0.4	-0.5	263.2	30.3	30.1	3.6	303.6	318.6	5.3	93.7	10.4	65.
10.2	35.0	3336.5	675.0	-1.4	-2.4	259.9	32.5	32.0	5.7	304.6	318.2	4.7	92.9	12.2	68.
11.2	37.4	3637.4	650.0	-2.7	-4.0	257.9	34.0	33.3	7.1	306.5	319.3	4.4	90.7	14.1	69.
12.3	40.2	3947.6	625.0	-4.8	-5.9	255.6	34.0	33.0	8.5	307.5	319.0	3.9	91.6	16.3	70.
13.3	42.8	4268.6	600.0	-6.1	-7.2	253.4	33.6	32.2	9.6	309.5	320.6	3.7	92.2	18.4	71.
14.4	45.7	4600.8	575.0	-8.1	-9.2	249.8	32.1	30.1	11.1	310.9	320.8	3.3	91.9	20.6	71.
15.5	48.6	4945.4	550.0	-9.9	-11.0	247.5	29.7	27.5	11.4	312.7	321.9	3.0	91.6	22.7	71.
16.7	51.5	5303.7	525.0	-11.3	-12.7	248.8	27.2	25.4	9.8	315.2	323.6	2.7	88.9	24.7	70.
17.8	54.6	5676.8	500.0	-13.9	-15.5	252.4	27.6	26.3	8.3	316.3	323.5	2.3	87.5	26.5	70.
19.2	57.7	6055.0	475.0	-16.4	-18.2	255.0	29.0	28.0	7.5	317.8	323.9	1.9	86.1	28.7	71.
20.3	61.0	6469.9	450.0	-19.0	-20.8	255.5	31.6	30.6	7.9	319.5	324.8	1.6	85.3	30.9	71.
21.6	64.6	6893.7	425.0	-21.9	-23.4	257.0	28.9	28.2	6.5	321.0	325.5	1.4	87.6	33.1	71.
23.0	67.9	7337.3	400.0	-24.9	-26.6	262.0	30.3	30.0	4.2	322.7	326.3	1.1	85.3	35.7	72.
24.5	71.4	7803.2	375.0	-28.7	-30.8	269.1	28.7	28.7	0.5	323.6	326.3	0.8	82.0	38.3	73.
25.9	75.3	8293.6	350.0	-32.6	-36.5	276.1	29.9	29.7	-3.2	324.7	326.4	0.5	68.3	40.5	74.
27.4	79.5	8810.7	325.0	-37.2	-41.8	277.3	31.1	30.9	-3.9	325.3	326.4	0.3	61.8	43.0	75.
29.7	83.5	9358.3	300.0	-42.1	99.9	280.2	30.7	30.2	-5.4	326.1	999.9	99.9	999.9	45.8	77.
30.7	87.8	9940.9	275.0	-46.9	99.9	280.4	34.9	34.3	-6.3	327.3	999.9	99.9	999.9	48.9	78.
32.5	92.6	10564.1	250.0	-52.6	99.9	283.1	38.4	37.5	-8.7	327.9	999.9	99.9	999.9	52.7	80.
34.4	97.6	11235.0	225.0	-58.6	99.9	283.6	36.8	35.7	-8.6	328.7	999.9	99.9	999.9	56.6	82.
36.7	103.0	11967.0	200.0	-63.4	99.9	289.5	44.1	41.6	-14.7	332.4	999.9	99.9	999.9	61.8	84.
39.0	109.0	12785.0	175.0	-61.2	99.9	293.5	34.3	31.4	-13.7	349.0	999.9	99.9	999.9	66.3	86.
42.0	115.5	13750.5	150.0	-58.9	99.9	293.1	24.0	22.1	-9.4	368.6	999.9	99.9	999.9	71.3	88.
45.7	123.0	14888.5	125.0	-59.6	99.9	271.0	31.7	31.7	-0.6	387.1	999.9	99.9	999.9	77.2	89.
49.8	131.0	16293.4	100.0	-56.4	99.9	298.0	22.4	19.7	-10.5	418.8	999.9	99.9	999.9	83.9	90.
55.1	140.3	18088.1	75.0	-57.8	99.9	307.5	13.6	10.8	-8.3	451.8	999.9	99.9	999.9	89.2	92.
61.7	150.0	20612.9	50.0	-58.7	99.9	343.7	3.0	0.8	-2.9	505.1	999.9	99.9	999.9	92.4	93.
71.6	161.0	25021.7	25.0	-52.5	99.9	38.7	3.1	-1.9	-2.4	633.9	999.9	99.9	999.9	92.8	94.

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

STATION NO. 528
BUFFALO, N Y

24 APRIL 1975
1237 GMT

149 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	6.1	218.0	982.7	11.1	11.1	230.0	6.8	5.2	4.4	286.8	308.5	8.5	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.
0.2	6.8	284.0	975.0	12.0	11.7	234.9	15.4	12.6	8.9	288.4	311.2	8.9	97.8	0.3	44.
1.1	8.9	502.2	950.0	12.2	11.9	238.9	17.7	15.1	9.1	290.8	314.9	9.3	97.9	1.0	56.
1.9	10.9	725.8	925.0	10.8	10.4	246.2	12.9	11.8	5.2	291.5	314.0	8.6	97.1	1.7	59.
2.9	12.9	954.4	900.0	9.8	9.4	252.9	13.2	12.6	3.9	292.7	314.4	8.2	97.0	2.5	63.
3.9	15.1	1168.4	875.0	8.6	7.0	260.1	14.3	14.1	2.5	293.7	312.9	7.2	89.2	3.3	66.
4.9	17.3	1428.2	850.0	7.6	5.0	263.9	17.9	17.8	1.9	294.9	312.3	6.4	83.4	4.2	70.
5.8	19.4	1674.2	825.0	6.4	3.2	260.6	15.8	15.6	2.6	296.1	312.1	5.9	80.0	5.1	72.
7.0	21.5	1926.5	800.0	5.1	2.8	256.9	15.0	14.6	3.4	297.3	313.4	5.9	85.0	6.2	73.
8.4	23.8	2185.1	775.0	2.9	1.3	253.7	15.4	14.7	4.3	297.7	312.7	5.4	89.0	7.4	74.
9.6	26.0	2450.1	750.0	1.1	-0.4	257.6	15.4	15.0	3.3	298.4	312.2	5.0	90.0	8.7	74.
10.9	28.5	2722.8	725.0	0.1	-1.1	249.8	17.9	16.8	6.2	300.2	313.9	4.9	91.7	9.9	74.
12.3	31.0	3003.8	700.0	-0.9	-1.8	244.0	16.3	14.6	7.1	302.1	315.7	4.8	93.3	11.4	73.
13.7	33.6	3293.8	675.0	-2.6	-3.5	249.8	17.9	16.8	6.2	303.3	315.9	4.4	93.2	12.7	72.
15.1	36.0	3593.0	650.0	-3.5	-4.5	256.2	17.4	16.9	4.1	305.5	317.7	4.2	92.6	14.3	73.
16.4	38.8	3902.9	625.0	-4.4	-5.7	251.0	15.2	14.4	4.9	308.0	319.7	4.0	90.6	15.5	73.
17.7	41.4	4223.3	600.0	-7.0	-8.5	250.6	14.6	13.8	4.9	308.4	318.4	3.4	88.8	16.6	72.
19.1	44.4	4554.6	575.0	-9.0	-10.8	251.8	15.7	14.9	4.9	309.8	318.6	2.9	86.8	17.9	72.
20.5	47.4	4897.9	550.0	-11.1	-13.1	244.6	16.3	14.8	7.0	311.2	318.9	2.5	84.7	19.3	72.
22.0	50.4	5254.1	525.0	-13.4	-15.7	244.4	17.3	15.6	7.5	312.6	319.2	2.1	82.7	20.8	71.
23.5	53.5	5623.6	500.0	-16.1	-18.8	247.0	17.8	16.4	7.0	313.5	319.0	1.7	80.0	22.4	71.
25.1	56.6	6008.3	475.0	-18.7	-21.7	248.6	18.6	17.3	6.8	315.0	319.5	1.4	77.1	24.1	71.
26.7	60.0	6409.2	450.0	-21.4	-24.8	246.5	19.3	17.7	7.7	316.4	320.1	1.1	74.2	25.9	71.
28.4	63.7	6828.1	425.0	-24.8	-28.8	252.8	22.8	21.8	6.7	317.3	320.0	0.8	69.0	27.8	70.
30.0	67.3	7265.6	400.0	-28.9	-35.9	258.9	25.2	24.8	4.9	317.4	318.9	0.4	50.4	39.2	71.
32.0	71.0	7724.2	375.0	-32.0	-40.2	271.0	26.3	26.3	-0.5	319.2	320.3	0.3	43.3	33.7	72.
33.7	75.3	8209.1	350.0	-34.3	-43.4	279.9	30.7	30.3	-5.3	322.4	323.2	0.2	39.1	35.9	74.
35.6	79.5	8725.8	325.0	-36.8	-46.2	278.9	44.8	44.2	-6.9	325.9	326.6	0.2	36.6	40.2	77.
37.5	83.8	9274.9	300.0	-41.2	-49.9	278.1	47.3	46.9	-6.7	327.3	999.9	99.9	999.9	45.6	79.
39.5	88.4	9859.6	275.0	-46.3	-59.9	280.4	42.9	42.2	-7.8	328.2	999.9	99.9	999.9	50.4	81.
41.6	93.8	10484.6	250.0	-51.8	-69.9	282.4	53.2*	52.0	-11.4	329.1	999.9	99.9	999.9	56.2	83.
43.7	99.0	11159.5	225.0	-57.1	-79.9	280.6	56.9*	55.9	-10.4	330.9	999.9	99.9	999.9	63.1	85.
46.2	105.0	11895.3	200.0	-62.5	-89.9	284.7	61.1*	59.1	-15.5	333.7	999.9	99.9	999.9	71.1	87.
48.9	111.3	12713.9	175.0	-62.6	-99.9	283.9	43.8*	42.5	-10.5	346.7	999.9	99.9	999.9	78.9	90.
52.0	118.0	13677.2	150.0	-58.3	-99.9	268.5	19.6*	19.6	0.5	369.6	999.9	99.9	999.9	85.1	90.
55.5	125.3	14823.6	125.0	-56.5	-99.9	276.0	32.6*	32.4	-3.4	392.7	999.9	99.9	999.9	90.0	90.
59.5	133.7	16252.6	100.0	-53.7	-99.9	319.7	16.0*	10.3	-12.2	424.1	999.9	99.9	999.9	96.3	91.
64.9	141.7	18086.5	75.0	-57.5	-99.9	308.3	5.7*	4.5	-3.6	452.3	999.9	99.9	999.9	100.2	93.
72.2	150.0	20631.7	50.0	-56.2	-99.9	352.9	5.4	0.7	-5.4	511.2	999.9	99.9	999.9	103.2	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. 532
PEORIA, ILL

24 APRIL 1975
1115 GMT

154 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEG	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	200.0	984.2	13.9	12.8	200.0	3.1	1.1	2.9	289.6	314.1	9.5	93.0	0.0	C.
00.9	99.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	6.9	279.5	975.0	14.0	13.2	238.6	13.5	11.5	7.0	290.6	316.0	9.8	94.5	0.2	3F.
0.8	5.2	499.4	950.0	14.2	13.2	237.8	12.9	10.9	6.9	293.0	319.3	10.1	93.5	0.5	40.
1.5	15.3	725.1	925.0	13.9	12.6	242.8	5.3	4.7	2.4	294.6	321.1	10.0	91.8	0.9	53.
2.5	13.6	950.6	900.0	13.5	10.8	251.4	4.4	4.1	1.4	296.6	320.9	9.1	84.1	1.1	58.
3.1	15.8	1104.2	875.0	13.4	7.2	236.3	5.0	4.1	2.8	298.7	318.7	7.3	66.2	1.3	59.
3.9	18.2	1438.1	850.0	12.4	4.4	211.5	4.2	2.2	3.6	300.0	317.0	6.2	58.0	1.5	57.
4.7	20.6	1687.9	825.0	10.8	2.9	226.4	5.5	4.0	3.8	300.8	316.8	5.7	58.1	1.7	54.
5.4	23.0	1943.8	800.0	9.2	0.7	254.0	6.7	6.5	1.9	301.7	315.9	5.0	55.1	1.9	34.
6.0	25.5	2207.0	775.0	8.0	-2.0	267.0	8.1	8.1	0.4	302.9	315.1	4.3	49.1	2.2	58.
6.4	28.0	2476.9	750.0	6.3	-2.3	279.8	6.8	6.7	-1.2	304.0	316.4	4.3	54.0	2.5	63.
7.6	30.7	2754.2	725.0	4.9	-17.3	307.2	5.3	4.2	-3.2	305.0	309.6	1.5	20.0	2.7	57.
8.4	33.4	3039.2	700.0	3.0	-27.9	334.4	6.8	3.0	-6.2	305.9	307.7	0.5	8.1	2.9	72.
9.3	36.0	3332.1	675.0	0.7	-21.2	336.6	9.1	3.6	-8.4	306.5	309.8	1.0	17.5	2.9	82.
10.0	38.9	3633.8	650.0	-1.7	-22.4	330.9	9.2	4.5	-8.0	307.2	310.2	1.0	18.7	3.0	90.
10.7	41.5	3944.1	625.0	-4.8	-20.0	329.3	8.7	4.5	-7.5	307.1	311.0	1.2	29.2	3.2	95.
11.5	44.4	4263.6	600.0	-7.8	-17.7	332.8	9.1	4.2	-6.1	307.3	312.2	1.6	45.1	3.4	101.
12.2	47.5	4592.6	575.0	-11.1	-16.7	336.5	10.7	4.3	-9.8	307.2	312.7	1.8	63.5	3.7	104.
13.0	50.6	4932.4	550.0	-13.5	-16.1	336.5	12.1	4.8	-11.1	308.3	314.3	2.0	80.6	4.1	112.
13.9	53.8	5286.5	525.0	-13.5	-14.4	323.2	11.4	6.9	-9.2	312.4	319.7	2.4	92.8	4.6	118.
15.0	56.9	5657.5	500.0	-14.7	-15.7	285.3	13.7	13.2	-3.6	315.4	322.5	2.3	91.9	5.3	119.
16.1	60.4	6045.1	475.0	-16.2	-17.6	267.8	21.2	21.2	0.8	318.2	324.6	2.0	86.7	6.4	115.
17.3	64.0	6450.4	450.0	-18.6	-20.6	255.8	25.1	24.1	6.2	320.0	325.3	1.6	84.0	7.9	107.
18.4	67.6	6874.7	425.0	-21.6	-23.6	248.4	29.7	27.6	10.9	321.4	325.8	1.3	83.8	9.3	101.
19.5	71.2	7319.8	400.0	-24.6	-27.5	248.0	34.8	32.3	13.1	323.1	326.4	1.0	77.0	11.3	95.
20.8	75.2	7785.4	375.0	-28.2	-31.4	245.7	40.2	36.6	16.6	324.3	326.8	0.7	73.8	13.9	89.
22.2	79.5	8276.3	350.0	-32.5	-35.6	245.0	41.5	37.6	17.6	324.9	326.7	0.5	73.6	17.2	85.
23.6	83.7	8794.1	325.0	-36.8	-39.9	243.3	41.4	37.0	18.6	325.9	327.2	0.4	72.4	20.3	81.
25.2	88.2	9342.1	300.0	-42.0	99.9	240.0	41.4	35.9	20.7	326.2	999.9	99.9	999.9	24.1	78.
26.8	93.2	9924.8	275.0	-47.0	99.9	239.5	43.9	37.9	22.3	327.1	999.9	99.9	999.9	28.0	76.
28.7	98.2	10548.5	250.0	-52.6	99.9	238.5	44.7	38.1	23.4	327.9	999.9	99.9	999.9	32.8	73.
30.4	103.6	11220.1	225.0	-58.4	99.9	233.9	45.5	36.7	26.8	329.0	999.9	99.9	999.9	37.6	71.
32.7	109.8	11948.5	200.0	-65.4	99.9	230.7	46.1	35.7	29.2	329.2	999.9	99.9	999.9	43.5	68.
35.0	116.0	12759.7	175.0	-63.9	99.9	257.9	53.2	52.0	11.3	344.5	999.9	99.9	999.9	50.2	67.
38.3	123.3	13711.6	150.0	-60.3	99.9	271.9	49.4	49.3	-1.6	368.2	999.9	99.9	999.9	66.4	71.
42.5	131.0	14856.7	125.0	-57.0	99.9	262.5	36.5	36.2	4.8	391.8	999.9	99.9	999.9	76.0	73.
47.4	139.3	16267.9	100.0	-57.5	99.9	253.6	28.3	27.1	8.0	416.7	999.9	99.9	999.9	78.6	74.
53.3	148.0	18047.3	75.0	-63.9	99.9	220.3	7.8	5.0	5.9	439.0	999.9	99.9	999.9	84.8	74.
60.8	157.5	20566.4	50.0	-59.7	99.9	183.7	1.3	-0.4	1.2	562.8	999.9	99.9	999.9	85.7	74.
71.7	167.5	24924.1	25.0	-63.5	99.9	99.9	99.9	99.9	99.9	631.2	999.9	99.9	999.9	99.9	99.9

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

STATION NO. 553
OMAHA, NEB

24 APRIL 1975
1115 GMT

156 16. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	400.0	961.6	11.1	9.5	50.0	4.2	-3.2	-2.7	288.5	308.7	7.8	90.0	0.0	9.
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	8.5	501.8	950.0	11.6	10.3	66.6	12.9	-11.9	-5.1	290.0	311.6	8.3	91.9	0.3	221.
1.2	10.6	725.0	925.0	10.5	9.3	65.8	8.9	-8.2	-3.7	291.1	312.1	8.0	92.0	0.7	236.
2.0	12.8	954.3	900.0	11.6	10.6	154.7	1.8	-0.7	1.6	294.7	318.4	9.0	93.5	0.9	240.
2.9	15.2	1190.6	875.0	11.3	5.5	183.7	2.5	0.2	2.5	296.4	314.3	6.6	68.9	0.9	247.
3.7	17.4	1433.7	850.0	12.1	-9.8	62.4	1.5	-1.3	-0.7	299.1	305.5	2.2	20.7	0.9	253.
4.6	19.8	1683.0	825.0	11.4	-10.3	2.9	2.6	-0.1	-2.6	300.9	307.2	2.1	20.7	1.0	245.
5.5	22.0	1939.1	800.0	10.1	-15.1	346.3	1.2	0.3	-1.2	302.1	306.6	1.5	15.3	1.0	241.
6.5	24.6	2201.9	775.0	7.9	-15.7	19.4	3.1	-1.0	-2.9	302.5	307.0	1.5	16.9	1.1	236.
7.5	27.0	2471.1	750.0	6.0	-12.3	0.6	4.8	-0.1	-4.8	303.3	309.3	2.0	25.4	1.3	227.
8.4	29.6	2747.6	725.0	3.4	-11.0	348.9	4.9	0.9	-4.8	303.4	310.2	2.3	34.0	1.5	218.
9.4	32.3	3030.9	700.0	0.8	-9.8	349.2	4.4	0.8	-4.3	303.7	311.4	2.6	44.9	1.6	210.
10.4	35.1	3321.8	675.0	-1.8	-9.7	357.4	4.3	0.2	-4.3	303.9	312.0	2.7	54.9	1.9	206.
11.5	37.8	3620.7	650.0	-4.3	-10.5	329.2	3.9	2.0	-3.3	304.4	312.2	2.6	61.7	2.1	202.
12.6	40.6	3929.1	625.0	-6.1	-11.6	315.9	5.8	4.0	-4.2	305.7	313.2	2.5	65.0	2.2	194.
13.7	43.5	4247.7	600.0	-8.0	-14.0	323.7	7.2	4.3	-5.8	307.1	313.7	2.2	61.7	2.5	185.
14.8	46.6	4577.2	575.0	-10.6	-16.6	335.9	7.3	3.0	-6.6	307.8	313.4	1.8	61.2	2.9	180.
16.1	49.8	4917.7	550.0	-13.0	-19.1	333.9	5.7	2.5	-5.1	308.8	313.5	1.5	60.2	3.4	177.
17.3	52.9	5271.3	525.0	-14.5	-21.6	292.3	8.3	7.6	-3.1	311.1	315.2	1.3	54.6	3.7	173.
18.6	56.0	5639.7	500.0	-16.5	-25.1	283.6	11.7	11.4	-2.8	312.9	316.2	1.0	47.4	4.1	162.
19.9	59.4	6023.0	475.0	-19.9	-25.5	270.8	11.5	11.5	-0.2	313.4	316.7	1.0	60.6	4.6	152.
21.4	63.1	6422.7	450.0	-22.3	-29.3	256.9	16.2	15.8	3.7	315.3	318.0	0.8	58.1	5.1	139.
22.9	66.6	6840.6	425.0	-25.2	-32.8	262.0	21.0	20.8	2.9	316.7	318.6	0.6	49.0	6.1	125.
24.5	70.4	7277.7	400.0	-28.9	-38.5	258.9	25.5	25.0	4.9	317.4	318.6	0.3	38.8	7.9	114.
26.3	74.3	7736.1	375.0	-32.5	-63.7	259.5	25.5	25.1	4.7	318.5	318.5	0.0	2.8	10.4	105.
28.1	78.5	8217.9	350.0	-36.5	-73.5	258.2	26.5	25.9	5.4	319.4	319.4	0.0	1.0	12.8	99.
29.8	82.5	8727.3	325.0	-40.5	99.9	251.3	29.4	27.9	9.4	320.9	999.9	99.9	999.9	15.5	95.
31.7	86.8	9267.1	300.0	-45.3	99.9	252.7	30.7	29.3	9.1	321.5	999.9	99.9	999.9	18.8	91.
33.9	91.6	9841.8	275.0	-49.7	99.9	250.2	32.9	30.9	11.1	323.2	999.9	99.9	999.9	22.8	87.
36.3	96.5	10458.7	250.0	-54.2	99.9	240.3	31.6	27.5	15.7	325.5	999.9	99.9	999.9	27.0	84.
38.8	101.6	11129.6	225.0	-56.6	99.9	235.6	36.6	30.2	20.7	331.8	999.9	99.9	999.9	31.8	80.
41.3	107.4	11870.8	200.0	-59.8	99.9	239.0	40.1	34.3	20.6	338.0	999.9	99.9	999.9	36.8	75.
44.4	113.3	12708.4	175.0	-57.7	99.9	255.2	31.3	30.3	8.0	354.7	999.9	99.9	999.9	43.8	75.
47.9	119.7	13680.0	150.0	-57.2	99.9	255.8	32.7	31.7	8.0	371.6	999.9	99.9	999.9	50.8	75.
51.5	126.3	14827.3	125.0	-57.8	99.9	250.8	28.9	27.3	9.5	390.3	999.9	99.9	999.9	58.0	75.
56.7	134.3	16248.8	100.0	-55.5	99.9	264.5	22.4	22.3	2.2	420.6	999.9	99.9	999.9	67.0	75.
62.4	141.7	18068.1	75.0	-60.5	99.9	226.8	9.8	7.1	6.7	446.1	999.9	99.9	999.9	73.7	75.
69.9	149.7	20623.2	50.0	-54.4	99.9	1.0	3.0	-0.1	-3.0	515.5	999.9	99.9	999.9	76.2	74.
82.7	158.7	25105.9	25.0	-50.0	99.9	321.5	4.9	3.1	-3.9	641.5	999.9	99.9	999.9	74.9	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. 562
NORTH PLATTE, NEB

24 APRIL 1975
1115 GMT

147 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	847.0	913.0	8.3	6.8	360.0	2.6	0.0	-2.6	289.8	307.6	6.8	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.9	966.6	900.0	10.2	8.9	322.9	3.5	2.1	-2.8	293.1	314.1	8.0	91.5	0.1	180.
1.2	16.0	1201.8	875.0	10.5	8.9	291.0	3.5	3.2	-1.2	295.8	317.8	8.2	89.6	0.2	152.
2.0	18.4	1443.8	850.0	10.4	4.6	218.0	2.4	1.5	1.9	297.9	315.1	6.3	67.2	0.3	126.
2.9	20.7	1692.0	825.0	8.7	4.0	226.0	3.3	2.4	2.3	298.6	315.6	6.2	72.1	0.3	101.
3.7	23.0	1945.9	800.0	6.9	3.6	266.8	5.3	5.3	0.3	299.3	316.5	6.2	79.3	0.5	88.
4.7	25.4	2207.0	775.0	6.0	1.9	285.8	8.6	8.3	-2.4	301.0	316.9	5.7	74.8	0.9	93.
5.5	27.8	2475.5	750.0	4.7	0.1	292.1	7.8	7.2	-2.9	302.3	316.8	5.1	72.0	1.4	98.
6.3	30.4	2751.4	725.0	3.1	-3.8	290.8	7.0	6.5	-2.5	303.4	314.9	4.0	60.6	1.7	101.
7.2	33.1	3034.6	700.0	0.4	-6.2	295.5	5.3	4.8	-2.3	303.4	313.4	3.4	61.0	2.0	103.
8.2	35.7	3325.3	675.0	-2.3	-6.5	299.3	4.5	3.9	-2.2	303.5	313.6	3.5	73.0	2.3	105.
9.2	38.4	3623.6	650.0	-5.1	-6.3	289.0	3.4	3.3	-1.1	303.7	314.3	3.7	90.7	2.5	108.
10.2	41.1	3930.6	625.0	-7.7	-8.3	285.2	4.0	4.0	0.3	304.0	313.6	3.3	95.9	2.7	106.
11.4	43.9	4247.4	600.0	-9.6	-10.6	260.2	6.8	6.7	1.2	305.3	313.7	2.8	92.6	3.0	103.
12.4	46.9	4574.6	575.0	-12.4	-13.6	257.3	10.1	9.8	2.2	305.7	312.7	2.3	90.5	3.5	99.
13.6	50.0	4912.6	550.0	-15.2	-16.7	257.4	11.7	11.4	2.6	306.2	312.0	1.9	88.1	4.3	95.
14.6	52.9	5263.1	525.0	-17.6	-19.2	259.6	11.7	11.5	2.1	307.5	312.4	1.6	87.1	4.9	93.
15.7	55.9	5626.6	500.0	-20.8	-22.2	258.0	12.1	11.8	2.5	307.8	311.9	1.3	88.4	5.7	91.
16.9	59.1	6003.7	475.0	-23.9	-25.8	255.5	13.6	13.1	3.4	308.5	311.6	1.0	84.7	6.6	89.
18.3	62.6	6397.0	450.0	-25.6	-42.7	251.5	15.1	14.3	4.8	311.0	311.7	0.2	19.0	7.8	87.
19.7	65.9	6808.9	425.0	-28.8	-36.0	241.0	18.1	15.8	8.8	312.1	313.5	0.4	49.2	9.1	84.
21.4	69.6	7240.1	400.0	-31.9	-36.4	233.7	19.5	15.7	11.5	313.5	314.9	0.4	63.9	10.8	79.
22.9	73.2	7692.3	375.0	-36.0	-39.4	235.0	18.9	15.5	10.8	313.9	315.0	0.3	70.7	12.4	76.
24.4	77.0	8167.8	350.0	-39.4	-43.8	231.5	22.5	17.6	14.0	315.6	316.4	0.2	62.6	14.1	73.
26.2	81.0	8671.2	325.0	-43.4	99.9	229.3	24.0	18.2	15.6	316.9	999.9	99.9	999.9	16.5	70.
28.0	85.1	9205.2	300.0	-47.9	99.9	230.6	24.5	18.9	15.6	317.9	999.9	99.9	999.9	19.0	67.
30.0	89.5	9772.8	275.0	-53.1	99.9	227.7	25.0	18.5	16.8	318.3	999.9	99.9	999.9	21.9	64.
32.1	94.2	10380.0	250.0	-57.5	99.9	229.4	24.2	18.4	15.7	320.6	999.9	99.9	999.9	24.8	62.
34.3	99.0	11039.4	225.0	-60.6	99.9	235.3	25.0	20.6	14.3	325.6	999.9	99.9	999.9	28.0	61.
37.2	104.3	11778.2	200.0	-57.6	99.9	239.8	23.5	20.3	11.8	341.5	999.9	99.9	999.9	32.5	61.
40.9	110.2	12626.8	175.0	-55.5	99.9	252.4	23.7	22.6	7.2	358.3	999.9	99.9	999.9	37.4	62.
44.7	116.3	13601.9	150.0	-58.3	99.9	244.6	22.0	19.9	9.4	369.6	999.9	99.9	999.9	42.1	63.
49.2	123.3	14747.0	125.0	-59.0	99.9	246.3	17.0	15.6	6.8	388.1	999.9	99.9	999.9	47.8	64.
55.2	131.0	16166.9	100.0	-55.8	99.9	256.8	18.6	18.1	4.2	419.9	999.9	99.9	999.9	55.3	65.
62.6	139.3	17989.6	75.0	-57.3	99.9	244.0	13.7	12.3	6.0	452.9	999.9	99.9	999.9	62.2	64.
72.4	147.7	20562.6	50.0	-52.0	99.9	268.4	6.8	6.8	0.2	521.0	999.9	99.9	999.9	67.5	64.
88.4	156.7	25072.3	25.0	-48.5	99.9	32.9	2.4	-1.3	-2.0	645.6	999.9	99.9	999.9	66.6	66.

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

STATION NO. 606
PORTLAND, ME

24 APRIL 1975
1115 GMT

157 32. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	20.0	1016.4	5.6	5.2	90.0	2.6	-2.6	0.0	278.2	291.9	5.5	97.7	0.0	0.
0.4	6.2	153.3	1000.0	5.3	4.0	148.7	14.5	-7.5	12.4	279.1	292.1	5.1	91.2	0.2	273.
1.2	8.6	369.0	975.0	4.1	1.0	154.9	15.3	-6.5	13.8	279.9	290.8	4.2	80.1	0.7	318.
2.1	10.8	576.9	950.0	3.0	-0.6	162.6	15.1	-4.5	14.4	280.7	290.8	3.9	77.2	1.5	310.
3.1	13.3	787.2	925.0	3.9	3.6	999.9	99.9	99.9	99.9	284.0	298.0	5.4	98.0	999.9	999.
4.0	15.6	1010.8	900.0	4.5	4.5	999.9	99.9	99.9	99.9	286.9	302.3	5.9	100.3	999.9	999.
4.9	18.3	1240.4	875.0	4.5	4.5	999.9	99.9	99.9	99.9	289.2	305.2	6.1	100.3	999.9	999.
5.8	20.5	1476.7	850.0	3.3	3.3	999.9	99.9	99.9	99.9	290.4	305.6	5.7	100.1	999.9	999.
6.8	22.9	1718.4	825.0	1.4	1.4	999.9	99.9	99.9	99.9	290.7	304.5	5.1	99.8	999.9	999.
7.9	25.5	1966.0	800.0	0.2	0.2	999.9	99.9	99.9	99.9	292.0	305.2	4.9	99.7	999.9	999.
8.7	28.0	2220.7	775.0	-0.3	-0.3	999.9	99.9	99.9	99.9	294.1	307.3	4.8	100.3	999.9	999.
10.2	30.8	2482.5	750.0	-2.5	-2.5	999.9	99.9	99.9	99.9	294.4	306.0	4.2	100.0	999.9	999.
11.3	33.6	2751.2	725.0	-3.8	-3.8	999.9	99.9	99.9	99.9	295.8	306.9	4.0	100.3	999.9	999.
13.0	36.1	3028.2	700.0	-4.2	-4.2	999.9	99.9	99.9	99.9	298.4	309.7	4.0	100.2	999.9	999.
14.4	39.1	3314.8	675.0	-5.2	-5.3	999.9	99.9	99.9	99.9	300.3	311.2	3.8	99.8	999.9	999.
15.9	41.8	3610.7	650.0	-6.9	-7.1	999.9	99.9	99.9	99.9	301.6	311.6	3.5	98.3	999.9	999.
17.5	44.8	3916.4	625.0	-8.4	-8.5	226.3	23.2	16.8	16.1	303.2	312.4	3.2	97.3	18.3	12.
19.1	47.8	4232.5	600.0	-10.2	-10.7	227.3	23.8	17.5	16.1	304.7	313.0	2.8	95.9	20.3	15.
20.7	50.6	4559.9	575.0	-11.8	-12.6	228.5	22.7	17.0	15.1	306.4	314.0	2.5	94.3	22.1	18.
22.3	53.7	4899.3	550.0	-13.7	-14.7	237.3	23.2	19.5	12.5	308.1	314.8	2.2	92.2	24.1	21.
24.0	56.7	5251.5	525.0	-16.0	-17.2	241.7	22.8	20.0	10.8	309.4	315.2	1.9	90.4	25.9	25.
25.4	60.0	5617.7	500.0	-18.3	-19.7	244.1	20.1	18.0	8.8	310.9	315.9	1.6	88.8	27.4	27.
27.0	63.4	5999.4	475.0	-20.7	-22.4	238.2	16.1	15.8	3.3	312.5	316.7	1.3	85.7	28.7	29.
28.8	66.8	6397.2	450.0	-23.6	-26.1	263.7	17.7	17.6	1.9	313.6	316.9	1.0	79.7	30.0	32.
30.5	70.4	6812.6	425.0	-26.9	-29.6	270.4	17.8	17.8	-0.1	314.6	317.2	0.8	77.0	31.0	35.
32.4	74.1	7247.0	400.0	-30.5	-33.6	271.8	19.7	19.7	-0.6	315.4	317.3	0.6	73.7	32.0	38.
34.3	78.2	7702.6	375.0	-34.1	-37.6	267.4	23.4	23.4	1.0	316.4	317.8	0.4	70.2	33.6	41.
36.2	82.0	8181.5	350.0	-38.2	-41.8	260.2	22.6	22.3	3.8	317.2	318.2	0.3	67.8	35.7	44.
38.3	86.2	8685.8	325.0	-42.8	99.9	257.7	23.1	22.6	4.9	317.7	999.9	99.9	999.9	37.9	46.
40.1	90.6	9221.4	300.0	-47.7	99.9	255.5	26.3	25.4	6.6	318.2	999.9	99.9	999.9	40.5	48.
42.3	95.3	9789.9	275.0	-52.3	99.9	264.6	30.0	29.9	2.8	319.5	999.9	99.9	999.9	43.7	51.
44.3	100.2	10401.2	250.0	-55.9	99.9	277.8	30.9	30.6	-4.2	323.0	999.9	99.9	999.9	46.7	54.
46.9	105.4	11066.7	225.0	-59.2	99.9	293.8	37.1	33.9	-14.9	327.8	999.9	99.9	999.9	49.9	59.
50.1	111.0	11799.3	200.0	-61.9	99.9	292.9	32.3	29.8	-12.6	334.8	999.9	99.9	999.9	53.9	65.
53.3	117.0	12633.9	175.0	-58.7	99.9	289.5	29.9	28.2	-10.0	353.0	999.9	99.9	999.9	58.9	69.
57.5	124.0	13608.9	150.0	-55.6	99.9	289.1	32.0	30.3	-10.5	374.3	999.9	99.9	999.9	63.9	74.
62.6	131.0	14776.6	125.0	-52.6	99.9	292.9	22.5	20.7	-8.7	399.8	999.9	99.9	999.9	69.8	78.
68.7	138.8	16213.3	100.0	-55.4	99.9	289.9	19.9	18.7	-6.8	420.6	999.9	99.9	999.9	76.4	81.
75.0	146.3	18038.5	75.0	-56.4	99.9	313.5	13.3	9.6	-9.2	454.8	999.9	99.9	999.9	83.2	84.
85.6	154.3	20627.2	50.0	-55.2	99.9	326.5	3.0	1.7	-2.5	513.6	999.9	99.9	999.9	86.3	86.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 637
FLINT, MICH

24 APRIL 1975
1115 GMT

164 11. 0

TIME MIN	CATCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	236.0	979.7	10.6	7.8	360.0	3.6	0.0	-3.6	286.3	304.0	6.8	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	99.9	99.9	99.9	999.9	999.
0.1	6.6	276.1	975.0	9.8	7.5	999.9	99.9	99.9	99.9	285.8	303.1	6.7	85.6	999.9	999.
1.0	6.6	491.3	950.0	7.5	6.1	999.9	99.9	99.9	99.9	285.7	301.8	6.2	90.6	999.9	999.
1.9	10.6	711.8	925.0	8.7	7.5	312.2	6.3	4.7	-4.2	289.2	307.7	7.1	92.0	0.5	170.
2.8	12.6	939.7	900.0	10.2	9.0	279.5	11.0	10.8	-1.8	293.0	314.3	8.0	92.5	0.8	141.
3.6	14.7	1174.2	875.0	9.1	7.9	276.2	13.1	13.0	-1.4	294.2	314.7	7.7	92.0	1.3	122.
4.5	16.7	1414.4	850.0	7.7	4.6	269.0	14.3	14.3	0.3	295.1	312.1	6.3	80.6	2.0	111.
5.5	18.9	1660.3	825.0	6.8	2.4	268.0	14.4	14.3	0.5	296.5	311.6	5.5	73.7	2.8	104.
6.5	21.0	1913.3	800.0	6.4	4.2	278.4	12.9	12.8	-1.9	298.8	316.6	6.5	85.8	3.6	102.
7.4	23.3	2173.3	775.0	4.4	2.6	278.2	11.0	11.8	-1.7	299.3	315.8	6.0	86.6	4.3	101.
8.6	25.6	2440.3	750.0	3.1	-0.1	276.5	10.6	10.5	-1.2	300.7	314.9	5.1	79.4	5.1	101.
9.7	27.8	2714.4	725.0	1.2	-1.7	273.4	10.1	10.1	-0.6	301.4	314.6	4.7	80.8	5.7	100.
10.8	30.3	2996.5	700.0	0.0	-6.6	270.4	10.8	10.8	-0.1	302.9	312.6	3.3	60.7	6.5	99.
11.9	32.4	3287.2	675.0	-1.4	-8.0	268.5	9.5	9.5	0.2	304.4	313.6	3.1	60.9	7.1	98.
13.0	35.3	3587.5	650.0	-2.3	-25.1	277.0	10.7	10.6	-1.3	306.6	310.6	1.3	26.4	7.8	98.
14.2	37.8	3897.9	625.0	-4.0	-52.5	285.4	11.3	10.9	-3.0	307.8	308.0	0.0	1.0	8.6	98.
15.4	40.4	4218.5	600.0	-6.3	-53.9	289.7	12.0	11.3	-4.0	308.8	308.9	0.0	1.0	9.8	98.
16.7	43.0	4549.4	575.0	-9.0	-55.6	288.0	12.7	12.1	-3.9	309.4	309.5	0.0	1.0	10.4	100.
18.1	45.7	4891.6	550.0	-11.5	-57.2	283.7	14.5	14.0	-3.4	310.4	310.5	0.0	1.0	11.4	101.
19.4	48.8	5246.6	525.0	-14.0	-58.8	278.2	14.7	14.5	-2.1	311.5	311.6	0.0	1.0	12.5	100.
20.7	51.5	5615.2	500.0	-16.1	-60.1	285.4	15.7	15.1	-4.2	313.4	313.5	0.0	1.0	13.7	101.
22.0	54.6	6009.0	475.0	-18.2	-61.5	291.9	18.4	17.0	-6.8	315.4	315.5	0.0	1.0	15.1	102.
23.5	57.6	6401.7	450.0	-21.0	-63.3	285.2	21.9	20.6	-7.2	316.7	316.8	0.0	1.0	16.8	102.
25.0	60.9	6820.9	425.0	-24.2	-65.4	282.3	25.5	24.9	-5.4	317.9	317.9	0.0	1.0	19.0	103.
26.8	64.4	7260.2	400.0	-27.5	-67.5	280.6	27.3	26.8	-5.0	319.2	319.3	0.0	1.0	21.8	103.
28.5	67.8	7722.5	375.0	-29.9	-69.1	278.6	31.3	31.0	-4.7	321.9	322.0	0.0	1.0	24.9	102.
30.2	71.3	8210.5	350.0	-33.3	-71.3	284.6	35.5	34.3	-5.0	323.8	323.9	0.0	1.0	29.1	102.
32.1	75.3	8726.8	325.0	-37.5	-59.6	280.0	40.1	39.5	-7.0	324.9	325.1	0.0	0.9	32.2	102.
33.9	79.3	9274.9	300.0	-41.4	99.9	270.2	41.3	41.3	-0.2	327.0	999.9	99.9	999.9	36.7	101.
36.0	83.6	9859.3	275.0	-46.5	99.9	267.8	51.3	51.3	2.0	327.9	999.9	99.9	999.9	42.6	100.
39.3	88.0	10484.9	250.0	-51.4	99.9	264.4	53.3	53.1	5.2	329.6	999.9	99.9	999.9	49.7	98.
40.9	93.2	11160.0	225.0	-57.5	99.9	265.3	46.4*	46.3	3.8	330.4	999.9	99.9	999.9	57.0	96.
43.5	98.4	11894.0	200.0	-63.2	99.9	272.2	54.7*	54.6	-2.1	332.7	999.9	99.9	999.9	65.9	95.
46.1	104.3	12711.8	175.0	-64.0	99.9	282.0	43.9*	42.9	-9.1	344.3	999.9	99.9	999.9	73.5	95.
49.6	110.8	13679.5	150.0	-57.7	99.9	281.5	29.2*	28.6	-5.8	370.7	999.9	99.9	999.9	80.0	96.
53.3	118.0	14834.1	125.0	-56.7	99.9	268.9	30.0*	30.0	0.6	392.3	999.9	99.9	999.9	86.8	92.
57.9	126.7	16256.7	100.0	-56.8	99.9	270.7	23.2*	23.2	-0.3	418.0	999.9	99.9	999.9	94.2	95.
64.1	137.0	18077.8	75.0	-57.6	99.9	2.6	8.1*	-0.4	-8.1	452.2	999.9	99.9	999.9	101.5	96.
71.8	146.5	20643.1	50.0	-55.9	99.9	324.8	5.8	3.3	-4.8	511.8	999.9	99.9	999.9	105.8	97.
83.2	161.5	25093.4	25.0	-51.6	99.9	286.5	4.7	4.5	-1.3	636.6	999.9	99.9	999.9	106.1	98.

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

STATION NO. 645
GREEN BAY, WIS

24 APRIL 1975
1115 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	7.5	210.0	985.4	4.4	3.4	40.0	6.2	-4.0	-4.7	279.4	292.0	5.0	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.3	8.4	296.6	975.0	4.3	3.4	24.8	10.4	-4.4	-9.4	280.1	293.0	5.0	94.0	0.2	219.
1.2	10.5	507.7	950.0	2.6	2.2	30.1	8.5	-4.3	-7.4	280.4	292.6	4.7	96.9	0.5	210.
2.0	12.8	723.0	925.0	1.1	0.9	37.4	6.9	-4.2	-5.5	281.0	292.4	4.4	98.1	0.9	212.
2.9	15.2	943.2	900.0	0.0	-0.2	39.8	6.1	-3.9	-4.7	282.1	293.1	4.2	98.4	1.2	215.
3.9	17.4	1170.1	875.0	1.5	1.3	17.7	6.2	-1.9	-5.9	285.9	298.6	4.8	98.5	1.6	213.
4.9	19.9	1604.4	850.0	3.5	-4.0	22.8	5.0	-1.9	-4.6	290.3	299.5	3.3	57.7	1.9	210.
5.9	22.2	1647.5	825.0	4.5	-5.0	354.8	5.0	0.5	-5.0	293.7	302.6	3.2	50.0	2.2	208.
6.9	24.8	1897.8	800.0	3.6	-6.3	348.7	6.3	1.2	-6.2	295.4	303.9	3.0	48.2	2.5	203.
7.9	27.2	2155.5	775.0	3.1	-5.2	320.0	5.6	3.6	-4.3	297.6	307.1	3.3	54.1	2.7	198.
8.8	29.8	2420.5	750.0	1.3	-6.1	311.4	8.2	6.1	-5.4	298.4	307.7	3.3	58.0	2.9	191.
9.8	32.5	2693.6	725.0	1.7	-37.0	299.9	10.3	8.9	-5.1	301.3	302.5	0.4	6.3	3.2	181.
11.1	35.3	2975.1	700.0	-0.4	-30.9	289.4	9.7	9.1	-3.2	302.1	303.4	0.4	7.9	3.5	170.
12.3	37.9	3265.0	675.0	-1.5	-38.3	294.4	9.9	9.0	-4.1	304.0	304.7	0.2	4.0	3.9	162.
13.4	40.5	3564.5	650.0	-3.2	-38.6	294.8	11.4	10.4	-4.8	305.3	306.1	0.2	4.6	4.5	155.
14.5	43.4	3873.5	625.0	-5.2	-39.4	293.7	11.1	10.1	-4.4	306.5	307.2	0.2	4.8	5.1	149.
15.7	46.3	4192.4	600.0	-8.0	-36.7	293.3	10.9	10.0	-4.3	306.9	307.8	0.3	7.8	5.8	144.
16.9	49.4	4521.2	575.0	-10.8	-34.8	288.5	12.5	11.8	-4.0	307.3	308.5	0.3	11.8	6.5	140.
18.2	52.3	4861.2	550.0	-13.3	-47.2	289.8	13.0	12.3	-4.4	308.2	308.6	0.1	4.2	7.3	136.
19.5	55.4	5214.0	525.0	-15.6	-55.5	285.0	13.2	12.8	-3.4	309.6	309.8	0.0	1.7	8.2	133.
20.8	58.5	5580.6	500.0	-17.6	-55.8	280.9	14.7	14.4	-2.8	311.6	311.7	0.0	2.0	9.1	130.
22.1	61.9	5963.0	475.0	-19.6	-56.3	279.7	17.5	17.2	-3.0	313.7	313.8	0.0	2.2	10.3	126.
23.8	65.3	6362.8	450.0	-22.3	-57.2	281.0	19.9	19.5	-3.8	315.2	315.3	0.0	2.5	11.9	122.
25.4	68.7	6779.7	425.0	-25.8	-58.5	281.6	22.7	22.2	-4.5	315.8	316.0	0.0	2.9	13.9	119.
27.0	72.3	7216.1	400.0	-28.5	-59.7	281.0	21.9	21.5	-4.2	317.8	317.9	0.0	3.2	16.0	117.
28.6	76.2	7675.1	375.0	-31.9	-61.2	278.5	26.2	25.9	-3.9	319.3	319.4	0.0	3.6	18.1	115.
30.3	80.1	8159.1	350.0	-35.5	-63.1	283.5	32.4	31.5	-7.6	320.8	320.8	0.0	4.0	21.1	113.
32.2	84.2	8670.5	325.0	-39.4	99.9	280.5	39.6	38.9	-7.2	322.4	999.9	99.9	999.9	25.1	111.
34.0	88.4	9213.7	300.0	-43.8	99.9	268.0	43.2	43.2	1.5	323.6	999.9	99.9	999.9	29.5	109.
36.0	93.2	9793.9	275.0	-47.5	99.9	257.2	50.0	48.8	11.1	326.4	999.9	99.9	999.9	34.8	105.
38.2	97.8	10417.7	250.0	-52.0	99.9	252.5	54.5	52.0	16.4	328.8	999.9	99.9	999.9	41.0	100.
40.9	103.0	11092.1	225.0	-57.0	99.9	251.6	56.3	53.4	17.8	331.2	999.9	99.9	999.9	48.7	95.
43.2	108.8	11831.0	200.0	-62.0	99.9	264.3	49.6	49.4	4.9	334.6	999.9	99.9	999.9	56.4	92.
46.2	115.0	12652.8	175.0	-60.6	99.9	269.7	41.2	41.2	0.2	349.8	999.9	99.9	999.9	64.2	92.
49.9	121.7	13622.4	150.0	-55.8	99.9	272.5	34.0	33.9	-1.5	374.0	999.9	99.9	999.9	71.9	92.
54.1	129.3	14792.4	125.0	-54.4	99.9	264.1	25.6	25.5	2.6	396.6	999.9	99.9	999.9	78.2	92.
58.9	137.3	15226.5	100.0	-54.9	99.9	259.1	25.3	24.8	4.8	421.7	999.9	99.9	999.9	85.6	91.
65.2	145.7	18065.3	75.0	-57.6	99.9	273.5	25.5	25.5	-1.6	452.3	999.9	99.9	999.9	95.9	91.
73.7	155.0	20635.6	50.0	-55.3	99.9	291.6	9.7	9.0	-3.6	513.1	999.9	99.9	999.9	101.2	91.
86.4	164.3	25112.2	25.0	-50.9	99.9	30.0	3.9	-0.2	-3.8	638.9	999.9	99.9	999.9	101.7	91.

* BY SPEED MEANS ELEVATION 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. 654
MURON, S D

24 APRIL 1975
1115 GMT

153 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	392.0	964.8	6.7	5.0	360.0	0.0	0.0	0.0	283.5	298.2	5.7	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	10.9	515.4	950.0	7.2	6.2	112.5	8.8	-8.2	3.4	285.3	301.5	6.3	93.4	0.1	288.
1.0	13.3	739.1	925.0	7.2	5.1	117.6	7.0	-6.2	3.2	287.4	303.1	6.0	86.5	0.4	292.
1.7	15.6	964.4	900.0	5.6	4.3	111.1	4.3	-4.0	1.6	288.0	303.3	5.8	91.2	0.6	295.
2.4	18.0	1194.1	875.0	3.4	3.2	111.2	2.7	-2.5	1.0	288.1	302.7	5.5	98.4	0.7	293.
3.2	20.5	1429.6	850.0	3.8	3.6	272.1	5.0	5.0	-0.2	290.9	306.6	5.9	98.5	0.8	294.
4.0	22.9	1674.3	825.0	6.7	-1.3	267.5	12.5	12.5	0.5	298.3	310.2	4.2	49.7	0.4	325.
4.8	25.5	1928.7	800.0	7.5	-2.1	265.3	11.1	11.1	0.9	299.7	311.3	4.1	50.7	0.5	46.
5.7	28.0	2189.2	775.0	5.5	-3.1	255.5	8.9	8.6	2.2	300.2	311.3	3.9	54.0	1.0	65.
6.5	30.7	2456.8	750.0	4.2	-3.9	255.1	8.3	8.0	2.1	301.6	312.6	3.8	55.4	1.4	68.
7.4	33.4	2731.6	725.0	1.7	-5.5	258.4	7.8	7.6	1.6	301.8	311.9	3.5	58.9	1.9	69.
8.3	36.0	3013.3	700.0	-0.4	-8.3	268.0	8.1	8.1	0.3	302.4	310.9	2.9	55.2	2.2	71.
9.2	38.9	3303.2	675.0	-2.5	-11.6	276.7	9.7	9.6	-1.1	303.1	310.0	2.3	49.8	2.7	76.
10.1	41.6	3601.2	650.0	-5.3	-13.6	280.6	10.5	10.3	-1.9	303.2	309.3	2.1	52.2	3.2	79.
11.0	44.5	3907.8	625.0	-8.0	-14.1	284.1	11.2	10.9	-2.7	303.5	309.7	2.1	61.6	3.9	83.
12.0	47.5	4223.6	600.0	-10.8	-15.7	285.3	10.7	10.3	-2.8	303.9	309.5	1.9	67.0	4.4	86.
12.9	50.5	4549.5	575.0	-12.9	-24.4	278.5	11.6	11.5	-1.7	305.0	307.9	0.9	38.0	4.9	89.
13.9	53.5	4887.0	550.0	-15.5	-18.6	272.5	13.3	13.3	-0.6	305.8	310.8	1.6	79.3	5.7	99.
15.0	56.5	5237.0	525.0	-17.6	-19.4	267.3	13.5	13.5	0.6	307.4	312.3	1.6	85.8	6.6	89.
16.1	59.8	5600.4	500.0	-20.2	-26.1	262.5	11.6	11.5	1.5	308.4	311.3	0.9	59.5	7.4	89.
17.3	63.1	5978.6	475.0	-22.9	-32.1	263.0	10.8	10.7	1.3	309.7	311.5	0.5	42.4	8.2	88.
18.5	66.5	6372.4	450.0	-26.4	-34.2	263.1	11.7	11.6	1.4	310.1	311.6	0.5	47.5	9.0	86.
19.8	70.1	6783.0	425.0	-28.8	-38.2	261.6	14.9	14.7	2.2	312.1	313.2	0.3	39.9	10.0	87.
21.1	73.6	7213.7	400.0	-32.3	-50.3	256.0	18.9	18.4	4.6	312.9	313.3	0.1	14.8	11.3	86.
22.5	77.5	7666.2	375.0	-35.2	-58.2	246.9	22.8	21.0	8.9	315.0	315.1	0.0	8.6	12.9	84.
24.1	81.3	8143.6	350.0	-38.7	99.9	240.6	25.7	22.4	12.6	316.6	999.9	99.9	999.9	15.2	81.
25.9	85.4	8648.0	325.0	-42.9	99.9	242.6	27.0	23.9	12.4	317.6	999.9	99.9	999.9	17.9	78.
27.7	89.7	9181.6	300.0	-47.8	99.9	242.2	25.5	22.5	11.9	317.9	999.9	99.9	999.9	20.6	76.
29.9	94.3	9750.7	275.0	-51.5	99.9	245.1	26.4	24.0	11.1	320.6	999.9	99.9	999.9	24.0	74.
32.2	99.0	10364.8	250.0	-54.5	99.9	243.1	28.0	25.0	12.7	325.1	999.9	99.9	999.9	27.8	73.
34.8	104.0	11032.3	225.0	-59.0	99.9	230.1	31.8	24.4	20.4	328.1	999.9	99.9	999.9	32.1	71.
37.6	109.5	11775.2	200.0	-56.4	99.9	249.7	30.8	28.9	10.7	343.4	999.9	99.9	999.9	37.6	69.
40.7	115.2	12623.1	175.0	-57.0	99.9	237.9	21.4	18.1	11.4	355.8	999.9	99.9	999.9	41.9	69.
44.3	121.5	13599.6	150.0	-57.5	99.9	253.1	22.1	21.2	6.4	371.1	999.9	99.9	999.9	47.2	68.
48.6	128.5	14746.1	125.0	-57.8	99.9	253.5	28.5	27.4	8.1	390.3	999.9	99.9	999.9	52.7	69.
53.6	135.8	16163.9	100.0	-54.0	99.9	260.8	25.8	25.5	4.1	423.8	999.9	99.9	999.9	60.2	70.
59.9	142.8	18035.6	75.0	-53.0	99.9	204.8	20.0	8.4	18.1	461.9	999.9	99.9	999.9	67.0	69.
68.1	150.3	23615.9	50.0	-53.8	99.9	265.3	7.5	7.5	0.6	516.8	999.9	99.9	999.9	70.4	69.
80.2	158.3	25115.8	25.0	-50.7	99.9	238.9	3.2	2.7	1.6	639.5	999.9	99.9	999.9	71.5	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. 655
ST CLGD. MINN

24 APRIL 1975
1115 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTQ GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	316.0	976.3	5.9	4.5	70.0	3.6	-3.4	-1.2	281.7	295.6	5.4	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.
0.0	6.7	326.9	975.0	5.9	4.6	76.1	4.2	-4.1	-1.0	281.8	295.8	5.5	91.6	0.0	336.
0.9	8.8	539.6	950.0	4.6	4.5	86.7	6.7	-6.6	-0.4	282.5	296.9	5.6	99.5	0.3	265.
1.9	10.9	756.5	925.0	2.6	2.6	78.2	6.3	-6.1	-1.3	282.6	295.5	5.0	100.8	0.7	265.
2.6	13.1	977.6	900.0	1.0	1.0	80.4	6.1	-6.0	-1.0	283.2	295.2	4.6	100.8	1.0	262.
3.4	15.4	1204.7	875.0	1.7	0.5	94.4	7.3	-7.3	0.6	286.2	298.2	4.6	91.8	1.3	264.
4.3	17.5	1439.0	850.0	2.1	0.4	78.9	6.8	-6.7	-1.3	288.9	301.4	4.7	88.7	1.7	265.
5.3	19.9	1679.9	825.0	1.4	-1.4	68.5	5.9	-5.5	-2.2	290.6	302.0	4.2	81.4	2.1	264.
6.2	22.1	1927.9	800.0	1.2	-8.8	351.5	3.9	0.6	-3.9	292.7	299.8	2.5	48.4	2.2	259.
7.2	24.6	2183.9	775.0	2.3	-25.3	323.7	5.0	3.0	-4.1	296.4	298.4	0.6	10.8	2.2	253.
8.2	26.9	2448.1	750.0	1.3	-24.1	315.0	6.2	4.4	-4.4	298.1	300.3	0.7	12.9	2.1	244.
9.1	29.5	2720.1	725.0	-0.5	-25.0	308.6	6.9	5.4	-4.3	299.0	301.2	0.7	13.5	1.7	234.
10.1	32.1	2999.3	700.0	-2.4	-25.7	302.8	8.6	7.3	-4.7	299.9	302.1	0.7	14.8	1.9	221.
11.2	34.9	3286.8	675.0	-4.5	-17.9	295.6	9.5	8.6	-4.1	300.8	305.1	1.4	35.2	1.9	201.
12.2	37.3	3583.1	650.0	-6.6	-14.4	285.2	9.4	9.1	-2.5	301.7	307.5	1.9	53.7	1.9	185.
13.2	40.1	3889.2	625.0	-9.2	-18.5	283.0	10.0	9.7	-2.2	302.1	306.5	1.4	46.7	2.1	168.
14.3	42.8	4203.1	600.0	-10.8	-33.4	285.9	10.7	10.3	-2.9	303.6	304.8	0.4	13.6	2.5	154.
15.5	45.5	4528.8	575.0	-12.7	-47.6	284.2	12.8	12.4	-3.1	305.1	305.4	0.1	3.5	3.1	143.
16.6	48.9	4866.5	550.0	-15.0	-40.0	282.0	13.5	13.2	-2.8	306.3	307.0	0.2	9.6	3.8	133.
17.8	51.8	5216.7	525.0	-17.6	-38.5	280.0	13.3	13.1	-2.3	307.3	308.2	0.3	14.2	4.6	128.
19.1	55.0	5579.8	500.0	-20.2	-36.8	282.5	15.0	14.6	-3.2	308.4	309.4	0.3	21.1	5.6	122.
20.3	58.1	5957.6	475.0	-22.9	-39.3	276.7	16.4	16.3	-1.9	309.6	310.5	0.3	20.6	6.7	119.
21.7	61.6	6352.2	450.0	-25.2	-41.6	268.4	18.7	18.6	0.5	311.6	312.3	0.2	19.7	8.1	114.
23.2	65.1	6764.5	425.0	-28.2	-48.2	268.3	18.8	18.8	0.5	312.8	313.2	0.1	13.4	9.5	110.
24.6	68.6	7197.7	400.0	-30.8	-59.7	270.4	20.7	20.7	-0.1	314.8	314.9	0.0	4.0	11.2	107.
26.3	72.2	7652.4	375.0	-34.4	-61.3	265.7	26.4	26.3	2.0	316.0	316.1	0.0	4.5	13.3	104.
28.1	76.2	8131.3	350.0	-38.2	-59.7	264.1	29.4	29.3	3.1	317.1	317.3	0.0	8.3	16.3	100.
29.9	80.3	8637.1	325.0	-41.8	99.9	253.6	32.5	31.2	9.2	319.1	999.9	99.9	999.9	19.6	96.
31.8	84.6	9175.2	300.0	-45.6	99.9	250.4	30.9	29.1	10.4	321.1	999.9	99.9	999.9	22.8	93.
33.6	89.0	9740.8	275.0	-49.4	99.9	243.9	32.6	29.3	14.3	323.7	999.9	99.9	999.9	26.1	90.
35.8	94.0	10367.3	250.0	-54.6	99.9	235.9	30.0	24.8	16.8	324.9	999.9	99.9	999.9	29.6	86.
39.1	99.0	11035.4	225.0	-59.3	99.9	233.9	32.7	26.4	19.2	327.6	999.9	99.9	999.9	33.2	82.
40.5	104.4	11770.1	200.0	-60.6	99.9	246.3	33.2	30.4	13.4	336.8	999.9	99.9	999.9	37.7	79.
43.3	110.6	12597.5	175.0	-62.6	99.9	256.5	33.9	32.9	7.9	346.6	999.9	99.9	999.9	43.4	78.
46.7	117.0	13562.5	150.0	-57.0	99.9	263.5	26.9	26.7	3.1	371.9	999.9	99.9	999.9	49.4	78.
50.7	124.7	14725.9	125.0	-54.5	99.9	251.6	23.3	22.1	7.3	396.4	999.9	99.9	999.9	55.3	79.
56.0	133.0	16164.8	100.0	-52.0	99.9	264.5	17.1	17.0	1.6	427.4	999.9	99.9	999.9	61.7	79.
62.2	142.0	18014.3	75.0	-56.3	99.9	258.7	25.3	24.8	5.0	454.8	999.9	99.9	999.9	68.6	78.
69.9	151.3	20603.2	50.0	-54.7	99.9	202.6	7.5	2.9	6.9	514.6	999.9	99.9	999.9	73.2	79.
82.3	162.3	25075.3	25.0	-50.0	99.9	340.7	4.5	1.5	-4.3	641.3	999.9	99.9	999.9	74.5	81.

* BY SPEED MEANS ELEVATION 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. 662
RAPID CITY, S D

24 APRIL 1975
1115 GMT

148 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	966.0	898.4	5.0	4.6	350.0	2.6	0.5	-2.6	287.6	303.1	5.9	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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.
0.8	16.0	1183.7	875.0	8.4	0.1	999.9	99.9	99.9	99.9	293.1	305.2	4.4	55.9	999.9	999.
1.7	18.3	1422.5	850.0	5.9	-1.3	300.7	10.8	9.3	-5.5	292.9	304.2	4.1	59.8	0.7	121.
2.4	20.4	1666.3	825.0	3.9	-1.8	294.7	14.1	12.8	-5.9	293.2	304.4	4.1	66.5	1.2	120.
3.1	22.5	1915.5	800.0	1.7	-3.1	289.7	16.9	15.9	-5.7	293.4	303.9	3.8	70.2	1.9	117.
4.0	24.5	2171.2	775.0	1.1	-4.4	284.3	21.2	20.6	-5.3	295.4	305.4	3.6	66.9	2.9	113.
4.9	26.9	2434.7	750.0	0.2	-9.4	278.2	18.5	18.3	-2.7	297.1	304.3	2.5	48.5	4.0	110.
5.8	29.3	2705.8	725.0	-1.7	-11.9	272.0	16.0	16.0	-0.6	297.9	304.1	2.1	45.4	4.9	107.
6.7	31.8	2984.1	700.0	-3.8	-14.2	262.0	14.5	14.4	2.0	298.5	303.9	1.8	43.9	5.7	104.
7.9	34.3	3270.5	675.0	-5.4	-26.4	252.8	16.0	15.3	4.7	299.7	301.8	0.7	17.2	6.7	100.
8.8	36.6	3565.3	650.0	-7.6	-26.4	241.6	16.0	14.0	7.6	300.4	302.5	0.7	20.6	7.5	97.
10.0	39.2	3866.7	625.0	-10.8	-26.7	229.2	15.1	11.4	9.9	300.2	302.4	0.7	25.5	8.2	92.
11.0	41.7	4181.3	600.0	-13.0	-37.2	232.9	15.0	12.0	9.0	301.1	302.1	0.3	13.1	8.9	88.
12.0	44.4	4503.5	575.0	-16.1	-42.8	240.1	14.1	12.2	7.0	301.1	301.6	0.1	7.9	9.8	85.
13.1	47.3	4836.6	550.0	-18.4	-41.7	249.0	12.6	11.7	4.5	302.2	302.8	0.2	10.7	10.5	83.
14.1	50.1	5182.1	525.0	-20.4	-43.1	254.5	14.0	13.5	3.7	303.9	304.4	0.2	11.0	11.3	83.
15.2	52.9	5541.6	500.0	-22.8	-43.9	243.8	17.8	16.0	7.9	305.2	305.7	0.2	12.5	12.3	82.
16.2	55.8	5915.6	475.0	-25.6	-46.7	229.7	19.9	15.2	12.9	306.3	306.7	0.1	11.7	13.5	80.
17.7	59.0	6305.1	450.0	-28.3	-48.7	214.4	26.3	14.8	21.7	307.7	308.0	0.1	11.9	15.0	75.
19.3	62.4	6712.7	425.0	-31.0	-49.8	211.8	29.7	15.6	25.2	309.2	309.6	0.1	13.6	17.1	68.
20.9	65.7	7140.5	400.0	-33.8	-52.0	222.2	30.8	20.7	22.8	310.9	311.2	0.1	13.9	19.7	64.
22.4	69.1	7589.7	375.0	-37.0	-54.4	222.0	31.0	20.8	23.1	312.5	312.7	0.1	14.3	22.2	61.
23.9	72.7	8063.7	350.0	-40.2	99.9	222.6	32.4	21.9	23.9	314.6	999.9	99.9	999.9	24.9	59.
25.5	76.6	8566.4	325.0	-43.5	99.9	228.4	31.2	23.3	20.7	316.7	999.9	99.9	999.9	28.1	58.
27.4	80.6	9101.1	300.0	-46.7	99.9	237.8	23.9	20.3	12.7	319.5	999.9	99.9	999.9	31.1	57.
29.1	84.8	9672.5	275.0	-51.1	99.9	235.3	16.3	13.4	9.3	321.3	999.9	99.9	999.9	33.4	57.
31.1	89.2	10287.9	250.0	-53.6	99.9	215.5	20.6	12.0	16.8	326.3	999.9	99.9	999.9	35.1	57.
33.6	94.2	10961.7	225.0	-56.0	99.9	241.7	27.1	23.9	12.8	332.8	999.9	99.9	999.9	38.3	55.
36.4	99.4	11717.6	200.0	-53.6	99.9	254.8	26.7	25.7	7.0	347.8	999.9	99.9	999.9	42.8	57.
38.9	105.0	12571.7	175.0	-56.2	99.9	245.9	23.1	21.1	9.4	357.2	999.9	99.9	999.9	46.4	58.
42.4	111.3	13547.7	150.0	-58.1	99.9	250.4	18.9	17.8	6.4	369.9	999.9	99.9	999.9	50.3	59.
46.7	118.7	14703.8	125.0	-53.7	99.9	252.3	17.8	17.0	5.4	397.8	999.9	99.9	999.9	55.6	61.
51.3	127.0	16135.2	100.0	-55.5	99.9	249.4	21.2	19.8	7.5	420.5	999.9	99.9	999.9	60.0	60.
56.9	136.5	17973.8	75.0	-55.1	99.9	239.4	15.8	13.6	8.0	457.5	999.9	99.9	999.9	65.7	61.
64.2	146.0	20581.7	50.0	-57.7	99.9	192.2	3.4	0.7	3.4	507.6	999.9	99.9	999.9	67.2	61.
76.4	156.5	25070.0	25.0	-49.6	99.9	333.7	3.2	1.4	-2.9	642.3	999.9	99.9	999.9	69.4	61.

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

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
1130 GMT

164 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	180.0	997.1	18.2	14.9	120.6	3.1	-2.7	1.5	293.0	321.0	10.8	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	99.9	99.9	99.9	999.9	999.9
0.6	7.9	372.0	975.0	16.8	13.8	194.5	13.3	3.3	12.8	293.4	320.2	10.3	82.8	0.3	360.
1.3	10.0	593.7	950.0	16.6	15.1	204.9	17.6	7.4	16.0	295.6	325.6	11.5	90.5	0.9	12.
2.2	12.0	821.7	925.0	16.4	15.2	219.9	21.1	13.6	16.2	297.7	329.1	11.9	92.6	1.9	24.
2.9	14.4	1055.5	900.0	15.5	13.8	222.1	20.9	14.0	15.5	298.9	328.6	11.1	89.9	2.9	30.
3.9	16.5	1294.5	875.0	14.0	12.3	228.7	18.9	14.2	12.5	299.7	327.5	10.4	89.5	3.9	34.
4.7	18.8	1538.9	850.0	12.1	11.1	235.8	20.0	16.5	11.2	300.1	326.6	9.9	93.8	4.9	38.
5.7	21.0	1789.3	825.0	11.0	8.8	244.8	16.0	14.4	6.8	301.4	325.0	8.7	86.1	5.8	42.
6.8	23.5	2046.1	800.0	9.3	6.7	238.8	15.8	13.5	8.2	302.1	323.5	7.8	84.6	6.8	45.
7.7	25.9	2309.2	775.0	7.9	6.2	232.4	17.0	13.5	10.4	303.3	324.7	7.7	89.5	7.7	46.
8.8	28.2	2579.5	750.0	6.2	5.3	234.5	19.3	15.7	11.2	304.3	325.1	7.5	94.0	8.8	47.
9.9	30.9	2857.3	725.0	5.1	-4.8	237.8	20.5	17.3	10.9	305.6	316.6	3.8	50.1	10.0	48.
10.7	33.6	3144.1	700.0	5.5	-17.2	244.1	19.4	17.4	8.5	308.7	313.1	1.4	17.6	11.1	49.
11.7	36.0	3440.3	675.0	3.8	-12.4	252.1	20.7	19.7	6.4	310.1	316.8	2.2	29.5	12.2	51.
12.7	38.8	3746.0	650.0	2.0	-7.3	254.0	22.7	21.8	6.3	311.7	321.9	3.4	49.9	13.5	53.
13.9	41.4	4061.3	625.0	-0.8	-7.1	251.5	25.3	24.0	8.1	311.9	322.7	3.6	62.4	15.0	55.
14.9	44.3	4385.9	600.0	-3.6	-11.5	248.2	24.6	22.9	9.1	312.3	320.3	2.6	54.1	16.6	57.
16.1	47.4	4720.5	575.0	-6.6	-11.4	245.6	23.8	21.7	9.8	312.6	321.2	2.8	69.8	18.3	58.
17.2	50.3	5066.9	550.0	-9.0	-9.0	250.1	21.4	20.1	7.3	313.9	324.5	3.5	100.3	19.9	58.
18.4	53.4	5426.1	525.0	-11.4	-12.1	264.2	19.5	19.4	2.0	315.0	323.9	2.9	95.1	21.2	59.
19.6	56.4	5798.2	500.0	-14.9	-20.0	267.9	22.3	22.3	0.9	315.0	320.2	1.6	67.0	22.5	61.
20.9	59.7	6184.4	475.0	-16.7	-33.7	270.5	21.8	21.8	-0.2	317.3	319.0	0.5	22.1	24.0	63.
22.2	63.3	6590.1	450.0	-18.2	-37.9	268.5	20.2	20.2	0.5	320.4	321.5	0.3	15.7	25.4	65.
23.6	66.7	7014.1	425.0	-21.7	-41.6	267.3	21.5	21.5	1.0	321.1	321.9	0.2	14.5	27.1	66.
25.1	70.4	7457.3	400.0	-25.8	-44.7	266.5	22.0	21.9	1.3	321.4	322.1	0.2	14.9	28.9	68.
26.9	74.1	7921.4	375.0	-28.9	-47.1	273.3	23.2	23.2	-1.3	323.3	323.8	0.1	15.1	31.1	69.
28.8	78.2	8411.2	350.0	-32.5	-50.0	279.5	22.8	22.5	-3.7	324.9	325.3	0.1	15.5	33.5	71.
30.6	82.3	8929.2	325.0	-36.8	-53.3	277.7	25.6	25.4	-3.4	325.9	326.2	0.1	15.9	35.9	73.
32.5	86.7	9478.1	300.0	-41.3	99.9	282.6	25.5	24.9	-5.6	327.2	999.9	99.9	999.9	38.5	75.
34.4	91.6	10062.4	275.0	-46.6	99.9	281.1	22.8	22.4	-4.4	327.8	999.9	99.9	999.9	40.9	77.
36.4	96.4	10687.6	250.0	-51.6	99.9	280.1	24.1	23.7	-4.2	329.4	999.9	99.9	999.9	43.4	78.
38.6	101.8	11365.7	225.0	-55.3	99.9	280.7	30.6	30.1	-5.7	333.7	999.9	99.9	999.9	47.1	80.
41.3	107.9	12109.9	200.0	-59.1	99.9	279.5	33.5	33.0	-5.5	339.3	999.9	99.9	999.9	52.0	82.
43.9	114.0	12942.8	175.0	-60.8	99.9	273.7	30.1	30.0	-1.9	349.7	999.9	99.9	999.9	56.7	83.
46.8	121.0	13898.0	150.0	-62.0	99.9	268.3	28.7	28.6	0.8	363.2	999.9	99.9	999.9	61.4	84.
50.4	129.0	15028.2	125.0	-62.4	99.9	271.4	30.5	30.5	-0.7	382.0	999.9	99.9	999.9	68.4	85.
54.4	137.3	16390.2	100.0	-65.7	99.9	270.7	22.6	22.6	-0.3	400.8	999.9	99.9	999.9	74.4	85.
59.6	146.3	18119.9	75.0	-67.9	99.9	275.0	14.9	14.9	-0.3	430.7	999.9	99.9	999.9	77.8	86.
66.3	156.3	20602.0	50.0	-62.1	99.9	352.4	3.4	0.4	-3.3	497.2	999.9	99.9	999.9	80.3	87.
76.2	166.3	25021.1	25.0	-51.5	99.9	999.9	99.9	99.9	99.9	636.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 22002
FT. SILL. OKLA

24 APRIL 1975
1309 GMT

112 165. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	362.0	965.8	21.0	18.8	180.0	4.6	0.0	4.6	299.0	336.6	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.
0.6	9.7	505.2	950.0	19.8	18.0	215.6	12.3	7.2	10.0	299.1	335.5	13.8	89.2	0.3	21.
1.5	11.9	735.2	925.0	18.4	17.1	224.1	17.3	12.1	12.4	299.9	335.5	13.4	92.1	1.0	33.
2.3	14.3	971.1	900.0	18.6	16.2	237.5	18.8	15.9	10.1	302.4	337.5	13.1	86.5	1.9	42.
3.2	16.5	1213.7	875.0	20.7	-24.1	244.2	13.4	12.1	5.8	305.5	308.8	1.1	6.7	2.7	49.
4.1	19.0	1463.8	850.0	21.4	-36.9	239.5	11.4	9.8	5.8	308.6	309.2	0.2	1.0	3.4	51.
5.1	21.3	1720.9	825.0	19.9	-37.8	251.1	7.4	7.0	2.4	309.6	310.2	0.2	1.0	3.9	53.
6.1	23.8	1984.2	800.0	17.8	-39.1	258.7	7.4	7.2	1.4	310.1	310.7	0.2	1.0	4.3	55.
7.2	26.2	2253.6	775.0	15.3	-40.2	257.6	9.3	9.1	2.0	310.2	310.8	0.1	1.0	4.8	58.
8.3	28.9	2529.5	750.0	12.8	-39.2	252.8	11.5	11.0	3.4	310.5	311.1	0.2	1.4	5.4	60.
9.3	31.6	2812.4	725.0	10.5	-38.8	248.6	13.7	12.7	5.0	310.9	311.6	0.2	1.7	6.2	61.
10.4	34.3	3102.7	700.0	8.0	-32.6	248.3	16.9	15.7	6.2	311.4	312.6	0.4	3.7	7.2	62.
11.7	37.0	3401.4	675.0	6.6	-31.5	251.8	20.9	19.8	6.5	313.1	314.4	0.4	4.5	8.7	63.
12.9	39.8	3709.6	650.0	4.2	-32.6	251.5	21.6	20.5	6.8	313.7	315.0	0.4	4.8	10.3	65.
14.2	42.7	4026.5	625.0	1.3	-27.2	249.4	23.6	22.1	8.3	314.0	316.2	0.7	9.7	11.9	66.
15.3	45.8	4353.2	600.0	-1.4	-28.6	250.9	25.5	24.1	8.4	314.6	316.6	0.6	10.4	13.6	66.
16.4	48.9	4690.6	575.0	-3.7	-33.4	252.5	29.2	27.8	8.8	315.7	317.1	0.4	7.8	15.4	67.
17.6	51.7	5040.8	550.0	-5.1	-39.2	251.2	31.1	29.4	10.0	318.0	318.8	0.2	4.9	17.5	67.
18.8	55.0	5403.7	525.0	-8.4	-41.9	250.5	28.9	27.3	9.7	318.3	318.9	0.2	4.7	19.8	68.
20.1	58.3	5790.0	500.0	-11.1	-50.8	247.2	26.1	24.1	10.1	319.5	319.7	0.1	2.1	21.9	68.
21.4	61.7	6172.4	475.0	-13.6	-45.8	248.5	26.0	24.2	9.5	321.1	321.6	0.1	4.6	24.0	68.
22.8	65.3	6581.1	450.0	-17.0	-45.7	252.3	22.1	21.1	6.7	321.9	322.4	0.1	6.2	25.9	68.
24.3	68.9	7006.3	425.0	-20.8	-43.6	254.9	25.2	24.3	6.6	322.2	322.9	0.2	10.9	28.0	69.
25.9	72.6	7450.8	400.0	-24.7	-40.9	258.1	24.2	23.7	5.0	322.9	323.8	0.3	20.4	30.3	69.
27.6	76.7	7916.8	375.0	-28.5	-43.0	260.1	30.0	29.6	5.2	323.8	324.6	0.2	23.1	33.0	70.
29.3	80.7	8407.8	350.0	-31.5	-47.0	259.3	26.8	26.3	5.0	326.3	326.8	0.2	19.8	35.9	71.
31.0	85.0	8927.5	325.0	-35.5	-51.8	259.0	27.8	27.3	5.3	327.7	328.1	0.1	16.7	39.0	71.
32.9	89.5	9478.6	300.0	-40.4	99.9	258.1	28.8	28.1	5.9	328.5	999.9	99.9	999.9	41.9	72.
34.8	94.3	10065.3	275.0	-45.2	99.9	260.5	27.6	27.3	4.6	329.7	999.9	99.9	999.9	44.9	72.
36.7	99.3	10694.8	250.0	-50.2	99.9	265.9	24.1	24.0	1.7	331.4	999.9	99.9	999.9	48.3	73.
38.9	104.6	11376.3	225.0	-54.6	99.9	263.3	25.3	25.1	3.0	334.9	999.9	99.9	999.9	51.2	74.
41.1	110.4	12120.1	200.0	-60.1	99.9	270.0	26.9	26.9	-0.0	337.6	999.9	99.9	999.9	54.6	75.
43.5	116.3	12944.0	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.
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

24 April 1975

1500 GMT

176-216

STATION NO. 206
CHARLESTON, SC

24 APRIL 1975
1500 GMT

152 28. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP 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	13.0	1022.7	24.0	14.7	210.0	7.2	3.6	6.2	296.7	324.0	10.4	56.0	0.0	0.
0.5	6.2	208.7	1000.0	21.5	12.4	214.2	11.9	6.7	9.9	295.8	320.0	9.1	56.4	0.4	37.
1.3	8.2	427.7	975.0	19.4	12.2	215.5	11.2	7.1	8.6	295.9	320.3	9.2	62.8	0.9	37.
1.9	10.3	650.9	950.0	17.5	11.2	216.4	10.8	6.4	8.7	296.1	319.7	8.9	66.8	1.3	38.
2.6	12.2	878.2	925.0	15.1	11.6	209.5	10.6	5.2	9.2	296.0	320.8	9.3	79.5	1.7	36.
3.3	14.4	1110.1	900.0	13.0	9.8	214.1	11.3	6.3	9.4	296.1	318.9	8.5	80.8	2.2	35.
4.1	16.3	1346.6	875.0	12.0	1.4	214.9	10.5	6.0	8.6	296.9	310.4	4.9	48.4	2.8	35.
4.9	18.5	1589.1	850.0	11.6	-3.5	228.8	7.1	5.4	4.7	298.7	308.6	3.5	34.7	3.2	36.
5.5	20.7	1838.5	825.0	10.4	4.1	242.8	5.2	4.7	2.4	300.4	317.8	6.3	65.3	3.4	37.
6.3	22.9	2094.1	800.0	8.5	0.9	263.4	4.7	4.7	0.5	300.9	315.3	5.1	58.7	3.6	39.
7.1	25.2	2356.2	775.0	7.1	-4.0	259.4	4.7	4.6	0.9	301.9	312.7	3.8	46.1	3.7	42.
7.9	27.5	2625.4	750.0	6.4	-11.9	252.0	4.9	4.6	1.5	303.8	309.9	2.1	25.7	3.9	44.
8.7	29.9	2903.0	725.0	5.2	-0.2	252.7	4.9	4.7	1.5	305.8	320.7	5.2	58.2	4.1	45.
9.6	32.4	3189.4	700.0	3.6	-0.1	261.2	4.6	4.5	0.7	307.2	322.8	5.4	76.6	4.3	47.
10.5	35.0	3484.0	675.0	2.1	-1.3	263.3	5.9	5.8	0.7	308.6	323.6	5.2	78.5	4.5	49.
11.3	37.4	3788.6	650.0	0.9	-4.4	272.9	6.7	6.7	-0.3	310.5	323.1	4.3	67.6	4.8	51.
12.3	40.1	4103.5	625.0	-0.4	-9.2	297.1	7.2	6.4	-3.3	312.3	321.6	3.0	51.4	5.1	55.
13.5	42.7	4429.2	600.0	-1.9	-19.4	311.8	9.9	7.4	-6.6	314.0	318.5	1.4	25.2	5.3	61.
14.5	45.4	4766.0	575.0	-4.6	-20.4	318.0	11.9	8.0	-6.8	314.8	319.0	1.3	27.8	5.5	67.
15.6	48.4	5114.0	550.0	-7.5	-18.5	322.5	13.9	8.4	-11.0	315.4	320.5	1.6	40.8	5.8	76.
16.8	51.2	5474.0	525.0	-10.7	-24.6	326.6	12.9	7.1	-10.8	315.6	319.1	1.1	32.6	6.3	84.
18.0	54.3	5848.4	500.0	-11.5	-31.7	319.6	11.4	7.4	-8.7	319.0	320.8	0.5	16.8	6.7	91.
19.4	57.3	6239.2	475.0	-14.6	-34.1	301.4	12.0	10.3	-6.3	319.8	321.4	0.4	17.1	7.5	96.
21.0	60.6	6647.1	450.0	-16.7	-35.7	287.4	13.5	12.9	-4.0	322.3	323.7	0.4	17.3	8.7	98.
22.7	64.0	7073.8	425.0	-20.0	-38.3	290.3	14.7	13.8	-5.1	323.3	324.4	0.3	17.7	10.1	100.
24.4	67.3	7520.2	400.0	-23.7	-41.2	285.4	14.8	14.3	-3.9	324.2	325.1	0.3	18.1	11.5	100.
26.2	70.8	7968.9	375.0	-26.8	-43.6	293.1	15.2	14.0	-6.0	326.1	326.9	0.2	18.4	13.2	101.
28.3	74.6	8482.8	350.0	-31.0	-47.0	299.4	16.9	14.8	-8.3	326.9	327.5	0.2	18.8	15.1	103.
30.5	78.7	9003.3	325.0	-35.4	-50.6	297.6	20.6	18.2	-5.5	327.8	328.2	0.1	19.3	17.5	106.
32.6	82.5	9556.1	300.0	-39.7	99.9	304.7	25.0	20.5	-14.2	329.4	999.9	99.9	999.9	20.2	108.
34.7	86.7	10145.2	275.0	-44.5	99.9	304.3	26.0	21.5	-14.7	330.8	999.9	99.9	999.9	23.5	110.
37.1	91.4	10775.3	250.0	-49.9	99.9	297.1	21.3	18.9	-9.7	331.9	999.9	99.9	999.9	26.7	112.
39.8	96.2	11457.4	225.0	-54.1	99.9	286.1	23.2	22.3	-6.4	335.6	999.9	99.9	999.9	30.0	111.
42.9	101.5	12202.0	200.0	-60.1	99.9	287.3	24.2	23.1	-7.2	337.6	999.9	99.9	999.9	34.4	111.
46.0	107.3	13028.5	175.0	-62.5	99.9	284.7	32.0	31.0	-8.1	346.9	999.9	99.9	999.9	39.6	110.
49.6	113.5	13992.9	150.0	-56.3	99.9	288.7	28.5	27.0	-9.1	373.1	999.9	99.9	999.9	46.5	109.
53.9	120.7	15142.3	125.0	-60.3	99.9	302.2	18.3	15.5	-9.8	385.8	999.9	99.9	999.9	52.4	109.
58.3	128.7	16562.3	100.0	-68.7	99.9	280.7	12.4	12.2	-2.3	395.0	999.9	99.9	999.9	56.7	110.
64.1	137.7	18217.3	75.0	-67.2	99.9	295.0	10.6	9.6	-4.5	432.1	999.9	99.9	999.9	62.2	109.
71.4	146.5	20706.1	50.0	-60.4	99.9	84.4	4.4	-4.4	-0.4	501.1	999.9	99.9	999.9	64.4	111.
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. 211
TAMPA, FLA

24 APRIL 1975
1430 GMT

166 13. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	8.0	1022.1	25.1	15.4	120.0	6.2	-5.4	3.1	297.9	326.7	10.9	55.0	0.0	0.
0.9	6.2	198.9	1000.0	22.2	12.8	118.4	7.7	-6.8	3.7	296.6	321.5	9.4	55.4	0.4	300.
1.7	8.4	418.5	975.0	20.2	12.5	134.2	8.3	-5.9	5.8	296.7	322.2	9.6	62.5	0.8	302.
2.6	10.5	642.1	950.0	17.8	12.2	138.3	8.8	-5.8	6.5	296.6	321.6	9.4	69.4	1.2	309.
3.4	12.5	869.8	925.0	15.7	10.6	136.7	9.5	-5.9	6.2	296.6	320.0	8.8	71.8	1.6	311.
4.3	14.9	1102.1	900.0	14.9	6.3	124.0	7.5	-6.2	4.2	297.8	316.0	6.7	56.2	2.1	311.
5.3	17.0	1340.0	875.0	14.4	-6.5	91.6	5.6	-5.6	0.2	299.1	306.8	2.7	22.9	2.4	308.
6.4	19.4	1584.5	850.0	14.1	-10.4	77.1	5.9	-5.8	-1.3	301.2	307.3	2.0	17.2	2.7	302.
7.4	21.5	1835.6	825.0	13.0	-11.3	68.4	6.6	-6.6	1.0	302.6	308.4	2.0	17.3	3.0	298.
8.3	24.0	2093.0	800.0	11.5	-12.4	109.0	4.8	-4.5	1.6	303.7	309.2	1.8	17.4	3.3	297.
9.4	26.3	2356.9	775.0	9.3	-14.1	65.2	2.1	-1.9	-0.9	304.1	309.1	1.7	17.5	3.5	296.
10.6	28.9	2628.5	750.0	9.5	-14.0	9.1	3.0	-0.5	-3.0	307.1	312.4	1.7	17.5	3.5	293.
11.6	31.5	2909.1	725.0	8.4	-14.8	354.4	2.7	0.3	-2.7	308.9	314.1	1.7	17.6	3.4	290.
12.8	34.2	3198.4	700.0	8.2	-15.5	6.4	2.9	-0.3	-2.9	311.7	316.9	1.6	16.9	3.4	287.
14.0	36.7	3497.9	675.0	6.8	-12.8	343.8	2.7	0.8	-2.6	313.5	320.1	2.1	23.2	3.3	283.
15.2	39.5	3806.6	650.0	4.6	-12.4	333.8	4.0	1.8	-3.6	314.5	321.6	2.3	27.8	3.2	281.
16.5	42.1	4125.0	625.0	2.8	-15.6	332.1	4.9	2.3	-4.3	315.9	321.6	1.8	24.3	3.0	275.
17.9	45.1	4454.1	600.0	0.5	-11.9	335.6	6.1	2.5	-5.6	317.0	325.0	2.6	38.9	2.8	268.
19.2	48.1	4794.0	575.0	-2.4	-10.3	337.5	9.6	3.7	-8.9	317.6	327.0	3.0	54.5	2.6	255.
20.5	51.0	5145.7	550.0	-4.4	-12.2	340.2	11.7	4.0	-11.0	319.2	327.7	2.7	54.4	2.7	236.
21.9	54.1	5511.2	525.0	-6.6	-15.4	337.2	11.8	4.6	-10.8	320.7	327.7	2.2	49.3	3.1	217.
23.4	57.1	5890.6	500.0	-9.3	-17.9	340.3	9.4	3.2	-8.9	321.9	328.0	1.9	49.2	3.7	204.
24.9	60.6	6285.2	475.0	-12.6	-21.3	326.6	7.2	4.0	-6.0	322.5	327.4	1.5	48.1	4.2	197.
26.5	64.0	6695.8	450.0	-15.8	-23.9	323.9	7.9	4.6	-6.4	323.5	327.6	1.2	49.7	4.7	190.
28.1	67.4	7124.7	425.0	-18.8	-27.4	308.5	9.8	7.6	-6.1	325.0	328.2	0.9	46.4	5.2	182.
29.7	70.9	7574.6	400.0	-20.7	-39.8	294.4	12.3	11.2	-5.1	328.1	329.2	0.3	16.5	5.8	173.
31.6	74.7	8049.5	375.0	-23.8	-35.0	296.9	14.5	13.0	-6.6	330.1	332.0	0.5	34.5	6.7	162.
33.4	78.8	8549.8	350.0	-27.8	-37.5	292.8	14.6	13.5	-5.7	331.2	332.8	0.4	38.9	7.9	153.
35.4	82.8	9077.6	325.0	-32.1	-40.0	299.4	14.0	12.2	-6.9	332.4	333.8	0.4	45.0	9.3	146.
37.3	87.0	9637.1	300.0	-36.9	-44.9	296.8	14.6	13.0	-6.6	333.3	334.1	0.2	43.0	10.8	143.
39.6	91.8	10232.8	275.0	-41.8	-59.9	253.6	17.1	15.7	-6.8	334.6	999.9	99.9	999.9	12.7	138.
41.9	96.6	10871.7	250.0	-46.8	-59.9	292.8	22.3	20.5	-8.6	336.5	999.9	99.9	999.9	15.2	134.
44.4	101.6	11561.2	225.0	-52.6	-59.9	298.1	26.0	23.0	-12.3	337.9	999.9	99.9	999.9	18.8	130.
47.2	107.5	12310.9	200.0	-58.8	-59.9	298.4	28.0	24.6	-13.3	339.7	999.9	99.9	999.9	23.1	128.
50.0	113.5	13138.7	175.0	-64.3	-59.9	292.8	28.5	26.3	-11.0	343.9	999.9	99.9	999.9	27.9	126.
53.6	120.3	14093.8	150.0	-60.2	-59.9	294.5	20.1	18.3	-8.3	366.4	999.9	99.9	999.9	32.8	124.
57.4	127.7	15220.3	125.0	-64.9	-59.9	300.0	21.2	18.4	-10.6	377.5	999.9	99.9	999.9	37.6	123.
61.8	136.0	16563.8	100.0	-70.6	-59.9	279.1	15.2	15.0	-2.4	391.4	999.9	99.9	999.9	41.7	121.
67.4	144.7	18249.5	75.0	-71.2	-59.9	303.9	8.5	7.0	-4.7	423.7	999.9	99.9	999.9	45.3	119.
75.2	154.3	20716.0	50.0	-60.6	-59.9	16.0	3.0	-0.8	-2.9	500.8	999.9	99.9	999.9	46.1	123.
87.3	164.3	25159.9	25.0	-52.9	-59.9	50.9	5.3	-4.1	-3.4	633.1	999.9	99.9	999.9	45.6	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

177

STATION NO. 213
WAYCROSS, GA

24 APRIL 1975
1503 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	44.0	1017.4	24.7	15.1	180.0	5.1	0.0	5.1	297.8	326.2	10.7	55.0	0.0	0.
0.4	4.6	195.2	1000.0	23.3	15.0	181.0	1.2	0.0	1.2	297.9	326.7	10.8	59.8	0.3	8.
0.9	6.3	415.5	975.0	20.7	13.2	181.4	3.5	0.1	3.5	297.3	323.5	9.9	62.1	0.4	7.
1.4	8.3	639.4	950.0	18.3	12.8	185.2	6.0	0.5	6.0	297.1	323.3	9.9	70.7	0.5	6.
2.1	10.3	867.5	925.0	15.9	11.9	195.7	6.2	1.7	6.0	296.8	322.1	9.5	77.1	0.8	7.
3.0	12.3	1095.9	900.0	14.5	6.5	200.8	6.2	2.2	5.8	297.4	316.1	6.9	59.8	1.1	11.
3.8	14.3	1338.3	875.0	14.5	7.7	203.8	4.6	1.9	4.2	299.9	320.6	7.6	63.9	1.4	12.
4.7	16.3	1582.7	850.0	12.5	8.8	224.8	5.1	3.6	3.6	300.3	323.3	8.4	78.6	1.6	15.
5.6	18.5	1833.3	825.0	11.5	2.2	264.4	4.1	4.0	0.4	301.6	318.9	6.3	60.7	1.8	22.
6.5	20.6	2090.8	800.0	12.0	-18.8	242.5	2.4	2.1	1.1	304.1	307.8	1.2	10.8	1.9	26.
7.5	22.7	2355.5	775.0	11.0	-18.9	210.5	2.6	1.3	2.2	305.8	309.4	1.1	10.7	2.1	27.
8.3	25.1	2627.7	750.0	8.8	-1.4	164.5	1.8	-0.5	1.7	306.7	320.0	4.6	48.7	2.2	26.
9.4	27.2	2907.7	725.0	7.1	-1.1	25.1	0.5	-0.2	-0.5	307.9	322.0	4.9	55.8	2.2	24.
10.4	29.7	3195.7	700.0	4.9	-1.7	328.9	1.7	0.9	-1.5	308.5	322.6	4.9	62.4	2.1	26.
11.5	32.2	3492.1	675.0	3.7	-2.2	308.8	2.5	2.0	-1.6	310.5	324.6	4.0	65.0	2.1	29.
12.6	34.7	3798.0	650.0	1.9	-2.1	317.4	4.6	3.1	-3.4	311.8	326.6	5.1	74.8	2.0	35.
13.7	37.1	4113.9	625.0	0.9	-6.1	316.7	6.3	4.3	-4.6	313.9	325.7	3.9	59.7	2.0	46.
15.0	39.6	4441.3	600.0	-1.0	-8.4	311.9	7.5	5.6	-5.0	315.4	325.7	3.4	57.2	2.0	60.
16.1	42.0	4779.7	575.0	-3.2	-10.2	307.6	8.7	6.9	-5.3	316.6	326.1	3.1	58.5	2.3	74.
17.4	44.9	5129.9	550.0	-6.1	-11.8	311.3	8.8	6.6	-5.8	317.1	325.9	2.8	64.3	2.7	85.
18.6	47.9	5492.4	525.0	-8.9	-13.9	307.5	10.2	8.1	-6.2	318.0	325.7	2.5	66.9	3.3	94.
19.9	50.7	5868.8	500.0	-11.1	-20.9	293.8	10.6	9.7	-4.3	319.7	324.4	1.5	44.5	4.0	100.
21.3	53.7	6261.0	475.0	-13.4	-23.3	281.6	12.1	11.9	-2.4	321.5	325.7	1.3	44.1	4.9	101.
22.8	56.7	6670.4	450.0	-16.2	-23.6	285.3	13.7	13.2	-3.6	322.9	327.1	1.3	52.7	6.0	101.
24.2	60.0	7095.4	425.0	-19.1	-25.5	288.3	15.7	14.9	-4.9	324.5	328.3	1.1	56.5	7.3	102.
25.8	63.4	7546.9	400.0	-22.2	-29.3	285.7	18.9	18.2	-5.1	326.1	329.0	0.8	52.3	9.0	103.
27.3	66.9	8018.3	375.0	-25.7	-34.7	284.9	19.4	18.8	-5.0	327.5	329.4	0.5	42.6	10.8	103.
29.1	70.6	8515.0	350.0	-29.3	-43.5	282.7	20.4	19.9	-4.5	329.2	330.1	0.2	23.7	12.9	103.
31.0	74.3	9040.4	325.0	-33.0	-48.1	285.4	21.4	20.7	-5.7	331.1	331.7	0.1	20.1	15.1	104.
33.0	78.7	9597.9	300.0	-37.9	-51.0	289.6	22.7	21.3	-7.6	331.9	332.3	0.1	23.7	17.9	104.
35.1	82.8	10190.7	275.0	-43.0	99.9	290.7	23.2	21.7	-8.2	332.9	999.9	99.9	999.9	20.8	105.
37.2	87.4	10827.2	250.0	-47.3	99.9	286.9	27.0	25.8	-7.8	335.7	999.9	99.9	999.9	23.9	105.
39.4	92.5	11514.5	225.0	-53.2	99.9	285.3	30.5	29.4	-8.0	337.0	999.9	99.9	999.9	27.5	106.
42.0	97.8	12264.7	200.0	-58.3	99.9	280.4	33.6	33.1	-6.1	340.5	999.9	99.9	999.9	32.8	105.
44.8	103.8	13097.8	175.0	-60.9	99.9	284.2	32.1	31.1	-7.9	349.5	999.9	99.9	999.9	37.8	104.
48.1	110.5	14056.5	150.0	-60.1	99.9	282.7	26.3	25.7	-5.8	366.6	999.9	99.9	999.9	43.5	104.
51.7	117.8	15189.3	125.0	-63.1	99.9	280.1	23.8	23.5	-4.2	380.8	999.9	99.9	999.9	48.6	104.
56.3	126.7	16551.4	100.0	-67.3	99.9	291.9	12.6	11.7	-4.7	397.8	999.9	99.9	999.9	54.4	104.
61.9	137.3	18269.4	75.0	-70.9	99.9	299.4	9.9	8.6	-4.8	424.2	999.9	99.9	999.9	58.3	104.
69.5	149.0	20751.5	50.0	-59.0	99.9	66.7	7.8	-7.2	-3.1	504.4	999.9	99.9	999.9	59.8	106.
81.3	161.0	25209.9	25.0	-50.5	99.9	212.2	0.9	0.5	0.7	639.5	999.9	99.9	999.9	60.3	106.

* BY SPEED MEANS ELEVATION 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. 220
APALACHICOLA, FLA

24 APRIL 1975
1430 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	11.0	1021.5	23.0	19.2	160.0	6.2	-2.1	5.8	296.2	332.3	13.8	79.0	0.0	0.
0.8	6.2	195.8	1000.0	20.0	16.2	172.0	11.0	-1.5	10.9	294.8	325.3	11.7	78.6	0.4	349.
1.6	8.3	414.1	975.0	18.9	13.9	183.7	12.2	0.8	12.2	295.5	322.7	10.3	72.8	1.0	353.
2.4	10.5	637.6	950.0	18.4	12.4	188.5	9.4	1.4	9.3	297.1	322.7	9.6	68.3	1.5	359.
3.2	12.5	866.1	925.0	17.1	13.2	185.2	6.1	0.6	6.1	298.2	326.0	10.4	78.1	1.9	0.
4.0	14.7	1099.8	900.0	15.3	12.6	198.8	4.9	1.6	4.6	298.7	326.2	10.3	83.8	2.1	1.
4.9	16.8	1338.8	875.0	14.3	10.7	223.6	5.3	3.6	3.8	299.9	324.9	9.3	78.7	2.4	5.
5.9	19.1	1583.4	850.0	12.6	8.5	221.8	4.4	2.9	3.2	300.5	323.0	8.3	76.1	2.6	10.
6.8	21.3	1834.9	825.0	14.1	-2.9	213.4	1.5	0.8	1.2	304.0	315.2	3.9	31.6	2.7	11.
7.8	23.7	2094.2	800.0	13.0	3.1	188.0	0.9	-0.2	0.9	305.8	322.8	6.0	50.8	2.7	11.
8.7	26.0	2360.3	775.0	11.3	0.5	161.2	2.4	-0.8	2.3	306.6	321.4	5.1	47.4	2.8	10.
9.7	28.4	2633.4	750.0	9.3	-2.8	176.0	3.2	-0.2	3.2	307.3	319.4	4.2	42.3	3.0	8.
10.8	31.0	2914.1	725.0	8.4	-3.3	210.5	2.7	1.4	2.3	309.2	321.4	4.2	43.7	3.2	9.
11.9	33.6	3203.4	700.0	6.4	-5.9	263.0	2.0	2.0	0.2	310.0	320.5	3.5	41.0	3.3	11.
13.0	36.1	3501.1	675.0	5.6	-7.8	326.6	3.2	1.8	-2.7	312.3	321.9	3.2	37.4	3.3	13.
14.3	38.9	3808.7	650.0	3.3	-6.3	347.3	6.0	1.3	-5.8	313.2	324.3	3.7	49.3	3.0	17.
15.5	41.4	4125.9	625.0	1.4	-10.6	334.8	8.2	3.5	-7.5	314.4	322.8	2.7	40.4	2.6	22.
16.7	44.3	4453.2	600.0	-1.2	-11.3	332.4	11.0	5.1	-9.8	315.1	323.4	2.7	45.8	2.2	39.
17.9	47.3	4790.9	575.0	-4.3	-11.1	344.4	11.9	3.2	-11.5	315.3	324.1	2.9	59.2	1.9	56.
19.2	50.2	5140.0	550.0	-6.7	-11.7	336.9	11.0	4.3	-10.1	316.4	325.2	2.8	67.9	1.9	84.
20.5	53.1	5502.4	525.0	-8.6	-14.2	329.9	11.6	5.8	-10.0	318.3	326.0	2.4	64.1	2.4	106.
22.0	56.1	5879.6	500.0	-10.4	-17.5	313.8	11.8	8.5	-8.2	320.6	326.8	1.9	55.6	3.3	117.
23.5	59.5	6272.8	475.0	-13.3	-20.1	303.4	11.9	9.9	-6.5	321.6	326.9	1.6	56.4	4.4	119.
24.9	62.9	6681.7	450.0	-16.6	-23.5	305.7	13.4	10.9	-7.8	322.5	326.7	1.3	55.1	5.3	120.
26.5	66.3	7108.8	425.0	-20.0	-25.0	312.7	14.9	11.0	-10.1	323.4	327.3	1.2	64.4	6.8	122.
28.1	70.0	7555.5	400.0	-23.3	-28.3	308.6	16.0	12.5	-10.0	324.7	327.9	0.9	63.3	8.3	124.
29.9	73.6	8026.2	375.0	-25.6	-36.1	304.1	15.4	12.8	-8.6	327.7	329.3	0.5	36.5	9.9	124.
31.7	77.5	8523.1	350.0	-29.1	-41.4	301.3	19.0	16.2	-9.9	329.5	330.6	0.3	29.1	11.8	124.
33.6	81.5	9049.0	325.0	-33.0	-47.7	302.8	20.3	17.0	-11.0	331.1	331.7	0.2	21.3	14.0	124.
35.6	85.7	9606.9	300.0	-37.3	-51.4	304.2	20.8	17.2	-11.7	332.7	333.2	0.1	21.0	16.5	124.
37.8	90.3	10231.2	275.0	-42.6	99.9	301.3	23.1	19.7	-12.0	333.5	999.9	99.9	999.9	19.4	124.
40.1	95.2	10837.0	250.0	-48.2	99.9	298.0	24.2	21.4	-11.4	334.5	999.9	99.9	999.9	22.1	124.
42.7	100.2	11523.2	225.0	-53.4	99.9	288.8	23.8	22.6	-7.7	336.7	999.9	99.9	999.9	26.1	122.
45.0	105.6	12272.6	200.0	-58.7	99.9	287.8	34.0	32.3	-10.4	339.9	999.9	99.9	999.9	29.9	120.
47.8	111.5	13100.2	175.0	-63.3	99.9	289.9	29.9	28.2	-10.2	345.5	999.9	99.9	999.9	35.9	118.
51.4	118.0	14061.0	150.0	-60.4	99.9	302.8	23.4	19.7	-12.7	366.0	999.9	99.9	999.9	41.0	119.
55.4	125.5	15180.5	125.0	-66.7	99.9	284.6	19.2	18.6	-4.8	374.2	999.9	99.9	999.9	45.9	119.
60.3	133.5	16519.1	100.0	-69.6	99.9	297.3	18.0	16.0	-8.3	393.3	999.9	99.9	999.9	52.4	118.
66.1	141.7	18227.7	75.0	-67.8	99.9	309.9	7.1	5.4	-4.5	430.9	999.9	99.9	999.9	56.0	118.
74.5	150.3	20706.2	50.0	-57.5	99.9	346.6	5.9	1.4	-8.7	508.0	999.9	99.9	999.9	56.7	120.
87.7	159.5	25149.6	25.0	-51.6	99.9	61.3	3.2	-2.8	-1.5	636.4	999.9	99.9	999.9	57.2	121.

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

STATION NO. 226
CENTERVILLE, ALA

24 APRIL 1975
1435 GMT

162 15. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	140.0	1003.9	19.0	17.3	180.0	4.1	0.0	4.1	293.5	325.9	12.5	90.0	0.0	0.
0.2	6.3	173.6	1000.0	18.3	16.7	188.8	9.3	1.4	9.2	293.1	324.3	12.1	90.4	0.2	11.
0.7	6.6	390.6	975.0	16.8	16.0	192.1	10.1	2.1	9.8	293.6	324.3	11.8	95.1	0.3	10.
1.4	10.8	612.4	950.0	16.0	15.2	209.7	13.7	6.8	11.9	294.9	325.0	11.5	95.0	0.8	14.
2.3	13.3	839.6	925.0	15.2	12.7	223.4	16.3	11.2	11.9	296.2	322.8	10.1	85.0	1.6	27.
3.0	15.6	1072.3	900.0	14.9	11.5	225.8	15.7	11.3	11.0	298.1	323.6	9.5	80.2	2.3	33.
3.9	18.1	1311.1	875.0	14.4	11.8	232.4	13.5	10.7	8.3	300.1	327.1	10.0	84.8	3.1	37.
4.7	20.5	1556.0	850.0	12.6	11.2	237.1	14.6	12.3	8.0	300.6	327.3	9.9	91.0	3.7	40.
5.6	22.9	1806.5	825.0	11.0	9.6	241.4	13.6	11.9	5.5	301.4	326.3	9.2	90.9	4.4	43.
6.6	25.5	2053.4	800.0	9.6	8.0	244.3	14.7	13.3	6.4	302.4	325.6	8.4	89.8	5.2	46.
7.5	28.0	2326.7	775.0	7.6	6.3	242.7	15.1	13.4	6.9	303.0	324.5	7.8	91.3	5.9	49.
8.3	30.7	2596.7	750.0	6.0	4.9	240.3	15.7	13.6	7.8	304.1	324.3	7.3	92.2	6.7	50.
9.1	33.4	2873.7	725.0	5.7	-23.5	239.4	15.1	13.0	7.7	305.8	308.4	0.8	10.4	7.4	51.
10.1	36.0	3162.5	700.0	7.4	-19.4	245.9	16.1	14.7	6.5	310.9	314.6	1.2	12.7	8.3	52.
11.0	38.9	3460.6	675.0	5.4	-15.1	255.3	18.1	17.5	4.6	311.9	317.4	1.7	21.0	9.2	54.
12.0	41.6	3767.6	650.0	2.7	-16.5	259.8	20.0	19.8	3.5	312.2	317.3	1.6	22.6	10.3	57.
13.0	44.5	4083.3	625.0	0.2	-16.3	262.1	19.8	19.7	2.7	312.9	318.3	1.7	27.7	11.5	59.
14.0	47.5	4403.0	600.0	-2.3	-16.7	270.3	20.1	20.1	-0.1	313.7	319.1	1.7	32.0	12.5	61.
15.1	50.5	4745.6	575.0	-4.8	-10.7	279.8	18.9	18.5	-3.2	314.7	323.7	2.0	63.6	13.7	65.
16.3	53.6	5093.6	550.0	-7.6	-11.6	280.6	16.3	16.0	-3.0	315.4	324.2	2.9	73.0	14.5	68.
17.4	56.6	5454.2	525.0	-10.2	-17.5	280.4	19.1	18.8	-3.5	316.3	322.2	1.8	54.9	15.7	70.
18.8	60.0	5827.6	500.0	-13.8	-23.7	286.7	20.2	19.3	-5.8	316.3	320.0	1.1	42.9	17.0	73.
19.9	63.4	6216.0	475.0	-15.4	-47.5	277.7	20.4	20.3	-2.7	318.9	320.0	0.3	34.0	18.2	75.
21.5	66.7	6622.9	450.0	-17.3	-60.9	271.9	20.6	20.6	-0.7	321.4	321.5	0.0	1.0	20.0	77.
22.9	70.2	7046.0	425.0	-20.4	-62.9	276.0	18.4	18.3	-1.9	322.8	322.9	0.0	1.0	21.6	76.
24.4	73.8	7494.4	400.0	-24.1	-65.3	277.1	17.8	17.7	-2.2	323.6	323.7	0.0	1.0	23.2	79.
26.0	77.7	7962.0	375.0	-27.8	-35.8	275.6	21.1	21.0	-2.1	324.7	325.0	0.1	7.0	24.9	81.
27.5	81.5	8453.7	350.0	-32.0	-53.8	275.9	21.4	21.3	-2.2	325.6	325.8	0.1	9.7	26.8	82.
29.1	85.6	8972.8	325.0	-36.5	-43.3	268.3	20.6	20.6	0.6	326.3	327.3	0.2	49.1	28.7	82.
30.9	89.8	9522.2	300.0	-41.1	99.9	264.4	24.7	24.5	2.4	327.5	999.9	99.9	999.9	31.3	83.
32.9	94.6	10107.3	275.0	-46.2	99.9	268.4	26.2	26.2	0.8	328.4	999.9	99.9	999.9	34.6	83.
35.1	99.2	10732.8	250.0	-51.9	99.9	271.6	24.9	24.8	-0.7	328.9	999.9	99.9	999.9	38.0	84.
37.6	104.3	11410.2	225.0	-55.2	99.9	283.7	27.2	26.4	-6.4	333.9	999.9	99.9	999.9	41.8	85.
40.2	109.8	12157.4	200.0	-58.2	99.9	285.4	27.3	26.4	-7.3	340.6	999.9	99.9	999.9	46.5	87.
43.5	115.6	12996.6	175.0	-59.8	99.9	257.4	28.6	28.6	1.3	351.3	999.9	99.9	999.9	51.5	87.
47.2	122.3	13959.4	150.0	-59.2	99.9	272.9	30.5	30.4	-1.5	368.1	999.9	99.9	999.9	57.9	88.
51.6	129.3	15093.9	125.0	-62.7	99.9	276.8	22.5	22.3	-2.6	381.5	999.9	99.9	999.9	65.2	89.
56.7	137.0	16446.4	100.0	-68.7	99.9	269.5	21.6	21.6	0.2	395.0	999.9	99.9	999.9	72.1	89.
62.5	144.7	18166.3	75.0	-68.9	99.9	272.1	17.8	17.8	-0.6	428.4	999.9	99.9	999.9	77.1	89.
71.2	153.3	20663.2	50.0	-57.5	99.9	78.7	3.1	-3.1	-0.6	508.0	999.9	99.9	999.9	79.0	90.
84.5	162.3	25099.2	25.0	-51.1	99.9	149.1	0.3	-0.2	0.3	638.0	999.9	99.9	999.9	79.4	91.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1415 GMT

161 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	1.0	1018.8	24.3	22.6	150.0	4.6	-2.3	4.0	298.2	342.9	17.2	90.0	0.0	0.
0.6	6.3	164.1	1000.0	22.5	21.3	163.6	10.8	-3.1	10.4	297.8	340.1	16.2	93.3	0.3	341.
1.4	8.6	365.0	975.0	21.3	19.9	174.4	11.2	-1.1	11.2	298.6	338.5	15.2	92.1	0.8	345.
2.1	10.9	610.3	950.0	19.5	18.2	181.3	11.7	0.3	11.7	298.8	335.8	14.0	92.6	1.3	351.
2.9	13.1	840.2	925.0	18.4	16.3	183.4	11.5	0.7	11.4	299.8	333.7	12.8	87.7	1.9	355.
3.8	15.4	1075.3	900.0	17.5	10.5	183.8	9.6	0.6	9.6	300.7	325.0	8.9	63.8	2.4	357.
4.7	17.5	1316.5	875.0	18.0	5.6	191.0	7.9	1.5	7.7	303.4	321.7	6.5	44.0	2.9	358.
5.5	20.1	1564.1	850.0	16.7	4.2	201.8	7.7	2.9	7.1	304.5	321.6	6.1	43.3	3.2	0.
6.5	22.4	1814.1	825.0	15.4	2.7	203.9	7.7	3.1	7.1	305.7	321.7	5.6	42.2	3.7	3.
7.4	24.9	2078.2	800.0	13.4	0.0	208.1	7.5	3.5	6.6	306.1	319.9	4.8	39.8	4.0	5.
8.4	27.2	2344.9	775.0	12.3	-2.3	217.6	8.3	5.1	6.6	307.6	319.9	4.2	36.0	4.5	8.
9.5	29.9	2619.2	750.0	11.0	-12.9	225.1	6.5	4.6	4.6	309.4	315.2	1.9	16.6	4.9	12.
10.5	32.6	2902.4	725.0	11.7	-15.6	242.9	2.8	2.5	1.3	312.5	317.4	1.6	13.2	5.1	13.
11.5	35.2	3194.9	700.0	10.4	-13.7	299.9	2.2	1.9	-1.1	314.2	320.2	1.9	16.8	5.2	15.
12.6	37.8	3495.9	675.0	7.8	-15.6	320.2	2.0	1.6	-2.0	314.6	319.9	1.7	17.1	5.1	16.
13.8	40.5	3805.3	650.0	5.1	-15.9	314.0	2.9	2.1	-2.0	314.9	320.3	1.7	20.2	5.0	18.
15.0	43.3	4123.5	625.0	2.2	-15.5	315.7	3.2	2.2	-2.3	315.2	321.0	1.8	25.6	4.9	21.
16.3	46.2	4451.1	600.0	-1.2	-14.5	324.1	4.3	2.5	-3.4	315.0	321.5	2.1	35.4	4.8	23.
17.5	49.3	4788.8	575.0	-4.3	-12.6	323.1	4.5	2.7	-3.6	315.2	323.1	2.5	52.5	4.6	27.
18.7	52.1	5137.5	550.0	-7.2	-12.6	284.9	4.0	3.8	-1.0	315.9	324.0	2.6	65.1	4.5	30.
19.9	55.0	5459.1	525.0	-9.2	-12.8	265.6	6.2	6.2	0.0	317.7	326.2	2.7	75.2	4.7	34.
21.1	57.9	5875.0	500.0	-11.9	-15.4	268.4	7.7	7.7	0.2	318.8	326.2	2.3	75.0	5.1	39.
22.5	61.3	6265.6	475.0	-14.4	-22.3	262.2	9.7	9.6	1.3	320.3	324.8	1.4	52.7	5.5	44.
24.0	64.9	6675.1	450.0	-15.7	-25.3	268.0	12.5	12.5	0.4	323.6	327.2	1.1	43.4	6.3	50.
25.6	68.1	7104.5	425.0	-17.8	-28.0	268.6	14.9	14.9	0.4	326.2	329.3	0.9	40.3	7.4	56.
27.2	71.6	7555.1	400.0	-21.5	-31.0	276.4	18.2	18.2	-0.1	327.1	329.6	0.7	41.7	8.8	62.
28.9	75.4	8027.1	375.0	-25.8	-32.4	274.0	19.1	19.1	-1.3	327.4	329.8	0.7	53.9	10.5	67.
30.6	79.2	8523.6	350.0	-28.3	-45.0	270.1	21.0	21.0	-0.0	330.5	331.2	0.2	18.2	12.3	71.
32.3	83.2	9049.3	325.0	-33.5	-47.0	277.2	20.7	20.6	-2.6	330.4	331.0	0.2	24.2	14.3	74.
34.3	87.3	9605.8	300.0	-37.6	-48.2	285.2	27.2	26.3	-7.2	332.2	332.8	0.2	31.8	16.8	79.
36.3	92.0	10200.5	275.0	-41.4	99.9	274.4	31.8	31.7	-2.5	335.2	999.9	99.9	999.9	20.4	83.
38.7	96.6	10841.0	250.0	-46.7	99.9	276.8	31.5	31.3	-3.7	336.7	999.9	99.9	999.9	24.8	85.
41.0	101.5	11531.1	225.0	-52.5	99.9	281.9	33.5	32.8	-6.9	338.0	999.9	99.9	999.9	29.1	87.
43.5	107.2	12281.5	200.0	-58.5	99.9	274.0	30.9	30.8	-2.2	340.1	999.9	99.9	999.9	34.0	89.
46.3	113.0	13107.1	175.0	-64.8	99.9	271.7	27.1	27.1	-0.8	343.0	999.9	99.9	999.9	38.8	90.
49.8	119.7	14058.0	150.0	-60.6	99.9	276.3	31.3	31.1	-3.4	365.8	999.9	99.9	999.9	45.5	90.
53.9	127.0	15185.0	125.0	-63.3	99.9	272.6	22.5	22.5	-1.0	380.3	999.9	99.9	999.9	51.7	91.
58.4	135.0	16535.6	100.0	-69.8	99.9	274.1	14.4	14.4	-1.0	392.9	999.9	99.9	999.9	57.3	91.
64.2	143.9	18236.1	75.0	-70.0	99.9	240.8	5.8	5.0	2.8	426.1	999.9	99.9	999.9	60.6	92.
72.0	151.7	20708.9	50.0	-58.0	99.9	4.4	2.2	-0.2	-2.2	507.0	999.9	99.9	999.9	61.6	91.
83.7	160.3	25154.0	25.0	-52.0	99.9	68.7	2.5	-2.4	-0.9	635.7	999.9	99.9	999.9	61.1	93.

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

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
1415 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	100.0	1006.0	23.6	21.1	180.0	5.7	0.0	5.7	298.4	340.0	15.9	86.0	0.0	0.
0.1	4.5	152.5	1000.0	22.8	20.7	183.4	6.0	0.4	6.0	298.1	338.7	15.6	87.8	0.1	2.
1.0	6.2	373.0	975.0	20.5	19.0	186.6	8.1	1.2	8.0	297.7	335.4	14.4	91.2	0.4	6.
1.6	6.1	557.4	950.0	18.5	17.5	202.6	9.7	3.7	8.9	297.7	332.9	13.4	94.2	0.8	9.
2.7	10.0	826.4	925.0	17.0	15.7	214.5	12.8	7.2	10.5	298.4	330.8	12.3	91.9	1.5	20.
3.5	11.8	1060.5	900.0	15.7	14.0	217.5	13.7	8.4	10.9	299.2	329.2	11.2	89.2	2.1	25.
4.4	13.2	1299.6	875.0	13.9	12.0	222.6	14.5	9.8	10.7	299.6	326.9	10.2	88.4	2.8	29.
5.3	15.7	1544.1	850.0	12.3	10.2	224.8	14.4	10.2	10.2	300.2	325.2	9.2	87.1	3.6	32.
6.3	17.8	1794.3	825.0	11.1	7.1	228.6	16.4	12.3	10.9	301.3	322.5	7.7	76.4	4.5	35.
7.3	19.8	2052.1	800.0	12.9	-1.9	237.4	20.5	17.3	11.1	305.4	317.5	4.2	35.8	5.6	34.
9.3	21.8	2318.9	775.0	12.9	-5.9	245.4	20.9	19.0	8.7	308.1	317.6	3.2	26.4	6.8	43.
9.4	24.0	2554.8	750.0	14.2	-5.2	248.5	20.2	18.8	7.4	312.4	322.8	3.5	25.6	8.1	47.
10.4	26.1	2879.7	725.0	12.1	-7.8	248.9	17.7	16.5	6.4	313.2	322.1	2.9	23.9	9.2	50.
11.4	28.3	3172.4	700.0	10.0	-10.2	247.1	17.7	16.3	6.9	313.9	321.6	2.5	23.0	10.2	52.
12.6	30.6	3473.0	675.0	7.2	-11.6	243.6	17.6	15.7	7.8	313.9	321.2	2.3	24.8	11.3	53.
13.7	33.1	3781.5	650.0	4.0	-10.2	243.7	17.1	15.3	7.6	313.8	322.1	2.7	34.5	12.5	54.
14.9	35.5	4098.9	625.0	1.1	-11.4	245.1	16.2	14.7	6.8	314.0	321.9	2.6	38.6	13.7	55.
16.2	37.9	4425.5	600.0	-2.1	-9.8	254.3	15.3	14.8	4.2	314.1	323.3	3.0	55.3	14.8	56.
17.4	40.4	4762.8	575.0	-4.3	-10.6	258.9	19.5	19.1	3.7	315.4	324.5	3.0	60.9	16.0	58.
18.8	43.0	5111.4	550.0	-7.3	-12.3	261.2	20.9	20.7	3.2	315.7	323.8	2.6	64.7	17.6	60.
20.1	45.8	5472.7	525.0	-9.8	-13.1	260.5	21.0	20.8	3.5	316.9	325.2	2.7	76.8	19.1	61.
21.5	48.6	5847.6	500.0	-12.4	-17.7	266.0	21.8	21.8	1.5	318.1	324.2	1.9	65.2	20.9	63.
22.9	51.3	6237.8	475.0	-15.1	-22.5	265.4	21.3	21.2	1.7	319.4	323.8	1.3	53.6	22.5	65.
24.4	54.4	6645.0	450.0	-17.4	-30.0	260.8	23.7	23.4	3.8	321.4	323.8	0.7	32.0	24.4	67.
25.9	57.3	7070.4	425.0	-20.6	-36.4	260.7	21.0	20.7	3.4	322.5	323.9	0.4	22.6	26.3	68.
27.6	60.6	7515.6	400.0	-24.5	-39.7	263.6	19.8	19.7	2.2	323.1	324.2	0.3	22.9	28.5	69.
29.4	64.0	7982.3	375.0	-28.0	-42.6	267.2	24.8	24.7	1.2	324.4	325.3	0.2	23.1	30.6	70.
31.2	67.3	8473.7	350.0	-32.2	-46.2	270.8	23.0	23.0	-0.3	325.2	325.9	0.2	23.3	33.2	71.
33.1	70.9	8992.0	325.0	-36.4	-49.7	275.1	19.6	19.5	-1.7	326.4	326.9	0.1	23.6	35.4	73.
35.4	74.8	9540.9	300.0	-41.5	99.9	271.1	25.7	25.7	-6.5	326.9	999.9	99.9	99.9	38.4	74.
37.6	78.8	10126.0	275.0	-45.6	99.9	277.2	20.9	20.7	-2.6	329.2	999.9	99.9	99.9	41.5	76.
39.9	83.0	10753.4	250.0	-50.4	99.9	273.1	28.7	28.6	-1.5	331.1	999.9	99.9	99.9	44.6	77.
42.2	87.6	11434.9	225.0	-54.4	99.9	275.9	34.0	33.8	-3.5	335.2	999.9	99.9	99.9	48.7	79.
45.0	92.8	12152.6	200.0	-57.7	99.9	279.6	29.8	29.4	-5.0	341.3	999.9	99.9	99.9	53.9	81.
47.9	98.3	13022.7	175.0	-59.7	99.9	263.9	24.1	23.9	2.5	351.4	999.9	99.9	99.9	58.4	82.
51.3	104.5	13985.3	150.0	-59.9	99.9	270.6	34.8	34.8	-0.3	366.8	999.9	99.9	99.9	64.5	82.
55.3	111.7	15118.6	125.0	-61.9	99.9	270.8	25.9	25.9	-0.0	383.0	999.9	99.9	99.9	72.1	83.
60.0	120.5	16476.5	100.0	-68.4	99.9	259.9	15.0	14.7	2.6	395.6	999.9	99.9	99.9	76.5	83.
65.6	131.5	18205.6	75.0	-67.8	99.9	306.8	9.4	7.5	-5.6	430.8	999.9	99.9	99.9	82.2	83.
73.3	144.5	20694.8	50.0	-57.0	99.9	293.1	6.0	5.5	-2.3	509.2	999.9	99.9	99.9	84.4	83.
85.7	159.5	25159.1	25.0	-51.8	99.9	6.3	2.7	-0.3	-2.7	636.0	999.9	99.9	99.9	84.0	85.

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

STATION NO. 240
LAKE CHARLES, LA

24 APRIL 1975
1415 GHT

165 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.6	5.0	1015.4	23.3	21.7	160.0	9.3	-3.2	8.7	297.4	340.0	16.4	91.0	0.0	0.
0.3	4.9	138.8	1000.0	22.6	21.2	999.9	99.9	99.9	99.9	297.9	339.8	16.1	92.0	999.9	999.
1.0	6.8	359.7	975.0	21.5	19.9	999.9	99.9	99.9	99.9	298.8	338.8	15.2	91.0	999.9	999.
1.8	9.2	585.4	950.0	22.1	12.6	193.8	15.4	3.7	14.9	300.9	327.2	9.7	54.8	1.7	1.
2.4	11.3	817.2	925.0	21.9	9.2	159.3	12.8	4.2	12.0	302.8	324.7	8.0	44.4	2.1	5.
3.4	13.6	1054.3	900.0	19.9	7.9	200.1	11.5	4.0	10.8	303.0	323.7	7.4	45.7	2.8	9.
4.1	15.8	1296.5	875.0	18.3	6.8	198.0	13.2	4.1	12.5	303.8	323.6	7.1	46.9	3.3	11.
4.9	18.3	1544.5	850.0	16.6	9.5	201.6	12.5	4.6	11.6	304.7	329.1	8.8	62.9	3.9	12.
5.8	20.6	1798.1	825.0	14.6	7.3	209.3	14.7	7.2	12.8	305.1	326.8	7.8	61.5	4.6	14.
6.7	23.1	2057.9	800.0	13.9	1.8	208.7	16.4	7.8	14.4	306.7	322.3	6.5	43.8	5.5	16.
7.5	25.6	2325.4	775.0	13.1	-1.1	214.1	16.3	9.1	13.5	308.5	321.9	4.6	37.4	6.3	18.
8.3	28.1	2601.1	750.0	14.5	-14.9	228.1	14.4	10.7	9.6	312.5	317.6	1.6	11.6	7.0	20.
9.2	30.8	2887.2	725.0	14.1	-8.2	239.9	13.4	11.6	6.7	315.3	324.1	2.9	20.6	7.6	24.
10.2	33.6	3181.9	700.0	12.1	-11.2	237.9	12.9	10.9	6.8	316.1	323.4	2.3	18.4	8.2	27.
10.9	36.1	3494.9	675.0	9.6	-9.9	233.5	13.3	10.7	7.9	316.8	325.1	2.7	24.1	8.7	29.
11.8	39.1	3796.6	650.0	7.1	-10.6	232.9	12.9	10.3	7.8	317.3	325.5	2.6	26.9	9.4	30.
12.6	41.8	4117.1	625.0	3.8	-12.2	238.8	11.6	9.9	6.0	317.1	324.7	2.4	29.9	9.9	32.
13.6	44.8	4447.1	600.0	1.1	-11.9	251.9	10.9	10.4	3.4	317.7	325.7	2.6	37.1	10.5	34.
14.6	47.9	4788.0	575.0	-1.6	-13.0	255.8	11.8	11.6	2.1	318.4	326.1	2.4	41.2	11.0	36.
15.8	50.8	5139.9	550.0	-4.9	-14.3	255.3	11.9	11.5	3.0	318.6	325.8	2.3	47.6	11.6	39.
17.0	54.1	5593.9	525.0	-7.7	-13.3	236.9	8.7	7.3	4.7	319.5	327.7	2.6	64.1	12.2	41.
18.3	57.3	5881.6	500.0	-10.7	-13.3	222.3	10.3	6.9	7.6	320.3	328.9	2.8	81.5	13.0	41.
19.7	60.7	6274.1	475.0	-13.6	-19.5	231.3	13.7	10.7	8.5	321.3	326.8	1.7	61.1	13.9	41.
21.0	64.3	6683.6	450.0	-15.8	-29.8	244.2	16.1	14.5	7.0	323.4	325.9	0.7	28.8	15.1	43.
22.5	67.7	7112.3	425.0	-18.9	-31.5	253.2	18.0	17.2	5.2	324.7	327.0	0.6	31.9	16.5	45.
23.8	71.3	7560.9	400.0	-22.4	-33.8	269.5	18.9	18.9	0.2	325.8	327.8	0.5	34.4	17.6	48.
25.2	75.3	8030.9	375.0	-26.7	-34.6	271.1	20.9	20.9	-0.4	326.2	328.1	0.5	46.7	18.9	51.
26.8	79.6	8524.6	350.0	-30.0	-30.7	276.6	20.4	20.4	-0.2	328.2	328.6	0.1	11.2	20.5	55.
28.7	83.8	9048.3	325.0	-34.1	-32.2	270.4	22.9	22.9	-0.2	329.5	329.9	0.1	14.0	22.4	58.
30.7	88.2	9604.1	300.0	-37.6	-38.4	272.3	29.2	29.2	-1.2	332.2	332.4	0.0	9.3	25.0	62.
32.7	93.0	10199.0	275.0	-41.9	99.9	270.7	34.6	34.6	-0.4	334.5	999.9	99.9	999.9	28.3	66.
34.9	98.0	10838.3	250.0	-46.6	99.9	272.5	36.4	36.4	-1.6	336.9	999.9	99.9	999.9	32.7	70.
37.3	103.2	11528.6	225.0	-52.4	99.9	274.8	35.4	35.3	-3.0	338.2	999.9	99.9	999.9	37.8	73.
39.9	109.0	12278.4	200.0	-58.6	99.9	278.3	36.8	36.4	-5.3	340.0	999.9	99.9	999.9	42.6	76.
42.8	115.2	13109.1	175.0	-62.8	99.9	286.8	35.7	34.2	-10.4	346.4	999.9	99.9	999.9	48.3	79.
46.5	122.0	14061.1	150.0	-60.0	99.9	266.1	34.0	33.9	2.3	366.7	999.9	99.9	999.9	55.7	81.
50.4	129.3	15155.1	125.0	-62.6	99.9	257.8	22.0	21.5	4.6	381.6	999.9	99.9	999.9	61.8	83.
55.3	137.3	16548.0	100.0	-69.2	99.9	270.9	21.1	21.1	-0.3	394.1	999.9	99.9	999.9	68.3	82.
61.3	145.5	18257.7	75.0	-68.2	99.9	265.6	13.0	12.9	1.0	429.9	999.9	99.9	999.9	72.4	82.
69.2	154.3	20741.8	50.0	-59.5	99.9	267.4	3.2	3.2	0.1	503.3	999.9	99.9	999.9	75.0	83.
81.5	163.7	25188.6	25.0	-51.4	99.9	42.0	2.1	-1.4	-1.6	637.2	999.9	99.9	999.9	75.5	84.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1508 GMT

165 10. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	75.0	1004.7	23.3	18.4	190.0	7.2	1.3	7.1	297.9	333.1	13.4	74.0	0.0	C.
0.1	4.6	120.2	1000.0	23.4	19.1	192.8	7.6	1.7	7.4	298.5	335.5	14.1	76.5	0.1	5.
1.1	6.4	341.5	975.0	21.6	18.7	199.1	8.6	2.8	8.2	298.7	335.8	14.1	83.8	0.6	13.
2.0	8.4	566.7	950.0	19.3	18.0	206.4	11.5	5.1	10.3	298.7	335.2	13.9	92.1	1.1	18.
2.9	10.4	796.6	925.0	18.3	16.4	210.9	14.1	7.3	12.1	299.7	333.7	12.8	88.6	1.8	22.
3.9	12.3	1032.1	900.0	18.9	11.4	220.5	20.2	13.1	15.3	302.2	328.2	9.5	63.0	2.8	27.
4.9	14.5	1275.3	875.0	19.8	12.0	226.6	22.0	16.0	15.1	305.7	333.7	10.1	60.7	4.1	33.
5.9	16.5	1524.7	850.0	17.9	11.4	232.6	22.4	17.8	13.6	306.2	334.0	10.1	66.1	5.4	37.
6.9	18.6	1779.7	825.0	15.8	8.2	233.2	24.2	19.3	14.5	306.5	329.7	8.3	60.5	6.6	40.
7.9	20.8	2040.9	800.0	15.7	-0.0	240.3	20.5	17.8	10.1	308.5	322.5	4.8	34.6	8.1	43.
9.0	23.0	2310.2	775.0	15.2	-4.2	245.8	15.9	14.5	6.5	311.3	322.1	3.6	24.9	9.3	46.
10.1	25.3	2587.6	750.0	13.9	-5.8	241.3	10.5	9.2	5.0	312.1	322.1	3.3	25.0	10.0	47.
11.2	27.5	2872.2	725.0	11.9	-5.0	234.2	6.4	5.2	3.7	313.0	324.0	3.7	30.4	10.5	48.
12.4	30.0	3164.8	700.0	10.5	-8.6	236.1	6.2	5.1	3.5	314.5	323.3	2.9	25.1	10.9	48.
13.5	32.6	3466.1	675.0	7.8	-12.5	257.6	7.3	7.1	1.6	314.6	321.5	2.2	22.3	11.3	48.
14.8	35.2	3776.1	650.0	6.1	-15.0	261.9	11.7	11.6	1.7	316.1	321.9	1.8	20.3	11.9	50.
15.9	37.6	4096.0	625.0	3.7	-14.9	254.1	13.4	12.9	3.7	315.9	323.0	1.9	24.3	12.7	52.
17.1	40.3	4425.5	600.0	0.6	-17.0	250.1	15.0	14.1	5.1	317.0	322.4	1.7	25.3	13.7	54.
18.4	42.9	4765.1	575.0	-2.3	-20.1	258.6	15.3	15.0	3.0	317.5	321.8	1.3	23.9	14.8	56.
19.7	45.9	5115.7	550.0	-5.9	-22.4	271.9	16.8	16.8	-0.6	317.2	321.0	1.1	25.6	15.9	58.
21.2	48.8	5478.0	525.0	-9.0	-24.2	269.0	17.2	17.2	0.3	317.7	320.9	1.0	26.2	17.2	61.
22.8	51.6	5854.4	500.0	-10.6	-29.7	251.4	19.5	18.5	6.2	320.1	322.3	0.6	19.0	18.8	62.
24.4	54.8	6246.8	475.0	-13.5	-31.8	252.3	20.1	19.2	6.1	321.2	323.1	0.6	19.6	20.7	63.
26.1	57.9	6655.3	450.0	-16.7	-35.2	257.3	19.3	18.8	4.3	322.2	323.7	0.4	18.3	22.7	64.
27.9	61.3	7083.1	425.0	-19.1	-37.7	261.2	19.2	18.9	2.9	324.4	325.7	0.3	17.5	24.7	65.
29.7	64.9	7530.7	400.0	-23.0	-40.8	264.2	18.5	18.4	1.9	325.0	326.0	0.3	17.8	26.7	67.
31.4	68.3	8000.2	375.0	-26.6	-43.7	267.5	18.3	18.3	0.8	326.3	327.1	0.2	18.0	28.5	68.
33.2	71.8	8494.6	350.0	-30.7	-46.9	273.3	19.3	19.2	-1.1	327.3	327.9	0.2	18.3	30.4	69.
35.4	75.2	9015.9	325.0	-35.1	-50.0	263.8	22.7	22.6	2.5	328.2	328.6	0.1	20.0	32.9	71.
37.9	80.0	9568.6	300.0	-39.3	99.9	270.5	26.8	26.8	-0.2	330.0	999.9	99.9	999.9	36.2	72.
40.1	84.4	10158.9	275.0	-44.0	99.9	271.6	26.4	26.4	-0.7	331.6	999.9	99.9	999.9	39.9	74.
42.7	88.8	10792.3	250.0	-48.7	99.9	277.1	24.3	24.1	-3.0	333.7	999.9	99.9	999.9	43.9	76.
45.5	94.0	11477.2	225.0	-53.6	99.9	273.6	33.7	33.7	-2.1	336.4	999.9	99.9	999.9	48.8	78.
48.8	99.4	12226.3	200.0	-56.8	99.9	277.0	36.4	36.2	-4.4	334.6	999.9	99.9	999.9	55.3	80.
52.1	105.0	13056.5	175.0	-61.8	99.9	278.2	28.3	28.0	-4.0	347.9	999.9	99.9	999.9	61.6	82.
56.2	111.2	14014.0	150.0	-59.4	99.9	264.6	31.8	31.7	3.0	367.7	999.9	99.9	999.9	70.1	83.
61.2	119.3	15152.3	125.0	-61.2	99.9	269.9	25.9	25.9	0.1	384.2	999.9	99.9	999.9	79.7	83.
66.2	127.7	16513.4	100.0	-67.2	99.9	261.6	26.4	26.1	3.9	398.0	999.9	99.9	999.9	85.7	83.
73.7	136.0	18252.1	75.0	-64.6	99.9	271.0	11.0	11.0	-0.2	437.5	999.9	99.9	999.9	94.1	82.
83.4	149.0	20760.3	50.0	-58.2	99.9	262.9	8.2	8.2	1.0	506.4	999.9	99.9	999.9	95.4	83.
99.1	161.0	25228.6	25.0	-49.8	99.9	346.4	2.7	0.6	-2.6	641.5	999.9	99.9	999.9	96.8	85.

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

STATION NO. 255
VICTORIA, TEX

24 APRIL 1975
1415 GMT

161 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	33.0	1009.1	25.0	20.5	170.0	7.7	-1.3	7.6	299.4	339.5	15.2	76.0	0.0	0.
0.2	4.8	112.9	1000.0	24.7	21.0	999.9	99.9	99.9	99.9	300.0	341.7	15.9	79.9	999.9	999.
0.4	6.6	334.9	975.0	22.0	20.5	999.9	99.9	99.9	99.9	299.5	340.9	15.8	90.8	999.9	999.
1.5	6.6	560.9	950.0	20.2	19.5	999.9	99.9	99.9	99.9	299.8	339.8	15.2	95.5	999.9	999.
2.5	10.6	791.3	925.0	19.6	10.5	176.6	17.0	-1.0	17.0	300.5	324.4	8.6	57.2	1.8	350.
3.2	12.6	1027.6	900.0	20.6	3.6	178.8	19.2	-0.4	19.2	303.5	319.1	5.5	32.7	2.7	352.
4.1	14.8	1270.3	875.0	19.0	3.4	179.6	20.3	-0.1	20.3	304.3	320.1	5.6	35.4	3.7	354.
4.8	16.7	1518.4	850.0	17.0	5.4	179.8	21.0	-0.1	21.0	304.8	323.6	6.7	46.8	4.6	355.
5.7	19.0	1772.3	825.0	15.8	3.4	174.6	19.7	-1.8	19.6	306.1	323.0	6.0	43.6	5.6	356.
6.5	21.1	2033.3	800.0	15.3	-6.9	181.8	19.1	0.6	19.1	307.9	316.6	2.9	21.6	6.7	356.
7.5	23.5	2302.9	775.0	16.7	-18.4	194.0	15.5	3.7	15.1	311.9	315.7	1.2	7.6	7.6	358.
8.4	25.7	2581.6	750.0	17.0	-20.4	194.2	11.4	2.8	11.0	315.1	318.4	1.0	6.2	8.4	360.
9.4	28.1	2869.2	725.0	15.9	-21.5	200.6	7.5	2.6	7.0	317.0	320.2	0.9	6.0	8.8	0.
10.4	30.7	3165.5	700.0	13.8	-21.7	214.4	5.2	3.2	4.1	317.9	321.0	1.0	6.8	9.2	2.
11.4	33.2	3470.1	675.0	10.9	-2.9	247.4	4.3	4.0	1.7	318.5	332.4	4.6	37.7	9.3	3.
12.4	35.7	3783.7	650.0	8.5	-6.8	255.4	5.9	5.7	1.5	319.0	330.0	3.6	33.2	9.4	4.
13.5	38.3	4106.1	625.0	5.5	-8.6	252.6	7.1	6.8	2.1	319.2	329.1	3.2	35.3	9.5	7.
14.5	40.8	4438.2	600.0	2.5	-8.2	243.4	8.3	7.4	3.7	319.4	330.0	3.4	45.0	9.8	9.
15.7	43.7	4780.4	575.0	-0.8	-10.0	258.8	7.8	7.7	1.5	319.4	329.1	3.1	49.9	10.1	12.
16.9	46.6	5133.5	550.0	-4.0	-14.2	282.2	8.3	8.1	-1.7	319.6	327.0	2.3	44.8	10.3	15.
18.1	49.5	5498.9	525.0	-6.4	-20.9	290.0	10.2	9.5	-3.5	320.9	325.4	1.4	30.4	10.2	19.
19.4	52.4	5878.3	500.0	-9.3	-23.6	277.1	11.9	11.8	-1.5	321.7	325.5	1.1	30.3	10.3	24.
20.8	55.6	6272.9	475.0	-12.2	-25.5	260.8	14.0	13.8	2.2	322.9	326.3	1.0	31.9	10.8	29.
22.2	58.8	6683.8	450.0	-15.3	-40.2	248.3	14.3	13.3	5.3	324.0	324.9	0.2	9.7	11.7	33.
23.7	62.3	7113.0	425.0	-18.4	-34.5	244.3	16.7	15.0	7.3	325.4	327.1	0.5	22.6	12.9	36.
25.3	65.7	7562.1	400.0	-22.5	-34.0	250.6	18.2	17.2	6.0	325.7	327.6	0.5	33.9	14.3	39.
26.9	69.3	8034.2	375.0	-24.4	-44.2	264.9	23.2	23.1	2.0	329.3	330.1	0.2	14.4	16.1	44.
28.9	73.0	8533.7	350.0	-27.2	-36.8	277.2	26.6	26.4	-3.3	332.0	333.7	0.5	39.3	17.9	51.
30.6	77.0	9063.6	325.0	-31.0	-38.4	273.6	30.3	30.3	-1.9	333.8	335.4	0.4	47.8	20.3	57.
32.6	81.2	9625.4	300.0	-36.0	-40.3	272.3	27.3	27.3	-1.1	334.6	336.0	0.4	64.3	22.9	62.
34.3	85.6	10223.6	275.0	-41.2	99.9	266.8	29.7	29.7	1.7	335.6	999.9	99.9	999.9	25.6	65.
36.4	90.3	10863.1	250.0	-46.3	99.9	266.3	35.6	35.5	1.9	337.2	999.9	99.9	999.9	29.6	68.
38.9	95.4	11553.5	225.0	-52.2	99.9	281.4	34.8	34.1	-6.8	338.5	999.9	99.9	999.9	34.3	72.
41.5	100.7	12304.5	200.0	-58.4	99.9	283.3	37.3	36.3	-8.6	340.3	999.9	99.9	999.9	39.0	76.
44.6	106.8	13132.6	175.0	-63.6	99.9	292.4	42.2	39.0	-16.1	344.9	999.9	99.9	999.9	45.3	81.
47.5	113.3	14079.2	150.0	-64.3	99.9	261.5	24.6	24.3	3.6	359.4	999.9	99.9	999.9	50.2	83.
51.2	120.7	15190.4	125.0	-65.4	99.9	270.7	27.2	27.2	-0.3	376.5	999.9	99.9	999.9	57.2	83.
55.4	129.0	16532.3	100.0	-70.3	99.9	263.4	19.8	19.7	2.3	391.8	999.9	99.9	999.9	62.4	83.
61.1	138.5	18238.6	75.0	-67.6	99.9	220.9	8.5	5.6	6.4	431.3	999.9	99.9	999.9	66.7	82.
69.0	148.5	20731.0	50.0	-57.7	99.9	12.0	3.7	-0.8	-3.6	507.5	999.9	99.9	999.9	69.4	83.
81.1	160.0	25171.3	25.0	-50.1	99.9	32.6	6.8	-3.7	-5.7	640.6	999.9	99.9	999.9	67.0	84.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1415 GMT

161 29. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	965.2	22.0	19.7	180.0	9.3	0.0	9.3	300.2	340.4	15.2	87.0	0.0	0.0
99.9	95.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	10.9	537.2	950.0	20.7	18.7	189.0	15.2	2.4	15.0	300.1	338.5	14.5	88.7	0.5	9.0
1.3	13.5	768.2	925.0	19.4	18.0	197.7	20.0	6.1	19.1	301.1	339.0	14.3	91.9	1.2	10.0
2.2	15.9	1005.2	900.0	21.1	12.7	207.1	26.3	12.0	23.4	304.7	333.0	10.3	58.6	2.4	17.0
2.9	18.5	1249.8	875.0	21.7	8.7	212.9	22.8	12.4	19.2	307.4	330.3	8.1	43.5	3.6	21.0
3.9	21.0	1501.1	850.0	21.2	9.7	221.8	12.9	8.6	9.6	309.6	334.9	9.0	47.7	4.6	25.0
4.8	23.7	1755.4	825.0	19.6	9.3	230.5	9.8	7.5	6.2	310.5	335.9	9.0	51.3	5.1	27.0
5.8	26.2	2023.6	800.0	17.5	7.2	235.5	4.4	3.6	2.5	310.9	333.8	8.0	50.8	5.5	29.0
6.7	29.1	2294.3	775.0	16.1	3.0	218.1	5.9	3.6	4.6	311.9	329.8	6.1	41.4	5.7	30.0
7.7	32.0	2571.9	750.0	13.6	0.9	213.5	5.8	3.2	4.8	312.1	328.0	5.4	41.7	6.1	30.0
8.7	34.9	2856.5	725.0	11.4	-0.7	212.1	6.5	3.5	5.5	312.6	327.4	5.0	42.9	6.4	30.0
9.7	37.7	3148.6	700.0	8.9	-2.2	220.9	7.4	4.8	5.6	313.0	326.8	4.7	45.7	6.9	31.0
10.7	40.5	3448.9	675.0	7.2	-8.6	223.1	10.0	6.8	7.3	314.1	323.3	3.0	31.9	7.3	31.0
11.6	43.5	3758.4	650.0	5.2	-6.0	220.7	13.5	8.8	10.3	315.3	326.7	3.8	44.0	8.0	32.0
12.7	46.5	4077.5	625.0	2.9	-7.9	219.4	15.2	9.7	11.8	316.2	326.6	3.4	44.8	8.9	33.0
13.7	49.9	4406.6	600.0	0.3	-13.3	221.1	17.1	11.2	12.9	316.8	324.0	2.3	35.1	9.8	34.0
14.7	52.9	4746.6	575.0	-2.2	-16.1	230.6	17.2	13.3	10.9	317.7	323.7	1.9	33.2	10.9	35.0
15.9	56.0	5097.7	550.0	-5.2	-19.7	237.9	19.4	16.5	10.3	318.0	322.8	1.5	31.0	12.1	37.0
17.1	59.4	5460.8	525.0	-8.7	-21.8	242.1	21.7	19.2	10.1	318.1	322.2	1.3	33.6	13.5	39.0
18.4	62.9	5836.5	500.0	-12.1	-21.6	251.8	20.9	19.8	6.5	318.4	322.9	1.4	44.8	15.1	42.0
19.8	66.3	6226.7	475.0	-14.8	-44.2	253.4	20.2	19.4	5.8	319.7	326.2	0.2	6.1	16.6	45.0
21.3	70.0	6634.3	450.0	-16.5	-60.4	249.2	19.5	18.2	6.9	322.4	322.5	0.0	1.0	16.1	48.0
22.7	73.6	7061.5	425.0	-19.6	-57.3	253.3	19.8	18.9	5.7	323.8	323.9	0.0	1.9	19.7	50.0
24.1	77.5	7508.3	400.0	-23.5	-54.9	258.5	19.0	18.7	3.8	324.4	324.6	0.1	3.7	21.2	52.0
25.7	81.3	7977.1	375.0	-26.9	-54.4	263.6	23.2	23.1	2.6	326.0	326.2	0.1	5.4	22.9	54.0
27.2	85.4	8471.6	350.0	-30.2	-61.1	264.7	23.9	23.8	2.2	327.9	329.0	0.0	3.2	24.7	57.0
28.8	89.7	8994.4	325.0	-34.5	-60.3	261.7	29.7	29.4	4.3	329.1	329.2	0.0	5.3	27.1	59.0
30.8	94.3	9548.1	300.0	-39.4	99.9	265.5	30.2	30.1	2.4	329.8	999.9	99.9	999.9	30.3	62.0
32.9	99.0	10138.5	275.0	-43.5	99.9	260.8	33.6	33.2	5.4	332.2	999.9	99.9	999.9	34.3	64.0
35.0	103.8	10774.0	250.0	-47.9	99.9	262.5	42.6	42.3	5.6	334.6	999.9	99.9	999.9	38.7	66.0
37.2	109.2	11461.0	225.0	-53.2	99.9	264.3	43.1	42.9	4.3	337.0	999.9	99.9	999.9	44.3	69.0
39.8	114.8	12210.5	200.0	-58.9	99.9	270.9	43.1	43.1	-0.6	339.6	999.9	99.9	999.9	51.0	71.0
42.8	121.0	13040.6	175.0	-62.2	99.9	272.7	45.8	45.7	-2.1	347.3	999.9	99.9	999.9	58.5	74.0
45.8	127.5	13991.7	150.0	-62.7	99.9	261.2	35.0	34.6	5.4	362.2	999.9	99.9	999.9	65.7	75.0
50.0	135.0	15125.2	125.0	-60.2	99.9	265.3	27.5	27.4	2.2	386.0	999.9	99.9	999.9	75.4	76.0
54.6	142.3	16507.1	100.0	-66.1	99.9	243.9	22.5	20.2	9.9	400.0	999.9	99.9	999.9	81.4	76.0
60.7	150.7	18239.2	75.0	-65.3	99.9	39.7	2.6	-1.7	-2.0	436.1	999.9	99.9	999.9	86.9	75.0
69.0	160.3	20766.3	50.0	-55.1	99.9	93.3	6.1	-6.1	0.4	513.8	999.9	99.9	999.9	89.2	75.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 261
DEL RIO, TEX

24 APRIL 1975
1415 GMT

162 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	8.7	314.0	973.0	22.3	19.1	120.0	5.1	-4.4	2.5	299.7	337.9	14.5	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.
0.9	10.9	522.8	950.0	21.3	20.1	138.6	8.4	-5.5	6.3	300.9	342.6	15.8	92.9	0.4	307.
1.5	13.4	754.1	925.0	19.0	18.8	148.5	9.4	-4.9	8.0	300.8	340.5	15.0	99.0	0.8	314.
2.3	15.9	990.0	900.0	17.8	17.6	167.4	8.2	-1.8	8.0	301.7	339.6	14.2	98.8	1.2	323.
3.1	18.6	1231.8	875.0	18.9	12.3	182.0	8.4	0.2	6.4	304.8	333.2	10.4	66.1	1.4	330.
3.9	21.1	1482.8	850.0	21.8	10.0	197.5	5.1	1.5	4.9	310.3	336.1	9.1	46.9	1.7	336.
4.7	23.8	1742.0	825.0	20.9	9.0	226.1	6.5	4.7	4.5	311.9	336.9	8.8	46.2	1.8	343.
5.6	26.4	2007.8	800.0	19.5	8.8	216.0	7.6	4.4	6.1	313.1	338.7	9.0	50.1	2.1	352.
6.5	29.3	2280.2	775.0	17.3	7.0	215.2	10.5	6.0	8.5	313.5	337.1	8.2	50.9	2.4	359.
7.3	32.1	2560.2	750.0	16.8	2.6	225.2	10.7	7.6	7.5	315.6	333.8	6.2	38.5	2.9	7.
8.2	35.0	2847.8	725.0	14.5	-2.7	226.5	9.3	6.7	6.4	315.9	328.9	4.3	30.4	3.3	13.
9.1	37.8	3143.6	700.0	13.5	-20.2	220.4	8.2	5.3	6.2	317.6	321.2	1.1	7.9	3.7	17.
10.1	40.7	3448.1	675.0	11.4	-22.4	222.4	8.2	5.6	6.1	318.5	321.6	0.9	7.5	4.1	19.
11.1	43.6	3761.5	650.0	8.6	-16.7	224.0	8.5	5.9	6.1	318.9	324.0	1.6	14.8	4.6	22.
12.1	46.8	4083.9	625.0	5.9	-13.3	221.5	9.8	6.5	7.4	319.5	326.5	2.2	23.8	5.1	24.
13.2	50.1	4416.1	600.0	3.0	-18.6	222.2	11.3	7.6	8.3	319.8	324.6	1.5	18.5	5.8	26.
14.3	53.1	4758.9	575.0	0.1	-18.2	222.3	13.1	8.8	9.7	320.2	322.4	1.6	23.6	6.6	28.
15.6	56.1	5112.8	550.0	-3.1	-15.5	234.3	15.3	12.4	8.9	320.6	327.3	2.1	37.6	7.6	30.
16.7	59.5	5479.3	525.0	-5.8	-19.6	247.9	18.0	16.7	6.8	321.6	326.6	1.5	32.5	8.6	35.
17.9	63.1	5859.2	500.0	-9.2	-24.8	255.3	19.3	18.6	4.9	321.9	325.5	1.1	28.3	9.7	39.
19.1	66.4	6254.2	475.0	-11.6	-45.8	257.7	19.6	19.1	4.2	323.6	324.4	0.2	6.0	10.9	44.
20.4	70.1	6666.8	450.0	-13.7	-58.6	257.1	15.7	15.3	3.5	326.0	326.1	0.0	1.0	12.0	46.
21.8	73.9	7098.0	425.0	-17.1	-60.8	253.0	15.5	14.8	4.5	327.0	327.1	0.0	1.0	13.1	50.
23.1	77.8	7550.1	400.0	-20.0	-62.7	254.5	17.9	17.2	4.8	328.9	329.0	0.0	1.0	14.4	52.
24.7	81.7	8025.9	375.0	-23.2	-51.2	265.1	22.0	21.9	1.9	330.8	331.2	0.1	6.2	16.0	55.
26.1	85.8	8526.7	350.0	-27.4	-32.9	266.4	27.2	27.1	1.7	331.8	334.2	0.7	59.5	17.8	59.
27.9	90.2	9056.2	325.0	-31.1	-36.2	264.4	30.1	30.0	3.0	333.7	335.6	0.5	60.6	20.6	63.
29.5	94.8	9618.1	300.0	-36.0	-42.2	261.7	30.9	30.6	4.4	334.6	335.7	0.3	52.5	23.5	65.
31.4	99.6	10216.1	275.0	-41.0	99.9	259.2	32.8	32.2	6.2	335.8	999.9	99.9	999.9	27.0	67.
33.5	104.6	10857.6	250.0	-46.2	99.9	258.6	37.7	37.0	7.5	337.4	999.9	99.9	999.9	31.4	69.
35.6	110.0	11548.9	225.0	-52.0	99.9	257.7	36.4	35.5	7.7	338.8	999.9	99.9	999.9	36.0	70.
37.9	115.6	12301.0	200.0	-58.5	99.9	264.3	39.1	38.9	3.9	340.2	999.9	99.9	999.9	41.1	71.
40.6	122.0	13126.7	175.0	-65.0	99.9	274.4	42.2	42.1	-3.3	342.6	999.9	99.9	999.9	47.3	74.
43.6	128.7	14066.1	150.0	-64.6	99.9	268.2	32.0	32.0	1.0	358.9	999.9	99.9	999.9	54.5	77.
47.2	135.8	15179.0	125.0	-66.0	99.9	256.3	24.7	24.0	5.8	375.6	999.9	99.9	999.9	61.3	77.
51.8	143.0	16529.6	100.0	-68.9	99.9	260.6	20.7	20.4	3.4	394.6	999.9	99.9	999.9	67.8	77.
57.1	151.0	18235.1	75.0	-70.9	99.9	245.7	16.2	14.8	6.7	424.3	999.9	99.9	999.9	72.8	76.
64.5	159.7	20726.8	50.0	-58.3	99.9	257.9	4.8	4.7	1.0	506.3	999.9	99.9	999.9	76.2	76.
75.8	169.0	25162.8	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.2	999.9	99.9	999.9	999.9	999.

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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

24 APRIL 1975
1415 GMT

158 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	873.0	912.0	21.8	15.6	190.0	3.6	0.6	3.5	304.5	338.1	12.4	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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	958.1	900.0	20.7	15.7	184.3	6.1	0.5	6.0	304.5	338.7	12.6	73.3	0.2	61.
1.3	15.5	1232.1	875.0	20.2	14.6	243.1	6.0	5.4	2.7	306.4	339.4	12.0	70.0	0.5	42.
2.2	17.3	1482.9	850.0	22.0	-7.3	256.8	7.1	6.3	-3.2	309.6	317.6	2.6	13.6	0.8	65.
3.2	20.2	1740.8	825.0	20.4	-9.6	311.3	7.2	5.4	-4.8	310.4	317.3	2.2	12.3	1.0	87.
4.2	22.5	2004.8	800.0	18.3	-11.1	314.9	6.4	4.5	-4.5	310.9	317.3	2.1	12.5	1.4	100.
5.1	25.1	2275.1	775.0	16.3	-12.5	307.4	4.8	3.8	-2.9	311.6	317.5	1.9	12.6	1.6	106.
6.2	27.4	2552.5	750.0	14.2	-13.9	280.2	6.9	6.8	-1.2	312.2	317.7	1.7	12.8	2.0	107.
7.1	30.0	2836.8	725.0	11.5	-12.9	266.3	6.6	6.6	0.4	312.3	318.4	2.0	16.7	2.3	105.
8.1	32.7	3128.7	700.0	9.3	-14.2	253.2	8.6	8.3	2.5	313.0	318.7	1.8	17.4	2.7	100.
9.1	35.4	3428.7	675.0	7.0	-16.5	250.4	10.6	10.0	3.6	313.6	318.6	1.6	16.9	3.3	95.
10.2	38.0	3737.3	650.0	4.8	-17.3	241.2	11.7	10.3	5.6	314.6	319.4	1.5	18.2	3.9	90.
11.4	40.7	4055.5	625.0	2.2	-20.1	242.2	14.5	12.8	6.8	315.1	319.1	1.2	17.2	4.7	85.
12.5	43.6	4383.5	600.0	0.3	-23.2	248.5	17.7	16.4	6.5	316.5	319.7	1.0	15.2	5.8	81.
13.8	46.6	4723.2	575.0	-1.8	-25.9	247.3	19.6	18.0	7.5	318.0	320.7	0.8	13.7	7.2	79.
15.2	49.8	5075.3	550.0	-3.8	-27.4	237.0	21.6	18.1	11.8	319.7	322.1	0.7	13.8	8.9	76.
16.5	52.7	5446.7	525.0	-6.7	-29.6	234.2	21.2	17.2	12.4	320.4	322.5	0.6	14.1	10.4	72.
17.7	55.8	5819.3	500.0	-10.0	-32.0	235.4	21.1	17.3	12.0	320.9	322.7	0.5	14.4	12.0	70.
18.9	59.1	6212.2	475.0	-13.4	-34.6	235.4	19.2	15.8	10.9	321.4	322.9	0.4	14.7	13.4	68.
20.4	62.7	6621.2	450.0	-16.6	-37.1	233.8	16.9	13.0	10.0	322.3	323.6	0.3	15.0	14.8	67.
21.7	66.0	7047.6	425.0	-20.1	-39.8	232.9	19.2	15.3	11.6	323.2	324.2	0.3	15.3	16.3	66.
23.2	69.8	7494.0	400.0	-23.5	-42.4	238.6	19.4	16.6	10.1	324.4	325.3	0.2	15.6	18.0	65.
25.0	73.4	7962.9	375.0	-26.4	-44.7	249.6	24.9	23.3	8.7	326.5	327.2	0.2	15.8	20.3	65.
26.7	77.5	8457.8	350.0	-30.2	-47.7	256.4	30.9	30.1	7.3	328.0	328.5	0.1	16.1	23.1	66.
28.5	81.5	8980.3	325.0	-34.6	-51.2	256.6	29.5	28.7	6.9	328.9	329.3	0.1	16.5	26.5	67.
30.6	85.8	9534.1	300.0	-39.2	-54.9	256.1	33.4	32.4	8.0	330.0	330.3	0.1	16.9	30.3	68.
32.6	90.6	10126.2	275.0	-43.1	99.9	260.9	36.3	35.8	5.7	332.8	999.9	99.9	999.9	34.5	70.
34.6	95.4	10761.7	250.0	-47.6	99.9	258.4	41.5	40.6	8.4	335.3	999.9	99.9	999.9	39.2	71.
36.9	100.6	11448.4	225.0	-53.5	99.9	264.5	45.9	45.7	4.4	336.6	999.9	99.9	999.9	45.0	72.
39.3	106.3	12196.3	200.0	-59.1	99.9	267.1	50.2	50.1	2.5	339.2	999.9	99.9	999.9	51.4	74.
42.2	112.5	13023.6	175.0	-63.3	99.9	265.2	51.2	51.0	4.3	345.5	999.9	99.9	999.9	59.7	76.
45.2	119.3	13973.0	150.0	-62.6	99.9	261.2	34.0	33.6	5.2	362.2	999.9	99.9	999.9	67.9	77.
48.8	127.0	15100.4	125.0	-62.6	99.9	255.7	33.8	32.8	8.3	381.6	999.9	99.9	999.9	74.7	77.
53.4	136.0	16470.4	100.0	-65.5	99.9	258.7	24.0	23.5	4.7	401.2	999.9	99.9	999.9	82.7	77.
59.1	145.0	18206.7	75.0	-66.1	99.9	251.7	10.7	10.1	3.3	434.3	999.9	99.9	999.9	89.7	76.
67.4	156.0	20732.0	50.0	-57.0	99.9	6.5	2.7	-0.3	-2.7	509.2	999.9	99.9	999.9	91.7	77.
79.8	168.0	25190.3	25.0	-52.3	99.9	999.9	99.9	99.9	99.9	634.2	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. 304
MATTERAS, NC

24 APRIL 1975
1500 GMT

166 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PDT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	4.0	1023.4	21.5	14.9	220.0	6.2	4.0	4.7	294.1	321.5	10.5	66.0	0.0	0.
0.8	6.0	204.2	1000.0	20.3	12.5	221.1	14.1	9.3	10.6	254.6	318.8	9.2	60.9	0.5	43.
1.5	6.4	422.4	975.0	18.5	11.1	219.4	16.4	10.4	12.7	294.9	317.7	8.6	62.2	1.2	42.
2.2	10.8	644.6	950.0	16.0	10.3	215.6	15.0	8.7	12.2	294.5	316.6	8.3	68.8	1.8	40.
2.9	13.2	870.5	925.0	13.7	9.3	212.6	16.4	8.8	13.8	254.4	315.6	8.0	74.9	2.5	39.
3.6	15.5	1101.1	900.0	11.8	9.1	210.3	16.0	8.0	13.8	294.7	316.3	8.1	83.6	3.2	37.
4.4	18.0	1336.5	875.0	10.1	7.8	213.9	15.5	8.7	12.9	295.2	315.7	7.6	86.1	3.9	36.
5.1	20.5	1577.6	850.0	9.9	-5.0	230.4	15.5	11.9	9.9	296.9	305.9	3.2	35.5	4.6	37.
5.7	23.0	1824.6	825.0	8.4	-9.1	242.6	13.6	12.1	6.3	297.8	304.5	2.3	27.7	5.1	39.
6.6	25.6	2078.4	800.0	6.8	4.2	250.7	11.2	10.5	3.7	299.3	317.3	6.5	83.9	5.7	42.
7.5	28.3	2339.3	775.0	5.5	3.1	256.3	9.7	9.4	2.3	300.6	317.8	6.2	84.7	6.1	45.
8.3	31.0	2607.2	750.0	4.4	3.6	262.2	8.4	8.4	1.2	302.2	320.7	6.7	94.9	6.5	47.
9.2	33.9	2883.1	725.0	2.9	0.9	267.7	7.2	7.2	0.3	303.4	319.3	5.7	86.7	6.8	49.
10.0	36.5	3167.7	700.0	2.0	-1.0	270.9	6.9	6.9	-0.1	305.4	319.9	5.1	80.1	7.1	51.
11.0	39.4	3460.7	675.0	0.2	-2.7	276.1	6.4	6.4	-0.7	306.4	319.9	4.7	81.0	7.4	53.
11.9	42.1	3742.6	650.0	-1.9	-4.7	277.3	6.0	6.0	-0.8	307.3	319.4	4.1	81.0	7.6	55.
13.0	45.2	4074.0	625.0	-3.9	-7.2	283.7	8.0	7.7	-1.9	308.4	319.0	3.6	78.0	7.9	57.
14.0	48.3	4395.7	600.0	-4.4	-15.1	289.3	12.7	12.0	-4.2	311.3	317.5	2.0	44.2	8.3	60.
15.1	51.3	4731.1	575.0	-8.6	-24.5	287.5	14.4	13.7	-4.3	314.7	317.6	0.9	19.3	9.0	65.
16.3	54.5	5079.0	550.0	-7.5	-25.6	274.0	13.6	13.4	-2.1	315.2	318.1	0.9	21.9	9.8	69.
17.4	57.5	5438.9	525.0	-11.0	-25.6	277.2	14.6	14.5	-1.8	315.3	318.3	0.9	26.5	10.6	71.
18.7	61.0	5811.3	500.0	-14.2	-23.1	284.3	16.8	16.3	-4.2	315.8	319.7	1.2	46.5	11.7	74.
19.9	64.4	6199.9	475.0	-15.8	-42.6	295.0	17.0	15.4	-7.2	318.3	319.0	0.2	7.9	12.7	77.
21.3	67.8	6605.7	450.0	-17.8	-44.0	293.8	17.7	16.2	-7.1	320.8	321.5	0.2	8.0	13.9	81.
22.9	71.3	7031.0	425.0	-20.7	-43.0	296.6	16.1	14.4	-7.2	322.5	323.2	0.2	11.4	15.2	84.
24.3	75.0	7476.0	400.0	-24.1	-41.9	298.1	14.9	13.2	-7.0	323.6	324.5	0.2	17.3	16.3	87.
25.7	79.0	7942.7	375.0	-28.3	-46.4	291.4	14.4	13.4	-5.2	324.1	324.6	0.2	15.7	17.4	89.
27.2	82.8	8433.9	350.0	-32.2	-45.5	295.1	14.6	12.8	-7.1	325.3	326.0	0.2	24.9	18.7	90.
28.7	86.8	8953.9	325.0	-35.4	-49.3	306.0	13.3	10.7	-7.8	327.8	328.3	0.1	22.2	19.7	93.
30.4	91.3	9506.8	300.0	-39.8	99.9	309.7	13.9	10.7	-8.9	329.4	999.9	99.9	999.9	20.8	94.
32.3	95.8	10095.2	275.0	-44.9	99.9	310.2	15.2	11.6	-9.8	330.2	999.9	99.9	999.9	22.1	97.
34.4	100.6	10725.1	250.0	-50.1	99.9	303.0	16.4	13.7	-8.9	331.6	999.9	99.9	999.9	23.9	99.
36.4	105.6	11403.9	225.0	-56.1	99.9	304.9	21.1	17.3	-12.1	332.5	999.9	99.9	999.9	25.9	101.
38.9	111.3	12144.2	200.0	-60.5	99.9	305.5	28.6	24.7	-14.5	337.0	999.9	99.9	999.9	29.6	104.
41.3	117.0	12967.7	175.0	-64.8	99.9	318.0	24.7	16.5	-18.4	343.0	999.9	99.9	999.9	33.3	107.
44.2	123.8	13915.5	150.0	-60.9	99.9	292.0	33.9	31.4	-12.7	365.2	999.9	99.9	999.9	37.9	109.
47.9	131.0	15056.3	125.0	-56.1	99.9	290.5	23.9	22.4	-8.4	393.5	999.9	99.9	999.9	45.1	109.
51.6	138.7	16448.9	100.0	-63.4	99.9	297.8	22.4	19.8	-10.5	405.2	999.9	99.9	999.9	50.8	109.
56.6	147.0	18194.6	75.0	-66.2	99.9	298.2	14.5	12.8	-6.9	434.2	999.9	99.9	999.9	55.0	109.
63.4	156.5	20701.6	50.0	-57.7	99.9	97.9	1.0	-1.0	0.1	507.5	999.9	99.9	999.9	56.6	111.
73.7	167.0	25143.0	25.0	-51.2	99.9	301.8	2.2	1.8	-1.1	637.5	999.9	99.9	999.9	56.2	112.

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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 311
ATHENS, GA

24 APRIL 1975
1500 GMT

160 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	246.0	992.6	20.6	15.6	220.0	6.7	4.3	5.1	295.9	325.6	11.3	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	99.9	99.9	99.9	999.9	999.
0.4	8.6	399.6	975.0	17.5	11.6	218.5	8.8	5.5	6.8	294.0	317.3	8.9	68.1	0.2	23.
1.0	10.8	621.3	950.0	15.9	12.0	217.9	9.4	5.8	7.4	294.6	319.2	9.3	77.5	0.4	31.
1.6	13.3	847.2	925.0	13.6	9.6	219.4	11.7	7.4	9.0	294.3	316.0	8.2	76.8	0.9	34.
2.4	15.7	1078.5	900.0	13.6	10.9	224.5	14.6	10.3	10.4	290.7	321.1	9.2	83.6	1.5	37.
3.2	18.1	1315.4	875.0	11.3	10.0	232.9	15.7	12.5	9.5	296.7	320.3	8.9	91.8	2.2	41.
4.1	20.5	1557.7	850.0	10.2	1.5	238.1	16.5	14.0	8.7	297.7	312.1	5.2	56.8	3.1	45.
5.0	23.0	1806.6	825.0	12.4	-11.2	239.6	14.4	12.4	7.3	302.0	307.9	2.0	18.0	3.9	48.
5.9	25.6	2064.4	800.0	11.1	3.0	246.2	12.3	11.2	4.9	303.7	320.5	6.0	57.3	4.6	51.
6.8	28.2	2328.6	775.0	9.5	0.9	241.1	12.9	11.2	6.2	304.7	319.7	5.3	55.0	5.3	53.
7.8	31.0	2600.4	750.0	8.2	0.9	236.5	13.4	11.2	7.4	306.2	321.8	5.5	60.2	6.0	53.
8.7	33.8	2879.4	725.0	5.4	-0.0	237.0	14.2	12.0	7.6	306.1	321.2	5.3	67.9	6.8	53.
9.7	36.4	3165.6	700.0	4.0	-6.4	243.0	14.4	12.8	6.5	307.4	317.5	3.4	47.1	7.6	54.
10.7	39.3	3460.6	675.0	2.4	-6.2	249.1	14.8	13.8	5.3	308.8	319.4	3.6	52.7	8.5	55.
11.9	42.0	3765.2	650.0	1.5	-12.7	261.9	14.8	14.6	2.1	310.9	317.7	2.2	33.8	9.5	57.
12.9	45.0	4079.9	625.0	-0.8	-12.0	269.9	17.1	17.1	0.0	311.9	319.3	2.4	42.1	10.3	60.
14.0	48.1	4404.5	600.0	-3.6	-12.0	272.1	19.1	19.1	-0.7	312.2	320.0	2.5	52.2	11.5	63.
15.2	51.0	4740.0	575.0	-5.1	-10.7	265.5	17.9	17.8	1.4	314.4	323.4	3.0	64.9	12.6	66.
16.4	54.3	5088.1	550.0	-7.5	-15.0	257.4	16.9	16.5	3.7	315.4	322.2	2.2	54.9	13.8	67.
17.5	57.3	5448.9	525.0	-9.9	-20.1	261.3	17.2	17.0	2.6	316.6	321.4	1.5	43.4	14.9	68.
18.8	60.7	5823.5	500.0	-12.8	-21.5	271.2	18.8	18.8	-0.4	317.6	322.0	1.4	47.8	16.2	70.
20.2	64.2	6212.4	475.0	-16.0	-23.1	282.9	19.2	18.7	-4.3	318.3	322.4	1.2	54.2	17.7	72.
21.6	67.6	6618.0	450.0	-18.2	-40.3	282.6	18.1	17.7	-4.0	320.3	322.2	0.6	28.0	19.0	75.
23.1	71.0	7043.0	425.0	-20.5	-53.6	282.2	17.4	17.0	-3.7	322.6	322.8	0.1	3.3	20.5	77.
24.7	74.3	7487.8	400.0	-24.7	-40.1	278.5	19.2	19.0	-2.9	322.8	323.8	0.3	22.4	22.1	79.
26.3	78.8	7954.2	375.0	-28.3	-57.4	278.4	19.4	19.2	-2.8	324.1	324.2	0.0	4.2	23.8	80.
28.1	82.8	8446.0	350.0	-31.3	-59.0	289.6	22.7	21.4	-7.6	326.5	326.7	0.0	4.5	25.8	82.
29.8	86.8	8967.4	325.0	-34.9	-61.1	293.8	20.5	18.8	-8.3	328.5	328.6	0.0	4.9	27.8	84.
31.7	91.4	9520.5	300.0	-39.7	99.9	288.2	22.1	21.0	-6.9	329.4	999.9	99.9	999.9	29.3	86.
33.7	96.0	10108.6	275.0	-45.1	99.9	286.0	20.4	19.6	-5.6	330.0	999.9	99.9	999.9	32.2	88.
35.8	100.3	10737.3	250.0	-50.6	99.9	283.1	20.4	19.9	-4.6	330.9	999.9	99.9	999.9	34.8	89.
38.2	106.2	11417.9	225.0	-55.0	99.9	295.1	20.2	18.3	-8.6	334.3	999.9	99.9	999.9	37.4	91.
40.5	111.6	12162.8	200.0	-59.5	99.9	286.1	24.7	23.7	-6.9	338.5	999.9	99.9	999.9	40.3	92.
42.9	117.5	12993.0	175.0	-61.7	99.9	270.7	26.5	26.5	-0.3	348.1	999.9	99.9	999.9	44.0	93.
46.0	124.3	13956.5	150.0	-58.6	99.9	269.1	31.9	31.9	0.5	366.2	999.9	99.9	999.9	49.2	92.
49.2	131.0	15096.8	125.0	-61.0	99.9	285.2	27.2	26.2	-7.1	384.6	999.9	99.9	999.9	55.3	93.
53.2	138.3	16465.8	100.0	-66.8	99.9	271.2	19.7	19.7	-0.4	398.7	999.9	99.9	999.9	60.6	94.
58.5	145.5	18205.6	75.0	-65.4	99.9	303.6	8.9	7.4	-4.9	435.9	999.9	99.9	999.9	65.5	94.
65.5	153.0	20695.7	50.0	-60.3	99.9	329.6	6.0	3.0	-5.2	501.5	999.9	99.9	999.9	66.8	95.
77.3	161.0	25130.0	25.0	-50.2	99.9	70.0	2.8	-2.7	-1.0	640.4	999.9	99.9	999.9	66.9	97.

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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 317
GREENSBORO, NC

24 APRIL 1975
1415 GMT

160 32. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	275.0	987.9	20.6	15.8	210.0	7.7	3.8	6.7	296.3	326.6	11.5	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	999.9
0.5	8.8	388.4	975.0	18.7	11.6	999.9	99.9	99.9	99.9	255.2	318.7	8.9	63.2	999.9	999.9
1.3	11.1	610.4	950.0	16.0	11.6	999.9	99.9	99.9	99.9	294.6	318.7	9.1	75.6	999.9	999.9
2.2	13.7	836.7	925.0	13.7	11.7	224.8	15.6	11.0	11.1	254.5	319.4	9.4	88.2	1.8	44.
3.3	16.1	1067.4	900.0	12.4	10.6	231.6	20.9	16.4	13.0	295.4	319.2	9.0	89.1	3.1	47.
4.5	18.7	1304.8	875.0	12.7	7.4	240.8	19.8	17.3	9.7	298.0	318.1	7.4	69.9	4.5	50.
5.5	21.1	1547.7	850.0	11.1	5.4	247.4	22.8	21.0	8.7	298.6	316.8	6.6	68.1	5.7	53.
6.5	23.3	1756.6	825.0	9.7	1.4	243.9	21.1	18.9	9.3	299.5	313.9	5.2	56.5	6.9	55.
7.5	26.3	2051.7	800.0	8.5	3.6	244.9	19.3	17.5	8.2	301.0	318.3	6.2	71.5	8.2	57.
8.9	29.2	2314.4	775.0	7.7	2.4	251.9	16.3	15.5	5.1	302.9	319.4	5.9	69.0	9.4	58.
9.7	32.1	2584.3	750.0	6.3	1.7	253.4	16.5	15.8	4.7	304.1	320.5	5.8	72.5	10.5	59.
10.8	35.0	2861.7	725.0	4.2	0.9	259.2	14.2	13.9	2.6	304.8	320.9	5.7	79.1	11.4	61.
11.9	37.9	3144.5	700.0	1.5	0.6	253.0	13.8	13.2	4.0	304.9	321.1	5.7	93.1	12.2	62.
13.0	40.6	3439.1	675.0	0.3	-2.4	243.1	16.0	14.2	7.2	306.6	320.3	4.8	81.8	13.2	63.
14.2	43.6	3742.0	650.0	-0.5	-3.8	243.5	17.8	15.9	7.9	309.0	322.0	4.5	78.5	14.5	63.
15.4	46.8	4055.2	625.0	-2.0	-8.0	249.6	19.3	19.0	6.7	310.5	320.6	3.4	63.6	15.9	63.
16.6	50.0	4378.8	600.0	-3.4	-22.2	261.3	18.2	18.0	2.7	312.3	315.7	1.1	21.7	17.0	64.
17.5	53.0	4713.7	575.0	-6.0	-26.1	259.3	19.0	18.7	3.5	313.0	315.6	0.8	18.5	18.3	65.
19.1	56.3	5060.1	550.0	-8.6	-27.9	268.4	17.8	17.8	0.5	313.9	316.2	0.7	19.3	19.8	66.
20.6	59.7	5418.4	525.0	-12.0	-23.6	276.0	18.1	18.0	-1.9	314.1	317.6	1.1	37.2	21.0	68.
21.9	63.3	5790.0	500.0	-14.3	-24.7	288.2	18.1	17.2	-5.7	315.6	319.0	1.0	40.9	22.4	70.
23.6	66.7	6177.4	475.0	-16.4	-25.7	290.0	21.6	20.3	-7.4	317.8	321.1	1.0	44.7	24.0	73.
25.3	70.5	6583.2	450.0	-18.3	-53.0	291.4	19.1	17.8	-7.0	320.2	320.4	0.1	2.9	25.6	76.
26.9	74.2	7007.2	425.0	-21.4	-54.4	284.4	19.0	18.4	-4.7	321.5	321.7	0.1	3.3	27.1	78.
28.6	78.3	7451.2	400.0	-24.9	-56.0	292.9	19.3	17.8	-7.5	322.6	322.8	0.0	3.6	28.9	80.
30.4	82.3	7917.3	375.0	-28.2	-57.7	288.0	20.5	19.5	-6.3	324.2	324.3	0.0	4.0	30.9	82.
32.3	86.5	8408.2	350.0	-31.9	-59.7	297.7	15.8	14.0	-7.3	325.7	325.8	0.0	4.4	33.0	84.
34.3	91.2	8927.4	325.0	-36.3	-62.3	293.2	24.7	22.7	-9.7	326.5	326.7	0.0	4.8	34.6	86.
36.4	95.8	9478.6	300.0	-40.0	99.9	298.5	23.3	20.4	-11.1	329.0	999.9	99.9	999.9	37.2	88.
38.5	100.6	10065.8	275.0	-45.5	99.9	305.4	20.6	16.8	-11.9	329.4	999.9	99.9	999.9	39.8	91.
40.7	105.6	10694.1	250.0	-50.8	99.9	305.6	23.8	19.3	-13.8	330.5	999.9	99.9	999.9	42.2	93.
43.1	111.0	11370.9	225.0	-56.6	99.9	308.2	20.4	16.0	-12.6	331.8	999.9	99.9	999.9	45.1	95.
45.8	117.0	12106.2	200.0	-63.1	99.9	291.2	25.3	23.6	-9.1	332.8	999.9	99.9	999.9	48.6	97.
48.8	123.7	12925.9	175.0	-61.3	99.9	291.4	28.0	26.1	-10.2	348.8	999.9	99.9	999.9	53.6	98.
52.3	130.5	13898.0	150.0	-57.8	99.9	285.5	33.8	32.6	-9.0	370.5	999.9	99.9	999.9	60.3	99.
56.3	137.8	15033.6	125.0	-62.0	99.9	278.9	25.8	25.5	-4.0	382.7	999.9	99.9	999.9	67.0	100.
61.1	144.8	16407.4	100.0	-64.6	99.9	277.8	27.5	27.2	-3.7	403.0	999.9	99.9	999.9	74.7	99.
67.2	152.3	18161.9	75.0	-64.3	99.9	303.5	14.0	11.7	-7.7	438.2	999.9	99.9	999.9	79.2	100.
75.8	160.3	20672.7	50.0	-59.2	99.9	22.4	3.0	-1.1	-2.7	504.1	999.9	99.9	999.9	90.1	101.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

191

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
1500 GMT

163 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CGMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	180.0	992.5	21.8	16.7	180.0	7.7	0.0	7.7	297.2	329.3	12.2	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	99.9	99.9	99.9	999.9	999.9
0.3	6.7	334.5	975.0	20.4	16.1	199.3	17.3	5.7	16.3	297.3	328.6	11.9	76.2	0.4	22.
0.8	8.9	558.5	950.0	18.2	16.3	202.4	17.0	6.5	15.8	297.3	329.9	12.4	88.3	0.7	21.
1.5	11.0	786.7	925.0	15.9	14.9	214.3	20.4	11.5	16.8	297.1	327.8	11.6	93.9	1.4	24.
2.4	13.4	1020.0	900.0	15.3	13.6	224.2	26.5	18.5	19.0	298.7	327.9	11.0	89.8	2.8	32.
3.2	15.6	1259.5	875.0	15.0	11.6	230.1	27.4	21.1	17.6	300.7	327.3	9.9	80.0	4.1	37.
4.1	17.9	1505.1	850.0	14.3	9.0	237.3	25.1	21.1	13.6	302.3	325.6	8.5	70.1	5.4	41.
4.9	20.3	1757.3	825.0	13.3	7.6	241.5	24.3	21.4	11.6	303.7	325.8	8.0	68.5	6.5	44.
5.8	22.7	2015.8	800.0	11.4	5.3	243.3	26.0	23.2	11.7	304.2	323.9	7.0	66.2	7.8	47.
6.7	25.3	2280.6	775.0	9.3	5.0	248.9	24.8	23.2	8.9	304.8	324.6	7.1	74.2	9.2	50.
7.7	27.7	2552.2	750.0	7.6	3.8	248.9	26.1	24.3	9.4	305.8	324.7	6.7	76.6	10.5	53.
8.7	30.4	2830.9	725.0	5.3	2.5	250.6	26.0	24.5	8.6	306.1	324.2	6.4	82.2	12.1	55.
9.7	33.1	3117.0	700.0	3.1	1.6	251.2	26.5	25.1	8.5	306.7	324.2	6.2	89.9	13.6	57.
10.8	35.8	3412.1	675.0	2.7	-7.0	249.2	29.7	27.7	10.5	309.1	319.2	3.4	49.5	15.4	59.
11.9	38.6	3716.7	650.0	1.7	-17.9	248.9	31.4	29.3	11.3	311.0	315.6	1.4	21.7	17.4	60.
13.0	41.4	4032.3	625.0	-0.1	-6.0	248.4	32.6	30.3	12.0	312.8	324.6	3.9	64.7	19.6	61.
14.2	44.4	4358.4	600.0	-1.6	-19.9	245.4	31.0	28.2	12.9	314.5	318.7	1.3	23.2	21.8	61.
15.3	47.5	4695.8	575.0	-4.1	-25.8	247.8	29.6	27.4	11.2	315.3	318.0	0.8	16.5	23.8	62.
16.4	50.5	5044.6	550.0	-6.9	-25.6	254.1	28.8	27.7	7.9	316.0	318.9	0.9	20.7	25.7	62.
17.6	53.7	5405.7	525.0	-9.4	-30.4	256.5	30.3	29.5	7.1	317.2	319.1	0.6	16.1	27.8	63.
18.9	56.9	5781.0	500.0	-11.5	-34.3	259.9	30.4	29.9	5.3	319.0	320.4	0.4	13.0	30.0	65.
20.2	60.3	6171.7	475.0	-15.0	-36.9	258.9	28.3	27.7	5.4	319.3	320.5	0.3	13.4	32.2	66.
21.7	64.0	6577.3	450.0	-19.1	-39.9	257.3	31.3	30.5	6.9	319.2	320.2	0.3	13.7	34.8	67.
23.1	67.3	7001.8	425.0	-20.3	-40.8	264.3	30.4	30.3	3.0	323.0	323.9	0.2	13.9	37.3	68.
24.8	71.0	7447.4	400.0	-24.1	-43.8	263.2	34.2*	33.9	4.1	323.6	324.3	0.2	14.2	40.1	69.
26.5	75.0	7914.7	375.0	-28.0	-46.7	264.9	34.5*	34.4	3.1	324.5	325.1	0.1	14.6	43.4	70.
28.1	79.1	8406.3	350.0	-32.2	-50.0	271.5	27.0*	27.0	-0.7	325.3	325.7	0.1	14.9	46.6	71.
30.1	82.2	8925.3	325.0	-35.9	-53.0	275.1	24.3*	24.2	-2.1	327.1	327.4	0.1	15.3	48.9	72.
32.1	87.5	9476.8	300.0	-40.0	99.9	270.0	25.8*	25.8	0.0	328.9	999.9	99.9	999.9	52.2	74.
34.3	92.4	10064.2	275.0	-45.1	99.9	263.2	16.2*	16.1	1.9	329.9	999.9	99.9	999.9	54.6	74.
36.7	97.4	10693.5	250.0	-50.3	99.9	250.9	21.1	20.8	3.3	331.3	999.9	99.9	999.9	57.1	75.
39.1	102.6	11373.1	225.0	-55.9	99.9	261.9	21.8	21.6	3.1	332.9	999.9	99.9	999.9	60.5	75.
41.9	108.5	12114.1	200.0	-60.3	99.9	264.1	26.6	26.5	2.7	337.4	999.9	99.9	999.9	63.9	76.
44.6	114.8	12938.8	175.0	-64.0	99.9	262.2	23.6	23.4	3.2	344.3	999.9	99.9	999.9	67.8	76.
48.3	121.7	13903.1	150.0	-58.5	99.9	266.5	44.7*	44.6	2.8	369.3	999.9	99.9	999.9	74.9	77.
52.1	129.0	15047.4	125.0	-60.9	99.9	278.5	25.4*	25.2	-3.8	384.7	999.9	99.9	999.9	81.9	79.
56.7	137.3	16422.8	100.0	-63.0	99.9	272.0	16.5*	16.5	-0.6	406.1	999.9	99.9	999.9	89.0	79.
62.2	145.7	18178.6	75.0	-63.0	99.9	275.2	12.9	12.9	-1.2	440.8	999.9	99.9	999.9	94.0	79.
69.9	155.0	20657.8	50.0	-58.3	99.9	43.9	3.0	-2.1	-2.1	506.2	999.9	99.9	999.9	95.6	80.
81.9	165.0	25149.9	25.0	-50.6	99.9	246.8	8.7	8.0	3.4	639.3	999.9	99.9	999.9	94.8	81.

* BY SPEED MEANS ELEVATION 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. 340
LITTLE ROCK, ARK

24 APRIL 1975
1540 GMT

165 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	79.0	1004.4	24.4	18.8	230.0	7.7	5.9	4.9	299.0	335.3	13.8	71.0	0.0	0.
0.2	5.9	117.5	1000.0	23.8	18.0	227.1	11.3	8.3	7.7	298.7	333.5	13.2	70.3	0.2	35.
1.0	6.2	338.9	975.0	21.7	18.1	230.7	12.9	9.9	8.2	298.8	334.6	13.6	80.1	0.7	45.
1.8	10.5	564.2	950.0	19.3	17.2	235.4	14.8	12.2	8.4	298.5	333.3	13.2	88.0	1.3	49.
2.6	12.8	793.6	925.0	17.4	15.9	242.4	17.9	15.9	8.3	298.8	331.6	12.4	90.8	2.1	53.
3.3	15.2	1028.2	900.0	16.7	15.1	248.9	20.1	18.8	7.3	300.3	332.6	12.1	90.3	2.9	56.
4.1	17.6	1268.3	875.0	14.8	13.4	248.0	21.1	19.6	7.9	300.6	330.5	11.1	91.2	3.8	60.
4.9	20.0	1513.4	850.0	12.9	8.1	248.3	22.4	20.8	8.3	300.7	322.6	8.0	72.5	4.9	61.
5.8	22.4	1767.3	825.0	16.5	3.0	247.1	18.3	16.9	7.1	306.9	323.3	5.8	40.3	6.1	63.
6.7	25.1	2028.4	800.0	14.6	3.1	238.9	15.2	13.0	7.9	307.5	324.8	6.0	46.1	7.0	63.
7.7	27.6	2296.8	775.0	14.3	-0.5	250.7	11.9	11.2	3.9	309.8	323.8	4.8	36.4	7.8	63.
8.7	30.2	2572.5	750.0	11.8	1.1	262.7	11.6	11.5	1.5	310.1	326.2	5.5	47.7	8.4	64.
9.6	33.0	2854.7	725.0	8.8	1.0	266.1	12.0	12.0	0.8	309.8	326.4	5.7	58.3	9.0	65.
10.5	35.5	3144.5	700.0	6.7	-2.8	268.6	11.9	11.9	0.3	310.4	323.6	4.5	50.8	9.7	67.
11.7	38.4	3441.7	675.0	3.8	-5.6	272.4	11.9	11.9	-0.5	310.4	321.4	3.7	50.2	10.4	69.
12.7	41.1	3747.1	650.0	1.3	-7.4	276.0	13.7	13.6	-1.4	310.9	321.0	3.4	52.2	11.1	70.
13.7	44.1	4061.7	625.0	-0.8	-26.7	278.4	16.7	16.5	-2.4	311.6	314.0	0.7	12.3	11.9	72.
14.8	47.3	4386.9	600.0	-2.2	-51.3	280.2	20.9	20.6	-3.7	313.5	313.7	0.1	1.0	13.0	75.
15.9	50.3	4722.7	575.0	-5.3	-53.3	281.8	23.2	22.7	-4.7	313.8	314.0	0.0	1.0	14.3	77.
17.1	53.4	5070.3	550.0	-7.2	-54.5	274.9	25.8	25.7	-2.2	315.5	315.7	0.0	1.0	16.0	80.
18.3	56.6	5430.6	525.0	-10.2	-56.4	271.6	28.7	28.7	-0.8	316.1	316.2	0.0	1.0	17.9	81.
19.5	60.3	5804.6	500.0	-12.4	-57.8	264.5	29.3	29.2	2.8	317.9	318.0	0.0	1.0	20.1	82.
20.7	63.5	6196.4	475.0	-13.6	-58.5	259.0	25.7	25.2	4.9	321.1	321.2	0.0	1.0	22.0	82.
22.1	67.0	6604.3	450.0	-17.2	-60.9	258.4	22.3	21.8	4.5	321.5	321.6	0.0	1.0	24.0	82.
23.7	70.6	7030.2	425.0	-20.7	-63.1	260.5	23.1	22.8	3.8	322.4	322.5	0.0	1.0	26.1	81.
25.4	74.4	7474.8	400.0	-24.8	-65.8	258.7	25.4	24.9	5.0	322.7	322.7	0.0	1.0	28.6	81.
27.1	78.5	7940.3	375.0	-28.8	-68.4	260.5	26.6	26.2	4.4	323.3	323.4	0.0	1.0	31.5	81.
29.1	82.5	8430.0	350.0	-32.5	-69.6	262.2	27.7	27.4	3.8	324.9	324.9	0.0	1.4	34.5	81.
31.3	86.6	8948.7	325.0	-36.1	-68.7	263.4	26.0	25.8	3.0	326.9	326.9	0.0	1.9	38.0	81.
33.6	91.2	9500.2	300.0	-40.0	99.9	264.7	28.4	28.2	2.6	329.0	999.9	99.9	999.9	41.9	81.
36.0	95.9	10089.4	275.0	-43.6	99.9	273.6	26.2	26.2	-1.6	332.1	999.9	99.9	999.9	45.8	82.
38.2	100.9	10723.0	250.0	-48.6	99.9	278.7	24.5	24.2	-3.7	333.8	999.9	99.9	999.9	49.0	83.
40.7	106.3	11410.1	225.0	-52.7	99.9	281.1	25.1	24.6	-4.8	337.8	999.9	99.9	999.9	52.6	84.
43.4	112.3	12160.6	200.0	-58.6	99.9	301.9	19.0	16.1	-10.0	340.0	999.9	99.9	999.9	56.0	86.
46.3	118.3	12989.9	175.0	-63.5	99.9	272.4	22.2	22.2	-0.9	345.2	999.9	99.9	999.9	59.1	87.
49.6	125.3	13937.5	150.0	-61.9	99.9	259.0	38.2	37.5	7.3	363.4	999.9	99.9	999.9	64.9	87.
53.9	132.7	15068.4	125.0	-58.9	99.9	254.7	27.6	26.6	7.3	388.4	999.9	99.9	999.9	74.7	86.
58.7	140.3	16453.8	100.0	-62.1	99.9	260.2	13.4	13.2	2.3	407.8	999.9	99.9	999.9	82.8	85.
63.9	148.7	18201.4	75.0	-68.5	99.9	245.5	11.3	10.2	4.7	429.3	999.9	99.9	999.9	85.2	85.
71.9	158.0	20720.8	50.0	-57.7	99.9	313.6	9.6	7.0	-6.6	507.4	999.9	99.9	999.9	89.4	85.
83.0	167.7	25186.1	25.0	-50.2	99.9	999.9	99.9	99.9	99.9	640.7	999.9	99.9	999.9	999.9	999.

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

STATION NO. 349
MONETTE, MO

24 APRIL 1975
1547 GMT

146 46. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	438.0	961.1	15.6	13.0	150.0	7.7	-3.9	6.7	293.4	320.5	10.4	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	8.9	536.8	950.0	15.0	13.3	147.9	14.7	-7.8	12.5	293.7	320.3	10.2	89.8	0.4	327.
1.2	11.1	762.4	925.0	14.4	11.7	145.6	11.8	-6.7	9.7	255.3	320.2	9.4	84.2	1.1	326.
2.1	13.5	996.2	900.0	16.7	11.8	167.1	8.0	-1.8	7.8	300.0	326.3	9.7	72.8	1.5	326.
3.1	15.9	1236.1	875.0	14.9	13.2	197.7	10.4	3.2	9.9	300.7	330.3	11.0	89.7	2.0	337.
3.9	18.1	1481.7	850.0	13.7	13.1	220.9	12.0	7.9	9.1	302.0	332.4	11.3	96.4	2.4	348.
4.9	20.5	1734.0	825.0	12.8	12.0	231.1	15.3	11.9	9.6	303.5	332.9	10.8	95.2	2.9	3.
5.8	22.9	1992.6	800.0	11.5	10.3	234.9	16.5	13.5	9.5	304.8	332.1	9.9	92.3	3.5	13.
6.8	25.5	2258.3	775.0	10.0	7.9	236.7	17.2	14.4	9.5	305.7	329.8	8.7	37.0	4.2	23.
7.7	27.9	2530.5	750.0	8.1	5.8	235.8	16.9	14.0	9.5	306.4	328.3	7.8	85.4	5.0	28.
8.7	30.6	2810.0	725.0	5.8	4.3	237.8	17.9	15.1	9.5	306.7	327.1	7.2	90.6	5.9	33.
9.7	33.3	3057.6	700.0	7.2	-11.1	241.0	20.6	18.0	10.0	310.7	317.9	2.3	25.8	7.0	37.
10.8	35.9	3365.7	675.0	5.1	-11.4	242.3	21.6	19.1	10.0	311.6	318.9	2.4	29.2	8.4	41.
12.0	38.6	3702.3	650.0	2.1	-12.7	242.4	22.0	19.5	10.2	311.6	318.5	2.2	32.4	9.8	45.
13.2	41.4	4017.2	625.0	-1.0	-15.3	246.3	21.4	19.6	8.6	311.5	317.3	1.9	32.7	11.3	47.
14.3	44.2	4341.9	600.0	-3.1	-17.5	248.6	21.7	20.2	7.9	312.7	317.8	1.6	31.6	12.6	49.
15.4	47.3	4677.8	575.0	-5.3	-19.5	259.5	23.0	22.6	4.2	313.9	318.4	1.4	31.7	14.1	52.
16.6	50.3	5025.3	550.0	-7.7	-23.4	274.6	25.2	25.1	-2.0	315.0	319.4	1.1	27.2	15.4	56.
17.9	53.3	5385.4	525.0	-10.1	-27.7	273.2	28.2	28.2	-1.6	316.4	319.9	0.7	21.9	17.1	60.
19.3	56.3	5760.1	500.0	-11.9	-29.8	262.7	27.3	27.1	3.5	318.6	320.8	0.6	20.7	19.2	64.
20.7	59.6	6151.4	475.0	-14.1	-29.5	254.8	27.8	26.8	7.3	320.6	323.0	0.7	25.8	21.5	68.
22.2	63.1	6559.1	450.0	-17.6	-30.3	256.6	28.6	27.9	6.6	321.1	323.4	0.7	31.8	24.0	66.
23.6	66.3	6984.0	425.0	-21.2	-33.2	256.5	31.7	30.8	7.4	321.8	323.7	0.5	32.9	26.5	67.
25.2	70.0	7427.9	400.0	-25.1	-35.6	255.0	31.3	30.2	8.1	322.3	323.9	0.5	36.8	29.4	69.
26.9	73.6	7853.3	375.0	-29.2	-39.4	257.9	31.3	30.6	6.6	322.9	324.1	0.3	36.1	32.6	69.
28.7	77.6	8382.2	350.0	-33.0	-39.2	262.3	33.5	33.2	4.5	324.2	325.5	0.4	53.5	36.0	70.
30.5	81.5	8899.7	325.0	-36.6	-44.7	262.7	36.0	35.7	4.6	326.2	327.0	0.2	42.1	39.9	71.
32.5	85.7	9449.3	300.0	-41.0	99.9	261.4	39.3	38.8	5.9	327.5	999.9	99.9	999.9	44.3	72.
34.8	90.3	10035.2	275.0	-45.1	99.9	267.0	35.2	35.1	1.8	323.9	999.9	99.9	999.9	49.0	73.
36.9	95.2	10665.6	250.0	-49.6	99.9	269.9	38.8	38.8	0.0	332.4	999.9	99.9	999.9	53.7	75.
39.3	100.2	11348.1	225.0	-54.4	99.9	264.5	41.2*	41.0	3.9	335.1	999.9	99.9	999.9	58.9	76.
41.9	105.5	12053.8	200.0	-58.6	99.9	262.8	30.6*	30.3	3.8	340.0	999.9	99.9	999.9	64.6	77.
44.9	111.3	12925.6	175.0	-61.9	99.9	261.8	27.4*	27.1	3.9	347.7	999.9	99.9	999.9	69.2	77.
48.4	117.8	13897.1	150.0	-59.8	99.9	250.3	27.7*	26.1	9.3	367.1	999.9	99.9	999.9	75.1	77.
52.4	125.0	15030.3	125.0	-58.8	99.9	266.5	30.0*	30.0	1.9	388.5	999.9	99.9	999.9	83.6	77.
57.2	133.0	16427.0	100.0	-61.7	99.9	258.6	34.9*	34.2	6.9	408.5	999.9	99.9	999.9	91.4	77.
63.1	141.3	18211.2	75.0	-65.5	99.9	263.8	9.2*	9.2	1.0	435.6	999.9	99.9	999.9	96.0	78.
71.5	150.7	20742.2	50.0	-56.2	99.9	999.9	99.9	99.9	99.9	511.2	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

24 APRIL 1975
1415 GMT

132 57. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	1095.0	886.5	15.3	-4.1	310.0	4.1	3.1	-2.6	299.0	308.1	3.2	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	1205.5	875.0	15.0	-5.9	265.3	4.3	4.3	0.1	259.2	308.0	2.8	23.1	0.2	86.
1.1	16.3	1452.2	850.0	18.2	-6.0	305.9	4.1	3.3	-2.4	305.6	314.2	2.9	18.7	0.3	86.
2.0	19.1	1706.6	825.0	16.6	-7.7	329.2	12.5	6.4	-10.7	306.5	314.3	2.6	18.2	0.7	131.
2.9	21.2	1967.5	800.0	14.7	-8.8	315.2	7.9	5.6	-5.6	307.1	314.5	2.5	18.7	1.1	131.
3.7	23.5	2234.7	775.0	12.7	-10.1	335.8	7.1	2.9	-6.5	307.7	314.7	2.3	19.4	1.5	136.
4.6	25.8	2508.6	750.0	10.9	-11.5	281.2	8.0	7.8	-1.5	308.7	315.2	2.1	19.5	1.8	134.
5.5	28.2	2789.5	725.0	8.0	-13.4	275.1	8.9	8.9	-0.8	308.5	314.3	1.9	20.1	2.3	126.
6.5	30.7	3077.7	700.0	5.7	-14.9	264.6	8.5	8.4	0.8	309.0	314.3	1.7	21.1	2.7	120.
7.4	33.2	3373.7	675.0	3.0	-15.8	263.6	10.7	10.6	1.2	309.2	314.3	1.6	23.5	3.1	114.
8.4	35.7	3677.7	650.0	0.1	-17.5	267.3	11.6	11.6	0.6	309.3	313.9	1.5	25.1	3.7	109.
9.3	38.2	3990.7	625.0	-1.8	-18.7	265.1	12.1	12.0	1.0	310.6	315.0	1.4	26.1	4.3	106.
10.3	40.8	4314.4	600.0	-4.0	-23.9	249.7	15.0	14.0	5.2	311.5	314.5	0.9	19.6	5.0	102.
11.5	43.6	4649.0	575.0	-5.7	-27.3	242.0	19.2	17.0	9.0	313.4	315.7	0.7	16.2	6.0	95.
12.5	46.4	4996.2	550.0	-7.3	-29.5	241.1	20.6	18.0	9.9	315.5	317.5	0.6	14.9	7.2	89.
13.7	49.4	5357.0	525.0	-10.0	-31.1	244.3	22.7	20.5	9.9	316.5	318.3	0.5	15.8	8.5	84.
14.7	52.3	5730.7	500.0	-13.3	-33.7	244.8	23.4	21.2	9.9	316.8	318.3	0.4	16.1	9.9	82.
16.0	55.3	6119.1	475.0	-16.1	-35.5	243.6	25.0	22.4	11.1	318.0	319.4	0.4	16.8	11.6	79.
17.2	58.4	6523.7	450.0	-19.0	-36.1	245.7	26.8	24.5	11.0	319.4	320.8	0.4	20.5	13.5	77.
18.7	61.8	6946.8	425.0	-22.1	-28.9	249.9	29.6	27.8	10.1	320.7	323.5	0.8	53.6	15.9	76.
20.2	65.2	7390.0	400.0	-25.3	-32.1	251.2	32.0	30.3	10.3	322.1	324.3	0.6	52.7	18.7	75.
21.7	68.7	7854.8	375.0	-29.3	-36.1	249.8	31.9	29.9	11.0	322.2	324.4	0.5	51.3	21.5	74.
23.3	72.2	8344.1	350.0	-32.8	-41.1	247.4	32.3	29.8	12.4	324.5	325.6	0.3	42.6	24.7	74.
25.0	76.2	8861.8	325.0	-36.9	-44.6	248.8	34.4	32.1	12.4	325.7	326.5	0.2	44.5	28.1	73.
26.7	80.3	9411.0	300.0	-41.2	99.9	254.9	35.4	34.1	9.2	327.3	999.9	99.9	999.9	31.7	73.
28.5	84.5	9994.9	275.0	-46.5	99.9	256.7	35.2	34.3	8.1	327.9	999.9	99.9	999.9	35.6	73.
30.6	89.3	10620.8	250.0	-51.0	99.9	257.6	39.7	38.7	8.5	330.2	999.9	99.9	999.9	40.2	74.
32.8	94.0	11299.1	225.0	-55.6	99.9	256.6	41.8	40.7	9.7	333.3	999.9	99.9	999.9	44.6	74.
35.3	99.2	12043.2	200.0	-59.5	99.9	260.5	44.8	44.2	7.4	338.6	999.9	99.9	999.9	49.8	75.
38.0	105.0	12870.5	175.0	-63.1	99.9	257.5	23.5	23.0	5.1	345.9	999.9	99.9	999.9	55.1	75.
41.0	111.3	13826.1	150.0	-61.0	99.9	256.0	38.1	36.9	9.2	364.9	999.9	99.9	999.9	62.6	76.
44.4	118.3	14956.9	125.0	-62.7	99.9	251.6	26.8	25.4	8.5	381.5	999.9	99.9	999.9	69.2	76.
49.2	127.0	16336.2	100.0	-61.0	99.9	256.5	19.1	18.6	4.4	409.8	999.9	99.9	999.9	75.9	75.
54.5	136.7	18120.3	75.0	-61.1	99.9	265.4	22.4	22.3	1.8	444.8	999.9	99.9	999.9	84.5	75.
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. 402
WALLOPS ISLAND, VA

24 APRIL 1975
1415 GMT

159 8. 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	4.0	1017.5	16.7	11.2	999.9	99.9	99.9	99.9	289.5	310.9	8.3	70.0	999.9	999.9
0.4	5.5	153.0	1000.0	18.7	12.4	999.9	99.9	99.9	99.9	293.1	317.0	9.1	66.6	999.9	999.9
1.0	7.4	370.2	975.0	17.5	11.9	999.9	99.9	99.9	99.9	293.9	317.8	9.1	70.0	999.9	999.9
2.0	9.5	591.6	950.0	15.2	11.7	999.9	99.9	99.9	99.9	293.8	317.8	9.1	79.4	999.9	999.9
3.2	11.3	817.4	925.0	13.4	11.9	999.9	99.9	99.9	99.9	294.2	319.2	9.5	90.6	999.9	999.9
4.1	13.5	1048.0	900.0	11.7	10.8	999.9	99.9	99.9	99.9	294.8	318.8	9.1	94.0	999.9	999.9
4.9	15.6	1284.4	875.0	12.4	8.9	999.9	99.9	99.9	99.9	297.7	319.9	8.2	79.6	999.9	999.9
5.8	17.7	1528.1	850.0	12.4	7.6	999.9	99.9	99.9	99.9	300.1	321.3	7.7	72.5	999.9	999.9
6.9	20.0	1778.1	825.0	10.6	6.4	999.9	99.9	99.9	99.9	300.7	320.9	7.4	75.7	999.9	999.9
7.9	22.1	2034.1	800.0	8.5	6.3	999.9	99.9	99.9	99.9	301.2	321.9	7.5	85.9	999.9	999.9
8.9	24.4	2296.6	775.0	6.9	4.7	999.9	99.9	99.9	99.9	302.2	321.4	6.9	85.4	999.9	999.9
9.8	26.6	2566.0	750.0	5.4	1.6	999.9	99.9	99.9	99.9	303.2	319.4	5.7	76.2	999.9	999.9
10.8	29.0	2842.6	725.0	3.9	-0.1	999.9	99.9	99.9	99.9	304.4	319.4	5.3	75.1	999.9	999.9
11.7	31.5	3127.3	700.0	1.8	-2.6	999.9	99.9	99.9	99.9	305.1	318.1	4.5	72.4	999.9	999.9
12.8	34.1	3420.3	675.0	0.7	-6.1	999.9	99.9	99.9	99.9	306.9	317.4	3.6	60.1	999.9	999.9
13.8	36.5	3722.7	650.0	-1.3	-7.9	999.9	99.9	99.9	99.9	307.9	317.6	3.3	60.6	999.9	999.9
14.9	39.1	4034.3	625.0	-3.1	-9.0	999.9	99.9	99.9	99.9	309.3	318.5	3.1	63.5	999.9	999.9
16.1	41.7	4357.3	600.0	-4.0	-23.7	999.9	99.9	99.9	99.9	311.5	314.6	1.0	20.3	999.9	999.9
17.4	44.6	4692.3	575.0	-5.2	-25.2	999.9	99.9	99.9	99.9	314.0	316.8	0.9	19.0	999.9	999.9
18.6	47.4	5040.4	550.0	-7.1	-26.7	999.9	99.9	99.9	99.9	315.8	319.4	0.8	19.1	999.9	999.9
19.8	50.3	5401.2	525.0	-10.0	-28.0	999.9	99.9	99.9	99.9	316.5	318.9	0.7	21.1	999.9	999.9
21.1	53.3	5775.3	500.0	-12.8	-26.0	999.9	99.9	99.9	99.9	317.5	320.6	0.9	31.8	999.9	999.9
22.4	56.1	6165.7	475.0	-14.3	-29.8	999.9	99.9	99.9	99.9	320.3	322.5	0.7	25.3	999.9	999.9
23.9	59.4	6573.0	450.0	-17.5	-29.5	999.9	99.9	99.9	99.9	321.3	323.8	0.7	34.0	999.9	999.9
25.4	62.9	6999.9	425.0	-19.4	-34.3	999.9	99.9	99.9	99.9	324.1	325.8	0.5	25.3	999.9	999.9
27.0	66.1	7447.5	400.0	-22.5	-37.7	999.9	99.9	99.9	99.9	325.7	327.0	0.4	23.5	999.9	999.9
28.5	69.9	7917.8	375.0	-25.9	-43.4	999.9	99.9	99.9	99.9	327.2	328.0	0.2	17.4	999.9	999.9
30.2	73.6	8414.1	350.0	-29.7	-46.5	999.9	99.9	99.9	99.9	328.6	329.2	0.2	17.7	999.9	999.9
32.0	77.8	8936.7	325.0	-34.7	-49.0	999.9	99.9	99.9	99.9	328.7	329.2	0.1	21.6	999.9	999.9
33.9	82.0	9499.3	300.0	-40.1	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.9
36.0	86.4	10078.0	275.0	-44.2	99.9	999.9	99.9	99.9	99.9	331.2	999.9	99.9	999.9	999.9	999.9
38.1	91.3	10709.1	250.0	-49.8	99.9	999.9	99.9	99.9	99.9	332.1	999.9	99.9	999.9	999.9	999.9
40.7	96.4	11390.4	225.0	-55.2	99.9	999.9	99.9	99.9	99.9	333.9	999.9	99.9	999.9	999.9	999.9
43.3	101.8	12136.4	200.0	-58.4	99.9	999.9	99.9	99.9	99.9	340.3	999.9	99.9	999.9	999.9	999.9
45.8	108.0	12966.0	175.0	-64.3	99.9	999.9	99.9	99.9	99.9	343.8	999.9	99.9	999.9	999.9	999.9
49.0	114.7	13899.5	150.0	-66.4	99.9	999.9	99.9	99.9	99.9	355.7	999.9	99.9	999.9	999.9	999.9
52.8	122.0	15039.9	125.0	-56.6	99.9	999.9	99.9	99.9	99.9	392.5	999.9	99.9	999.9	999.9	999.9
57.3	130.0	16441.0	100.0	-59.2	99.9	999.9	99.9	99.9	99.9	413.3	999.9	99.9	999.9	999.9	999.9
62.9	138.3	18223.1	75.0	-63.8	99.9	999.9	99.9	99.9	99.9	439.1	999.9	99.9	999.9	999.9	999.9
70.1	147.0	20728.2	50.0	-59.9	99.9	999.9	99.9	99.9	99.9	502.3	999.9	99.9	999.9	999.9	999.9
80.6	156.0	25141.0	25.0	-52.0	99.9	999.9	99.9	99.9	99.9	635.2	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 405
STERLING, VA

24 APRIL 1975
1415 GMT

135 56. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	85.0	1003.6	18.3	15.6	200.0	5.1	1.7	4.8	292.6	321.6	11.2	84.0	0.0	C.
0.2	5.7	116.0	1000.0	18.5	14.2	201.6	7.5	2.8	6.9	293.0	319.9	10.3	76.6	0.1	12.
1.6	7.8	333.1	975.0	16.9	13.2	208.5	12.0	5.7	10.6	293.5	319.3	9.9	79.0	1.0	25.
2.5	5.8	554.2	950.0	14.6	11.3	214.3	14.4	8.1	11.9	293.2	316.6	8.9	80.7	1.7	27.
3.5	11.7	780.6	925.0	15.0	10.8	220.7	13.8	9.0	10.5	295.8	319.3	8.8	75.7	2.6	31.
4.5	13.9	1012.5	900.0	14.0	9.3	235.3	15.5	12.7	8.9	297.1	319.2	8.2	73.4	3.4	34.
5.3	15.9	1250.2	875.0	12.6	8.6	253.6	14.6	14.0	4.1	297.9	319.7	8.1	76.7	4.1	40.
6.3	18.1	1493.4	850.0	11.4	8.3	260.7	19.3	19.0	3.1	299.2	321.2	8.1	81.3	4.9	48.
7.3	20.3	1743.1	825.0	10.3	7.0	270.7	17.1	17.1	-0.2	300.5	321.5	7.7	80.3	5.8	54.
8.4	22.5	1990.2	800.0	9.2	4.8	266.0	19.8	19.8	1.2	301.9	320.6	6.8	73.7	6.7	60.
9.5	24.7	2242.4	775.0	8.4	1.6	264.4	21.7	21.6	2.1	303.5	319.2	5.6	62.4	8.0	64.
10.7	27.0	2532.5	750.0	6.1	0.4	259.6	21.0	20.7	3.8	303.9	318.9	5.3	66.8	9.5	67.
11.9	29.3	2810.1	725.0	4.8	0.2	252.2	21.7	20.6	6.6	305.5	320.8	5.4	71.9	11.0	68.
12.9	32.1	3055.9	700.0	3.1	-1.5	246.5	22.0	20.2	8.8	306.6	320.8	4.9	71.6	12.4	69.
14.1	34.7	3390.0	675.0	0.8	-2.0	242.7	22.4	19.9	10.3	307.2	321.4	4.9	81.5	13.9	68.
15.2	37.2	3692.5	650.0	-1.5	-5.0	243.8	24.3	21.8	10.7	307.7	319.7	4.1	77.3	15.5	67.
16.4	39.9	4004.0	625.0	-3.6	-7.3	247.4	26.1	24.1	10.0	308.7	319.2	3.5	75.4	17.2	67.
17.7	42.4	4325.5	600.0	-6.0	-9.2	253.0	27.2	26.0	7.9	309.5	319.0	3.2	78.0	19.4	67.
19.0	45.2	4657.5	575.0	-8.4	-12.6	256.5	27.1	26.4	6.3	310.5	318.2	2.5	71.3	21.5	68.
20.6	48.1	5000.8	550.0	-10.9	-15.2	259.8	28.5	28.1	5.1	311.3	317.2	2.1	71.1	24.0	69.
21.8	50.3	5357.6	525.0	-12.0	-14.9	271.2	25.6	25.6	-0.5	314.2	321.4	2.3	79.2	26.1	71.
23.4	53.9	5729.6	500.0	-14.2	-17.3	269.6	25.4	25.4	0.2	315.9	322.1	2.0	77.1	28.1	72.
24.8	56.3	6116.9	475.0	-17.2	-20.1	266.5	23.6	23.5	1.4	316.9	322.1	1.6	77.8	30.3	73.
26.5	60.0	6520.4	450.0	-19.6	-23.0	271.5	22.3	22.3	-0.6	318.7	323.1	1.3	74.1	32.3	74.
27.9	63.3	6943.2	425.0	-22.6	-27.2	275.5	25.6	25.5	-2.4	320.1	323.3	1.0	65.8	34.4	76.
29.3	66.5	7384.8	400.0	-26.5	-29.4	282.8	24.7	24.1	-5.5	320.6	323.4	0.8	76.4	36.3	77.
30.9	70.0	7848.6	375.0	-29.5	-37.1	290.4	23.1	21.7	-8.1	322.5	324.0	0.4	47.5	38.3	78.
32.9	73.4	8337.0	350.0	-33.7	-41.8	287.1	24.1	23.0	-7.1	323.2	324.2	0.3	43.7	40.6	80.
34.4	77.3	8851.8	325.0	-38.3	-46.2	297.5	24.2	21.5	-11.2	323.8	324.5	0.2	42.8	42.7	82.
36.3	81.0	9366.8	300.0	-42.8	99.9	302.5	24.6	20.7	-13.2	325.0	999.9	99.9	999.9	44.9	84.
38.2	85.1	9577.7	275.0	-47.5	99.9	299.0	33.5	29.3	-16.2	326.5	999.9	99.9	999.9	47.4	87.
40.3	89.4	10600.9	250.0	-52.4	99.9	298.6	39.8	35.0	-19.1	328.2	999.9	99.9	999.9	51.1	89.
42.9	94.0	11272.5	225.0	-58.2	99.9	305.6	42.0	34.2	-24.4	329.3	999.9	99.9	999.9	56.7	93.
45.1	99.0	12003.7	200.0	-64.5	99.9	300.7	45.1	38.8	-23.0	330.7	999.9	99.9	999.9	61.5	96.
47.8	104.2	12814.3	175.0	-64.2	99.9	298.8	19.3	16.9	-9.3	344.0	999.9	99.9	999.9	66.0	98.
51.2	110.2	13765.5	150.0	-62.4	99.9	276.8	27.5	27.3	-3.2	362.7	999.9	99.9	999.9	69.8	98.
55.4	116.5	14909.5	125.0	-53.6	99.9	293.2	29.2	26.8	-11.5	397.9	999.9	99.9	999.9	78.1	98.
60.1	124.0	16331.2	100.0	-58.7	99.9	284.4	16.8	16.2	-4.2	414.3	999.9	99.9	999.9	83.5	99.
66.4	132.3	18099.5	75.0	-63.2	99.9	316.6	14.5	9.9	-10.5	440.4	999.9	99.9	999.9	89.0	100.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 425
HUNTINGTON, WVA

24 APRIL 1975
1415 GMT

142 46.0 C

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CMP M/SLC	V CMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	246.0	981.7	20.6	14.5	240.0	6.2	5.4	3.1	256.7	324.9	10.7	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	8.3	305.4	975.0	20.3	15.0	206.6	17.0	7.6	15.2	297.0	326.3	11.1	71.7	0.3	27.
0.9	10.5	525.8	950.0	19.3	13.7	210.1	17.2	8.6	14.9	298.2	326.1	10.5	70.1	0.6	27.
1.5	12.7	759.0	925.0	17.5	13.0	213.0	20.1	11.0	16.9	298.6	326.0	10.3	74.9	1.3	30.
2.1	15.1	992.8	900.0	15.4	12.5	217.1	23.7	14.3	18.9	298.8	326.0	10.2	82.7	2.1	31.
2.9	17.3	1232.0	875.0	14.1	13.0	227.3	27.8	20.4	18.8	299.9	328.9	10.9	93.3	3.3	35.
3.7	19.7	1476.9	850.0	12.9	11.5	235.3	29.9	24.6	17.0	301.0	328.2	10.1	91.2	4.7	40.
4.3	22.0	1728.2	825.0	12.3	10.1	240.0	30.6	26.5	15.3	302.9	328.7	9.5	86.2	5.8	44.
5.1	24.5	1986.3	800.0	10.7	7.8	241.6	26.9	23.6	12.8	303.7	326.7	8.4	82.3	7.1	47.
5.8	26.7	2250.9	775.0	9.3	8.0	241.6	27.6	24.2	13.1	304.9	329.1	8.7	91.5	8.2	49.
6.5	29.5	2522.7	750.0	7.5	6.4	241.6	28.2	24.8	13.4	305.8	326.4	8.1	92.8	9.4	51.
7.3	32.1	2802.0	725.0	6.0	4.3	242.9	28.1	25.0	12.8	307.0	327.4	7.2	88.4	10.7	52.
8.2	34.7	3089.3	700.0	4.2	2.5	246.1	28.3	25.8	11.5	308.0	326.7	6.6	88.5	12.2	54.
9.1	37.2	3384.4	675.0	2.0	-0.1	249.5	27.0	25.3	9.5	308.6	324.9	5.7	86.0	13.6	55.
10.0	40.0	3688.1	650.0	-0.7	-2.4	252.0	26.0	24.8	8.0	308.8	323.2	5.0	88.7	15.1	57.
10.9	42.5	4001.1	625.0	-2.6	-5.0	253.7	28.6	27.4	8.0	310.0	322.4	4.2	83.8	16.3	58.
11.7	45.4	4325.1	600.0	-3.1	-9.2	254.4	31.7	30.6	8.6	312.9	322.6	3.2	62.9	17.8	59.
12.6	48.3	4660.9	575.0	-5.5	-8.6	253.7	32.7	31.4	9.2	314.0	324.5	3.5	78.9	19.5	61.
13.4	51.1	5008.7	550.0	-7.5	-10.7	255.7	31.0	30.1	7.7	315.6	325.1	3.1	77.7	21.0	62.
14.3	54.1	5369.5	525.0	-10.2	-19.0	259.8	31.6	31.1	5.6	316.3	321.5	1.6	48.2	22.7	63.
15.2	57.0	5743.2	500.0	-13.5	-22.2	261.3	29.6	29.3	4.5	316.7	320.9	1.3	47.8	24.3	64.
16.3	60.3	6132.3	475.0	-15.3	-26.4	258.3	29.3	28.6	5.9	319.1	322.2	0.9	38.0	26.0	65.
17.3	63.6	6539.3	450.0	-18.0	-30.9	265.9	30.4	30.3	2.1	320.7	322.9	0.6	31.6	27.8	66.
18.5	66.9	6965.3	425.0	-19.3	-22.4	270.7	28.0	28.0	-0.4	324.4	329.4	1.5	76.3	29.9	68.
19.6	70.3	7413.9	400.0	-22.5	-25.9	272.6	24.7	24.7	-1.1	325.8	329.7	1.1	73.5	31.4	69.
20.8	73.7	7885.1	375.0	-25.8	-29.3	283.1	20.1	19.5	-4.5	327.5	330.6	0.9	71.7	32.8	70.
22.0	77.5	8381.8	350.0	-29.6	-34.2	282.7	23.4	22.8	-5.1	328.9	331.0	0.6	64.0	34.1	72.
23.3	81.2	8906.2	325.0	-33.5	-38.8	287.3	24.2	23.1	-7.2	330.4	331.9	0.4	58.5	35.7	73.
24.6	85.3	9462.4	300.0	-38.6	-43.8	284.8	23.4	22.6	-6.0	331.0	331.9	0.3	57.2	37.2	75.
25.9	89.5	10053.6	275.0	-44.0	99.9	277.6	26.4	26.2	-3.5	331.6	999.9	99.9	999.9	38.9	76.
27.2	94.0	10685.7	250.0	-49.5	99.9	275.3	24.7	24.6	-2.3	332.5	999.9	99.9	999.9	40.6	77.
28.6	98.6	11365.8	225.0	-55.9	99.9	275.5	24.4	24.3	-2.3	332.9	999.9	99.9	999.9	42.9	78.
30.2	103.9	12102.9	200.0	-63.0	99.9	278.4	21.1	20.8	-3.1	333.0	999.9	99.9	999.9	44.8	79.
32.1	109.3	12912.4	175.0	-67.8	99.9	280.1	33.0	32.5	-5.8	338.1	999.9	99.9	999.9	47.6	80.
34.4	115.2	13877.3	150.0	-58.4	99.9	286.9	33.0	31.6	-9.6	369.5	999.9	99.9	999.9	52.1	83.
37.2	122.0	15022.4	125.0	-59.1	99.9	263.7	24.8	24.7	2.7	388.0	999.9	99.9	999.9	56.7	84.
40.5	129.3	16424.0	100.0	-61.2	99.9	259.0	16.2	15.9	3.1	409.6	999.9	99.9	999.9	61.2	84.
44.5	137.7	18201.1	75.0	-63.2	99.9	292.0	8.3	7.7	-3.1	440.5	999.9	99.9	999.9	64.0	84.
49.8	146.5	20727.3	50.0	-56.9	99.9	999.9	99.9	99.9	99.9	509.5	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 CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

197

STATION NO. 429
DAYTCN. OHIO

24 APRIL 1975
1415 GMT

107 155. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T UG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	298.0	976.0	14.9	14.3	250.0	6.7	6.3	2.3	291.5	318.7	10.6	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	999.9
0.1	7.7	306.7	975.0	14.7	13.9	251.6	5.9	5.6	1.9	291.3	319.0	10.3	95.0	0.0	16.
1.0	6.8	526.2	950.0	13.0	11.3	260.5	11.3	11.2	1.9	291.5	314.8	8.9	89.7	0.4	77.
2.0	11.7	750.7	925.0	12.3	9.9	270.2	10.9	10.9	-0.0	293.0	314.9	8.3	85.3	1.2	82.
2.9	13.8	980.3	900.0	10.9	8.6	267.9	12.9	12.9	0.5	293.7	314.5	7.8	85.6	1.2	84.
4.1	15.9	1215.1	875.0	9.6	7.1	264.4	9.4	9.3	0.9	294.8	314.2	7.3	84.0	2.6	85.
5.2	18.1	1455.6	850.0	8.3	5.5	270.5	9.5	9.5	-0.1	295.7	313.7	6.7	82.5	3.2	85.
6.2	20.2	1702.2	825.0	6.8	4.9	278.8	8.0	8.0	-1.2	296.7	314.5	6.6	87.3	3.7	87.
7.4	22.4	1954.5	800.0	4.8	3.1	277.2	6.8	6.7	-0.8	297.1	313.5	6.0	88.5	4.2	88.
8.6	24.7	2213.2	775.0	3.4	1.5	254.6	6.2	6.0	1.7	298.1	313.4	5.5	87.6	4.7	88.
9.8	26.9	2479.3	750.0	2.6	0.8	241.7	10.0	8.8	4.7	300.1	315.2	5.4	88.1	5.2	88.
10.9	29.2	2753.4	725.0	1.4	-0.1	240.1	14.2	12.3	7.1	301.7	316.4	5.3	89.9	5.9	83.
11.8	31.9	3036.4	700.0	1.0	-0.5	245.2	18.8	17.1	7.9	304.3	319.3	5.3	89.7	6.8	80.
12.9	34.2	3328.8	675.0	-0.1	-1.4	247.8	22.6	20.9	8.5	306.2	320.9	5.1	90.8	8.2	78.
14.2	36.7	3631.2	650.0	-1.2	-2.3	247.3	25.4	23.4	9.8	308.3	322.7	5.0	91.6	10.0	76.
15.6	39.4	3943.4	625.0	-3.0	-4.2	247.2	23.9	22.0	9.2	309.5	322.7	4.5	91.9	12.1	74.
17.2	41.9	4266.5	600.0	-4.3	-5.7	252.5	23.3	22.2	7.0	311.7	324.0	4.2	89.4	14.3	74.
19.0	44.8	4601.1	575.0	-6.3	-8.2	255.5	23.4	22.7	5.9	313.0	323.8	3.6	86.4	16.8	74.
20.5	47.8	4948.2	550.0	-8.0	-10.0	259.3	22.7	22.3	4.2	315.0	324.9	3.2	85.1	18.8	74.
21.9	50.6	5309.1	525.0	-9.7	-11.9	262.6	25.1	24.9	3.2	317.1	326.2	2.9	83.9	20.9	75.
23.4	53.6	5684.5	500.0	-12.0	-14.4	264.3	23.8	23.7	2.3	318.7	326.6	2.5	82.0	23.1	76.
25.0	56.4	6075.7	475.0	-14.6	-17.5	262.0	26.1	25.9	3.6	320.1	326.6	2.0	78.2	25.4	76.
26.8	60.0	6483.0	450.0	-17.5	-20.6	257.6	27.1	26.5	5.8	321.4	326.8	1.6	76.1	28.3	77.
28.5	63.4	6909.4	425.0	-20.4	-23.6	254.0	23.4	22.5	6.5	323.0	327.4	1.3	74.8	31.0	77.
30.3	66.8	7355.6	400.0	-23.7	-27.3	257.4	28.7	28.0	6.3	324.3	327.7	1.0	72.0	33.5	76.
32.0	70.4	7824.3	375.0	-27.2	-31.0	255.9	27.6	26.8	6.7	325.6	328.3	0.8	69.5	36.5	76.
33.9	74.2	8317.2	350.0	-31.2	-35.4	253.5	29.0	27.8	8.2	326.7	328.6	0.5	65.6	39.9	76.
35.8	78.3	8837.7	325.0	-35.8	-40.6	249.5	28.7	26.9	10.0	327.3	328.5	0.3	61.0	43.0	76.
37.8	82.4	9388.7	300.0	-40.4	-46.9	248.4	26.1	24.3	9.6	328.4	999.9	99.9	999.9	46.5	75.
40.7	86.7	9975.5	275.0	-45.5	-53.9	249.2	33.9	31.7	12.1	329.3	999.9	99.9	999.9	50.0	75.
42.1	91.6	10602.9	250.0	-51.1	-59.9	247.9	35.4	32.8	13.3	330.1	999.9	99.9	999.9	54.4	74.
44.7	96.6	11278.5	225.0	-57.4	-67.9	246.5	34.3*	31.4	13.7	330.5	999.9	99.9	999.9	59.7	74.
47.5	102.0	12010.0	200.0	-64.6	-77.9	245.1	35.4*	32.1	14.9	330.5	999.9	99.9	999.9	65.7	73.
50.4	108.0	12820.4	175.0	-62.5	-71.8	271.8	36.2*	36.2	-1.2	346.7	999.9	99.9	999.9	72.1	73.
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	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 433
SALEM, ILL

24 APRIL 1975
1505 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	175.0	989.6	16.7	15.4	250.0	3.6	3.4	1.2	292.2	321.2	11.2	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	7.1	371.5	975.0	14.3	13.4	250.8	5.7	5.4	1.9	290.9	316.5	10.0	94.0	0.2	75.
1.1	6.3	521.0	950.0	12.9	11.7	240.0	5.0	4.3	2.5	291.5	315.4	9.2	92.7	0.4	72.
1.9	11.4	744.7	925.0	11.0	7.8	229.1	4.7	3.5	3.1	291.5	310.6	7.2	81.2	0.6	64.
2.7	13.6	974.1	900.0	12.0	7.0	239.6	2.8	2.4	1.4	294.8	313.6	7.0	71.4	0.9	62.
3.5	15.8	1210.6	875.0	12.5	3.4	192.0	1.1	0.2	1.0	297.5	312.9	5.6	54.1	0.9	61.
4.4	18.1	1453.3	850.0	10.9	2.5	234.8	4.0	3.3	2.3	298.2	313.2	5.4	56.4	1.0	57.
5.3	20.5	1791.7	825.0	9.2	2.7	248.8	9.2	8.6	3.3	299.0	314.7	5.7	64.1	1.3	59.
6.1	22.9	1956.4	800.0	8.0	1.6	247.3	14.0	12.9	5.4	300.4	315.3	5.4	63.8	1.9	62.
7.0	25.3	2218.0	775.0	6.6	0.1	257.2	14.8	14.4	3.3	301.6	315.6	5.0	63.2	2.7	64.
7.9	27.7	2487.2	750.0	6.2	-2.4	272.9	14.8	14.8	-0.8	303.9	316.2	4.3	53.9	3.4	69.
8.8	30.3	2765.2	725.0	5.8	-3.0	286.7	16.7	16.0	-4.8	308.4	318.6	4.2	53.2	4.2	75.
9.8	33.0	3051.5	700.0	3.6	-3.8	288.8	19.3	18.3	-6.2	307.0	319.1	4.1	58.6	5.1	82.
10.6	35.5	3346.0	675.0	0.9	-2.4	285.8	20.0	19.2	-5.5	307.3	321.0	4.8	78.6	6.0	80.
11.7	38.2	3648.3	650.0	-1.3	-2.8	281.0	19.8	19.5	-3.8	308.1	322.0	4.5	89.8	7.2	89.
12.7	40.9	3960.6	625.0	-2.9	-4.2	274.0	18.7	18.7	-1.3	309.7	322.8	4.5	90.5	8.4	91.
13.8	43.8	4283.6	600.0	-4.6	-6.0	264.1	18.1	18.0	1.8	311.4	323.4	4.1	89.4	9.6	90.
14.8	46.7	4617.7	575.0	-6.7	-8.3	259.0	21.1	20.7	4.0	312.6	323.3	3.6	88.5	10.7	89.
15.8	49.8	4963.8	550.0	-9.0	-10.2	258.0	24.3	23.8	5.1	313.8	323.5	3.2	91.0	12.1	88.
16.9	52.6	5323.3	525.0	-10.8	-12.1	259.0	26.0	25.5	5.0	315.8	324.7	2.9	89.6	13.4	87.
18.1	55.7	5697.5	500.0	-12.9	-14.5	260.2	25.9	25.6	4.4	317.6	325.4	2.5	87.8	15.6	86.
19.2	58.9	6087.3	475.0	-15.0	-17.2	260.4	26.0	25.6	4.3	319.6	326.3	2.1	82.8	17.4	85.
20.5	62.3	6494.5	450.0	-17.5	-20.6	258.4	25.2	24.7	5.0	321.3	326.7	1.7	77.2	19.2	85.
21.8	65.8	6920.3	425.0	-21.0	-24.6	262.1	26.0	25.8	3.6	322.2	326.3	1.2	72.7	21.3	84.
23.2	69.3	7365.7	400.0	-23.9	-27.1	260.0	25.6	25.2	4.5	323.9	327.4	1.0	75.0	23.6	84.
24.8	73.0	7833.5	375.0	-27.8	-32.5	260.5	27.2	26.8	4.5	324.8	327.0	0.7	63.9	26.0	84.
26.2	76.7	8325.8	350.0	-31.6	-37.1	263.9	26.8	26.6	2.8	326.0	327.6	0.4	58.0	28.2	84.
27.9	80.9	8846.1	325.0	-35.8	-41.3	258.9	26.1	25.6	5.0	327.3	328.4	0.3	56.1	30.9	83.
29.7	85.1	9397.4	300.0	-40.1	99.9	249.4	26.2	24.6	9.2	328.9	329.9	99.9	999.9	33.6	83.
31.7	89.6	9985.4	275.0	-45.2	99.9	244.2	24.5	22.1	10.7	329.8	329.9	99.9	999.9	36.5	81.
33.8	94.6	10613.4	250.0	-51.2	99.9	246.8	30.9	28.4	12.1	330.0	330.0	99.9	999.9	39.9	81.
35.9	99.5	11299.1	225.0	-57.4	99.9	245.9	31.6	28.9	12.3	330.6	330.6	99.9	999.9	43.7	79.
38.4	105.0	12023.4	200.0	-62.7	99.9	250.4	35.4	33.4	11.9	333.5	333.5	99.9	999.9	48.4	77.
41.1	111.0	12850.1	175.0	-62.1	99.9	259.1	27.4	26.9	5.2	347.5	347.5	99.9	999.9	52.7	78.
44.5	117.7	13812.6	150.0	-58.3	99.9	260.4	27.6	27.2	4.6	369.7	369.7	99.9	999.9	59.1	78.
48.4	125.5	14956.0	125.0	-59.8	99.9	262.8	27.1	26.9	3.4	386.7	386.7	99.9	999.9	65.5	78.
53.0	134.0	16351.9	100.0	-58.1	99.9	284.8	17.2	16.6	-4.4	415.4	415.4	99.9	999.9	72.7	79.
58.6	143.0	18128.9	75.0	-62.9	99.9	271.2	14.4	14.4	-0.3	441.1	441.1	99.9	999.9	76.1	79.
66.3	153.0	20656.6	50.0	-58.1	99.9	281.6	3.7	3.6	-0.7	506.5	506.5	99.9	999.9	79.5	80.
78.3	163.3	25116.5	25.0	-50.1	99.9	336.5	2.1	0.8	-1.9	641.0	641.0	99.9	999.9	79.5	80.

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

300

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
1445 GMT

154 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPLD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	791.0	919.3	14.4	12.8	350.0	7.7	1.3	-7.6	295.9	322.8	10.2	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	15.6	970.2	900.0	12.4	11.4	354.5	11.6	1.1	-11.6	295.5	320.6	9.5	93.9	0.4	171.
1.2	18.0	1206.6	875.0	11.3	10.7	354.1	11.1	1.1	-11.1	296.7	321.5	9.3	96.5	0.8	172.
2.0	20.5	1449.6	850.0	11.5	11.0	5.8	7.2	-0.7	-7.2	299.5	325.8	9.8	96.6	1.3	174.
2.8	22.9	1699.0	825.0	13.2	-4.2	19.2	5.6	-1.8	-5.3	303.0	312.8	3.4	29.5	1.8	178.
3.5	25.5	1958.0	800.0	13.3	-12.0	36.3	4.8	-2.8	-3.9	305.6	311.3	1.9	16.0	1.7	181.
4.2	28.0	2223.2	775.0	11.8	-21.0	27.6	4.9	-2.3	-4.3	306.6	309.6	0.9	8.2	1.9	185.
5.1	30.8	2496.6	750.0	9.9	-30.3	2.3	5.0	-0.2	-5.0	307.4	308.7	0.4	4.0	2.2	186.
6.0	33.6	2776.5	725.0	7.3	-43.6	339.8	6.0	2.1	-5.6	307.5	307.9	0.1	1.3	2.4	184.
6.9	36.2	3063.6	700.0	5.0	-40.6	334.7	4.6	2.0	-4.2	308.0	308.6	0.2	2.0	2.7	181.
7.8	39.0	3358.4	675.0	2.3	-35.3	320.3	2.5	1.6	-1.9	308.3	309.2	0.3	4.1	2.9	179.
8.7	41.9	3661.6	650.0	-0.3	-30.7	264.8	2.8	2.8	0.3	308.6	310.1	0.5	7.9	3.0	178.
9.8	44.9	3973.5	625.0	-3.0	-28.1	252.3	5.3	5.1	1.6	309.1	311.1	0.6	12.3	2.9	173.
11.0	48.0	4294.8	600.0	-6.3	-26.6	256.9	6.7	6.5	1.5	308.9	311.3	0.7	18.0	2.9	164.
12.0	50.8	4626.2	575.0	-9.0	-25.5	256.7	7.2	7.0	1.7	309.5	312.2	0.8	24.8	2.9	155.
13.2	54.1	4968.3	550.0	-11.8	-26.0	253.9	9.7	9.6	1.7	310.1	312.8	0.8	29.6	3.1	146.
14.4	57.1	5323.8	525.0	-13.4	-33.9	244.6	14.5	13.1	6.2	312.3	313.7	0.4	15.9	3.5	133.
15.6	60.5	5693.8	500.0	-15.5	-37.1	239.5	18.2	15.7	9.2	314.2	315.3	0.3	13.8	4.0	115.
16.9	64.0	6078.8	475.0	-18.1	-39.5	246.0	20.6	18.8	8.4	315.5	316.4	0.3	13.2	5.0	102.
18.1	67.3	6479.8	450.0	-21.9	-32.2	249.3	22.8	21.3	8.1	315.7	317.6	0.6	39.4	6.4	94.
19.3	70.9	6958.4	425.0	-24.5	-30.1	250.8	26.0	24.5	8.5	317.6	320.1	0.7	59.3	8.2	89.
20.7	74.7	7337.0	400.0	-27.9	-33.2	247.9	29.5	27.3	11.1	318.8	320.8	0.6	60.0	10.3	85.
22.0	78.7	7797.8	375.0	-31.3	-37.8	245.6	32.9	30.0	13.6	320.1	321.5	0.4	52.2	12.7	81.
23.4	82.7	8282.7	350.0	-34.7	-42.0	248.4	39.8	37.0	14.6	321.9	322.9	0.3	47.0	15.6	78.
25.0	86.7	8796.9	325.0	-37.8	-45.0	249.8	42.7	40.1	14.7	324.5	325.2	0.2	46.4	19.5	77.
26.7	91.3	9342.7	300.0	-43.0	94.9	250.0	48.0	45.1	16.4	324.7	999.9	99.9	999.9	24.3	75.
28.6	95.9	9923.4	275.0	-47.4	99.9	250.9	50.3	47.6	16.5	326.6	999.9	99.9	999.9	29.9	74.
30.6	100.7	10549.1	250.0	-50.8	99.9	253.9	48.5	46.7	13.4	330.6	999.9	99.9	999.9	35.8	74.
32.9	106.0	11226.6	225.0	-55.7	99.9	256.7	49.8	48.5	11.5	333.1	999.9	99.9	999.9	43.0	74.
35.1	111.5	11969.9	200.0	-59.1	99.9	252.7	50.6	48.3	15.1	339.2	999.9	99.9	999.9	49.0	74.
37.9	117.5	12805.9	175.0	-59.3	99.9	256.5	37.1	36.1	8.7	352.2	999.9	99.9	999.9	56.6	74.
41.1	124.3	13777.9	150.0	-57.7	99.9	247.6	29.8	27.6	11.3	370.7	999.9	99.9	999.9	62.7	74.
45.2	131.3	14924.3	125.0	-58.7	99.9	245.0	27.5	24.9	11.6	388.7	999.9	99.9	999.9	69.9	73.
49.8	138.8	16326.2	100.0	-58.7	99.9	252.2	25.6	24.4	7.8	414.3	999.9	99.9	999.9	77.9	73.
55.5	146.3	19141.0	75.0	-60.3	99.9	271.9	18.4	18.4	-0.6	446.5	999.9	99.9	999.9	85.5	74.
63.0	154.3	20676.6	50.0	-54.0	99.9	259.3	11.7	11.5	2.2	516.4	999.9	99.9	999.9	89.2	74.
74.8	162.7	25144.6	25.0	-49.4	99.9	65.6	2.5	-2.3	-1.1	643.1	999.9	99.9	999.9	91.9	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

301

STATION NO. 456
TOPEKA, KAN

24 APRIL 1975
1420 GMT

163 10. 0

TIME MIN	CTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	268.0	977.8	18.3	16.1	140.0	7.7	-4.9	5.9	254.9	325.9	11.9	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	999.9	999.9	99.9	999.9	999.9	999.9
0.1	6.5	292.6	975.0	17.3	14.8	143.1	8.0	-4.8	6.4	294.0	322.8	11.0	85.4	0.1	347.
0.9	8.6	513.3	950.0	13.9	12.6	147.9	8.7	-4.6	7.4	292.6	317.9	9.7	91.9	0.5	323.
1.8	10.5	738.1	925.0	12.2	11.2	141.8	9.6	-5.9	7.5	293.0	316.9	9.1	93.6	0.9	325.
2.6	12.5	969.4	900.0	15.6	5.3	117.0	8.7	-7.8	4.0	298.4	315.5	6.3	50.6	1.4	320.
3.6	14.7	1209.2	875.0	15.0	1.5	102.5	6.8	-6.6	1.5	300.0	313.7	4.9	40.1	1.8	312.
4.6	16.6	1452.8	850.0	13.1	2.1	92.2	3.9	-3.9	0.2	300.6	315.3	5.3	47.2	2.1	307.
5.6	18.9	1702.9	825.0	11.2	1.4	46.0	3.1	-2.2	-2.2	301.1	315.5	5.1	50.9	2.2	303.
6.6	20.9	1959.5	800.0	9.7	0.9	344.7	1.3	0.3	-1.2	302.2	316.6	5.1	54.3	2.2	299.
7.6	23.2	2222.6	775.0	7.9	1.3	287.3	1.8	1.7	-0.5	303.0	318.4	5.5	63.2	2.1	299.
8.7	25.5	2492.8	750.0	6.4	-3.6	285.8	3.9	3.7	-1.1	304.0	315.3	3.9	48.9	1.9	301.
9.7	27.7	2770.1	725.0	4.9	-7.3	298.3	7.1	6.3	-3.4	305.2	314.2	3.1	40.9	1.6	304.
10.7	30.1	3055.4	700.0	3.7	-16.8	999.9	99.9	99.9	99.9	306.7	311.3	1.5	20.7	999.9	999.
11.8	32.6	3349.3	675.0	1.3	-16.8	999.9	99.9	99.9	99.9	307.2	311.9	1.5	24.6	999.9	999.
12.9	35.2	3651.5	650.0	-1.3	-18.7	999.9	99.9	99.9	99.9	307.6	311.8	1.3	25.1	999.9	999.
14.0	37.5	3962.8	625.0	-3.5	-19.0	999.9	99.9	99.9	99.9	308.6	312.9	1.4	28.7	999.9	999.
15.2	40.2	4283.9	600.0	-6.0	-22.3	256.9	14.4	14.1	3.3	309.3	312.7	1.1	26.1	1.8	91.
16.5	42.7	4615.2	575.0	-9.1	-23.9	254.4	19.9	19.1	5.3	309.5	312.5	1.0	28.7	3.2	84.
17.7	45.4	4957.3	550.0	-11.9	-23.1	252.5	19.3	18.4	5.8	310.0	313.5	1.1	38.9	4.7	81.
19.1	48.4	5311.3	525.0	-15.1	-22.9	248.8	20.5	19.1	7.4	310.4	314.1	1.1	50.8	6.2	79.
20.5	51.2	5679.2	500.0	-16.6	-23.1	251.0	25.7	24.3	8.3	312.9	316.7	1.2	56.9	8.1	76.
21.7	54.3	6063.6	475.0	-18.6	-33.3	250.9	28.9	27.3	9.4	314.9	316.6	0.5	26.1	10.3	75.
23.3	57.1	6465.0	450.0	-21.0	-37.5	250.6	31.2	29.4	10.4	316.8	318.0	0.3	21.8	13.0	74.
24.8	60.4	6884.6	425.0	-24.3	-32.2	248.6	32.8	30.6	12.0	317.9	319.9	0.6	47.4	16.0	73.
26.5	64.0	7323.1	400.0	-27.9	-34.9	249.7	31.6	29.6	11.0	318.8	320.5	0.5	50.9	19.3	72.
28.2	67.3	7784.0	375.0	-31.0	-39.0	252.3	31.8	30.3	9.7	320.6	321.8	0.3	44.8	22.5	72.
30.0	70.8	8269.2	350.0	-35.4	-43.3	250.6	31.9	30.1	10.6	321.0	321.8	0.2	43.5	25.8	72.
31.8	74.7	8781.1	325.0	-39.3	-50.0	252.5	31.2	29.8	9.4	322.5	322.9	0.1	30.4	29.4	72.
33.9	78.8	9323.4	300.0	-43.9	99.9	255.4	32.9	31.8	8.3	323.5	999.9	99.9	999.9	33.3	72.
36.3	83.0	9902.7	275.0	-47.6	99.9	257.7	31.3	30.6	6.7	326.2	999.9	99.9	999.9	37.7	73.
38.7	87.3	10526.3	250.0	-52.0	99.9	258.5	34.4	33.7	6.9	328.8	999.9	99.9	999.9	42.8	73.
41.1	92.2	11202.5	225.0	-55.8	99.9	259.3	36.6	36.0	6.8	333.0	999.9	99.9	999.9	48.0	74.
43.6	97.2	11947.6	200.0	-59.0	99.9	257.8	37.6	36.7	7.9	339.4	999.9	99.9	999.9	53.9	75.
46.7	103.0	12781.3	175.0	-60.1	99.9	252.9	37.5	35.8	11.0	350.7	999.9	99.9	999.9	60.2	74.
50.2	109.3	13746.2	150.0	-59.3	99.9	253.9	31.1	29.9	8.6	367.9	999.9	99.9	999.9	67.0	74.
54.1	116.3	14887.8	125.0	-58.8	99.9	265.9	36.7	36.6	2.6	388.5	999.9	99.9	999.9	75.5	75.
58.7	124.7	16302.8	100.0	-55.3	99.9	249.5	5.9	5.6	2.1	420.9	999.9	99.9	999.9	82.3	76.
64.8	135.0	18103.7	75.0	-62.9	99.9	270.5	7.0	7.0	-0.1	441.1	999.9	99.9	999.9	87.1	75.
73.4	146.5	20645.7	50.0	-54.5	99.9	288.7	6.4	6.0	-2.0	515.2	999.9	99.9	999.9	91.3	75.
86.1	160.0	25113.4	25.0	-50.1	99.9	282.6	3.8	3.7	-0.8	640.5	999.9	99.9	999.9	92.2	76.

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

308

STATION NO. 456
FORT TOTTEN, N Y

24 APRIL 1975
1415 GMT

153 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	8.0	1012.3	18.3	13.4	999.9	99.9	99.9	99.9	291.7	316.7	9.6	73.0	999.9	999.
0.3	5.6	112.8	1000.0	16.6	12.0	999.9	99.9	99.9	99.9	290.9	314.0	8.9	74.6	999.9	999.
1.2	7.6	327.7	975.0	14.2	11.5	999.9	99.9	99.9	99.9	290.6	313.4	8.8	83.9	999.9	999.
2.1	6.5	547.1	950.0	13.6	10.2	999.9	99.9	99.9	99.9	292.1	313.7	8.3	79.7	999.9	999.
2.9	11.8	772.9	925.0	14.5	9.4	999.9	99.9	99.9	99.9	295.2	316.6	8.1	71.5	999.9	999.
3.7	14.0	1004.0	900.0	12.4	8.6	999.9	99.9	99.9	99.9	295.4	316.4	7.9	77.6	999.9	999.
4.5	16.0	1240.1	875.0	10.9	7.9	999.9	99.9	99.9	99.9	296.2	316.8	7.7	81.5	999.9	999.
5.3	18.3	1492.8	850.0	11.2	5.7	999.9	99.9	99.9	99.9	298.7	317.3	6.8	69.0	999.9	999.
6.2	20.5	1731.8	825.0	9.8	4.2	999.9	99.9	99.9	99.9	299.7	317.0	6.3	68.1	999.9	999.
7.1	22.8	1987.1	800.0	8.2	2.8	999.9	99.9	99.9	99.9	300.7	317.0	5.9	68.4	999.9	999.
8.1	25.2	2248.8	775.0	6.3	1.0	999.9	99.9	99.9	99.9	301.2	316.2	5.3	69.0	999.9	999.
9.0	27.4	2517.0	750.0	4.1	-0.6	999.9	99.9	99.9	99.9	301.7	315.5	4.9	71.0	999.9	999.
10.0	29.9	2791.9	725.0	2.1	-1.4	999.9	99.9	99.9	99.9	302.4	315.9	4.8	77.6	999.9	999.
11.0	32.4	3074.9	700.0	0.8	-6.1	999.9	99.9	99.9	99.9	303.8	314.2	3.6	62.0	999.9	999.
12.1	35.1	3366.7	675.0	-0.2	-13.4	999.9	99.9	99.9	99.9	305.7	311.8	2.0	35.9	999.9	999.
13.2	37.4	3667.9	650.0	-2.0	-15.4	999.9	99.9	99.9	99.9	306.9	312.3	1.8	35.0	999.9	999.
14.4	40.2	3978.3	625.0	-4.6	-18.9	999.9	99.9	99.9	99.9	307.4	311.7	1.4	31.6	999.9	999.
15.5	42.7	4298.7	600.0	-6.2	-22.9	999.9	99.9	99.9	99.9	309.0	312.2	1.0	25.2	999.9	999.
16.7	45.6	4630.3	575.0	-8.4	-24.0	999.9	99.9	99.9	99.9	310.3	313.3	0.9	26.9	999.9	999.
17.9	48.4	4973.7	550.0	-11.1	-23.9	999.9	99.9	99.9	99.9	311.0	314.2	1.0	33.9	999.9	999.
19.1	51.1	5329.1	525.0	-13.7	-23.6	999.9	99.9	99.9	99.9	312.0	315.5	1.1	43.0	999.9	999.
20.4	54.1	5698.3	500.0	-16.2	-30.3	999.9	99.9	99.9	99.9	313.4	315.5	0.6	28.8	999.9	999.
21.7	57.0	6083.3	475.0	-18.6	-23.4	999.9	99.9	99.9	99.9	315.1	319.0	1.2	65.6	999.9	999.
23.2	60.3	6485.5	450.0	-20.2	-22.8	999.9	99.9	99.9	99.9	318.0	322.4	1.4	79.5	999.9	999.
24.7	63.6	6907.2	425.0	-22.8	-26.0	999.9	99.9	99.9	99.9	319.8	323.4	1.1	75.1	999.9	999.
25.2	66.7	7349.0	400.0	-25.9	-30.3	999.9	99.9	99.9	99.9	321.3	323.9	0.8	66.3	999.9	999.
27.8	70.3	7813.1	375.0	-29.7	-34.3	999.9	99.9	99.9	99.9	322.3	324.2	0.6	64.1	999.9	999.
29.3	73.9	8300.9	350.0	-33.7	-37.7	999.9	99.9	99.9	99.9	323.3	324.7	0.4	66.6	999.9	999.
31.1	77.8	8815.7	325.0	-37.9	-43.2	999.9	99.9	99.9	99.9	324.4	325.4	0.3	57.1	999.9	999.
32.9	81.7	9361.9	300.0	-42.8	99.9	999.9	99.9	99.9	99.9	325.1	999.9	99.9	999.9	999.9	999.
34.9	85.9	9943.5	275.0	-47.4	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
36.8	90.3	10566.4	250.0	-53.0	99.9	999.9	99.9	99.9	99.9	327.4	999.9	99.9	999.9	999.9	999.
38.9	95.2	11237.0	225.0	-58.1	99.9	999.9	99.9	99.9	99.9	329.5	999.9	99.9	999.9	999.9	999.
41.5	100.2	11974.7	200.0	-58.3	99.9	999.9	99.9	99.9	99.9	340.4	999.9	99.9	999.9	999.9	999.
43.9	105.8	12807.1	175.0	-63.4	99.9	999.9	99.9	99.9	99.9	345.4	999.9	99.9	999.9	999.9	999.
47.0	112.0	13742.3	150.0	-64.1	99.9	999.9	99.9	99.9	99.9	359.7	999.9	99.9	999.9	999.9	999.
50.9	118.8	14885.5	125.0	-55.5	99.9	999.9	99.9	99.9	99.9	394.5	999.9	99.9	999.9	999.9	999.
55.6	126.7	16295.8	100.0	-57.6	99.9	999.9	99.9	99.9	99.9	416.4	999.9	99.9	999.9	999.9	999.
61.5	135.7	18107.1	75.0	-60.5	99.9	999.9	99.9	99.9	99.9	446.0	999.9	99.9	999.9	999.9	999.
69.1	144.3	20652.4	50.0	-57.0	99.9	999.9	99.9	99.9	99.9	509.3	999.9	99.9	999.9	999.9	999.
80.1	153.3	25093.5	25.0	-52.8	99.9	999.9	99.9	99.9	99.9	633.3	999.9	99.9	999.9	999.9	999.

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

STATION NO. 518
ALBANY, N Y

24 APRIL 1975
1415 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	86.0	1001.9	11.1	8.8	160.0	7.2	-2.5	6.8	285.0	303.4	7.1	86.0	0.0	0.
0.1	5.7	101.9	1000.0	10.8	8.2	164.3	3.5	-0.9	3.4	284.9	302.5	6.8	83.7	0.2	355.
0.9	7.9	312.1	975.0	8.2	7.3	260.3	2.4	2.3	0.4	284.3	301.3	6.6	94.1	0.6	345.
1.6	10.1	527.6	950.0	9.7	8.7	212.9	8.3	4.5	7.0	288.0	307.4	7.5	93.5	0.9	358.
2.4	12.1	749.8	925.0	9.6	8.5	245.5	10.6	9.6	4.4	290.1	309.9	7.6	92.6	1.2	15.
3.2	14.4	977.3	900.0	8.4	7.4	257.9	14.1	13.7	2.9	291.1	310.1	7.2	93.5	1.6	34.
4.1	16.5	1211.0	875.0	9.3	8.3	263.4	14.1	14.1	1.6	294.5	315.4	7.9	93.2	2.2	49.
5.0	18.9	1451.8	850.0	9.0	7.6	264.6	12.8	12.7	1.2	296.6	317.4	7.7	90.9	2.8	58.
5.9	21.1	1699.1	825.0	7.6	5.7	261.9	14.1	14.0	2.0	297.5	316.5	7.0	87.6	3.4	63.
6.7	23.5	1952.4	800.0	5.9	3.1	259.5	14.1	13.9	2.6	298.2	314.7	6.0	82.3	4.2	66.
7.7	25.8	2212.4	775.0	5.0	1.0	267.0	13.3	13.2	0.7	299.9	314.7	5.3	75.4	4.7	67.
8.7	28.3	2479.4	750.0	3.2	-1.9	276.0	19.3	19.2	-2.0	300.6	313.2	4.5	69.2	5.8	72.
9.8	30.8	2753.4	725.0	1.1	-3.3	273.6	16.8	16.8	-1.1	301.2	312.9	4.1	72.6	6.9	76.
11.0	33.4	3035.2	700.0	0.3	-9.6	263.4	16.3	16.2	1.9	303.2	311.1	2.7	48.5	8.0	78.
12.1	35.9	3326.7	675.0	-0.8	-15.8	255.0	17.3	16.8	4.5	304.9	310.0	1.6	30.9	9.0	78.
13.2	38.6	3626.7	650.0	-3.3	-16.3	254.8	18.2	17.5	4.8	305.5	310.5	1.6	35.7	10.3	76.
14.4	41.1	3935.5	625.0	-5.8	-16.9	243.1	17.2	17.1	2.1	306.0	311.0	1.6	41.1	11.6	78.
15.6	44.0	4253.9	600.0	-8.4	-22.3	269.5	18.0	18.0	0.2	306.5	309.8	1.1	31.3	12.8	79.
16.8	46.9	4582.7	575.0	-10.9	-23.9	268.7	19.7	19.7	0.5	307.3	310.3	1.0	33.2	14.1	80.
17.9	49.9	4922.5	550.0	-13.0	-28.0	267.3	20.3	20.3	0.9	308.8	311.0	0.7	26.9	15.4	80.
19.2	52.7	5276.0	525.0	-15.3	-23.5	264.6	20.7	20.6	1.9	310.1	313.7	1.1	51.2	17.0	81.
20.3	55.7	5642.7	500.0	-18.3	-20.9	260.8	22.9	22.6	3.7	310.8	315.4	1.4	80.2	18.5	81.
21.6	58.9	6023.6	475.0	-21.0	-22.9	258.7	26.8	26.3	5.3	312.1	316.1	1.3	84.3	20.4	81.
23.2	62.1	6422.2	450.0	-22.5	-25.4	260.2	32.9	32.4	5.6	315.1	318.6	1.1	77.2	23.1	81.
24.6	65.3	6840.4	425.0	-25.1	-28.7	262.7	32.6	32.3	4.1	316.8	319.6	0.8	71.9	25.9	81.
26.0	68.7	7278.4	400.0	-27.9	-31.5	263.7	35.8	35.6	3.9	318.7	321.0	0.7	71.2	28.7	81.
27.5	72.1	7738.8	375.0	-31.5	-35.3	265.3	38.2	38.1	3.2	319.9	321.6	0.5	68.6	32.2	81.
29.2	75.9	8223.4	350.0	-35.4	-41.7	266.4	41.2	41.2	2.6	320.9	321.9	0.3	52.1	36.3	82.
31.1	80.0	8734.3	325.0	-39.9	-53.3	270.0	43.9	43.9	-0.0	321.6	321.9	0.1	22.0	40.9	83.
32.7	83.8	9277.2	300.0	-43.6	99.9	279.8	41.5	40.9	-7.1	323.9	999.9	99.9	999.9	45.0	84.
34.6	88.0	9856.5	275.0	-46.4	99.9	288.4	55.9	53.1	-17.7	328.0	999.9	99.9	999.9	50.3	86.
37.2	92.8	10485.1	250.0	-51.4	99.9	290.1	61.9*	58.1	-21.3	329.7	999.9	99.9	999.9	58.9	90.
39.5	97.4	11160.9	225.0	-57.2	99.9	290.7	58.9*	55.1	-20.8	330.9	999.9	99.9	999.9	66.8	92.
41.7	102.5	11894.6	200.0	-63.4	99.9	296.5	58.6*	52.5	-26.1	332.4	999.9	99.9	999.9	74.0	94.
44.0	108.3	12712.9	175.0	-60.0	99.9	289.7	35.7*	33.6	-12.1	351.0	999.9	99.9	999.9	80.4	96.
47.4	114.5	13672.3	150.0	-61.1	99.9	278.6	36.8*	36.4	-5.5	364.8	999.9	99.9	999.9	87.1	96.
51.2	121.5	14825.0	125.0	-56.6	99.9	290.5	29.2*	27.4	-10.2	392.4	999.9	99.9	999.9	94.5	97.
55.6	129.3	16244.8	100.0	-55.7	99.9	300.3	20.9*	18.0	-10.5	420.2	999.9	99.9	999.9	99.6	99.
61.2	138.0	18074.9	75.0	-58.8	99.9	301.2	3.0*	2.6	-1.5	449.6	999.9	99.9	999.9	104.1	99.
68.6	147.0	20638.9	50.0	-56.2	99.9	69.3	8.7*	-8.2	-3.1	511.2	999.9	99.9	999.9	106.6	99.
79.2	156.7	25116.3	25.0	-51.7	99.9	344.9	2.4	0.6	-2.4	636.4	999.9	99.9	999.9	106.4	100.

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

STATION NO. 520
PITTSBURG. PA

24 APRIL 1975
1415 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	359.0	968.5	15.5	14.5	250.0	5.1	4.8	1.7	292.7	320.9	10.8	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.
0.6	9.6	523.4	950.0	15.8	15.4	999.9	99.9	99.9	99.9	294.7	325.3	11.7	98.0	999.9	999.
1.5	11.6	749.7	925.0	13.6	13.6	999.9	99.9	99.9	99.9	294.6	322.6	10.7	101.3	999.9	999.
2.4	13.8	980.7	900.0	12.4	12.4	999.9	99.9	99.9	99.9	295.6	322.4	10.1	101.2	999.9	999.
3.3	15.9	1217.6	875.0	12.1	12.1	999.9	99.9	99.9	99.9	297.7	324.8	10.2	101.1	999.9	999.
4.1	17.9	1460.4	850.0	10.2	10.2	261.9	20.0	19.8	2.8	298.1	322.9	9.3	101.1	4.1	70.
4.9	20.2	1708.8	825.0	8.4	8.0	259.4	19.2	18.9	3.5	298.6	320.8	8.2	97.3	5.0	71.
5.7	22.4	1963.5	800.0	7.2	6.8	258.8	19.1	18.7	3.7	299.9	321.1	7.8	96.9	5.9	73.
6.5	24.7	2224.7	775.0	5.8	4.6	254.5	17.4	16.8	4.7	301.0	320.0	6.9	91.6	6.8	73.
7.5	26.8	2493.1	750.0	4.6	2.5	256.0	19.5	18.9	4.7	302.4	319.6	6.2	86.2	7.8	74.
8.5	29.4	2769.1	725.0	2.7	0.7	258.4	21.4	20.9	4.3	303.1	318.9	5.6	87.0	9.2	74.
9.6	31.8	3052.6	700.0	1.2	-1.0	261.2	21.8	21.5	3.3	304.5	319.0	5.1	84.9	10.6	75.
10.7	34.3	3344.8	675.0	-0.5	-3.1	264.1	21.9	21.8	2.3	305.7	318.7	4.5	82.4	12.0	76.
11.9	36.7	3646.0	650.0	-2.7	-3.8	266.6	22.8	22.8	1.3	306.4	319.3	4.5	82.4	13.5	77.
12.8	39.3	3956.8	625.0	-3.7	-9.5	268.5	23.7	23.7	0.6	308.6	317.6	3.0	64.1	14.9	78.
13.8	41.9	4278.4	600.0	-5.4	-9.2	270.4	23.1	23.1	-0.2	310.3	319.9	3.2	74.5	16.1	79.
14.8	44.7	4611.6	575.0	-7.1	-17.8	272.4	22.7	22.7	-1.0	311.8	317.0	1.7	42.4	17.5	80.
16.1	47.6	4957.5	550.0	-8.3	-37.6	275.1	23.9	23.8	-2.1	314.2	315.1	0.3	7.2	19.2	81.
17.5	50.5	5317.5	525.0	-9.8	-38.5	271.8	23.7	23.7	-0.8	316.7	317.6	0.3	7.4	21.2	82.
18.8	53.4	5692.4	500.0	-11.9	-36.3	271.5	24.5	24.4	-0.7	318.5	319.8	0.4	12.2	23.2	83.
20.1	56.3	6083.3	475.0	-14.3	-28.0	273.8	22.4	22.4	-1.5	320.4	323.1	0.8	29.9	24.9	84.
21.5	59.6	6490.5	450.0	-17.9	-27.8	263.7	21.5	21.4	2.4	320.8	323.7	0.9	42.1	26.7	84.
23.0	63.0	6915.1	425.0	-21.3	-27.2	260.1	23.7	23.3	4.1	321.7	324.9	1.0	58.7	28.8	84.
24.5	66.3	7359.8	400.0	-24.8	-30.3	269.2	24.5	24.5	0.3	322.8	325.4	0.8	60.1	31.0	84.
25.9	69.9	7826.2	375.0	-28.3	-33.9	277.2	24.4	24.2	-3.1	324.1	326.1	0.6	58.5	33.2	84.
27.7	73.5	8316.9	350.0	-32.5	-38.7	279.9	24.3	24.0	-4.2	324.9	326.3	0.4	53.3	35.7	86.
29.6	77.5	8835.2	325.0	-36.2	-43.7	279.3	31.8	31.4	-5.2	326.7	327.6	0.2	45.6	38.6	87.
31.6	81.5	9386.0	300.0	-40.2	99.9	282.9	35.8	34.9	-8.0	328.6	999.9	99.9	999.9	42.7	88.
33.6	85.9	9973.3	275.0	-45.1	99.9	274.8	43.9	43.8	-3.7	329.9	999.9	99.9	999.9	47.6	89.
35.6	90.6	12601.8	250.0	-51.2	99.9	271.3	48.0	48.0	-1.1	330.0	999.9	99.9	999.9	52.8	90.
37.8	95.3	11277.0	225.0	-57.4	99.9	272.3	46.5*	46.5	-1.8	330.6	999.9	99.9	999.9	58.8	90.
40.4	100.8	12009.6	200.0	-64.0	99.9	274.5	49.5*	49.3	-3.9	331.4	999.9	99.9	999.9	66.5	90.
42.7	106.8	12826.0	175.0	-64.4	99.9	291.6	26.2*	24.4	-9.6	343.7	999.9	99.9	999.9	71.9	91.
45.9	113.3	13778.5	150.0	-58.0	99.9	280.2	23.7*	23.3	-4.2	370.2	999.9	99.9	999.9	76.5	92.
49.5	120.7	14928.1	125.0	-59.0	99.9	263.7	28.7*	28.5	3.2	388.2	999.9	99.9	999.9	82.0	92.
54.4	129.0	16345.2	100.0	-55.0	99.9	283.2	15.0*	14.6	-3.4	421.5	999.9	99.9	999.9	88.9	92.
60.0	138.3	18148.6	75.0	-62.7	99.9	300.8	15.5	13.3	-7.9	441.5	999.9	99.9	999.9	93.5	94.
67.2	148.3	20666.8	50.0	-56.4	99.9	337.2	5.1	2.0	-4.7	510.8	999.9	99.9	999.9	96.5	95.
78.4	159.3	25114.3	25.0	-50.4	99.9	270.4	4.4	4.4	-0.0	640.1	999.9	99.9	999.9	95.5	95.

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

106

STATION NO. 528
BUFFALO, N Y

24 APRIL 1975
1437 GMT

155 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP 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	218.0	983.1	11.7	11.7	230.0	5.1	3.9	3.3	287.4	310.0	8.8	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	6.2	297.6	975.0	12.5	11.3	247.6	14.3	13.2	5.5	288.8	311.3	8.7	92.9	0.3	66.
1.1	8.2	506.0	950.0	12.3	12.0	246.2	14.4	13.2	5.8	290.9	315.1	9.3	97.7	0.7	67.
1.8	10.2	730.1	925.0	11.5	11.1	247.1	14.7	13.6	5.7	292.3	315.9	9.1	97.6	1.4	66.
2.7	12.0	959.4	900.0	10.6	10.3	250.0	14.9	14.0	5.1	293.6	316.7	8.8	97.8	2.2	67.
3.6	14.1	1194.4	875.0	9.6	9.1	257.8	15.0	14.7	3.2	294.9	317.1	8.4	96.8	3.0	68.
4.5	15.9	1434.9	850.0	7.6	6.8	267.6	16.3	16.3	0.7	295.1	314.7	7.3	94.3	3.8	72.
5.4	18.1	1680.8	825.0	6.4	5.6	265.5	15.4	15.4	1.2	296.2	315.0	7.0	95.0	4.7	75.
6.3	20.3	1933.0	800.0	4.5	3.4	263.2	13.6	13.7	1.6	296.8	313.5	6.1	92.4	5.5	76.
7.2	22.3	2191.4	775.0	2.8	1.3	263.9	11.7	11.6	1.2	297.5	312.6	5.5	90.2	6.1	77.
8.2	24.6	2456.4	750.0	1.0	-0.3	269.5	11.0	11.0	0.1	298.3	312.2	5.0	91.0	6.8	78.
9.4	26.8	2728.9	725.0	0.2	-0.7	274.0	11.2	11.2	-0.8	300.3	314.4	5.0	94.1	7.5	79.
10.6	29.2	3010.4	700.0	-0.6	-1.3	275.4	10.8	10.7	-1.0	302.5	316.5	5.0	94.7	8.2	81.
11.6	31.6	3300.6	675.0	-2.4	-3.2	274.8	11.4	11.3	-0.9	303.6	316.4	4.5	94.2	9.0	82.
12.9	34.2	3599.8	650.0	-3.8	-4.7	268.6	12.0	12.0	0.3	305.2	317.2	4.2	93.4	9.8	83.
14.0	36.5	3909.4	625.0	-4.9	-5.8	265.9	12.3	12.3	0.9	307.3	318.9	4.0	93.3	10.7	83.
15.2	39.1	4230.1	600.0	-6.0	-6.9	266.0	11.4	11.3	0.8	309.6	320.9	3.8	93.6	11.5	83.
16.5	41.7	4561.6	575.0	-9.9	-15.6	273.3	12.5	12.5	-0.7	308.6	315.0	2.1	65.2	12.4	84.
17.9	44.5	4903.1	550.0	-11.9	-18.1	269.2	15.3	15.3	0.2	310.2	315.4	1.7	60.0	13.5	85.
19.0	47.4	5258.4	525.0	-13.6	-19.6	265.5	18.9	18.9	1.5	312.3	317.5	1.7	65.9	14.7	85.
20.4	50.3	5627.8	500.0	-16.4	-22.2	269.8	20.1	20.1	0.1	313.2	317.3	1.3	60.2	16.3	85.
21.9	53.2	6010.7	475.0	-20.2	-36.2	269.7	22.1	22.1	0.1	313.0	315.0	0.6	36.2	18.0	86.
23.1	56.1	6408.1	450.0	-23.5	-64.9	265.2	20.4	20.3	1.7	313.6	313.7	0.0	1.0	19.9	86.
24.4	59.4	6824.6	425.0	-25.2	-60.9	273.0	23.3	23.3	-1.2	316.6	316.7	0.0	2.0	21.5	86.
25.8	62.9	7262.9	400.0	-27.5	-62.5	278.0	25.5	25.3	-3.6	319.1	319.2	0.0	2.0	23.6	87.
27.4	66.3	7723.9	375.0	-31.1	-58.5	280.6	26.4	26.0	-4.9	320.3	320.5	0.0	4.8	26.0	88.
29.1	70.0	8209.7	350.0	-34.4	-57.4	289.7	33.5	31.6	-11.3	322.3	322.5	0.0	7.5	28.6	90.
30.8	73.7	8725.2	325.0	-37.6	-55.5	290.5	38.1	35.7	-13.3	324.7	325.0	0.1	13.4	31.9	92.
32.4	77.7	9272.2	300.0	-41.9	99.9	282.0	42.2	41.3	-8.8	326.3	999.9	99.9	999.9	35.7	94.
34.1	81.8	9854.9	275.0	-46.7	99.9	276.8	48.1	47.8	-5.7	327.6	999.9	99.9	999.9	40.7	94.
35.9	86.3	10479.0	250.0	-52.3	99.9	276.0	48.5	48.3	-5.1	328.3	999.9	99.9	999.9	45.8	94.
37.7	91.2	11152.1	225.0	-57.5	99.9	276.5	54.5	54.1	-6.1	330.3	999.9	99.9	999.9	51.5	95.
39.9	96.4	11885.8	200.0	-62.4	99.9	285.5	52.1	50.2	-13.9	334.0	999.9	99.9	999.9	58.0	95.
41.9	102.0	12701.0	175.0	-62.7	99.9	283.9	41.3	40.1	-9.9	346.5	999.9	99.9	999.9	64.3	96.
44.5	108.7	13662.5	150.0	-59.1	99.9	265.3	23.3	23.2	1.9	368.3	999.9	99.9	999.9	68.3	96.
47.3	115.9	14806.2	125.0	-59.4	99.9	274.4	33.7	33.6	-2.6	387.4	999.9	99.9	999.9	73.3	96.
51.4	124.7	16240.4	100.0	-53.2	99.9	298.2	31.9	28.1	-15.1	424.9	999.9	99.9	999.9	79.7	97.
55.8	135.0	18066.8	75.0	-58.8	99.9	291.8	17.4	16.2	-6.5	449.7	999.9	99.9	999.9	85.0	98.
62.0	146.0	20607.0	50.0	-55.1	99.9	67.6	8.7	-8.0	-3.3	513.7	999.9	99.9	999.9	87.5	98.
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. 532
 PECRIA, ILL

24 APRIL 1975
 1420 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 CCOMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
05.0	5.6	200.0	985.8	15.6	14.0	280.0	4.1	4.0	-0.7	291.3	317.8	10.2	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	6.6	293.8	975.0	14.9	13.8	296.1	6.3	5.6	-2.8	291.5	318.1	10.3	92.8	0.3	89.
1.0	8.6	513.5	950.0	13.1	12.6	287.0	7.9	7.6	-2.3	291.7	316.9	9.7	96.8	0.6	98.
1.8	10.6	737.9	925.0	12.0	11.4	280.5	11.4	11.2	-2.1	292.8	316.9	9.2	96.6	1.0	103.
2.6	12.6	567.7	900.0	11.3	10.8	277.6	10.9	10.8	-1.5	294.4	318.4	9.1	96.5	1.5	100.
3.4	14.9	1203.4	875.0	10.7	10.0	278.2	9.0	8.9	-1.3	296.0	319.6	8.8	95.3	2.0	99.
4.1	16.8	1445.5	850.0	10.1	9.5	287.6	7.1	6.8	-2.2	297.9	321.6	8.8	96.4	2.4	99.
5.0	19.2	1693.7	825.0	8.5	7.9	295.9	6.9	6.2	-3.0	298.6	320.6	8.1	96.1	2.7	101.
5.9	21.3	1948.1	800.0	6.9	6.3	313.6	7.5	5.4	-5.2	299.5	319.9	7.5	95.9	3.1	104.
6.9	23.6	2208.7	775.0	5.1	1.3	324.2	7.4	4.3	-6.0	300.0	315.2	5.4	76.3	3.5	108.
7.8	25.9	2476.6	750.0	4.9	-1.7	333.3	6.4	2.9	-5.7	302.4	315.3	4.5	62.3	3.7	112.
8.7	28.4	2752.8	725.0	3.5	-9.7	318.9	4.5	2.9	-3.4	303.6	311.1	2.6	37.6	4.0	115.
9.7	30.9	3036.3	700.0	1.6	-18.1	295.9	2.8	2.5	-1.2	304.5	308.5	1.3	21.4	4.2	115.
10.7	33.4	3328.2	675.0	-0.5	-21.4	313.6	2.3	1.7	-1.6	305.2	308.4	1.0	18.8	4.3	116.
11.7	35.9	3628.6	650.0	-2.5	-22.0	276.4	1.7	1.6	-0.2	306.2	309.4	1.0	20.6	4.4	116.
12.8	38.6	3938.4	625.0	-4.8	-19.2	253.9	1.6	1.6	0.5	307.1	311.3	1.3	31.3	4.5	115.
14.0	41.2	4258.2	600.0	-7.1	-29.5	351.0	1.1	0.2	-1.1	308.0	309.8	0.5	14.7	4.6	115.
15.2	44.0	4588.3	575.0	-9.6	-32.4	48.6	1.1	-0.9	-0.8	308.8	310.3	0.4	13.4	4.6	116.
16.3	47.0	4930.3	550.0	-11.4	-38.2	283.3	0.8	0.8	-0.2	310.5	311.4	0.3	8.7	4.6	116.
17.4	50.0	5285.7	525.0	-13.7	-20.9	258.3	4.5	4.4	0.9	312.1	316.5	1.4	54.5	4.7	116.
18.6	52.8	5655.5	500.0	-15.8	-18.6	261.6	9.0	8.9	1.3	314.0	319.5	1.8	78.7	5.1	112.
19.9	55.9	6041.6	475.0	-17.1	-20.5	276.6	17.3	17.2	-2.0	317.0	322.0	1.6	74.8	6.1	108.
21.3	59.1	6445.2	450.0	-20.0	-25.3	281.6	20.6	20.2	-4.1	318.2	321.7	1.1	62.5	7.7	107.
22.9	62.7	6866.7	425.0	-23.2	-29.1	275.0	19.6	19.6	-1.7	319.4	322.1	0.8	58.1	9.5	106.
24.4	66.1	7308.4	400.0	-25.9	-33.4	263.7	24.9	24.8	2.7	321.4	323.4	0.6	48.9	11.4	102.
26.0	69.9	7772.8	375.0	-29.0	-36.6	254.4	29.0	27.9	7.8	323.2	324.7	0.4	47.7	14.1	98.
27.7	73.7	8263.0	350.0	-32.6	-39.4	245.8	29.0	26.4	11.9	324.8	326.0	0.4	50.2	16.5	93.
29.3	77.8	8780.1	325.0	-37.3	-43.4	245.8	31.1	28.3	12.7	325.2	326.1	0.2	52.8	19.3	89.
31.2	82.0	9327.1	300.0	-42.2	99.9	240.1	34.0	29.5	16.9	325.9	999.9	99.9	999.9	22.6	85.
33.2	86.4	9909.1	275.0	-47.4	99.9	242.1	37.2	32.9	17.4	326.6	999.9	99.9	999.9	26.4	81.
35.5	91.4	10532.5	250.0	-52.7	99.9	243.1	37.8	33.7	17.1	327.7	999.9	99.9	999.9	31.3	78.
37.6	96.5	11203.2	225.0	-58.8	99.9	245.4	46.2	42.0	19.2	328.4	999.9	99.9	999.9	36.7	76.
40.2	102.0	11934.7	200.0	-61.9	99.9	252.8	40.9	39.0	12.1	334.7	999.9	99.9	999.9	43.7	75.
42.8	108.3	12761.5	175.0	-63.1	99.9	255.6	26.4	25.6	6.6	345.8	999.9	99.9	999.9	48.8	75.
46.2	115.0	13717.7	150.0	-60.3	99.9	266.3	28.2	28.1	1.8	366.2	999.9	99.9	999.9	55.2	76.
50.2	122.5	14863.8	125.0	-57.1	99.9	257.3	21.9	21.4	4.8	391.7	999.9	99.9	999.9	61.9	75.
55.3	131.0	16273.7	100.0	-57.3	99.9	265.1	15.6	15.6	1.3	417.0	999.9	99.9	999.9	67.9	76.
61.2	135.7	18067.7	75.0	-61.5	99.9	267.2	12.9	12.9	0.6	444.0	999.9	99.9	999.9	72.6	77.
69.3	145.0	20593.4	50.0	-58.0	99.9	264.0	1.3	1.2	0.1	506.9	999.9	99.9	999.9	74.7	77.
81.5	152.3	25035.2	25.0	-51.9	99.9	300.3	4.0	3.5	-2.0	635.7	999.9	99.9	999.9	74.7	77.

* BY SPEED MEANS ELEVATION 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. 553
OMAHA, NEB

24 APRIL 1975
1500 GMT

163 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	400.0	964.2	12.2	10.6	40.0	2.6	-1.7	-2.0	289.4	311.2	8.4	90.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	90.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	8.3	524.6	950.0	11.5	10.7	100.7	2.9	-2.8	0.5	289.9	312.1	8.5	94.8	0.2	21.
1.4	10.9	747.4	925.0	10.2	9.6	87.9	4.7	-4.7	-0.2	290.8	312.1	8.1	95.7	0.4	241.
2.2	13.3	976.1	900.0	10.6	9.9	119.9	1.6	-1.4	0.8	293.5	316.2	8.6	95.6	0.6	253.
3.2	15.5	1211.5	875.0	10.4	9.7	237.0	1.5	1.3	0.8	295.7	318.9	8.7	95.7	0.5	257.
4.1	17.9	1452.8	850.0	9.2	8.5	151.3	0.7	-0.3	0.6	296.8	318.9	8.2	95.2	0.4	252.
5.1	20.3	1699.9	825.0	10.3	-9.7	32.6	2.3	-1.2	-2.0	299.8	306.3	2.2	23.4	0.5	258.
6.1	22.7	1955.6	800.0	9.7	-10.3	40.3	2.3	-1.5	-1.8	301.7	308.2	2.2	23.3	0.6	248.
7.1	25.3	2218.2	775.0	8.0	-10.5	48.3	3.0	-2.3	-2.0	302.7	309.3	2.2	25.8	0.8	244.
8.2	27.7	2487.6	750.0	5.8	-8.3	48.6	2.5	-1.9	-1.7	303.2	311.2	2.7	35.6	1.0	241.
9.2	30.4	2763.8	725.0	3.5	-9.5	19.9	1.5	-0.5	-1.4	303.6	311.2	2.6	38.1	1.1	239.
10.2	33.1	3047.2	700.0	0.7	-9.9	323.0	1.6	0.9	-1.3	303.6	311.2	2.6	44.9	1.1	235.
11.3	35.8	3337.2	675.0	-1.7	-10.0	294.6	1.9	1.8	-0.8	304.1	311.9	2.7	53.2	1.1	229.
12.5	38.8	3637.3	650.0	-4.4	-9.8	290.8	1.9	1.8	-0.7	304.3	312.6	2.8	66.1	1.0	222.
13.7	41.4	3945.3	625.0	-6.6	-9.2	306.4	1.7	1.4	-1.0	305.0	314.0	3.1	83.0	1.0	216.
15.0	44.6	4263.0	600.0	-9.0	-13.0	274.2	2.6	2.6	-0.2	306.0	313.0	2.3	72.8	1.0	206.
16.4	47.7	4591.4	575.0	-11.1	-15.6	229.4	3.6	2.7	2.3	307.3	313.3	2.0	69.0	0.8	195.
17.7	50.8	4931.3	550.0	-13.0	-18.3	240.3	7.7	6.7	3.8	308.8	313.9	1.6	64.7	0.6	189.
18.0	54.0	5284.6	525.0	-15.5	-22.1	240.9	8.5	7.5	4.2	309.9	313.8	1.2	56.4	0.8	110.
20.2	57.1	5651.8	500.0	-17.8	-34.7	252.9	7.4	7.0	2.2	311.3	312.7	0.4	21.0	1.2	88.
21.5	60.6	6033.3	475.0	-20.8	-36.7	265.2	10.8	10.7	0.9	312.2	313.4	0.3	22.2	1.9	86.
23.1	64.2	6439.7	450.0	-23.6	-43.9	268.7	15.4	15.4	0.3	313.6	314.2	0.2	13.6	3.2	87.
24.6	67.7	6846.3	425.0	-26.1	-66.6	269.5	16.5	16.5	0.1	315.5	315.6	0.0	1.0	4.6	88.
26.2	71.4	7283.0	400.0	-28.3	-68.1	258.1	20.4	20.0	4.2	318.1	318.2	0.0	1.0	6.3	87.
27.9	75.5	7742.6	375.0	-32.0	-48.1	248.4	23.6	21.9	8.7	319.2	319.7	0.1	18.7	8.6	83.
29.7	79.3	8225.8	350.0	-36.1	-44.3	244.2	25.9	23.3	11.3	320.1	320.8	0.2	41.8	11.2	79.
31.7	84.0	8730.1	325.0	-40.2	99.9	242.7	29.5	26.2	13.6	321.3	999.9	99.9	999.9	14.4	75.
33.8	88.6	9277.4	300.0	-44.6	99.9	242.1	30.8	27.2	14.4	322.5	999.9	99.9	999.9	18.2	73.
36.0	93.6	9853.6	275.0	-49.6	99.9	241.2	29.9	26.2	14.4	323.5	999.9	99.9	999.9	22.2	71.
38.3	98.6	10469.7	250.0	-55.1	99.9	243.5	31.0	27.7	13.8	324.2	999.9	99.9	999.9	26.2	69.
40.8	104.0	11138.5	225.0	-56.9	99.9	256.0	37.9	36.8	9.2	331.3	999.9	99.9	999.9	31.4	69.
43.6	110.2	11881.7	200.0	-57.8	99.9	256.5	35.3	34.3	8.3	341.3	999.9	99.9	999.9	37.4	71.
46.6	116.5	12727.8	175.0	-57.0	99.9	253.6	34.7	33.3	9.8	355.8	999.9	99.9	999.9	43.4	71.
50.0	123.5	13706.9	150.0	-55.8	99.9	247.4	31.9	29.4	12.2	374.0	999.9	99.9	999.9	49.5	71.
54.2	131.3	14864.7	125.0	-57.5	99.9	252.0	33.6	31.9	10.4	390.8	999.9	99.9	999.9	57.0	71.
58.9	139.3	16293.5	100.0	-55.2	99.9	249.1	17.1	17.1	0.3	421.1	999.9	99.9	999.9	65.3	73.
64.8	147.3	18117.9	75.0	-59.1	99.9	246.3	21.1	19.3	8.5	449.1	999.9	99.9	999.9	71.4	72.
72.9	156.0	20686.0	50.0	-54.8	99.9	52.8	5.3	-4.3	-3.2	514.5	999.9	99.9	999.9	76.5	72.
86.6	165.3	25186.5	25.0	-49.8	99.9	51.6	5.6	-4.4	-3.5	641.9	999.9	99.9	999.9	73.8	73.

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

STATION NO. 562
NORTH PLATTE, NEB

24 APRIL 1975
1450 GMT

144 37. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	847.0	914.7	11.7	9.6	350.0	3.6	0.6	-3.5	293.3	315.1	8.3	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	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	15.1	982.8	900.0	11.4	7.1	999.9	99.9	99.9	99.9	294.1	313.0	7.1	74.9	99.9	99.9
1.3	17.3	1218.5	875.0	10.7	3.7	999.9	99.9	99.9	99.9	295.7	311.3	5.7	62.1	99.9	99.9
2.0	19.7	1460.2	850.0	10.4	1.1	999.9	99.9	99.9	99.9	297.7	311.3	4.9	52.3	99.9	99.9
2.8	22.0	1708.5	825.0	9.7	-1.3	310.2	6.3	4.8	-4.1	299.4	311.3	4.2	46.4	1.2	140.
3.6	24.5	1963.6	800.0	8.5	-2.0	274.2	4.3	4.3	-0.3	300.7	312.5	4.1	47.5	1.5	135.
4.5	26.9	2225.4	775.0	6.7	-3.5	271.5	4.9	4.9	-0.1	301.5	312.5	3.8	48.1	1.6	130.
5.3	29.5	2494.1	750.0	5.2	-5.9	274.8	8.0	7.9	-0.7	302.6	312.1	3.3	44.5	1.9	124.
6.0	32.1	2769.6	725.0	2.8	-5.5	269.1	9.0	9.0	0.1	302.9	313.1	3.5	54.6	2.2	119.
7.0	34.9	3052.3	700.0	0.0	-8.5	273.5	8.7	8.7	-0.5	302.9	311.3	2.9	52.7	2.6	114.
7.8	37.4	3342.8	675.0	-2.0	-10.8	277.7	9.2	9.2	-1.2	303.7	311.0	2.5	51.0	3.1	111.
8.7	40.2	3641.5	650.0	-4.7	-12.2	274.8	9.4	9.4	-0.8	303.9	310.8	2.3	55.6	3.6	110.
9.8	42.9	3948.9	625.0	-7.1	-13.8	262.1	9.7	9.6	1.3	304.5	310.8	2.1	58.8	4.2	107.
10.6	45.8	4266.9	600.0	-8.5	-11.7	245.3	9.4	8.6	3.9	306.6	314.3	2.6	77.8	4.6	103.
11.8	48.9	4595.8	575.0	-10.8	-13.5	239.6	10.3	8.9	5.2	307.6	314.7	2.3	80.3	5.0	98.
12.8	51.7	4936.3	550.0	-13.5	-16.6	244.1	12.1	10.9	5.3	308.3	314.1	1.9	77.2	5.6	94.
13.7	55.0	5288.2	525.0	-16.6	-21.6	248.8	15.3	14.3	5.5	308.6	312.6	1.3	65.2	6.3	91.
14.7	58.0	5653.1	500.0	-19.6	-26.0	250.2	16.4	15.4	5.6	309.2	312.1	0.9	56.5	7.2	88.
15.9	61.3	6032.6	475.0	-21.6	-33.2	245.6	15.7	14.3	6.5	311.2	313.0	0.5	36.9	8.3	85.
17.2	64.7	6429.1	450.0	-24.6	-46.6	246.4	14.9	13.6	5.9	312.3	312.7	0.1	10.9	9.4	83.
18.5	68.0	6842.3	425.0	-27.9	-49.9	245.1	14.8	13.4	6.2	313.2	313.6	0.1	10.0	10.6	81.
19.5	71.5	7274.8	400.0	-31.6	-52.6	237.0	17.5	14.7	9.5	313.9	314.1	0.1	10.4	11.7	79.
21.3	75.3	7728.2	375.0	-35.2	-45.5	238.5	19.7	16.8	10.3	315.0	315.6	0.2	33.7	13.3	76.
22.8	79.3	8206.0	350.0	-38.5	-43.2	236.0	21.9	18.1	12.2	316.8	317.6	0.2	60.5	15.1	74.
24.2	83.2	8710.9	325.0	-42.9	99.9	232.8	23.4	18.6	14.1	317.5	999.9	99.9	999.9	16.9	72.
25.7	87.2	9245.0	300.0	-47.3	99.9	235.5	23.2	19.1	13.1	318.8	999.9	99.9	999.9	18.8	70.
27.3	91.9	9814.9	275.0	-51.8	99.9	233.8	24.8	20.1	14.7	320.2	999.9	99.9	999.9	21.1	68.
29.1	96.4	10426.6	250.0	-56.0	99.9	232.5	26.6	21.1	16.2	322.8	999.9	99.9	999.9	23.8	67.
31.2	101.4	11093.4	225.0	-57.7	99.9	244.5	27.7	25.0	11.9	330.1	999.9	99.9	999.9	27.2	65.
33.7	107.0	11839.2	200.0	-56.3	99.9	250.3	29.4	27.7	9.9	343.6	999.9	99.9	999.9	31.7	65.
36.5	113.0	12685.8	175.0	-56.8	99.9	247.5	20.5	19.0	7.9	356.1	999.9	99.9	999.9	35.0	66.
39.7	119.3	13669.3	150.0	-55.2	99.9	247.0	21.2	19.5	8.3	375.1	999.9	99.9	999.9	39.3	66.
43.7	126.3	14830.2	125.0	-56.5	99.9	253.1	17.3	16.6	5.0	392.6	999.9	99.9	999.9	43.8	67.
49.0	134.7	16247.8	100.0	-57.1	99.9	253.5	19.2	18.4	5.5	417.5	999.9	99.9	999.9	49.9	67.
54.9	142.7	18070.4	75.0	-57.3	99.9	247.5	14.3	13.2	5.5	452.9	999.9	99.9	999.9	56.3	68.
62.5	151.3	20655.3	50.0	-51.8	99.9	273.4	7.1	7.1	-0.4	521.5	999.9	99.9	999.9	62.7	69.
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	99.9	99.9

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

STATION NO. 606
PORTLAND, ME

24 APRIL 1975
1415 GMT

165 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CC4P M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	20.0	1013.0	5.6	5.6	120.0	5.1	-4.4	2.5	278.4	292.7	5.6	100.0	0.0	0.
0.4	6.4	125.9	1000.0	5.3	5.3	128.5	8.6	-6.7	5.4	279.2	293.3	5.6	100.8	0.2	287.
1.0	8.8	332.5	975.0	3.8	3.8	137.9	11.2	-7.5	8.3	279.6	292.8	5.2	101.5	0.5	300.
1.8	11.1	543.5	950.0	3.3	3.3	153.1	15.4	-7.0	13.7	281.2	294.4	5.1	101.4	1.1	314.
2.6	13.6	760.2	925.0	3.4	3.4	999.9	99.9	99.9	99.9	283.5	297.3	5.3	101.4	999.9	999.
3.5	15.5	983.3	900.0	4.5	4.5	999.9	99.9	99.9	99.9	286.9	302.2	5.9	101.6	999.9	999.
4.4	18.4	1213.6	875.0	5.3	5.3	999.9	99.9	99.9	99.9	290.1	307.0	6.4	101.7	999.9	999.
5.2	20.8	1451.0	850.0	5.1	5.1	999.9	99.9	99.9	99.9	292.3	309.7	6.5	101.7	999.9	999.
6.0	23.4	1695.1	825.0	4.5	4.5	999.9	99.9	99.9	99.9	294.2	311.4	6.4	101.6	999.9	999.
6.9	25.8	1945.6	800.0	3.2	3.2	999.9	99.9	99.9	99.9	295.4	311.8	6.1	101.4	999.9	999.
7.9	28.6	2202.7	775.0	1.7	1.7	219.2	15.0	9.5	11.6	296.3	311.6	5.6	101.2	6.3	6.
8.8	31.3	2466.6	750.0	-0.0	-0.0	225.4	13.4	9.6	9.4	297.2	311.3	5.1	101.0	7.0	11.
9.8	34.2	2738.0	725.0	-1.3	-1.3	226.6	12.0	8.7	8.2	298.6	312.0	4.8	100.8	7.6	15.
10.7	36.8	3018.1	700.0	-2.0	-2.0	227.1	10.1	7.4	6.9	300.9	314.2	4.7	100.7	8.1	17.
11.6	39.8	3306.6	675.0	-3.8	-3.9	229.4	10.2	7.7	6.6	301.9	314.0	4.2	99.0	8.6	19.
12.5	42.4	3604.2	650.0	-5.7	-7.7	241.7	12.1	10.6	5.7	302.9	312.5	3.3	85.4	9.1	21.
13.4	45.4	3911.0	625.0	-7.3	-9.1	256.0	13.4	13.0	3.2	304.5	313.5	3.1	87.1	9.6	24.
14.6	48.5	4228.3	600.0	-9.2	-10.1	263.4	16.0	15.8	1.8	305.8	314.6	3.0	92.9	10.1	29.
15.6	51.4	4556.3	575.0	-11.7	-23.4	267.1	18.3	18.3	0.9	306.4	310.1	1.2	43.2	10.8	33.
16.8	54.6	4894.2	550.0	-15.1	-47.6	278.3	18.4	18.2	-2.7	306.2	306.5	0.1	4.3	11.5	39.
19.1	57.7	5244.3	525.0	-17.3	-60.9	280.6	17.7	17.4	-3.3	307.6	307.7	0.0	1.0	12.3	45.
19.3	61.1	5608.4	500.0	-19.2	-60.7	275.6	18.7	18.6	-1.8	309.6	309.6	0.0	1.2	13.0	50.
20.6	64.6	5988.4	475.0	-21.2	-63.4	277.5	21.7	21.5	-2.8	311.7	311.8	0.0	1.0	14.2	54.
21.4	68.0	6385.2	450.0	-23.7	-65.0	283.1	26.2	25.5	-6.0	313.4	313.5	0.0	1.0	15.3	59.
23.1	71.4	6801.5	425.0	-25.9	-66.5	279.9	31.3	30.9	-5.4	315.7	315.8	0.0	1.0	17.1	64.
24.4	75.3	7237.4	400.0	-29.6	-68.9	275.1	30.2	30.1	-2.7	316.5	316.5	0.0	1.0	19.3	64.
25.9	79.2	7694.6	375.0	-33.2	-61.0	277.5	30.2	30.0	-3.9	317.6	317.7	0.0	4.2	21.7	71.
27.5	83.2	8175.4	350.0	-37.6	-55.9	283.4	26.2	25.4	-6.1	318.0	318.2	0.1	12.7	24.0	74.
29.2	87.2	8681.8	325.0	-41.8	99.9	286.6	31.6	30.2	-9.0	319.0	999.9	999.9	999.9	26.4	78.
31.0	91.7	9218.6	300.0	-46.5	99.9	284.2	41.4	40.1	-10.2	319.9	999.9	999.9	999.9	30.1	81.
32.9	96.2	9790.4	275.0	-51.0	99.9	287.9	41.3	39.3	-12.7	321.4	999.9	999.9	999.9	34.5	84.
35.0	101.0	10404.6	250.0	-54.4	99.9	292.8	39.9	36.8	-15.5	325.2	999.9	999.9	999.9	38.9	89.
37.0	106.3	11073.4	225.0	-58.6	99.9	297.7	36.1	31.9	-16.8	328.7	999.9	999.9	999.9	43.0	90.
39.4	111.8	11809.0	200.0	-60.7	99.9	295.3	32.0	29.0	-13.7	336.6	999.9	999.9	999.9	47.4	93.
42.5	117.5	12639.6	175.0	-59.7	99.9	279.7	27.9	27.5	-4.7	351.4	999.9	999.9	999.9	53.1	94.
46.0	124.3	13615.6	150.0	-54.5	99.9	289.1	27.7	26.2	-9.1	376.1	999.9	999.9	999.9	59.8	96.
50.3	131.3	14787.6	125.0	-54.6	99.9	284.0	18.8	18.2	-4.5	396.1	999.9	999.9	999.9	64.9	97.
55.3	139.0	16215.3	100.0	-54.9	99.9	296.3	16.4	14.7	-7.3	421.6	999.9	999.9	999.9	70.8	98.
61.3	147.0	18045.4	75.0	-55.1	99.9	295.5	10.9	9.8	-4.7	457.5	999.9	999.9	999.9	75.9	100.
69.5	156.0	20643.3	50.0	-53.8	99.9	338.0	1.9	0.7	-1.7	516.8	999.9	999.9	999.9	78.7	100.
81.9	165.5	25120.3	25.0	-49.9	99.9	102.2	9.5	-9.3	2.0	641.5	999.9	999.9	999.9	76.5	101.

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

STATION NO. 637
FLINT, MICH

24 APRIL 1975
1315 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	236.0	982.1	9.4	6.7	20.0	3.1	-1.1	-2.9	284.8	301.0	6.3	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	99.9	99.9	99.9	999.9	999.
0.2	6.7	296.2	975.0	8.2	4.8	17.8	3.0	-0.9	-2.9	284.1	299.6	5.6	78.9	0.1	250.
0.9	6.7	510.1	950.0	6.1	4.7	22.2	3.8	-1.4	-3.5	284.1	298.8	5.6	90.4	0.3	191.
1.6	10.8	728.4	925.0	4.5	4.0	29.7	4.4	-2.2	-3.8	284.7	299.0	5.5	96.1	0.5	199.
2.5	12.0	951.9	900.0	6.5	6.1	323.2	4.9	3.0	-4.0	289.1	306.4	6.6	97.5	0.6	199.
3.3	15.2	1184.9	875.0	8.5	6.1	295.6	8.1	7.3	-3.5	293.5	311.5	6.8	84.7	0.8	173.
4.1	17.4	1424.9	850.0	8.0	4.8	292.1	7.9	7.4	-3.0	295.4	312.6	6.4	80.2	1.1	153.
5.0	19.8	1671.6	825.0	7.9	4.5	285.6	7.5	7.2	-2.0	297.8	315.4	6.4	78.6	1.4	142.
5.9	21.9	1925.1	800.0	6.1	2.7	281.4	7.9	7.7	-1.6	298.4	314.4	5.8	78.8	1.7	134.
6.9	24.4	2185.5	775.0	5.8	-0.5	268.1	9.7	9.7	0.3	300.7	314.1	4.8	64.1	2.1	125.
7.9	26.6	2453.7	750.0	4.6	-4.5	271.3	11.2	11.2	-0.3	302.0	312.5	3.6	51.4	2.7	116.
8.9	29.1	2729.0	725.0	3.0	-10.4	274.1	10.0	10.0	-0.7	303.1	310.2	2.4	36.4	3.4	112.
9.9	31.7	3012.5	700.0	1.4	-15.6	269.3	8.6	8.6	0.1	304.2	309.2	1.6	26.9	3.8	109.
10.9	34.3	3304.3	675.0	-0.2	-20.3	270.5	8.0	8.0	-0.1	305.5	309.1	1.1	20.2	4.3	107.
11.9	36.8	3605.5	650.0	-1.6	-26.1	277.3	8.8	8.8	-1.1	307.2	309.4	0.7	13.4	4.8	106.
13.0	39.6	3916.9	625.0	-3.1	-28.1	271.0	12.4	12.4	-0.2	308.9	310.9	0.6	12.4	5.5	104.
14.1	42.2	4238.6	600.0	-5.4	-29.9	265.7	13.2	13.2	1.0	309.9	311.7	0.5	12.4	6.3	102.
15.2	45.1	4570.7	575.0	-8.1	-31.9	265.7	11.5	11.4	0.9	310.5	312.0	0.5	12.6	7.1	100.
16.3	48.1	4913.6	550.0	-11.4	-34.3	266.6	10.7	10.7	0.6	310.6	311.9	0.4	12.9	7.9	99.
17.6	51.0	5268.7	525.0	-13.5	-37.1	260.4	11.5	11.4	1.9	312.1	313.2	0.3	11.6	8.6	97.
18.9	54.1	5638.7	500.0	-14.6	-38.8	261.0	13.9	13.7	2.2	315.3	316.2	0.3	10.6	9.5	96.
20.2	57.1	6025.5	475.0	-17.1	-40.5	269.5	15.2	15.2	0.1	316.8	317.6	0.2	10.9	10.7	94.
21.6	60.5	6429.0	450.0	-19.5	-41.1	269.6	17.8	17.8	0.1	318.7	319.5	0.2	12.6	12.1	94.
23.1	64.0	6851.5	425.0	-22.3	-42.7	274.9	19.4	19.3	-1.6	320.4	321.1	0.2	13.5	13.9	94.
24.7	67.5	7294.1	400.0	-25.8	-43.2	282.2	22.2	21.7	-4.7	321.4	322.2	0.2	17.8	15.7	95.
26.1	71.0	7757.9	375.0	-29.8	-44.2	276.6	22.7	22.6	-2.6	322.1	322.8	0.2	23.1	17.7	95.
27.8	75.0	8246.6	350.0	-32.7	-48.7	264.1	27.9	27.8	2.9	324.6	325.9	0.4	27.1	20.0	95.
29.5	79.2	8764.3	325.0	-36.9	-43.1	264.1	33.7	33.5	3.5	325.7	326.7	0.3	52.0	23.1	93.
31.3	83.3	9313.4	300.0	-41.1	99.9	261.1	38.7	38.3	6.0	327.5	999.9	99.9	99.9	27.1	92.
33.3	87.8	9897.8	275.0	-46.6	99.9	256.5	39.8	38.7	9.3	327.8	999.9	99.9	99.9	31.8	89.
35.5	92.8	10523.8	250.0	-51.4	99.9	254.1	46.8	45.0	12.8	329.7	999.9	99.9	99.9	37.2	87.
37.6	97.8	11199.9	225.0	-57.0	99.9	250.2	46.5	43.9	15.2	331.2	999.9	99.9	99.9	43.2	85.
40.0	103.3	11936.9	200.0	-61.9	99.9	256.2	50.5	49.0	12.0	334.7	999.9	99.9	99.9	49.8	83.
42.6	109.7	12757.4	175.0	-63.0	99.9	271.8	34.0	34.0	-1.1	346.0	999.9	99.9	99.9	56.8	84.
45.6	116.0	13718.0	150.0	-57.1	99.9	268.2	23.8	23.8	0.7	371.8	999.9	99.9	99.9	61.9	84.
49.4	124.0	14877.2	125.0	-56.4	99.9	261.3	25.8	25.5	3.9	392.9	999.9	99.9	99.9	67.1	84.
53.8	132.5	16297.9	100.0	-54.7	99.9	265.6	29.8	29.8	2.3	422.1	999.9	99.9	99.9	74.3	84.
59.6	141.7	18135.9	75.0	-56.9	99.9	285.1	14.3	13.8	-3.7	453.8	999.9	99.9	99.9	82.3	86.
67.0	151.7	20691.3	50.0	-55.5	99.9	302.2	7.1	6.0	-3.8	512.9	999.9	99.9	99.9	86.0	86.
78.8	162.5	25161.1	25.0	-50.2	99.9	98.5	0.7	-0.7	0.1	640.5	999.9	99.9	99.9	86.4	87.

* BY SPEED MEANS ELEVATION 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. 645
GREEN BAY, WIS

24 APRIL 1975
1415 GMT

151 31. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	210.0	987.8	6.1	1.1	20.0	4.1	-1.4	-3.9	280.8	291.7	4.2	70.0	0.0	9.0
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	7.6	317.0	975.0	5.3	1.2	15.0	4.8	-1.2	-4.7	281.1	292.2	4.3	74.5	0.1	190.
1.3	5.6	428.6	950.0	3.1	1.2	14.7	5.1	-1.3	-4.9	280.9	292.3	4.4	87.0	0.3	193.
2.2	11.3	744.2	925.0	1.3	0.4	20.8	6.4	-2.3	-5.9	281.2	292.3	4.3	94.0	0.6	194.
3.0	13.4	964.4	900.0	-0.3	-0.9	26.2	7.3	-3.2	-6.5	281.7	292.1	4.0	95.3	1.0	198.
3.9	15.4	1189.9	875.0	-0.2	-6.2	17.1	6.0	-1.8	-5.7	284.0	291.5	2.8	65.2	1.3	200.
4.8	17.4	1423.4	850.0	3.0	-11.2	1.5	5.9	-0.2	-5.8	289.5	295.0	1.9	34.2	1.6	199.
5.7	19.6	1665.9	825.0	4.0	-8.2	354.9	5.1	0.5	-5.1	293.1	300.2	2.5	40.5	1.9	195.
6.7	21.5	1916.0	800.0	4.1	-7.3	317.4	4.0	2.7	-2.9	295.8	303.7	2.8	43.1	2.1	191.
7.6	23.8	2173.9	775.0	2.9	-9.1	313.5	6.4	4.7	-4.4	297.3	304.5	2.5	41.0	2.3	195.
8.6	25.9	2439.6	750.0	3.4	-28.6	314.2	6.3	4.5	-4.4	300.4	301.9	0.5	7.3	2.6	178.
9.6	28.1	2713.5	725.0	2.0	-29.5	295.6	7.3	6.6	-3.1	301.7	303.2	0.5	7.6	2.6	172.
10.6	30.5	2995.4	700.0	-0.1	-30.8	281.4	9.3	9.1	-1.8	302.4	303.8	0.4	7.7	3.1	163.
11.7	32.9	3285.3	675.0	-1.8	-31.9	275.8	10.2	10.1	-1.0	303.6	304.9	0.4	7.8	3.4	154.
12.9	35.3	3584.8	650.0	-3.4	-32.9	274.0	9.8	9.8	-0.7	305.1	306.3	0.4	8.0	3.8	144.
14.0	37.7	3893.3	625.0	-6.0	-34.6	277.4	8.9	8.8	-1.1	305.6	306.7	0.3	8.2	4.2	138.
15.1	40.3	4211.3	600.0	-8.6	-36.3	281.1	8.2	8.1	-1.6	306.1	307.1	0.3	8.5	4.7	134.
16.4	42.8	4539.3	575.0	-11.1	-38.0	281.5	9.3	9.1	-1.9	307.0	307.8	0.2	8.7	5.2	130.
17.6	45.6	4879.3	550.0	-13.3	-39.4	282.2	12.1	11.9	-2.6	308.3	309.1	0.2	8.9	5.9	126.
18.8	48.4	5231.9	525.0	-15.8	-41.1	281.8	13.9	13.6	-2.8	309.4	310.1	0.2	9.2	6.9	123.
20.2	51.1	5597.7	500.0	-18.4	-42.9	276.5	14.9	14.8	-1.7	310.6	311.2	0.2	9.4	7.9	120.
21.5	54.1	5978.4	475.0	-20.9	-44.7	269.1	16.3	16.3	0.3	312.1	312.6	0.1	9.6	9.0	116.
22.9	57.0	6376.9	450.0	-22.2	-45.6	270.7	20.2	20.2	-0.2	315.3	315.9	0.1	9.8	10.4	112.
24.3	60.3	6794.5	425.0	-25.3	-47.8	276.9	23.0	22.8	-2.8	316.5	316.9	0.1	10.1	12.2	110.
26.0	63.7	7231.4	400.0	-29.0	-50.5	279.8	24.9	24.6	-4.2	317.2	317.6	0.1	10.4	14.5	108.
27.6	67.0	7689.8	375.0	-32.2	-49.5	281.1	28.2	27.6	-5.4	318.9	319.3	0.1	15.9	17.1	107.
29.3	70.4	8173.1	350.0	-35.9	-48.3	277.8	30.6	30.3	-4.1	320.2	320.7	0.1	26.4	20.0	106.
31.1	74.3	8683.4	325.0	-39.9	99.9	269.9	29.5	29.5	0.0	321.6	999.9	99.9	999.9	23.4	104.
33.0	78.3	9225.6	300.0	-43.5	99.9	261.4	34.9	34.5	5.2	324.0	999.9	99.9	999.9	26.7	102.
35.0	82.5	9805.4	275.0	-47.9	99.9	252.6	43.6	41.6	13.1	325.9	999.9	99.9	999.9	31.0	98.
37.1	86.8	10428.2	250.0	-52.1	99.9	244.4	49.8	44.9	21.6	328.6	999.9	99.9	999.9	36.1	93.
39.8	91.8	11103.1	225.0	-56.7	99.9	248.3	53.2	49.5	19.7	331.7	999.9	99.9	999.9	43.5	88.
42.3	97.0	11844.1	200.0	-59.8	99.9	255.3	41.9	41.2	7.8	338.0	999.9	99.9	999.9	50.7	86.
45.1	102.8	12580.8	175.0	-56.9	99.9	263.8	28.5	28.4	3.1	356.0	999.9	99.9	999.9	56.1	86.
48.1	109.3	13655.5	150.0	-57.2	99.9	262.1	25.8	25.5	3.5	371.6	999.9	99.9	999.9	61.2	86.
51.8	116.7	14815.4	125.0	-54.8	99.9	265.7	25.6	25.5	1.9	395.8	999.9	99.9	999.9	66.9	86.
56.1	125.7	16250.6	100.0	-53.2	99.9	259.0	26.4	25.9	5.0	424.9	999.9	99.9	999.9	73.0	86.
61.5	136.0	18099.3	75.0	-56.9	99.9	286.1	19.1	18.4	-5.3	449.3	999.9	99.9	999.9	80.2	85.
69.0	147.0	20680.9	50.0	-52.4	99.9	345.3	1.4	0.4	-1.4	520.0	999.9	99.9	999.9	84.0	85.
99.9	99.9	25.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 654
HURON, S D

24 APRIL 1975
1415 GMT

153 25. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCNP 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	392.0	966.1	7.8	5.6	180.0	3.1	0.0	3.1	284.5	299.8	5.9	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.
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	10.8	531.2	950.0	8.2	6.2	174.2	8.0	-0.8	7.9	286.3	302.6	6.3	87.5	0.2	0.
1.3	13.2	751.4	925.0	7.5	4.5	177.7	9.0	-0.4	9.0	287.7	302.8	5.7	81.3	0.5	357.
2.0	15.5	976.8	900.0	5.8	4.5	176.1	8.5	-0.6	8.5	288.3	303.8	5.9	91.4	0.9	358.
2.8	17.8	1207.2	875.0	4.5	4.2	184.3	6.4	0.5	6.4	289.2	304.8	5.9	98.0	1.3	357.
3.8	20.3	1443.5	850.0	3.9	3.7	208.2	6.4	3.0	5.6	291.0	306.6	5.9	98.6	1.6	0.
4.6	22.6	1687.9	825.0	6.9	2.3	245.9	8.6	7.8	3.5	296.6	311.7	5.5	72.7	1.9	8.
5.5	25.2	1941.0	800.0	6.1	0.9	254.8	7.6	7.3	2.0	298.3	312.5	5.1	69.0	2.1	19.
6.4	27.7	2200.7	775.0	4.6	-0.0	265.4	9.4	9.3	0.7	299.3	313.1	4.9	72.1	2.4	29.
7.2	30.3	2467.5	750.0	3.1	-2.0	254.1	8.4	8.0	2.3	300.5	312.9	4.4	69.1	2.7	37.
8.1	33.1	2741.9	725.0	1.5	-4.0	245.2	7.7	6.9	3.2	301.6	312.9	3.9	66.8	3.0	41.
9.1	35.7	3023.5	700.0	-1.0	-5.2	241.8	7.7	6.8	3.7	301.9	312.6	3.7	72.8	3.5	43.
10.0	38.4	3313.0	675.0	-3.2	-4.3	242.4	8.0	7.1	3.7	302.6	314.4	4.1	91.5	3.9	45.
11.0	41.1	3610.9	650.0	-5.5	-7.3	241.3	9.3	8.2	4.5	303.1	313.0	3.4	87.5	4.3	47.
11.9	44.0	3917.5	625.0	-7.9	-9.1	244.4	10.0	9.0	4.3	303.7	312.7	3.1	91.4	4.9	49.
13.1	47.3	4233.6	600.0	-10.4	-13.0	251.4	9.9	9.4	3.1	304.3	311.3	2.3	81.2	5.5	51.
14.1	50.1	4560.4	575.0	-12.7	-15.6	254.4	10.1	9.7	2.7	305.4	311.3	2.0	78.7	6.1	53.
15.3	53.1	4898.3	550.0	-15.2	-22.7	246.7	10.4	9.6	4.1	306.2	309.7	1.1	52.4	6.8	56.
16.4	56.0	5248.4	525.0	-17.4	-24.9	237.8	9.8	8.3	5.2	307.6	310.6	1.0	51.6	7.5	56.
17.8	59.4	5612.2	500.0	-20.3	-26.9	227.0	10.8	7.9	7.4	308.3	311.0	0.8	55.4	8.3	56.
19.1	62.9	5990.1	475.0	-23.2	-32.6	224.8	12.5	8.8	8.9	309.3	311.0	0.5	41.7	9.3	55.
20.5	68.1	6383.7	450.0	-26.1	-33.0	234.0	11.5	9.3	6.7	310.4	312.2	0.5	51.9	10.2	54.
21.8	69.7	6795.1	425.0	-28.6	-49.7	248.4	13.0	12.1	4.8	312.2	312.7	0.1	15.2	11.1	54.
23.2	73.2	7226.5	400.0	-31.8	-43.2	247.7	16.9	15.6	6.4	313.7	314.4	0.2	31.1	12.3	56.
24.8	77.2	7679.7	375.0	-35.2	-48.3	241.7	21.5	19.9	10.2	314.9	315.4	0.1	24.6	14.1	57.
26.3	80.9	8157.5	350.0	-38.3	-64.4	244.4	25.8	23.3	11.2	317.0	317.1	0.0	4.9	16.4	58.
28.0	85.1	8662.4	325.0	-42.7	99.9	246.8	24.5	22.5	9.7	317.8	999.9	99.9	999.9	18.9	59.
29.8	89.4	9157.7	300.0	-46.9	99.9	244.2	27.9	25.1	12.2	319.3	999.9	99.9	999.9	21.7	60.
31.7	94.0	9768.3	275.0	-51.6	99.9	242.8	26.8	23.8	12.2	320.6	999.9	99.9	999.9	24.8	60.
33.6	98.8	10380.7	250.0	-56.2	99.9	243.6	27.6	24.7	12.2	322.5	999.9	99.9	999.9	27.9	61.
35.7	103.9	11045.3	225.0	-58.4	99.9	241.6	30.0	26.4	14.3	329.0	999.9	99.9	999.9	31.6	61.
38.4	109.5	11790.1	200.0	-54.9	99.9	256.7	24.0	23.3	5.5	345.8	999.9	99.9	999.9	36.2	62.
41.4	115.4	12642.0	175.0	-55.3	99.9	242.0	22.0	19.4	10.4	358.7	999.9	99.9	999.9	40.0	62.
44.7	122.0	13626.9	150.0	-54.2	99.9	248.0	22.7	21.0	8.5	376.7	999.9	99.9	999.9	44.7	63.
48.6	129.0	14794.2	125.0	-54.2	99.9	257.2	22.3	21.8	4.9	396.9	999.9	99.9	999.9	50.1	63.
53.4	136.7	16232.6	100.0	-53.7	99.9	269.8	19.4	19.4	0.1	423.8	999.9	99.9	999.9	55.3	65.
59.4	144.3	18094.8	75.0	-52.6	99.9	204.4	11.4	4.7	10.4	462.7	999.9	99.9	999.9	60.4	66.
67.3	152.7	20698.5	50.0	-52.6	99.9	254.8	5.1	4.9	1.3	519.5	999.9	99.9	999.9	62.3	64.
78.9	161.0	25203.8	25.0	-50.5	99.9	999.9	99.9	99.9	99.9	639.5	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

113

STATION NO. 655
ST CLOUD, MINN

24 APRIL 1975
1430 GMT

160 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	316.0	978.7	6.6	4.3	80.0	3.6	-3.5	-0.6	282.4	296.1	5.3	84.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	6.6	347.2	975.0	6.5	4.3	99.4	3.6	-3.6	0.6	282.4	296.1	5.3	85.6	0.1	317.
0.7	8.6	560.1	950.0	4.8	4.0	113.5	4.4	-4.0	1.7	282.8	296.7	5.4	94.1	0.3	265.
1.3	10.6	777.1	925.0	2.9	2.8	91.1	5.3	-5.3	0.1	282.9	296.1	5.1	100.1	0.4	272.
1.9	12.7	998.7	900.0	1.5	1.5	95.8	6.9	-6.9	0.7	283.7	296.1	4.8	102.1	0.7	269.
2.5	14.9	1226.4	875.0	2.5	1.3	114.3	6.5	-5.9	2.7	287.0	299.7	4.8	91.8	0.9	274.
3.3	17.0	1461.1	850.0	2.0	-1.3	104.4	5.3	-5.1	1.3	288.8	299.9	4.1	78.8	1.2	279.
3.9	19.3	1702.2	825.0	1.2	-1.6	99.7	5.6	-5.6	1.0	290.4	301.6	4.1	81.5	1.4	278.
4.7	21.4	1949.4	800.0	-0.1	-2.4	116.5	2.4	-2.2	1.1	291.5	302.6	4.1	85.2	1.6	279.
5.4	23.8	2203.8	775.0	1.7	-18.7	309.9	2.0	1.6	-1.3	295.8	299.2	1.1	20.3	1.6	290.
6.2	26.0	2468.3	750.0	1.9	-18.7	308.3	3.4	2.7	-2.1	298.7	302.3	1.2	19.9	1.5	286.
6.9	28.5	2740.6	725.0	-0.4	-19.2	298.9	4.3	3.8	-2.1	299.1	302.5	1.1	21.2	1.3	272.
7.7	31.0	3020.2	700.0	-2.0	-22.1	292.0	5.1	4.8	-1.9	300.4	303.3	0.9	19.6	1.1	268.
8.6	33.7	3308.3	675.0	-4.4	-10.7	283.4	8.1	5.9	-1.4	301.1	308.4	2.5	61.6	0.8	261.
9.5	36.1	3604.6	650.0	-6.3	-12.8	273.0	6.0	6.0	-0.3	302.1	308.5	2.2	59.9	0.5	248.
10.3	38.9	3910.5	625.0	-8.0	-18.3	276.1	3.5	3.5	-0.4	303.4	307.9	1.4	43.3	0.3	223.
11.3	41.3	4226.5	600.0	-9.9	-41.6	10.7	5.0	-0.9	-4.9	304.6	305.2	0.2	5.4	0.3	206.
12.3	44.2	4553.1	575.0	-12.6	-34.8	317.2	3.8	2.6	-2.8	305.2	306.3	0.3	13.6	0.7	198.
13.3	47.1	4890.3	550.0	-15.5	-30.9	280.5	11.4	11.4	-2.1	305.7	307.4	0.5	25.2	0.8	177.
14.3	50.1	5240.1	525.0	-17.7	-36.1	275.7	24.8	24.7	-2.5	307.1	308.2	0.3	18.3	1.4	125.
15.4	53.1	5603.1	500.0	-20.6	-35.1	282.5	20.7	20.2	-4.5	307.9	309.2	0.4	25.7	3.3	110.
16.5	56.0	5980.9	475.0	-22.6	-41.1	282.6	12.2	11.9	-2.6	310.0	310.7	0.2	16.6	4.2	109.
17.7	59.4	6375.5	450.0	-25.5	-49.4	291.8	11.6	10.8	-4.3	311.2	311.5	0.1	8.5	5.0	108.
19.0	62.9	6737.7	425.0	-28.6	-52.2	298.4	14.2	12.5	-6.7	312.4	312.6	0.1	8.1	6.0	110.
20.3	66.3	7218.5	400.0	-32.4	-54.3	287.3	16.3	15.6	-4.8	312.8	313.1	0.1	9.2	7.2	110.
21.7	70.0	7669.5	375.0	-36.7	-54.5	280.3	14.8	14.6	-2.6	313.0	313.2	0.1	13.6	8.5	109.
23.2	73.7	8143.5	350.0	-40.8	99.9	271.3	18.2	18.2	-0.4	313.7	999.9	99.9	999.9	9.9	107.
24.7	77.9	8643.1	325.0	-45.0	99.9	266.0	25.7	25.6	1.8	314.7	999.9	99.9	999.9	11.7	104.
26.5	81.9	9174.9	300.0	-47.6	99.9	264.5	27.9	27.8	2.7	318.2	999.9	99.9	999.9	14.7	100.
28.5	86.0	9744.9	275.0	-50.8	99.9	261.9	28.1	27.9	4.0	321.6	999.9	99.9	999.9	17.7	97.
30.6	91.0	10360.3	250.0	-54.8	99.9	252.4	30.7	29.3	9.3	324.7	999.9	99.9	999.9	21.4	94.
32.8	95.8	11027.9	225.0	-58.4	99.9	250.4	34.7	32.7	11.7	329.0	999.9	99.9	999.9	25.4	89.
35.5	101.3	11769.4	200.0	-58.3	99.9	256.5	26.3	25.5	6.1	340.5	999.9	99.9	999.9	30.4	87.
38.5	107.5	12609.6	175.0	-58.5	99.9	247.5	26.7	24.7	10.2	353.4	999.9	99.9	999.9	34.6	86.
42.0	114.0	13588.8	150.0	-52.8	99.9	257.6	22.3	21.7	4.8	379.0	999.9	99.9	999.9	40.4	85.
45.9	121.7	14758.2	125.0	-55.1	99.9	258.8	22.3	21.9	4.3	395.2	999.9	99.9	999.9	45.0	84.
50.6	130.0	16189.9	100.0	-52.4	99.9	268.4	15.3	15.3	0.4	426.5	999.9	99.9	999.9	49.9	84.
56.3	135.5	18048.6	75.0	-54.4	99.9	250.1	18.6	17.7	6.4	458.8	999.9	99.9	999.9	55.7	82.
63.5	150.0	20625.4	50.0	-56.2	99.9	246.0	4.6	4.2	1.9	511.0	999.9	99.9	999.9	59.0	82.
74.7	161.5	25116.1	25.0	-52.5	99.9	351.7	6.5	0.9	-6.4	634.0	999.9	99.9	999.9	59.6	84.

* BY SPEED MEANS ELEVATION 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. 662
RAPID CITY, S D

24 APRIL 1975
1415 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.6	966.0	900.1	8.3	4.7	120.0	4.1	-3.6	2.0	290.8	306.7	6.0	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.
0.0	15.6	966.9	900.0	8.3	4.6	999.9	99.9	99.9	99.9	290.9	306.7	5.9	77.5	999.9	999.
0.7	18.0	1200.2	875.0	8.1	-0.1	999.9	99.9	99.9	99.9	292.7	304.6	4.3	56.2	999.9	999.
1.5	20.5	1438.9	850.0	6.2	-1.0	999.9	99.9	99.9	99.9	293.1	304.6	4.2	60.1	999.9	999.
2.4	22.9	1662.7	825.0	4.0	-1.4	295.2	10.8	9.8	-4.6	293.4	304.9	4.2	67.8	1.0	131.
3.1	25.4	1932.3	800.0	1.8	-1.2	290.0	13.3	12.5	-4.5	293.6	305.6	4.4	80.8	1.5	125.
3.9	27.9	2187.3	775.0	-0.7	-1.4	292.2	18.4	17.0	-7.0	293.6	305.8	4.5	95.2	2.2	120.
4.7	30.7	2448.7	750.0	-2.8	-2.9	297.3	20.5	18.2	-9.4	294.1	305.5	4.1	99.5	3.2	118.
5.5	33.3	2716.7	725.0	-4.8	-4.9	300.6	19.5	16.8	-9.9	294.7	304.9	3.7	99.0	4.2	119.
6.3	36.0	2992.4	700.0	-5.8	-6.7	295.8	19.1	17.2	-8.3	296.5	305.9	3.3	93.5	5.1	119.
7.1	38.8	3277.2	675.0	-7.2	-8.5	290.7	19.2	18.0	-6.8	298.0	306.5	3.0	90.5	6.1	118.
7.9	41.4	3570.5	650.0	-9.6	-10.3	289.5	20.1	19.9	-6.7	298.4	306.1	2.7	95.1	7.0	117.
8.7	44.4	3872.7	625.0	-11.1	-12.3	286.2	21.7	20.8	-6.1	300.0	307.0	2.4	91.3	7.9	116.
9.4	47.4	4185.9	600.0	-12.2	-16.2	281.0	22.6	22.2	-4.3	302.2	307.6	1.8	76.0	8.9	114.
10.2	50.4	4510.1	575.0	-14.8	-18.0	275.9	22.7	22.6	-2.3	302.8	307.7	1.6	76.4	10.0	113.
11.0	53.5	4844.8	550.0	-17.7	-19.5	271.3	22.9	22.9	-0.5	303.2	307.7	1.5	85.9	10.9	111.
11.8	56.5	5191.1	525.0	-20.4	-21.9	268.4	22.9	22.9	0.6	304.0	307.9	1.3	88.1	12.1	109.
13.0	59.9	5550.7	500.0	-22.8	-24.5	270.3	22.5	22.5	-0.1	305.3	308.6	1.0	85.7	13.6	106.
14.9	63.4	5925.1	475.0	-25.6	-28.6	278.3	25.5	25.2	-3.7	306.5	308.9	0.8	74.7	16.2	104.
16.7	66.7	6315.5	450.0	-27.9	-35.1	281.5	24.3	23.8	-4.9	308.2	309.6	0.4	49.8	18.9	104.
17.9	70.4	6723.7	425.0	-31.3	-40.0	282.0	23.2	22.7	-4.8	308.9	309.9	0.3	41.6	20.6	104.
19.0	74.0	7150.2	400.0	-34.6	-46.9	284.8	23.4	22.6	-6.0	309.9	310.4	0.1	27.3	22.1	104.
20.2	77.9	7598.5	375.0	-37.3	-59.9	288.6	24.6	23.3	-7.9	312.1	312.2	0.0	7.4	23.9	104.
21.7	81.8	8071.3	350.0	-41.0	99.9	294.1	25.3	23.0	-10.3	313.5	999.9	99.9	999.9	26.1	105.
23.8	86.0	8573.2	325.0	-43.6	99.9	273.6	19.4	19.4	-1.2	316.6	999.9	99.9	999.9	28.9	105.
25.4	90.6	9106.5	300.0	-47.0	99.9	258.0	24.5	24.0	5.1	319.2	999.9	99.9	999.9	31.1	103.
26.9	95.3	9683.8	275.0	-46.4	99.9	252.5	15.0	14.3	4.5	328.0	999.9	99.9	999.9	32.7	102.
28.9	100.2	10311.9	250.0	-49.7	99.9	256.9	17.9	17.5	4.1	332.2	999.9	99.9	999.9	34.4	101.
31.3	105.4	10998.3	225.0	-51.8	99.9	258.4	26.5	25.9	5.3	339.2	999.9	99.9	999.9	36.9	99.
33.4	111.0	11758.7	200.0	-54.7	99.9	269.4	20.2	20.2	0.2	346.2	999.9	99.9	999.9	40.0	97.
35.6	117.0	12609.9	175.0	-55.3	99.9	276.2	16.5	16.4	-1.8	358.6	999.9	99.9	999.9	42.5	97.
38.7	124.0	13587.6	150.0	-56.2	99.9	231.8	23.8	18.7	14.7	373.3	999.9	99.9	999.9	45.1	95.
42.2	131.3	14750.4	125.0	-53.8	99.9	254.5	20.1	19.4	5.4	397.6	999.9	99.9	999.9	49.9	92.
46.6	139.3	16186.9	100.0	-55.5	99.9	255.1	18.2	17.6	4.7	420.5	999.9	99.9	999.9	54.1	91.
52.5	147.3	18040.5	75.0	-50.2	99.9	233.8	5.1	4.1	3.0	467.7	999.9	99.9	999.9	58.4	89.
59.8	155.7	20646.4	50.0	-54.2	99.9	272.9	4.2	4.2	-0.2	515.9	999.9	99.9	999.9	58.6	89.
70.7	164.0	25149.6	25.0	-50.8	99.9	333.7	1.3	0.6	-1.2	638.7	999.9	99.9	999.9	59.5	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. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
1442 GMT

165 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	180.0	997.0	21.1	16.9	200.0	4.2	1.4	3.9	296.2	329.3	12.3	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.8	7.8	373.1	975.0	19.3	16.6	202.4	10.7	4.1	9.8	296.2	328.5	12.3	84.6	0.4	15.
1.6	6.9	596.2	950.0	17.0	16.0	212.2	13.3	7.1	11.2	296.1	328.0	12.2	94.1	0.9	21.
2.4	12.0	823.4	925.0	14.7	14.0	216.8	15.1	9.1	12.1	295.8	324.6	11.0	96.0	1.6	28.
3.2	14.3	1055.8	900.0	14.4	13.5	224.2	18.6	13.0	13.4	297.8	326.8	10.9	94.5	2.4	32.
3.9	16.4	1294.3	875.0	13.3	11.8	230.0	20.4	15.6	13.1	298.9	325.8	10.0	90.8	3.3	36.
4.8	18.7	1538.2	850.0	12.4	10.3	233.0	20.0	16.0	12.1	300.3	325.6	9.3	87.4	4.3	40.
5.8	20.9	1788.8	825.0	11.0	9.5	234.2	20.4	16.6	12.0	301.4	326.2	9.1	90.4	5.4	43.
6.6	23.3	2045.5	800.0	9.4	7.8	233.7	21.5	17.3	12.7	302.3	325.2	8.4	89.9	6.5	45.
7.6	25.7	2308.9	775.0	7.9	6.2	239.1	18.9	16.2	9.7	303.3	324.7	7.7	89.0	7.6	46.
8.5	28.1	2578.9	750.0	5.7	3.8	247.0	15.7	14.5	6.1	303.7	322.5	6.7	87.6	8.7	48.
9.6	30.7	2856.0	725.0	4.1	3.0	252.2	15.0	14.3	4.6	304.9	323.4	6.6	92.5	9.5	50.
10.6	33.3	3141.9	700.0	4.8	-18.3	251.3	20.8	19.7	6.7	307.9	312.0	1.3	17.0	10.4	53.
11.7	35.8	3438.3	675.0	4.4	-16.7	250.5	26.7	25.2	8.9	310.8	315.6	1.5	20.0	12.0	55.
12.9	38.6	3744.0	650.0	1.8	-11.2	253.6	28.5	27.3	8.1	311.4	319.0	2.5	37.4	13.9	57.
14.0	41.2	4059.3	625.0	-0.4	-6.9	254.6	28.9	27.8	7.7	312.5	323.5	3.7	61.4	15.7	59.
15.2	44.1	4385.5	600.0	-1.8	-6.4	254.9	24.7	23.8	6.4	314.5	326.5	4.0	70.8	17.8	61.
16.5	47.0	4722.8	575.0	-4.4	-14.7	256.9	23.1	22.5	5.2	315.1	321.8	2.1	44.0	19.4	62.
17.8	50.1	5071.1	550.0	-7.7	-19.6	262.2	20.1	19.9	2.7	315.0	319.8	1.5	38.2	21.1	64.
19.1	53.0	5431.2	525.0	-10.6	-25.4	261.1	22.1	21.8	3.4	315.8	318.8	0.9	28.2	22.6	65.
20.3	56.1	5804.0	500.0	-14.3	-25.5	259.5	25.4	25.0	4.6	315.7	318.8	1.0	38.0	24.2	66.
21.1	59.4	6191.4	475.0	-16.0	-60.1	260.1	28.1	27.7	4.9	318.1	318.2	0.0	1.0	25.5	67.
22.8	62.9	6596.4	450.0	-18.8	-61.9	262.9	21.3	21.1	2.6	319.5	319.6	0.0	1.0	27.7	68.
24.3	66.2	7019.5	425.0	-22.0	-63.9	259.6	24.3	23.9	4.4	320.8	320.8	0.0	1.0	29.7	69.
25.9	70.0	7462.5	400.0	-24.9	-65.9	266.1	24.3	24.3	1.7	322.5	322.6	0.0	1.0	31.9	70.
27.6	73.7	7929.9	375.0	-28.1	-67.9	269.8	23.1	23.1	0.1	324.3	324.4	0.0	1.0	34.2	71.
29.3	77.7	8420.5	350.0	-31.9	-70.4	268.2	25.9	25.8	0.8	325.6	325.7	0.0	1.0	36.6	72.
31.0	81.8	8938.9	325.0	-36.6	-73.6	264.1	27.0	26.8	2.8	326.1	326.1	0.0	1.0	39.5	73.
32.7	86.0	9487.5	300.0	-41.4	99.9	265.7	29.5	29.4	2.2	327.0	999.9	99.9	999.9	42.0	74.
34.4	90.8	10072.4	275.0	-46.1	99.9	272.5	26.9	26.9	-1.2	328.5	999.9	99.9	999.9	45.0	75.
36.4	95.7	10698.8	250.0	-51.2	99.9	271.0	26.5	26.5	-0.5	330.0	999.9	99.9	999.9	48.1	76.
39.7	101.0	11376.4	225.0	-55.1	99.9	275.4	23.9	23.8	-2.3	334.0	999.9	99.9	999.9	51.9	77.
41.1	106.8	12121.9	200.0	-59.4	99.9	282.9	29.5	28.7	-6.6	338.8	999.9	99.9	999.9	54.7	79.
43.5	113.0	12951.7	175.0	-62.2	99.9	267.0	19.6	19.5	1.0	347.3	999.9	99.9	999.9	57.7	80.
46.6	120.0	13908.1	150.0	-60.1	99.9	262.7	38.2	37.9	4.8	366.6	999.9	99.9	999.9	63.5	80.
49.8	127.7	15040.2	125.0	-61.9	99.9	271.5	30.8	30.8	-0.8	382.8	999.9	99.9	999.9	69.4	81.
53.9	136.3	16403.6	100.0	-66.8	99.9	272.4	22.6	22.6	-0.9	398.6	999.9	99.9	999.9	74.7	82.
58.8	145.0	18142.2	75.0	-66.5	99.9	285.4	1.5	1.4	-0.4	433.5	999.9	99.9	999.9	79.7	82.
65.3	155.0	20627.2	50.0	-57.9	99.9	399.9	5.2	-3.4	-4.0	507.1	999.9	99.9	999.9	81.1	83.
76.0	165.3	25067.3	25.0	-51.2	99.9	278.4	5.6	5.5	-0.8	638.0	999.9	99.9	999.9	80.4	84.

* BY SPEED MEANS ELEVATION 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

24 April 1975

1800 GMT

217 - 257

STATION NO. 208
CHARLESTEN, SC

24 APRIL 1975
1800 GMT

152 29. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	13.0	1021.0	24.3	13.8	210.0	8.2	4.1	7.1	297.0	323.1	9.8	52.0	0.0	0.
0.4	6.1	194.4	1000.0	22.2	12.0	205.4	9.2	3.9	8.3	296.5	320.1	8.9	52.5	0.3	24.
1.0	8.1	413.8	975.0	20.4	11.7	208.0	8.8	4.1	7.7	296.9	320.6	8.9	57.3	0.6	25.
1.7	10.2	637.5	950.0	18.0	11.2	213.9	8.9	5.0	7.4	296.7	320.3	8.9	64.5	0.9	27.
2.2	12.2	865.1	925.0	15.5	10.3	219.6	8.8	5.6	6.8	296.3	319.0	8.5	71.1	1.2	29.
3.0	14.4	1096.9	900.0	12.9	9.2	226.3	7.8	5.7	5.4	295.8	317.7	8.2	78.7	1.6	33.
4.1	16.3	1333.3	875.0	11.2	8.4	224.1	7.2	5.1	5.1	296.4	317.7	7.9	82.8	2.0	37.
5.0	18.6	1575.3	850.0	10.6	1.6	228.2	6.7	5.0	4.5	297.9	312.0	5.1	53.7	2.4	38.
5.9	20.7	1824.2	825.0	10.1	2.5	240.9	5.5	4.8	2.7	300.0	315.5	5.6	59.2	2.8	40.
7.0	23.0	2079.6	800.0	9.3	-8.1	241.6	5.1	4.5	2.4	301.4	309.0	2.6	28.3	3.0	42.
8.1	25.3	2342.3	775.0	8.4	-1.9	243.0	6.3	5.6	2.9	303.4	315.8	4.3	46.3	3.4	44.
9.1	27.6	2613.2	750.0	7.5	0.1	248.6	7.1	6.6	2.6	305.4	320.1	5.1	59.2	3.8	46.
10.2	30.0	2891.8	725.0	5.9	-1.4	257.8	7.4	7.2	1.6	306.6	320.3	4.8	59.2	4.2	49.
11.2	32.5	3178.9	700.0	4.5	-3.1	261.1	8.3	8.2	1.3	308.1	320.8	4.4	57.6	4.7	52.
12.3	35.1	3474.8	675.0	3.1	-4.8	265.7	8.0	8.0	0.6	309.6	321.3	4.0	55.8	5.2	55.
13.5	37.4	3779.9	650.0	1.1	-6.4	276.0	9.1	9.1	-0.9	310.7	321.6	3.7	57.2	5.6	59.
14.9	40.1	4055.2	625.0	0.1	-8.7	287.9	11.6	11.0	-3.6	313.0	322.6	3.2	51.5	6.2	64.
16.2	42.7	4421.0	600.0	-2.7	-11.1	292.1	12.6	11.7	-4.7	313.4	321.7	2.7	52.2	7.0	70.
17.5	45.5	4756.9	575.0	-5.2	-19.3	292.0	10.9	10.1	-4.1	314.0	318.7	1.5	32.4	7.8	75.
19.0	48.4	5104.4	550.0	-7.9	-21.5	302.8	11.2	9.4	-6.0	314.6	318.9	1.2	32.3	8.4	79.
20.3	51.3	5463.9	525.0	-10.9	-21.5	304.5	13.8	11.4	-7.8	315.5	319.7	1.3	41.2	9.2	83.
21.7	54.4	5837.4	500.0	-12.2	-35.4	304.0	12.0	9.9	-6.7	318.2	319.5	0.4	12.2	10.1	88.
23.2	57.4	6228.1	475.0	-14.6	-37.2	306.8	12.1	9.7	-7.3	319.9	321.1	0.3	12.5	10.8	91.
24.8	60.7	6635.8	450.0	-17.0	-38.9	302.9	12.0	10.1	-6.5	321.8	322.9	0.3	12.8	11.9	94.
26.4	64.1	7061.5	425.0	-20.6	-41.5	313.6	10.4	7.6	-7.2	322.5	323.3	0.2	13.3	12.7	97.
28.2	67.4	7506.8	400.0	-24.5	-44.4	306.0	10.6	8.6	-6.2	323.1	323.8	0.2	13.7	13.7	99.
30.1	71.0	7973.1	375.0	-28.2	-47.1	295.0	13.8	12.5	-5.8	324.2	324.6	0.1	14.2	14.9	101.
32.0	74.8	8463.8	350.0	-32.6	-50.5	293.4	16.2	14.9	-6.4	324.7	325.1	0.1	14.7	16.8	102.
34.2	79.0	8981.6	325.0	-36.1	-53.2	290.3	17.8	16.7	-6.2	326.8	327.1	0.1	15.1	18.9	104.
36.2	83.0	9532.5	300.0	-40.2	99.9	292.2	19.0	17.6	-7.2	328.8	999.9	99.9	999.9	21.1	104.
38.4	87.2	10119.7	275.0	-45.6	99.9	292.3	19.9	18.4	-7.6	329.2	999.9	99.9	999.9	23.6	105.
40.9	91.8	10747.3	250.0	-51.0	99.9	282.2	19.5	19.0	-4.1	330.2	999.9	99.9	999.9	26.7	106.
43.8	96.8	11427.6	225.0	-55.3	99.9	279.0	18.6	18.4	-2.9	333.7	999.9	99.9	999.9	29.8	104.
46.5	102.0	12169.5	200.0	-60.5	99.9	276.3	22.5	22.3	-2.5	337.0	999.9	99.9	999.9	33.1	104.
49.6	108.0	12956.4	175.0	-62.0	99.9	281.7	29.2	28.6	-5.9	347.7	999.9	99.9	999.9	38.1	104.
53.2	114.3	13958.0	150.0	-59.1	99.9	298.5	29.6	28.1	-9.4	368.3	999.9	99.9	999.9	44.1	103.
57.4	121.5	15056.3	125.0	-62.7	99.9	292.3	23.2	21.5	-8.8	381.5	999.9	99.9	999.9	50.5	105.
62.2	129.7	16448.5	100.0	-69.2	99.9	274.0	13.7	13.6	-1.0	394.1	999.9	99.9	999.9	56.4	105.
68.2	138.3	18158.8	75.0	-68.2	99.9	318.1	14.8	9.9	-11.0	429.9	999.9	99.9	999.9	61.9	105.
76.8	147.3	20648.0	50.0	-60.0	99.9	138.1	0.9	-0.6	0.6	502.1	999.9	99.9	999.9	62.1	106.
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

311

STATION NO. 211
TAMPA, FLA

24 APRIL 1978
1730 GMT

158 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	8.0	1021.2	28.6	15.2	140.0	6.2	-4.0	4.7	301.4	330.3	10.7	44.0	0.0	0.
0.8	6.0	193.1	1000.0	25.2	11.6	160.5	6.3	-2.1	5.9	299.5	322.9	8.6	42.8	0.4	339.
1.8	8.2	414.8	975.0	23.0	11.3	148.8	4.8	-2.5	4.1	299.5	323.0	8.7	47.7	0.7	337.
2.6	10.4	640.8	950.0	21.1	10.8	143.3	5.6	-3.4	4.5	299.8	323.2	8.6	51.8	0.9	334.
3.3	12.5	870.9	925.0	18.9	10.1	138.7	5.8	-3.8	4.7	299.8	322.7	8.4	56.5	1.2	332.
3.8	14.9	1105.5	900.0	16.6	9.6	124.3	5.6	-4.6	3.1	299.7	322.5	8.4	63.4	1.3	330.
4.7	17.1	1345.0	875.0	14.4	8.9	102.9	7.4	-7.2	1.7	299.9	322.2	8.2	69.1	1.6	321.
5.8	19.5	1589.7	850.0	12.7	7.7	106.6	7.3	-7.0	2.1	300.5	322.0	7.9	72.1	2.0	313.
6.7	21.7	1840.3	825.0	12.8	-12.7	121.9	7.6	-6.5	4.0	302.3	307.6	1.7	15.6	2.4	310.
7.6	24.1	2097.5	800.0	11.3	-13.8	122.5	6.5	-5.5	3.5	303.4	308.3	1.6	15.7	2.8	309.
8.6	26.4	2361.7	775.0	9.7	-15.0	108.3	4.2	-4.0	1.3	304.4	309.1	1.5	15.8	3.1	308.
9.7	29.0	2632.8	750.0	8.2	-16.1	74.6	3.8	-3.7	-1.0	305.6	310.1	1.4	15.9	3.3	305.
10.8	31.7	2912.8	725.0	8.2	-16.1	33.2	2.4	-1.3	-2.0	306.7	313.4	1.5	15.9	3.4	302.
11.8	34.4	3202.0	700.0	7.9	-17.3	4.7	3.1	-0.3	-3.1	311.4	315.9	1.4	14.8	3.4	300.
12.9	36.8	3501.2	675.0	6.7	-14.9	358.3	3.2	0.1	-3.2	313.4	319.0	1.8	19.6	3.3	296.
14.1	39.7	3805.8	650.0	4.6	-11.1	336.1	4.1	1.7	-3.8	314.5	322.3	2.5	31.1	3.1	293.
15.2	42.3	4128.4	625.0	2.7	-8.6	334.2	6.2	2.7	-5.6	315.9	325.7	3.2	43.1	2.9	289.
16.4	45.2	4457.4	600.0	0.2	-9.0	343.4	9.6	2.8	-9.2	316.7	326.7	3.2	50.0	2.5	279.
17.6	48.3	4757.2	575.0	-2.1	-11.4	345.7	10.8	2.7	-10.5	317.8	326.5	2.8	49.0	2.3	260.
18.8	51.1	5149.4	550.0	-4.0	-13.0	340.3	9.1	3.0	-8.5	319.6	327.7	2.5	49.3	2.4	243.
20.2	54.3	5515.4	525.0	-5.9	-16.4	324.3	7.9	4.6	-6.4	321.5	328.0	2.0	43.1	2.5	226.
21.6	57.3	5896.0	500.0	-8.7	-20.0	311.7	7.3	5.4	-4.8	322.6	327.7	1.6	39.2	2.6	213.
23.1	60.6	6291.0	475.0	-12.2	-21.3	306.2	7.6	5.9	-4.7	323.0	327.8	1.5	46.4	2.7	198.
24.6	64.0	6701.9	450.0	-15.4	-22.9	317.1	8.1	5.5	-5.9	324.0	328.5	1.3	52.4	3.0	186.
26.0	67.3	7131.0	425.0	-18.7	-26.9	312.4	8.7	6.4	-5.9	325.0	328.4	1.0	48.4	3.5	177.
27.7	70.8	7580.4	400.0	-21.7	-28.4	309.1	11.7	9.1	-7.4	326.8	329.9	0.9	54.4	4.3	168.
29.4	74.5	8053.8	375.0	-24.3	-33.2	296.0	12.8	11.5	-5.6	329.5	331.6	0.6	43.1	5.3	158.
31.2	78.4	8553.3	350.0	-28.2	-36.7	288.7	13.0	12.3	-4.1	330.7	332.4	0.5	43.5	6.4	149.
33.2	82.3	9080.9	325.0	-32.2	-43.4	292.4	16.9	15.7	-6.4	332.2	333.2	0.2	31.4	7.7	141.
35.3	86.5	9640.6	300.0	-37.0	-47.4	295.9	17.9	15.5	-8.9	333.2	333.9	0.2	32.9	9.7	135.
37.2	91.0	10236.2	275.0	-42.1	-99.9	303.0	19.0	15.9	-10.3	334.3	999.9	99.9	999.9	11.9	133.
39.3	95.6	10874.8	250.0	-47.3	99.9	295.8	18.1	16.3	-7.9	335.7	999.9	99.9	999.9	14.2	131.
41.6	100.4	11562.7	225.0	-53.1	99.9	295.7	22.2	20.0	-9.6	337.1	999.9	99.9	999.9	16.7	128.
44.2	105.5	12311.6	200.0	-58.7	99.9	291.3	31.6	29.4	-11.5	339.8	999.9	99.9	999.9	20.9	125.
47.1	111.3	13138.6	175.0	-64.1	99.9	293.7	30.0	28.0	-10.6	344.1	999.9	99.9	999.9	26.6	122.
50.4	117.5	14095.4	150.0	-60.9	99.9	294.2	21.4	19.5	-8.8	365.2	999.9	99.9	999.9	31.4	121.
54.2	124.7	15217.1	125.0	-65.2	99.9	283.1	18.5	18.1	-4.2	376.9	999.9	99.9	999.9	35.7	119.
58.6	132.3	16557.4	100.0	-71.3	99.9	282.1	14.1	13.8	-3.0	390.0	999.9	99.9	999.9	40.1	117.
63.9	140.3	18242.9	75.0	-72.3	99.9	333.6	7.5	3.3	-6.7	421.3	999.9	99.9	999.9	43.9	117.
71.4	149.0	20707.0	50.0	-60.9	99.9	134.0	3.3	-2.3	2.3	500.0	999.9	99.9	999.9	43.7	120.
82.7	158.0	25125.3	25.0	-51.3	99.9	25.6	6.4	-2.8	-5.8	637.1	999.9	99.9	999.9	44.6	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. 213
WAYCROSS, GA

24 APRIL 1975
1805 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.0	44.0	1016.4	27.9	10.1	180.0	4.1	0.0	4.1	300.7	321.8	7.7	33.0	0.0	0.
0.3	5.1	187.2	1000.0	24.5	14.4	175.3	4.8	-0.4	4.7	299.1	326.9	10.4	53.5	0.2	34.
1.2	6.8	408.5	975.0	22.3	12.1	181.1	6.5	0.1	6.5	298.8	323.4	9.1	52.4	0.4	15.
2.2	8.8	633.7	950.0	20.1	11.3	189.0	5.4	0.8	5.3	298.7	322.8	8.9	57.1	0.8	10.
3.1	10.8	863.3	925.0	18.1	11.4	190.4	4.2	0.8	4.2	299.0	323.8	9.2	65.1	1.0	10.
4.0	12.8	1097.5	900.0	16.1	11.3	181.8	4.9	0.1	4.9	299.3	324.7	9.4	73.5	1.3	19.
4.9	15.0	1336.6	875.0	13.7	10.4	197.4	5.7	1.7	5.4	299.3	323.9	9.1	80.4	1.6	8.
5.7	17.0	1580.9	850.0	12.0	9.2	227.4	5.3	3.9	3.6	299.9	323.3	8.6	82.9	1.8	12.
6.7	19.3	1831.5	825.0	11.7	7.0	248.5	2.5	2.3	0.9	302.0	323.2	7.7	73.5	2.0	18.
7.6	21.4	2088.9	800.0	11.7	-42.0	216.1	2.7	1.6	2.2	303.6	304.0	0.1	1.1	2.1	10.
8.5	23.7	2353.7	775.0	11.1	-20.3	230.3	3.6	2.8	2.3	305.8	309.0	1.0	9.3	2.3	20.
9.5	25.9	2626.4	750.0	9.5	-2.2	263.5	3.6	3.6	0.4	307.4	320.1	4.4	44.0	2.4	23.
10.5	28.5	2907.0	725.0	7.6	-3.9	291.0	4.9	4.6	-1.8	308.3	319.9	4.0	43.8	2.5	30.
11.4	31.0	3195.2	700.0	6.0	-5.2	295.7	5.4	4.9	-2.3	309.6	320.6	3.7	44.2	2.5	36.
12.6	33.6	3492.5	675.0	4.1	-5.9	298.2	6.3	5.5	-3.0	310.7	321.6	3.7	48.4	2.6	45.
13.5	36.1	3798.9	650.0	2.7	-5.7	300.0	5.9	5.1	-2.9	312.5	324.0	3.8	53.8	2.8	52.
14.8	38.9	4115.2	625.0	0.6	-6.2	301.9	7.2	6.1	-3.8	313.6	325.2	3.8	60.0	2.9	60.
15.7	41.5	4441.7	600.0	-2.3	-5.7	303.2	8.8	7.3	-4.8	313.9	326.4	4.2	77.6	3.2	68.
16.8	44.4	4778.6	575.0	-4.7	-7.5	311.7	9.2	6.9	-6.1	314.9	326.4	3.8	80.6	3.5	77.
18.0	47.5	5127.6	550.0	-6.9	-10.4	313.8	7.7	5.5	-5.3	316.3	326.0	3.2	76.3	3.9	85.
19.3	50.5	5489.3	525.0	-9.2	-16.1	297.0	7.9	7.1	-3.6	317.5	324.1	2.1	57.6	4.3	89.
20.6	53.6	5865.9	500.0	-10.7	-25.0	285.0	10.1	9.8	-2.6	320.0	323.4	1.0	29.7	5.0	92.
21.8	56.7	6258.5	475.0	-13.3	-22.6	281.8	12.7	12.4	-2.6	321.6	326.0	1.3	46.1	5.8	93.
23.1	60.3	6658.1	450.0	-16.6	-20.2	290.2	15.5	14.5	-5.4	322.6	328.1	1.7	73.3	6.9	95.
24.6	64.0	7095.2	425.0	-20.0	-21.4	294.8	16.0	14.5	-6.7	323.5	328.9	1.6	88.1	8.2	98.
26.1	67.7	7543.2	400.0	-22.8	-30.8	297.3	18.1	16.0	-8.5	325.4	327.9	0.7	47.7	9.7	101.
27.6	71.4	8013.8	375.0	-25.7	-39.3	291.2	20.2	18.8	-7.3	327.5	328.8	0.4	28.3	11.4	103.
29.2	75.7	8505.8	350.0	-29.6	-42.9	284.7	20.6	19.9	-5.2	328.8	329.7	0.2	26.0	13.4	104.
31.2	80.1	9033.3	325.0	-34.1	-42.5	274.8	18.6	18.5	-1.5	329.6	330.6	0.3	41.8	15.7	103.
33.0	84.8	9588.7	300.0	-38.5	-48.4	274.8	17.3	17.2	-1.5	331.0	331.5	0.2	34.3	17.6	102.
35.0	89.6	10180.0	275.0	-43.9	99.9	277.9	19.5	19.4	-2.7	331.7	999.9	99.9	999.9	19.8	102.
37.2	95.0	10812.6	250.0	-49.1	99.9	275.1	21.0	20.9	-1.9	333.1	999.9	99.9	999.9	22.4	101.
39.8	100.6	11496.7	225.0	-54.3	99.9	279.7	28.0	27.6	-4.7	335.3	999.9	99.9	999.9	26.3	101.
42.5	106.7	12244.3	200.0	-58.0	99.9	273.2	27.6	27.5	-1.5	341.0	999.9	99.9	999.9	30.9	100.
45.5	113.3	13078.8	175.0	-60.9	99.9	275.8	28.6	28.2	-4.9	349.4	999.9	99.9	999.9	36.4	99.
48.9	120.3	14039.0	150.0	-60.5	99.9	276.5	23.5	23.4	-2.7	365.9	999.9	99.9	999.9	41.2	99.
53.1	128.3	15172.2	125.0	-62.5	99.9	281.0	23.4	23.0	-4.5	381.9	999.9	99.9	999.9	47.4	99.
58.0	136.3	16526.7	100.0	-69.9	99.9	288.9	13.6	12.9	-4.4	392.7	999.9	99.9	999.9	52.3	100.
63.7	144.0	18239.9	75.0	-68.1	99.9	290.7	12.8	12.0	-4.5	430.2	999.9	99.9	999.9	56.0	101.
71.9	152.0	20737.5	50.0	-59.6	99.9	216.0	0.9	0.5	0.7	503.1	999.9	99.9	999.9	56.7	102.
84.4	160.0	25180.8	25.0	-52.1	99.9	39.2	5.7	-3.6	-4.4	634.8	999.9	99.9	999.9	58.7	103.

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

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
1715 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	11.0	1021.8	23.6	18.7	150.0	5.2	-2.6	4.5	256.7	331.8	13.4	74.0	0.0	0.
0.6	6.2	198.9	1000.0	21.1	17.1	171.4	10.3	-1.5	10.2	295.9	328.3	12.4	78.0	0.3	344.
1.3	8.4	418.1	975.0	19.7	14.5	183.0	10.5	0.6	10.5	256.4	324.7	10.7	71.8	0.8	351.
2.1	10.5	642.3	950.0	19.1	13.7	194.4	6.8	1.7	6.6	298.0	325.9	10.5	70.9	1.2	358.
2.9	12.7	871.4	925.0	17.9	12.4	189.8	4.5	0.8	4.4	298.9	325.3	9.9	70.4	1.4	1.
3.8	15.0	1105.6	900.0	16.0	11.5	172.3	4.5	-0.6	4.5	299.2	324.9	9.5	74.7	1.6	0.
4.5	17.1	1344.9	875.0	14.5	10.0	188.4	4.3	0.6	4.3	300.1	324.1	8.9	74.4	1.9	360.
5.4	19.5	1589.9	850.0	13.0	7.3	190.9	3.4	0.7	3.4	300.8	321.8	7.7	68.6	2.0	1.
6.3	21.7	1840.8	825.0	13.6	-4.4	159.9	1.7	-0.6	1.6	303.4	313.2	3.4	28.6	2.2	1.
7.3	24.2	2099.9	800.0	12.7	1.9	214.7	0.9	0.5	0.7	305.4	321.1	5.5	47.8	2.2	1.
8.1	26.5	2365.8	775.0	10.9	0.5	229.2	2.0	1.5	1.3	306.2	320.9	5.1	48.7	2.3	2.
9.0	29.1	2638.3	750.0	8.9	-2.0	236.3	3.3	2.7	1.8	306.8	319.7	4.4	46.4	2.4	5.
10.1	31.7	2918.7	725.0	8.5	-11.8	242.2	3.2	2.8	1.5	309.0	315.5	2.1	22.3	2.5	9.
11.0	34.3	3208.3	700.0	7.2	-8.0	265.1	2.9	2.9	0.2	310.9	319.9	3.0	33.0	2.6	12.
12.0	36.8	3506.1	675.0	5.3	-17.7	313.8	3.7	2.7	-2.6	311.7	316.3	1.4	17.4	2.6	17.
13.1	39.6	3813.5	650.0	3.4	-6.8	350.3	6.5	1.1	-6.4	313.3	324.0	3.5	47.0	2.4	22.
14.1	42.1	4130.3	625.0	0.7	-9.3	349.2	7.2	1.4	-7.1	313.6	322.8	3.0	47.2	1.9	28.
15.3	45.0	4456.7	600.0	-1.6	-12.8	336.4	7.4	2.9	-6.8	314.5	321.9	2.4	42.0	1.6	40.
16.5	47.9	4794.3	575.0	-3.9	-10.8	326.9	9.7	5.3	-8.1	315.8	324.8	2.9	58.6	1.5	59.
17.7	50.8	5144.8	550.0	-5.8	-12.1	324.7	13.1	7.5	-10.7	317.6	326.1	2.7	60.7	1.8	88.
18.8	53.9	5507.8	525.0	-8.5	-12.9	321.4	14.1	8.8	-11.0	318.5	327.0	2.7	70.5	2.5	107.
20.1	56.8	5884.7	500.0	-10.9	-16.0	315.5	13.4	9.4	-9.6	320.0	327.0	2.2	66.2	3.4	116.
21.4	60.0	6276.9	475.0	-13.6	-18.7	311.5	14.3	10.8	-9.5	321.4	327.3	1.8	65.2	4.5	120.
22.9	63.4	6686.2	450.0	-16.4	-22.1	307.5	14.9	11.8	-9.1	322.8	327.5	1.4	60.8	5.7	122.
24.4	66.6	7114.1	425.0	-19.4	-26.3	299.9	16.6	14.4	-8.3	324.2	327.7	1.0	54.2	7.2	123.
26.0	70.1	7562.4	400.0	-21.9	-31.9	288.0	16.2	15.4	-5.0	326.5	328.8	0.7	39.9	8.7	121.
27.7	73.7	8033.9	375.0	-25.5	-37.9	297.7	18.4	16.3	-8.6	327.8	329.2	0.4	30.3	10.5	119.
29.4	77.6	8530.7	350.0	-29.1	-42.6	300.2	21.6	18.7	-10.9	329.5	330.4	0.2	25.6	12.5	120.
31.2	81.3	9055.5	325.0	-33.1	-46.3	295.0	23.4	21.2	-9.9	330.9	331.6	0.2	24.9	14.9	119.
33.1	85.6	9612.8	300.0	-38.3	99.9	292.7	23.1	21.3	-8.9	331.3	999.9	99.9	999.9	17.6	118.
35.2	90.0	10203.8	275.0	-43.3	99.9	299.1	26.4	23.0	-12.8	332.6	999.9	99.9	999.9	20.3	118.
37.5	94.8	10839.4	250.0	-48.0	99.9	298.4	36.4	32.0	-17.3	334.7	999.9	99.9	999.9	25.0	118.
40.2	99.6	11526.5	225.0	-53.5	99.9	296.9	51.5	45.9	-23.3	336.6	999.9	99.9	999.9	31.6	118.
42.8	104.8	12276.1	200.0	-58.3	99.9	287.0	33.5	32.1	-5.8	340.4	999.9	99.9	999.9	37.6	117.
45.6	110.6	13106.3	175.0	-61.4	99.9	290.8	31.7	29.6	-11.2	348.6	999.9	99.9	999.9	43.4	116.
48.9	116.8	14063.8	150.0	-61.6	99.9	301.6	29.9	25.5	-15.7	363.9	999.9	99.9	999.9	49.2	116.
52.8	124.0	15185.0	125.0	-65.8	99.9	287.3	23.0	22.0	-6.9	375.8	999.9	99.9	999.9	54.7	116.
57.2	132.0	16529.7	100.0	-67.9	99.9	307.5	18.5	14.7	-11.2	366.5	999.9	99.9	999.9	61.6	116.
62.7	140.7	18237.3	75.0	-69.0	99.9	306.5	10.2	8.2	-6.1	428.4	999.9	99.9	999.9	64.8	116.
70.1	150.0	20704.9	50.0	-58.5	99.9	58.2	7.8	-7.7	1.1	505.6	999.9	99.9	999.9	65.3	117.
82.4	166.5	25134.7	25.0	-52.1	99.9	345.4	0.4	0.1	-0.3	635.2	999.9	99.9	999.9	65.4	118.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1815 GMT

159 30. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	140.0	1002.4	24.0	18.2	200.0	7.7	2.6	7.2	298.7	333.7	13.3	70.0	6.0	0.
0.1	6.4	161.0	1000.0	23.6	17.7	199.8	8.6	2.9	8.1	298.5	332.5	12.9	69.3	0.1	5.
0.9	8.8	381.5	975.0	20.7	16.2	197.3	9.9	2.9	9.4	297.6	329.1	12.0	75.5	0.7	19.
2.0	11.0	605.8	950.0	18.3	14.3	203.9	12.3	5.0	11.2	297.2	325.9	10.8	77.5	1.3	18.
2.9	13.5	834.8	925.0	17.7	12.1	216.6	13.3	7.9	10.7	298.7	324.7	9.7	69.7	2.0	23.
4.0	15.8	1069.0	900.0	16.5	10.6	219.8	16.0	10.2	12.3	299.7	323.9	8.9	68.0	2.9	28.
5.0	18.3	1308.5	875.0	14.9	9.7	226.9	15.5	11.3	10.6	300.4	324.0	8.7	71.0	3.9	31.
6.0	20.8	1553.8	850.0	13.5	10.7	236.9	14.2	11.9	7.7	301.5	327.6	9.6	83.6	4.7	35.
7.0	23.3	1805.0	825.0	12.0	8.4	239.4	16.1	13.9	8.2	302.4	325.5	8.4	78.7	5.5	39.
8.0	25.8	2062.5	800.0	10.8	0.2	240.0	20.2	17.5	10.1	303.3	317.3	4.9	48.5	6.5	42.
9.2	28.4	2327.0	775.0	10.1	-1.2	253.3	20.4	19.5	5.9	305.2	318.3	4.5	45.5	7.9	47.
10.4	31.2	2600.1	750.0	10.3	-6.8	258.8	23.8	23.3	4.6	308.1	317.2	3.1	29.3	9.3	52.
11.4	34.0	2881.3	725.0	9.3	-11.9	258.1	20.8	20.4	4.3	310.0	316.4	2.1	20.9	10.6	55.
12.5	36.6	3171.3	700.0	8.0	-11.0	255.1	19.4	18.8	5.0	311.7	318.9	2.4	24.6	11.8	58.
13.7	39.5	3470.4	675.0	6.2	-10.8	252.4	19.2	18.3	5.8	312.9	320.5	2.5	28.4	13.1	59.
14.8	42.1	3778.1	650.0	3.4	-11.7	251.4	21.2	20.1	6.8	313.1	320.5	2.4	32.1	14.5	61.
16.2	45.1	4095.0	625.0	1.2	-13.8	254.6	19.9	19.1	5.3	314.0	320.6	2.1	31.7	16.0	62.
17.9	48.2	4421.8	600.0	-1.8	-12.8	261.6	21.0	20.7	3.1	314.3	321.7	2.4	42.8	18.1	64.
19.5	51.1	4758.8	575.0	-4.8	-10.4	267.7	20.1	20.1	0.8	314.2	324.0	3.0	64.5	19.9	65.
20.9	54.3	5109.1	550.0	-6.3	-12.3	272.5	19.6	19.6	-0.9	316.9	325.3	2.7	62.6	21.5	67.
22.3	57.3	5469.8	525.0	-10.1	-13.7	273.4	18.7	18.7	-1.1	316.5	324.5	2.5	75.1	23.0	69.
23.8	60.7	5843.9	500.0	-13.3	-21.3	274.7	21.6	21.5	-1.8	316.9	321.4	1.4	50.7	24.5	71.
25.1	64.1	6232.6	475.0	-15.1	-36.4	279.4	20.6	20.3	-3.4	319.3	320.5	0.3	14.1	26.3	72.
26.6	67.4	6639.4	450.0	-17.7	-38.4	279.4	20.5	20.2	-3.3	320.9	322.0	0.3	14.3	27.8	74.
28.5	70.9	7064.6	425.0	-20.6	-40.7	276.5	20.1	20.0	-2.3	322.5	323.4	0.3	14.6	30.1	76.
30.4	74.6	7510.0	400.0	-24.2	-43.4	280.0	21.1	20.8	-3.7	323.5	324.2	0.2	14.9	32.1	78.
32.5	78.6	7977.3	375.0	-27.8	-46.2	273.4	23.7	23.7	-1.4	324.8	325.4	0.2	15.2	34.7	79.
34.8	82.5	8469.6	350.0	-31.5	-49.2	275.2	20.4	20.3	-1.8	326.1	326.6	0.1	15.5	37.3	80.
36.8	86.4	8989.2	325.0	-35.8	-52.6	274.3	25.4	25.3	-1.9	327.3	327.6	0.1	15.8	40.3	82.
39.0	90.8	9540.5	300.0	-40.2	99.9	274.3	24.5	24.4	-1.8	328.7	999.9	99.9	999.9	43.5	82.
41.4	95.5	10128.6	275.0	-45.0	99.9	279.4	22.5	22.2	-3.7	330.0	999.9	99.9	999.9	47.1	83.
43.9	100.2	10757.7	250.0	-50.4	99.9	277.6	25.8	25.5	-3.4	331.2	999.9	99.9	999.9	50.7	85.
46.7	105.4	11438.8	225.0	-54.6	99.9	282.4	29.2	28.6	-6.3	334.9	999.9	99.9	999.9	55.2	86.
49.8	110.6	12186.2	200.0	-58.2	99.9	290.7	21.7	20.3	-7.7	340.6	999.9	99.9	999.9	59.8	87.
53.0	116.5	13023.2	175.0	-61.1	99.9	262.3	25.1	24.9	3.3	349.0	999.9	99.9	999.9	63.9	88.
56.8	123.3	13984.5	150.0	-59.1	99.9	272.4	35.8	35.7	-1.5	368.3	999.9	99.9	999.9	71.1	88.
60.9	130.3	15123.5	125.0	-61.1	99.9	265.9	24.5	24.5	1.7	384.3	999.9	99.9	999.9	78.3	89.
65.8	138.0	16487.6	100.0	-66.2	99.9	270.9	23.4	23.4	-0.4	399.9	999.9	99.9	999.9	85.7	89.
72.0	146.3	18220.7	75.0	-69.8	99.9	273.8	18.4	18.4	-1.2	426.5	999.9	99.9	999.9	91.4	89.
80.4	155.7	20710.5	50.0	-58.2	99.9	232.1	4.0	3.2	2.5	506.4	999.9	99.9	999.9	92.1	89.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 232
BOOTHVILLE, LA

24 APRIL 1975
1726 GMT

162 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CMP M/SEC	V CMP 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	1019.0	25.6	23.3	170.0	6.7	-1.2	6.6	299.6	346.6	18.0	87.0	0.0	0.
0.8	6.2	166.6	1000.0	23.5	21.4	160.9	10.3	-3.4	9.8	298.8	341.3	16.3	88.1	0.4	339.
1.6	8.5	387.9	975.0	21.2	19.9	167.8	11.6	-2.5	11.4	298.5	338.3	15.2	92.4	1.0	341.
2.5	10.8	613.2	950.0	20.0	18.3	176.6	12.5	-0.7	12.5	299.4	336.7	14.1	89.9	1.6	346.
3.4	13.3	843.6	925.0	19.2	14.0	180.1	11.1	0.0	11.1	300.4	329.8	10.9	71.6	2.3	350.
4.2	15.6	1079.4	900.0	18.3	12.2	181.8	11.4	0.4	11.4	301.7	328.8	10.0	67.4	2.8	352.
5.2	18.0	1320.6	875.0	17.2	9.9	195.5	7.7	2.0	7.4	302.9	327.0	8.8	61.9	3.4	354.
6.2	20.5	1568.2	850.0	16.7	6.6	196.9	6.5	1.9	6.2	304.6	324.8	7.2	51.3	3.7	357.
7.2	23.0	1822.3	825.0	16.0	3.6	201.9	6.0	2.3	5.6	306.3	323.4	6.0	43.5	4.1	359.
8.3	25.5	2082.9	800.0	14.0	0.7	211.6	5.9	3.1	5.0	306.7	321.2	5.0	40.2	4.4	1.
9.2	28.1	2349.8	775.0	12.6	-1.8	215.0	5.8	3.3	4.8	307.9	320.6	4.3	36.7	4.7	3.
10.3	30.9	2624.5	750.0	11.7	-5.0	209.7	5.0	2.5	4.4	309.8	320.2	3.5	30.5	5.0	6.
11.3	33.6	2907.9	725.0	11.8	-14.7	208.3	2.4	1.1	2.1	312.6	317.9	1.7	14.2	5.3	7.
12.3	36.1	3200.2	700.0	10.4	-18.1	12.6	0.9	-0.2	-0.9	314.2	318.4	1.3	11.7	5.3	7.
13.4	39.0	3501.1	675.0	8.0	-16.8	54.7	0.9	-0.7	-0.5	314.7	319.6	1.5	15.3	5.2	6.
14.6	41.7	3810.9	650.0	5.5	-17.6	343.2	1.3	0.4	-1.2	315.4	320.1	1.5	16.9	5.2	6.
15.8	44.6	4129.4	625.0	2.4	-17.2	308.9	1.1	0.9	-0.7	315.4	320.5	1.6	21.9	5.0	7.
17.1	47.6	4457.5	600.0	-0.6	-15.1	270.8	1.2	1.2	-0.0	315.5	321.9	2.0	32.4	5.0	8.
18.2	50.6	4796.1	575.0	-3.4	-11.6	246.2	2.3	2.1	0.9	316.3	324.8	2.7	53.1	5.1	9.
19.5	53.6	5146.3	550.0	-5.7	-12.3	245.8	4.4	4.1	1.8	317.7	326.1	2.7	59.2	5.2	11.
20.8	56.6	5509.3	525.0	-8.4	-15.9	258.1	6.8	6.6	1.4	318.5	325.2	2.1	55.0	5.5	15.
22.1	59.9	5886.0	500.0	-11.2	-17.7	260.1	8.9	8.8	1.5	319.6	325.7	1.9	58.6	5.7	21.
23.6	63.3	6279.2	475.0	-12.5	-27.3	261.3	12.7	12.5	1.9	322.5	325.4	0.9	27.7	6.3	28.
24.8	66.5	6689.7	450.0	-15.7	-29.2	265.7	13.0	12.9	1.0	323.6	326.2	0.7	30.0	6.9	35.
26.4	70.0	7117.9	425.0	-19.1	-28.0	268.0	13.9	13.9	0.5	324.6	327.6	0.9	44.9	7.6	42.
27.9	73.5	7566.5	400.0	-22.0	-35.5	270.2	18.2	18.2	-0.1	326.3	328.0	0.5	28.1	8.7	49.
29.5	77.3	8037.8	375.0	-25.8	-35.5	274.1	20.9	20.8	-1.5	327.4	329.1	0.5	39.7	10.2	57.
31.1	81.1	8533.7	350.0	-29.9	-40.4	277.3	20.4	20.2	-2.6	328.4	329.6	0.3	34.6	11.8	62.
32.7	85.3	9057.4	325.0	-34.3	-45.4	283.8	21.8	21.2	-5.2	329.4	330.1	0.2	31.1	13.5	68.
34.8	89.4	9613.2	300.0	-37.4	-45.2	284.4	30.8	29.8	-7.6	332.6	333.5	0.2	43.4	16.1	75.
37.1	94.0	10209.4	275.0	-41.6	99.9	282.2	30.6	29.9	-6.4	335.0	999.9	99.9	999.9	20.1	81.
39.2	98.6	10848.6	250.0	-47.4	99.9	276.1	31.2	31.0	-3.3	335.6	999.9	99.9	999.9	23.7	84.
41.4	103.4	11536.3	225.0	-53.2	99.9	277.4	32.1	31.8	-4.1	336.9	999.9	99.9	999.9	27.8	85.
43.8	109.0	12283.0	200.0	-59.6	99.9	286.9	32.6	31.2	-5.5	338.4	999.9	99.9	999.9	32.3	86.
46.7	114.7	13110.0	175.0	-63.5	99.9	282.7	25.8	25.2	-5.7	345.2	999.9	99.9	999.9	37.1	91.
49.9	121.0	14060.6	150.0	-61.0	99.9	274.6	35.3	35.1	-2.8	365.0	999.9	99.9	999.9	42.7	91.
53.5	127.8	15185.8	125.0	-64.6	99.9	259.6	22.4	22.0	4.1	378.0	999.9	99.9	999.9	49.0	91.
58.0	135.7	16536.4	100.0	-69.1	99.9	271.9	13.1	13.1	-0.4	394.2	999.9	99.9	999.9	54.1	91.
63.7	143.3	18233.8	75.0	-70.0	99.9	280.0	11.9	11.7	-2.1	426.2	999.9	99.9	999.9	57.8	91.
71.5	152.0	20717.8	50.0	-58.8	99.9	311.5	3.5	2.6	-2.3	505.1	999.9	99.9	999.9	58.5	92.
84.8	162.0	25163.4	25.0	-50.6	99.9	32.4	4.9	-2.6	-4.2	639.2	999.9	99.9	999.9	56.1	94.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
1715 GMT

164 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	100.0	1006.0	27.8	19.3	210.0	6.2	3.1	5.4	302.4	340.3	14.2	60.0	0.0	0.
0.2	4.8	153.0	1000.0	25.8	18.1	196.5	9.1	2.6	8.7	300.8	336.0	13.2	62.5	0.2	360.
1.0	6.7	375.4	975.0	23.3	16.7	190.7	9.5	1.8	9.4	300.3	333.2	12.4	66.3	0.6	6.
1.9	9.0	601.7	950.0	21.2	15.9	197.9	10.3	3.2	9.8	300.3	332.5	12.0	71.5	1.1	9.
2.5	11.0	832.3	925.0	19.0	15.8	203.8	11.7	4.7	10.7	300.4	333.4	12.4	82.0	1.5	12.
3.3	13.3	1067.7	900.0	16.8	14.1	208.3	11.1	5.3	9.8	300.3	330.7	11.3	84.1	2.0	17.
4.3	15.5	1307.7	875.0	14.7	12.5	215.8	13.0	7.6	10.6	300.5	328.7	10.5	86.6	2.7	19.
5.1	17.7	1552.8	850.0	14.2	8.0	238.9	14.7	12.6	7.6	302.1	324.2	8.1	67.5	3.3	25.
6.1	20.1	1805.5	825.0	14.5	2.9	251.5	18.8	17.9	6.0	304.7	321.0	5.7	45.5	4.1	35.
7.1	22.3	2065.1	800.0	13.0	1.6	247.0	19.6	18.1	7.7	305.7	321.0	5.4	45.8	5.1	42.
8.2	24.7	2331.6	775.0	12.9	-2.4	256.6	19.7	19.2	4.6	308.2	320.3	4.1	34.5	6.3	47.
9.1	27.0	2606.7	750.0	12.6	-6.8	266.9	17.5	17.5	1.0	310.7	319.9	3.1	25.1	7.2	53.
10.0	29.5	2890.2	725.0	10.7	-8.9	265.7	15.1	15.1	1.1	311.5	319.7	2.7	24.2	7.9	57.
11.1	32.1	3181.3	700.0	8.9	-10.6	251.9	15.0	14.2	4.6	312.7	320.1	2.4	23.9	8.8	59.
12.2	34.9	3480.9	675.0	6.6	-10.6	241.9	16.2	14.3	7.6	313.3	321.1	2.5	28.1	9.8	60.
13.2	37.4	3790.0	650.0	5.1	-10.5	244.6	17.1	15.5	7.3	315.1	323.3	2.7	31.3	10.8	60.
14.4	40.2	4108.5	625.0	2.4	-12.9	255.3	16.2	15.7	4.1	315.4	322.5	2.3	31.3	12.0	61.
15.4	43.0	4436.4	600.0	-0.8	-14.8	264.4	15.9	15.8	1.6	315.5	321.8	2.0	33.7	12.9	62.
16.7	46.0	4774.6	575.0	-3.8	-11.1	263.8	19.6	19.5	2.1	315.9	324.7	2.9	56.7	14.2	64.
17.9	49.0	5123.5	550.0	-7.3	-12.6	262.5	19.2	19.0	2.5	315.8	324.0	2.6	65.5	15.5	66.
19.2	52.0	5484.7	525.0	-9.6	-11.9	266.5	18.3	18.3	1.1	317.2	326.2	2.9	83.0	17.0	67.
20.4	55.2	5860.0	500.0	-12.7	-14.7	268.6	20.1	20.1	0.5	317.8	325.5	2.5	85.1	18.3	69.
21.9	58.4	6249.8	475.0	-15.0	-23.2	269.5	21.8	21.8	0.2	319.5	323.9	1.3	54.3	19.9	71.
23.3	62.0	6657.3	450.0	-17.2	-34.6	269.9	20.7	20.7	0.0	321.6	323.2	0.4	20.3	21.7	72.
24.7	65.6	7082.9	425.0	-20.7	-37.4	267.1	19.9	19.9	1.0	322.4	323.7	0.4	20.5	23.5	74.
26.3	69.3	7528.6	400.0	-23.7	-39.9	266.3	20.5	20.5	1.3	324.1	325.2	0.3	20.7	25.2	75.
28.0	73.0	7996.5	375.0	-27.5	-43.0	263.0	20.6	20.4	2.5	325.2	326.0	0.2	20.9	27.3	75.
29.7	77.2	8488.6	350.0	-32.0	-46.7	263.9	23.1	22.9	2.5	325.6	326.2	0.2	21.2	29.4	76.
31.4	81.3	9007.3	325.0	-36.4	-50.5	262.8	22.6	22.4	2.9	326.5	326.9	0.1	21.5	32.0	76.
33.4	85.7	9557.5	300.0	-40.7	99.9	268.0	23.9	23.9	0.8	328.0	999.9	99.9	999.9	34.3	77.
35.4	90.6	10143.5	275.0	-45.7	99.9	273.1	25.6	25.6	-1.4	329.0	999.9	99.9	999.9	37.3	78.
37.5	95.6	10771.6	250.0	-50.6	99.9	275.3	28.4	28.2	-2.6	330.9	999.9	99.9	999.9	40.7	80.
39.9	101.0	11451.5	225.0	-54.7	99.9	279.3	30.8	30.4	-5.0	334.6	999.9	99.9	999.9	45.0	81.
42.7	107.0	12198.6	200.0	-58.1	99.9	281.2	25.8	25.3	-5.0	340.7	999.9	99.9	999.9	49.9	83.
45.5	113.3	13037.0	175.0	-58.2	99.9	264.1	29.8	29.6	3.1	353.9	999.9	99.9	999.9	54.1	84.
48.8	120.3	14004.2	150.0	-60.2	99.9	272.4	27.6	27.5	-1.2	366.4	999.9	99.9	999.9	60.1	84.
52.6	128.0	15130.9	125.0	-63.7	99.9	273.9	27.6	27.5	-1.9	379.6	999.9	99.9	999.9	66.6	85.
57.1	136.7	16483.9	100.0	-68.0	99.9	266.4	22.0	22.0	1.4	396.3	999.9	99.9	999.9	73.6	85.
62.7	145.0	18206.8	75.0	-67.8	99.9	281.4	13.2	13.0	-2.6	430.7	999.9	99.9	999.9	78.4	85.
70.4	154.3	20705.5	50.0	-57.7	99.9	326.1	8.5	4.8	-7.1	507.7	999.9	99.9	999.9	80.5	85.
82.4	164.0	25150.5	25.0	-50.5	99.9	254.9	3.7	3.6	1.0	639.5	999.9	99.9	999.9	81.4	86.

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

STATION NO. 240
LAKE CHARLES, LA

24 APRIL 1975
1715 GMT

157 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP 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	5.0	1017.3	26.7	22.3	160.0	8.8	-3.0	8.3	300.7	345.4	17.0	77.0	0.0	0.
0.8	4.7	157.0	1000.0	25.4	21.3	170.6	12.4	-2.0	12.2	300.7	343.5	16.2	78.1	0.6	352.
1.8	6.4	379.1	975.0	22.0	19.9	173.4	12.1	-1.4	12.0	299.3	339.2	15.2	87.9	1.3	351.
2.7	8.3	604.9	950.0	20.2	17.3	185.1	14.9	1.3	14.8	299.5	334.7	13.3	83.7	2.0	354.
3.4	10.3	835.9	925.0	20.8	13.5	188.0	16.5	2.3	16.3	302.0	330.6	10.6	63.0	2.7	357.
4.3	12.1	1072.6	900.0	19.5	10.5	190.8	12.9	2.4	12.7	302.8	327.3	8.9	56.0	3.5	0.
5.3	14.2	1314.7	875.0	17.3	9.7	186.9	12.4	1.5	12.3	303.0	326.9	8.7	60.9	4.2	2.
6.2	16.1	1561.8	850.0	15.6	7.9	189.1	13.2	2.1	13.1	303.6	325.5	7.9	60.2	4.9	2.
7.2	18.2	1815.1	825.0	14.8	5.2	196.4	13.4	3.8	12.9	305.1	324.1	6.8	52.8	5.7	4.
8.3	20.3	2075.3	800.0	13.8	4.2	205.3	12.2	5.2	11.0	306.7	325.1	6.5	52.1	6.4	6.
9.2	22.4	2342.6	775.0	12.7	-0.7	209.2	14.3	7.0	12.5	308.1	321.9	4.8	39.8	7.1	8.
10.1	24.7	2617.9	750.0	13.5	-13.8	216.1	12.6	7.4	10.2	311.4	316.9	1.7	13.6	7.9	10.
11.1	26.8	2902.5	725.0	12.6	-12.7	223.4	11.1	7.7	8.1	313.6	319.8	2.0	15.9	8.4	13.
12.1	29.3	3196.0	700.0	11.0	-10.1	219.9	11.8	7.6	9.0	315.0	322.9	2.5	21.6	9.0	15.
13.1	31.8	3498.0	675.0	8.8	-11.8	218.1	11.8	7.3	9.2	315.8	323.0	2.3	21.8	9.7	17.
14.1	34.3	3808.7	650.0	6.2	-11.7	218.3	11.1	6.9	8.7	316.3	323.8	2.4	26.3	10.3	18.
15.1	36.8	4128.7	625.0	3.6	-13.9	230.2	8.9	6.8	5.7	316.8	323.4	2.1	26.4	10.9	19.
16.2	39.5	4458.6	600.0	0.8	-16.2	245.7	7.5	6.8	3.1	317.3	323.0	1.8	26.5	11.3	21.
17.3	42.1	4799.6	575.0	-2.0	-19.6	237.2	8.0	6.7	4.3	317.8	322.4	1.4	24.7	11.6	23.
18.6	45.0	5150.9	550.0	-4.1	-11.7	220.7	10.2	6.6	7.7	319.5	328.4	2.8	55.4	12.3	24.
19.7	48.0	5515.6	525.0	-7.6	-13.2	224.5	10.1	7.1	7.2	319.6	327.9	2.6	64.1	12.9	25.
21.0	51.0	5893.5	500.0	-10.5	-20.5	243.4	9.6	8.6	4.3	320.4	325.3	1.5	43.5	13.6	26.
22.3	54.3	6286.6	475.0	-12.9	-28.3	255.4	13.1	12.7	3.3	322.0	324.7	0.8	26.3	14.2	29.
23.5	57.4	6696.6	450.0	-16.0	-25.5	250.3	15.6	14.7	5.3	323.3	326.8	1.1	43.3	15.1	32.
24.9	60.9	7124.0	425.0	-19.7	-33.7	251.2	17.2	16.3	5.6	323.8	325.6	0.5	27.2	16.1	35.
26.4	64.7	7571.7	400.0	-22.9	-33.6	254.0	20.3	19.5	5.6	325.2	327.2	0.6	37.0	17.5	38.
28.1	68.3	8040.9	375.0	-27.0	-46.0	251.2	20.6	20.3	3.1	325.8	326.7	0.3	23.3	19.1	42.
30.0	72.2	8536.3	350.0	-29.7	-62.6	254.4	20.1	20.0	1.9	328.6	328.6	0.0	2.4	20.9	46.
31.9	76.4	9060.2	325.0	-34.0	-56.0	274.7	23.0	23.0	-1.9	329.7	330.0	0.1	8.7	22.6	50.
33.7	80.7	9617.4	300.0	-36.8	-46.7	276.0	31.6	31.4	-3.3	333.4	334.1	0.2	34.8	24.7	55.
35.5	85.5	10214.1	275.0	-41.4	99.9	273.6	34.9	34.8	-2.2	335.3	999.9	99.9	999.9	27.9	60.
37.6	90.4	10853.7	250.0	-46.7	99.9	274.8	33.8	33.7	-2.9	336.6	999.9	99.9	999.9	31.4	55.
39.7	95.8	11543.2	225.0	-52.7	99.9	276.7	36.5	36.3	-4.3	337.8	999.9	99.9	999.9	35.4	68.
42.1	101.5	12293.2	200.0	-58.8	99.9	281.2	36.9	36.2	-7.2	339.7	999.9	99.9	999.9	40.0	72.
44.9	108.0	13123.3	175.0	-62.5	99.9	291.1	45.0	41.9	-16.2	346.6	999.9	99.9	999.9	46.1	77.
47.9	114.8	14072.7	150.0	-61.9	99.9	266.6	32.7	32.6	2.0	363.5	999.9	99.9	999.9	51.2	80.
51.7	122.3	15203.6	125.0	-62.9	99.9	256.1	18.2	17.7	4.4	381.1	999.9	99.9	999.9	57.7	81.
55.9	130.3	16556.2	100.0	-68.4	99.9	270.7	14.5	14.5	-0.2	395.6	999.9	99.9	999.9	62.9	81.
61.4	138.8	18273.8	75.0	-68.0	99.9	261.6	15.9	15.7	2.3	430.5	999.9	99.9	999.9	66.6	81.
69.4	147.3	20778.9	50.0	-59.6	99.9	53.5	0.8	-0.6	-0.5	503.1	999.9	99.9	999.9	68.3	81.
81.8	156.0	22232.3	25.0	-51.8	99.9	319.0	4.1	2.7	-3.1	635.6	999.9	99.9	999.9	68.4	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. 248
SHREVEPORT, LA

24 APRIL 1975
1801 GMT

162 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	79.0	1005.4	27.2	16.8	190.0	7.2	1.3	7.1	301.5	334.0	12.1	53.0	0.0	0.
0.1	4.6	126.8	1000.0	27.0	17.0	180.6	10.2	0.1	10.2	301.8	334.8	12.3	54.4	0.2	7.
1.0	6.3	350.3	975.0	25.1	16.0	175.6	9.8	-0.2	9.8	302.0	333.8	11.8	57.0	0.7	5.
1.8	8.3	578.2	950.0	23.3	15.9	194.6	7.7	1.9	7.4	302.5	335.0	12.1	63.2	1.0	5.
2.8	10.3	810.5	925.0	20.9	14.3	200.5	9.7	3.4	9.0	302.2	332.4	11.2	66.2	1.5	10.
3.9	12.2	1047.2	900.6	19.2	12.8	212.0	11.4	6.0	9.7	302.7	331.0	10.4	66.4	2.2	15.
4.9	14.3	1289.1	875.0	17.7	8.6	215.7	15.4	9.0	12.5	303.2	325.5	8.1	55.3	2.9	19.
5.7	16.3	1537.0	850.0	17.4	7.2	224.2	16.5	12.9	13.3	305.4	326.5	7.5	51.2	3.8	24.
6.6	18.5	1791.6	825.0	15.6	7.4	227.0	20.0	14.6	13.6	306.2	328.3	7.9	58.2	4.7	29.
7.5	20.6	2052.3	800.0	14.0	3.5	225.8	19.5	14.0	13.6	306.9	324.4	6.2	49.1	5.9	32.
8.7	22.7	2319.4	775.0	12.5	1.2	237.4	18.8	15.8	10.1	308.0	323.5	5.4	45.9	7.1	35.
9.9	25.1	2594.0	750.0	11.7	-7.3	252.0	16.6	15.8	4.9	305.7	318.5	2.9	25.6	8.3	40.
11.0	27.3	2976.4	725.0	9.9	-15.0	246.8	11.7	10.8	4.6	310.5	315.7	1.7	15.8	9.2	44.
12.1	29.7	3167.5	700.0	9.8	-16.1	213.0	7.3	4.0	6.1	313.5	318.4	1.6	14.4	9.7	44.
13.3	32.2	3468.4	675.0	8.2	-19.1	206.4	9.6	4.3	8.6	314.9	319.0	1.3	12.6	10.2	43.
14.6	34.9	3778.3	650.0	6.1	-19.7	223.0	12.1	8.2	8.9	316.0	320.0	1.2	13.7	11.1	42.
15.8	37.2	4098.0	625.0	3.6	-19.5	230.5	12.3	9.5	7.8	316.7	321.0	1.3	16.5	12.0	43.
17.1	40.0	4427.3	600.0	0.7	-22.7	239.7	13.4	11.6	6.8	317.0	320.4	1.0	15.3	12.9	43.
18.5	42.5	4767.2	575.0	-2.6	-23.9	252.9	13.7	13.1	4.0	317.1	320.3	1.0	17.5	14.0	45.
20.0	45.3	5117.4	550.0	-5.7	-28.4	259.2	14.0	13.7	2.6	317.3	319.6	0.7	14.7	15.1	48.
21.4	48.3	5479.9	525.0	-8.7	-37.2	253.2	14.5	13.9	4.2	317.9	319.0	0.3	7.8	16.1	50.
23.0	51.1	5855.4	500.0	-12.0	-39.9	245.9	16.8	15.3	6.8	318.3	319.2	0.2	7.0	17.5	51.
24.5	54.2	6246.3	475.0	-14.1	-43.0	250.8	21.4	20.2	7.1	320.5	321.2	0.2	6.5	19.1	53.
26.1	57.1	6654.5	450.0	-16.8	-45.9	251.9	21.3	20.2	6.6	322.0	322.5	0.1	5.9	21.3	55.
27.8	60.4	7081.2	425.0	-19.6	-47.5	254.1	18.0	17.3	4.9	323.9	324.3	0.1	6.3	23.2	56.
29.6	64.0	7528.1	400.0	-23.3	-45.8	254.0	19.2	18.4	5.3	324.6	325.0	0.1	6.7	25.0	56.
31.4	67.4	7997.1	375.0	-27.1	-52.1	258.8	20.6	20.2	4.0	325.7	326.0	0.1	7.1	27.0	59.
33.3	71.0	8490.5	350.0	-30.6	-54.4	259.5	18.4	18.1	3.4	327.4	327.7	0.1	7.6	29.0	61.
35.3	75.0	9012.6	325.0	-34.8	-57.2	262.2	27.2	26.9	3.7	328.6	328.8	0.0	8.1	31.9	62.
37.7	79.2	9566.0	300.0	-39.7	99.9	268.8	25.0	25.0	0.5	329.3	999.9	99.9	999.9	34.9	65.
40.0	83.5	10154.8	275.0	-44.5	99.9	266.1	31.2	31.1	2.1	330.8	999.9	99.9	999.9	38.7	67.
42.4	88.0	10787.3	250.0	-48.9	99.9	277.1	35.4	35.2	-4.4	333.3	999.9	99.9	999.9	42.9	69.
45.0	93.2	11471.1	225.0	-54.5	99.9	275.1	41.6	41.5	-3.7	335.1	999.9	99.9	999.9	48.7	73.
47.8	98.5	12217.2	200.0	-59.7	99.9	279.1	40.1	39.6	-6.3	338.3	999.9	99.9	999.9	54.7	76.
50.9	104.3	13042.9	175.0	-63.9	99.9	281.5	37.8	37.1	-7.5	344.4	999.9	99.9	999.9	62.0	79.
54.6	111.0	13994.6	150.0	-60.1	99.9	260.8	28.5	28.1	4.5	366.5	999.9	99.9	999.9	69.5	80.
58.7	118.7	15131.7	125.0	-62.2	99.9	268.6	31.0	31.0	0.8	382.3	999.9	99.9	999.9	78.0	80.
63.5	127.7	16494.2	100.0	-67.3	99.9	269.5	22.0	22.0	0.2	397.7	999.9	99.9	999.9	84.4	81.
69.8	138.0	18225.9	75.0	-68.1	99.9	271.8	9.2	9.2	-0.3	430.2	999.9	99.9	999.9	89.4	81.
78.4	148.7	20719.6	50.0	-55.7	99.9	283.1	12.8	12.5	-2.9	512.2	999.9	99.9	999.9	92.8	81.
92.3	159.5	25171.5	25.0	-51.1	99.9	7.5	3.2	-0.4	-3.1	637.8	999.9	99.9	999.9	92.3	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. 255
VICTORIA, TEX

24 APRIL 1975
1715 GMT

160 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.1	33.0	1009.6	29.5	21.4	180.0	11.3	0.0	11.3	304.0	347.4	16.2	62.0	0.0	0.
0.2	4.9	118.1	1000.0	26.9	19.5	999.9	99.9	99.9	99.9	302.1	340.8	14.5	64.0	999.9	99.
0.7	6.8	341.7	975.0	24.7	18.8	999.9	99.9	99.9	99.9	301.9	339.9	14.2	70.1	999.9	99.
1.5	9.0	509.3	950.0	22.0	17.8	999.9	99.9	99.9	99.9	301.8	338.2	13.7	75.3	999.9	99.
2.2	11.0	801.2	925.0	20.4	17.2	188.7	14.1	2.1	13.9	301.9	338.2	13.5	82.3	1.4	1.
3.1	13.3	1037.9	900.0	18.8	12.6	190.3	19.2	3.4	18.9	302.3	330.4	10.3	67.4	2.3	4.
4.0	15.5	1279.9	875.0	18.1	8.9	187.9	18.9	2.6	18.7	303.8	326.5	8.2	54.8	3.5	6.
4.8	17.8	1527.7	850.0	17.3	4.0	182.0	15.5	0.6	15.5	305.1	322.2	6.1	41.6	4.3	6.
5.6	20.2	1782.0	825.0	15.8	-0.7	177.2	16.5	-0.8	16.4	305.9	318.6	4.4	32.4	5.0	5.
5.4	22.5	2043.0	800.0	15.9	-7.9	182.8	15.9	0.8	15.9	308.4	316.5	2.7	18.9	5.8	4.
7.4	25.0	2212.6	775.0	16.7	-14.4	189.1	15.6	2.5	15.4	312.0	317.1	1.6	10.6	6.7	4.
8.4	27.3	2590.8	750.0	15.8	-18.0	188.7	13.5	2.1	13.4	313.9	317.9	1.2	8.2	7.7	5.
9.4	30.0	2877.6	725.0	15.5	-17.9	185.0	10.3	0.9	10.3	316.6	320.7	1.3	8.5	8.4	5.
10.3	32.7	3174.1	700.0	14.1	-18.0	187.2	7.1	0.9	7.0	318.3	322.6	1.3	9.2	8.9	5.
11.2	35.4	3479.4	675.0	11.7	-7.8	197.4	4.0	1.2	3.8	319.1	329.0	3.2	25.3	9.1	5.
12.3	38.0	3793.1	650.0	8.7	-6.7	223.0	6.2	4.2	4.5	319.3	330.3	3.6	32.8	9.3	6.
13.4	40.7	4116.1	625.0	6.0	-8.1	237.3	6.5	5.5	3.5	319.7	330.0	3.3	35.6	9.7	8.
14.4	43.6	4448.5	600.0	2.6	-10.5	243.3	6.4	5.7	2.9	319.5	328.4	2.9	37.3	9.9	10.
15.5	46.7	4790.8	575.0	-0.7	-10.7	260.2	6.4	6.3	1.1	319.5	328.7	3.0	46.9	10.1	12.
16.7	49.8	5143.9	550.0	-3.8	-18.2	287.0	6.2	6.2	0.3	319.8	325.2	1.7	31.5	10.3	15.
17.9	52.8	5509.1	525.0	-7.1	-20.8	251.3	6.2	5.9	2.0	320.1	324.6	1.4	32.3	10.4	17.
19.1	55.9	5887.5	500.0	-9.9	-24.3	249.9	8.4	7.9	2.9	321.1	324.7	1.1	29.6	10.7	19.
20.4	59.3	6281.2	475.0	-12.2	-32.0	246.1	13.7	12.5	5.5	322.8	324.7	0.5	17.3	11.3	22.
21.7	62.9	6692.1	450.0	-15.6	-32.4	250.3	16.0	15.1	5.4	323.6	325.6	0.6	22.0	12.2	26.
23.0	66.3	7121.1	425.0	-18.7	-31.4	245.9	17.1	15.6	7.0	325.1	327.3	0.6	31.4	13.2	30.
24.5	70.1	7570.9	400.0	-20.8	-43.5	254.2	20.9	20.2	5.7	328.0	328.7	0.2	10.8	14.5	34.
25.8	73.5	8045.3	375.0	-23.8	-38.8	264.0	22.4	22.3	2.3	330.0	331.3	0.4	24.7	15.7	38.
27.4	77.3	8545.2	350.0	-27.7	-35.5	272.7	25.0	25.0	-1.2	331.5	332.3	0.5	46.6	17.3	44.
29.2	82.0	9074.0	325.0	-31.7	-38.7	272.7	25.9	25.9	-1.2	332.9	334.4	0.4	49.3	19.1	50.
31.1	86.4	9635.9	300.0	-35.7	-47.6	274.9	27.7	27.6	-2.4	335.0	335.7	0.2	27.9	21.4	56.
33.1	91.3	10233.9	275.0	-40.9	99.9	271.7	30.9	30.9	-0.9	336.0	999.9	99.9	999.9	24.4	61.
35.1	96.3	10874.0	250.0	-46.6	99.9	268.6	32.7	32.7	0.8	336.8	999.9	99.9	999.9	27.9	65.
37.3	101.6	11563.9	225.0	-52.6	99.9	271.2	31.4	31.4	-0.6	337.9	999.9	99.9	999.9	31.7	68.
39.6	107.8	12313.1	200.0	-59.3	99.9	279.1	37.5	37.4	-5.9	338.9	999.9	99.9	999.9	36.2	71.
42.3	114.0	13137.5	175.0	-65.5	99.9	286.4	42.3	40.6	-12.0	341.9	999.9	99.9	999.9	41.8	76.
45.0	120.9	14077.4	150.0	-65.7	99.9	272.3	27.4	27.3	-1.1	356.9	999.9	99.9	999.9	46.9	80.
48.6	128.3	15186.0	125.0	-66.4	99.9	265.9	23.9	23.9	0.0	374.8	999.9	99.9	999.9	53.6	80.
52.9	136.7	16528.5	100.0	-68.9	99.9	265.2	16.1	16.1	1.3	394.6	999.9	99.9	999.9	58.9	86.
58.0	144.7	18247.1	75.0	-68.6	99.9	243.6	10.5	9.4	4.6	429.0	999.9	99.9	999.9	62.5	80.
64.7	153.0	20730.1	50.0	-58.5	99.9	47.2	5.3	-3.9	-3.6	505.7	999.9	99.9	999.9	64.2	80.
75.9	162.0	25166.3	25.0	-50.6	99.9	64.4	1.3	-1.1	-0.5	639.2	999.9	99.9	999.9	62.5	81.

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

184

STATION NO. 260
STEPHENVILLE, TEX

24 APRIL 1975
1715 GMT

156 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTU GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	359.0	964.8	27.8	17.3	200.0	8.8	3.0	8.3	305.8	341.4	13.1	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	10.3	536.2	950.0	26.5	17.8	199.3	11.4	3.8	10.7	306.0	343.1	13.6	58.7	0.3	14.
0.9	13.3	770.8	925.0	23.5	15.9	199.0	12.4	4.0	11.7	305.0	338.7	12.4	62.2	0.6	17.
1.6	15.6	1009.8	900.0	21.3	13.9	199.9	16.1	5.5	15.2	305.0	335.7	11.2	62.6	1.1	18.
2.5	17.9	1253.5	875.0	19.3	13.0	207.1	18.9	8.6	16.9	305.4	335.0	10.8	66.6	2.0	20.
3.3	20.4	1503.5	850.0	19.9	9.6	210.4	19.1	9.7	16.5	308.3	333.4	9.0	51.8	3.0	23.
4.1	22.8	1760.5	825.0	19.1	7.5	213.5	13.4	7.4	11.1	309.8	332.4	7.9	46.9	3.9	25.
5.1	25.3	2024.9	800.0	17.8	7.8	211.8	8.3	4.4	7.1	311.2	335.0	8.3	51.9	4.5	26.
6.1	27.8	2295.8	775.0	16.0	6.1	207.8	6.8	3.2	6.0	312.1	334.1	7.7	51.9	4.9	26.
7.1	30.4	2573.9	750.0	14.2	1.6	203.1	8.3	3.3	7.7	312.7	329.5	5.7	42.3	5.4	26.
8.2	33.2	2859.1	725.0	12.4	-1.4	199.9	8.6	2.3	8.3	313.7	327.9	4.8	38.5	5.9	26.
9.2	35.8	3152.4	700.0	10.9	-7.9	197.6	10.7	3.2	10.2	315.0	324.3	3.0	25.9	6.5	25.
10.3	38.6	3454.3	675.0	8.7	-8.8	205.7	13.3	5.8	12.0	315.7	324.7	2.9	27.9	7.2	24.
11.3	41.2	3765.0	650.0	6.0	-6.4	211.5	14.2	7.4	12.1	316.3	327.4	3.7	40.4	6.1	25.
12.4	44.2	4085.4	625.0	3.8	-2.0	219.0	16.2	10.2	12.6	317.5	333.4	5.3	65.9	9.1	26.
13.5	47.1	4415.9	600.0	0.8	-1.5	223.1	18.0	12.3	13.2	317.8	334.9	5.7	84.4	10.2	28.
14.6	50.2	4756.8	575.0	-1.9	-8.8	225.5	20.0	14.3	14.0	318.2	329.2	3.6	61.5	11.4	29.
15.8	53.1	5109.0	550.0	-4.2	-21.7	235.0	20.6	16.9	11.8	319.2	323.2	1.2	24.1	12.7	32.
17.0	56.1	5473.7	525.0	-7.3	-21.4	243.5	22.3	20.0	10.0	319.8	324.1	1.3	31.4	14.1	35.
18.3	59.4	5851.1	500.0	-11.1	-21.1	247.4	23.1	21.3	8.9	319.6	324.2	1.4	43.4	15.7	38.
19.7	62.9	6242.8	475.0	-13.2	-50.9	247.3	20.6	19.0	7.9	321.6	321.9	0.1	2.5	17.4	41.
21.3	66.1	6652.5	450.0	-15.5	-51.8	245.4	20.2	18.4	8.4	323.6	323.9	0.1	2.7	19.1	44.
22.8	69.8	7081.2	425.0	-18.8	-53.1	244.1	20.2	18.1	8.8	324.8	325.0	0.1	3.1	20.8	45.
24.6	73.3	7530.2	400.0	-21.9	-54.4	252.9	22.3	21.3	6.6	326.5	325.7	0.1	3.4	22.9	48.
26.2	77.2	8002.0	375.0	-25.6	-56.2	254.2	24.1	23.2	6.6	327.7	327.9	0.0	3.8	25.0	50.
27.9	81.0	8497.8	350.0	-29.9	-58.5	257.7	22.8	22.2	4.8	328.4	325.6	0.0	4.2	26.9	52.
29.5	85.1	9021.2	325.0	-34.3	-61.0	255.5	27.3	26.4	6.8	329.4	329.5	0.0	4.7	29.4	54.
31.2	89.4	9575.9	300.0	-35.1	99.9	257.5	25.9	25.3	5.6	330.3	999.9	99.9	999.9	31.8	56.
33.0	94.0	10167.1	275.0	-43.1	99.9	260.8	29.5	29.1	4.7	332.7	999.9	99.9	999.9	35.0	58.
35.0	98.6	10802.7	250.0	-47.8	99.9	261.9	37.4	37.0	5.3	335.0	999.9	99.9	999.9	38.9	60.
37.5	103.9	11482.5	225.0	-53.2	99.9	260.5	45.3	44.7	7.2	337.0	999.9	99.9	999.9	44.4	63.
40.3	109.5	12238.0	200.0	-58.9	99.9	269.0	43.2	43.2	0.7	339.5	999.9	99.9	999.9	51.6	66.
43.1	115.4	13065.3	175.0	-64.2	99.9	264.8	56.4	56.2	5.1	344.0	999.9	99.9	999.9	59.6	69.
46.3	121.8	14013.6	150.0	-61.9	99.9	255.5	43.6	42.2	10.9	363.5	999.9	99.9	999.9	67.2	71.
50.8	129.0	15150.6	125.0	-69.8	99.9	264.2	30.7	30.6	3.1	385.0	999.9	99.9	999.9	76.6	72.
55.6	137.0	16528.2	100.0	-66.5	99.9	243.9	20.8	18.7	9.1	399.3	999.9	99.9	999.9	83.1	72.
61.2	144.7	18270.5	75.0	-64.9	99.9	264.1	11.5	11.4	1.2	437.0	999.9	99.9	999.9	90.1	72.
69.3	153.0	20799.1	50.0	-58.2	99.9	226.8	8.7	6.4	6.0	506.5	999.9	99.9	999.9	92.1	73.
81.6	161.3	25273.1	25.0	-51.0	99.9	59.0	2.4	-2.0	-1.2	638.4	999.9	99.9	999.9	92.5	74.

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

STATION NO. 261
DEL RIO, TEX

24 APRIL 1975
1715 GMT

160 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.7	314.0	974.1	26.2	19.1	130.0	4.1	-3.1	2.6	303.6	342.4	14.5	65.0	0.0	0.
99.9	99.9	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	10.9	533.9	950.0	22.7	17.7	140.8	5.1	-2.8	4.2	302.1	338.4	13.6	73.2	0.2	322.
1.7	13.3	765.9	925.0	20.6	17.7	144.0	4.5	-2.6	3.6	302.3	339.4	13.9	83.2	0.5	324.
2.5	15.7	1002.8	900.0	18.5	17.1	138.5	3.4	-2.3	2.6	302.4	339.4	13.8	91.8	0.7	323.
3.3	18.1	1244.5	875.0	16.8	15.4	170.2	1.4	-0.2	1.4	302.9	337.4	12.8	92.0	0.8	322.
4.1	20.5	1493.9	850.0	21.1	10.1	294.9	4.5	4.0	-1.9	309.5	335.8	9.4	50.4	0.8	322.
5.1	23.0	1751.8	825.0	15.8	5.7	291.8	6.3	5.9	-2.4	310.4	330.5	7.0	39.8	0.5	348.
6.0	25.6	2016.4	800.0	18.7	-2.2	288.7	7.5	7.2	-2.4	311.6	323.8	4.1	24.4	0.5	36.
6.9	28.2	2287.4	775.0	17.3	-36.2	274.0	7.1	7.0	-0.5	312.5	313.3	0.2	1.4	0.7	67.
7.9	31.0	2566.0	750.0	16.8	-39.6	256.9	7.1	6.9	1.6	314.8	315.4	0.2	1.0	1.1	72.
8.9	33.8	2853.6	725.0	15.3	-40.6	250.6	9.1	8.6	3.0	316.2	316.7	0.1	1.0	1.6	73.
9.9	36.3	3145.1	700.0	13.1	-41.9	240.0	8.6	7.4	4.3	317.0	317.5	0.1	1.0	2.1	71.
10.9	39.3	3452.7	675.0	10.7	-37.6	219.7	9.1	5.8	7.0	317.6	318.9	0.4	3.2	2.6	68.
12.0	42.0	3765.1	650.0	7.6	-14.4	210.5	11.8	6.0	10.2	317.8	323.9	1.9	19.1	3.2	60.
13.0	44.9	4086.5	625.0	5.1	-18.9	211.5	11.9	6.2	10.2	318.4	322.9	1.4	15.7	3.8	55.
14.1	48.0	4417.6	600.0	2.1	-15.0	213.3	12.2	6.7	10.2	318.8	325.1	2.0	26.7	4.6	51.
15.2	50.9	4759.2	575.0	-1.0	-12.0	222.1	13.9	9.3	10.3	319.1	327.4	2.6	42.8	5.5	49.
16.3	54.0	5111.8	550.0	-4.1	-19.2	232.2	14.5	11.4	8.9	319.4	324.3	1.5	29.5	6.4	48.
17.7	57.1	5476.7	525.0	-6.9	-32.1	245.2	17.3	15.7	7.3	320.1	321.9	0.5	11.3	7.7	50.
19.0	60.6	5855.7	500.0	-9.5	-37.9	251.3	17.7	16.8	5.7	321.4	322.5	0.3	8.0	9.0	53.
20.2	64.0	6245.5	475.0	-12.7	-41.4	257.7	19.6	19.1	4.2	322.2	322.9	0.2	6.9	10.2	56.
21.6	67.3	6660.6	450.0	-14.9	-41.0	256.0	23.0	22.3	5.6	324.5	325.3	0.2	8.7	11.9	59.
23.0	70.8	7090.0	425.0	-18.3	-58.7	256.9	21.7	21.1	4.9	325.5	325.6	0.0	1.8	13.8	61.
24.6	74.6	7540.3	400.0	-20.8	-48.3	256.7	21.1	20.6	4.9	327.9	328.4	0.1	8.2	15.7	63.
26.2	78.5	8014.1	375.0	-24.5	-31.6	262.3	25.3	25.1	3.4	329.2	331.7	0.7	51.6	17.8	65.
28.0	82.3	8513.4	350.0	-27.8	-37.5	261.3	31.7	31.3	4.8	331.2	332.8	0.4	38.8	20.9	66.
29.9	86.3	9041.0	325.0	-32.3	-39.0	261.2	31.0	30.6	4.8	332.1	333.5	0.4	51.5	24.3	70.
32.0	90.8	9601.0	300.0	-36.3	-46.7	255.5	30.4	29.5	7.6	334.2	334.9	0.2	33.0	28.0	71.
34.0	95.4	10199.2	275.0	-40.8	99.9	254.7	31.1	30.0	8.2	336.2	999.9	99.9	999.9	31.6	71.
36.2	100.2	10239.6	250.0	-46.7	99.9	254.2	33.6	32.3	9.1	336.6	999.9	99.9	999.9	36.2	72.
38.6	105.3	11530.4	225.0	-52.3	99.9	261.3	31.7	31.3	4.8	338.4	999.9	99.9	999.9	40.9	72.
41.6	110.8	12291.3	200.0	-58.6	99.9	261.1	40.0	39.5	6.1	340.0	999.9	99.9	999.9	46.9	74.
44.3	116.5	13109.3	175.0	-64.7	99.9	260.6	46.1	45.5	7.5	343.3	999.9	99.9	999.9	53.5	75.
47.3	123.3	14041.4	150.0	-66.7	99.9	274.4	38.4	38.3	-2.9	355.1	999.9	99.9	999.9	61.3	76.
50.9	130.3	15148.2	125.0	-66.0	99.9	258.4	28.2	27.6	5.7	375.5	999.9	99.9	999.9	67.4	77.
55.1	137.7	16491.7	100.0	-69.3	99.9	254.5	16.0	15.4	4.3	393.8	999.9	99.9	999.9	73.6	77.
60.5	145.3	18158.4	75.0	-67.9	99.9	261.0	17.2	17.0	2.7	430.6	999.9	99.9	999.9	79.5	76.
68.1	154.3	20703.2	50.0	-57.8	99.9	36.3	1.8	-1.1	-1.5	507.3	999.9	99.9	999.9	81.2	76.
79.7	164.0	25132.1	25.0	-52.6	99.9	77.5	4.7	-4.6	-1.0	633.5	999.9	99.9	999.9	80.1	77.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1715 GMT

153 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00.0	12.4	873.0	912.3	28.9	-0.3	300.0	4.1	3.6	-2.0	310.7	322.8	4.1	15.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	13.5	992.9	900.0	26.2	-1.4	288.6	9.1	8.6	-2.9	309.0	320.3	3.8	16.2	0.3	135.
1.1	15.7	1239.4	875.0	24.0	-3.4	295.6	8.1	7.3	-3.5	309.2	319.3	3.4	16.0	0.5	123.
2.0	18.0	1491.2	850.0	21.6	-4.4	301.6	5.6	4.8	-2.9	309.3	319.0	3.3	17.0	0.9	122.
2.9	20.4	1748.6	825.0	19.1	-5.3	303.8	5.2	4.3	-2.9	309.2	318.6	3.1	18.6	1.2	123.
3.5	22.7	2011.4	800.0	16.6	-5.8	278.0	4.1	4.1	-0.6	309.2	318.5	3.1	20.9	1.4	122.
4.5	25.2	2280.1	775.0	14.0	-4.9	241.2	3.7	3.2	1.8	309.4	319.6	3.4	26.6	1.5	116.
5.5	27.6	2555.3	750.0	11.4	-4.9	234.5	6.5	5.3	3.8	309.4	320.0	3.6	31.4	1.7	106.
6.4	30.2	2838.1	725.0	11.2	-18.7	241.3	8.2	7.2	3.9	311.9	315.7	1.2	10.5	2.0	98.
7.4	32.9	3129.3	700.0	8.8	-20.8	251.3	10.4	9.9	3.3	312.3	315.7	1.0	10.3	2.5	92.
8.3	35.5	3424.6	675.0	6.6	-22.6	245.8	12.2	11.1	5.0	313.1	316.1	0.9	10.2	3.1	89.
9.4	38.2	3736.7	650.0	4.4	-24.3	236.9	13.5	11.3	7.4	314.0	316.7	0.8	10.2	3.8	82.
10.5	40.9	4054.2	625.0	1.7	-26.1	235.2	15.1	12.4	8.6	314.4	316.8	0.7	10.5	4.6	77.
11.6	43.8	4392.1	600.0	0.5	-26.9	243.4	18.6	16.6	8.3	316.8	319.1	0.7	10.6	5.8	73.
12.9	46.8	4722.7	575.0	-0.7	-30.1	243.6	23.5	21.0	10.5	319.3	321.1	0.5	8.6	7.4	72.
14.1	49.9	5075.9	550.0	3.2	-31.7	237.6	24.7	20.8	13.2	320.3	322.0	0.5	8.8	9.2	69.
15.4	52.8	5442.0	525.0	-6.2	-33.6	235.5	24.2	20.0	13.7	321.0	322.5	0.4	9.2	11.0	67.
16.7	55.9	5821.0	500.0	-9.5	-35.8	235.5	25.0	20.6	14.2	321.5	322.8	0.4	9.5	13.0	65.
18.3	59.1	6214.4	475.0	-13.0	-38.2	237.6	23.9	20.2	12.8	321.8	322.9	0.3	9.9	15.1	64.
19.7	62.6	6624.6	450.0	-15.8	-40.1	240.2	23.7	20.6	11.8	323.3	324.2	0.3	10.2	17.2	63.
21.2	66.0	7052.4	425.0	-18.9	-42.3	243.2	24.2	21.6	10.9	324.7	325.5	0.2	10.6	19.3	63.
22.6	69.6	7501.2	400.0	-22.3	-44.7	248.0	24.0	22.2	9.0	325.9	326.6	0.2	11.0	21.4	63.
24.2	73.2	7971.6	375.0	-26.2	-47.4	253.8	25.4	24.3	7.1	326.9	327.4	0.1	11.4	23.7	64.
25.8	77.3	8466.5	350.0	-30.4	-50.5	254.1	28.5	27.4	7.8	327.8	328.2	0.1	11.8	26.3	65.
27.7	81.2	8988.8	325.0	-34.6	-53.6	252.3	28.5	27.1	8.7	328.9	329.2	0.1	12.3	29.3	66.
29.6	85.6	9543.2	300.0	-38.5	-48.7	251.9	34.1	32.5	10.6	331.0	331.6	0.1	33.2	33.0	67.
31.5	90.0	10136.5	275.0	-42.4	99.9	252.0	43.0	40.9	13.3	333.8	999.9	99.9	99.9	37.5	67.
33.6	95.2	10773.5	250.0	-47.7	99.9	251.9	39.6	37.7	12.3	335.2	999.9	99.9	99.9	42.6	68.
35.9	100.2	11461.4	225.0	-52.8	99.9	261.2	47.6	47.0	7.3	337.6	999.9	99.9	99.9	46.3	69.
38.3	105.8	12210.0	200.0	-59.4	99.9	262.9	47.7	47.3	5.9	338.6	999.9	99.9	99.9	55.3	71.
40.8	111.6	13037.6	175.0	-63.9	99.9	261.0	51.8	51.1	8.1	344.5	999.9	99.9	99.9	61.8	72.
44.3	118.3	13986.1	150.0	-60.8	99.9	259.9	36.1*	35.6	6.3	365.4	999.9	99.9	99.9	71.5	73.
47.7	125.9	15116.5	125.0	-63.7	99.9	254.3	33.4*	32.1	5.0	379.7	999.9	99.9	99.9	77.9	73.
52.3	134.0	15486.5	100.0	-65.6	99.9	244.5	28.8*	26.0	12.4	400.9	999.9	99.9	99.9	85.8	73.
58.1	142.3	18244.3	75.0	-63.9	99.9	283.5	7.1*	6.9	-1.6	439.0	999.9	99.9	99.9	91.9	74.
65.1	151.3	20768.6	50.0	-55.8	99.9	258.6	6.4	6.3	1.5	512.1	999.9	99.9	99.9	94.2	75.
78.5	160.5	25242.8	25.0	-50.4	99.9	87.5	2.6	-2.6	-0.1	639.9	999.9	99.9	99.9	94.8	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. 304
 HATTERAS, NC

24 APRIL 1975
 1800 GMT

163 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	4.0	1021.7	23.2	14.7	220.0	7.2	4.6	5.5	295.9	323.4	10.4	59.0	0.0	0.
0.8	6.1	190.1	1000.0	20.3	11.5	219.3	16.1	10.2	12.5	294.6	317.3	8.6	57.0	0.7	36.
1.6	8.1	408.0	975.0	18.2	10.3	218.1	18.6	11.5	14.7	294.6	316.1	8.1	59.8	1.5	38.
2.5	10.2	630.0	950.0	16.1	7.3	215.1	19.3	11.1	15.8	294.5	312.6	6.8	55.6	2.5	37.
3.3	12.2	856.3	925.0	14.3	6.5	215.4	18.2	10.6	14.9	294.9	312.6	6.6	59.2	3.4	37.
4.2	14.5	1087.3	900.0	12.6	5.2	221.5	17.4	11.5	13.0	295.4	312.1	6.2	60.5	4.4	37.
5.1	16.5	1323.3	875.0	11.7	-7.7	225.6	17.0	12.2	11.9	290.3	303.3	2.4	24.9	5.2	36.
6.0	18.7	1565.0	850.0	10.4	-7.6	233.1	14.1	11.3	8.4	297.3	304.7	2.5	27.5	6.1	40.
6.8	20.8	1813.2	825.0	9.5	3.6	236.1	11.5	9.6	6.4	299.4	316.1	6.1	67.1	6.7	41.
7.8	23.2	2068.4	800.0	8.3	3.0	238.4	9.0	7.7	4.7	300.7	317.3	5.9	69.3	7.3	42.
8.8	25.5	2330.3	775.0	6.5	2.6	232.9	9.0	7.2	5.4	301.6	318.3	6.0	76.1	7.8	43.
9.8	27.8	2599.2	750.0	5.6	1.2	231.1	9.8	7.6	6.2	303.3	319.1	5.6	73.5	8.4	44.
10.9	30.3	2876.6	725.0	4.8	-1.5	242.0	9.8	8.7	4.6	305.4	319.0	4.8	63.7	9.0	44.
12.0	32.9	3162.2	700.0	3.4	-4.5	249.2	9.7	9.1	3.4	306.7	318.1	3.9	56.2	9.6	46.
12.9	35.5	3456.7	675.0	1.5	-5.9	263.8	9.5	9.5	1.0	307.8	318.6	3.6	57.6	10.1	47.
13.9	38.0	3759.5	650.0	-0.9	-8.6	279.9	11.4	11.2	-2.0	308.3	317.4	3.1	55.7	10.5	50.
15.0	40.6	4072.2	625.0	-1.8	-14.8	287.1	14.5	13.8	-4.3	310.6	316.6	1.9	36.5	10.9	54.
16.1	43.5	4396.7	600.0	-2.6	-22.0	283.0	15.0	14.6	-3.4	313.2	316.7	1.1	20.7	11.6	57.
17.4	46.4	4732.1	575.0	-5.8	-24.9	287.2	15.3	14.6	-4.3	313.3	316.1	0.9	20.4	12.4	61.
18.6	49.4	5078.8	550.0	-8.2	-26.9	294.0	16.2	14.8	-6.6	314.5	317.0	0.8	20.6	13.2	65.
19.9	52.3	5438.4	525.0	-10.5	-23.3	305.1	15.2	12.4	-8.7	315.9	319.6	1.1	34.5	14.0	69.
21.3	55.4	5812.8	500.0	-12.1	-41.8	299.4	12.9	11.2	-6.3	318.3	319.0	0.2	6.3	14.6	73.
22.8	58.5	6202.8	475.0	-15.0	-43.7	291.2	13.7	12.7	-4.9	319.3	319.9	0.2	6.5	15.5	76.
24.2	62.0	6609.3	450.0	-18.0	-44.1	285.8	13.2	12.7	-3.6	320.5	321.1	0.2	8.0	16.5	78.
25.8	65.4	7034.0	425.0	-21.1	-37.3	283.9	13.8	13.4	-3.3	321.9	323.2	0.4	21.9	17.7	80.
27.3	69.0	7478.3	400.0	-24.8	-41.5	282.9	14.4	14.0	-3.2	322.8	323.7	0.2	19.3	18.9	81.
28.9	72.5	7946.1	375.0	-27.1	-42.5	298.3	10.4	9.1	-4.9	325.7	326.6	0.2	21.4	20.0	83.
30.4	76.5	8439.8	350.0	-30.7	-47.2	309.1	7.7	5.9	-4.8	327.3	327.8	0.1	17.8	20.5	84.
32.3	80.6	8961.5	325.0	-35.2	-50.8	287.7	9.6	9.2	-2.9	328.1	328.5	0.1	18.4	21.4	86.
34.1	84.8	9513.9	300.0	-39.9	99.9	296.0	12.5	11.2	-5.5	329.1	999.9	99.9	999.9	22.4	87.
36.3	89.3	10101.2	275.0	-45.1	99.9	321.9	14.4	8.9	-11.3	329.9	999.9	99.9	999.9	23.7	89.
38.3	94.2	10730.8	250.0	-50.2	99.9	341.3	18.1	5.8	-17.1	331.5	999.9	99.9	999.9	24.6	94.
40.4	99.3	11410.4	225.0	-55.2	99.9	334.7	17.3	7.4	-15.6	334.0	999.9	99.9	999.9	25.7	99.
42.9	104.9	12151.4	200.0	-60.5	99.9	310.8	17.9	13.5	-11.7	337.0	999.9	99.9	999.9	27.5	102.
45.7	110.8	12973.0	175.0	-64.8	99.9	295.2	19.1	16.7	-9.4	343.1	999.9	99.9	999.9	30.4	105.
48.4	117.3	13918.7	150.0	-62.2	99.9	289.8	33.0	31.0	-11.2	362.5	999.9	99.9	999.9	35.0	106.
52.0	125.0	15046.8	125.0	-59.8	99.9	280.0	31.1	30.7	-5.4	386.7	999.9	99.9	999.9	42.0	105.
56.2	133.0	16436.2	100.0	-62.0	99.9	298.1	21.9	19.3	-10.3	408.0	999.9	99.9	999.9	49.5	106.
61.0	141.3	18187.0	75.0	-65.6	99.9	319.3	8.2	5.4	-6.3	436.6	999.9	99.9	999.9	53.0	106.
68.3	150.5	20599.6	50.0	-57.4	99.9	116.0	0.9	-0.8	0.4	508.2	999.9	99.9	999.9	53.6	107.
79.8	160.5	25147.0	25.0	-49.9	99.9	267.4	1.0	1.0	0.0	641.5	999.9	99.9	999.9	53.7	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

STATION NO. 311
ATHENS, GA

24 APRIL 1975
1800 GMT

157 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 CC4P 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	246.0	991.5	23.9	16.2	210.0	6.2	3.1	5.4	299.4	330.7	11.8	62.0	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	8.4	391.7	975.0	21.2	11.4	221.3	9.8	6.5	7.3	257.7	321.1	8.7	53.4	0.3	46.
1.4	10.5	616.5	950.0	19.8	11.5	223.7	9.1	6.3	6.6	298.5	322.7	9.0	58.5	0.7	43.
1.9	12.8	845.5	925.0	17.2	10.6	227.6	9.1	6.7	6.1	298.1	321.5	8.7	65.0	1.1	44.
2.5	15.1	1078.9	900.0	15.1	10.1	225.0	9.2	6.5	6.5	298.2	321.5	8.7	71.9	1.4	45.
3.2	17.3	1317.1	875.0	12.6	9.5	232.7	9.8	7.8	5.9	298.0	321.0	8.6	81.3	1.8	45.
4.1	19.7	1540.1	850.0	10.9	7.5	243.3	11.4	10.2	5.1	298.6	319.5	7.7	79.7	2.3	49.
5.1	22.0	1808.9	825.0	9.2	6.6	241.2	12.6	11.0	6.1	299.3	319.7	7.5	83.6	3.0	52.
5.9	24.5	2064.9	800.0	10.2	6.0	244.8	15.5	14.0	6.6	303.0	323.4	7.4	75.4	3.7	54.
6.8	26.9	2329.1	775.0	9.5	2.6	241.3	15.9	14.0	7.6	304.8	321.7	6.0	62.1	4.5	56.
7.7	29.4	2601.0	750.0	7.9	1.4	235.8	17.5	14.5	9.9	305.2	321.9	5.7	63.5	5.4	56.
8.7	32.1	2879.8	725.0	5.4	0.3	234.8	17.9	14.6	10.4	306.1	321.6	5.4	69.7	6.5	56.
9.7	34.3	3165.9	700.0	3.9	-6.2	239.6	17.7	15.3	9.0	307.3	317.4	3.4	47.5	7.6	56.
10.8	37.3	3461.7	675.0	3.8	-4.6	249.7	18.8	17.6	6.5	310.4	322.3	4.0	54.0	8.7	57.
11.7	40.1	3767.5	650.0	2.0	-6.1	255.3	19.5	18.9	4.9	311.7	322.9	3.7	54.9	9.9	59.
12.7	42.8	4082.9	625.0	-0.3	-7.1	263.7	18.9	18.8	2.1	312.5	323.3	3.6	60.3	10.9	61.
13.8	45.8	4408.4	600.0	-2.7	-9.0	272.3	19.1	19.1	-0.8	313.3	323.1	3.2	61.8	12.0	64.
15.0	48.7	4744.5	575.0	-5.4	-9.2	276.4	18.6	18.5	-2.1	314.0	324.1	3.3	75.0	13.2	67.
16.2	51.6	5092.1	550.0	-7.8	-10.5	274.0	17.9	17.8	-1.4	315.2	324.8	3.1	80.7	14.3	69.
17.4	54.6	5452.5	525.0	-10.5	-14.5	277.6	18.2	18.1	-2.4	316.0	323.4	2.4	72.5	15.6	71.
18.7	57.6	5826.5	500.0	-13.1	-17.4	276.4	19.3	19.2	-2.1	317.3	323.5	1.9	69.8	16.8	74.
20.0	60.9	6215.9	475.0	-15.5	-21.0	272.6	19.9	19.9	-0.9	318.9	323.8	1.5	62.8	18.3	75.
21.4	64.4	6622.0	450.0	-18.2	-26.3	269.8	22.7	22.7	0.1	320.4	323.7	1.0	49.3	19.9	77.
22.7	67.6	7047.4	425.0	-20.3	-43.9	278.2	22.0	21.8	-3.1	322.5	323.5	0.2	10.1	21.7	78.
24.3	71.3	7492.6	400.0	-23.9	-46.4	281.1	22.4	22.0	-4.3	323.9	324.4	0.1	10.4	23.5	80.
25.7	74.9	7960.1	375.0	-27.6	-49.1	284.3	23.5	22.8	-5.8	325.0	325.5	0.1	10.7	25.5	82.
27.4	78.7	8453.1	350.0	-31.4	-51.8	286.5	22.3	21.4	-6.3	326.4	326.7	0.1	11.1	27.6	94.
29.2	82.3	8973.0	325.0	-35.8	-55.2	286.7	20.7	19.8	-5.9	327.2	327.5	0.1	11.5	29.8	85.
31.1	86.4	9524.1	300.0	-40.2	-99.9	287.1	17.4	16.6	-5.1	328.7	999.9	99.9	999.9	32.0	87.
33.1	90.8	10111.3	275.0	-45.3	-99.9	289.5	17.0	16.0	-5.7	329.6	999.9	99.9	999.9	33.7	86.
35.4	95.5	10739.8	250.0	-50.7	-99.9	282.3	16.3	15.5	-5.1	330.2	999.9	99.9	999.9	36.2	89.
37.8	100.3	11417.9	225.0	-56.1	-99.9	287.0	17.4	16.7	-5.1	332.5	999.9	99.9	999.9	38.2	90.
40.1	105.6	12159.7	200.0	-60.2	-99.9	284.0	20.4	19.8	-4.9	337.4	999.9	99.9	999.9	40.8	91.
42.7	111.3	12986.3	175.0	-62.4	-99.9	259.0	22.5	22.1	4.3	346.9	999.9	99.9	999.9	44.3	92.
45.6	117.3	13946.0	150.0	-57.8	-99.9	274.5	38.0	37.8	-3.0	370.4	999.9	99.9	999.9	49.6	91.
49.2	124.3	15093.6	125.0	-59.9	-99.9	276.5	25.7	25.6	-2.9	386.5	999.9	99.9	999.9	55.9	92.
53.7	132.0	16466.1	100.0	-66.7	-99.9	284.0	14.2	13.8	-3.4	396.2	999.9	99.9	999.9	60.7	93.
59.2	140.0	18195.7	75.0	-64.6	-99.9	304.4	6.0	5.4	-3.7	437.6	999.9	99.9	999.9	66.0	94.
66.7	148.3	20702.8	50.0	-59.3	-99.9	354.1	3.6	0.4	-3.6	503.9	999.9	99.9	999.9	67.5	95.
79.1	157.5	25140.0	25.0	-51.2	-99.9	206.5	1.3	0.6	1.2	637.7	999.9	99.9	999.9	67.9	95.

* BY SPEED MEANS ELEVATION 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. 317
GREENSBORO, NC

24 APRIL 1975
1721 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 CCMP M/SFC	POT T DG K	E PJT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	275.0	985.9	24.4	15.6	220.0	9.3	6.0	7.1	300.3	330.8	11.4	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.
0.4	8.6	372.1	975.0	22.2	11.9	219.4	7.1	4.5	5.5	298.7	322.9	9.0	52.1	0.3	39.
0.8	10.7	597.1	950.0	19.7	11.4	225.5	8.4	6.0	5.9	298.4	322.5	9.0	58.8	0.5	39.
1.3	12.9	826.1	925.0	17.4	10.8	227.7	11.0	8.2	7.4	298.3	322.1	8.8	64.9	0.7	43.
1.7	15.3	1059.5	900.0	14.7	10.2	224.7	12.2	8.6	8.7	297.8	321.3	8.7	74.7	1.0	44.
2.1	17.5	1297.5	875.0	12.7	11.1	219.2	11.5	7.3	8.9	298.2	323.8	9.6	90.3	1.3	44.
2.5	19.9	1540.3	850.0	10.2	9.9	224.6	10.6	7.5	7.6	298.0	322.3	9.1	98.1	1.6	42.
3.0	22.1	1789.0	825.0	8.6	8.4	236.7	14.5	12.1	8.0	298.8	321.6	8.4	98.5	2.0	45.
4.0	24.6	2042.8	800.0	6.9	-6.2	239.1	21.8	18.7	11.2	298.9	306.9	2.8	34.4	3.1	49.
4.9	26.9	2304.7	775.0	7.8	-1.2	243.1	21.8	19.5	9.9	302.8	315.7	4.5	53.0	4.2	52.
5.7	29.4	2575.1	750.0	7.2	-1.1	249.4	20.2	18.9	7.1	305.0	318.5	4.7	55.4	4.3	55.
6.6	32.0	2853.2	725.0	5.3	-2.4	258.7	18.7	18.4	3.7	305.8	318.6	4.4	57.6	6.3	58.
7.5	34.7	3139.7	700.0	4.1	-3.5	267.7	18.9	18.8	0.8	307.6	319.9	4.2	57.4	7.2	62.
8.5	37.2	3434.6	675.0	2.9	-4.9	268.6	20.1	20.1	0.5	309.4	321.1	3.9	56.4	8.2	65.
9.5	40.0	3739.0	650.0	0.4	-7.0	268.3	21.1	21.1	0.6	309.9	320.3	3.5	57.5	9.3	68.
10.4	42.6	4053.1	625.0	-1.4	-7.8	268.2	22.2	22.2	0.7	311.2	321.4	3.4	61.6	10.5	71.
11.5	45.4	4377.0	600.0	-4.0	-8.7	267.2	21.6	21.6	1.0	311.9	321.9	3.3	69.9	11.9	73.
12.6	48.4	4711.8	575.0	-5.7	-12.5	267.0	18.3	18.3	1.0	313.6	321.4	2.5	58.6	13.2	74.
13.9	51.3	5059.0	550.0	-7.8	-18.7	271.7	18.8	18.8	-0.6	315.0	320.0	1.6	41.0	14.6	76.
15.0	54.3	5419.9	525.0	-10.8	-19.3	271.4	19.2	19.2	-0.5	315.6	320.6	1.6	49.7	15.8	77.
16.3	57.3	5792.3	500.0	-13.3	-18.7	273.0	20.2	20.2	-1.1	317.0	322.6	1.7	63.3	17.2	78.
17.5	60.6	6180.9	475.0	-16.3	-22.0	274.4	20.2	20.2	-1.5	318.0	322.4	1.4	60.8	18.6	80.
19.7	64.0	6585.8	450.0	-19.1	-25.1	268.5	23.9	23.9	0.6	319.3	322.9	1.1	58.8	20.2	80.
20.0	67.1	7005.4	425.0	-21.4	-27.5	272.1	21.3	23.3	-0.8	321.6	324.7	0.9	57.8	22.0	81.
21.6	70.7	7453.0	400.0	-25.5	-31.1	278.5	22.4	22.2	-3.3	321.9	324.3	0.7	58.9	24.1	82.
23.4	74.3	7918.5	375.0	-28.2	-68.0	280.8	16.6	16.3	-3.1	324.2	324.2	0.0	1.0	26.2	84.
25.0	78.3	8409.9	350.0	-31.9	-59.1	276.2	13.5	13.4	-1.5	325.6	325.8	0.0	5.3	27.4	85.
27.0	82.2	8928.5	325.0	-36.2	-62.5	275.9	16.1	16.0	-1.7	326.7	326.8	0.0	4.7	29.3	85.
28.9	86.2	9479.3	300.0	-40.6	99.9	287.0	17.3	16.6	-5.1	328.2	999.9	99.9	999.9	31.0	86.
30.7	90.6	10065.5	275.0	-45.7	99.9	281.4	17.4	17.1	-3.4	329.1	999.9	99.9	999.9	32.9	87.
32.9	95.3	10693.1	250.0	-51.1	99.9	280.6	21.8	21.4	-4.0	330.1	999.9	99.9	999.9	35.5	88.
35.0	100.2	11369.4	225.0	-56.9	99.9	287.8	17.9	17.0	-5.5	331.3	999.9	99.9	999.9	37.7	89.
37.3	105.5	12104.7	200.0	-63.2	99.9	283.4	24.8	24.2	-5.8	332.8	999.9	99.9	999.9	40.4	90.
40.0	111.2	12924.5	175.0	-62.7	99.9	285.1	31.9	30.8	-8.3	346.5	999.9	99.9	999.9	44.7	92.
43.0	117.3	13885.9	150.0	-59.2	99.9	291.5	33.2	30.9	-12.2	368.1	999.9	99.9	999.9	51.0	94.
46.3	124.7	15017.7	125.0	-62.5	99.9	271.0	21.5	21.5	-0.4	381.8	999.9	99.9	999.9	55.9	95.
50.6	132.3	16389.9	100.0	-65.3	99.9	275.9	27.0	26.9	-2.8	401.7	999.9	99.9	999.9	62.7	95.
56.2	140.3	18144.5	75.0	-63.7	99.9	304.7	7.8	6.4	-4.5	439.4	999.9	99.9	999.9	67.3	95.
63.8	148.7	20663.2	50.0	-58.8	99.9	47.1	1.5	-1.1	-1.1	504.9	999.9	99.9	999.9	68.2	96.
75.9	157.7	25115.9	25.0	-50.6	99.9	999.9	99.9	99.9	99.9	639.7	999.9	99.9	999.9	999.9	999.

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

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
1715 GMT

162 14. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	180.0	992.0	25.2	17.4	190.0	7.7	1.3	7.6	300.8	334.8	12.7	62.0	0.0	0.
99.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	6.8	331.4	975.0	22.4	17.4	999.9	99.9	99.9	99.9	299.5	333.8	12.9	73.2	999.9	999.
1.1	6.0	557.0	950.0	20.2	15.2	999.9	99.9	99.9	99.9	299.2	329.9	11.5	72.8	999.9	999.
2.0	11.0	786.7	925.0	18.1	14.8	999.9	99.9	99.9	99.9	299.3	330.1	11.5	81.2	999.9	999.
3.0	13.3	1021.3	900.0	16.4	13.2	228.9	23.6	17.8	15.5	299.9	329.4	10.7	80.9	3.3	37.
3.9	15.5	1261.2	875.0	14.9	11.5	236.8	23.6	19.7	12.9	300.6	327.1	9.8	80.0	4.5	42.
4.8	17.7	1506.4	850.0	13.2	10.5	238.7	26.5	22.6	13.7	301.3	326.8	9.4	83.2	5.8	46.
5.6	20.1	1757.4	825.0	11.4	8.7	243.5	25.7	23.0	11.5	301.8	325.4	8.6	83.4	7.1	48.
6.5	22.3	2014.8	800.0	10.5	7.8	251.7	27.6	26.2	8.7	303.4	326.5	8.4	83.5	8.4	51.
7.4	24.8	2279.7	775.0	10.0	8.8	257.2	27.2	26.5	6.0	305.8	331.4	9.2	92.1	9.7	55.
8.3	27.1	2552.2	750.0	8.3	6.2	256.7	25.8	25.1	5.9	306.6	329.0	8.0	86.7	11.2	58.
9.2	29.7	2832.1	725.0	6.4	3.4	257.8	24.0	23.4	5.1	307.3	326.5	6.8	81.2	12.4	60.
10.2	32.3	3139.3	700.0	4.0	1.1	261.0	22.4	22.2	3.5	307.7	324.7	5.9	80.9	13.7	62.
11.3	35.0	3414.4	675.0	2.4	-2.2	261.1	24.2	23.9	3.7	309.0	323.0	4.8	71.1	15.1	64.
12.4	37.6	3718.9	650.0	1.0	-14.0	257.6	26.0	25.4	5.6	310.3	316.6	2.0	32.3	16.8	65.
13.5	40.4	4033.6	625.0	-0.5	-17.4	252.3	26.9	25.6	8.2	312.1	317.0	1.6	26.6	18.5	66.
14.8	43.2	4358.6	600.0	-2.9	-16.7	247.9	30.6	28.3	11.5	313.0	318.4	1.7	33.5	20.6	67.
15.8	46.1	4694.8	575.0	-4.0	-28.7	251.7	29.1	27.6	9.1	315.3	317.4	0.6	12.5	22.7	67.
17.1	49.3	5044.0	550.0	-6.5	-27.6	255.3	29.0	28.0	7.4	316.5	318.8	0.7	16.7	24.7	67.
18.3	52.1	5405.3	525.0	-9.6	-29.7	258.5	30.9	30.3	6.2	316.9	319.0	0.6	17.5	26.8	68.
19.5	55.4	5779.7	500.0	-13.0	-32.2	261.6	35.0	34.7	5.1	317.2	319.0	0.5	18.1	29.2	69.
20.9	58.7	6169.3	475.0	-14.4	-36.2	264.9	32.2	32.1	2.9	320.1	321.3	0.3	12.9	32.1	70.
22.2	62.3	6577.2	450.0	-16.9	-34.5	266.0	24.8	24.8	0.9	322.0	323.6	0.5	20.2	34.4	71.
23.7	65.8	7003.6	425.0	-20.2	-39.5	263.9	27.0	26.8	2.8	323.1	324.1	0.3	15.8	36.4	72.
25.4	69.5	7449.7	400.0	-23.8	-42.3	272.9	20.8	20.8	-1.0	324.1	324.9	0.2	16.2	38.8	73.
27.3	73.3	7917.7	375.0	-27.4	-45.2	270.1	26.8	26.8	-0.0	325.2	325.9	0.2	16.5	41.4	74.
29.3	77.5	8411.1	350.0	-30.9	-48.0	276.2	22.4	22.3	-2.4	327.0	327.5	0.1	16.8	43.6	75.
30.8	81.7	8932.3	325.0	-35.3	-51.4	281.1	19.3	18.9	-3.7	328.0	328.3	0.1	17.1	45.8	77.
32.7	86.2	9484.4	300.0	-40.0	99.9	999.9	99.9	99.9	99.9	329.1	999.9	99.9	999.9	999.9	999.
35.0	91.0	10072.9	275.0	-44.6	99.9	999.9	99.9	99.9	99.9	330.6	999.9	99.9	999.9	999.9	999.
37.2	96.0	10704.8	250.0	-49.5	99.9	288.8	20.9	19.8	-6.8	332.4	999.9	99.9	999.9	51.9	80.
39.7	101.4	11386.9	225.0	-55.3	99.9	303.7	20.3	18.8	-11.3	333.8	999.9	99.9	999.9	54.3	82.
42.3	107.4	12127.7	200.0	-61.3	99.9	287.2	18.4	17.6	-5.5	335.7	999.9	99.9	999.9	57.3	84.
45.2	113.7	12949.4	175.0	-60.4	99.9	267.9	28.5	28.5	1.0	350.3	999.9	99.9	999.9	61.2	85.
49.0	120.7	13916.0	150.0	-59.3	99.9	267.9	33.9	33.9	1.2	367.9	999.9	99.9	999.9	68.7	85.
53.0	128.3	15052.3	125.0	-62.1	99.9	257.4	24.8	24.2	5.4	382.5	999.9	99.9	999.9	75.3	85.
58.2	136.5	16436.3	100.0	-63.4	99.9	283.6	23.7	23.0	-5.6	405.2	999.9	99.9	999.9	83.7	85.
64.3	144.5	18194.7	75.0	-61.0	99.9	78.4	3.2	-3.1	-0.6	445.0	999.9	99.9	999.9	88.9	86.
72.7	153.3	20712.9	50.0	-66.5	99.9	89.2	2.5	-2.5	-0.0	510.5	999.9	99.9	999.9	91.3	86.
85.8	162.0	25180.8	25.0	-48.8	99.9	35.1	2.2	-1.2	-1.8	644.3	999.9	99.9	999.9	91.0	86.

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

STATION NO. 340
LITTLE ROCK, ARK

24 APRIL 1975
1805 GMT

162 21. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	79.0	1005.4	24.4	18.3	240.0	4.1	3.6	2.1	298.9	334.1	13.4	69.0	0.0	0.
0.2	5.9	126.3	1000.0	24.0	18.0	241.6	1.8	1.6	0.8	298.9	333.7	13.2	69.6	0.1	12.
0.8	8.1	347.9	975.0	22.4	18.0	228.5	2.5	1.9	1.6	299.5	335.2	13.5	76.0	0.2	21.
1.6	10.3	573.8	950.0	20.4	17.3	223.4	6.3	4.3	4.6	299.6	334.7	13.3	82.8	0.4	33.
2.4	12.4	803.9	925.0	18.2	16.7	230.7	9.4	7.2	5.9	299.6	334.3	13.1	91.2	0.8	41.
3.4	14.7	1038.7	900.0	16.2	15.2	233.1	11.1	8.9	6.7	299.9	332.4	12.2	93.6	1.3	45.
4.3	16.9	1278.6	875.0	15.1	14.1	248.7	11.3	10.5	4.2	301.0	332.3	11.7	93.9	1.9	50.
5.2	19.2	1524.4	850.0	13.8	12.8	254.4	10.8	10.4	2.9	302.0	331.8	11.0	93.9	2.5	55.
6.1	21.4	1776.4	825.0	12.5	11.6	249.9	12.3	11.6	4.2	303.2	331.8	10.5	94.3	3.1	59.
6.9	23.8	2034.9	800.0	11.3	10.6	253.6	13.1	12.6	3.7	304.6	332.3	10.1	95.3	3.7	61.
7.8	26.1	2300.0	775.0	9.6	2.8	246.9	17.9	16.5	7.0	304.9	322.0	6.1	62.5	4.6	63.
8.9	28.7	2573.5	750.0	10.3	0.4	236.3	20.0	16.6	11.1	308.4	323.7	5.3	50.3	5.9	63.
10.2	31.4	2854.9	725.0	9.0	-13.3	231.5	17.0	13.3	10.6	309.6	315.5	1.9	19.1	7.3	60.
11.3	34.1	3143.9	700.0	6.7	-45.8	241.1	13.5	11.9	6.5	309.9	310.2	0.1	1.0	8.4	60.
12.5	36.6	3441.1	675.0	4.7	-47.0	247.2	12.7	11.7	4.9	310.9	311.2	0.1	1.0	9.2	60.
13.5	39.4	3747.1	650.0	2.6	-48.4	253.0	15.1	14.5	4.4	311.9	312.1	0.1	1.0	10.0	61.
14.7	42.1	4062.9	625.0	0.8	-49.5	259.9	19.6	19.3	3.4	313.4	313.6	0.1	1.0	11.2	63.
15.9	45.1	4389.1	600.0	-1.5	-50.9	264.9	23.4	23.2	2.4	314.3	314.5	0.1	1.0	12.6	65.
17.2	48.1	4726.6	575.0	-3.4	-52.1	265.8	27.8	27.8	2.1	316.0	316.2	0.1	1.0	14.6	68.
18.5	51.1	5076.2	550.0	-6.0	-53.7	266.2	29.6	29.6	1.9	316.9	317.1	0.0	1.0	16.9	70.
19.7	54.4	5438.3	525.0	-8.9	-55.6	269.8	32.0	32.0	0.1	317.6	317.8	0.0	1.0	16.9	72.
21.0	57.4	5813.6	500.0	-12.0	-57.5	268.8	27.7	27.7	0.6	318.4	318.5	0.0	1.0	21.2	74.
22.3	60.9	6204.8	475.0	-13.6	-58.5	258.5	25.3	24.8	5.1	321.1	321.2	0.0	1.0	23.2	75.
23.7	64.5	6613.2	450.0	-17.1	-60.8	256.1	24.5	23.7	5.9	321.7	321.8	0.0	1.0	25.1	75.
25.3	68.9	7039.5	425.0	-20.2	-61.4	259.3	23.8	23.4	4.4	323.0	323.0	0.0	1.0	27.6	75.
27.0	71.6	7485.6	400.0	-23.8	-60.9	260.4	25.7	25.3	4.3	324.0	324.1	0.0	1.8	30.1	76.
29.0	75.7	7952.9	375.0	-28.0	-61.4	264.1	26.9	26.8	2.8	324.5	324.6	0.0	2.4	33.1	76.
30.7	79.8	8445.1	350.0	-31.1	-62.2	265.2	23.5	23.4	2.0	326.8	326.9	0.0	2.9	35.7	77.
32.5	84.0	8965.8	325.0	-35.5	-63.8	263.1	24.2	24.0	2.9	327.7	327.8	0.0	3.6	38.2	78.
34.3	88.2	9518.6	300.0	-39.7	99.9	269.0	21.6	21.6	0.4	329.4	999.9	99.9	999.9	40.6	78.
36.3	93.0	10107.0	275.0	-44.5	99.9	268.2	22.1	22.1	0.7	330.7	999.9	99.9	999.9	43.5	79.
38.5	98.0	10738.1	250.0	-49.3	99.9	271.5	22.2	22.2	-0.6	322.8	999.9	99.9	999.9	46.1	79.
40.8	103.3	11421.1	225.0	-54.7	99.9	267.2	24.1	24.1	1.2	334.7	999.9	99.9	999.9	49.7	80.
43.6	109.3	12169.4	200.0	-58.3	99.9	270.0	26.0	26.0	-0.0	340.5	999.9	99.9	999.9	53.8	81.
46.3	115.5	12999.9	175.0	-63.1	99.9	260.9	26.5	26.1	4.2	345.7	999.9	99.9	999.9	57.5	81.
49.6	122.7	13950.2	150.0	-62.1	99.9	262.7	35.2	34.9	4.5	363.2	999.9	99.9	999.9	63.7	81.
53.6	130.3	15076.8	125.0	-61.6	99.9	262.5	33.2	32.9	4.3	383.5	999.9	99.9	999.9	71.6	82.
58.0	138.3	16459.0	100.0	-61.5	99.9	273.8	20.7	20.7	-1.4	408.9	999.9	99.9	999.9	80.2	82.
63.2	146.7	18205.0	75.0	-66.9	99.9	248.3	13.4	12.4	4.9	432.6	999.9	99.9	999.9	83.0	82.
70.9	155.7	20722.0	50.0	-58.1	99.9	325.2	4.7	2.7	-3.9	506.7	999.9	99.9	999.9	87.5	82.
81.7	164.5	25163.1	25.0	-52.0	99.9	72.7	4.7	-4.5	-1.4	635.4	999.9	99.9	999.9	89.9	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. 349
MONETTE, MO

24 APRIL 1975
1804 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	438.0	960.2	20.5	13.9	140.0	5.7	-3.7	4.4	298.5	326.5	10.5	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	8.8	530.3	950.0	19.4	13.6	149.1	10.6	-5.4	9.1	298.3	325.9	10.4	68.9	0.3	332.
1.1	10.9	759.3	925.0	17.1	12.4	161.3	13.1	-4.2	12.4	298.1	324.4	9.9	73.8	0.9	330.
1.8	13.1	993.5	900.0	17.1	13.8	181.8	14.0	0.4	14.0	300.6	330.4	11.1	81.0	1.4	338.
2.7	15.3	1234.3	875.0	16.3	13.2	209.2	14.2	6.9	12.4	302.1	331.8	11.0	82.1	2.1	351.
3.7	17.5	1481.2	850.0	15.3	10.8	223.7	14.7	10.1	10.6	303.5	329.9	9.7	74.4	2.7	4.
4.7	19.8	1734.0	825.0	13.5	9.1	222.2	15.3	10.3	11.4	304.0	328.4	8.9	74.7	3.5	14.
5.6	22.0	1992.8	800.0	11.8	7.4	224.1	17.0	11.8	12.2	304.8	327.4	8.1	74.2	4.3	19.
6.6	24.5	2258.6	775.0	11.7	0.5	244.7	16.9	15.3	7.2	307.1	321.9	5.1	46.2	5.1	25.
7.5	26.9	2533.4	750.0	12.2	-11.5	249.7	19.0	17.8	6.6	310.1	316.6	2.1	17.8	5.9	33.
8.6	29.3	2816.0	725.0	10.1	-12.9	249.3	19.1	17.9	6.8	310.8	316.8	1.9	18.3	6.9	39.
9.7	32.0	3106.1	700.0	7.8	-14.0	246.4	21.2	19.4	8.5	311.3	317.1	1.8	19.6	8.1	43.
10.8	34.7	3404.4	675.0	5.1	-14.6	248.1	20.6	19.1	7.7	311.5	317.2	1.8	22.5	9.4	47.
12.0	37.2	3710.7	650.0	2.1	-15.4	251.7	20.0	19.5	6.5	311.5	317.1	1.8	26.0	10.7	50.
13.1	40.1	4025.5	625.0	-0.9	-17.9	251.2	20.0	19.0	6.5	311.6	316.3	1.5	26.1	12.1	52.
14.3	42.7	4345.8	600.0	-3.2	-20.0	254.9	19.8	19.1	5.1	312.5	316.7	1.3	25.8	13.3	54.
15.5	45.7	4684.7	575.0	-6.4	-22.1	265.4	20.7	20.6	1.7	312.6	316.2	1.1	27.4	14.7	57.
16.7	48.8	5030.4	550.0	-9.1	-25.1	268.3	23.2	23.2	0.7	313.4	316.3	0.9	25.9	16.0	60.
17.9	51.6	5390.2	525.0	-9.9	-30.6	261.6	28.1	27.8	4.1	316.6	318.5	0.6	16.4	17.8	62.
19.3	55.0	5765.0	500.0	-12.0	-33.1	250.6	29.1	27.5	9.7	318.5	320.1	0.5	15.3	20.1	64.
20.7	58.1	6155.1	475.0	-15.4	-36.3	248.4	31.9	29.6	11.7	318.9	320.2	0.4	14.7	22.5	64.
22.1	61.6	6561.7	450.0	-18.0	-37.0	249.2	32.5	30.4	11.6	320.6	321.9	0.4	17.0	25.3	65.
23.7	65.1	6986.0	425.0	-21.5	-37.2	254.9	33.4	32.2	8.7	321.5	322.8	0.4	22.5	28.4	66.
25.2	68.7	7429.2	400.0	-25.6	-41.3	256.6	33.6	32.7	7.8	321.7	322.6	0.3	21.3	31.5	67.
27.0	72.5	7894.3	375.0	-29.2	-34.6	258.4	31.8	31.1	6.4	322.9	324.8	0.5	59.2	34.6	68.
28.9	76.7	8383.6	350.0	-32.9	-39.8	259.4	36.1	35.5	6.6	324.4	325.6	0.3	49.7	38.3	69.
30.6	80.9	8901.1	325.0	-36.8	-45.3	257.0	35.1	34.2	7.9	325.9	326.6	0.2	40.4	42.5	70.
32.4	85.3	9450.4	300.0	-41.2	99.9	256.7	37.8	36.8	8.7	327.3	999.9	99.9	999.9	46.3	70.
34.6	90.0	10035.0	275.0	-46.3	99.9	262.2	31.2	30.9	4.3	328.2	999.9	99.9	999.9	51.1	71.
36.9	95.2	10662.8	250.0	-50.3	99.9	259.7	39.8*	39.1	7.1	331.3	999.9	99.9	999.9	55.7	72.
39.3	100.5	11341.1	225.0	-55.7	99.9	264.3	33.3*	33.2	3.3	333.2	999.9	99.9	999.9	61.9	73.
42.0	106.5	12082.9	200.0	-60.5	99.9	260.6	32.1*	31.7	5.3	337.0	999.9	99.9	999.9	66.1	74.
44.7	112.8	12909.1	175.0	-62.8	99.9	260.1	31.5*	31.0	5.4	346.3	999.9	99.9	999.9	71.5	74.
47.9	119.8	13868.6	150.0	-60.0	99.9	254.1	30.2*	29.0	8.3	366.7	999.9	99.9	999.9	77.3	74.
51.6	127.7	15010.2	125.0	-59.1	99.9	258.8	29.8*	29.3	5.8	388.0	999.9	99.9	999.9	84.5	75.
56.1	136.0	16399.4	100.0	-60.3	99.9	263.7	25.0*	24.9	2.7	411.3	999.9	99.9	999.9	91.2	75.
62.0	144.3	18189.3	75.0	-66.1	99.9	262.7	12.1*	12.0	1.5	434.4	999.9	99.9	999.9	96.5	75.
69.6	153.0	20702.1	50.0	-57.7	99.9	310.7	7.4	5.6	-4.8	507.6	999.9	99.9	999.9	99.7	76.
81.6	161.7	25170.3	25.0	-50.5	99.9	321.4	4.6	2.9	-3.6	639.7	999.9	99.9	999.9	101.5	77.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1715 GMT

144 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	1095.0	887.0	22.5	-3.7	340.0	5.1	1.7	-4.8	306.4	316.1	3.3	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	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.2	1212.6	875.0	20.4	-3.3	10.5	4.6	-0.8	-4.5	305.5	315.5	3.4	20.0	0.2	155.
1.0	16.1	1461.4	850.0	17.6	-5.5	355.0	4.6	0.4	-4.6	305.0	313.8	3.0	20.2	0.3	170.
1.8	18.3	1715.9	825.0	16.7	-7.2	339.9	4.7	1.6	-4.4	306.6	314.7	2.7	18.7	0.5	166.
2.5	20.4	1976.5	800.0	14.3	-9.1	336.2	3.3	1.3	-3.1	306.7	313.9	2.4	18.9	0.7	165.
3.3	22.5	2243.1	775.0	12.2	-10.7	310.7	4.7	3.6	-3.1	307.2	313.8	2.2	19.0	0.9	161.
4.1	24.7	2516.6	750.0	10.3	-12.2	283.4	5.8	5.6	-1.3	308.0	314.1	2.0	19.1	1.1	151.
4.9	26.8	2797.0	725.0	7.8	-14.1	256.4	7.9	7.6	1.9	308.3	313.7	1.8	19.3	1.3	138.
5.8	29.2	3085.0	700.0	5.7	-13.6	251.2	9.2	8.7	3.0	309.0	314.9	1.9	23.3	1.5	123.
6.6	31.7	3380.8	675.0	2.9	-15.2	254.2	9.4	9.1	2.6	309.1	314.5	1.7	24.9	1.8	110.
7.7	34.2	3694.8	650.0	0.4	-15.1	260.0	10.2	10.0	1.8	309.6	315.2	1.8	30.1	2.4	192.
8.6	36.5	3998.0	625.0	-2.0	-17.5	259.7	11.5	11.3	2.1	310.4	315.2	1.6	29.3	3.0	98.
9.7	39.1	4321.6	600.0	-3.4	-24.6	258.5	14.0	13.8	2.8	312.2	315.1	0.9	17.5	3.7	94.
10.8	41.6	4657.2	575.0	-5.1	-28.3	252.1	17.5	16.6	5.4	314.0	316.2	0.6	14.2	4.7	90.
11.9	44.3	5005.3	550.0	-6.6	-29.3	247.8	21.2	19.6	8.0	316.3	318.4	0.6	14.3	6.0	86.
13.0	47.1	5367.0	525.0	-8.6	-30.9	246.5	23.6	21.6	9.4	318.1	320.0	0.5	14.5	7.4	82.
14.1	50.1	5743.0	500.0	-11.7	-33.2	242.8	27.1	24.1	12.4	318.7	320.3	0.5	14.7	9.0	79.
15.2	52.9	6133.7	475.0	-14.8	-35.6	241.9	28.5	25.1	13.4	319.7	321.0	0.4	15.0	10.7	76.
16.4	55.8	6540.7	450.0	-17.9	-28.7	244.2	29.9	26.9	13.0	320.8	323.5	0.8	38.4	12.7	74.
17.6	58.9	6965.7	425.0	-21.0	-29.7	247.5	30.8	28.5	11.8	322.1	324.7	0.8	45.1	15.0	73.
19.0	62.3	7410.3	400.0	-24.9	-34.1	248.8	31.7	29.6	11.5	322.7	324.5	0.5	41.7	17.6	72.
20.4	65.6	7876.5	375.0	-28.5	-37.1	249.6	34.2	32.1	11.9	323.9	325.4	0.4	43.0	20.4	72.
22.0	69.1	8366.6	350.0	-32.7	-40.6	249.4	35.2	32.9	12.4	324.6	325.7	0.3	44.7	23.6	71.
23.6	72.6	8883.9	325.0	-37.1	-43.9	246.1	35.9	32.8	14.5	325.5	326.3	0.2	46.5	27.2	71.
25.4	76.6	9432.5	300.0	-41.2	99.9	246.0	35.9	32.8	14.6	327.3	329.9	99.9	99.9	30.7	70.
27.3	80.6	10018.0	275.0	-45.7	99.9	247.9	37.3	34.5	14.0	329.1	331.4	99.9	99.9	35.1	70.
29.2	85.0	10646.1	250.0	-50.2	99.9	247.4	38.0	35.1	14.6	331.4	333.4	99.9	99.9	39.3	70.
31.2	89.6	11327.0	225.0	-55.1	99.9	249.8	44.8	42.0	15.5	334.1	336.1	99.9	99.9	44.4	70.
33.7	94.6	12071.2	200.0	-59.2	99.9	253.0	41.9	40.1	12.3	339.1	341.1	99.9	99.9	50.1	70.
36.5	100.0	12901.6	175.0	-61.5	99.9	249.5	43.8	41.0	15.4	348.5	350.5	99.9	99.9	55.7	70.
39.7	106.0	13863.8	150.0	-58.8	99.9	266.0	21.3	21.3	1.5	368.8	370.8	99.9	99.9	64.5	70.
43.5	112.7	15009.2	125.0	-59.4	99.9	255.4	38.8	37.5	9.8	387.4	389.4	99.9	99.9	70.9	71.
48.1	120.7	16406.3	100.0	-59.9	99.9	253.4	23.9	22.9	6.8	412.0	414.0	99.9	99.9	79.7	72.
53.4	130.0	18202.3	75.0	-60.4	99.9	254.7	35.3	34.0	9.2	446.4	448.4	99.9	99.9	85.4	72.
60.4	141.0	20729.0	50.0	-54.3	99.9	72.3	14.8	-14.1	-4.5	515.6	517.6	99.9	99.9	90.9	72.
71.2	154.0	25197.6	25.0	-51.9	99.9	238.4	8.5	7.2	4.4	635.4	637.4	99.9	99.9	92.6	73.

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

STATION NO. 402
WALLOPS ISLAND, VA

24 APRIL 1975
1715 GMT

158 18. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	4.0	1015.6	13.3	10.5	999.9	99.9	99.9	99.9	286.2	306.4	7.9	83.0	999.9	999.
0.4	5.5	136.3	1000.0	18.6	12.6	999.9	99.9	99.9	99.9	293.0	317.3	9.3	68.1	999.9	999.
1.2	7.6	354.4	975.0	19.3	12.8	999.9	99.9	99.9	99.9	295.9	321.3	9.6	66.0	999.9	999.
1.8	9.9	577.4	950.0	17.3	11.6	999.9	99.9	99.9	99.9	296.0	320.1	9.1	69.3	999.9	999.
2.7	11.3	804.7	925.0	16.4	9.6	999.9	99.9	99.9	99.9	297.1	319.1	8.2	64.4	999.9	999.
3.5	14.1	1039.1	900.0	17.5	8.2	999.9	99.9	99.9	99.9	300.6	321.4	7.6	54.3	999.9	999.
4.1	16.1	1279.2	875.0	15.4	7.0	999.9	99.9	99.9	99.9	300.8	320.6	7.2	57.2	999.9	999.
4.8	18.5	1524.7	850.0	13.9	6.4	999.9	99.9	99.9	99.9	301.7	321.3	7.1	60.5	999.9	999.
5.5	20.7	1776.0	825.0	11.7	5.5	999.9	99.9	99.9	99.9	301.9	321.0	6.9	65.5	999.9	999.
6.2	23.1	2032.9	800.0	9.9	4.9	999.9	99.9	99.9	99.9	302.6	321.6	6.8	71.2	999.9	999.
7.1	25.4	2296.3	775.0	7.5	4.7	999.9	99.9	99.9	99.9	302.8	322.0	6.9	82.2	999.9	999.
7.8	27.8	2565.8	750.0	5.4	4.2	999.9	99.9	99.9	99.9	303.3	322.7	6.9	92.2	999.9	999.
8.7	30.4	2842.5	725.0	3.4	2.2	999.9	99.9	99.9	99.9	304.0	321.5	6.2	91.7	999.9	999.
9.5	33.1	3126.8	700.0	1.7	0.7	999.9	99.9	99.9	99.9	305.1	321.4	5.8	93.1	999.9	999.
10.5	35.6	3419.8	675.0	0.0	-1.8	999.9	99.9	99.9	99.9	306.3	320.7	5.0	87.7	999.9	999.
11.3	38.3	3721.9	650.0	-1.4	-4.1	999.9	99.9	99.9	99.9	307.9	320.6	4.4	81.9	999.9	999.
12.2	41.0	4033.4	625.0	-3.7	-5.7	999.9	99.9	99.9	99.9	308.7	320.5	4.0	86.3	999.9	999.
13.2	43.7	4354.6	600.0	-5.9	-7.1	999.9	99.9	99.9	99.9	309.8	320.9	3.7	90.8	999.9	999.
14.3	46.9	4687.0	575.0	-8.8	-18.1	999.9	99.9	99.9	99.9	309.8	315.0	1.7	48.3	999.9	999.
15.3	50.0	5029.8	550.0	-11.0	-22.3	999.9	99.9	99.9	99.9	311.1	314.8	1.2	38.6	999.9	999.
16.4	52.9	5386.2	525.0	-12.7	-21.6	999.9	99.9	99.9	99.9	313.3	317.5	1.3	47.1	999.9	999.
17.4	55.9	5758.8	500.0	-13.2	-21.4	999.9	99.9	99.9	99.9	317.0	321.5	1.4	50.2	999.9	999.
18.6	59.3	6148.8	475.0	-14.5	-26.8	999.9	99.9	99.9	99.9	320.1	323.1	0.9	34.1	999.9	999.
19.7	62.7	6556.1	450.0	-17.5	-31.1	999.9	99.9	99.9	99.9	321.3	323.4	0.6	29.1	999.9	999.
21.1	66.1	6982.1	425.0	-20.2	-34.6	999.9	99.9	99.9	99.9	323.1	324.8	0.5	26.1	999.9	999.
22.5	70.0	7427.8	400.0	-24.3	-35.9	999.9	99.9	99.9	99.9	323.4	325.0	0.4	33.1	999.9	999.
24.0	73.7	7895.1	375.0	-28.1	-39.0	999.9	99.9	99.9	99.9	324.4	325.6	0.3	34.0	999.9	999.
25.4	77.8	8385.8	350.0	-32.3	-44.5	999.9	99.9	99.9	99.9	325.1	325.8	0.2	28.5	999.9	999.
27.1	81.8	8904.5	325.0	-36.5	-47.7	999.9	99.9	99.9	99.9	326.3	326.7	0.1	24.0	999.9	999.
29.0	86.2	9454.0	300.0	-41.1	99.9	999.9	99.9	99.9	99.9	327.5	999.9	99.9	999.9	999.9	999.
30.9	91.0	10038.2	275.0	-46.2	99.9	999.9	99.9	99.9	99.9	328.3	999.9	99.9	999.9	999.9	999.
32.5	95.8	10664.5	250.0	-51.4	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
34.7	101.0	11338.4	225.0	-57.9	99.9	999.9	99.9	99.9	99.9	329.8	999.9	99.9	999.9	999.9	999.
36.6	106.8	12073.2	200.0	-62.4	99.9	999.9	99.9	99.9	99.9	333.9	999.9	99.9	999.9	999.9	999.
39.0	112.8	12890.3	175.0	-64.8	99.9	999.9	99.9	99.9	99.9	343.0	999.9	99.9	999.9	999.9	999.
41.7	119.3	13829.0	150.0	-64.2	99.9	999.9	99.9	99.9	99.9	359.5	999.9	99.9	999.9	999.9	999.
45.4	126.7	14956.4	125.0	-58.1	99.9	999.9	99.9	99.9	99.9	389.8	999.9	99.9	999.9	999.9	999.
49.7	134.7	16364.5	100.0	-60.9	99.9	999.9	99.9	99.9	99.9	410.1	999.9	99.9	999.9	999.9	999.
55.0	142.3	18134.7	75.0	-63.3	99.9	999.9	99.9	99.9	99.9	440.3	999.9	99.9	999.9	999.9	999.
61.8	150.3	20654.8	50.0	-57.6	99.9	999.9	99.9	99.9	99.9	507.9	999.9	99.9	999.9	999.9	999.
72.6	158.7	25100.1	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.7	999.9	99.9	999.9	999.9	999.

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

STATION NO. 405
STERLING, VA

24 APRIL 1975
1736 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	85.0	1001.7	23.9	14.6	210.0	8.2	4.1	7.1	298.3	326.3	10.5	56.0	0.0	0.
0.1	6.1	99.8	1000.0	23.6	99.9	53.2	11.0	-8.8	-6.6	296.7	999.9	99.9	999.9	1.0	24.
0.7	8.5	319.3	975.0	21.9	99.9	56.6	6.5	-5.4	-3.6	297.2	999.9	99.9	999.9	0.9	18.
1.3	10.8	543.2	950.0	19.6	99.9	208.9	5.9	2.9	5.2	298.1	999.9	99.9	999.9	0.8	16.
2.1	13.2	772.2	925.0	17.5	11.5	213.5	10.9	6.0	9.1	298.5	323.4	9.3	68.0	1.3	21.
3.0	15.6	1005.8	900.0	15.1	11.2	221.5	11.6	7.7	8.7	298.3	323.4	9.4	77.5	1.9	27.
3.8	18.0	1243.9	875.0	13.0	10.6	229.8	13.9	10.6	9.0	298.5	323.3	9.3	85.8	2.5	31.
4.7	20.5	1387.7	850.0	11.5	9.8	246.2	17.6	16.1	7.1	299.4	323.7	9.0	88.8	3.2	38.
5.7	23.0	1737.6	825.0	11.3	8.6	260.1	19.0	18.7	3.3	301.6	324.9	8.5	83.5	4.2	47.
6.9	25.6	1995.2	800.0	11.0	6.3	264.1	18.6	18.5	1.9	303.9	324.8	7.5	73.0	5.3	56.
8.0	28.1	2259.9	775.0	9.5	4.9	260.8	16.8	16.6	2.7	304.9	324.6	7.0	73.0	6.4	61.
9.0	30.9	2531.3	750.0	7.3	3.5	257.3	16.7	16.3	3.7	305.4	324.0	6.6	76.9	7.3	63.
9.8	33.7	2810.0	725.0	5.5	2.5	256.8	17.1	16.7	3.9	306.3	324.2	6.3	81.1	8.1	64.
10.7	36.4	3096.3	700.0	3.2	1.5	258.1	18.6	18.2	3.8	306.8	324.2	6.1	88.8	9.7	66.
11.5	39.1	3390.3	675.0	1.1	-0.0	257.7	20.2	19.8	4.3	307.6	323.8	5.7	92.4	10.0	67.
12.4	41.9	3693.4	650.0	-0.8	-1.7	254.4	21.2	20.4	5.7	308.7	323.8	5.2	94.0	11.0	68.
13.4	44.9	4006.4	625.0	-2.2	-5.9	248.3	23.6	21.9	8.7	310.4	322.1	4.0	76.0	12.3	68.
14.4	47.9	4329.5	600.0	-4.7	-9.3	248.3	26.4	24.6	9.8	311.1	320.6	3.2	70.2	14.0	68.
15.7	50.8	4663.4	575.0	-7.0	-11.8	249.7	27.9	26.1	9.7	312.1	320.3	2.7	68.4	16.0	68.
17.0	54.0	5008.6	550.0	-9.2	-13.2	250.2	26.8	25.3	9.1	313.4	321.2	2.5	73.1	18.3	68.
18.2	57.1	5367.7	525.0	-11.0	-15.4	252.5	24.7	23.5	7.4	315.4	322.3	2.2	70.2	20.2	69.
19.3	60.5	5741.6	500.0	-13.0	-19.0	259.8	20.9	20.6	3.7	317.4	322.9	1.7	60.4	21.6	69.
20.4	63.9	6131.0	475.0	-15.2	-22.9	265.8	19.2	19.1	1.4	319.2	323.4	1.3	52.0	22.9	70.
21.6	67.1	6537.7	450.0	-17.9	-24.5	265.6	18.8	18.7	1.4	320.8	324.7	1.2	55.4	24.2	71.
22.9	70.6	6963.1	425.0	-20.9	-26.7	264.6	20.4	20.3	1.9	322.2	325.6	1.0	59.4	25.7	72.
24.4	74.3	7408.4	400.0	-24.1	-29.6	267.7	20.4	20.4	0.8	323.8	326.5	0.8	59.8	27.5	73.
25.9	78.2	7876.3	375.0	-27.4	-33.9	267.2	19.7	19.7	1.0	325.3	327.3	0.6	53.9	29.3	73.
27.6	82.0	8368.9	350.0	-31.1	-38.6	270.6	23.2	23.2	-0.2	326.8	328.1	0.4	47.1	31.3	75.
29.2	86.0	8889.5	325.0	-35.5	-43.1	269.8	24.7	24.7	0.1	327.7	328.6	0.3	45.3	33.5	76.
30.9	90.5	9441.4	300.0	-40.3	-49.9	276.4	25.2	25.0	-2.8	328.6	999.9	99.9	999.9	35.7	77.
32.7	95.1	10029.0	275.0	-45.9	-59.9	278.9	23.6	23.3	-3.6	328.7	999.9	99.9	999.9	38.1	78.
34.5	99.8	10654.4	250.0	-51.6	-69.9	282.4	26.4	25.8	-5.7	329.3	999.9	99.9	999.9	40.8	80.
36.6	104.8	11328.2	225.0	-58.0	-80.9	283.6	30.5	29.6	-7.1	329.6	999.9	99.9	999.9	44.1	82.
38.9	110.4	12059.2	200.0	-64.8	-90.9	287.1	40.1	38.3	-11.8	330.1	999.9	99.9	999.9	48.9	84.
41.5	116.0	12878.3	175.0	-64.0	-99.9	283.2	20.5	19.9	-4.7	344.3	999.9	99.9	999.9	53.1	86.
44.9	122.8	13817.7	150.0	-62.7	-99.9	282.6	25.8	25.1	-5.6	362.0	999.9	99.9	999.9	57.6	87.
48.7	130.0	14957.1	125.0	-59.2	-99.9	269.4	27.7	27.7	0.3	387.8	999.9	99.9	999.9	63.4	84.
53.8	137.7	16362.4	100.0	-57.4	-99.9	286.7	15.1	14.5	-4.3	416.8	999.9	99.9	999.9	70.3	89.
59.8	145.7	18139.2	75.0	-65.2	-99.9	315.1	13.4	9.4	-9.5	436.3	999.9	99.9	999.9	74.5	91.
67.8	154.7	20666.8	50.0	-57.2	-99.9	346.2	5.2	1.2	-5.0	508.9	999.9	99.9	999.9	75.6	92.
79.8	164.5	25101.3	25.0	-51.9	-99.9	22.5	2.2	-0.8	-2.0	635.6	999.9	99.9	999.9	76.1	93.

* BY SPEED MEANS ELEVATION 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. 425
HUNTINGTON, WVA

24 APRIL 1975
1730 GMT

139 76. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	8.1	246.0	981.4	18.3	16.1	270.0	10.3	10.3	0.0	294.6	325.4	11.8	87.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	8.7	302.3	975.0	17.9	16.1	295.2	11.7	10.6	-5.0	296.8	325.8	11.9	88.9	0.2	91.
0.9	10.7	524.8	950.0	17.1	15.2	301.5	12.3	10.5	-6.4	296.1	326.4	11.6	88.5	0.5	129.
1.6	13.4	753.0	925.0	16.4	13.7	270.9	12.3	12.3	-0.2	297.5	326.0	10.7	83.9	1.0	121.
2.3	15.7	986.4	900.0	14.8	13.7	249.2	16.2	15.1	5.8	298.2	327.6	11.0	93.1	1.6	103.
3.0	18.2	1224.8	875.0	13.4	13.0	240.6	13.4	11.6	6.6	299.2	328.1	10.8	97.0	2.0	93.
3.9	20.6	1469.1	850.0	12.0	11.5	240.2	18.1	15.7	9.0	300.1	327.2	10.1	96.3	2.6	83.
4.7	23.1	1719.1	825.0	10.4	9.3	237.4	20.5	17.3	11.1	300.8	325.2	9.0	92.6	3.7	77.
6.1	25.6	1975.5	800.0	9.2	5.8	243.0	23.3	20.8	10.6	301.9	321.9	7.3	79.2	5.5	71.
7.7	28.2	2238.1	775.0	7.3	3.7	241.1	27.5	24.0	13.3	302.5	320.5	6.5	78.0	7.7	68.
9.0	30.7	2507.4	750.0	4.7	1.4	245.0	29.0	26.3	12.2	302.4	318.2	5.7	79.2	10.0	67.
10.5	33.7	2783.1	725.0	2.2	-1.3	247.4	29.5	27.2	11.4	302.5	316.2	4.8	77.9	12.8	67.
11.7	36.2	3065.8	700.0	0.5	-2.2	245.6	26.9	24.5	11.1	303.7	317.0	4.7	81.6	14.7	67.
12.9	39.1	3356.1	675.0	-1.4	-3.9	244.6	25.8*	23.3	11.0	304.6	316.9	4.3	83.4	16.7	67.
14.5	41.8	3658.9	650.0	0.1	-1.5	247.3	28.1*	26.0	10.9	309.7	325.1	5.3	89.4	19.3	67.
16.0	44.8	3974.0	625.0	-0.8	-2.7	246.7	23.7*	22.1	8.6	312.1	326.9	5.0	87.3	21.7	67.
17.6	47.8	4298.6	600.0	-3.4	-6.4	248.2	29.9*	27.7	11.1	312.7	324.5	4.0	79.9	24.2	67.
19.0	50.7	4634.5	575.0	-5.0	-9.7	247.7	26.1*	24.2	9.9	314.5	324.2	3.2	69.4	26.6	67.
20.7	53.8	4983.0	550.0	-6.7	-12.2	246.7	28.3*	26.0	11.2	316.4	324.8	2.7	64.9	29.3	67.
22.4	56.9	5345.1	525.0	-8.9	-14.7	248.3	27.1*	25.2	10.0	318.0	325.3	2.3	62.5	32.0	67.
24.3	60.1	5722.0	500.0	-10.9	-16.9	248.5	32.5*	30.2	11.9	319.9	326.4	2.0	61.4	35.3	67.
26.0	63.6	6114.6	475.0	-13.4	-19.4	248.5	30.4*	28.3	11.1	321.5	327.2	1.7	60.5	38.9	67.
27.4	66.7	6524.6	450.0	-15.6	-21.6	246.1	32.3*	29.5	13.1	323.7	329.7	1.5	59.9	41.5	67.
28.9	70.4	6953.6	425.0	-18.5	-24.9	248.6	35.7*	33.3	13.0	325.3	329.9	99.9	999.9	44.4	67.
30.5	74.0	7402.9	400.0	-21.6	-28.9	256.3	31.2*	30.3	7.4	327.0	329.9	99.9	999.9	47.7	68.
32.6	78.0	7875.1	375.0	-25.0	-33.0	260.8	32.0*	31.6	5.1	328.5	329.9	99.9	999.9	51.5	69.
34.2	81.8	8373.1	350.0	-28.7	-37.9	260.8	30.6*	30.2	4.9	330.1	329.9	99.9	999.9	54.6	69.
36.1	85.9	8899.7	325.0	-32.4	-42.8	262.8	31.2*	31.0	3.9	332.0	329.9	99.9	999.9	58.1	70.
38.1	90.2	9458.1	300.0	-37.5	-48.9	258.8	33.2*	32.5	6.4	332.6	329.9	99.9	999.9	61.7	71.
40.0	95.0	10051.8	275.0	-42.6	-55.9	260.7	34.5*	34.1	5.6	333.5	329.9	99.9	999.9	65.6	71.
42.0	99.6	10697.5	250.0	-48.3	-63.9	264.8	33.7*	33.6	3.1	334.3	329.9	99.9	999.9	69.7	72.
44.1	104.9	11371.0	225.0	-54.8	-72.9	270.4	36.5*	36.5	-0.2	334.5	329.9	99.9	999.9	74.0	73.
46.4	110.4	12112.3	200.0	-61.4	-81.9	269.8	27.2*	27.2	0.1	335.5	329.9	99.9	999.9	78.2	74.
48.9	116.3	12928.8	175.0	-65.1	-87.9	278.0	30.3*	30.0	-4.2	342.6	329.9	99.9	999.9	82.1	75.
51.7	123.0	13880.6	150.0	-60.3	-80.3	280.8	26.3*	25.8	-4.9	366.2	329.9	99.9	999.9	86.7	76.
55.0	130.3	15025.0	125.0	-57.2	-72.2	260.2	26.7*	26.3	4.5	391.4	329.9	99.9	999.9	91.8	77.
59.1	138.0	16429.2	100.0	-59.1	-72.9	278.3	15.3*	15.1	-2.2	413.7	329.9	99.9	999.9	98.1	77.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
1715 GMT

118 124. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	298.0	974.6	16.2	14.4	300.0	3.1	2.7	-1.5	292.9	320.6	10.7	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	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	10.5	515.5	950.0	14.6	13.0	303.0	8.4	7.0	-4.6	293.4	319.4	10.0	89.8	0.2	122.
1.8	12.7	741.1	925.0	13.2	11.7	307.4	5.7	4.6	-3.5	294.0	318.7	9.4	90.7	0.6	124.
2.7	15.2	971.3	900.0	11.2	10.0	300.5	5.0	4.3	-2.5	294.2	317.0	8.6	92.6	0.9	125.
3.7	17.4	1206.9	875.0	10.3	9.2	281.4	5.1	5.0	-1.0	295.5	317.9	8.4	93.0	1.2	122.
4.6	19.9	1448.0	850.0	8.9	7.9	271.7	6.0	6.0	-0.2	296.5	317.6	7.9	93.3	1.5	110.
5.5	22.2	1695.2	825.0	7.4	6.3	247.0	5.0	4.6	2.0	297.4	317.1	7.3	92.5	1.7	110.
6.4	24.7	1948.6	800.0	6.4	4.6	253.9	6.9	6.6	1.9	298.9	317.2	6.7	87.9	1.9	104.
7.3	27.0	2209.3	775.0	5.8	4.0	246.6	8.4	7.7	3.3	300.9	319.2	6.6	88.4	2.3	99.
8.1	29.7	2477.9	750.0	5.1	2.7	250.0	10.0	9.5	3.3	302.9	320.4	6.2	84.5	2.7	93.
9.0	32.3	2754.8	725.0	3.8	1.3	256.5	11.7	11.4	2.7	304.4	320.8	5.8	83.7	3.3	90.
10.0	35.1	3039.1	700.0	1.5	0.1	257.6	13.8	13.5	3.0	304.9	320.6	5.5	90.2	4.0	88.
11.2	37.7	3332.2	675.0	0.2	-0.9	257.9	15.6	15.3	3.3	306.5	321.8	5.3	92.7	5.0	86.
12.3	40.4	3634.5	650.0	-1.3	-2.3	260.2	17.1	16.8	2.9	308.1	322.5	5.0	92.6	6.1	84.
13.4	43.1	3947.0	625.0	-2.2	-6.1	265.7	16.5	16.5	1.2	310.4	321.9	3.9	75.1	7.3	84.
14.8	46.0	4271.9	600.0	-2.0	-9.3	271.0	14.1	14.1	-0.2	314.2	323.8	3.1	56.8	8.5	85.
16.1	49.1	4609.2	575.0	-4.4	-11.3	270.1	15.6	15.6	-0.0	315.2	323.9	2.8	58.3	9.7	85.
17.4	51.9	4958.4	550.0	-6.6	-13.7	272.0	17.1	17.1	-0.6	316.6	324.1	2.4	56.8	10.9	86.
18.9	55.1	5320.8	525.0	-8.4	-15.5	267.7	22.3	22.2	0.9	318.6	325.4	2.2	56.2	12.7	87.
20.2	58.0	5657.7	500.0	-10.9	-18.1	267.3	21.7	21.6	1.0	319.9	325.8	1.8	55.4	14.5	87.
21.6	61.3	6090.1	475.0	-13.2	-21.6	269.7	22.8	22.8	0.1	321.8	326.5	1.4	49.2	16.4	87.
23.2	64.7	6499.6	450.0	-16.4	-25.0	272.5	25.1	25.0	-1.1	322.7	326.4	1.1	47.1	18.6	87.
24.8	67.9	6927.1	425.0	-19.4	-28.7	271.1	26.4	26.4	-0.5	324.1	327.0	0.8	43.3	21.1	88.
26.6	71.4	7374.8	400.0	-23.1	-31.1	267.2	26.3	26.2	1.3	325.0	327.4	0.7	47.8	23.9	88.
28.2	75.0	7843.9	375.0	-26.4	-34.4	261.2	24.9	24.6	3.8	326.6	328.5	0.5	46.8	26.5	88.
30.1	79.0	8338.7	350.0	-30.3	-38.9	252.5	26.9	25.6	8.1	327.9	329.3	0.4	42.4	29.2	87.
31.9	82.8	8861.4	325.0	-34.4	-43.1	251.7	30.0	28.5	9.4	329.2	330.1	0.3	40.6	32.2	85.
33.9	86.8	9416.2	300.0	-38.7	-47.2	243.4	26.0	23.2	11.7	330.7	331.4	0.2	39.8	34.8	84.
35.9	91.2	10007.2	275.0	-43.7	99.9	241.3	30.4	26.6	14.6	332.0	999.9	99.9	999.9	38.3	82.
39.0	95.8	10639.9	250.0	-49.3	99.9	240.3	39.4	34.3	19.5	332.7	999.9	99.9	999.9	42.5	80.
40.2	100.7	11320.5	225.0	-55.8	99.9	238.3	38.7	32.9	20.3	333.0	999.9	99.9	999.9	47.1	78.
42.6	106.0	12058.9	200.0	-61.9	99.9	241.5	30.5	28.8	14.6	334.8	999.9	99.9	999.9	52.4	76.
45.3	111.5	12874.0	175.0	-65.7	99.9	259.5	32.6	32.1	6.0	341.6	999.9	99.9	999.9	58.1	75.
48.3	117.5	13826.1	150.0	-60.7	99.9	274.1	25.3	25.2	-1.8	365.6	999.9	99.9	999.9	63.1	77.
52.2	124.7	14970.1	125.0	-57.4	99.9	999.9	99.9	99.9	99.9	391.0	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

240

STATION NO. 433
SALEM, ILL

24 APRIL 1975
1756 GMT

148 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.4	175.0	990.3	18.9	15.4	360.0	5.7	0.0	-5.7	294.4	323.6	11.2	80.0	0.0	0.
99.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	6.5	308.7	975.0	17.0	13.7	351.9	3.9	0.6	-3.9	293.6	320.2	10.2	81.0	0.2	189.
1.2	8.5	529.9	950.0	14.9	13.1	353.9	4.2	0.4	-4.2	293.7	319.9	10.0	88.7	0.3	152.
1.9	10.4	755.6	925.0	13.0	11.7	348.1	3.2	0.7	-3.1	293.9	318.6	9.4	91.7	0.5	179.
2.6	12.3	985.8	900.0	11.4	10.4	293.2	1.6	1.5	-0.6	294.4	317.8	8.9	93.4	0.6	175.
3.5	14.3	1221.6	875.0	10.9	9.2	242.9	3.5	3.1	1.6	296.3	318.8	8.4	89.4	0.6	164.
4.3	16.3	1463.8	850.0	10.4	6.4	244.7	7.7	7.0	3.3	298.0	317.4	7.1	76.3	0.5	178.
5.1	18.5	1712.2	825.0	9.3	4.6	246.3	11.6	10.7	4.7	299.2	317.0	6.5	72.6	0.9	107.
5.9	20.6	1967.3	800.0	8.0	3.2	244.7	14.3	12.9	6.1	300.5	317.3	6.1	71.8	1.4	90.
6.7	22.9	2228.8	775.0	6.3	1.3	245.7	16.1	14.7	6.6	301.3	316.6	5.5	70.4	2.1	81.
7.5	25.1	2497.9	750.0	6.0	-1.0	249.3	17.0	15.9	6.0	303.7	317.2	4.8	60.9	2.9	77.
8.5	27.2	2776.1	725.0	6.9	-5.8	258.7	17.9	17.6	3.5	307.5	317.6	3.4	39.8	3.8	76.
9.4	29.6	3063.7	700.0	5.4	-9.7	267.7	18.6	18.8	0.8	308.8	316.7	2.6	32.6	4.9	78.
10.2	32.1	3359.7	675.0	3.6	-11.9	273.0	19.7	19.7	-1.0	309.9	316.9	2.3	31.1	5.8	60.
11.2	34.6	3665.4	650.0	1.8	-14.3	276.9	21.1	20.9	-2.5	311.2	317.3	1.9	29.1	7.0	63.
12.2	37.0	3990.2	625.0	-0.2	-18.4	277.9	23.0	22.8	-3.2	312.4	316.9	1.4	23.7	8.2	85.
13.3	39.7	4306.1	600.0	-1.9	-24.4	280.3	24.6	24.2	-4.4	314.0	316.9	0.9	15.8	9.8	87.
14.4	42.1	4642.6	575.0	-4.2	-25.8	284.1	25.4	24.7	-6.2	315.2	317.9	0.8	16.6	11.4	89.
15.6	45.0	4991.6	550.0	-6.7	-30.5	282.5	27.8	27.2	-6.0	316.2	318.0	0.5	12.9	13.3	91.
16.8	47.9	5353.6	525.0	-8.7	-31.6	278.5	29.0	28.7	-4.3	318.0	319.8	0.5	13.6	15.3	93.
18.2	50.7	5729.4	500.0	-12.1	-33.9	275.0	29.0	28.9	-2.5	318.3	319.8	0.4	14.3	17.8	93.
19.5	53.6	6119.3	475.0	-15.1	-27.8	272.5	29.4	29.4	-1.3	319.4	322.1	0.8	32.7	19.9	93.
20.8	56.6	6525.9	450.0	-17.9	-31.2	267.1	31.7	31.7	1.6	320.7	323.0	0.7	32.0	22.4	93.
22.0	59.8	6950.4	425.0	-21.3	-33.6	265.1	32.7	32.5	2.8	321.6	323.5	0.5	32.0	24.7	92.
23.4	63.1	7394.3	400.0	-25.1	-36.6	263.5	35.5	35.3	4.0	322.3	323.8	0.4	33.3	27.3	91.
24.8	66.5	7860.6	375.0	-28.4	-43.6	262.7	34.0	33.8	4.3	323.9	324.7	0.2	21.4	30.4	91.
26.3	70.1	8350.4	350.0	-33.0	-47.3	267.2	34.4	34.4	1.7	324.2	324.8	0.1	21.9	33.4	90.
27.8	73.8	8866.7	325.0	-37.3	-50.2	265.2	34.2	34.1	2.9	325.2	325.6	0.1	24.3	36.8	90.
29.5	77.3	9414.5	300.0	-41.8	99.9	252.7	33.1	31.6	9.9	326.4	999.9	99.9	999.9	40.7	89.
31.5	81.8	10000.0	275.0	-45.6	99.9	248.3	33.8	31.4	12.5	329.2	999.9	99.9	999.9	43.6	87.
33.5	86.2	10627.8	250.0	-50.8	99.9	249.4	33.9	31.7	11.9	330.5	999.9	99.9	999.9	47.8	85.
35.5	91.0	11305.6	225.0	-56.2	99.9	262.3	37.6	37.2	5.0	332.5	999.9	99.9	999.9	51.7	85.
37.9	96.0	12045.0	200.0	-61.7	99.9	262.7	43.9	43.5	5.6	335.1	999.9	99.9	999.9	57.3	85.
40.6	101.3	12870.3	175.0	-60.4	99.9	266.4	31.6	31.6	2.0	350.2	999.9	99.9	999.9	63.5	85.
44.0	107.5	13836.8	150.0	-58.1	99.9	263.2	33.4	33.2	4.0	370.1	999.9	99.9	999.9	69.7	84.
47.9	114.3	14981.2	125.0	-59.7	99.9	255.9	23.5	22.8	5.7	366.9	997.9	99.9	999.9	76.5	84.
52.8	122.0	16376.7	100.0	-58.8	99.9	276.9	27.2	27.0	-3.3	414.1	999.9	99.9	999.9	83.5	83.
58.5	131.0	18159.2	75.0	-60.4	99.9	263.1	10.9	10.8	1.3	446.3	999.9	99.9	999.9	89.0	83.
66.4	142.0	20700.6	50.0	-56.3	99.9	261.5	11.8	11.7	1.8	510.8	999.9	99.9	999.9	92.4	83.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
1730 GMT

150 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	791.0	921.2	13.9	12.3	10.0	8.8	-1.5	-8.7	295.2	321.1	9.8	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	15.2	987.3	900.0	12.2	10.4	17.8	13.2	-4.0	-12.5	295.2	318.7	8.8	88.7	0.6	204.
1.6	17.4	1224.1	875.0	12.1	10.6	13.9	12.4	-3.0	-12.1	297.5	322.2	9.2	90.7	1.2	199.
2.5	19.9	1467.9	850.0	13.0	11.6	30.9	6.7	-3.5	-5.8	301.1	328.7	10.2	91.3	1.7	199.
3.2	22.1	1719.1	825.0	11.3	9.8	40.0	6.8	-4.4	-5.2	301.7	327.0	9.3	90.8	2.0	202.
4.2	24.7	1976.1	800.0	11.2	7.2	31.7	3.1	-1.6	-2.6	304.1	326.4	8.0	76.8	2.3	204.
5.1	27.0	2241.5	775.0	11.3	-3.5	93.2	1.3	-1.3	0.1	306.5	317.7	3.8	35.1	2.4	205.
5.9	29.6	2514.8	750.0	9.5	-8.0	175.9	1.7	-0.1	1.6	307.3	315.7	2.8	28.3	2.3	206.
6.8	32.2	2794.6	725.0	7.1	-16.7	219.9	1.5	1.0	1.2	307.5	311.9	1.4	16.4	2.2	207.
7.7	35.0	3081.6	700.0	5.0	-19.3	225.2	2.9	2.0	2.0	308.1	311.8	1.2	15.2	2.2	206.
8.6	37.4	3376.8	675.0	2.6	-25.6	224.9	4.8	3.4	3.4	308.6	310.9	0.7	10.3	2.0	204.
9.6	40.2	3680.2	650.0	-0.3	-24.0	229.5	6.6	5.0	4.3	308.7	311.4	0.8	14.7	1.6	199.
10.7	42.9	3992.2	625.0	-3.0	-24.4	231.4	7.6	5.9	4.7	309.1	311.8	0.8	17.2	1.3	198.
11.7	45.9	4313.8	600.0	-6.0	-24.6	243.7	8.2	7.3	3.6	309.3	312.1	0.9	21.2	1.0	168.
12.8	48.9	4645.5	575.0	-8.5	-23.2	252.4	10.5	10.0	3.2	310.1	313.4	1.0	29.4	1.1	136.
13.8	51.7	4988.8	550.0	-10.9	-23.7	245.2	13.8	12.5	5.8	311.3	314.6	1.0	33.7	1.6	111.
15.0	54.8	5345.0	525.0	-12.9	-31.8	243.1	16.4	14.6	7.4	312.9	314.6	0.5	18.6	2.4	90.
16.2	57.8	5715.3	500.0	-15.5	-34.1	246.2	19.5	17.9	7.9	314.1	315.6	0.4	18.5	3.7	82.
17.4	61.1	6100.1	475.0	-18.4	-33.5	247.8	22.3	20.7	8.4	315.2	316.8	0.5	25.0	5.2	77.
18.7	64.6	6501.3	450.0	-21.5	-32.7	254.0	25.2	24.2	7.0	316.3	318.1	0.5	35.2	7.0	75.
20.0	67.9	6920.2	425.0	-24.5	-39.5	256.2	27.9	27.1	6.7	317.6	320.0	0.7	57.1	9.1	76.
21.4	71.2	7355.1	400.0	-27.7	-42.2	252.1	30.3	28.8	9.3	318.9	319.8	0.2	23.4	11.4	75.
22.7	75.0	7819.1	375.0	-31.5	-43.3	249.9	32.9	30.9	11.3	319.8	320.6	0.2	30.0	13.9	75.
24.3	79.0	8304.7	350.0	-34.6	-42.2	248.2	39.7	36.8	14.7	322.0	323.0	0.3	45.4	17.3	74.
25.7	82.8	8818.5	325.0	-38.4	-47.2	247.5	44.0	40.7	16.8	323.7	324.3	0.2	38.6	21.0	72.
27.3	86.8	9364.0	300.0	-42.5	99.9	249.3	48.3	45.2	17.1	325.5	999.9	99.9	99.9	25.4	72.
29.2	91.4	9945.6	275.0	-47.3	99.9	247.1	50.5	46.5	19.7	326.7	999.9	99.9	99.9	31.1	71.
31.1	96.0	10569.3	250.0	-51.8	99.9	249.6	50.5	47.4	17.6	329.1	999.9	99.9	99.9	36.8	71.
33.3	101.0	11245.9	225.0	-55.5	99.9	250.6	44.2	41.7	14.7	333.5	999.9	99.9	99.9	43.0	70.
35.7	106.4	11990.0	200.0	-59.0	99.9	247.7	41.7	38.6	15.8	339.3	999.9	99.9	99.9	49.0	71.
39.4	112.3	12829.9	175.0	-56.9	99.9	253.9	33.6	32.3	9.3	356.0	999.9	99.9	99.9	55.7	71.
41.5	118.5	13804.3	150.0	-57.8	99.9	257.6	30.7	30.0	6.6	370.5	999.9	99.9	99.9	61.6	71.
45.1	125.5	14952.4	125.0	-58.1	99.9	252.9	33.4	31.9	9.8	389.9	999.9	99.9	99.9	68.2	71.
50.0	132.3	16361.0	100.0	-57.4	99.9	251.1	24.4	23.1	7.9	416.9	999.9	99.9	99.9	76.8	71.
55.9	141.3	18177.4	75.0	-58.4	99.9	260.1	8.8	8.7	1.5	450.5	999.9	99.9	99.9	82.9	72.
63.8	149.7	20720.9	50.0	-56.6	99.9	279.5	10.4	10.3	-1.7	510.1	999.9	99.9	99.9	87.1	72.
75.3	158.5	25199.1	25.0	-50.2	99.9	46.1	2.0	-1.4	-1.4	640.5	999.9	99.9	99.9	88.9	73.

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

STATION NO. 456
TOPEKA, KAN

24 APRIL 1975
1715 GMT

114 114. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	PANGE KM	AZ DG
0.0	6.3	268.0	978.5	20.6	17.2	40.0	3.6	-2.3	-2.8	297.3	330.8	12.8	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	99.9	99.9	99.9	999.9	999.
0.1	6.5	299.0	975.0	19.8	15.8	42.9	3.3	-2.3	-2.4	296.7	327.6	11.7	77.4	0.0	315.
0.8	8.5	522.1	950.0	17.0	13.0	53.6	1.9	-1.5	-1.1	295.8	322.1	10.0	77.3	0.1	226.
1.6	10.4	749.2	925.0	14.8	12.7	125.2	1.3	-1.1	0.8	295.7	322.2	10.0	87.3	0.2	235.
2.3	12.3	980.9	900.0	12.9	11.8	172.8	4.0	-0.5	4.0	296.1	321.9	9.7	92.5	0.2	258.
3.1	14.4	1218.8	875.0	14.9	7.4	180.0	7.0	-0.0	7.0	300.3	320.6	7.4	60.5	0.3	327.
4.0	16.4	1463.8	850.0	13.9	3.7	157.3	5.3	-2.0	4.8	301.5	317.9	5.9	50.0	0.7	338.
4.8	18.5	1715.2	825.0	12.4	3.5	153.7	3.9	-1.7	3.5	302.5	319.3	6.0	54.7	0.9	336.
5.6	20.6	1972.8	800.0	10.6	7.2	199.4	3.5	1.2	3.3	303.5	325.7	8.0	79.9	1.0	339.
6.5	22.7	2237.3	775.0	9.1	6.7	212.0	5.5	2.9	4.6	304.6	326.8	8.0	84.8	1.2	348.
7.3	25.0	2508.3	750.0	6.5	3.9	207.7	5.3	2.4	4.7	304.5	323.5	6.8	83.2	1.4	355.
8.4	27.2	2786.4	725.0	4.9	-1.2	204.2	4.1	1.7	3.8	305.4	319.3	4.8	64.8	1.7	1.
9.1	29.5	3072.2	700.0	3.4	-5.4	211.5	3.6	1.9	3.1	306.7	317.4	3.7	52.7	1.8	2.
10.2	32.0	3366.7	675.0	2.4	-12.5	233.8	4.6	3.7	2.7	308.6	315.2	2.2	32.3	2.0	7.
11.2	34.5	3670.5	650.0	-0.0	-13.4	232.2	6.7	5.3	4.1	309.2	315.6	2.1	35.5	2.2	14.
12.3	36.9	3983.0	625.0	-2.7	-14.8	232.4	9.3	7.4	5.7	309.6	315.5	1.9	38.6	2.7	20.
13.4	39.5	4305.4	600.0	-5.3	-16.3	236.7	12.5	10.4	6.9	310.2	315.7	1.8	41.7	3.3	28.
14.6	42.0	4637.9	575.0	-8.0	-19.0	238.3	13.8	11.7	7.2	310.8	315.5	1.5	40.6	4.2	34.
15.8	44.9	4981.4	550.0	-10.8	-22.0	244.2	14.7	13.3	6.4	311.3	315.1	1.2	39.2	5.1	39.
16.9	47.6	5336.9	525.0	-13.7	-23.0	246.8	17.8	16.4	7.0	312.0	315.6	1.1	45.2	6.1	44.
18.1	50.5	5706.0	500.0	-16.3	-25.8	251.0	22.5	21.3	7.3	313.3	316.3	0.9	43.6	7.4	48.
19.4	53.5	6090.5	475.0	-18.2	-30.1	253.4	25.0	24.0	7.2	315.4	317.6	0.7	34.4	9.2	53.
20.6	56.4	6492.5	450.0	-21.0	-34.0	254.4	26.3	25.3	7.1	316.8	318.4	0.5	29.8	10.9	57.
22.1	59.7	6911.1	425.0	-25.1	-35.2	256.7	26.5	25.8	6.1	316.8	318.3	0.4	38.5	13.1	60.
23.4	63.0	7349.1	400.0	-28.3	-35.9	260.0	28.1	27.7	4.9	318.1	319.7	0.4	47.7	15.2	63.
25.0	66.4	7809.2	375.0	-31.6	-37.5	254.9	32.6	31.4	8.5	319.7	321.1	0.4	55.7	18.0	65.
26.5	70.1	8294.3	350.0	-34.8	-40.8	256.1	38.2	37.0	9.2	321.8	322.9	0.3	53.6	21.2	66.
28.2	73.7	8807.8	325.0	-38.6	-47.5	257.5	43.3	42.2	9.3	323.4	324.0	0.2	38.2	25.2	68.
30.0	77.9	9352.8	300.0	-42.9	99.9	257.7	46.3	45.2	9.8	325.0	999.9	99.9	999.9	30.2	70.
31.9	81.8	9934.2	275.0	-47.1	99.9	258.6	48.0	47.0	9.5	327.0	999.9	99.9	999.9	35.7	71.
34.1	86.2	10560.7	250.0	-51.1	99.9	256.6	44.9	43.7	10.4	330.1	999.9	99.9	999.9	41.7	72.
36.3	91.2	11240.8	225.0	-54.9	99.9	256.3	42.8	41.6	10.1	334.4	999.9	99.9	999.9	47.6	73.
38.6	96.3	11989.1	200.0	-56.8	99.9	252.3	34.8	33.2	10.6	342.9	999.9	99.9	999.9	53.5	73.
41.4	102.0	12825.7	175.0	-59.9	99.9	257.7	31.9	31.2	6.8	351.0	999.9	99.9	999.9	60.1	73.
44.6	108.5	13787.8	150.0	-60.4	99.9	255.1	33.1	32.0	8.5	366.0	999.9	99.9	999.9	65.4	73.
48.3	115.5	14932.1	125.0	-55.9	99.9	999.9	99.9	99.9	99.9	393.8	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

24

STATION NO. 486
FORT TOTTEN, N Y

24 APRIL 1975
1715 GMT

142 48. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	8.0	1011.6	16.1	14.6	999.9	99.9	99.9	99.9	289.7	316.4	10.4	91.0	999.9	999.
0.5	5.7	106.6	1000.0	16.1	14.7	999.9	99.9	99.9	99.9	290.7	318.1	10.6	91.4	999.9	999.
1.1	7.7	322.2	975.0	15.4	14.0	999.9	99.9	99.9	99.9	292.0	318.9	10.4	91.1	999.9	999.
2.0	9.9	542.4	950.0	14.1	12.7	999.9	99.9	99.9	99.9	292.8	318.3	9.8	91.4	999.9	999.
2.7	11.8	767.4	925.0	12.6	11.3	999.9	99.9	99.9	99.9	293.4	317.3	9.1	91.8	999.9	999.
3.6	14.1	997.8	900.0	12.1	11.0	999.9	99.9	99.9	99.9	295.2	319.5	9.2	92.9	999.9	999.
4.4	16.1	1234.1	875.0	11.3	10.2	999.9	99.9	99.9	99.9	296.7	320.6	9.0	92.7	999.9	999.
5.3	18.4	1476.4	850.0	9.9	8.6	999.9	99.9	99.9	99.9	297.6	319.9	8.3	91.1	999.9	999.
6.2	20.5	1724.6	825.0	8.6	7.2	999.9	99.9	99.9	99.9	298.8	319.9	7.8	90.7	999.9	999.
7.2	22.7	1978.9	800.0	6.8	5.6	999.9	99.9	99.9	99.9	299.4	318.9	7.2	91.8	999.9	999.
8.0	25.1	2239.4	775.0	5.1	3.9	999.9	99.9	99.9	99.9	300.2	318.3	6.6	92.0	999.9	999.
8.9	27.3	2507.1	750.0	3.5	2.3	999.9	99.9	99.9	99.9	301.1	317.9	6.0	91.9	999.9	999.
9.9	29.9	2781.9	725.0	1.9	0.8	999.9	99.9	99.9	99.9	302.3	318.0	5.6	92.0	999.9	999.
10.9	32.3	3065.1	700.0	0.6	-0.4	999.9	99.9	99.9	99.9	303.8	318.9	5.3	92.8	999.9	999.
12.0	34.9	3357.0	675.0	-0.3	-1.5	999.9	99.9	99.9	99.9	306.0	320.6	5.1	91.5	999.9	999.
12.9	37.3	3658.6	650.0	-2.0	-3.4	999.9	99.9	99.9	99.9	307.3	320.6	4.6	90.1	999.9	999.
14.0	40.0	3969.8	625.0	-3.9	-6.5	999.9	99.9	99.9	99.9	308.4	319.5	3.8	82.6	999.9	999.
15.0	42.4	4291.6	600.0	-5.6	-9.3	999.9	99.9	99.9	99.9	310.1	319.7	3.2	75.6	999.9	999.
16.0	45.2	4624.2	575.0	-7.7	-16.0	999.9	99.9	99.9	99.9	311.2	317.1	1.9	51.2	999.9	999.
17.1	48.1	4968.5	550.0	-10.2	-16.7	999.9	99.9	99.9	99.9	312.2	318.1	1.9	59.0	999.9	999.
18.3	50.9	5326.8	525.0	-11.4	-13.4	999.9	99.9	99.9	99.9	315.0	323.0	2.6	85.3	999.9	999.
19.5	54.0	5700.0	500.0	-13.6	-15.1	999.9	99.9	99.9	99.9	316.7	324.1	2.4	88.5	999.9	999.
20.7	56.9	6088.3	475.0	-16.6	-19.0	999.9	99.9	99.9	99.9	317.6	323.3	1.8	81.5	999.9	999.
22.0	60.1	6493.4	450.0	-19.1	-22.1	999.9	99.9	99.9	99.9	319.4	324.1	1.4	76.7	999.9	999.
23.4	63.4	6916.8	425.0	-22.1	-29.7	999.9	99.9	99.9	99.9	320.8	323.6	0.8	54.3	999.9	999.
24.9	66.7	7358.8	400.0	-26.5	-66.9	999.9	99.9	99.9	99.9	320.5	320.5	0.0	1.0	999.9	999.
26.3	70.3	7822.6	375.0	-29.1	-68.6	999.9	99.9	99.9	99.9	322.9	323.0	0.0	1.0	999.9	999.
27.8	73.9	8312.2	350.0	-32.7	-44.7	999.9	99.9	99.9	99.9	324.6	325.4	0.2	29.3	999.9	999.
29.5	77.8	8829.7	325.0	-37.0	-43.5	999.9	99.9	99.9	99.9	325.6	326.5	0.2	50.8	999.9	999.
31.3	81.7	9378.9	300.0	-41.1	99.9	999.9	99.9	99.9	99.9	327.5	999.9	99.9	999.9	999.9	999.
33.3	85.9	9963.9	275.0	-45.8	99.9	999.9	99.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.
35.4	90.4	10590.5	250.0	-51.4	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.
37.7	95.3	11266.0	225.0	-56.9	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.
40.1	100.4	12001.4	200.0	-62.3	99.9	999.9	99.9	99.9	99.9	334.1	999.9	99.9	999.9	999.9	999.
42.8	106.0	12815.9	175.0	-65.6	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.
45.6	112.0	13761.2	150.0	-64.1	99.9	999.9	99.9	99.9	99.9	359.7	999.9	99.9	999.9	999.9	999.
49.0	119.0	14899.7	125.0	-57.2	99.9	999.9	99.9	99.9	99.9	391.4	999.9	99.9	999.9	999.9	999.
53.1	126.7	16312.4	100.0	-58.9	99.9	999.9	99.9	99.9	99.9	413.9	999.9	99.9	999.9	999.9	999.
58.6	135.7	18121.6	75.0	-60.1	99.9	999.9	99.9	99.9	99.9	447.0	999.9	99.9	999.9	999.9	999.
65.8	144.3	20674.4	50.0	-57.1	99.9	999.9	99.9	99.9	99.9	509.1	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

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STATION NO. 518
ALBANY, N Y

24 APRIL 1975
1715 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	86.0	1000.8	11.5	10.2	170.0	5.2	-0.9	5.1	285.6	305.7	7.9	92.0	0.0	0.
0.1	5.9	92.7	1000.0	11.5	9.5	172.0	4.0	-0.6	4.0	285.6	304.9	7.5	87.7	0.1	358.
0.9	8.3	304.6	975.0	11.6	10.1	202.7	4.1	1.6	3.8	287.9	308.6	8.0	90.5	0.5	354.
1.7	10.6	523.1	950.0	12.7	11.1	216.6	8.3	4.9	6.6	291.2	314.1	8.8	90.2	0.8	6.
2.5	13.0	746.8	925.0	11.0	9.8	239.0	9.0	7.7	4.6	291.6	313.3	8.3	92.7	1.2	20.
3.3	15.5	975.8	900.0	10.2	8.6	260.0	10.3	10.1	1.8	293.1	313.9	7.9	89.9	1.5	34.
4.1	17.8	1210.5	875.0	9.3	7.4	263.4	10.5	10.5	1.2	294.5	314.2	7.4	87.6	1.9	46.
5.0	20.4	1451.1	850.0	8.4	6.8	265.6	11.2	11.1	0.9	295.9	315.5	7.3	89.4	2.4	54.
5.9	22.9	1697.5	825.0	6.7	5.5	265.1	13.1	13.1	1.1	296.6	315.2	6.9	91.6	2.9	61.
6.8	25.5	1950.1	800.0	5.0	2.1	257.2	13.5	13.2	3.0	297.2	312.6	5.6	81.5	3.7	66.
7.9	28.1	2208.9	775.0	3.7	0.8	246.5	11.0	10.1	4.4	298.5	313.0	5.2	81.3	4.4	66.
9.0	30.9	2474.6	750.0	1.9	-1.3	236.4	18.7	15.5	10.3	299.2	312.2	4.7	79.6	5.0	66.
10.1	33.7	2747.5	725.0	0.2	-3.1	233.8	25.0	20.2	14.8	300.3	312.1	4.2	77.9	7.0	63.
11.0	36.1	3031.1	700.0	2.9	-0.6	237.7	21.1	17.8	11.3	306.4	321.4	5.3	78.0	7.2	61.
12.4	39.0	3324.9	675.0	0.7	-1.8	242.5	21.5	19.1	9.9	307.0	321.4	5.0	83.3	9.8	61.
13.5	41.7	3627.2	650.0	-1.4	-3.6	243.3	19.7	17.6	8.9	307.9	321.1	4.5	85.4	11.3	62.
14.8	44.7	3938.7	625.0	-3.9	-5.7	244.6	17.0	15.3	7.3	308.5	320.3	4.0	86.9	12.6	62.
16.0	47.8	4260.4	600.0	-5.6	-7.4	250.1	18.1	17.0	6.1	310.1	320.9	3.7	86.9	13.9	62.
17.1	50.7	4593.3	575.0	-7.7	-9.8	255.0	19.9	19.2	5.1	311.3	320.9	3.2	85.3	15.2	63.
18.4	53.6	4937.0	550.0	-10.0	-11.9	257.3	23.4	22.8	5.1	312.5	321.1	2.8	86.1	16.7	64.
19.6	56.9	5295.2	525.0	-12.6	-14.9	258.3	22.4	21.9	4.5	313.5	320.6	2.3	83.2	18.4	66.
21.3	60.1	5666.3	500.0	-15.2	-17.5	253.5	23.7	22.8	6.8	314.7	320.7	1.9	82.6	20.2	67.
22.4	63.6	6052.5	475.0	-17.6	-19.8	253.4	28.2	27.0	8.1	316.4	321.7	1.7	82.8	22.4	67.
23.7	66.9	6455.4	450.0	-20.1	-22.4	257.4	30.8	30.0	6.7	318.1	322.6	1.4	81.8	24.7	68.
25.1	70.4	6877.2	425.0	-22.9	-24.8	261.1	30.9	30.5	4.8	319.7	323.6	1.2	84.6	27.2	69.
26.5	74.0	7318.8	400.0	-26.1	-28.6	260.0	31.9	31.4	5.5	321.1	324.2	0.9	79.2	29.8	70.
28.5	78.0	7782.0	375.0	-30.3	-40.8	261.4	31.5	31.2	4.7	321.4	322.4	0.3	34.7	33.3	71.
29.8	81.8	8269.9	350.0	-33.1	-44.1	273.4	38.2	38.2	-2.3	324.0	324.8	0.2	31.8	36.1	72.
31.3	85.9	8787.0	325.0	-37.0	-48.4	283.5	38.0	36.9	-8.9	325.6	326.2	0.1	29.0	39.4	75.
32.9	90.2	9335.0	300.0	-41.5	99.9	296.0	40.3	36.2	-17.6	326.9	999.9	99.9	999.9	42.0	77.
35.7	94.8	9919.3	275.0	-46.5	99.9	294.0	47.8	43.7	-19.4	327.9	999.9	99.9	999.9	48.4	83.
37.7	99.6	10544.6	250.0	-52.0	99.9	290.1	60.6	56.7	-20.8	328.8	999.9	99.9	999.9	54.5	86.
39.5	104.6	11219.1	225.0	-57.3	99.9	289.5	61.7*	58.2	-20.6	330.7	999.9	99.9	999.9	60.4	89.
41.8	110.2	11953.8	200.0	-63.0	99.9	297.2	53.4*	47.5	-24.4	333.1	999.9	99.9	999.9	68.1	91.
44.5	115.6	12767.6	175.0	-63.8	99.9	287.9	41.1*	39.1	-12.6	344.6	999.9	99.9	999.9	75.0	94.
47.3	122.0	13727.8	150.0	-59.8	99.9	271.8	30.9*	30.9	-1.0	367.0	999.9	99.9	999.9	80.0	94.
51.0	129.3	14880.5	125.0	-54.2	99.9	291.1	22.1*	20.7	-8.0	396.8	999.9	99.9	999.9	87.3	95.
56.4	137.3	16309.6	100.0	-54.9	99.9	292.5	13.3*	12.3	-5.1	421.6	999.9	99.9	999.9	92.7	96.
63.6	145.7	18134.9	75.0	-58.4	99.9	270.1	13.9*	13.9	-0.0	450.5	999.9	99.9	999.9	94.7	96.
73.0	156.0	20702.7	50.0	-56.3	99.9	96.9	11.2	-11.1	1.3	510.7	999.9	99.9	999.9	103.3	97.
87.1	167.0	25186.6	25.0	-50.2	99.9	999.9	99.9	99.9	99.9	640.3	999.9	99.9	999.9	999.9	999.

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

STATION NO. 520
PITTSBURG, PA

24 APRIL 1975
1715 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	359.0	967.8	15.3	13.8	230.0	5.2	4.0	3.3	292.5	319.4	10.4	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	10.0	516.8	950.0	14.6	13.8	232.9	10.0	8.0	6.0	293.4	320.9	10.5	94.6	0.2	61.
1.5	12.0	742.3	925.0	13.1	12.5	245.2	13.0	11.8	5.4	294.0	320.0	9.9	96.3	0.9	60.
2.6	14.4	573.0	900.0	12.1	11.1	231.5	11.0	8.6	6.8	295.2	319.8	9.3	93.9	1.7	56.
3.6	16.5	1209.3	875.0	11.2	10.0	241.4	11.5	10.1	5.5	296.6	320.2	8.9	92.6	2.4	57.
4.6	18.9	1451.3	850.0	9.8	8.7	246.4	11.4	10.4	4.6	297.5	319.9	8.3	93.0	3.0	58.
5.4	21.1	1699.5	825.0	8.9	7.9	248.5	13.3	12.4	4.9	299.1	320.9	8.1	92.5	3.6	60.
6.1	23.6	1954.4	800.0	7.5	6.4	247.9	14.2	13.1	5.3	300.1	320.8	7.6	92.7	4.2	61.
6.9	25.9	2215.9	775.0	6.3	5.3	250.0	15.3	14.4	5.2	301.6	321.6	7.3	93.5	4.8	62.
7.6	28.4	2484.8	750.0	4.8	3.8	250.7	17.3	16.3	5.7	302.6	321.3	6.7	93.5	5.6	63.
8.5	31.1	2760.9	725.0	2.8	1.9	249.2	17.7	16.5	6.3	303.3	320.3	6.1	93.9	6.5	64.
9.5	33.8	3044.4	700.0	0.6	-0.1	249.0	15.8	14.7	5.6	303.9	319.2	5.4	94.8	7.5	65.
10.6	36.2	3336.2	675.0	0.1	-0.6	253.6	13.5	12.9	3.8	306.4	322.0	5.5	95.4	8.5	65.
12.3	39.1	3638.4	650.0	-1.5	-2.5	249.3	14.3	13.4	5.0	307.9	322.1	4.9	92.2	9.8	67.
13.5	41.6	3950.6	625.0	-2.5	-4.3	248.8	16.3	15.2	5.9	310.1	323.2	4.5	88.0	10.9	67.
14.6	44.6	4274.0	600.0	-4.4	-6.9	248.7	18.8	17.5	6.8	311.5	322.8	3.8	82.3	12.1	67.
15.7	47.6	4608.4	575.0	-6.5	-9.8	253.3	18.4	17.6	5.3	312.7	322.3	3.2	77.4	13.4	67.
16.9	50.6	4955.0	550.0	-8.3	-12.3	254.8	18.4	17.8	4.8	314.5	322.8	2.7	72.8	14.7	68.
18.2	53.9	5314.7	525.0	-10.6	-14.9	255.4	18.7	18.1	4.7	315.9	323.1	2.3	70.9	16.1	69.
19.4	56.9	5688.8	500.0	-12.7	-17.7	254.5	18.3	17.7	4.9	317.7	323.8	1.9	65.9	17.4	69.
20.7	60.3	6079.7	475.0	-15.3	-20.0	248.7	23.2	21.6	8.4	319.2	324.5	1.6	67.1	18.9	69.
22.0	63.7	6485.8	450.0	-17.6	-23.0	243.8	24.8	22.2	10.9	321.2	325.6	1.3	63.0	20.9	69.
23.4	67.1	6911.3	425.0	-20.6	-26.1	250.8	25.5	24.1	8.4	322.7	326.2	1.1	61.3	23.0	69.
24.8	70.8	7357.4	400.0	-23.7	-30.2	254.5	24.4	23.5	6.5	324.2	326.8	0.8	55.1	25.0	69.
26.1	74.7	7825.6	375.0	-27.4	-33.8	255.0	27.3	26.4	7.1	325.3	327.4	0.6	53.8	27.1	70.
27.6	78.7	8318.8	350.0	-31.1	-38.4	259.8	26.8	26.4	4.7	326.7	328.2	0.4	48.4	29.4	70.
29.1	82.8	8839.3	325.0	-35.6	-42.9	266.2	27.1	27.0	1.8	327.6	328.6	0.3	46.3	31.9	71.
30.7	87.0	9390.7	300.0	-40.3	99.9	260.4	30.3	29.9	5.1	328.6	999.9	99.9	999.9	34.5	72.
32.5	91.9	9977.6	275.0	-45.5	99.9	260.4	28.4	28.0	4.7	329.3	999.9	99.9	999.9	37.8	73.
34.4	96.6	10605.1	250.0	-51.2	99.9	261.2	33.6	33.2	5.2	330.0	999.9	99.9	999.9	41.3	74.
36.5	101.3	11280.7	225.0	-57.1	99.9	258.8	36.3	35.6	7.0	331.1	999.9	99.9	999.9	45.7	74.
38.8	107.9	12014.2	200.0	-64.1	99.9	256.4	43.8	42.6	10.3	331.3	999.9	99.9	999.9	50.8	74.
41.0	113.8	12820.7	175.0	-67.7	99.9	279.3	35.5	35.1	-5.7	338.2	999.9	99.9	999.9	56.3	75.
44.2	120.7	13760.2	150.0	-62.6	99.9	280.2	23.9	23.5	-4.2	362.3	999.9	99.9	999.9	60.8	78.
48.1	128.3	14902.0	125.0	-58.5	99.9	272.9	28.6	28.5	-1.5	389.0	999.9	99.9	999.9	66.8	79.
53.0	136.7	16315.0	100.0	-55.5	99.9	274.4	19.5	19.5	-1.5	420.5	999.9	99.9	999.9	74.1	81.
59.1	145.7	18118.7	75.0	-62.5	99.9	297.0	5.5	4.9	-2.5	441.9	999.9	99.9	999.9	77.7	82.
67.2	156.0	20633.8	50.0	-57.1	99.9	30.8	3.3	-1.7	-2.8	509.0	999.9	99.9	999.9	79.8	83.
79.0	167.0	25049.2	25.0	-53.8	99.9	50.7	4.0	-3.1	-2.5	630.0	999.9	99.9	999.9	79.3	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. 528
BUFFALO, N Y

24 APRIL 1975
1715 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	218.0	982.7	11.7	11.7	260.0	5.7	5.6	1.0	287.4	310.1	8.8	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	999.9
0.2	6.4	284.2	975.0	12.0	11.3	279.2	5.8	5.7	-0.9	288.4	310.7	8.7	95.5	0.1	97.
0.9	8.4	502.2	950.0	11.4	11.0	275.6	6.5	6.4	-0.6	289.9	312.5	8.7	96.9	0.2	98.
1.5	10.3	725.3	925.0	10.4	10.0	255.8	9.3	9.2	1.7	291.1	313.0	8.4	97.4	0.5	93.
2.3	12.3	953.5	900.0	9.6	9.3	255.0	12.1	11.7	3.1	292.5	314.0	8.2	97.7	1.1	93.
2.9	14.4	1187.7	875.0	8.8	8.5	260.1	10.7	10.5	1.8	294.0	315.2	8.0	97.6	1.5	82.
3.7	16.3	1427.8	850.0	7.7	7.3	262.0	9.6	9.6	1.3	295.3	315.6	7.6	97.2	2.0	81.
4.5	18.5	1674.0	825.0	6.4	5.8	265.4	10.7	10.6	0.9	296.3	315.4	7.1	95.8	2.4	82.
5.2	20.6	1926.6	800.0	5.4	3.7	268.6	10.6	10.6	0.3	297.7	314.9	6.3	88.8	2.9	83.
6.0	22.8	2185.8	775.0	4.0	2.4	267.1	10.9	10.9	0.6	298.9	315.1	5.9	88.9	3.4	84.
6.8	25.2	2452.1	750.0	2.3	-0.4	266.7	11.2	11.2	0.2	299.8	313.6	5.0	82.0	3.9	84.
7.6	27.3	2726.0	725.0	1.4	-2.1	269.5	12.0	12.0	0.1	301.6	314.5	4.5	77.1	4.5	85.
8.5	29.7	3008.1	700.0	0.2	-4.7	267.7	12.6	12.6	0.5	303.2	314.3	3.9	69.5	5.2	85.
9.5	32.3	3259.2	675.0	-1.6	-6.4	270.4	13.9	13.9	-0.1	304.3	314.6	3.5	69.5	5.9	86.
10.3	34.8	3592.7	650.0	-3.9	-10.5	275.3	14.5	14.5	-1.4	304.8	312.7	2.7	60.4	6.7	86.
11.2	37.1	3908.0	625.0	-4.6	-12.9	278.1	14.4	14.2	-2.0	307.1	307.3	0.0	1.0	7.4	88.
12.3	39.9	4228.0	600.0	-6.5	-14.0	277.0	15.1	15.0	-1.8	308.6	308.8	0.0	1.0	8.4	89.
13.3	42.4	4559.3	575.0	-8.7	-15.4	275.2	16.1	16.0	-1.5	309.8	309.9	0.0	1.0	9.3	90.
14.4	45.2	4901.8	550.0	-11.5	-17.2	273.5	16.8	16.8	-1.0	310.4	310.5	0.0	1.0	10.3	90.
15.4	48.2	5257.1	525.0	-13.2	-17.7	270.3	18.7	18.7	-0.1	312.5	312.6	0.0	1.1	11.4	90.
16.6	51.0	5627.9	500.0	-14.6	-17.5	269.6	20.6	20.6	0.1	315.2	315.3	0.0	1.2	12.7	90.
17.7	54.1	6014.4	475.0	-17.4	-17.7	268.9	24.8	24.8	0.5	316.3	316.5	0.0	1.5	14.5	90.
18.9	57.0	6417.3	450.0	-19.9	-18.1	267.5	24.1	24.1	1.1	318.2	319.3	0.0	1.8	16.1	90.
20.1	60.4	6839.6	425.0	-22.3	-18.7	271.6	24.8	24.8	-0.7	320.3	320.4	0.0	2.1	18.2	90.
21.7	64.0	7281.9	400.0	-25.8	-19.8	283.8	23.7	23.0	-5.7	321.4	321.5	0.0	2.4	20.1	90.
23.1	67.4	7746.5	375.0	-29.1	-21.1	285.7	27.4	26.4	-7.4	323.0	323.1	0.0	2.8	22.1	92.
24.6	71.0	8235.8	350.0	-32.6	-21.6	274.0	34.6	34.6	-2.4	324.7	325.3	0.2	23.3	24.9	93.
26.1	75.0	8753.8	325.0	-36.8	-21.6	275.9	36.1	35.9	-3.7	325.9	326.7	0.2	39.9	28.2	93.
27.9	79.3	9302.7	300.0	-41.4	-21.9	271.1	43.3	43.3	-0.8	327.0	999.9	99.9	999.9	32.3	93.
29.5	83.6	9887.5	275.0	-46.2	-21.9	266.5	46.0	45.9	2.8	328.3	999.9	99.9	999.9	36.8	92.
31.5	88.2	10512.7	250.0	-52.0	-21.9	265.5	45.0	44.9	3.6	328.7	999.9	99.9	999.9	42.2	92.
33.6	93.5	11197.4	225.0	-57.3	-21.9	261.9	53.0	52.5	7.5	330.7	999.9	99.9	999.9	48.3	91.
35.6	98.9	11922.0	200.0	-62.6	-21.9	267.9	53.1	53.1	2.0	333.6	999.9	99.9	999.9	54.9	90.
38.1	105.0	12736.4	175.0	-66.6	-21.9	280.0	40.5	39.9	-7.0	340.1	999.9	99.9	999.9	61.7	91.
40.9	111.7	13683.4	150.0	-60.3	-21.9	269.1	34.1	34.1	0.5	366.3	999.9	99.9	999.9	67.1	91.
44.2	119.3	14827.7	125.0	-56.5	-21.9	271.7	27.9	27.9	-0.8	392.7	999.9	99.9	999.9	73.5	91.
48.3	128.3	16256.2	100.0	-54.2	-21.9	289.9	30.0	28.2	-10.2	423.0	999.9	99.9	999.9	80.4	92.
53.1	138.5	18087.6	75.0	-57.6	-21.9	243.1	2.9	2.5	1.3	452.2	999.9	99.9	999.9	86.5	93.
59.4	149.3	20645.4	50.0	-57.1	-21.9	349.3	4.3	0.8	-4.2	509.0	999.9	99.9	999.9	89.8	94.
68.6	161.0	25097.1	25.0	-51.7	-21.9	66.7	5.1	-4.7	-2.0	636.1	999.9	99.9	999.9	89.9	94.

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

STATION NO. 532
PEORIA, ILL

24 APRIL 1975
1716 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	200.0	987.2	17.2	15.0	320.0	4.6	3.0	-3.5	292.9	321.3	11.0	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	99.9	99.9	99.9	999.9	999.9
0.4	6.5	306.6	975.0	16.9	15.4	308.2	2.7	2.1	-1.7	293.7	323.4	11.4	90.9	0.1	131.
1.2	8.6	527.8	950.0	14.7	14.1	312.6	4.8	3.5	-3.2	293.5	321.5	10.8	96.6	0.3	130.
2.1	10.6	753.7	925.0	13.3	12.8	310.8	5.4	4.1	-3.5	294.3	320.8	10.1	96.4	0.6	133.
3.0	12.7	984.4	900.0	12.2	11.7	310.1	5.2	4.0	-3.4	295.4	320.9	9.6	96.3	0.8	131.
4.0	14.9	1220.5	875.0	10.8	9.8	305.9	5.2	4.2	-3.1	296.1	319.5	8.8	96.3	1.1	131.
4.9	16.9	1462.3	850.0	9.3	8.9	315.7	6.7	4.7	-4.8	297.0	319.8	8.5	97.3	1.5	131.
5.8	18.3	1710.0	825.0	7.8	7.0	305.7	8.2	6.6	-4.8	297.8	318.5	7.7	94.5	1.9	131.
6.9	21.4	1963.7	800.0	6.9	2.3	300.5	9.1	7.8	-4.6	299.2	314.9	5.7	72.9	2.4	125.
7.9	23.8	2224.5	775.0	6.0	-1.7	299.8	8.0	6.9	-4.0	300.8	313.2	4.4	57.7	3.0	128.
9.0	26.1	2492.8	750.0	5.1	-12.0	295.6	7.3	6.6	-3.2	302.4	308.4	2.0	27.7	3.5	126.
10.2	28.7	2768.4	725.0	2.8	-7.8	285.0	7.2	7.0	-1.9	302.9	311.6	3.0	46.9	4.0	125.
11.3	31.3	3051.8	700.0	1.5	-8.6	271.8	6.8	6.8	-0.2	304.5	313.0	2.9	47.5	4.4	121.
12.4	33.9	3343.5	675.0	-0.5	-22.0	280.7	5.0	4.9	-0.9	305.2	308.2	1.0	17.7	4.8	119.
13.6	36.4	3643.8	650.0	-2.8	-17.0	288.5	4.3	4.1	-1.4	305.9	310.7	1.5	32.5	5.0	119.
14.8	39.3	3953.2	625.0	-5.3	-19.7	271.7	5.4	5.4	-0.2	306.5	310.5	1.3	31.1	5.4	117.
16.0	41.9	4272.3	600.0	-7.4	-27.0	265.3	4.8	4.8	0.4	307.6	309.9	0.7	19.5	5.7	115.
17.3	44.9	4602.5	575.0	-9.3	-34.0	263.9	4.9	4.9	0.5	309.1	310.4	0.4	12.0	6.0	114.
18.6	48.0	4944.4	550.0	-11.8	-21.0	254.7	7.7	7.4	2.0	310.2	314.3	1.3	46.3	6.4	111.
19.9	50.9	5300.8	525.0	-11.9	-20.3	270.5	12.2	12.2	-0.1	314.3	318.9	1.4	49.5	7.1	108.
21.4	54.3	5673.7	500.0	-13.5	-28.8	279.7	15.9	15.7	-2.7	316.7	319.0	0.7	26.1	8.3	106.
22.0	57.4	6061.9	475.0	-16.2	-60.2	280.6	17.8	17.5	-3.3	317.9	318.0	0.0	1.0	9.9	106.
24.4	61.0	6466.0	450.0	-19.3	-62.2	281.2	19.6	19.2	-3.8	318.9	319.0	0.0	1.0	11.5	105.
26.0	64.7	6888.5	425.0	-22.2	-64.1	274.1	23.4	23.3	-1.7	320.4	320.5	0.0	1.0	13.5	104.
27.6	68.3	7330.8	400.0	-26.2	-66.7	272.3	24.5	24.5	-1.0	320.9	320.9	0.0	1.0	15.9	102.
29.6	72.2	7793.9	375.0	-30.1	-69.2	267.4	24.8	24.8	1.1	321.7	321.7	0.0	1.0	18.7	101.
31.4	76.3	8281.4	350.0	-33.9	-71.7	263.4	27.7	27.6	3.2	323.0	323.0	0.0	1.0	21.6	98.
33.5	80.7	8796.1	325.0	-38.0	-59.5	259.8	26.5	26.1	4.7	324.2	324.3	0.0	8.6	24.8	96.
35.4	85.3	9341.9	300.0	-42.6	99.9	253.8	29.7	28.5	8.3	325.3	999.9	99.9	999.9	27.9	94.
37.2	90.2	9922.5	275.0	-48.1	99.9	244.6	34.9	31.5	15.0	325.5	999.9	99.9	999.9	30.9	91.
39.6	95.4	10545.2	250.0	-52.2	99.9	235.9	35.6	29.5	20.0	328.4	999.9	99.9	999.9	35.4	86.
42.0	101.3	11219.5	225.0	-57.2	99.9	243.6	37.7	33.8	16.8	330.9	999.9	99.9	999.9	39.7	83.
44.6	107.0	11960.4	200.0	-60.3	99.9	253.3	38.6	37.0	11.1	337.4	999.9	99.9	999.9	45.0	81.
47.6	113.5	12795.2	175.0	-59.7	99.9	259.5	32.4	31.9	5.9	351.4	999.9	99.9	999.9	51.9	81.
51.0	120.7	13764.6	150.0	-57.3	99.9	260.9	27.2	26.8	4.3	371.3	999.9	99.9	999.9	58.1	80.
55.0	128.7	14918.0	125.0	-56.0	99.9	250.3	21.9	20.6	7.4	393.6	999.9	99.9	999.9	63.7	80.
59.9	137.0	16335.9	100.0	-57.3	99.9	264.6	17.6	17.5	1.7	417.0	999.9	99.9	999.9	70.8	80.
65.6	145.3	18138.7	75.0	-62.7	99.9	258.7	16.3	16.0	3.2	441.5	999.9	99.9	999.9	77.0	79.
74.1	154.7	20692.9	50.0	-56.2	99.9	264.6	5.7	5.7	0.5	511.1	999.9	99.9	999.9	80.7	80.
87.7	164.7	25167.9	25.0	-48.8	99.9	98.3	3.4	-3.4	0.5	644.8	999.9	99.9	999.9	80.6	80.

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

248

STATION NO. 553
OMAHA, NEB

24 APRIL 1975
1715 GMT

156 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	400.0	965.2	13.4	11.8	40.0	3.5	-2.3	-2.8	290.7	314.2	9.1	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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	8.5	534.2	950.0	13.4	12.4	7.2	2.6	-0.3	-2.6	292.0	317.0	9.6	94.0	0.2	239.
1.3	10.5	759.8	925.0	12.1	11.5	40.0	1.2	-0.8	-0.9	293.0	317.2	9.3	95.7	0.3	227.
2.0	12.6	989.0	900.0	12.1	11.5	280.4	1.8	1.8	-0.3	295.3	320.4	9.5	95.8	0.3	224.
2.9	14.8	1225.2	875.0	11.2	9.0	267.8	3.8	3.8	0.1	296.5	318.8	8.3	86.6	0.2	184.
3.8	16.8	1467.0	850.0	10.0	5.0	235.3	5.5	4.5	3.1	297.5	315.1	6.5	71.0	0.3	122.
4.6	19.1	1714.7	825.0	9.5	-5.1	214.3	3.5	2.0	2.9	299.1	308.2	3.2	35.1	0.4	82.
5.5	21.3	1971.1	800.0	10.1	-2.9	156.3	0.5	-0.2	0.5	302.4	313.5	3.9	36.8	0.4	72.
6.4	23.6	2234.3	775.0	8.4	-4.2	133.5	1.5	-1.1	1.0	303.4	313.9	3.6	40.7	0.4	70.
7.4	25.8	2504.5	750.0	7.1	-8.4	140.2	4.0	-2.5	3.0	304.6	312.6	2.7	32.3	0.4	43.
8.6	28.4	2782.2	725.0	4.7	-5.9	142.8	3.7	-2.3	3.0	305.1	315.0	3.4	45.8	0.5	7.
9.7	30.9	3067.1	700.0	2.3	-6.4	180.9	2.7	0.0	2.7	305.4	315.3	3.4	52.5	0.7	358.
10.8	33.5	3359.8	675.0	-0.3	-7.8	229.1	3.0	2.3	2.0	305.7	315.0	3.2	56.8	0.9	3.
11.8	35.8	3660.8	650.0	-2.4	-8.2	243.0	3.4	3.1	1.6	306.6	316.0	3.2	64.6	1.0	14.
13.1	38.6	3970.9	625.0	-4.8	-10.9	235.2	4.7	3.9	2.7	307.2	315.2	2.7	62.5	1.2	24.
14.2	41.0	4290.8	600.0	-7.1	-11.7	232.1	6.2	4.9	3.8	308.2	316.0	2.6	69.3	1.6	37.
15.4	43.9	4621.2	575.0	-9.4	-15.1	246.3	8.4	7.7	3.4	309.2	315.6	2.1	63.1	2.0	37.
16.6	46.9	4964.1	550.0	-11.3	-22.7	256.3	9.4	9.1	2.2	310.7	314.3	1.1	38.4	2.6	46.
17.9	49.8	5319.0	525.0	-14.3	-26.4	263.9	10.7	10.6	1.1	311.3	314.0	0.8	35.0	3.2	53.
19.2	52.6	5686.9	500.0	-17.2	-28.0	271.8	14.7	14.7	-0.5	312.1	314.6	0.8	38.3	4.1	61.
20.5	55.7	6069.2	475.0	-20.2	-33.4	275.1	14.3	14.3	-1.3	313.0	314.6	0.5	29.7	5.2	69.
21.9	58.9	6467.6	450.0	-22.5	-45.9	266.5	15.0	15.0	0.9	314.9	315.4	0.1	9.8	6.3	73.
23.5	62.3	6884.8	425.0	-25.6	-44.4	264.8	16.5	16.5	1.5	316.2	316.8	0.2	15.2	7.8	75.
25.2	65.8	7321.2	400.0	-29.3	-37.2	264.3	18.2	18.1	1.8	316.9	318.2	0.4	46.0	9.5	77.
26.7	69.3	7778.3	375.0	-33.1	-38.8	264.5	19.2	19.1	1.9	317.8	319.0	0.3	56.0	11.2	74.
28.4	72.9	8260.0	350.0	-36.6	-42.8	259.7	21.3	21.0	3.8	319.3	320.2	0.2	52.4	13.4	79.
30.3	77.0	8769.2	325.0	-40.2	99.9	249.2	21.6	20.2	7.7	321.2	999.9	99.9	999.9	15.6	78.
32.2	81.0	9309.7	300.0	-44.5	99.9	255.6	24.1	23.3	6.0	322.6	999.9	99.9	999.9	18.2	77.
34.1	85.3	9897.1	275.0	-48.8	99.9	252.3	24.4	23.2	7.4	324.6	999.9	99.9	999.9	21.0	77.
36.3	89.8	10507.6	250.0	-53.3	99.9	254.8	34.2	33.0	8.9	326.9	999.9	99.9	999.9	24.7	76.
38.7	95.0	11144.1	225.0	-54.6	99.9	251.2	29.3	27.8	9.4	334.9	999.9	99.9	999.9	29.2	76.
41.1	100.2	11932.6	200.0	-57.2	99.9	262.7	35.1	34.8	4.4	342.2	999.9	99.9	999.9	34.3	76.
44.2	106.3	12777.3	175.0	-55.2	99.9	257.7	36.2	35.3	7.7	358.8	999.9	99.9	999.9	40.7	76.
47.4	112.7	13762.9	150.0	-56.4	99.9	245.7	35.6	32.4	14.6	372.8	999.9	99.9	999.9	46.5	76.
51.1	120.0	14920.6	125.0	-56.1	99.9	247.1	29.8	27.5	11.6	393.4	999.9	99.9	999.9	53.6	75.
55.6	128.5	16361.4	100.0	-52.7	99.9	259.6	18.1	17.8	3.3	425.9	999.9	99.9	999.9	61.3	76.
61.2	138.3	18204.8	75.0	-58.0	99.9	237.9	20.0	16.9	10.6	451.4	999.9	99.9	999.9	67.4	75.
66.9	148.7	20791.3	50.0	-53.1	99.9	213.9	3.9	2.2	3.3	518.4	999.9	99.9	999.9	72.5	74.
81.7	160.5	25286.9	25.0	-47.4	99.9	78.9	8.2	-8.0	-1.6	648.6	999.9	99.9	999.9	71.0	74.

* BY SPEED MEANS ELEVATION 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. 562
NORTH PLATTE, NFB

24 APRIL 1975
1715 GMT

156 23. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP CG C	CEW HT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
00.0	14.8	247.0	915.7	18.3	-0.0	320.0	5.1	3.3	-3.9	299.4	311.2	4.2	29.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.5	16.0	994.3	900.0	16.5	-4.1	327.9	3.9	2.1	-3.3	298.9	307.9	3.1	24.0	0.2	13.8
1.4	12.6	1232.9	875.0	14.3	-4.5	319.2	4.8	3.1	-3.6	299.0	308.0	3.1	27.0	0.4	14.0
2.3	21.1	1476.1	850.0	11.5	-4.9	330.2	6.2	3.1	-5.4	298.6	307.5	3.1	31.3	0.7	14.1
3.2	23.8	1724.6	825.0	9.4	-4.5	331.9	5.4	2.5	-4.8	299.0	308.5	3.3	37.1	1.0	14.5
4.1	26.2	1978.7	800.0	7.0	-4.8	308.2	4.8	3.8	-3.0	299.0	308.6	3.4	42.9	1.3	14.5
5.0	29.1	2239.4	775.0	6.8	-15.5	259.0	5.6	5.5	1.1	301.3	305.8	1.5	18.6	1.5	13.7
5.9	31.9	2507.4	750.0	4.3	-16.0	276.4	8.0	7.9	-0.9	301.5	305.9	1.5	20.9	1.7	12.9
6.7	34.9	2782.2	725.0	2.5	-19.2	283.2	11.9	11.6	-2.7	302.3	305.9	1.2	18.3	2.2	12.3
7.5	37.5	3064.7	700.0	0.4	-13.5	280.0	14.6	14.4	-2.6	303.2	309.0	1.9	34.6	2.8	11.9
8.4	40.4	3355.5	675.0	-1.6	-11.4	273.5	14.4	14.4	-0.9	304.1	311.2	2.4	47.1	3.6	11.4
9.4	43.4	3654.6	650.0	-4.4	-12.4	266.4	12.3	12.2	0.8	304.3	311.1	2.3	53.5	4.3	12.9
10.3	46.4	3962.3	625.0	-6.6	-13.3	265.2	11.9	11.8	1.0	305.1	311.7	2.2	59.0	4.9	10.6
11.4	49.6	4280.1	600.0	-8.8	-16.3	265.9	13.3	13.3	1.0	306.1	311.6	1.8	54.6	5.7	10.3
12.5	52.6	4608.6	575.0	-10.7	-25.6	260.3	14.6	14.4	2.5	307.5	310.2	0.8	28.9	6.5	10.1
13.5	55.7	4949.0	550.0	-13.0	-41.6	264.4	15.0	15.0	1.5	308.6	309.4	0.2	8.5	7.4	9.5
14.7	59.0	5331.5	525.0	-15.7	-47.3	270.1	15.0	15.0	-0.0	309.5	309.9	0.1	4.6	8.5	9.7
15.8	62.5	5667.8	500.0	-18.3	-48.6	278.1	16.0	15.8	-2.3	310.6	311.0	0.1	4.9	9.5	9.6
17.0	65.9	6048.3	475.0	-21.2	-50.2	284.1	17.2	16.7	-4.2	311.6	311.9	0.1	5.3	10.7	9.7
18.0	69.5	6444.4	450.0	-24.9	-52.3	278.6	16.2	16.0	-2.4	311.9	312.2	0.1	5.8	11.8	9.8
19.3	73.0	6857.1	425.0	-28.1	-54.2	266.5	16.6	16.5	1.0	313.0	313.2	0.1	6.2	13.0	9.7
20.7	77.0	7289.5	400.0	-31.2	-56.1	252.0	16.8	16.0	5.2	314.3	314.5	0.0	6.5	14.3	9.5
22.0	80.9	7743.9	375.0	-34.7	-58.3	251.9	19.4	18.5	6.0	315.5	315.7	0.0	7.0	15.6	9.3
23.5	85.0	8221.3	350.0	-39.0	-56.6	248.9	20.1	18.7	7.2	316.1	316.3	0.0	13.3	17.3	9.1
25.1	89.2	8725.4	325.0	-43.0	99.9	246.9	23.2	21.4	9.1	317.5	999.9	99.9	99.9	19.2	8.9
26.8	93.8	9259.6	300.0	-47.6	99.9	243.9	22.0	19.7	9.7	318.3	999.9	99.9	99.9	21.3	8.6
28.5	98.3	9828.4	275.0	-52.3	99.9	242.1	23.8	21.0	11.1	319.6	999.9	99.9	99.9	23.5	8.4
30.5	103.2	10441.3	250.0	-55.3	99.9	239.7	25.7	22.2	13.0	323.9	999.9	99.9	99.9	26.3	8.1
32.5	108.5	11113.0	225.0	-56.0	99.9	245.0	26.3	23.8	11.1	332.7	999.9	99.9	99.9	29.4	7.9
35.1	114.0	11860.8	200.0	-56.4	99.9	250.0	26.0	24.4	8.9	343.4	999.9	99.9	99.9	33.4	7.8
38.1	120.3	12710.4	175.0	-55.2	99.9	238.2	21.2	18.0	11.2	358.8	999.9	99.9	99.9	37.3	7.6
41.3	126.8	13699.7	150.0	-54.9	99.9	259.8	21.9	21.6	3.9	375.5	999.9	99.9	99.9	42.2	7.6
45.6	134.3	14865.9	125.0	-57.3	99.9	254.6	17.4	16.8	4.6	391.2	999.9	99.9	99.9	46.9	7.7
50.4	141.7	16278.0	100.0	-55.9	99.9	253.1	17.8	17.0	5.2	419.8	999.9	99.9	99.9	52.6	7.6
56.7	149.7	18110.2	75.0	-56.4	99.9	243.6	16.3	14.6	7.3	454.7	999.9	99.9	99.9	59.1	7.5
64.5	158.7	20700.0	50.0	-54.2	99.9	249.1	9.3	8.6	3.3	515.8	999.9	99.9	99.9	64.7	7.5
77.1	168.3	25206.4	25.0	-50.0	99.9	999.9	99.9	99.9	59.9	641.2	999.9	99.9	99.9	99.9	99.9

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

STATION NO. 606
PORTLAND, ME

24 APRIL 1975
1715 GMT

159 17. 0

TIME M/JN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCNP 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	20.0	1009.7	6.1	6.1	50.0	2.6	-2.0	-1.7	279.2	294.1	5.9	100.0	0.0	0.
0.3	6.3	99.5	1000.0	6.7	5.6	999.9	99.9	99.9	99.9	280.6	295.2	5.7	92.4	999.9	999.
0.8	8.6	307.1	975.0	5.1	5.1	999.9	99.9	99.9	99.9	281.0	295.4	5.7	100.6	999.9	999.
1.5	10.8	519.4	950.0	5.2	5.2	999.9	99.9	99.9	99.9	283.2	298.2	5.8	101.0	999.9	999.
2.3	13.3	739.5	925.0	7.5	7.3	999.9	99.9	99.9	99.9	287.9	306.1	7.0	98.5	999.9	999.
3.0	15.7	966.1	900.0	9.9	7.1	999.9	99.9	99.9	55.9	292.6	311.4	7.1	82.9	999.9	999.
3.7	18.1	1200.5	875.0	9.9	4.7	246.7	8.6	7.9	3.4	294.9	311.5	6.1	70.1	1.3	105.
4.6	20.6	1441.6	850.0	9.0	4.2	255.2	9.2	8.9	2.4	296.4	313.0	6.1	71.7	1.7	90.
5.4	23.1	1689.6	825.0	7.6	3.6	264.8	12.3	12.2	1.1	297.4	314.0	6.0	75.7	2.2	93.
6.2	25.6	1941.9	800.0	6.0	2.7	264.9	13.8	13.7	1.2	298.3	314.4	5.8	79.0	2.8	91.
7.0	28.1	2201.4	775.0	4.1	2.8	268.9	15.1	15.1	0.3	299.0	315.8	6.1	91.3	3.6	90.
8.0	30.9	2467.8	750.0	2.3	0.9	269.7	16.4	16.4	0.1	299.7	314.9	5.5	90.5	4.4	90.
8.9	33.7	2741.3	725.0	0.3	-1.2	272.7	17.8	17.8	-0.8	300.4	314.0	4.9	90.2	5.4	90.
9.9	36.3	3022.2	700.0	-1.8	-2.5	273.1	17.8	17.8	-0.9	301.1	314.0	4.6	94.7	6.5	91.
10.9	39.2	3310.7	675.0	-3.9	-5.2	270.8	18.1	18.1	-0.3	301.7	312.9	3.9	91.4	7.5	91.
11.9	42.0	3608.6	650.0	-3.3	-18.7	270.9	18.6	18.6	-0.3	305.4	309.5	1.3	29.1	8.7	91.
12.9	45.0	3917.4	625.0	-5.7	-25.1	271.2	18.5	18.5	-0.4	305.9	308.5	0.8	19.9	9.8	91.
13.9	48.0	4236.2	600.0	-7.5	-25.8	267.0	20.2	20.2	1.1	307.5	309.9	0.8	21.4	10.9	91.
14.9	51.0	4565.7	575.0	-10.2	-26.6	264.9	22.0	21.9	2.0	308.1	310.6	0.8	24.6	12.2	90.
16.0	54.3	4906.7	550.0	-12.5	-27.9	266.0	21.5	21.5	1.5	309.4	311.6	0.7	26.2	13.7	90.
17.2	57.3	5260.0	525.0	-15.0	-36.8	266.0	18.4	18.3	1.3	310.3	311.4	0.3	13.6	15.1	89.
18.6	60.8	5627.5	500.0	-16.8	-43.6	269.3	18.5	18.5	0.2	312.5	313.0	0.2	7.7	16.6	89.
20.0	64.3	6010.5	475.0	-19.9	-34.2	270.5	18.8	18.8	-0.2	313.4	314.9	0.4	27.1	18.1	89.
21.3	67.7	6409.1	450.0	-22.9	-28.5	265.3	21.7	21.7	1.8	314.4	317.1	0.8	59.9	19.6	89.
22.6	71.3	6826.6	425.0	-24.6	-29.4	266.9	27.8	27.8	1.5	317.5	323.2	0.8	64.1	21.6	89.
23.9	75.2	7265.4	400.0	-27.7	-32.6	269.8	32.0	32.0	0.1	319.0	321.1	0.6	62.8	24.1	89.
25.4	79.2	7726.1	375.0	-31.3	-36.5	272.9	36.0	36.0	-1.8	320.1	321.7	0.4	59.7	27.1	89.
26.9	83.2	8210.1	350.0	-36.0	-41.5	271.3	34.4	34.4	-0.8	320.1	321.1	0.3	56.3	30.1	89.
28.4	87.4	8720.4	325.0	-40.3	99.9	271.7	36.9	36.9	-1.1	321.1	999.9	99.9	999.9	33.3	90.
30.1	92.0	9260.1	300.0	-45.5	99.9	275.0	37.2	37.0	-3.2	321.2	999.9	99.9	999.9	37.2	90.
32.3	96.9	9834.4	275.0	-49.7	99.9	282.9	37.2	36.3	-8.3	323.3	999.9	99.9	999.9	42.0	91.
34.3	101.6	10453.4	250.0	-53.3	99.9	287.4	42.6	40.6	-12.7	326.9	999.9	99.9	999.9	46.4	92.
36.4	107.2	11125.0	225.0	-57.9	99.9	296.8	37.2	33.2	-16.8	329.8	999.9	99.9	999.9	51.7	94.
38.9	113.0	11862.2	200.0	-59.8	99.9	290.2	36.1	33.9	-12.5	338.0	999.9	99.9	999.9	56.8	96.
41.6	119.0	12695.2	175.0	-59.7	99.9	278.3	28.6	28.3	-4.1	351.4	999.9	99.9	999.9	61.9	97.
44.8	125.6	13664.2	150.0	-57.5	99.9	285.0	34.9	33.7	-9.0	371.0	999.9	99.9	999.9	67.3	97.
48.9	132.7	14825.1	125.0	-55.9	99.9	279.3	23.6	23.3	-3.8	393.8	999.9	99.9	999.9	73.8	98.
53.7	139.9	16257.9	100.0	-53.3	99.9	288.8	16.8	15.9	-5.4	424.8	999.9	99.9	999.9	79.4	99.
59.4	146.8	18096.2	75.0	-57.1	99.9	288.4	12.1	11.5	-3.8	453.3	999.9	99.9	999.9	83.9	99.
66.9	154.0	20678.6	50.0	-53.0	99.9	46.6	3.0	-2.2	-2.0	518.6	999.9	99.9	999.9	87.6	101.
77.9	160.8	25174.0	25.0	-49.8	99.9	168.0	1.9	-0.4	1.8	642.1	999.9	99.9	999.9	87.4	101.

* BY SPEED MEANS ELEVATION 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. 637
FLINT, MICH

24 APRIL 1975
1800 GMT

159 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.7	236.0	983.7	9.4	5.6	20.0	5.1	-1.7	-4.8	284.6	299.7	5.8	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	6.4	309.4	975.0	7.1	3.8	350.8	6.2	1.0	-6.1	282.9	296.3	5.2	79.7	0.2	185.
1.2	8.5	522.6	950.0	5.1	4.1	356.7	5.6	0.3	-5.6	283.0	297.1	5.4	93.7	0.4	179.
1.9	10.5	740.0	925.0	3.6	3.0	3.7	4.7	-0.3	-4.7	283.7	297.1	5.2	95.9	0.6	179.
2.6	12.7	962.4	900.0	3.6	2.2	339.9	3.3	1.1	-3.1	285.9	299.0	5.0	90.1	0.8	190.
3.4	15.0	1192.1	875.0	5.2	1.6	296.7	6.1	5.4	-2.7	289.8	303.0	4.9	77.5	0.9	171.
4.2	17.0	1430.0	850.0	7.1	3.3	220.1	8.3	8.2	-1.5	294.3	309.9	5.7	76.8	1.1	154.
5.0	19.5	1676.0	825.0	6.8	3.5	272.1	9.0	9.0	-0.3	296.6	313.0	6.0	79.4	1.4	139.
5.9	21.5	1928.9	800.0	5.8	3.2	273.0	9.5	9.4	-0.5	298.1	314.7	6.1	83.7	1.8	128.
6.8	24.0	2188.5	775.0	4.7	2.5	280.5	10.0	9.9	-1.8	299.6	316.1	6.0	86.0	2.2	120.
7.7	26.3	2456.1	750.0	4.5	-9.6	288.0	10.1	9.6	-3.1	301.8	309.1	2.5	34.9	2.8	118.
8.6	28.8	2731.3	725.0	2.7	-11.8	285.1	10.1	9.8	-2.6	302.7	309.0	2.1	33.5	3.3	116.
9.5	31.4	3014.2	700.0	0.6	-12.4	281.9	10.9	10.7	-2.3	303.4	309.6	2.1	37.1	3.8	114.
10.3	34.0	3305.0	675.0	-1.4	-16.0	278.9	10.7	10.6	-1.7	304.3	309.3	1.6	31.6	4.4	113.
11.4	36.3	3605.0	650.0	-2.7	-25.0	277.9	9.8	9.7	-1.4	306.0	308.5	0.8	15.9	5.0	110.
12.2	39.1	3914.7	625.0	-4.6	-29.5	283.1	10.7	10.4	-2.4	307.2	308.9	0.5	12.1	5.5	110.
13.4	41.7	4235.1	600.0	-6.2	-35.0	282.9	12.1	11.8	-2.7	309.0	310.1	0.3	8.1	6.3	109.
14.4	44.6	4566.5	575.0	-8.6	-37.1	280.5	11.2	11.0	-2.0	309.9	310.8	0.3	7.9	7.1	108.
15.9	47.6	4908.7	550.0	-12.0	-37.5	270.0	12.2	12.2	0.0	309.9	310.8	0.3	9.8	7.9	107.
16.9	50.5	5263.2	525.0	-14.1	-42.3	264.8	13.2	13.1	1.2	311.5	312.1	0.2	7.0	8.8	105.
18.1	53.4	5632.5	500.0	-15.3	-47.0	267.6	13.0	13.0	0.6	314.4	314.8	0.1	4.6	9.6	103.
19.3	56.4	6018.3	475.0	-17.6	-43.5	271.0	13.1	13.1	-0.2	316.1	316.7	0.2	8.3	10.6	102.
20.5	59.6	6421.6	450.0	-19.7	-44.3	263.8	14.2	14.1	1.5	318.4	319.0	0.2	9.1	11.6	101.
21.9	63.0	6843.0	425.0	-22.7	-46.4	257.5	14.4	14.1	3.1	319.8	320.3	0.1	9.4	12.7	99.
23.2	66.3	7284.1	400.0	-26.9	-42.1	248.9	14.8	13.8	5.3	320.6	320.8	0.2	22.0	13.7	97.
24.5	69.7	7743.9	375.0	-30.8	-38.1	243.9	18.5	16.6	8.1	320.8	322.1	0.4	49.5	14.7	94.
26.0	73.3	8234.2	350.0	-32.9	-37.1	251.0	28.0	26.4	9.1	324.4	326.0	0.4	65.4	16.7	91.
27.7	77.3	8751.1	325.0	-37.3	-42.3	256.8	32.4	31.6	7.4	325.2	326.2	0.3	59.6	19.7	88.
29.4	81.3	9299.2	300.0	-41.7	99.9	255.9	39.5	38.4	9.6	326.6	999.9	99.9	999.9	23.2	87.
31.5	85.7	9883.8	275.0	-45.9	99.9	247.3	41.6	38.4	16.0	328.8	999.9	99.9	999.9	28.3	84.
33.7	90.4	10510.3	250.0	-51.5	99.9	248.2	41.4	38.4	15.3	329.5	999.9	99.9	999.9	33.5	81.
35.9	95.3	11185.5	225.0	-57.2	99.9	255.7	45.0	43.6	11.1	330.9	999.9	99.9	999.9	39.0	80.
38.3	100.5	11923.7	200.0	-60.6	99.9	256.1	42.3	41.1	10.2	336.8	999.9	99.9	999.9	45.9	79.
41.4	106.5	12747.1	175.0	-62.2	99.9	250.0	32.8	30.8	11.2	347.4	999.9	99.9	999.9	52.8	79.
44.8	112.8	13712.1	150.0	-57.1	99.9	263.9	27.8	27.6	3.0	371.7	999.9	99.9	999.9	59.3	79.
48.9	120.0	14867.0	125.0	-55.7	99.9	263.1	25.7	25.5	3.1	394.1	999.9	99.9	999.9	65.4	79.
53.8	128.3	16295.5	100.0	-52.6	99.9	259.5	24.4	24.0	4.4	426.2	999.9	99.9	999.9	72.8	80.
59.9	138.0	18129.9	75.0	-59.7	99.9	306.9	9.7	7.7	-5.8	447.8	999.9	99.9	999.9	80.3	80.
67.6	148.7	20682.4	50.0	-56.6	99.9	0.7	2.6	-0.0	-2.6	510.3	999.9	99.9	999.9	83.4	81.
79.3	160.3	25147.9	25.0	-50.9	99.9	267.4	2.8	2.8	0.1	638.9	999.9	99.9	999.9	84.3	81.

* BY SPEED MEANS ELEVATION 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. 645
GREEN BAY, WIS

24 APRIL 1975
1715 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	210.0	988.8	7.2	2.9	20.0	4.1	-1.4	-3.9	281.9	294.2	4.8	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.
0.5	8.3	325.7	975.0	6.3	3.7	999.9	99.9	99.9	99.9	282.2	295.4	5.1	83.2	999.9	999.
1.4	10.5	537.8	950.0	3.6	2.0	999.9	99.9	99.9	99.9	281.4	294.0	4.9	93.4	999.9	999.
2.3	12.9	753.6	925.0	1.2	1.2	5.9	4.7	-0.5	-4.7	281.1	292.9	4.5	100.3	0.5	209.
3.0	15.3	974.0	900.0	0.0	0.0	10.6	6.1	-1.1	-6.0	282.1	293.3	4.3	101.0	0.8	201.
3.8	17.7	1200.7	875.0	3.0	-5.0	18.6	6.3	-2.0	-6.0	287.3	295.6	3.1	57.9	1.1	201.
4.7	20.2	1437.2	850.0	5.8	-6.2	0.6	5.2	-0.1	-5.2	292.6	300.5	2.8	41.9	1.4	198.
5.7	22.6	1681.0	825.0	4.7	-7.1	353.5	5.5	0.6	-5.5	293.9	301.6	2.7	42.0	1.6	194.
6.6	25.2	1931.1	800.0	2.8	-6.4	340.3	5.5	1.9	-5.2	294.5	302.9	3.0	50.8	1.9	191.
7.6	27.7	2188.2	775.0	2.4	-5.0	312.5	6.8	5.0	-4.6	296.8	306.4	3.4	57.9	2.2	183.
8.6	30.3	2452.8	750.0	2.5	-48.4	305.2	7.0	5.7	-4.1	299.3	299.5	0.1	1.0	2.5	175.
9.6	33.1	2726.0	725.0	1.2	-49.2	292.6	7.6	7.1	-2.9	300.8	301.0	0.1	1.0	2.8	167.
10.7	35.8	3007.1	700.0	-0.5	-50.3	282.2	9.2	8.9	-1.9	301.9	302.1	0.1	1.0	3.0	159.
11.9	39.6	3296.5	675.0	-1.9	-51.2	278.7	11.0	10.9	-1.7	303.5	303.7	0.0	1.0	3.5	148.
13.1	41.3	3595.5	650.0	-3.9	-31.5	269.3	10.8	10.8	0.1	304.6	306.0	0.4	9.5	4.0	139.
14.3	44.3	3903.5	625.0	-6.3	-32.5	266.4	10.9	10.9	0.7	305.3	306.6	0.4	10.3	4.5	131.
15.5	47.3	4221.4	600.0	-8.6	-39.2	274.3	12.1	12.1	-0.9	306.1	306.8	0.2	6.3	5.1	125.
16.8	50.4	4550.1	575.0	-10.7	-40.8	277.3	14.9	14.8	-1.9	307.4	308.0	0.2	6.3	6.1	121.
18.0	53.3	4890.1	550.0	-13.1	-39.3	273.0	15.5	15.5	-0.8	308.5	309.3	0.2	8.9	7.2	117.
19.4	56.4	5242.5	525.0	-16.2	-39.9	267.3	15.7	15.7	0.8	309.0	309.7	0.2	10.9	8.3	113.
20.8	59.8	5608.1	500.0	-18.3	-40.0	261.0	17.4	17.2	2.7	310.7	311.5	0.2	12.7	9.6	109.
22.2	63.3	5989.9	475.0	-21.2	-38.4	264.7	18.3	18.2	1.7	311.7	312.7	0.3	19.5	10.9	105.
23.6	66.5	6386.2	450.0	-23.0	-39.0	270.8	21.0	21.0	-0.3	314.3	315.2	0.3	21.4	12.5	103.
25.2	70.1	6802.9	425.0	-25.9	-50.2	269.8	22.0	22.0	0.1	315.8	316.2	0.1	9.0	14.5	101.
26.9	73.7	7239.6	400.0	-28.9	-65.1	270.9	23.2	23.2	-0.4	317.4	317.5	0.0	1.6	16.6	100.
28.4	77.7	7697.4	375.0	-32.9	-58.1	270.7	25.7	25.7	-0.3	318.0	318.2	0.0	6.1	18.9	94.
30.0	81.5	8173.8	350.0	-37.0	-55.6	268.3	30.1	30.1	0.9	318.7	318.9	0.1	13.0	21.6	98.
31.7	85.6	8687.1	325.0	-41.3	99.9	261.8	31.9	31.5	4.5	319.7	999.9	99.9	999.9	24.8	96.
33.7	90.0	9225.1	300.0	-46.1	99.9	255.1	33.1	31.9	8.5	320.5	999.9	99.9	999.9	28.4	94.
35.7	94.8	9798.0	275.0	-51.0	99.9	256.0	33.5	32.5	8.1	321.4	999.9	99.9	999.9	32.3	91.
37.9	99.6	10412.2	250.0	-55.0	99.9	255.4	38.0	36.7	9.6	324.3	999.9	99.9	999.9	36.8	89.
40.2	104.6	11082.7	225.0	-56.1	99.9	254.9	39.3	37.9	10.2	332.6	999.9	99.9	999.9	42.3	86.
42.9	110.4	11827.7	200.0	-58.0	99.9	259.8	28.2	27.8	5.0	340.9	999.9	99.9	999.9	48.2	86.
45.8	116.3	12669.8	175.0	-57.2	99.9	258.4	31.0	30.4	6.2	355.6	999.9	99.9	999.9	52.7	85.
49.0	123.0	13646.9	150.0	-57.1	99.9	256.1	25.7	24.9	6.2	371.8	999.9	99.9	999.9	57.9	85.
52.9	130.5	14810.4	125.0	-53.9	99.9	265.0	24.1	24.0	2.1	397.4	999.9	99.9	999.9	63.2	85.
57.5	138.3	16242.8	100.0	-54.6	99.9	248.4	18.3	17.0	6.8	422.3	999.9	99.9	999.9	69.4	84.
63.3	146.5	18083.4	75.0	-57.1	99.9	300.1	11.7	10.1	-5.9	453.1	999.9	99.9	999.9	77.2	84.
71.5	155.7	20671.3	50.0	-53.8	99.9	116.0	1.9	-1.7	0.8	516.8	999.9	99.9	999.9	80.2	84.
84.2	165.3	25155.6	25.0	-49.7	99.9	71.8	3.9	-3.7	-1.2	642.2	999.9	99.9	999.9	80.7	84.

* BY SPEED MEANS ELEVATION 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. 654
HURON, S D

24 APRIL 1975
1720 GMT

128 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR CG	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	965.8	10.0	6.7	150.0	4.1	-2.1	3.6	286.8	303.5	6.4	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.5	10.4	529.3	950.0	9.5	6.1	151.8	6.9	-3.2	6.0	287.6	303.9	6.2	79.7	0.2	324.
1.3	12.5	750.5	925.0	8.3	5.2	154.1	7.5	-3.3	6.8	288.6	304.4	6.0	80.6	0.5	330.
2.0	14.8	976.6	900.0	6.9	4.7	151.3	6.7	-3.2	5.9	289.4	305.3	6.0	86.0	0.8	331.
2.7	16.8	1208.1	875.0	5.4	4.8	164.2	6.7	-1.8	6.5	290.2	306.6	6.2	95.8	1.1	332.
3.6	19.2	1445.0	850.0	4.5	4.2	194.5	6.7	1.7	6.4	291.6	307.9	6.1	97.8	1.4	338.
4.4	21.4	1688.5	825.0	3.8	3.5	218.9	7.3	4.6	5.7	293.4	309.5	6.0	98.1	1.7	347.
5.3	23.8	1938.5	800.0	2.9	2.6	226.6	8.0	5.8	5.5	295.0	311.7	5.8	98.2	1.9	358.
6.1	26.1	2195.6	775.0	1.8	1.6	235.4	7.3	6.0	4.1	296.5	311.7	5.6	98.5	2.2	6.
7.0	28.6	2460.3	750.0	1.7	-4.1	217.0	9.6	5.8	7.7	298.9	309.6	3.8	66.3	2.5	12.
7.9	31.1	2733.9	725.0	1.4	-6.8	210.8	12.1	6.2	10.4	301.4	310.6	3.2	54.5	3.1	16.
9.0	33.7	3015.4	700.0	-1.0	-7.1	208.4	14.2	6.8	12.5	301.8	311.1	3.2	63.1	3.9	19.
9.9	36.1	3304.7	675.0	-3.3	-6.2	207.2	16.9	7.8	15.1	302.4	312.7	3.6	80.1	4.8	20.
11.1	38.9	3602.3	650.0	-5.2	-8.2	205.3	18.9	8.1	17.1	303.4	312.6	3.2	79.3	6.0	22.
12.0	41.4	3909.5	625.0	-7.3	-11.5	206.7	19.9	8.9	17.8	304.4	311.9	2.6	72.3	7.1	22.
13.0	44.3	4226.1	600.0	-10.0	-15.1	210.7	19.0	9.7	16.3	304.8	310.8	2.0	65.7	8.2	23.
14.0	47.1	4553.1	575.0	-12.3	-18.5	214.2	18.8	10.5	15.5	305.7	310.5	1.5	59.7	9.5	24.
15.3	50.2	4891.3	550.0	-15.0	-19.2	216.7	19.9	11.9	15.9	306.5	311.2	1.5	69.9	10.8	26.
16.5	53.0	5241.8	525.0	-17.7	-21.4	217.9	20.1	12.4	15.9	307.2	311.3	1.3	72.9	12.3	27.
17.9	55.9	5604.9	500.0	-20.6	-39.6	216.9	20.6	12.3	16.4	307.9	308.8	0.3	17.6	13.8	28.
19.3	59.1	5982.2	475.0	-23.6	-38.8	214.2	20.9	11.7	17.3	308.7	309.7	0.3	23.1	15.7	29.
20.9	62.5	6374.9	450.0	-27.1	99.9	215.9	20.8	12.2	16.9	309.2	999.9	99.9	999.9	17.7	30.
22.3	65.7	6785.0	425.0	-29.6	99.9	219.6	19.1	12.2	14.7	311.1	999.9	99.9	999.9	19.8	31.
23.8	69.1	7214.4	400.0	-32.8	99.9	218.8	19.0	11.9	14.8	312.3	999.9	99.9	999.9	21.0	31.
25.4	72.6	7665.6	375.0	-36.1	99.9	223.8	20.3	14.1	14.7	313.8	999.9	99.9	999.9	22.9	32.
27.1	76.5	8140.5	350.0	-40.2	99.9	224.8	23.6	16.6	16.8	314.5	999.9	99.9	999.9	25.2	33.
28.7	80.4	8641.7	325.0	-44.6	99.9	224.5	24.8	17.1	17.4	315.2	999.9	99.9	999.9	27.5	34.
30.3	84.5	9172.3	300.0	-48.8	99.9	228.5	28.2	21.1	18.7	316.6	999.9	99.9	999.9	29.8	35.
32.1	88.7	9739.0	275.0	-52.9	99.9	230.5	28.7	22.2	18.2	318.7	999.9	99.9	999.9	32.9	37.
34.2	93.4	10349.7	250.0	-56.2	99.9	225.8	26.0	18.6	18.2	322.6	999.9	99.9	999.9	36.0	38.
36.3	98.2	11025.1	225.0	-53.1	99.9	242.5	27.8	24.6	12.8	337.2	999.9	99.9	999.9	39.4	39.
38.7	103.4	11779.7	200.0	-55.0	99.9	249.5	19.9	18.6	7.0	345.7	999.9	99.9	999.9	42.5	41.
41.6	109.3	12633.9	175.0	-54.8	99.9	247.6	19.9	18.4	7.6	359.4	999.9	99.9	999.9	45.6	43.
45.1	115.4	13625.9	150.0	-53.1	99.9	254.8	21.7	21.0	5.7	378.6	999.9	99.9	999.9	50.0	45.
49.2	122.3	14793.5	125.0	-54.7	99.9	251.6	19.4	18.4	6.1	395.9	999.9	99.9	999.9	53.9	48.
53.8	129.8	16226.3	100.0	-53.6	99.9	245.4	15.8	14.3	6.6	424.2	999.9	99.9	999.9	58.9	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. 655
ST CLOUD, MINN

24 APRIL 1975
1738 GMT

159 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PQT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	316.0	979.0	8.1	3.9	90.0	5.1	-5.1	0.0	283.6	297.1	5.2	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	6.0	349.8	975.0	7.4	3.1	277.6	3.5	3.5	-0.5	283.3	296.0	4.9	73.8	0.4	275.
0.8	7.9	563.0	950.0	5.1	4.0	290.6	1.2	1.1	-0.4	283.0	297.0	5.4	92.8	0.4	275.
1.6	9.9	780.2	925.0	2.9	2.8	91.2	4.7	-4.7	0.1	282.9	296.1	5.1	98.9	0.5	272.
2.2	11.8	1002.0	900.0	1.6	1.5	98.2	5.4	-5.3	0.8	283.7	296.1	4.7	99.4	0.7	273.
3.0	13.8	1229.9	875.0	3.0	-0.2	104.2	4.4	-4.3	1.1	287.4	298.9	4.3	79.6	1.0	275.
3.8	15.8	1464.8	850.0	2.8	-2.2	111.9	5.0	-4.6	1.9	289.5	299.9	3.8	69.7	1.2	277.
4.9	17.9	1706.2	825.0	1.9	-2.7	178.9	4.3	-0.1	4.3	291.1	301.5	3.8	71.6	1.4	285.
5.7	20.1	1954.4	800.0	1.0	-5.0	189.5	2.8	0.5	2.8	292.6	301.9	3.3	65.6	1.4	293.
6.7	22.1	2210.6	775.0	3.1	-22.8	256.1	2.5	2.4	0.6	297.3	299.7	0.8	12.7	1.4	297.
7.8	24.4	2475.7	750.0	1.8	-21.3	267.8	3.7	3.7	0.1	298.7	301.6	0.9	16.0	1.2	302.
8.8	26.5	2748.1	725.0	0.2	-18.7	271.7	6.1	6.1	-0.2	299.9	303.7	1.3	23.6	1.0	310.
9.8	28.9	3028.1	700.0	-2.2	-9.4	265.4	7.5	7.5	0.6	300.4	308.2	2.7	57.6	0.7	332.
10.8	31.4	3315.6	675.0	-5.2	-10.2	262.1	9.0	8.9	1.2	300.2	307.8	2.6	68.2	0.8	9.
11.9	33.9	3611.3	650.0	-6.6	-15.6	273.9	8.6	8.6	-0.6	301.7	306.9	1.8	48.8	1.1	46.
13.0	36.2	3917.0	625.0	-8.1	-33.9	283.0	6.8	6.6	-1.5	303.2	304.4	0.4	10.9	1.5	52.
14.2	38.9	4232.9	600.0	-9.8	-36.3	284.9	7.0	6.8	-1.8	304.7	305.7	0.3	9.4	1.8	73.
15.4	41.3	4559.5	575.0	-12.7	-31.9	279.3	8.4	8.3	-1.4	305.1	306.6	0.5	18.1	2.3	79.
16.7	44.1	4897.2	550.0	-14.7	-33.0	274.4	9.7	9.6	-0.7	306.7	308.1	0.4	19.2	3.0	83.
18.0	47.0	5247.2	525.0	-17.9	-32.9	285.2	10.3	9.9	-2.7	307.0	308.5	0.5	25.4	3.8	86.
19.2	49.9	5610.7	500.0	-20.2	-39.1	282.0	12.9	12.6	-2.7	308.4	309.3	0.3	16.6	4.5	90.
20.6	52.8	5989.3	475.0	-22.4	-43.8	272.1	13.1	13.1	-0.5	310.2	310.8	0.2	12.2	5.7	91.
22.2	55.8	6383.7	450.0	-25.8	-46.0	261.4	11.8	11.7	1.8	310.8	311.3	0.1	12.8	6.8	91.
23.7	59.0	6794.8	425.0	-29.4	-49.6	255.3	10.1	9.7	2.6	311.3	311.7	0.1	11.9	7.8	89.
25.4	62.4	7224.6	400.0	-33.3	-48.6	252.4	10.0	9.6	3.0	311.7	312.1	0.1	19.6	8.9	87.
27.0	65.9	7674.2	375.0	-37.3	-49.0	260.6	14.0	13.8	2.3	312.2	312.6	0.1	27.8	9.9	86.
28.8	69.4	8148.5	350.0	-40.1	99.9	263.5	21.6	21.4	2.4	314.7	999.9	99.9	999.9	11.8	86.
30.7	73.0	8649.3	325.0	-44.2	99.9	263.8	25.0	24.8	2.7	315.7	999.9	99.9	999.9	14.5	85.
32.5	77.2	9181.1	300.0	-48.5	99.9	258.5	28.0	27.4	5.6	317.0	999.9	99.9	999.9	17.2	84.
34.5	81.3	9748.6	275.0	-52.7	99.9	252.9	29.6	28.3	8.7	318.9	999.9	99.9	999.9	20.8	83.
36.6	85.9	10357.6	250.0	-57.1	99.9	248.5	33.2	30.9	12.2	321.2	999.9	99.9	999.9	24.6	81.
38.7	90.8	11021.2	225.0	-56.2	99.9	252.5	31.9	30.4	9.6	329.3	999.9	99.9	999.9	28.9	79.
41.1	96.0	11762.3	200.0	-59.6	99.9	259.4	23.4	23.0	4.3	338.5	999.9	99.9	999.9	32.6	79.
43.8	101.8	12608.3	175.0	-55.2	99.9	256.5	26.5	25.8	6.2	358.8	999.9	99.9	999.9	37.3	73.
46.5	108.3	13588.9	150.0	-56.2	99.9	255.0	25.4	24.6	6.6	373.3	999.9	99.9	999.9	40.9	78.
49.8	115.5	14752.4	125.0	-55.6	99.9	251.5	20.1	19.0	6.4	394.4	999.9	99.9	999.9	45.3	78.
54.0	124.3	16183.4	100.0	-54.4	99.9	253.2	13.2	12.6	3.8	422.7	999.9	99.9	999.9	49.8	77.
59.6	135.0	18045.7	75.0	-52.6	99.9	245.5	18.5	16.8	7.7	462.6	999.9	99.9	999.9	54.5	76.
66.4	145.5	20638.6	50.0	-54.8	99.9	241.6	4.3	3.8	2.1	514.3	999.9	99.9	999.9	57.8	76.
78.3	158.5	25125.8	25.0	-51.2	99.9	332.5	6.2	2.9	-5.5	637.6	999.9	99.9	999.9	59.4	77.

* BY SPEED MEANS ELEVATION 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. 662
RAPID CITY, S D

24 APRIL 1975
1735 GMT

150 28. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.5	566.0	901.8	13.9	4.2	310.0	15.4	11.8	-9.9	296.4	312.2	5.8	52.0	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.
0.1	15.7	982.8	900.0	12.9	3.2	318.2	16.9	11.2	-12.6	295.5	310.2	5.4	51.8	0.2	42.
0.9	18.1	1217.2	875.0	9.0	1.2	326.6	20.1	11.1	-16.8	293.8	306.8	4.8	57.9	1.1	142.
1.8	20.6	1456.7	850.0	6.8	1.2	325.4	20.2	11.5	-16.6	293.9	307.3	4.9	67.4	2.1	143.
2.5	23.1	1701.3	825.0	4.5	0.2	327.8	18.4	9.8	-15.6	294.0	306.9	4.7	73.3	3.0	144.
3.3	25.7	1951.4	800.0	2.6	-0.9	324.1	22.0	12.9	-17.8	294.5	306.8	4.5	77.4	3.9	145.
4.1	28.2	2207.4	775.0	0.6	-1.6	320.0	19.8	12.7	-15.2	295.0	307.1	4.4	85.4	4.9	144.
4.8	31.0	2469.9	750.0	-2.0	-2.9	314.7	18.2	12.9	-12.8	294.9	306.4	4.1	93.8	5.7	143.
5.7	33.9	2740.0	725.0	-2.2	-7.0	313.1	20.0	14.6	-13.6	297.4	306.3	3.1	69.5	6.7	142.
6.4	36.4	3018.4	700.0	-3.2	-8.0	313.4	18.3	13.3	-12.5	299.3	307.9	3.0	69.5	7.6	141.
7.1	39.4	3305.9	675.0	-4.2	-12.9	310.5	17.0	12.9	-11.0	301.2	307.5	2.1	50.6	8.2	140.
7.9	42.1	3602.5	650.0	-5.9	-15.3	301.2	16.0	13.6	-8.3	302.4	307.8	1.8	47.3	9.1	139.
8.7	45.1	3908.4	625.0	-8.5	-17.7	288.9	14.8	14.0	-4.8	302.9	307.5	1.5	47.3	9.7	137.
9.6	48.3	4223.7	600.0	-10.9	-18.9	284.7	16.7	16.2	-4.2	303.7	308.1	1.4	51.7	10.3	135.
10.3	51.2	4549.5	575.0	-12.8	-22.7	288.3	17.9	17.0	-5.5	305.1	308.4	1.1	43.1	11.1	133.
11.2	54.4	4887.1	550.0	-15.5	-24.5	292.8	18.8	17.4	-7.3	305.8	308.8	0.9	45.6	12.0	131.
12.0	57.4	5236.7	525.0	-18.0	-28.0	298.3	20.5	18.1	-9.7	306.9	309.2	0.7	41.1	12.9	130.
13.0	60.9	5600.2	500.0	-20.1	-36.7	301.7	21.4	18.2	-11.3	308.5	309.6	0.3	21.1	14.0	129.
13.9	64.4	5977.7	475.0	-23.8	-42.0	302.4	23.1	19.5	-12.4	308.5	309.1	0.2	16.7	15.3	129.
14.8	67.7	6370.0	450.0	-27.1	-40.2	304.3	22.5	18.6	-12.7	309.2	310.0	0.3	27.3	16.7	128.
15.9	71.1	6779.5	425.0	-30.3	-43.8	303.3	21.7	14.2	-11.9	310.1	310.7	0.2	25.2	18.0	128.
17.0	75.0	7207.2	400.0	-34.1	-46.7	299.9	22.1	19.1	-11.0	310.6	311.1	0.1	26.4	19.4	127.
18.1	78.9	7654.9	375.0	-38.2	-49.3	301.7	20.5	17.4	-10.8	310.9	311.3	0.1	29.8	20.8	127.
19.3	82.8	8125.1	350.0	-42.6	99.9	308.6	21.7	17.0	-13.5	311.3	999.9	99.9	999.9	22.4	127.
20.5	86.8	8622.8	325.0	-45.7	99.9	307.5	23.1	18.4	-14.1	313.6	999.9	99.9	999.9	23.8	127.
21.8	91.3	9153.4	300.0	-47.6	99.9	307.3	24.5	19.5	-14.8	318.3	999.9	99.9	999.9	25.8	127.
23.1	95.8	9724.7	275.0	-50.4	99.9	310.8	22.6	17.1	-14.7	322.2	999.9	99.9	999.9	27.8	127.
24.5	100.6	10343.1	250.0	-53.1	99.9	302.4	19.0	16.1	-10.2	327.2	999.9	99.9	999.9	29.5	127.
25.9	105.6	11016.7	225.0	-57.4	99.9	284.0	23.4	22.7	-5.7	330.6	999.9	99.9	999.9	31.1	126.
27.5	111.0	11765.9	200.0	-54.7	99.9	271.7	25.6	25.6	-0.8	346.2	999.9	99.9	999.9	33.3	124.
29.4	116.8	12626.5	175.0	-51.9	99.9	261.4	17.9	17.7	2.7	364.3	999.9	99.9	999.9	35.3	122.
31.5	123.3	13616.4	150.0	-55.4	99.9	252.2	20.0	19.1	6.1	374.6	999.9	99.9	999.9	36.4	119.
33.9	130.5	14773.3	125.0	-56.8	99.9	265.1	22.2	22.1	1.9	392.1	999.9	99.9	999.9	39.4	116.
36.8	138.0	16204.9	100.0	-52.1	99.9	259.9	9.2	9.0	1.6	427.2	999.9	99.9	999.9	42.2	114.
40.4	146.0	18049.8	75.0	-50.0	99.9	233.1	13.0	10.4	7.8	468.2	999.9	99.9	999.9	43.2	111.
45.7	155.0	20670.0	50.0	-51.9	99.9	236.7	2.9	2.4	1.6	521.2	999.9	99.9	999.9	43.4	110.
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

24 APRIL 1975
1725 GMT

167 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	180.0	997.1	23.5	18.4	180.0	3.6	0.0	3.6	298.7	334.3	13.5	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	999.9	999.9	99.9	999.9	999.9	999.9
0.7	7.7	375.4	975.0	21.1	17.7	203.1	12.0	4.7	11.0	298.2	333.0	13.2	80.9	0.4	18.
1.5	10.0	600.4	950.0	19.4	18.1	209.9	13.0	6.5	11.3	298.7	335.3	13.9	92.2	1.0	22.
2.4	12.1	829.4	925.0	16.4	16.0	214.0	13.8	7.7	11.4	297.8	330.8	12.5	97.5	1.7	28.
3.5	14.4	1063.2	900.0	15.1	14.6	224.2	16.5	11.5	11.9	298.7	329.8	11.7	96.8	2.6	31.
4.4	16.5	1302.2	875.0	14.0	13.2	234.0	21.6	17.4	12.7	295.8	329.2	11.0	94.7	3.7	36.
5.3	18.9	1547.1	850.0	13.5	10.5	242.9	20.2	18.0	9.2	301.5	327.2	9.5	82.4	4.8	41.
6.4	21.2	1799.0	825.0	13.3	6.5	251.8	16.7	15.8	5.2	303.7	324.2	7.4	63.1	5.8	47.
7.4	23.6	2057.6	800.0	11.4	5.8	254.9	15.7	15.1	4.1	304.2	324.5	7.3	68.5	6.7	51.
8.5	25.9	2322.4	775.0	9.8	3.6	259.9	16.7	16.4	2.9	305.2	323.3	6.4	65.5	7.6	54.
9.5	28.4	2594.1	750.0	7.4	2.2	262.1	17.1	17.0	2.3	305.4	322.4	6.0	69.5	8.6	57.
10.5	31.1	2872.5	725.0	5.2	0.6	259.7	19.3	18.9	3.5	305.9	321.6	5.5	72.2	9.6	60.
11.6	33.7	3158.5	700.0	3.0	0.9	256.5	20.3	19.7	4.7	306.5	323.2	5.8	86.0	10.8	62.
12.8	36.3	3453.3	675.0	4.0	-21.5	253.6	25.1	24.1	7.1	310.3	314.2	1.3	16.9	12.3	64.
13.9	39.0	3759.6	650.0	3.4	-47.8	251.3	27.3	25.9	8.7	312.8	313.1	0.1	1.0	14.2	65.
15.1	41.6	4076.3	625.0	0.6	-14.9	251.5	27.7	26.2	8.8	313.4	319.4	1.9	30.2	16.2	66.
16.3	44.5	4402.2	600.0	-2.5	-21.7	254.7	25.7	24.8	6.8	313.4	317.1	1.1	21.4	18.1	66.
17.5	47.6	4738.3	575.0	-4.5	-41.4	254.2	26.0	25.0	7.1	314.7	315.5	0.2	5.0	19.8	67.
18.6	50.6	5086.6	550.0	-7.3	-29.4	255.9	26.0	25.2	6.3	315.4	317.5	0.6	15.2	21.6	68.
19.8	53.6	5446.5	525.0	-10.8	-25.3	255.9	26.3	25.8	5.1	315.5	318.5	0.9	29.1	23.3	68.
21.1	56.7	5819.3	500.0	-13.7	-48.2	262.4	30.1	29.8	4.0	316.3	317.4	0.3	11.7	25.5	69.
22.3	60.0	6208.1	475.0	-15.3	-59.6	266.6	30.8	30.7	1.8	319.0	319.1	0.0	1.0	27.7	71.
23.7	63.4	6614.2	450.0	-17.9	-61.3	268.8	27.3	27.3	0.6	320.7	320.8	0.0	1.0	30.1	72.
25.2	66.9	7039.2	425.0	-20.8	-63.2	272.4	25.0	25.0	-1.1	322.2	322.3	0.0	1.0	32.4	73.
26.8	70.5	7484.3	400.0	-24.4	-65.5	272.1	27.1	27.1	-1.0	323.2	323.2	0.0	1.0	34.8	75.
28.5	74.3	7950.5	375.0	-28.5	-68.2	266.9	25.1	25.0	1.4	323.9	323.9	0.0	1.0	37.2	76.
30.2	78.5	8441.7	350.0	-31.8	-70.4	268.1	26.4	26.4	0.9	325.7	325.8	0.0	1.0	39.9	77.
31.9	82.6	8960.5	325.0	-36.5	-73.4	270.0	23.5	23.5	0.0	326.3	326.3	0.0	1.0	42.1	77.
33.3	86.9	9509.9	300.0	-41.2	99.9	268.9	29.4	29.4	0.6	327.4	999.9	99.9	999.9	44.6	78.
35.1	91.8	10094.6	275.0	-4.1	99.9	276.5	27.4	27.2	-3.1	328.3	999.9	99.9	999.9	47.6	79.
36.9	96.6	10721.4	250.0	-51.2	99.9	283.6	24.5	23.8	-5.8	330.0	999.9	99.9	999.9	50.3	80.
39.1	102.0	11399.3	225.0	-55.7	99.9	287.2	24.2	23.1	-7.2	333.2	999.9	99.9	999.9	52.9	82.
41.4	108.0	12140.5	200.0	-59.9	99.9	278.7	22.6	22.4	-3.4	337.9	999.9	99.9	999.9	56.0	83.
44.0	114.3	12967.0	175.0	-62.5	99.9	263.4	28.9	28.7	3.3	346.9	999.9	99.9	999.9	59.8	83.
47.0	121.3	13923.9	150.0	-60.0	99.9	266.6	32.7	32.7	1.9	366.7	999.9	99.9	999.9	65.7	83.
50.3	129.0	15061.9	125.0	-60.3	99.9	269.4	26.6	26.6	0.2	385.9	999.9	99.9	999.9	71.1	84.
54.4	137.3	16431.1	100.0	-65.2	99.9	275.1	22.5	22.4	-2.0	401.9	999.9	99.9	999.9	77.4	84.
59.5	146.3	18161.1	75.0	-67.3	99.9	238.9	6.8	5.6	3.9	431.8	999.9	99.9	999.9	82.1	85.
66.5	156.3	20661.6	50.0	-59.3	99.9	105.4	2.8	-2.7	0.7	503.8	999.9	99.9	999.9	82.8	85.
77.4	167.0	25089.5	25.0	-50.8	99.9	66.7	5.6	-5.1	-2.2	638.7	999.9	99.9	999.9	83.2	86.

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

STATION NO. 22002
FT. SILL, OKLA

24 APRIL 1975
1850 GMT

98 208. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	362.0	966.6	28.0	15.6	190.0	4.1	0.7	4.0	305.7	337.6	11.7	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.
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	979.
0.5	10.1	515.3	950.0	25.2	15.4	206.5	6.5	2.9	5.8	304.4	336.1	11.7	54.3	0.2	5.
1.2	12.1	749.2	925.0	23.1	13.6	206.6	6.9	3.1	6.2	304.4	333.5	10.7	55.1	0.5	17.
2.2	14.4	987.7	900.0	21.2	13.1	212.4	7.4	4.0	6.3	304.8	333.8	10.6	60.1	1.0	21.
3.2	16.5	1231.2	875.0	18.8	11.9	218.9	8.5	5.4	6.6	304.6	332.4	10.1	64.4	1.4	27.
4.3	18.8	1479.7	850.0	18.9	-2.3	244.3	7.4	6.7	3.2	306.5	318.4	4.1	26.2	1.9	32.
5.4	20.9	1735.7	825.0	18.5	-4.8	247.6	10.5	9.7	4.0	308.6	318.3	3.2	20.0	2.3	40.
6.3	23.3	1998.4	800.0	16.9	-6.1	242.3	13.0	11.5	6.0	309.5	318.6	3.0	20.1	3.0	46.
7.4	25.7	2267.7	775.0	14.7	-7.5	233.3	13.5	10.8	8.0	310.0	318.4	2.8	20.9	3.9	49.
8.4	28.1	2543.4	750.0	12.5	-9.0	237.9	14.6	12.3	7.7	310.4	318.2	2.6	21.3	4.7	50.
9.5	30.7	2826.3	725.0	10.1	-10.9	243.7	14.6	13.1	6.5	310.8	317.9	2.3	21.4	5.7	52.
10.7	33.3	3116.8	700.0	8.1	-12.6	238.5	15.3	13.1	8.0	311.7	318.2	2.1	21.5	6.7	53.
11.9	35.8	3415.4	675.0	5.3	-13.4	232.8	15.8	12.6	9.5	311.8	318.1	2.0	24.3	7.8	54.
13.1	38.5	3722.0	650.0	2.3	-7.1	230.4	17.0	13.1	10.9	312.0	322.6	3.5	51.1	9.0	53.
14.3	41.1	4037.8	625.0	-0.3	-3.2	230.5	18.4	14.2	11.7	312.8	327.2	4.9	80.9	10.3	53.
15.5	44.0	4363.2	600.0	-2.6	-16.6	232.7	19.3	15.3	11.7	313.4	318.8	1.7	33.0	11.6	53.
16.8	47.0	4699.1	575.0	-5.2	-19.3	222.7	20.7	15.6	13.7	314.1	318.7	1.4	32.0	13.1	53.
18.1	50.1	5046.7	550.0	-8.0	-22.0	230.2	22.4	17.2	14.3	314.7	318.6	1.2	31.3	14.8	52.
19.4	53.0	5406.1	525.0	-11.1	-24.5	235.3	24.1	19.8	13.7	315.2	318.4	1.0	32.0	16.6	52.
20.7	56.1	5778.9	500.0	-13.7	-30.6	245.4	26.2	23.8	10.9	316.4	316.4	0.6	22.4	18.7	53.
22.1	59.4	6167.6	475.0	-15.9	-33.6	245.9	29.3	26.7	11.9	318.2	319.9	0.5	20.1	20.9	55.
23.5	62.9	6573.3	450.0	-18.2	-35.5	243.7	28.6	25.7	12.7	320.3	321.8	0.4	20.3	23.3	56.
25.0	66.4	6997.3	425.0	-21.7	-37.3	242.1	27.5	24.3	12.9	321.2	322.5	0.4	22.7	26.0	56.
26.5	70.1	7440.3	400.0	-25.8	-39.9	241.1	28.9	25.3	14.0	321.4	322.5	0.3	24.9	28.3	57.
28.0	73.8	7904.5	375.0	-29.7	-43.3	241.2	29.8	26.1	14.3	322.3	323.1	0.2	25.1	31.1	57.
29.5	77.8	8392.6	350.0	-33.4	-46.0	242.3	31.0	27.4	14.4	323.7	324.3	0.2	26.7	33.6	58.
31.2	82.0	8908.3	325.0	-37.9	-49.9	243.6	33.2	29.7	14.7	324.4	324.9	0.1	26.8	36.8	58.
32.9	86.2	9454.5	300.0	-42.3	99.9	251.0	34.1	32.2	11.1	325.7	999.9	99.9	999.9	40.3	59.
34.7	91.0	10036.9	275.0	-46.8	99.9	258.0	34.3	33.5	7.1	327.5	999.9	99.9	999.9	43.7	60.
36.7	96.0	10663.1	250.0	-51.0	99.9	261.0	31.9	31.5	5.0	330.3	999.9	99.9	999.9	48.0	62.
38.7	101.0	11340.6	225.0	-56.1	99.9	999.9	99.9	99.9	99.9	332.6	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

24 April 1975

2100 GMT

259 - 299

STATION NO. 298
CHARLESTON, SC

24 APRIL 1975
2100 GMT

166 21. 0

TIME MIN	CNTCT	HEIGHT GFH	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 GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	13.0	1019.0	24.4	16.6	200.0	7.2	2.5	6.8	297.6	328.7	11.8	62.0	0.0	0.
0.6	6.0	177.3	1000.0	21.8	14.1	212.1	9.6	5.1	8.1	296.3	323.2	10.2	61.5	0.4	27.
1.6	8.2	396.7	975.0	20.2	14.3	209.3	11.7	5.7	10.2	297.0	325.0	10.6	68.8	1.1	29.
2.4	10.5	620.4	950.0	17.7	13.8	215.9	11.5	6.7	9.3	296.6	324.4	10.6	78.2	1.6	30.
3.2	12.6	848.2	925.0	15.7	13.7	220.7	10.5	6.9	8.0	296.8	325.2	10.7	88.0	2.2	32.
4.2	15.1	1080.7	900.0	14.4	11.6	228.8	10.6	8.0	7.0	297.6	323.2	9.6	83.6	2.8	35.
5.0	17.2	1319.0	875.0	14.2	3.1	225.4	9.4	6.7	6.6	299.3	314.6	5.5	47.2	3.2	37.
6.1	19.7	1563.5	850.0	13.0	3.5	214.2	8.6	4.8	7.1	300.5	316.7	5.8	52.6	3.8	37.
7.0	22.0	1813.9	825.0	12.2	-6.0	215.7	9.5	5.6	7.7	301.9	310.5	3.0	27.4	4.3	37.
8.0	24.6	2071.5	800.0	12.0	-12.7	231.5	9.3	7.3	5.8	304.2	310.0	1.9	17.5	4.8	38.
9.0	26.9	2336.4	775.0	10.7	-2.0	243.2	9.6	8.6	4.3	305.9	318.3	4.3	41.0	5.4	40.
10.1	29.6	2609.6	750.0	9.8	-2.1	262.0	10.0	9.9	1.4	307.8	320.6	4.4	43.3	5.9	43.
11.2	32.3	2890.5	725.0	8.1	-1.9	276.7	11.2	11.1	-1.3	308.9	322.3	4.6	49.2	6.4	48.
12.3	35.1	3179.2	700.0	5.9	-2.2	279.9	12.6	12.4	-2.2	309.6	323.2	4.7	55.8	6.9	53.
13.5	37.7	3476.5	675.0	4.5	-3.8	283.9	12.0	11.6	-2.9	311.2	324.0	4.3	55.1	7.6	58.
14.6	40.5	3783.5	650.0	3.0	-7.1	296.0	14.1	12.6	-6.2	312.8	323.3	3.5	47.5	8.1	62.
15.9	43.3	4099.9	625.0	0.5	-9.3	301.0	16.4	14.0	-8.4	313.4	322.7	3.0	47.5	8.8	69.
17.0	46.4	4426.4	600.0	-1.9	-9.7	295.6	14.8	13.4	-6.4	314.3	323.6	3.1	55.1	9.6	74.
18.3	49.5	4763.7	575.0	-4.2	-8.7	286.5	14.2	13.6	-4.0	315.5	326.0	3.4	70.6	10.4	78.
19.5	52.4	5112.9	550.0	-6.2	-13.5	266.0	14.2	13.6	-3.9	317.0	324.7	2.5	56.7	11.4	80.
20.8	55.7	5475.4	525.0	-8.9	-19.3	294.7	14.8	13.4	-6.2	317.9	323.0	1.6	42.4	12.3	83.
22.1	59.0	5851.0	500.0	-12.0	-21.2	305.1	15.0	12.3	-8.6	318.6	323.2	1.4	45.8	13.3	86.
23.4	62.4	6242.0	475.0	-14.6	-24.3	305.7	14.2	11.5	-8.3	320.0	323.7	1.1	43.3	14.2	89.
24.8	65.9	6649.5	450.0	-17.0	-43.5	308.8	12.6	9.8	-7.9	321.8	322.6	0.2	9.5	15.1	92.
26.4	69.6	7075.8	425.0	-20.3	-44.0	309.5	15.1	11.6	-9.6	322.8	323.5	0.2	10.0	16.1	94.
28.0	73.2	7521.5	400.0	-24.0	-41.5	306.0	17.3	14.0	-10.2	323.7	324.6	0.3	18.4	17.4	97.
29.7	77.2	7989.1	375.0	-27.8	-48.6	303.1	14.3	12.0	-7.8	324.7	325.2	0.1	11.6	18.8	99.
31.5	81.2	8481.3	350.0	-31.1	-51.0	300.9	13.9	11.9	-7.1	326.8	327.1	0.1	11.9	20.2	101.
33.4	85.4	9001.9	325.0	-35.7	-54.5	299.5	15.5	13.5	-7.7	327.4	327.7	0.1	12.4	21.9	103.
35.5	89.8	9553.3	300.0	-40.1	99.9	300.1	14.6	12.6	-7.3	328.9	999.9	99.9	999.9	23.8	104.
37.8	94.8	10140.0	275.0	-45.6	99.9	292.4	16.4	15.2	-6.3	329.3	999.9	99.9	999.9	25.7	105.
40.2	99.6	10767.9	250.0	-51.0	99.9	295.5	16.3	14.7	-7.0	330.3	999.9	99.9	999.9	28.2	106.
43.1	104.8	11444.5	225.0	-56.0	99.9	289.2	17.6	16.6	-5.8	332.6	999.9	99.9	999.9	31.0	106.
46.1	110.4	12188.0	200.0	-59.3	99.9	280.8	22.4	22.0	-4.2	338.9	999.9	99.9	999.9	34.6	106.
49.5	116.5	13021.3	175.0	-59.9	99.9	280.3	29.7	29.2	-5.3	351.0	999.9	99.9	999.9	39.5	105.
53.2	123.3	13969.3	150.0	-59.2	99.9	289.3	25.1	23.7	-8.3	368.1	999.9	99.9	999.9	45.9	105.
57.7	130.8	15125.0	125.0	-62.6	99.9	284.5	21.3	20.6	-5.3	381.7	999.9	99.9	999.9	52.8	106.
63.0	138.8	16480.9	100.0	-68.9	99.9	268.1	16.8	16.8	0.6	394.6	999.9	99.9	999.9	59.0	106.
69.6	147.3	18209.1	75.0	-68.2	99.9	319.0	6.7	4.4	-5.0	430.0	999.9	99.9	999.9	64.9	106.
79.1	157.0	20703.8	50.0	-59.5	99.9	329.6	4.7	2.4	-4.0	503.3	999.9	99.9	999.9	67.1	106.
94.3	167.5	25138.5	25.0	-51.3	99.9	342.3	7.6	2.3	-7.3	637.4	999.9	99.9	999.9	69.1	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

STATION NO. 211
TAMPA, FLA

24 APRIL 1975
2030 GMT

160 29. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	8.0	1019.0	31.4	13.2	150.0	1.0	-0.5	0.9	304.2	330.1	9.4	33.0	0.0	0.
0.7	5.7	175.3	1000.0	27.3	9.4	72.5	1.8	-1.7	-0.5	301.5	322.0	7.4	32.5	0.1	323.
1.9	7.9	398.6	975.0	26.0	8.6	133.6	4.4	-3.2	3.1	302.3	322.2	7.2	33.3	0.3	311.
2.9	10.1	526.4	950.0	23.8	8.2	117.3	4.7	-4.2	2.2	302.4	322.4	7.2	36.9	0.6	307.
3.9	12.3	858.6	925.0	21.5	8.3	127.7	5.3	-4.2	3.2	302.3	322.8	7.4	42.7	0.9	305.
5.0	14.6	1095.3	900.0	19.4	8.7	127.7	5.8	-4.6	3.5	302.6	324.2	7.9	49.9	1.3	307.
6.2	16.8	1336.7	875.0	16.7	8.0	113.4	5.7	-5.2	2.3	302.2	323.5	7.7	56.1	1.7	305.
7.3	19.3	1583.0	850.0	14.4	6.7	97.1	5.7	-5.6	0.7	302.2	322.3	7.3	59.7	2.0	302.
8.5	21.5	1834.7	825.0	12.4	5.2	83.8	5.4	-5.4	-0.6	302.6	321.3	6.7	61.3	2.4	296.
9.4	24.1	2092.1	800.0	10.2	3.8	102.9	4.9	-4.8	1.1	302.9	320.5	6.3	64.1	2.6	294.
10.6	26.4	2355.4	775.0	8.1	-1.4	107.7	5.0	-4.8	1.5	303.1	315.9	4.5	51.0	3.0	294.
11.6	29.1	2625.9	750.0	8.3	-22.2	93.1	3.9	-3.9	0.2	305.7	308.4	0.9	9.4	3.3	293.
12.6	31.8	2904.9	725.0	7.6	-23.4	44.5	2.4	-1.7	-1.7	307.9	310.5	0.8	8.8	3.4	291.
13.7	34.6	3194.1	700.0	8.2	-15.4	0.5	4.5	-0.0	-4.5	311.7	317.0	1.7	17.4	3.4	288.
15.0	37.1	3493.0	675.0	6.0	-11.3	355.4	6.4	0.5	-6.4	312.7	320.1	2.4	27.5	3.3	280.
16.2	40.0	3801.2	650.0	4.4	-13.1	345.6	5.6	1.4	-5.5	314.2	320.9	2.1	26.6	3.1	273.
17.3	42.6	4119.3	625.0	1.9	-8.5	343.7	7.6	2.1	-7.3	315.0	324.8	3.2	46.1	3.0	265.
18.5	45.6	4447.1	600.0	-0.7	-8.3	353.2	9.8	1.2	-9.8	315.7	326.1	3.4	56.2	3.0	253.
19.9	48.8	4786.4	575.0	-2.1	-12.8	349.6	10.1	1.8	-10.0	317.8	325.7	2.5	43.9	3.3	239.
21.2	51.6	5139.2	550.0	-3.3	-17.3	327.3	7.7	4.2	-6.5	320.4	326.2	1.8	32.7	3.5	226.
22.7	54.9	5505.6	525.0	-5.7	-16.8	310.2	8.2	6.2	-5.3	321.8	328.1	2.0	41.0	3.6	216.
24.2	58.0	5886.3	500.0	-8.7	-18.3	298.7	9.9	8.7	-4.7	322.6	328.5	1.8	45.4	3.6	204.
25.7	61.4	6281.9	475.0	-11.7	-22.6	267.6	10.1	9.0	-4.7	323.7	328.0	1.3	39.6	3.8	189.
27.1	65.0	6693.5	450.0	-15.1	-24.0	310.8	10.1	7.6	-6.6	324.4	328.5	1.2	46.3	4.2	179.
28.7	68.4	7123.0	425.0	-18.4	-27.2	315.4	10.7	7.5	-7.6	325.5	328.7	1.0	45.5	5.0	171.
30.6	72.1	7573.3	400.0	-20.9	-34.0	305.3	12.3	10.0	-7.1	327.8	329.7	0.5	29.5	6.0	163.
32.4	76.1	8047.0	375.0	-24.3	-37.3	299.8	13.7	11.9	-6.8	329.4	330.9	0.4	28.8	7.2	156.
34.2	80.1	8545.3	350.0	-29.0	-40.5	298.4	13.7	12.0	-6.5	329.6	330.8	0.3	31.5	8.4	150.
36.2	84.3	9071.3	325.0	-32.5	-46.8	286.6	16.8	16.1	-4.8	331.8	332.5	0.2	22.2	9.8	144.
38.3	88.6	9631.2	300.0	-36.7	-51.4	288.9	20.3	19.2	-6.6	333.5	333.9	0.1	20.0	11.9	136.
40.4	93.4	10226.5	275.0	-42.2	99.9	290.8	20.4	19.0	-7.2	334.2	999.9	99.9	999.9	14.2	132.
42.8	98.3	10864.0	250.0	-46.3	99.9	297.9	26.9	23.8	-12.6	337.3	999.9	99.9	999.9	17.5	129.
45.3	103.5	11554.2	225.0	-52.6	99.9	296.8	29.8	26.6	-13.4	337.9	999.9	99.9	999.9	21.8	126.
48.1	109.5	12303.0	200.0	-59.4	99.9	293.6	30.8	28.2	-12.3	338.8	999.9	99.9	999.9	26.6	124.
51.1	115.5	13127.6	175.0	-63.8	99.9	284.4	29.1	28.2	-7.2	344.6	999.9	99.9	999.9	31.7	121.
54.6	122.3	14087.8	150.0	-60.5	99.9	293.9	21.7	19.9	-8.8	365.9	999.9	99.9	999.9	37.2	120.
58.7	130.7	15210.6	125.0	-64.7	99.9	270.7	20.3	20.3	-0.3	377.8	999.9	99.9	999.9	41.8	118.
63.4	138.0	16558.0	100.0	-70.3	99.9	285.3	14.2	13.7	-3.8	391.9	999.9	99.9	999.9	46.9	116.
68.9	146.0	18247.1	75.0	-71.2	99.9	350.1	6.5	1.1	-6.4	423.6	999.9	99.9	999.9	50.8	117.
77.0	155.3	20703.7	50.0	-59.9	99.9	56.3	1.6	-1.3	-0.9	502.5	999.9	99.9	999.9	50.5	118.
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 SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 213
WAYCROSS, GA

24 APRIL 1975
2102 GMT

153 40. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	44.0	1013.7	29.2	15.0	230.0	4.1	3.1	2.6	302.6	331.5	10.6	42.0	0.0	0.
0.4	5.1	164.8	1000.0	26.8	14.8	186.9	5.3	0.6	5.2	301.5	330.3	10.7	47.7	0.2	14.
1.0	6.9	387.9	975.0	24.6	13.4	181.0	4.2	0.1	4.2	301.3	328.3	10.0	49.5	0.3	11.
1.7	9.1	615.1	950.0	22.4	12.5	198.6	4.2	1.3	4.0	301.3	327.4	9.6	53.3	0.5	9.
2.3	11.0	846.6	925.0	20.5	12.1	215.9	4.0	2.3	3.2	301.6	327.9	9.7	58.7	0.7	13.
2.9	13.2	1082.9	900.0	18.2	11.3	225.4	3.7	2.6	2.6	301.6	327.2	9.4	64.2	0.8	18.
3.7	15.3	1323.8	875.0	15.8	9.9	225.9	4.9	3.5	3.4	301.4	325.4	8.8	67.7	1.0	24.
4.7	17.5	1569.5	850.0	13.6	8.5	221.1	5.6	3.7	4.2	301.5	324.0	8.2	71.4	1.2	29.
5.7	19.3	1820.5	825.0	11.9	3.8	210.0	6.0	3.0	5.2	302.0	319.1	6.1	57.5	1.6	31.
6.6	21.9	2077.7	800.0	10.9	-5.5	217.4	6.3	3.8	5.0	303.2	312.5	3.2	31.1	1.9	30.
7.3	24.4	2342.1	775.0	10.8	-20.2	232.1	5.9	4.6	3.6	305.6	309.3	1.2	11.1	2.2	32.
8.3	26.6	2615.1	750.0	10.1	-1.6	253.9	4.9	4.7	1.4	308.1	321.5	4.6	44.5	2.5	36.
9.3	29.1	2896.5	725.0	8.8	-3.4	275.9	5.9	5.9	-0.6	309.7	321.8	4.1	42.1	2.7	41.
10.4	31.7	3186.4	700.0	7.7	-9.7	285.0	8.8	8.3	-2.9	311.4	319.3	2.6	27.8	3.0	49.
11.5	34.2	3485.2	675.0	5.9	-3.6	291.3	10.1	9.4	-3.7	312.9	325.8	4.4	50.4	3.3	59.
12.5	36.7	3793.0	650.0	3.3	-4.5	293.0	8.6	7.9	-3.4	313.2	325.8	4.2	56.8	3.7	60.
13.5	39.4	4109.9	625.0	0.7	-7.2	299.6	9.8	8.5	-4.8	313.7	324.4	3.6	55.6	4.0	71.
14.5	42.0	4436.3	600.0	-1.9	-9.0	303.5	11.9	9.9	-6.6	314.4	324.2	3.2	58.0	4.5	79.
15.6	44.9	4773.4	575.0	-4.7	-10.6	308.7	11.6	9.0	-7.2	314.8	323.9	3.0	63.0	5.0	85.
16.7	47.9	5122.3	550.0	-6.9	-10.3	306.9	9.3	7.5	-5.6	316.2	326.0	3.2	76.6	5.6	90.
17.9	50.8	5484.6	525.0	-8.4	-16.3	305.9	8.5	6.9	-5.0	318.5	325.0	2.0	53.0	6.1	93.
19.3	54.0	5861.7	500.0	-10.8	-21.4	316.7	10.2	7.0	-7.5	320.0	324.5	1.4	41.4	6.7	97.
20.8	57.0	6254.4	475.0	-13.7	-18.8	315.3	12.5	8.8	-6.9	321.2	327.1	1.8	64.9	7.5	103.
22.1	60.3	6663.5	450.0	-16.6	-24.8	303.9	14.4	12.0	-8.0	322.5	326.2	1.1	48.8	8.5	106.
23.6	63.9	7090.8	425.0	-19.3	-37.1	295.2	15.1	13.2	-7.4	324.2	325.6	0.4	19.3	9.8	108.
25.2	67.3	7538.6	400.0	-23.1	-30.5	294.3	16.7	15.2	-6.9	325.0	327.6	0.7	50.8	11.2	109.
26.7	70.8	8008.1	375.0	-26.3	-35.0	288.4	19.3	18.3	-6.1	326.7	328.6	0.5	43.9	12.9	109.
28.2	74.6	8503.1	350.0	-30.3	-39.4	291.2	17.9	16.7	-6.5	327.9	329.2	0.3	40.0	14.7	109.
30.1	78.8	9025.5	325.0	-34.8	-40.6	291.5	19.8	18.5	-7.3	328.6	329.9	0.3	55.2	16.7	110.
31.9	83.0	9578.6	300.0	-39.4	-47.2	288.1	18.1	17.2	-5.6	329.7	330.4	0.2	42.8	18.7	110.
33.9	87.4	10167.4	275.0	-44.8	99.9	285.4	14.1	13.6	-3.8	330.3	999.9	99.9	999.9	20.6	110.
35.9	92.2	10757.5	250.0	-50.3	99.9	283.1	16.2	15.7	-3.7	331.3	999.9	99.9	999.9	22.4	109.
38.1	97.3	11478.1	225.0	-54.9	99.9	284.9	18.1	17.5	-4.7	334.4	999.9	99.9	999.9	24.8	109.
40.5	102.6	12223.8	200.0	-59.3	99.9	280.9	21.5	21.1	-4.1	338.8	999.9	99.9	999.9	27.8	108.
43.4	108.8	13056.7	175.0	-60.4	99.9	277.5	26.4	26.2	-3.5	350.3	999.9	99.9	999.9	31.9	107.
46.5	115.0	14019.0	150.0	-59.6	99.9	275.9	27.5	27.1	-4.7	367.5	999.9	99.9	999.9	37.2	106.
50.5	122.7	15155.5	125.0	-61.8	99.9	281.5	23.6	23.1	-4.7	383.1	999.9	99.9	999.9	43.0	105.
54.8	130.8	16515.4	100.0	-67.7	99.9	291.8	13.4	12.5	-5.0	397.0	999.9	99.9	999.9	48.3	105.
60.4	140.5	18239.4	75.0	-67.7	99.9	308.1	7.1	5.6	-4.4	431.1	999.9	99.9	999.9	52.0	105.
67.7	151.0	20719.5	50.0	-60.1	99.9	10.8	1.2	-0.2	-1.2	501.9	999.9	99.9	999.9	53.3	107.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

204

STATION NO. 220
 APALACHICOLA, FLA

24 APRIL 1975
 2015 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	11.0	1020.7	24.2	19.7	180.0	4.2	0.0	4.2	297.6	335.0	14.3	76.0	0.0	0.
0.6	6.3	183.2	1000.0	20.3	99.9	999.9	99.9	99.9	99.9	294.7	999.9	99.9	999.9	999.9	999.
1.4	8.5	406.6	975.0	19.2	99.9	999.9	99.9	99.9	99.9	294.4	999.9	99.9	999.9	999.9	999.
2.2	10.8	629.0	950.0	19.1	99.9	999.9	99.9	99.9	99.9	296.6	999.9	99.9	999.9	999.9	999.
2.5	13.1	856.7	925.0	17.5	99.9	999.9	99.9	99.9	99.9	297.2	999.9	99.9	999.9	999.9	999.
3.7	15.4	1089.5	900.0	16.1	99.9	999.9	99.9	99.9	99.9	298.1	999.9	99.9	999.9	999.9	999.
4.3	17.7	1327.6	875.0	14.7	99.9	999.9	99.9	99.9	99.9	299.1	999.9	99.9	999.9	999.9	999.
5.3	20.2	1571.3	850.0	12.8	99.9	999.9	99.9	99.9	99.9	299.8	999.9	99.9	999.9	999.9	999.
6.1	22.5	1821.6	825.0	12.5	-1.8	999.9	99.9	99.9	99.9	302.3	314.1	4.1	37.7	999.9	999.
6.9	25.1	2079.9	800.0	12.4	1.7	231.3	1.9	1.5	1.2	305.1	320.5	5.4	47.8	1.8	11.
7.8	27.5	2345.6	775.0	10.8	0.2	262.1	2.8	2.8	0.4	306.0	320.5	5.0	48.1	1.9	14.
8.8	30.2	2618.5	750.0	9.7	-4.3	277.3	3.2	3.2	-0.4	307.5	319.5	3.7	37.0	1.9	20.
9.7	32.9	2899.4	725.0	9.3	-7.8	288.1	2.3	2.2	-0.7	310.0	318.8	2.9	29.1	2.0	24.
10.7	35.6	3189.4	700.0	7.7	-14.1	311.9	2.5	1.8	-1.6	311.3	317.0	1.9	19.8	2.0	28.
11.6	38.3	3488.2	675.0	5.9	-8.9	325.1	3.8	2.2	-3.1	312.6	321.4	2.9	33.5	1.9	32.
12.7	41.0	3795.7	650.0	3.4	-11.0	335.3	6.9	2.9	-6.3	313.2	321.0	2.5	33.9	1.8	42.
13.8	44.0	4112.8	625.0	0.9	-7.3	340.5	9.8	3.3	-4.3	314.0	324.6	3.5	53.9	1.6	60.
14.8	46.5	4439.9	600.0	-1.4	-9.7	344.5	11.8	3.2	-11.4	314.9	324.2	3.1	53.1	1.6	84.
15.8	50.0	4777.8	575.0	-3.7	-9.7	338.4	11.8	4.3	-11.0	316.1	325.8	3.2	62.8	1.9	107.
16.9	53.0	5127.8	550.0	-5.8	-11.4	330.0	11.5	5.8	-9.9	317.5	326.5	2.9	64.4	2.5	120.
18.1	56.0	5491.5	525.0	-7.8	-13.4	325.7	12.4	7.0	-10.2	319.4	327.5	2.6	64.0	3.3	127.
19.3	59.4	5869.4	500.0	-10.4	-16.3	319.5	11.8	7.6	-8.9	320.5	327.4	2.1	62.0	4.1	130.
20.5	62.9	6262.7	475.0	-13.0	-18.3	314.5	12.7	9.1	-8.9	322.1	328.2	1.9	64.2	5.0	131.
21.7	66.2	6672.6	450.0	-16.3	-21.3	312.2	12.0	8.9	-8.1	322.9	328.0	1.5	65.0	5.9	132.
23.1	70.0	7100.3	425.0	-19.3	-25.7	309.6	12.7	9.8	-8.1	324.3	328.0	1.1	56.7	6.9	132.
24.6	73.6	7548.2	400.0	-23.0	-29.5	308.1	13.2	10.4	-8.2	325.2	328.0	0.8	54.6	8.1	131.
26.1	77.5	8018.1	375.0	-26.5	-33.5	308.1	15.7	12.3	-9.7	326.6	328.7	0.6	51.2	9.4	130.
27.8	81.5	8513.2	350.0	-30.1	-39.6	307.0	16.9	13.5	-10.2	328.2	329.4	0.3	38.5	11.1	130.
29.6	85.7	9036.1	325.0	-34.7	-43.6	301.0	18.3	15.7	-9.4	328.8	329.7	0.2	39.5	12.9	130.
31.5	90.2	9589.7	300.0	-39.3	99.9	296.8	20.4	18.3	-9.2	329.9	999.9	99.9	999.9	14.9	126.
33.4	95.0	10180.6	275.0	-42.9	99.9	298.8	27.9	24.4	-13.4	333.1	999.9	99.9	999.9	17.7	126.
35.5	99.8	10817.0	250.0	-47.7	99.9	302.5	34.5	29.1	-18.6	335.2	999.9	99.9	999.9	21.8	125.
37.9	105.0	11503.9	225.0	-53.3	99.9	306.3	34.9	28.1	-20.6	336.2	999.9	99.9	999.9	26.6	125.
40.7	110.8	12251.7	200.0	-59.3	99.9	303.9	27.8	23.1	-15.5	338.9	999.9	99.9	999.9	32.4	125.
43.6	117.0	13092.3	175.0	-61.6	99.9	291.9	26.9	25.0	-10.0	348.3	999.9	99.9	999.9	36.6	124.
47.0	124.0	14042.7	150.0	-59.7	99.9	308.1	24.1	18.9	-14.8	367.3	999.9	99.9	999.9	42.6	123.
50.9	131.0	15169.3	125.0	-64.9	99.9	291.4	24.4	22.7	-8.9	377.5	999.9	99.9	999.9	47.3	123.
55.7	139.0	16515.0	100.0	-68.9	99.9	297.0	14.7	13.1	-6.7	394.6	999.9	99.9	999.9	53.1	122.
61.1	147.0	18223.8	75.0	-69.3	99.9	303.3	6.9	5.7	-3.8	427.5	999.9	99.9	999.9	57.0	122.
69.1	156.0	20700.3	50.0	-59.5	99.9	39.3	1.9	-1.2	-1.5	503.3	999.9	99.9	999.9	58.0	122.
80.9	165.0	25135.5	25.0	-50.5	99.9	38.6	6.4	-4.0	-5.0	639.6	999.9	99.9	999.9	59.5	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. 226
CENTERVILLE, ALA

24 APRIL 1975
2015 GMT

165 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T LG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	140.0	1001.8	26.7	19.3	210.0	8.2	4.1	7.1	301.6	339.6	14.3	64.0	0.0	0.
0.1	6.1	155.9	1000.0	25.7	17.4	999.9	99.9	99.9	99.9	300.6	334.3	12.6	60.1	999.9	999.
1.6	6.6	378.4	975.0	23.8	16.3	999.9	99.9	99.9	99.9	300.7	333.4	12.2	63.8	999.9	999.
2.8	11.0	605.2	950.0	21.5	14.4	208.3	7.6	3.6	6.7	300.5	329.8	10.9	63.8	1.7	24.
3.6	13.5	836.2	925.0	19.4	15.5	210.8	9.6	4.9	8.3	300.7	333.0	12.1	78.2	2.0	25.
4.2	15.2	1071.7	900.0	17.1	15.3	217.5	11.3	6.9	9.0	300.7	333.6	12.3	89.5	2.5	26.
5.1	18.4	1311.9	875.0	14.9	13.2	230.6	13.2	10.2	8.4	300.8	330.4	11.0	89.6	3.0	29.
6.0	20.8	1557.6	850.0	14.4	9.6	246.0	13.9	12.7	5.7	302.4	326.7	8.9	73.3	3.7	35.
6.9	23.4	1809.0	825.0	13.4	4.8	253.7	13.2	12.7	3.7	303.6	322.0	6.6	56.2	4.3	41.
7.9	25.9	2068.4	800.0	12.6	0.1	269.5	14.9	14.9	0.1	305.3	319.1	4.8	42.1	5.0	47.
8.9	28.7	2333.9	775.0	10.4	-1.8	277.5	16.9	16.8	-2.2	305.6	318.2	4.4	42.5	5.6	54.
10.0	31.6	2606.3	750.0	9.4	-5.3	280.5	17.6	17.3	-3.2	307.2	317.4	3.5	35.3	6.5	62.
11.1	34.4	2886.7	725.0	8.1	-11.0	273.9	15.2	15.1	-1.0	308.7	315.7	2.3	24.6	7.4	67.
12.2	37.1	3175.9	700.0	7.6	-22.9	261.5	15.9	15.7	2.3	311.0	313.8	0.9	9.3	8.4	69.
13.4	40.1	3474.4	675.0	6.2	-14.8	254.3	20.4	19.7	5.5	312.8	318.4	1.8	20.6	9.7	70.
14.4	42.9	3782.1	650.0	3.9	-11.7	252.3	21.4	20.4	6.5	313.7	321.1	2.4	30.9	11.0	70.
15.5	45.9	4095.6	625.0	1.7	-13.1	254.1	22.8	21.9	6.2	314.7	321.6	2.2	32.2	12.4	71.
16.7	49.1	4427.1	600.0	-1.1	-16.4	262.5	23.0	22.8	3.0	315.1	320.7	1.8	29.9	14.1	72.
17.9	52.0	4764.9	575.0	-3.6	-20.4	269.7	20.2	20.2	0.1	315.9	320.1	1.3	25.6	15.4	73.
19.1	55.3	5114.4	550.0	-6.9	-19.8	281.6	17.3	17.0	-3.5	316.1	320.7	1.4	34.8	16.8	75.
20.4	58.6	5475.4	525.0	-10.0	-16.7	282.4	19.1	18.7	-4.1	316.7	322.9	2.0	57.8	18.1	77.
21.7	62.0	5849.6	500.0	-12.9	-20.0	278.1	22.8	22.6	-3.2	317.4	322.4	1.6	55.4	19.4	79.
23.0	65.5	6236.6	475.0	-15.4	-42.1	273.9	21.7	21.6	-1.5	318.8	319.7	0.2	10.0	21.3	80.
24.5	69.0	6644.7	450.0	-17.8	-50.2	277.0	20.7	20.5	-2.5	320.8	321.2	0.1	4.0	23.0	81.
26.0	72.6	7070.2	425.0	-20.5	-51.5	275.4	20.4	20.3	-1.9	322.7	323.0	0.1	4.2	24.8	83.
27.6	76.5	7516.4	400.0	-23.8	-53.3	280.1	20.3	20.0	-3.5	324.0	324.3	0.1	4.6	26.7	83.
29.2	80.4	7984.5	375.0	-27.5	-55.5	277.0	24.7	24.5	-3.0	325.1	325.3	0.1	5.0	29.0	85.
30.9	84.5	8476.5	350.0	-31.7	-58.0	274.9	23.8	23.7	-2.0	325.9	326.1	0.0	5.4	31.3	85.
32.7	88.8	8995.3	325.0	-36.3	-60.8	280.9	26.5	26.1	-5.0	326.5	326.7	0.0	5.9	33.8	87.
34.4	93.2	9546.6	300.0	-40.0	99.9	286.8	28.7	27.5	-8.3	329.0	999.9	99.9	999.9	36.5	88.
36.4	98.0	10134.4	275.0	-44.9	99.9	306.7	21.3	17.0	-12.7	330.2	999.9	99.9	999.9	38.9	90.
38.4	102.8	10764.7	250.0	-49.9	99.9	300.4	17.8	15.4	-9.0	332.0	999.9	99.9	999.9	40.9	92.
40.7	108.3	11444.6	225.0	-55.6	99.9	292.1	17.6	16.3	-6.6	333.3	999.9	99.9	999.9	43.1	93.
43.3	113.8	12186.0	200.0	-60.3	99.9	279.6	20.6	20.4	-3.5	337.2	999.9	99.9	999.9	45.8	94.
46.1	120.0	13014.0	175.0	-59.9	99.9	269.6	23.8	23.8	0.1	351.0	999.9	99.9	999.9	50.3	94.
49.6	126.5	13976.1	150.0	-60.0	99.9	277.8	29.5	29.2	-4.0	366.7	999.9	99.9	999.9	56.8	94.
54.1	134.0	15111.0	125.0	-61.8	99.9	268.2	20.9	20.8	0.7	383.1	999.9	99.9	999.9	63.8	94.
59.1	141.5	16473.6	100.0	-67.5	99.9	265.7	20.5	20.4	1.5	397.3	999.9	99.9	999.9	70.6	94.
65.9	150.0	18200.6	75.0	-65.5	99.9	296.7	8.1	7.3	-3.7	435.6	999.9	99.9	999.9	77.2	93.
74.3	159.0	20696.7	50.0	-58.3	99.9	292.7	8.7	8.0	-3.3	506.1	999.9	99.9	999.9	79.2	94.
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 CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LA

24 APRIL 1975
2015 GMT

166 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	1.0	1018.4	25.4	22.9	120.0	5.1	-1.7	4.8	299.4	345.3	17.6	86.0	0.0	0.
0.5	6.4	161.6	1000.0	23.4	22.0	999.9	99.9	99.9	99.9	298.9	343.0	16.9	91.4	999.9	999.
1.2	8.8	383.1	975.0	21.7	21.1	999.9	99.9	99.9	99.9	299.2	342.3	16.4	96.2	999.9	999.
1.9	11.1	609.0	950.0	20.4	20.1	173.1	10.7	-1.3	10.6	300.0	341.6	15.8	97.8	1.0	336.
2.5	13.5	839.7	925.0	18.4	17.5	183.5	11.2	0.7	11.2	299.9	336.3	13.8	94.6	1.4	343.
3.3	15.8	1074.8	900.0	16.9	13.3	186.6	9.0	1.0	8.9	300.3	329.2	10.7	79.4	1.8	349.
4.2	18.4	1314.6	875.0	15.8	8.5	191.8	7.1	1.5	6.9	301.3	323.2	8.0	61.8	2.3	352.
5.0	20.8	1561.3	850.0	16.0	4.6	195.3	5.4	1.4	5.2	303.7	321.4	6.3	46.9	2.5	355.
5.9	23.4	1815.0	825.0	15.7	3.1	188.0	6.7	0.9	6.7	306.0	322.6	5.8	42.7	2.8	357.
6.9	25.9	2075.4	800.0	13.9	1.5	188.6	6.4	1.0	6.3	306.7	322.0	5.3	42.6	3.2	358.
7.8	28.6	2342.4	775.0	12.0	0.3	194.8	5.7	1.5	5.5	307.4	322.1	5.1	44.5	3.5	359.
8.7	31.4	2616.5	750.0	10.9	-5.8	192.2	5.7	1.2	5.6	308.8	318.7	3.3	30.8	3.8	1.
9.7	34.2	2898.2	725.0	9.6	-18.8	184.7	5.9	0.5	5.9	310.1	313.9	1.2	11.6	4.2	1.
10.7	36.9	3188.9	700.0	9.1	-17.8	175.3	3.4	-0.3	3.4	312.7	317.0	1.4	13.1	4.5	1.
11.7	39.9	3489.2	675.0	7.8	-19.2	173.1	1.5	-0.2	1.5	314.5	318.5	1.2	12.7	4.6	1.
12.8	42.6	3799.0	650.0	5.6	-19.1	41.6	0.3	-0.2	-0.2	315.4	319.6	1.3	14.8	4.6	1.
14.0	45.8	4117.8	625.0	2.8	-16.3	332.9	0.2	0.1	-0.1	315.9	321.3	1.7	22.9	4.6	1.
15.1	48.9	4446.5	600.0	-0.0	-13.1	288.4	0.2	0.2	-0.1	316.4	323.7	2.3	36.7	4.6	1.
16.3	51.9	4785.8	575.0	-2.8	-11.0	256.5	2.5	2.5	0.6	317.1	325.9	2.9	52.9	4.6	2.
17.5	55.1	5137.1	550.0	-5.0	-13.8	263.7	5.2	5.2	0.6	318.4	325.9	2.4	49.8	4.7	5.
18.6	58.3	5501.1	525.0	-7.6	-14.0	261.0	7.2	7.1	1.1	319.6	327.4	2.3	59.7	4.8	10.
20.0	61.9	5879.1	500.0	-10.0	-21.2	264.4	10.6	10.6	1.0	320.9	325.6	1.4	39.6	5.1	18.
21.4	65.4	6273.6	475.0	-12.2	-27.6	267.5	12.8	12.8	0.6	323.0	325.8	0.8	26.1	5.5	28.
22.9	69.0	6684.5	450.0	-15.2	-32.3	265.6	12.6	12.6	1.0	324.1	326.1	0.6	21.4	6.2	37.
24.4	72.5	7114.1	425.0	-18.3	-35.4	269.9	15.8	15.8	0.0	325.5	327.0	0.4	20.7	7.1	45.
26.0	76.5	7563.8	400.0	-21.2	-35.2	273.1	20.2	20.2	-1.1	327.4	329.1	0.5	26.9	8.3	54.
27.5	80.5	8036.7	375.0	-25.2	-40.4	274.4	19.9	19.8	-1.5	328.2	329.2	0.3	22.6	9.9	61.
29.1	84.6	8533.1	350.0	-29.4	-46.2	273.7	18.2	18.1	-1.2	329.1	329.7	0.2	17.6	11.4	66.
30.9	88.7	9058.0	325.0	-33.4	-46.1	281.1	19.8	19.4	-3.8	330.6	331.3	0.2	26.5	13.1	76.
32.8	93.4	9615.3	300.0	-37.2	-42.4	287.1	27.1	25.9	-8.0	332.8	334.0	0.3	58.4	15.3	78.
34.9	98.2	10211.1	275.0	-41.8	99.9	284.3	30.6	29.7	-7.5	334.7	999.9	99.9	999.9	18.6	82.
37.0	103.2	10849.3	250.0	-47.3	99.9	286.5	32.1	30.7	-9.1	335.8	999.9	99.9	999.9	22.3	86.
39.4	108.8	11537.7	225.0	-52.9	99.9	288.8	31.8	30.1	-10.3	337.4	999.9	99.9	999.9	26.7	89.
41.9	114.5	12288.3	200.0	-58.2	99.9	290.6	35.2	32.9	-12.4	340.6	999.9	99.9	999.9	31.6	92.
44.8	121.0	13118.3	175.0	-62.8	99.9	293.6	32.6	30.1	-13.1	346.2	999.9	99.9	999.9	36.8	96.
48.0	127.8	14088.8	150.0	-62.8	99.9	272.7	32.0	31.9	-1.5	361.9	999.9	99.9	999.9	43.0	96.
51.9	135.3	15192.7	125.0	-65.0	99.9	271.3	21.1	21.1	-0.5	377.3	999.9	99.9	999.9	49.0	97.
56.6	142.5	16538.5	100.0	-69.0	99.9	278.0	17.5	17.3	-2.4	394.5	999.9	99.9	999.9	54.9	96.
62.3	150.7	18244.5	75.0	-70.3	99.9	284.5	12.3	11.9	-3.1	425.8	999.9	99.9	999.9	59.0	95.
69.9	159.3	20721.3	50.0	-58.8	99.9	306.2	5.3	4.2	-3.1	505.0	999.9	99.9	999.9	60.6	96.
81.3	168.0	25145.7	25.0	-50.6	99.9	999.9	99.9	99.9	99.9	639.1	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 INTERPCLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

24 APRIL 1975
2015 GMT

163 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SFC	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	1005.2	29.8	19.5	220.0	4.6	3.0	3.5	304.5	343.2	14.4	54.0	0.0	0.
0.1	5.0	146.3	1000.0	28.6	18.3	207.4	12.0	5.5	10.6	303.6	339.7	13.4	53.8	0.3	29.
0.8	6.8	371.1	975.0	26.7	16.8	208.8	10.8	5.2	9.4	303.8	337.6	12.5	54.7	0.5	29.
1.6	9.1	600.1	950.0	24.6	15.7	212.5	10.1	5.4	8.5	303.8	336.2	12.0	57.8	1.0	30.
2.4	11.0	833.6	925.0	22.9	14.2	206.1	10.9	4.8	9.8	304.2	334.4	11.1	58.1	1.5	30.
3.2	13.3	1072.1	900.0	20.5	13.5	207.0	10.1	4.6	9.0	304.2	333.8	10.9	63.9	2.0	29.
4.0	15.4	1315.2	875.0	18.7	12.2	213.1	11.3	6.2	9.5	304.6	332.9	10.3	65.8	2.5	29.
4.7	17.6	1563.6	850.0	16.2	11.2	217.0	11.0	6.6	8.8	304.5	331.6	9.9	71.9	3.0	30.
5.6	20.0	1817.2	825.0	14.6	8.2	231.4	13.4	10.5	8.4	305.1	328.2	8.3	65.4	3.6	32.
6.2	22.1	2077.8	800.0	13.6	5.8	240.4	14.4	12.6	7.1	306.6	327.0	7.3	59.2	4.1	35.
7.0	24.5	2345.6	775.0	13.2	3.7	243.4	14.7	13.2	6.6	308.8	327.4	6.5	52.8	4.7	39.
7.8	26.8	2620.1	750.0	10.3	1.8	248.1	15.2	14.1	5.7	308.6	325.3	5.8	55.5	5.4	42.
8.8	29.4	2902.3	725.0	9.8	-3.8	255.3	13.8	13.4	3.5	310.7	322.6	4.0	38.3	6.2	47.
9.7	31.9	3193.1	700.0	8.6	-9.2	250.6	12.0	11.3	4.0	312.4	320.7	2.7	27.2	6.7	50.
10.6	34.6	3494.2	675.0	8.7	-10.2	243.3	12.1	10.8	5.4	315.7	323.8	2.6	25.0	7.4	51.
11.6	37.1	3804.8	650.0	6.2	-11.3	245.0	12.4	11.2	5.2	316.3	324.1	2.5	27.2	8.1	52.
12.7	39.9	4124.5	625.0	3.2	-12.3	251.0	13.1	12.4	4.3	316.3	323.8	2.4	31.0	8.9	53.
13.6	42.4	4454.5	600.0	1.1	-10.4	256.7	14.2	13.9	3.3	317.8	326.8	2.9	41.9	9.6	55.
14.7	45.3	4795.4	575.0	-2.1	-12.9	263.5	14.8	14.7	1.7	317.8	325.5	2.5	43.4	10.5	57.
15.7	48.3	5147.1	550.0	-4.7	-14.0	266.1	14.5	14.5	1.0	318.7	326.2	2.4	48.2	11.3	59.
16.8	51.1	5510.6	525.0	-7.8	-11.4	263.4	16.4	16.3	1.9	319.4	328.9	3.1	75.3	12.2	61.
19.1	54.3	5886.5	500.0	-10.0	-15.3	263.4	19.5	19.4	2.2	321.1	328.5	2.3	65.0	13.5	64.
19.3	57.3	6281.8	475.0	-13.1	-25.3	258.9	20.6	20.3	4.0	321.8	325.2	1.0	35.2	14.9	65.
20.5	60.6	6690.7	450.0	-16.9	-33.8	264.0	19.8	19.7	2.1	322.0	323.7	0.5	21.3	16.3	67.
21.8	64.1	7117.8	425.0	-19.2	-37.8	269.6	20.5	20.5	0.2	324.3	325.5	0.3	17.5	17.8	68.
23.2	67.5	7566.9	400.0	-21.9	-39.9	267.1	20.0	20.0	1.0	326.5	327.5	0.3	17.7	19.3	70.
24.7	71.0	8037.9	375.0	-25.8	-43.0	268.5	21.1	21.0	0.5	327.3	328.2	0.2	18.0	21.2	72.
26.4	74.9	8533.9	350.0	-29.2	-45.7	267.7	24.7	24.6	1.0	329.4	330.0	0.2	18.2	23.3	73.
28.2	79.0	9058.4	325.0	-32.6	-48.5	272.7	26.9	26.9	-1.3	331.7	332.3	0.1	18.5	26.0	75.
30.0	83.0	9615.0	300.0	-38.0	-53.0	278.2	26.3	26.0	-3.7	331.7	332.0	0.1	18.9	28.7	77.
31.9	87.3	10212.0	275.0	-42.1	99.9	287.3	28.0	26.7	-8.3	334.3	999.9	99.9	99.9	31.7	79.
33.8	92.2	10849.9	250.0	-47.2	99.9	289.4	34.5	32.5	-11.4	335.9	999.9	99.9	99.9	34.6	82.
35.9	97.0	11539.3	225.0	-52.8	99.9	290.3	39.7	37.2	-13.8	337.6	999.9	99.9	99.9	38.8	86.
38.4	102.4	12255.3	200.0	-57.4	99.9	294.3	33.0	30.0	-13.6	341.9	999.9	99.9	99.9	44.0	89.
41.3	108.0	13130.3	175.0	-62.3	99.9	290.3	34.2	32.1	-11.9	347.1	999.9	99.9	99.9	49.4	92.
44.4	115.0	14083.9	150.0	-61.9	99.9	269.0	39.5	39.5	0.7	363.5	999.9	99.9	99.9	54.4	93.
48.2	122.3	15218.9	125.0	-61.1	99.9	280.2	24.4	24.0	4.2	384.3	999.9	99.9	99.9	62.0	92.
52.9	131.0	16587.2	100.0	-65.1	99.9	256.7	25.5	24.8	5.9	402.0	999.9	99.9	99.9	68.5	90.
58.0	140.3	18347.2	75.0	-66.0	99.9	291.7	10.7	9.9	-4.0	434.6	999.9	99.9	99.9	73.6	90.
65.4	150.7	20870.2	50.0	-59.0	99.9	319.9	4.8	3.1	-3.7	504.5	999.9	99.9	99.9	75.9	90.
77.1	162.0	25364.1	25.0	-45.8	99.9	339.7	3.8	1.3	-3.5	653.0	999.9	99.9	99.9	77.6	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. 240
LAKE CHARLES, LA

24 APRIL 1975
2015 GMT

165 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.4	5.0	1015.7	26.7	21.2	160.0	9.3	-3.2	8.7	300.7	342.6	15.9	72.0	0.0	0.
0.6	4.7	142.9	1000.0	25.4	20.5	169.6	9.0	-1.6	8.9	300.7	341.5	15.4	74.3	0.4	1.
1.3	6.5	365.6	975.0	23.2	18.8	176.2	11.2	-0.7	11.2	300.5	338.2	14.2	76.4	0.9	357.
2.1	8.5	592.1	950.0	20.9	17.9	181.5	11.2	0.3	11.2	300.2	336.8	13.8	83.4	1.4	357.
2.9	10.5	822.9	925.0	19.6	14.4	194.9	12.6	3.2	12.2	300.8	331.1	11.3	72.3	1.9	1.
3.5	12.5	1059.1	900.0	19.3	12.1	200.3	13.3	4.6	12.5	302.8	329.8	9.9	62.8	2.4	4.
4.2	14.7	1301.2	875.0	17.8	9.9	199.8	13.1	4.4	12.3	303.4	327.6	8.8	59.9	2.9	7.
5.1	16.6	1549.0	850.0	16.4	8.5	205.4	11.1	4.8	10.0	304.5	327.3	8.3	59.4	3.5	10.
6.0	18.3	1802.4	825.0	14.0	6.6	200.4	10.2	3.5	9.5	304.4	325.1	7.4	60.7	4.1	12.
6.8	21.3	2061.6	800.0	13.1	5.1	201.9	10.4	3.9	9.6	306.1	325.6	6.9	56.2	4.6	13.
7.8	23.3	2328.4	775.0	12.1	-1.1	203.2	11.8	4.6	10.8	307.5	320.7	4.6	40.0	5.2	14.
8.9	25.5	2602.9	750.0	11.5	-7.5	199.5	12.9	4.3	12.1	309.5	318.3	2.9	25.9	6.0	15.
19.0	27.9	2885.7	725.0	11.4	-9.5	202.5	12.4	4.8	11.5	312.3	320.2	2.6	22.0	6.9	16.
11.1	30.4	3178.4	700.0	10.3	-10.4	204.7	12.5	5.2	11.3	314.2	321.9	2.5	22.1	7.7	17.
12.2	33.0	3479.5	675.0	7.9	-10.1	200.0	13.5	4.6	12.7	314.9	323.0	2.6	26.6	8.6	17.
13.3	35.5	3789.6	650.0	5.7	-12.0	200.6	12.3	4.3	11.5	315.7	323.0	2.3	26.7	9.4	17.
14.5	38.0	4108.8	625.0	3.3	-14.0	215.6	9.8	5.7	8.0	316.4	323.0	2.1	26.7	10.2	18.
15.6	40.6	4438.7	600.0	1.2	-15.8	222.6	7.4	5.0	5.4	317.7	323.6	1.9	26.8	10.7	19.
16.7	43.4	4775.1	575.0	-1.6	-18.2	223.8	6.9	4.7	5.0	318.2	323.4	1.6	26.9	11.2	20.
18.0	46.3	5131.3	550.0	-4.5	-12.3	222.1	9.0	6.0	6.6	319.0	327.5	2.7	54.5	11.7	21.
19.2	49.4	5465.7	525.0	-7.8	-15.2	223.3	9.7	6.7	7.1	319.3	326.4	2.2	55.0	12.4	22.
20.6	52.3	5873.1	500.0	-11.1	-16.7	229.1	9.7	7.3	6.3	319.7	326.3	2.1	63.1	13.1	24.
21.9	55.3	6264.8	475.0	-14.4	-18.1	244.2	10.3	9.3	4.5	320.3	326.5	1.9	73.8	13.7	26.
23.3	58.6	6672.9	450.0	-16.6	-27.8	251.8	14.9	14.2	4.6	322.5	325.4	0.9	37.2	14.5	28.
24.7	62.0	7100.1	425.0	-19.5	-29.9	259.3	18.7	18.4	3.5	324.0	326.6	0.7	38.9	15.5	32.
26.1	65.6	7547.3	400.0	-23.5	-32.1	261.5	21.6	21.4	3.2	324.5	326.7	0.6	44.6	16.6	37.
27.7	69.2	8015.7	375.0	-27.2	-38.8	262.7	21.4	21.3	2.7	325.5	326.8	0.4	32.3	18.2	41.
29.3	72.8	8509.6	350.0	-30.3	-55.2	268.4	20.3	20.3	0.6	327.9	328.1	0.1	6.7	19.8	46.
31.3	77.0	9032.6	325.0	-33.9	-43.5	278.1	25.8	25.6	-3.7	329.9	330.8	0.2	36.8	21.6	50.
33.1	81.0	9589.9	300.0	-36.9	-45.5	285.1	32.7	31.6	-8.5	333.3	334.2	0.2	40.0	23.7	57.
35.2	85.5	10186.7	275.0	-41.6	99.9	281.9	35.0	34.3	-7.3	335.0	999.9	99.9	999.9	26.7	63.
37.5	90.4	10825.6	250.0	-46.8	99.9	276.8	38.3	38.0	-4.5	336.6	999.9	99.9	999.9	30.8	69.
39.8	95.5	11515.6	225.0	-52.4	99.9	273.9	37.1	37.0	-2.6	338.2	999.9	99.9	999.9	35.5	73.
42.4	101.0	12265.6	200.0	-58.8	99.9	276.5	36.8	36.6	-4.2	339.7	999.9	99.9	999.9	40.8	76.
45.2	107.3	13094.0	175.0	-64.4	99.9	286.0	43.9	42.2	-12.1	343.7	999.9	99.9	999.9	47.5	79.
48.5	114.3	14038.7	150.0	-62.2	99.9	265.6	34.1	34.0	2.6	362.9	999.9	99.9	999.9	54.5	82.
52.7	122.0	15170.7	125.0	-62.0	99.9	254.8	18.0	17.4	4.7	382.8	999.9	99.9	999.9	60.8	82.
57.3	130.8	16526.8	100.0	-69.0	99.9	262.7	14.4	14.3	1.8	394.4	999.9	99.9	999.9	66.3	82.
63.6	140.5	18241.3	75.0	-69.3	99.9	268.4	19.1	19.1	0.5	427.7	999.9	99.9	999.9	72.3	82.
72.0	151.0	20713.8	50.0	-58.8	99.9	264.7	7.1	7.0	0.6	505.0	999.9	99.9	999.9	75.4	83.
84.6	162.5	25148.7	25.0	-53.1	99.9	3.6	5.3	-0.3	-5.3	632.2	999.9	99.9	999.9	74.6	85.

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

STATION NO. 248
SHREVEPORT, LA

24 APRIL 1975
2103 GMT

160 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	PH PCT	RANGE KM	AZ DG
0.0	4.6	79.0	1003.7	30.0	24.5	190.0	6.7	1.2	6.6	305.5	358.1	19.6	72.3	0.0	0.
0.1	4.9	112.1	1000.0	29.9	19.7	205.7	10.3	4.5	9.3	305.1	345.1	14.8	55.0	0.3	4.
0.7	6.6	337.8	975.0	27.3	17.2	202.7	11.7	4.5	10.8	304.4	339.1	12.8	54.0	0.5	12.
1.6	8.7	567.2	950.0	25.0	15.9	188.3	12.6	1.8	12.4	304.2	337.0	12.1	56.9	1.1	13.
2.4	10.6	801.1	925.0	22.8	15.2	185.8	11.2	1.1	11.2	304.3	336.5	11.9	62.2	1.7	11.
3.1	12.6	1039.3	900.0	20.6	14.4	184.5	10.2	0.8	10.1	304.3	335.9	11.6	67.5	2.1	10.
3.9	14.8	1282.3	875.0	18.1	13.9	186.5	12.3	1.4	12.2	304.1	335.4	11.5	76.4	2.7	8.
4.7	16.7	1530.4	850.0	16.0	12.6	197.8	13.6	4.1	12.9	304.4	334.1	10.9	80.3	3.3	9.
5.7	18.9	1783.8	825.0	13.9	11.6	206.9	14.5	6.6	13.3	304.6	333.3	10.5	86.1	4.1	12.
6.7	21.0	2043.1	800.0	12.2	10.5	210.4	16.2	8.2	14.0	305.5	333.3	10.1	89.3	5.0	15.
7.8	23.4	2309.3	775.0	10.3	8.0	220.7	16.0	10.5	12.2	306.1	330.5	8.8	85.4	6.0	19.
9.0	25.6	2583.1	750.0	11.7	-4.1	233.6	14.9	12.0	8.8	309.8	321.8	4.1	36.4	7.1	23.
10.2	28.0	2865.8	725.0	10.7	-11.1	231.5	11.9	9.3	7.4	311.5	318.5	2.3	20.3	7.9	27.
11.3	30.5	3157.4	700.0	9.7	-13.9	214.0	12.0	6.8	9.9	313.5	319.3	1.9	17.4	8.6	28.
12.3	33.0	3459.1	675.0	10.0	-10.9	216.3	13.0	7.7	10.5	317.1	324.9	2.5	21.7	9.4	29.
13.5	35.3	3771.8	650.0	7.8	-10.9	221.7	12.8	8.5	9.6	318.1	326.1	2.6	25.2	10.3	30.
14.9	38.2	4093.0	625.0	4.7	-14.6	226.5	12.9	9.4	8.9	318.0	324.3	2.0	23.2	11.4	31.
16.3	40.8	4424.1	600.0	2.2	-17.5	241.0	12.4	10.8	6.0	318.8	324.0	1.6	21.6	12.4	33.
17.5	43.7	4765.6	575.0	-1.2	-18.4	250.5	11.9	11.2	4.0	318.8	323.8	1.6	25.6	13.1	35.
18.9	46.7	5117.8	550.0	-4.6	-20.1	251.7	12.4	11.7	3.9	318.8	323.4	1.4	28.5	13.9	38.
20.2	49.7	5481.5	525.0	-8.0	-23.5	250.6	11.4	10.8	3.8	318.8	322.4	1.1	27.5	14.7	39.
21.7	52.6	5858.1	500.0	-11.7	-25.5	251.5	13.0	12.3	4.1	318.8	322.0	1.0	30.7	15.6	42.
23.2	55.3	6248.2	475.0	-15.3	-30.1	255.1	15.1	14.6	3.9	319.1	321.3	0.7	26.7	16.7	44.
24.8	59.1	6654.5	450.0	-17.5	-34.9	257.2	18.2	17.7	4.0	321.2	322.8	0.4	20.2	18.0	46.
26.4	62.7	7081.0	425.0	-20.3	-37.4	256.0	21.3	20.6	5.2	322.9	324.2	0.4	20.0	19.7	49.
28.0	66.3	7527.2	400.0	-23.4	-40.3	258.1	21.4	20.9	4.4	324.5	325.6	0.3	19.4	21.5	52.
29.9	70.1	7997.1	375.0	-26.1	-42.9	262.5	23.7	23.5	3.1	327.0	327.8	0.2	18.7	23.8	55.
31.7	74.0	8491.9	350.0	-30.3	-46.3	263.7	23.9	23.8	2.6	327.8	328.4	0.2	19.0	26.1	57.
33.7	78.2	9013.8	325.0	-34.7	-49.9	261.9	24.6	24.4	3.5	328.7	329.2	0.1	19.4	28.7	60.
35.5	82.6	9567.3	300.0	-39.6	-54.0	264.7	24.9	24.8	2.3	329.5	329.8	0.1	19.7	31.4	62.
37.7	87.2	10158.2	275.0	-42.7	99.9	268.0	31.4	31.4	1.1	333.3	999.9	99.9	999.9	34.6	64.
39.9	92.3	10755.3	250.0	-47.8	99.9	268.2	37.6	37.5	1.2	335.0	999.9	99.9	999.9	39.2	67.
42.4	97.5	11481.7	225.0	-53.4	99.9	271.1	40.5	40.5	-0.8	336.7	999.9	99.9	999.9	44.6	70.
45.4	103.5	12229.1	200.0	-59.6	99.9	274.8	40.1	39.9	-3.3	338.3	999.9	99.9	999.9	51.8	73.
48.4	110.0	13052.5	175.0	-65.5	99.9	279.1	44.7	44.1	-7.1	341.9	999.9	99.9	999.9	58.6	76.
51.8	116.8	13997.7	150.0	-61.6	99.9	264.9	23.4	23.3	2.1	364.1	999.9	99.9	999.9	66.0	78.
56.0	125.0	15127.7	125.0	-62.2	99.9	270.4	29.2	29.2	-0.2	382.3	999.9	99.9	999.9	74.3	79.
60.9	133.5	16492.9	100.0	-66.7	99.9	262.9	21.5	21.4	2.7	398.9	999.9	99.9	999.9	80.8	80.
66.7	142.0	18210.8	75.0	-70.8	99.9	256.4	15.6	15.1	3.7	424.5	999.9	99.9	999.9	85.2	80.
75.7	151.3	20722.4	50.0	-58.5	99.9	335.5	6.9	2.9	-6.3	505.8	999.9	99.9	999.9	89.7	81.
89.3	160.3	25168.2	25.0	-49.8	99.9	354.4	5.7	0.6	-5.7	642.0	999.9	99.9	999.9	90.0	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. 255
VICTORIA, TEX

24 APRIL 1975
2015 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	33.0	1008.4	30.0	21.4	170.0	12.4	-2.2	12.2	304.6	348.0	16.1	60.0	0.0	0.
0.2	4.3	107.7	1000.0	27.8	20.4	999.9	99.9	99.9	99.9	303.0	343.9	15.3	64.4	999.9	999.
0.9	6.5	331.9	975.0	25.3	19.5	999.9	99.9	99.9	99.9	302.6	342.2	14.8	70.1	999.9	999.
1.7	8.5	560.1	950.0	23.2	19.6	999.9	99.9	99.9	99.9	302.8	343.6	15.3	80.3	999.9	999.
2.3	10.6	792.8	925.0	20.7	18.5	182.3	15.0	0.6	14.9	302.5	341.8	14.7	87.4	1.6	352.
2.9	12.6	1029.8	900.0	19.3	13.6	185.0	15.6	1.4	15.5	303.0	333.2	11.2	70.8	2.1	355.
3.7	14.8	1272.3	875.0	18.8	8.1	182.2	16.5	0.6	16.5	304.4	326.0	7.8	49.6	2.9	358.
4.6	16.8	1520.5	850.0	17.1	2.9	182.5	14.3	0.6	14.3	304.9	320.7	5.6	38.6	3.8	358.
5.5	19.1	1775.5	825.0	18.6	-6.6	188.5	16.1	2.4	15.9	308.7	317.2	2.8	17.3	4.5	360.
6.3	21.2	2038.7	800.0	18.0	-6.7	187.7	16.3	2.2	16.2	310.7	319.5	2.9	17.9	5.3	1.
7.2	23.6	2309.6	775.0	16.8	-6.7	189.1	15.1	2.4	14.9	312.3	321.4	3.0	19.2	6.2	2.
8.1	25.8	2587.9	750.0	15.5	-9.9	189.4	14.6	2.4	14.4	313.8	321.2	2.4	16.4	6.9	3.
9.1	28.2	2874.0	725.0	14.0	-11.2	186.0	13.5	1.4	13.4	315.1	322.1	2.2	16.2	7.8	4.
10.0	30.7	3169.0	700.0	12.8	-12.1	187.8	10.5	1.4	10.4	316.9	323.7	2.1	16.3	8.4	3.
10.9	33.2	3472.9	675.0	10.9	-12.9	196.6	7.9	2.5	7.4	318.1	324.8	2.1	17.4	8.9	4.
11.9	35.7	3786.7	650.0	8.9	-5.9	219.3	6.8	4.3	5.3	319.5	331.3	3.8	34.4	9.3	5.
13.0	38.2	4109.6	625.0	5.9	-6.1	237.3	7.2	6.0	3.9	319.7	331.7	3.9	41.5	9.7	7.
14.1	40.8	4442.1	600.0	2.7	-7.6	233.2	7.7	6.2	4.6	319.7	330.8	3.6	46.2	9.9	9.
15.2	43.6	4784.7	575.0	-0.7	-9.2	232.1	7.6	6.0	4.6	319.6	329.9	3.3	52.7	10.4	11.
16.4	46.5	5137.9	550.0	-4.0	-13.9	235.7	7.4	6.1	4.2	319.6	327.3	2.4	46.3	10.7	13.
17.6	49.5	5503.1	525.0	-6.8	-20.9	247.9	8.6	8.0	3.2	320.4	324.9	1.4	31.5	11.1	15.
18.9	52.3	5882.0	500.0	-9.6	-22.7	260.0	11.0	10.8	1.9	321.4	325.5	1.2	33.5	11.5	18.
20.3	55.4	6276.6	475.0	-12.0	-29.9	269.0	14.7	14.7	0.2	323.1	325.5	0.7	20.9	12.0	23.
21.8	58.5	6688.0	450.0	-15.0	-29.5	265.0	17.9	17.9	1.6	324.5	327.0	0.7	27.7	12.6	29.
23.2	61.9	7117.2	425.0	-18.5	-30.3	256.4	18.3	17.8	4.3	325.2	327.7	0.7	34.4	13.7	34.
24.8	65.4	7566.7	400.0	-21.7	-42.6	259.2	20.6	20.3	3.9	326.7	327.6	0.2	13.5	15.1	39.
26.3	68.9	8039.4	375.0	-24.7	-36.4	258.1	23.8	23.3	4.9	328.9	330.5	0.4	32.7	16.8	43.
27.9	72.4	8538.5	350.0	-27.8	-33.1	271.5	26.0	26.0	-0.7	331.2	333.6	0.7	60.4	18.5	48.
29.6	76.5	9066.6	325.0	-32.1	-36.3	275.9	27.5	27.3	-2.8	332.4	334.3	0.5	66.0	20.6	54.
31.3	80.6	9626.7	300.0	-36.4	-43.6	270.6	28.0	28.0	-0.3	334.0	335.0	0.3	47.3	22.6	58.
33.2	85.0	10223.7	275.0	-41.0	99.9	268.8	28.0	27.9	0.6	335.9	999.9	99.9	999.9	25.6	62.
35.3	89.4	10865.5	250.0	-45.6	99.9	269.4	32.8	32.8	0.4	336.4	999.9	99.9	999.9	29.1	65.
37.5	94.6	11558.7	225.0	-51.6	99.9	272.2	35.4	35.4	-1.4	339.4	999.9	99.9	999.9	33.3	69.
39.9	99.8	12310.9	200.0	-58.4	99.9	272.9	32.5	32.5	-1.7	340.3	999.9	99.9	999.9	37.7	72.
42.5	105.5	13137.8	175.0	-65.1	99.9	275.8	36.2	36.0	-3.7	342.6	999.9	99.9	999.9	43.1	74.
45.7	112.0	14068.2	150.0	-66.7	99.9	281.0	26.4	25.9	-5.0	355.2	999.9	99.9	999.9	49.7	78.
49.3	119.3	15177.0	125.0	-66.2	99.9	268.3	25.4	25.4	0.7	375.1	999.9	99.9	999.9	55.5	79.
53.8	128.0	16519.5	100.0	-70.0	99.9	259.0	20.8	20.4	4.0	392.5	999.9	99.9	999.9	61.5	79.
59.0	137.3	19239.6	75.0	-68.5	99.9	245.5	9.5	8.6	3.9	429.3	999.9	99.9	999.9	65.2	79.
66.6	147.5	20716.0	50.0	-61.7	99.9	22.4	3.6	-1.4	-3.4	498.2	999.9	99.9	999.9	67.4	80.
78.3	158.5	25151.8	25.0	-51.3	99.9	48.7	6.1	-4.6	-4.0	637.3	999.9	99.9	999.9	65.5	81.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
2015 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CMP M/SEC	V CMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	399.0	963.4	30.1	18.5	190.0	7.5	1.3	7.4	308.5	347.2	14.1	50.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	10.5	523.9	950.0	27.5	15.6	181.0	9.7	0.2	9.7	306.7	339.3	11.9	48.3	0.4	1.
1.5	12.9	758.9	925.0	24.4	13.8	188.0	11.7	1.6	11.6	305.8	335.4	10.8	51.4	0.9	1.
2.2	15.2	998.5	900.0	22.0	13.4	199.3	11.3	3.7	10.6	305.6	335.3	10.6	56.3	1.4	6.
2.9	17.5	1242.5	875.0	19.5	12.9	200.7	10.3	3.6	9.6	305.5	335.1	10.8	65.5	1.9	10.
3.8	20.0	1491.5	850.0	16.9	12.8	202.4	11.1	4.2	10.2	305.4	335.6	11.1	76.8	2.4	12.
4.8	22.4	1746.3	825.0	14.8	12.7	213.6	10.9	6.0	9.1	305.7	336.7	11.3	87.4	3.0	16.
6.1	25.0	2007.7	800.0	16.5	7.4	216.2	7.3	4.3	5.9	309.8	332.9	8.1	54.8	3.8	20.
7.1	27.4	2277.3	775.0	14.2	5.3	201.0	7.9	2.8	7.4	310.0	330.7	7.2	54.9	4.2	21.
8.0	30.2	2553.4	750.0	11.9	5.2	218.3	7.8	4.8	6.1	310.5	331.8	7.5	63.8	4.6	21.
8.9	33.0	2836.9	725.0	10.3	2.8	238.5	11.4	9.8	6.0	311.6	330.4	6.5	59.4	5.0	24.
9.9	35.7	3129.4	700.0	10.0	0.4	236.8	15.1	12.7	8.3	314.3	331.0	5.6	51.2	5.6	29.
10.6	38.5	3430.9	675.0	7.9	-0.2	231.7	17.1	13.5	10.6	315.2	331.8	5.6	56.7	6.4	32.
11.7	41.3	3741.4	650.0	5.5	-1.6	225.5	19.3	13.7	12.5	315.8	331.5	5.3	60.4	7.5	34.
12.7	44.3	4060.9	625.0	2.8	-5.8	225.5	19.8	14.1	13.9	316.2	328.2	4.0	52.8	8.7	36.
13.8	47.4	4389.9	600.0	0.1	-12.2	224.6	20.3	14.3	14.5	316.5	324.3	2.5	39.1	10.0	37.
14.9	50.4	4729.2	575.0	-2.7	-15.1	223.6	20.6	14.2	14.9	317.1	323.6	2.0	37.6	11.3	38.
16.1	53.6	5079.5	550.0	-6.1	-15.8	226.7	20.7	15.1	14.2	317.0	323.4	2.0	45.9	12.8	38.
17.3	56.6	5441.7	525.0	-9.2	-18.0	233.8	21.2	17.1	12.5	317.5	323.1	1.8	48.9	14.3	40.
18.5	60.0	5816.6	500.0	-12.7	-20.0	237.9	23.3	19.7	12.4	317.7	322.8	1.6	53.9	15.8	41.
19.9	63.6	6205.6	475.0	-16.0	-43.2	243.2	22.9	20.4	10.3	318.3	320.4	0.7	28.9	17.5	43.
21.2	67.0	6611.4	450.0	-17.8	-61.2	246.3	22.3	20.4	9.0	320.8	320.9	0.0	1.0	19.2	45.
22.5	70.6	7037.0	425.0	-20.3	-62.9	246.0	24.6	22.5	10.0	322.8	322.9	0.0	1.0	21.1	47.
23.9	74.3	7482.5	400.0	-24.1	-65.3	248.4	26.9	25.0	9.9	323.6	323.7	0.0	1.0	23.1	49.
25.4	78.3	7949.4	375.0	-28.2	-68.0	251.8	25.9	24.6	8.1	324.2	324.3	0.0	1.0	25.5	51.
27.0	82.4	8440.2	350.0	-32.4	-70.8	254.9	24.5	23.6	6.4	324.9	325.0	0.0	1.0	27.6	53.
28.5	86.5	8958.9	325.0	-36.0	-49.5	253.8	34.1	32.7	5.5	327.0	327.5	0.1	23.4	30.1	55.
30.2	91.2	9510.4	300.0	-39.6	99.9	259.0	36.4	35.8	7.0	329.5	999.9	99.9	999.9	33.1	57.
31.8	95.8	10100.3	275.0	-43.7	99.9	253.5	41.5	39.8	11.8	331.9	999.9	99.9	999.9	36.8	59.
33.8	100.8	10734.4	250.0	-48.6	99.9	253.6	42.4	40.7	11.9	333.8	999.9	99.9	999.9	41.7	61.
35.8	106.3	11418.1	225.0	-54.3	99.9	260.8	43.4	42.8	6.9	335.3	999.9	99.9	999.9	45.9	62.
38.1	112.0	12162.8	200.0	-60.1	99.9	257.0	56.2	54.8	12.7	337.6	999.9	99.9	999.9	53.0	65.
40.4	118.3	12984.8	175.0	-65.5	99.9	266.4	55.9	55.8	3.5	341.8	999.9	99.9	999.9	60.4	67.
43.3	125.3	13929.0	150.0	-62.8	99.9	255.7	38.7	37.5	9.5	361.9	999.9	99.9	999.9	67.4	69.
46.8	132.7	15053.9	125.0	-62.0	99.9	260.0	26.5	26.1	4.6	382.8	999.9	99.9	999.9	75.0	70.
50.9	140.3	16426.0	100.0	-62.7	99.9	249.0	25.4	23.7	9.1	406.5	999.9	99.9	999.9	81.8	70.
56.1	148.7	18171.5	75.0	-66.7	99.9	262.4	11.8	11.7	1.6	433.2	999.9	99.9	999.9	85.4	71.
63.5	157.3	20676.3	50.0	-59.1	99.9	268.3	4.7	4.7	0.1	504.3	999.9	99.9	999.9	88.4	72.
75.4	166.5	25136.5	25.0	-50.4	99.9	51.0	6.9	-5.4	-4.4	640.1	999.9	99.9	999.9	88.5	73.

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

STATION NO. 261
DEL RIO, TEX

24 APRIL 1975
2015 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CLW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	314.0	972.1	29.4	19.1	130.0	2.6	-2.0	1.7	307.0	346.6	14.5	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	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	11.3	518.2	950.0	26.5	17.5	118.3	3.6	-3.2	1.7	305.9	342.4	13.4	57.9	0.2	315.
1.7	13.5	753.2	925.0	24.3	16.8	105.9	4.0	-3.8	1.1	305.9	341.7	13.1	63.1	0.4	304.
2.5	15.8	992.9	900.0	22.4	16.5	66.5	2.8	-2.6	-1.1	306.4	342.7	13.3	69.5	0.5	294.
3.3	18.4	1237.7	875.0	20.2	15.7	30.9	2.3	-1.2	-2.0	306.6	342.0	13.0	75.4	0.6	294.
4.0	20.8	1488.7	850.0	21.5	10.5	320.5	4.5	2.8	-3.4	310.0	336.7	9.5	49.7	0.6	273.
4.9	23.4	1747.6	825.0	20.7	4.4	298.6	6.7	5.9	-3.2	311.4	330.0	6.4	34.4	0.4	242.
5.9	25.9	2012.6	800.0	19.5	-5.8	243.4	3.6	3.2	1.6	312.4	321.9	3.1	17.6	0.2	171.
6.8	28.7	2284.6	775.0	18.2	-13.9	999.9	99.9	99.9	99.9	313.6	318.9	1.7	9.9	999.9	999.9
7.8	31.4	2563.9	750.0	16.4	-15.1	999.9	99.9	99.9	99.9	314.6	319.6	1.6	10.1	999.9	999.9
8.8	34.3	2851.2	725.0	15.4	-15.8	270.3	16.5	16.5	-0.1	316.5	321.4	1.5	10.2	2.3	103.
9.8	36.9	3146.9	700.0	13.3	-17.2	255.8	12.5	12.1	3.1	317.4	322.0	1.4	10.4	3.1	98.
10.8	39.5	3450.8	675.0	10.5	-19.0	238.3	11.5	9.8	6.1	317.6	321.7	1.3	10.7	3.7	92.
11.9	42.7	3763.1	650.0	7.7	-20.9	228.1	11.9	8.9	8.0	317.8	321.5	1.1	10.9	4.3	86.
13.0	45.8	4084.4	625.0	5.0	-18.4	221.9	11.8	7.9	8.8	318.4	323.0	1.4	16.3	5.0	80.
14.2	48.9	4415.5	600.0	1.9	-16.4	225.1	14.0	9.9	9.9	318.5	324.1	1.8	24.2	5.6	74.
15.2	51.8	4757.0	575.0	-0.5	-18.2	237.5	16.6	14.0	8.9	319.6	324.7	1.6	24.9	6.5	71.
16.3	55.0	5110.8	550.0	-2.7	-22.4	247.1	19.2	17.7	7.5	321.0	324.8	1.1	20.2	7.7	70.
17.4	58.3	5477.6	525.0	-5.3	-32.0	252.2	21.5	20.5	6.6	322.0	323.8	0.5	10.0	9.1	70.
18.7	61.6	5858.1	500.0	-8.7	-27.5	258.8	22.0	21.6	4.3	322.5	325.2	0.8	20.0	10.8	71.
20.1	65.1	6253.1	475.0	-11.7	-27.3	262.2	24.0	23.8	3.3	323.6	326.5	0.9	25.9	12.6	72.
21.4	68.5	6665.8	450.0	-14.0	-28.8	260.1	24.7	24.3	4.2	325.7	328.4	0.8	27.1	14.7	73.
22.9	71.9	7097.4	425.0	-16.4	-37.4	255.2	23.7	22.9	6.1	327.9	329.2	0.4	14.3	16.7	74.
24.4	75.7	7550.1	400.0	-20.0	-28.3	256.7	23.2	22.6	5.3	329.0	332.2	0.9	47.6	18.7	74.
25.8	79.7	8025.3	375.0	-23.6	-31.2	266.0	28.6	28.6	2.0	330.3	333.0	0.7	49.4	21.1	75.
27.2	83.5	8525.8	350.0	-27.7	-35.9	265.4	28.7	28.6	2.3	331.4	333.2	0.5	45.0	23.3	76.
28.7	87.5	9054.3	325.0	-31.6	-41.6	261.6	29.4	29.1	4.3	333.1	334.2	0.3	36.2	25.9	77.
30.5	92.0	9614.5	300.0	-36.4	-46.7	259.4	29.7	29.2	5.5	334.0	334.7	0.2	33.2	29.1	77.
32.3	96.6	10212.3	275.0	-41.1	99.9	257.8	31.6	30.9	6.7	335.7	999.9	99.9	999.9	32.5	77.
34.3	101.3	10853.0	250.0	-46.0	99.9	257.8	31.6	30.9	6.7	337.7	999.9	99.9	999.9	36.4	77.
36.6	106.6	11544.6	225.0	-52.0	99.9	262.8	35.6	35.3	4.4	338.9	999.9	99.9	999.9	40.9	78.
39.9	112.0	12296.3	200.0	-58.0	99.9	259.5	43.1	42.4	7.8	340.9	999.9	99.9	999.9	46.1	78.
41.7	118.0	13123.6	175.0	-65.0	99.9	260.1	44.3	43.7	7.6	342.6	999.9	99.9	999.9	53.4	78.
44.7	125.0	14051.7	150.0	-66.3	99.9	277.7	39.9	39.5	-5.3	356.0	999.9	99.9	999.9	61.3	80.
48.1	132.0	15156.6	125.0	-65.8	99.9	254.1	25.2	24.2	6.9	375.8	999.9	99.9	999.9	67.4	80.
52.3	139.3	16506.5	100.0	-67.4	99.9	255.3	21.9	21.2	5.5	397.5	999.9	99.9	999.9	73.3	79.
57.7	147.3	19228.9	75.0	-69.1	99.9	277.2	9.9	9.8	-1.2	428.1	999.9	99.9	999.9	78.9	79.
65.0	156.3	20716.9	50.0	-59.8	99.9	279.6	5.9	5.8	-1.0	502.7	999.9	99.9	999.9	81.6	80.
76.2	165.7	25151.5	25.0	-51.0	99.9	29.6	2.5	-1.3	-2.2	638.5	999.9	99.9	999.9	81.3	81.

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

STATION NO. 265
MIDLAND, TEX

24 APRIL 1975
2015 GMT

158 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CC4P 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	911.3	31.1	-1.6	280.0	7.2	7.1	-1.3	313.0	324.2	3.7	12.0	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	984.1	900.0	29.0	0.1	999.9	99.9	99.9	99.9	312.0	324.8	4.3	15.4	999.9	999.
0.8	15.2	1232.6	875.0	25.7	-2.3	999.9	99.9	99.9	99.9	311.0	322.1	3.7	15.6	999.9	999.
1.8	17.4	1486.0	850.0	23.4	-4.0	999.9	99.9	99.9	99.9	311.1	321.1	3.3	15.8	999.9	999.
3.4	19.8	1744.4	825.0	20.6	-6.0	264.7	6.8	6.8	0.6	310.8	319.7	3.0	16.0	1.3	86.
4.8	22.0	2008.5	800.0	18.3	-7.8	272.7	6.0	6.0	-0.3	311.0	319.1	2.7	16.2	1.8	87.
5.9	24.4	2278.8	775.0	15.7	-9.7	269.9	5.0	5.0	0.0	311.0	318.3	2.4	16.4	2.2	87.
6.8	26.7	2555.3	750.0	13.2	-11.6	263.1	5.7	5.7	0.7	311.1	317.6	2.1	16.6	2.5	88.
7.7	29.3	2838.6	725.0	10.3	-13.8	260.3	6.2	6.1	1.0	311.0	316.7	1.8	16.8	2.8	87.
8.6	32.0	3128.7	700.0	7.8	-15.7	251.8	7.7	7.3	2.4	311.3	316.3	1.6	16.9	3.1	86.
9.5	34.7	3427.7	675.0	6.7	-16.6	250.2	11.1	10.5	3.8	313.3	318.2	1.5	17.0	3.6	83.
10.5	37.2	3736.3	650.0	4.4	-18.3	253.9	14.2	13.6	3.9	314.1	318.6	1.4	17.2	4.3	81.
11.4	40.0	4053.8	625.0	1.7	-20.4	258.3	15.8	15.5	3.2	314.6	318.5	1.2	17.4	5.2	80.
12.5	42.8	4381.2	600.0	-0.8	-24.4	259.9	18.2	17.9	3.2	315.3	318.2	0.9	14.7	6.3	80.
13.7	45.7	4719.8	575.0	-2.5	-25.4	254.8	22.0	21.2	5.7	317.2	320.0	0.8	15.2	7.7	80.
14.9	48.9	5071.5	550.0	-4.1	-27.3	249.3	24.2	22.6	8.5	319.3	321.8	0.7	14.3	9.4	79.
16.2	51.6	5436.6	525.0	-6.8	-29.3	246.6	26.2	24.1	10.4	320.3	322.5	0.5	14.5	11.4	77.
17.5	54.9	5815.1	500.0	-9.7	-31.5	248.2	26.8	24.9	9.9	321.2	323.1	0.5	14.8	13.5	75.
18.3	58.1	6209.0	475.0	-12.4	-33.6	247.8	25.8	23.9	9.7	322.7	324.3	0.5	15.0	15.6	74.
20.1	61.6	6619.6	450.0	-15.5	-36.0	246.5	26.6	24.4	10.6	323.7	325.1	0.4	15.3	17.4	73.
21.3	65.1	7047.8	425.0	-19.1	-38.8	246.9	27.4	25.7	9.4	324.4	325.6	0.3	15.6	19.5	73.
22.7	68.7	7496.0	400.0	-22.7	-41.5	253.7	28.8	27.6	8.1	325.5	326.4	0.2	15.9	21.8	73.
24.0	72.3	7966.0	375.0	-26.2	-44.3	254.7	31.3	30.2	8.3	326.8	327.5	0.2	16.2	24.1	73.
25.5	76.4	8461.0	350.0	-30.1	-47.4	259.4	30.2	29.7	5.5	328.1	328.7	0.1	16.5	26.8	73.
27.1	80.7	8983.6	325.0	-34.5	-50.9	261.8	33.4	33.1	4.8	329.1	329.5	0.1	16.9	29.8	74.
28.9	85.2	9538.4	300.0	-38.5	-54.1	259.5	37.3	36.6	6.8	331.0	331.3	0.1	17.2	33.5	75.
30.8	89.8	10131.4	275.0	-42.3	99.9	255.2	40.8	39.9	10.4	334.0	999.9	99.9	999.9	37.8	75.
32.8	95.0	10767.6	250.0	-48.0	99.9	257.6	42.3	41.3	9.1	334.6	999.9	99.9	999.9	42.9	75.
35.0	100.2	11455.2	225.0	-53.1	99.9	258.1	45.2	44.3	9.3	337.1	999.9	99.9	999.9	48.9	76.
37.4	106.0	12202.7	200.0	-59.5	99.9	258.0	49.2	47.7	11.9	338.5	999.9	99.9	999.9	55.7	76.
39.9	112.3	13028.7	175.0	-64.5	99.9	258.9	58.1*	57.0	11.2	343.6	999.9	99.9	999.9	63.7	76.
42.9	119.3	13975.4	150.0	-62.4	99.9	262.6	36.1*	35.8	4.7	362.6	999.9	99.9	999.9	72.3	77.
46.4	127.3	15099.9	125.0	-63.3	99.9	252.3	33.6*	32.0	10.2	380.3	999.9	99.9	999.9	79.8	76.
50.7	136.0	16468.6	100.0	-65.6	99.9	257.8	23.0*	22.5	4.9	401.1	999.9	99.9	999.9	87.1	76.
56.1	145.0	18212.9	75.0	-66.0	99.9	303.4	5.9*	4.9	-3.2	438.6	999.9	99.9	999.9	93.0	77.
63.6	155.0	20726.1	50.0	-59.2	99.9	261.0	1.2	1.2	0.2	504.1	999.9	99.9	999.9	95.2	78.
75.8	165.5	25186.5	25.0	-50.4	99.9	278.7	4.0	4.0	-0.6	639.9	999.9	99.9	999.9	96.3	78.

* BY SPEED MEANS ELEVATION 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. 304
MATTERAS, NC

24 APRIL 1975
2100 GMT

166 24. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	4.0	1018.9	22.6	15.4	210.0	7.2	3.6	6.2	295.6	324.3	10.9	64.0	0.0	0.
0.7	6.3	166.7	1000.0	20.6	14.1	211.3	20.7	10.8	17.7	295.1	321.8	10.2	66.2	0.0	27.
1.6	6.7	385.1	975.0	18.6	13.1	211.1	18.9	9.8	16.2	295.2	321.0	9.8	70.6	1.7	30.
2.5	11.1	607.3	950.0	16.4	10.6	215.0	20.7	11.9	17.0	295.0	317.5	8.5	68.4	2.8	31.
3.5	13.6	833.8	925.0	14.6	8.8	219.0	20.0	12.6	15.5	295.3	315.9	7.7	68.1	3.9	33.
4.4	16.0	1065.1	900.0	13.5	5.7	219.1	18.5	11.7	14.4	296.3	313.7	6.4	59.1	5.0	34.
5.3	18.6	1302.2	875.0	13.0	1.2	218.2	15.8	9.8	12.4	298.0	312.0	5.1	47.0	5.9	35.
6.3	21.0	1545.7	850.0	12.4	4.6	221.4	14.9	9.9	11.2	299.9	317.3	6.3	59.0	6.8	36.
7.3	23.7	1795.0	825.0	11.0	2.6	224.5	14.7	10.3	10.5	300.9	316.6	5.6	56.3	7.7	36.
8.2	26.2	2051.9	800.0	10.0	-7.1	231.4	15.5	12.1	9.7	302.2	311.0	3.0	31.2	8.5	37.
9.1	29.3	2315.1	775.0	8.8	-1.6	236.5	15.1	12.5	8.3	303.9	316.5	4.4	47.7	9.3	39.
10.1	31.8	2586.1	750.0	7.6	-1.0	255.9	14.2	13.8	3.4	305.4	319.1	4.8	54.7	10.1	41.
11.1	34.7	2864.8	725.0	5.8	-3.4	264.6	13.5	13.5	1.3	306.4	318.3	4.1	51.3	10.7	44.
12.1	37.4	3151.4	700.0	3.9	-4.0	272.6	15.0	15.0	-0.7	307.3	317.3	4.1	56.5	11.3	47.
13.1	40.3	3445.9	675.0	1.8	-4.4	278.5	16.6	16.5	-2.5	308.1	320.1	4.1	63.4	12.0	50.
14.2	43.1	3750.7	650.0	1.5	-6.0	279.9	17.2	16.9	-2.9	311.2	322.4	3.8	57.3	12.8	54.
15.2	46.1	4065.8	625.0	-0.2	-13.7	276.9	17.0	16.7	-2.9	312.4	317.0	2.1	35.3	13.5	57.
16.3	49.4	4390.9	600.0	-3.0	-19.2	279.8	16.6	16.4	-2.8	312.8	317.3	1.4	27.3	14.4	60.
17.4	52.3	4726.5	575.0	-5.2	-23.5	280.2	15.5	15.3	-2.7	314.0	317.2	1.0	22.0	15.2	63.
18.6	55.5	5073.7	550.0	-6.3	-22.0	286.8	16.2	15.0	-4.7	314.4	318.2	1.2	32.0	16.1	65.
19.9	58.7	5432.9	525.0	-11.0	-18.7	291.2	16.1	15.0	-5.8	315.4	320.7	1.7	52.9	17.0	68.
21.2	62.1	5806.3	500.0	-12.6	-31.3	293.7	10.5	9.6	-4.2	317.6	319.5	0.6	19.2	17.8	71.
22.6	65.6	6195.9	475.0	-15.4	-36.5	289.5	14.0	13.2	-4.7	318.9	320.1	0.3	14.4	18.5	73.
24.1	69.0	6601.9	450.0	-18.0	-38.4	282.3	18.6	18.2	-4.0	320.6	321.7	0.3	14.7	19.8	75.
25.6	72.6	7026.2	425.0	-21.7	-40.5	283.1	17.7	17.2	-4.0	321.1	322.1	0.3	16.2	21.3	77.
27.2	76.4	7470.4	400.0	-24.5	-39.7	290.5	19.1	17.9	-6.7	323.1	324.1	0.3	22.9	22.8	79.
28.7	80.4	7938.1	375.0	-27.1	-41.4	283.5	12.0	11.7	-2.8	325.7	326.6	0.3	24.1	24.2	81.
30.4	84.4	8431.7	350.0	-30.9	-45.4	282.1	9.7	9.5	-2.0	327.0	327.7	0.2	22.3	25.2	82.
32.1	88.4	8952.9	325.0	-34.8	-50.9	294.3	9.3	8.5	-3.8	328.7	329.1	0.1	17.4	25.9	83.
34.2	93.0	9506.3	300.0	-39.4	-54.6	319.2	10.1	6.6	-7.7	329.7	330.0	0.1	18.0	26.8	84.
36.1	97.6	10094.8	275.0	-45.0	99.9	308.5	15.3	12.0	-9.5	330.1	999.9	99.9	999.9	27.9	87.
38.5	102.4	10724.1	250.0	-50.3	99.9	304.6	19.4	16.0	-11.0	331.3	999.9	99.9	999.9	29.9	90.
40.7	107.9	11402.8	225.0	-56.1	99.9	288.6	18.9	16.1	-5.4	332.5	999.9	99.9	999.9	31.8	92.
43.0	113.2	12142.4	200.0	-61.1	99.9	291.8	17.5	16.3	-6.5	336.1	999.9	99.9	999.9	34.3	93.
45.6	119.3	12964.1	175.0	-64.6	99.9	292.1	17.8	16.5	-6.7	343.4	999.9	99.9	999.9	36.4	95.
48.5	125.9	13906.6	150.0	-64.7	99.9	294.8	28.5	25.9	-12.0	358.7	999.9	99.9	999.9	40.8	97.
52.0	133.3	15028.4	125.0	-58.9	99.9	282.1	34.4	33.6	-7.2	388.3	999.9	99.9	999.9	47.9	98.
56.2	140.7	16420.5	100.0	-62.0	99.9	303.1	11.4	9.6	-6.3	407.9	999.9	99.9	999.9	53.6	100.
61.4	149.0	18172.9	75.0	-65.8	99.9	32.4	4.4	-2.4	-3.7	434.9	999.9	99.9	999.9	56.4	100.
68.5	158.3	20685.8	50.0	-58.7	99.9	318.8	3.3	2.2	-2.5	505.4	999.9	99.9	999.9	57.3	101.
79.7	168.5	25122.6	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.

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

STATION NO. 311
ATHENS, GA

24 APRIL 1975
2040 GMT

155 17. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	246.0	989.2	26.1	16.6	210.0	7.2	3.6	6.2	301.8	334.5	12.2	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.
0.2	8.4	373.0	975.0	23.5	13.2	230.9	14.6	11.3	9.2	300.2	326.7	9.8	52.2	0.3	52.
1.1	10.5	599.7	950.0	22.3	13.4	230.2	13.2	10.1	8.4	301.2	328.9	10.3	57.1	0.8	51.
2.0	12.7	830.5	925.0	18.9	11.4	225.2	10.2	7.3	7.2	299.8	324.7	9.2	61.8	1.4	50.
2.7	15.0	1065.1	900.0	16.4	10.2	219.8	9.5	6.1	7.3	299.5	323.2	8.8	67.0	1.9	48.
3.4	17.1	1305.0	875.0	14.5	10.0	229.0	9.4	7.1	6.1	300.0	324.0	8.9	74.4	2.3	47.
4.6	19.5	1550.0	850.0	12.5	9.4	245.5	13.4	12.2	5.5	300.5	324.4	8.8	81.4	3.0	51.
5.7	21.7	1806.7	825.0	11.7	7.3	243.7	15.7	14.0	6.9	302.0	323.5	7.8	74.7	4.0	54.
6.5	24.3	2057.6	800.0	9.6	7.1	252.0	13.6	12.9	4.2	302.5	324.4	8.0	84.3	4.6	56.
7.4	26.5	2321.9	775.0	9.7	5.0	253.1	18.4	17.6	5.3	305.1	325.0	7.1	72.8	5.5	59.
8.3	29.0	2593.5	750.0	8.0	2.4	251.1	20.3	19.2	6.6	306.1	323.4	6.1	67.4	6.6	61.
9.4	31.6	2872.6	725.0	5.8	0.9	250.7	21.1	19.9	7.0	306.6	322.7	5.7	70.8	8.0	63.
10.4	34.3	3158.8	700.0	3.0	-1.1	256.6	20.5	20.0	4.9	306.4	321.0	5.1	74.6	9.2	64.
11.5	36.9	3453.6	675.0	3.6	-15.7	262.8	20.8	20.6	2.6	309.2	315.0	1.7	22.8	10.5	66.
12.7	39.5	3759.2	650.0	1.8	-8.2	260.7	22.2	21.9	3.6	311.4	321.0	3.2	47.5	12.0	68.
13.9	42.0	4074.8	625.0	0.6	-11.7	262.7	24.6	24.4	3.1	313.5	321.2	2.5	39.1	13.5	70.
15.0	44.9	4401.4	600.0	-1.7	-14.2	271.9	25.2	25.2	-0.9	314.5	321.1	2.1	37.6	15.2	72.
16.2	47.9	4738.7	575.0	-4.2	-11.1	276.6	24.9	24.7	-2.9	315.4	324.2	2.9	58.6	16.9	74.
17.5	50.6	5088.2	550.0	-6.4	-12.4	276.9	23.1	23.0	-2.8	316.8	325.1	2.7	62.3	18.6	76.
18.8	53.5	5449.7	525.0	-9.9	-17.0	276.5	21.3	21.2	-2.4	316.8	322.9	1.9	56.0	20.1	78.
20.0	56.6	5823.7	500.0	-13.4	-20.5	280.8	23.1	22.7	-4.3	316.8	321.6	1.5	55.2	21.8	79.
21.4	59.8	6212.7	475.0	-14.9	-36.3	282.4	22.5	22.0	-4.8	319.5	320.7	0.4	14.1	23.5	81.
22.9	63.1	6619.0	450.0	-18.1	-38.7	279.3	20.7	20.4	-3.3	320.5	321.5	0.3	14.4	25.3	83.
24.4	66.4	7044.2	425.0	-20.5	-40.6	276.8	21.6	21.4	-2.5	322.7	323.6	0.3	14.6	27.2	84.
25.9	70.9	7499.5	400.0	-24.6	-43.7	286.4	17.2	16.5	-4.9	323.0	323.7	0.2	14.9	29.0	85.
27.6	73.4	7956.3	375.0	-28.0	-46.4	275.2	21.8	21.5	-3.5	324.5	325.1	0.2	15.2	30.8	86.
29.2	77.3	8447.8	350.0	-31.9	-49.4	276.4	25.0	24.8	-2.8	325.7	326.1	0.1	15.5	32.9	87.
30.9	81.1	8966.8	325.0	-35.8	-52.5	280.3	24.7	24.3	-4.4	327.3	327.6	0.1	15.8	35.4	88.
32.7	85.3	9517.9	300.0	-40.6	-59.9	284.9	22.4	21.6	-5.9	328.2	329.9	99.9	999.9	37.9	89.
34.4	89.5	10105.4	275.0	-44.9	-69.9	279.2	19.1	18.9	-3.0	330.3	329.9	99.9	999.9	40.4	90.
37.0	94.2	10734.9	250.0	-50.5	-79.9	284.0	16.9	16.4	-4.1	331.1	329.9	99.9	999.9	42.4	90.
39.5	99.0	11414.5	225.0	-55.0	-89.9	289.9	17.3	16.3	-5.9	334.3	329.9	99.9	999.9	45.1	91.
42.3	104.0	12160.0	200.0	-58.7	-99.9	281.7	15.1	14.7	-3.1	339.2	329.9	99.9	999.9	48.2	92.
45.2	109.8	12989.6	175.0	-62.7	-99.9	266.3	26.6	26.5	1.7	346.5	329.9	99.9	999.9	51.7	92.
48.6	115.8	13944.6	150.0	-60.2	-99.9	283.2	32.9	32.0	-7.5	366.4	329.9	99.9	999.9	57.9	92.
52.4	122.2	15079.4	125.0	-61.2	-99.9	269.2	26.9	26.9	0.4	384.2	329.9	99.9	999.9	64.6	93.
57.0	130.5	16452.7	100.0	-65.3	-99.9	280.2	17.4	17.1	-3.1	401.6	329.9	99.9	999.9	71.5	93.
62.5	138.8	18195.1	75.0	-66.1	-99.9	295.6	12.6	11.4	-5.4	434.4	329.9	99.9	999.9	76.5	94.
70.7	148.0	20693.4	50.0	-60.8	-99.9	272.9	8.6	8.5	-0.4	500.3	329.9	99.9	999.9	77.4	95.
82.4	157.7	29123.0	25.0	-52.1	-99.9	315.3	4.4	3.1	-3.2	635.2	329.9	99.9	999.9	78.1	96.

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

STATION NO. 317
GREENSBORO, NC

24 APRIL 1975
2015 GMT

162 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	275.0	983.5	25.6	15.0	190.0	9.3	1.0	9.2	301.7	331.4	11.0	52.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	8.9	351.1	975.0	23.7	8.2	202.4	14.1	5.4	13.0	300.0	319.4	7.1	37.4	0.3	42.
1.3	11.2	576.9	950.0	21.3	8.9	215.2	12.9	7.5	10.6	299.9	320.6	7.6	45.1	1.0	35.
2.1	13.9	807.3	925.0	19.3	9.5	224.7	13.6	9.6	9.7	300.2	322.2	8.1	53.0	1.6	38.
2.9	16.3	1042.1	900.0	17.1	9.2	222.6	16.1	10.9	11.9	300.3	322.5	8.2	59.5	2.4	40.
4.0	19.1	1281.8	875.0	14.8	9.8	227.5	16.8	12.4	11.4	300.3	324.1	8.8	72.1	3.5	41.
4.9	21.6	1526.6	850.0	12.7	9.6	227.0	16.9	12.3	11.5	300.6	324.7	8.9	81.7	4.3	42.
5.6	24.4	1776.9	825.0	10.3	9.0	231.3	18.2	14.2	11.4	300.6	324.6	8.8	91.9	5.1	43.
6.6	27.0	2032.5	800.0	8.1	7.6	243.8	22.2	19.9	9.8	300.9	323.4	8.2	96.5	6.2	46.
7.9	30.0	2296.2	775.0	9.4	3.8	250.4	26.2	24.7	8.8	304.8	323.1	6.5	68.2	8.1	51.
9.2	32.9	2568.3	750.0	8.7	2.4	250.3	24.9	23.5	8.4	306.8	324.1	6.1	64.5	10.0	55.
10.5	35.9	2848.2	725.0	7.1	-11.0	249.9	24.4	22.9	8.4	307.5	314.7	2.4	27.2	11.9	57.
11.5	38.6	3136.1	700.0	6.4	-46.0	251.5	23.9	22.7	7.6	309.6	309.9	0.1	1.0	13.3	59.
12.6	41.4	3432.9	675.0	4.4	-24.5	256.3	23.6	22.9	5.6	310.7	313.3	0.8	10.5	14.9	60.
13.7	44.5	3738.8	650.0	2.2	-12.2	262.3	23.0	22.6	3.1	311.7	318.8	2.3	33.7	16.3	62.
14.9	47.8	4054.4	625.0	-0.1	-10.1	266.1	26.0	26.0	1.8	312.7	321.4	2.9	46.8	17.9	64.
16.1	50.9	4380.0	600.0	-2.2	-13.1	272.8	25.1	25.1	-1.2	313.9	321.1	2.3	42.9	19.6	67.
17.5	54.1	4716.7	575.0	-4.8	-8.8	269.3	23.7	23.7	0.3	314.8	325.2	3.4	73.5	21.4	69.
18.9	57.4	5065.6	550.0	-6.6	-32.0	271.7	25.5	25.5	-0.7	316.2	317.8	0.5	11.3	23.3	71.
20.2	61.0	5426.4	525.0	-9.9	-31.6	274.1	23.2	23.1	-1.6	316.6	318.3	0.5	14.9	25.2	72.
21.4	64.6	5800.8	500.0	-12.5	-22.1	274.6	23.6	23.5	-1.9	318.0	322.2	1.3	44.1	26.8	74.
22.9	68.0	6191.0	475.0	-14.7	-25.7	273.4	22.8	22.8	-1.3	319.9	323.2	1.0	38.4	28.7	75.
24.4	71.7	6597.8	450.0	-18.2	-61.5	275.5	20.1	20.0	-1.9	320.4	320.4	0.0	1.0	30.5	76.
26.0	75.7	7022.3	425.0	-20.9	-63.2	273.1	24.2	24.1	-1.3	322.2	322.2	0.0	1.0	32.4	77.
27.7	79.9	7467.5	400.0	-24.0	-65.3	280.4	24.0	23.6	-4.3	323.7	323.8	0.0	1.0	34.8	79.
29.4	83.8	7935.0	375.0	-27.8	-67.7	278.4	22.1	21.9	-3.2	324.7	324.7	0.0	1.0	37.4	80.
31.2	88.0	8427.4	350.0	-30.8	-69.7	272.0	21.6	21.6	-0.7	327.2	327.2	0.0	1.0	39.3	81.
33.2	92.7	8948.9	325.0	-35.3	-72.7	273.3	20.6	20.6	-1.2	327.9	327.9	0.0	1.0	41.7	82.
35.3	97.4	9500.9	300.0	-39.9	99.9	259.6	25.6	25.2	4.6	329.1	999.9	99.9	999.9	44.2	82.
37.6	102.2	10089.1	275.0	-45.1	99.9	255.2	13.4	13.0	3.4	330.0	999.9	99.9	999.9	46.5	82.
39.8	107.6	10719.6	250.0	-49.4	99.9	254.8	14.7	14.1	3.8	332.6	999.9	99.9	999.9	48.6	82.
42.0	113.0	11401.4	225.0	-54.9	99.9	281.2	11.5	11.3	-2.2	334.3	999.9	99.9	999.9	50.0	82.
44.7	119.0	12142.6	200.0	-61.6	99.9	275.0	15.5	15.5	-1.4	335.2	999.9	99.9	999.9	51.5	83.
47.5	125.5	12961.7	175.0	-64.2	99.9	280.4	34.4	33.8	-6.2	344.1	999.9	99.9	999.9	55.2	84.
50.8	132.3	13914.7	150.0	-60.8	99.9	293.7	34.3	31.4	-13.8	365.4	999.9	99.9	999.9	61.2	86.
54.5	139.3	15045.6	125.0	-60.6	99.9	263.6	30.4	30.2	3.4	385.3	999.9	99.9	999.9	68.0	88.
59.5	146.0	16431.7	100.0	-63.3	99.9	273.7	17.6	17.6	-1.1	405.5	999.9	99.9	999.9	75.7	88.
65.5	153.5	18187.9	75.0	-65.1	99.9	311.4	6.0	4.5	-4.0	436.4	999.9	99.9	999.9	80.9	90.
73.8	161.0	20703.9	50.0	-58.8	99.9	48.2	0.4	-0.3	-0.3	505.0	999.9	99.9	999.9	81.6	90.
87.0	168.7	23160.4	25.0	-50.0	99.9	999.9	99.9	99.9	99.9	641.3	999.9	99.9	999.9	999.9	999.

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

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
2015 GMT

162 17. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.4	180.0	993.0	20.0	19.0	240.0	3.6	3.1	1.8	295.6	332.2	14.1	94.0	0.0	0.
99.9	6.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	6.9	338.5	575.0	19.9	18.5	599.9	99.9	99.9	99.9	297.0	333.2	14.0	92.1	999.9	999.9
1.1	8.8	563.2	950.0	19.7	17.5	999.9	99.9	99.9	99.9	299.0	334.3	13.4	86.8	999.9	999.9
1.9	10.8	793.1	925.0	17.9	16.3	237.9	18.1	15.3	9.6	299.3	333.1	12.7	90.1	1.4	62.
2.7	12.8	1027.7	900.0	16.1	14.6	239.9	19.2	16.6	9.6	299.7	331.0	11.8	91.0	2.3	60.
3.6	15.1	1267.5	875.0	14.7	13.3	243.7	20.4	18.3	9.0	300.5	330.2	11.1	91.7	3.4	61.
4.3	17.1	1512.8	850.0	13.1	11.9	245.8	21.1	19.3	8.7	301.2	329.3	10.4	92.4	4.3	62.
5.1	19.3	1764.1	825.0	11.9	10.5	255.8	19.9	18.4	4.6	302.5	329.0	9.7	90.7	5.2	63.
6.0	21.5	2022.1	800.0	10.7	9.4	262.1	22.2	22.0	3.1	303.8	329.4	9.3	91.6	6.2	64.
6.7	23.8	2286.6	775.0	9.0	7.6	262.7	23.1	22.9	2.9	304.6	328.2	8.5	91.4	7.2	68.
7.7	26.0	2557.9	750.0	7.3	5.6	266.6	24.5	24.4	1.5	305.5	326.9	7.7	89.5	8.5	71.
8.6	28.5	2836.7	725.0	5.2	3.7	268.7	25.9	25.9	0.6	306.0	325.5	6.9	90.2	9.8	73.
9.4	31.0	3122.6	700.0	3.0	1.9	268.5	26.1	26.1	0.7	306.6	324.5	6.3	92.8	11.1	75.
10.3	33.6	3417.0	675.0	1.1	0.3	269.3	25.6	25.6	0.3	307.6	324.3	5.8	94.6	12.5	77.
11.1	36.0	3719.8	650.0	-1.1	-1.9	270.3	26.8	26.7	-0.1	308.4	323.3	5.1	94.3	13.7	78.
12.0	38.8	4032.9	625.0	-2.4	-3.2	271.5	29.5	29.5	-0.8	310.3	324.5	4.8	94.1	15.1	79.
12.9	41.3	4356.9	600.0	-3.8	-4.6	274.4	30.0	29.9	-2.3	312.3	325.7	4.5	93.8	16.8	80.
13.9	44.1	4692.3	575.0	-5.6	-6.5	278.8	29.3	29.0	-4.5	313.9	326.2	4.1	93.6	18.5	82.
14.9	47.1	5040.5	550.0	-7.4	-8.3	281.0	28.4	27.9	-5.4	315.7	327.0	3.7	93.3	20.2	83.
16.0	50.1	5401.9	525.0	-9.5	-10.8	280.2	29.5	29.1	-5.2	317.3	327.2	3.2	90.5	21.9	85.
17.2	53.1	5776.6	500.0	-12.9	-15.9	281.7	28.1	27.6	-5.7	317.5	324.5	2.2	78.3	23.9	86.
18.4	56.1	6165.3	475.0	-17.2	-29.1	286.3	25.8	24.8	-7.3	316.8	319.3	0.7	35.4	25.8	87.
19.7	59.5	6369.0	450.0	-19.0	-30.4	286.4	29.6	28.4	-8.3	319.4	321.7	0.7	35.7	28.0	88.
20.9	63.0	6991.1	425.0	-22.5	-44.0	289.7	28.0	26.3	-9.4	320.1	320.7	0.2	12.0	29.8	90.
22.2	66.4	7434.2	400.0	-25.7	-48.1	289.5	30.2	28.5	-10.1	321.5	322.0	0.1	10.1	31.9	92.
23.7	70.3	7898.4	375.0	-29.2	-51.0	290.5	26.1	24.5	-9.1	322.8	323.2	0.1	10.1	34.4	93.
25.3	74.0	8388.3	350.0	-32.0	-49.9	284.1	25.9	25.1	-6.3	325.5	325.9	0.1	14.9	36.8	94.
26.9	78.2	8907.1	325.0	-35.9	-42.5	272.6	22.4	22.3	-1.0	327.1	328.1	0.3	50.6	39.1	94.
28.5	82.3	9459.7	300.0	-40.0	99.9	264.2	24.8	24.7	2.5	328.9	999.9	99.9	999.9	41.3	94.
30.4	86.8	10047.1	275.0	-44.5	99.9	262.3	23.7	23.5	3.2	330.8	999.9	99.9	999.9	44.1	93.
32.6	91.8	10677.8	250.0	-50.1	99.9	262.1	18.5	18.4	2.5	331.7	999.9	99.9	999.9	46.9	93.
34.6	97.0	11356.6	225.0	-56.2	99.9	261.4	19.7	19.5	2.9	332.5	999.9	99.9	999.9	49.0	92.
36.7	102.5	12036.9	200.0	-61.4	99.9	262.6	25.2	24.9	3.2	335.6	999.9	99.9	999.9	51.8	92.
39.4	109.0	12912.1	175.0	-66.8	99.9	267.9	25.8	25.8	0.9	339.7	999.9	99.9	999.9	55.8	91.
42.7	115.8	13860.6	150.0	-59.1	99.9	276.1	33.9	33.7	-3.6	368.2	999.9	99.9	999.9	61.6	91.
46.4	123.3	15004.8	125.0	-60.1	99.9	247.9	23.7	22.0	8.9	386.3	999.9	99.9	999.9	67.6	91.
51.3	132.3	16382.4	100.0	-64.5	99.9	270.1	21.1	21.1	-0.1	403.1	999.9	99.9	999.9	75.3	90.
57.1	141.7	18140.7	75.0	-62.6	99.9	213.5	2.5	1.4	2.1	441.8	999.9	99.9	999.9	80.4	91.
65.0	152.0	20651.6	50.0	-58.9	99.9	92.8	3.3	-3.3	0.2	504.8	999.9	99.9	999.9	82.8	90.
77.0	162.5	25000.8	25.0	-53.6	99.9	20.8	4.4	-1.8	-4.1	630.9	999.9	99.9	999.9	83.2	91.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
2030 GMT

154 19. 6

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	79.0	1002.7	27.8	19.6	220.0	6.2	4.0	4.7	302.7	341.5	14.5	61.0	0.0	0.
0.1	6.1	102.9	1000.0	25.9	15.6	191.7	6.8	1.4	6.6	300.6	333.8	11.3	53.1	0.2	1.
0.4	8.2	325.2	975.0	23.5	14.7	194.0	7.3	1.8	7.1	300.3	329.5	10.9	58.0	0.3	5.
1.6	10.4	551.8	950.0	22.1	14.9	203.1	8.4	3.3	7.7	301.1	331.6	11.3	63.8	0.7	12.
2.2	12.5	783.8	925.0	21.0	15.4	210.9	8.9	4.5	7.6	302.4	334.8	12.0	70.2	1.0	17.
2.9	14.7	1020.7	900.0	19.1	14.1	213.4	11.9	6.6	10.0	302.8	333.4	11.3	72.4	1.4	21.
3.6	16.7	1262.7	875.0	17.2	13.6	219.8	14.2	9.1	10.9	303.2	333.9	11.3	79.2	1.9	26.
4.2	19.1	1510.1	850.0	15.2	12.4	227.5	14.5	10.7	9.8	303.5	332.7	10.7	83.1	2.5	30.
5.1	21.2	1763.4	825.0	14.0	10.6	239.4	17.6	15.2	8.9	304.7	331.7	9.8	79.7	3.2	35.
6.0	23.6	2022.7	800.0	12.0	9.7	240.4	17.8	15.5	8.9	305.2	331.4	9.5	86.1	4.2	41.
6.9	25.3	2289.3	775.0	12.1	6.4	239.1	18.0	15.4	9.2	307.9	330.0	7.9	86.3	5.1	46.
7.9	28.2	2564.6	750.0	12.8	-6.9	233.3	16.9	13.6	10.1	310.9	320.1	3.0	24.6	6.0	47.
8.7	30.8	2848.6	725.0	11.3	-10.0	234.0	15.4	12.4	9.0	312.2	320.0	2.6	22.0	6.2	47.
9.6	33.3	3140.2	700.0	8.8	-13.3	237.7	14.7	12.4	7.9	312.4	318.5	2.0	19.4	7.7	48.
10.6	35.8	3439.4	675.0	6.2	-14.4	242.9	14.4	12.9	6.6	312.8	318.6	1.9	21.2	8.5	49.
11.5	38.3	3747.1	650.0	3.8	-16.3	248.8	15.0	14.0	5.4	313.4	318.6	1.6	21.3	9.3	51.
12.5	40.8	4064.2	625.0	1.3	-18.3	254.4	16.3	15.7	4.4	314.1	318.7	1.4	21.5	10.1	53.
13.5	43.6	4391.2	600.0	-1.3	-19.4	258.2	18.5	18.1	3.8	314.8	319.2	1.4	23.5	11.1	55.
14.6	46.4	4728.6	575.0	-4.1	-20.3	258.9	19.9	19.5	3.8	315.3	319.6	1.3	27.0	12.3	57.
15.8	49.3	5077.5	550.0	-6.8	-16.8	258.4	23.5	23.0	4.7	316.2	322.2	1.9	44.7	13.7	60.
17.0	52.0	5438.9	525.0	-9.7	-22.3	259.0	27.2	26.7	5.2	316.9	320.9	1.2	34.7	15.5	62.
18.2	55.0	5813.0	500.0	-13.1	-28.7	262.2	27.6	27.3	3.7	317.1	319.5	0.7	25.4	17.4	64.
19.6	58.0	6202.7	475.0	-14.3	-36.3	258.8	28.9	24.4	5.2	320.2	321.5	0.4	13.4	19.6	64.
20.9	61.1	6610.9	450.0	-17.0	-38.3	252.4	25.3	24.1	7.7	321.8	322.9	0.3	13.7	21.5	67.
22.2	64.6	7036.8	425.0	-20.6	-41.0	253.7	26.0	25.0	7.3	322.5	323.4	0.2	14.1	23.6	67.
23.7	67.7	7481.8	400.0	-24.4	-43.9	258.8	28.1	25.6	5.1	323.2	323.9	0.2	14.5	25.8	64.
25.4	71.1	7946.7	375.0	-28.0	-46.5	263.9	24.9	24.7	2.6	324.5	325.1	0.2	14.9	28.5	64.
26.9	74.9	8439.9	350.0	-32.1	-49.7	264.8	26.4	26.3	2.4	325.3	325.8	0.1	15.4	30.6	70.
28.6	78.8	8958.5	325.0	-36.4	-53.0	267.8	29.0	29.0	1.1	326.5	326.8	0.1	15.8	33.5	72.
30.4	82.7	9509.5	300.0	-40.3	99.9	267.0	27.4	27.3	1.4	328.5	999.9	99.9	99.9	36.2	73.
32.3	86.7	10096.4	275.0	-45.2	99.9	271.4	26.7	26.7	-0.6	329.8	999.9	99.9	99.9	39.3	74.
34.5	91.2	10725.7	250.0	-50.0	99.9	268.8	31.4	31.4	0.6	331.7	999.9	99.9	99.9	43.0	76.
36.7	95.8	11406.4	225.0	-55.5	99.9	269.1	33.4	33.4	0.6	333.5	999.9	99.9	99.9	47.1	77.
39.1	100.8	12147.9	200.0	-60.7	99.9	267.6	33.3	33.3	1.4	336.7	999.9	99.9	99.9	51.8	74.
41.9	106.5	12973.2	175.0	-63.0	99.9	270.0	37.6	37.6	0.0	346.0	999.9	99.9	99.9	57.2	79.
44.9	112.5	13923.7	150.0	-62.0	99.9	265.8	31.8	31.7	2.3	363.2	999.9	99.9	99.9	63.4	80.
48.7	119.3	15052.4	125.0	-61.7	99.9	264.1	41.4	41.2	4.2	383.4	999.9	99.9	99.9	71.3	80.
53.2	127.3	16430.3	100.0	-62.0	99.9	272.7	25.4	25.4	-1.2	408.1	999.9	99.9	99.9	79.6	81.
58.1	136.0	18186.7	75.0	-66.0	99.9	257.6	8.3	8.1	1.8	434.6	999.9	99.9	99.9	83.7	81.
65.7	145.3	20700.1	50.0	-57.7	99.9	336.8	2.4	0.9	-2.2	507.6	999.9	99.9	99.9	87.0	81.
77.0	155.5	25147.3	25.0	-50.5	99.9	301.5	3.9	3.3	-2.0	639.7	999.9	99.9	99.9	89.3	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. 349
MONETTE, MO

24 APRIL 1975
2100 GMT

160 16. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDT T DJ K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	438.0	958.7	24.6	18.1	170.0	6.7	-1.2	6.6	303.2	340.2	13.8	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.
0.3	5.2	517.8	950.0	22.1	15.4	171.8	7.0	-1.0	6.9	301.2	332.5	11.7	65.9	0.2	344.
1.3	11.4	748.9	925.0	19.6	14.2	182.6	8.3	0.4	8.2	300.9	330.7	11.1	70.9	0.5	351.
2.2	13.5	984.7	900.0	18.0	14.0	192.7	10.7	2.4	10.5	301.6	331.9	11.3	77.1	1.1	359.
3.0	16.1	1225.9	875.0	16.5	14.0	210.1	14.0	7.0	12.1	302.4	333.8	11.6	85.4	1.6	7.
3.9	18.6	1472.6	850.0	14.9	11.7	228.9	14.0	10.6	9.2	303.1	331.0	10.2	81.4	2.3	17.
4.9	21.0	1725.5	825.0	14.8	6.2	248.2	16.0	14.9	5.9	305.2	325.5	7.2	56.4	3.1	28.
5.6	23.6	1986.2	800.0	15.5	-6.8	260.8	16.6	16.4	2.7	308.0	316.6	2.9	20.9	3.5	36.
6.5	26.3	2254.5	775.0	14.0	-8.6	261.6	17.6	17.4	2.6	309.2	317.0	2.6	20.0	4.2	45.
7.5	28.7	2529.7	750.0	11.7	-9.7	259.4	17.3	17.0	3.2	309.6	317.0	2.4	21.3	5.1	52.
9.4	31.3	2811.7	725.0	9.2	-11.5	256.1	17.3	16.8	4.2	309.8	316.5	2.2	21.7	6.0	56.
9.6	34.1	3100.9	700.0	6.6	-13.7	253.6	20.0	19.2	5.6	310.0	315.9	1.9	21.9	7.2	59.
10.6	36.5	3397.9	675.0	4.2	-15.6	256.5	20.0	19.5	4.7	310.5	315.7	1.7	22.0	8.5	61.
11.8	36.4	3703.5	650.0	1.6	-17.4	257.1	19.8	19.3	4.4	310.9	315.6	1.5	22.7	9.8	64.
12.9	42.2	4017.8	625.0	-1.2	-17.9	256.8	20.3	19.8	4.6	311.3	316.0	1.5	26.7	11.0	65.
14.0	45.2	4341.7	600.0	-3.7	-19.5	250.1	22.9	21.5	7.8	311.9	316.3	1.4	28.1	12.5	66.
15.2	48.3	4676.2	575.0	-6.4	-22.0	251.2	25.0	23.6	8.1	312.7	316.3	1.1	27.5	14.2	67.
16.5	51.1	5021.9	550.0	-9.4	-23.3	254.4	28.9	27.8	7.9	313.1	316.5	1.1	31.1	16.4	68.
17.9	54.3	5380.0	525.0	-11.4	-26.1	256.3	30.4	29.6	7.2	314.8	317.6	0.9	28.3	18.8	68.
19.3	57.4	5752.9	500.0	-13.7	-29.2	258.1	33.0	32.3	6.8	316.3	318.6	0.7	25.6	21.4	70.
20.7	60.7	6140.7	475.0	-15.9	-33.0	257.5	32.0	31.2	6.9	318.3	320.0	0.5	21.2	24.2	71.
22.2	64.3	6547.2	450.0	-17.8	-34.6	256.6	31.6	30.7	7.3	320.9	322.4	0.4	21.3	27.0	71.
23.8	67.7	6971.6	425.0	-21.6	-36.5	255.8	31.9	30.9	7.8	321.3	322.7	0.4	24.5	29.9	72.
25.4	71.2	7415.3	400.0	-25.2	-39.0	257.7	30.6	29.9	6.5	322.3	323.4	0.3	26.0	32.9	72.
27.1	75.0	7880.0	375.0	-29.2	-33.9	259.7	32.5	31.9	5.8	323.0	325.0	0.6	63.4	36.1	73.
28.9	79.2	8369.2	350.0	-33.2	-37.0	255.9	32.9	31.9	8.0	324.0	325.5	0.4	68.0	39.6	73.
30.5	83.0	8885.6	325.0	-37.5	-41.9	254.2	30.9	29.8	8.4	325.0	326.0	0.3	62.6	43.0	73.
32.8	87.2	9432.2	300.0	-42.6	99.9	249.4	32.8	30.7	11.5	325.3	999.9	99.9	999.9	47.5	73.
34.9	91.8	10013.6	275.0	-47.5	99.9	253.0	37.1	35.4	10.8	326.5	999.9	99.9	999.9	51.9	73.
37.2	96.6	10637.1	250.0	-51.8	99.9	258.9	34.2*	33.6	6.6	329.1	999.9	99.9	999.9	56.6	73.
39.5	101.6	11313.1	225.0	-56.2	99.9	259.1	39.2*	38.5	7.4	332.4	999.9	99.9	999.9	61.6	74.
42.0	107.3	12052.8	200.0	-61.1	99.9	259.0	39.4*	38.7	7.5	336.1	999.9	99.9	999.9	67.9	74.
44.9	113.3	12875.7	175.0	-63.9	99.9	261.3	45.3*	44.8	6.9	344.5	999.9	99.9	999.9	73.9	75.
48.3	119.8	13829.8	150.0	-59.8	99.9	261.4	36.9*	36.5	5.5	367.2	999.9	99.9	999.9	82.8	75.
52.1	127.0	14967.9	125.0	-60.4	99.9	264.1	22.8*	22.7	2.3	385.6	999.9	99.9	999.9	89.6	76.
56.7	135.3	16355.4	100.0	-62.1	99.9	258.9	28.4*	27.9	5.5	407.8	999.9	99.9	999.9	97.7	76.
62.6	143.3	18145.1	75.0	-64.5	99.9	265.3	16.9*	16.8	1.4	437.7	999.9	99.9	999.9	101.9	77.
71.0	153.0	20661.7	50.0	-56.8	99.9	251.4	4.8*	-3.7	-3.0	509.8	999.9	99.9	999.9	105.1	78.
83.4	163.0	25102.6	25.0	-50.9	99.9	282.9	4.9	4.8	-1.1	638.2	999.9	99.9	999.9	108.4	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. 363
AMARILLO, TEX

24 APRIL 1975
2015 GMT

152 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	14.7	1095.0	886.6	25.4	-5.0	250.0	5.1	4.8	1.7	309.4	318.4	3.0	13.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	15.7	1210.6	875.0	25.1	-6.1	266.1	4.6	4.6	0.3	310.2	318.6	2.8	12.3	0.2	71.
0.9	18.0	1462.7	850.0	21.8	-6.3	272.1	4.1	4.1	-0.1	309.4	317.9	2.8	14.6	0.3	76.
1.4	20.4	1720.6	825.0	20.1	-7.6	283.1	4.2	4.1	-0.9	310.2	318.1	2.6	14.7	0.4	83.
1.9	22.7	1983.7	800.0	16.8	-8.9	283.2	4.3	4.2	-1.0	309.4	316.8	2.4	16.2	0.5	89.
2.6	25.3	2252.4	775.0	13.8	-8.0	275.2	4.6	4.5	-0.4	309.0	317.2	2.7	21.2	0.7	91.
3.5	27.7	2526.7	750.0	10.4	-8.7	286.6	4.4	4.2	-1.3	308.2	316.2	2.6	25.1	0.9	93.
4.4	30.3	2807.4	725.0	7.5	-9.4	300.1	3.9	3.4	-1.9	308.0	315.8	2.6	28.8	1.2	97.
5.6	33.0	3094.7	700.0	4.7	-10.3	300.7	5.0	4.3	-2.6	308.0	315.5	2.5	32.7	1.5	102.
6.8	35.6	3389.8	675.0	2.2	-11.0	293.3	6.4	5.8	-2.5	308.4	315.7	2.4	36.8	1.9	105.
7.8	38.4	3693.3	650.0	-0.2	-13.1	279.6	6.0	5.9	-1.0	309.0	315.6	2.2	37.0	2.3	106.
8.9	41.1	4005.5	625.0	-2.9	-15.7	266.3	6.7	6.7	0.4	309.3	314.9	1.8	36.5	2.7	104.
10.1	44.0	4327.2	600.0	-5.6	-20.8	260.9	9.3	9.2	1.5	309.8	313.6	1.2	28.8	3.2	100.
11.3	47.1	4660.7	575.0	-6.0	-28.0	260.3	12.9	12.7	2.2	313.0	315.2	0.7	15.5	3.9	96.
12.5	50.3	5007.6	550.0	-7.9	-30.3	257.3	15.8	15.4	3.5	314.7	316.6	0.6	14.4	5.0	93.
13.7	53.3	5367.4	525.0	-10.4	-31.0	251.2	18.7	17.7	6.0	315.9	317.8	0.5	16.6	6.1	89.
14.9	56.4	5741.2	500.0	-13.3	-25.5	249.0	22.3	20.8	8.0	316.9	320.1	1.0	36.5	7.6	85.
16.2	59.9	6129.8	475.0	-15.7	-22.1	248.7	28.4	26.5	10.3	318.7	323.1	1.4	57.6	9.3	82.
17.6	63.3	6535.3	450.0	-18.8	-24.7	244.6	30.2	27.3	13.0	319.6	323.4	1.1	59.4	11.9	79.
19.1	66.9	6952.8	425.0	-22.1	-27.7	243.3	30.3	27.1	13.6	320.7	323.8	0.9	60.4	14.6	76.
20.5	70.6	7401.7	400.0	-25.8	-31.0	241.2	32.3	28.3	15.6	321.5	323.9	0.7	61.6	17.2	74.
22.1	74.5	7866.2	375.0	-29.2	-36.1	244.3	35.8	32.3	15.5	322.9	324.5	0.5	50.9	20.3	72.
23.9	78.8	8354.9	350.0	-33.6	-39.9	248.0	37.3	34.6	14.0	323.4	324.6	0.3	52.3	24.4	71.
25.6	83.0	8870.1	325.0	-38.1	-44.1	246.4	37.3	34.1	14.9	324.0	324.9	0.2	53.2	27.9	71.
27.2	87.2	9415.8	300.0	-42.8	99.9	245.1	39.1	35.5	16.5	325.1	999.9	99.9	999.9	31.6	70.
29.4	92.2	9994.7	275.0	-46.5	99.9	244.4	41.6	37.5	18.0	327.9	999.9	99.9	999.9	37.0	69.
31.4	97.2	10626.2	250.0	-50.4	99.9	249.2	42.9	40.1	15.2	331.1	999.9	99.9	999.9	42.2	69.
33.6	102.5	11306.6	225.0	-54.7	99.9	258.8	44.2	43.4	8.6	334.7	999.9	99.9	999.9	47.1	70.
35.1	108.5	12053.1	200.0	-58.8	99.9	254.3	30.6	29.4	8.2	339.6	999.9	99.9	999.9	52.3	70.
38.9	114.8	12886.3	175.0	-59.4	99.9	259.9	31.1	30.6	5.4	351.8	999.9	99.9	999.9	59.7	71.
42.1	121.7	13854.5	150.0	-57.9	99.9	261.0	33.0	32.6	5.2	370.3	999.9	99.9	999.9	68.7	72.
46.0	129.3	15001.7	125.0	-58.8	99.9	261.4	25.1	24.8	3.8	388.6	999.9	99.9	999.9	74.0	72.
50.4	137.3	16356.2	100.0	-61.7	99.9	256.7	26.1	25.4	6.0	408.5	999.9	99.9	999.9	81.2	73.
55.6	145.0	18173.9	75.0	-60.8	99.9	268.1	27.5	27.5	0.9	445.6	999.9	99.9	999.9	90.1	74.
63.3	154.0	20693.5	50.0	-57.3	99.9	123.5	6.3	-5.3	3.5	508.4	999.9	99.9	999.9	92.6	74.
75.2	163.0	25161.7	25.0	-49.2	99.9	265.6	14.5	14.5	1.1	643.2	999.9	99.9	999.9	97.5	74.

* BY SPEED MEANS ELEVATION 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. 402
WALLOPS ISLAND, VA

24 APRIL 1975
2055 GMT

136 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	4.0	1012.2	14.4	10.6	999.9	99.9	99.9	99.9	287.6	308.2	8.0	78.0	999.9	999.
0.4	5.9	107.4	1000.0	17.8	12.2	999.9	99.9	99.9	99.9	292.2	315.8	9.0	69.7	999.9	999.
1.3	8.0	325.7	975.0	21.1	12.9	999.9	99.9	99.9	99.9	297.7	323.4	9.6	59.4	999.9	999.
2.3	10.1	550.1	950.0	19.2	11.7	999.9	99.9	99.9	99.9	297.9	322.4	9.1	61.6	999.9	999.
3.2	12.2	778.9	925.0	17.1	10.5	999.9	99.9	99.9	99.9	298.0	321.2	8.7	65.0	999.9	999.
4.1	14.4	1012.4	900.0	15.3	9.7	999.9	99.9	99.9	99.9	298.5	321.2	8.5	69.1	999.9	999.
5.1	16.5	1250.9	875.0	13.5	8.8	999.9	99.9	99.9	99.9	298.9	321.0	8.2	72.9	999.9	999.
6.3	18.8	1454.8	850.0	12.1	7.0	999.9	99.9	99.9	99.9	299.8	320.1	7.4	71.3	999.9	999.
7.3	21.0	1745.3	825.0	12.9	3.9	999.9	99.9	99.9	99.9	303.0	320.3	6.2	54.2	999.9	999.
8.2	23.4	2003.8	800.0	11.8	3.0	999.9	99.9	99.9	99.9	304.6	321.4	6.0	54.7	999.9	999.
9.1	25.7	2268.9	775.0	9.6	2.2	999.9	99.9	99.9	99.9	304.9	321.3	5.8	59.7	999.9	999.
10.2	28.1	2540.2	750.0	7.3	1.3	999.9	99.9	99.9	99.9	305.2	321.2	5.6	65.5	999.9	999.
11.4	30.7	2818.6	725.0	5.0	1.8	999.9	99.9	99.9	99.9	305.8	322.8	6.0	79.4	999.9	999.
12.6	33.3	3104.2	700.0	2.5	1.7	999.9	99.9	99.9	99.9	306.0	323.6	6.2	94.4	999.9	999.
13.8	35.3	3397.6	675.0	-0.1	-0.8	999.9	99.9	99.9	99.9	306.2	321.6	5.4	95.1	999.9	999.
15.1	38.6	3699.3	650.0	-0.7	-2.5	999.9	99.9	99.9	99.9	308.8	323.0	4.9	87.4	999.9	999.
16.3	41.1	4012.3	625.0	-2.5	-4.0	999.9	99.9	99.9	99.9	310.2	323.5	4.6	89.2	999.9	999.
17.6	44.0	4335.1	600.0	-4.8	-6.3	999.9	99.9	99.9	99.9	311.0	322.8	4.0	89.1	999.9	999.
18.8	47.0	4669.4	575.0	-6.5	-7.8	999.9	99.9	99.9	99.9	312.8	324.0	3.7	90.3	999.9	999.
20.0	50.0	5015.8	550.0	-8.7	-11.8	999.9	99.9	99.9	99.9	314.1	322.8	2.8	78.3	999.9	999.
21.4	52.9	5375.3	525.0	-10.7	-20.0	999.9	99.9	99.9	99.9	315.8	320.5	1.5	46.2	999.9	999.
23.0	55.9	5749.7	500.0	-12.2	-21.6	999.9	99.9	99.9	99.9	318.3	322.7	1.4	45.4	999.9	999.
24.5	59.3	6139.8	475.0	-14.7	-40.4	999.9	99.9	99.9	99.9	319.7	320.6	0.2	9.0	999.9	999.
25.9	62.6	6546.6	450.0	-18.1	-41.0	999.9	99.9	99.9	99.9	320.5	321.3	0.2	11.3	999.9	999.
27.4	66.0	6970.6	425.0	-21.3	-39.3	999.9	99.9	99.9	99.9	321.6	322.7	0.3	17.8	999.9	999.
29.0	69.7	7414.8	400.0	-25.1	-30.6	999.9	99.9	99.9	99.9	322.4	325.0	0.7	59.7	999.9	999.
30.8	73.3	7880.6	375.0	-28.5	-41.8	999.9	99.9	99.9	99.9	323.8	324.7	0.3	26.5	999.9	999.
32.8	77.3	8371.1	350.0	-32.1	-42.7	999.9	99.9	99.9	99.9	325.4	326.3	0.3	34.6	999.9	999.
35.0	81.3	8890.7	325.0	-35.9	-47.9	999.9	99.9	99.9	99.9	327.1	327.7	0.1	27.6	999.9	999.
36.9	85.6	9441.7	300.0	-40.7	99.9	999.9	99.9	99.9	99.9	328.0	999.9	99.9	999.9	999.9	999.
38.8	90.2	10027.6	275.0	-45.6	99.9	999.9	99.9	99.9	99.9	329.2	999.9	99.9	999.9	999.9	999.
40.8	95.2	10654.5	250.0	-51.4	99.9	999.9	99.9	99.9	99.9	329.7	999.9	99.9	999.9	999.9	999.
43.1	100.2	11328.9	225.0	-57.7	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	999.9	999.9	999.
45.7	105.8	12061.1	200.0	-64.2	99.9	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.
48.5	111.7	12874.1	175.0	-65.7	99.9	999.9	99.9	99.9	99.9	341.5	999.9	99.9	999.9	999.9	999.
51.6	118.0	13903.2	150.0	-63.2	99.9	999.9	99.9	99.9	99.9	341.3	999.9	99.9	999.9	999.9	999.
55.6	125.3	14941.4	125.0	-59.7	99.9	999.9	99.9	99.9	99.9	387.0	999.9	99.9	999.9	999.9	999.
60.2	133.0	16330.7	100.0	-60.9	99.9	999.9	99.9	99.9	99.9	410.0	999.9	99.9	999.9	999.9	999.
66.1	140.7	18090.9	75.0	-66.3	99.9	999.9	99.9	99.9	99.9	433.9	999.9	99.9	999.9	999.9	999.
74.3	148.3	20616.3	50.0	-59.4	99.9	999.9	99.9	99.9	99.9	503.7	999.9	99.9	999.9	999.9	999.
87.2	156.3	25047.8	25.0	-52.2	99.9	999.9	99.9	99.9	99.9	635.1	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION 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. 405
STERLING, VA

24 APRIL 1975
2015 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	85.0	999.1	23.9	12.5	220.0	6.2	4.0	4.7	298.4	323.1	9.2	49.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.7	8.7	298.5	975.0	23.0	12.0	204.3	12.7	5.2	11.5	299.5	324.1	9.1	50.0	0.4	28.0
1.4	10.9	524.3	950.0	21.0	11.1	208.3	13.7	6.5	12.0	299.7	323.6	8.8	53.1	0.9	27.0
2.0	13.4	754.5	925.0	18.9	10.4	211.1	14.2	7.4	12.2	299.8	323.2	8.6	57.9	1.5	28.0
2.8	15.8	989.3	900.0	17.0	9.7	215.8	15.5	9.0	12.5	300.1	323.1	8.5	62.4	2.2	30.0
3.6	18.3	1228.9	875.0	14.6	9.2	219.1	16.8	10.6	13.1	300.1	323.0	8.4	69.9	2.9	32.0
4.5	20.3	1473.6	850.0	12.8	8.5	228.3	15.7	11.7	10.4	300.6	323.0	8.2	75.1	3.8	34.0
5.3	23.3	1724.0	825.0	11.0	7.2	236.9	15.2	12.8	8.3	301.2	322.6	7.8	77.6	4.5	38.0
6.2	25.9	1980.5	800.0	9.6	6.7	242.9	17.6	15.7	8.0	302.4	323.7	7.7	81.9	5.3	41.0
6.9	28.6	2243.8	775.0	7.7	5.6	250.4	19.6	18.5	6.6	303.1	323.5	7.4	86.3	6.0	44.0
7.7	31.3	2513.8	750.0	5.9	4.9	256.2	22.2	21.6	5.3	304.0	324.2	7.3	92.7	6.9	48.0
8.5	34.2	2791.3	725.0	4.9	3.2	258.0	23.9	23.4	5.0	305.7	324.5	6.7	88.3	7.9	52.0
9.4	36.9	3077.8	700.0	4.0	0.5	257.3	23.8	23.3	5.2	307.7	324.1	5.7	78.0	9.1	56.0
10.4	39.9	3372.7	675.0	1.4	-1.0	256.3	23.1	22.4	5.5	307.9	323.2	5.3	83.8	10.3	59.0
11.4	42.6	3675.9	650.0	-0.9	-2.0	255.7	25.0	24.2	6.2	308.5	323.3	5.1	92.5	11.8	61.0
12.4	45.5	3988.6	625.0	-2.3	-3.2	258.6	24.8	24.3	4.9	310.4	324.5	4.8	93.4	13.3	63.0
13.4	48.3	4312.4	600.0	-4.0	-4.9	257.0	25.6	25.0	5.7	312.1	325.2	4.4	93.1	14.7	64.0
14.3	51.7	4647.6	575.0	-6.0	-7.2	255.1	27.8	26.9	7.1	313.4	325.0	3.9	91.7	16.1	65.0
15.4	55.0	4993.8	550.0	-9.1	-11.2	253.7	26.9	25.9	7.6	313.6	322.6	2.9	84.8	18.0	68.0
16.4	58.0	5353.1	525.0	-10.9	-12.0	254.9	29.2	28.2	7.6	315.7	324.6	2.9	91.1	19.6	67.0
17.5	61.5	5726.8	500.0	-13.6	-16.8	256.5	30.3	29.4	7.1	316.6	323.2	2.1	77.2	21.6	68.0
18.7	65.0	6114.5	475.0	-15.7	-19.6	261.8	26.1	25.9	3.7	318.8	324.2	1.7	71.4	23.6	69.0
19.9	68.3	6522.0	450.0	-17.3	-21.3	265.2	23.1	23.0	1.9	321.6	326.7	1.5	70.5	25.4	70.0
21.1	71.3	6948.1	425.0	-20.4	-24.7	263.6	20.0	19.9	2.2	322.9	327.0	1.2	68.3	26.8	70.0
22.4	75.7	7394.3	400.0	-23.7	-27.9	265.9	22.4	22.4	1.6	324.2	327.5	1.0	68.2	28.4	71.0
23.8	79.7	7862.9	375.0	-27.2	-31.5	267.3	23.4	23.4	1.1	325.6	328.1	0.7	66.4	30.2	72.0
25.4	83.6	8356.0	350.0	-31.1	-36.6	270.5	29.4	29.4	-0.2	326.8	328.5	0.5	57.8	32.9	73.0
27.1	87.7	8876.9	325.0	-35.4	-41.7	274.5	27.8	27.7	-2.2	327.8	328.9	0.3	52.2	35.3	75.0
28.8	92.2	9428.5	300.0	-40.4	99.9	273.3	27.0	27.0	-1.5	328.5	999.9	99.9	999.9	38.0	76.0
30.6	96.4	10015.5	275.0	-45.5	99.9	274.3	26.7	26.6	-2.0	329.3	999.9	99.9	999.9	40.9	78.0
32.6	101.4	10643.3	250.0	-51.2	99.9	276.9	24.5	24.3	-2.9	330.0	999.9	99.9	999.9	44.0	79.0
34.8	106.5	11319.2	225.0	-57.1	99.9	278.6	25.9	25.7	-3.0	331.0	999.9	99.9	999.9	47.3	80.0
37.3	112.0	12052.5	200.0	-63.9	99.9	278.3	34.3	33.9	-5.0	331.6	999.9	99.9	999.9	51.3	82.0
40.2	118.0	12958.4	175.0	-70.3	99.9	286.5	35.6	34.1	-10.1	334.0	999.9	99.9	999.9	57.0	84.0
43.4	124.3	13800.5	150.0	-62.9	99.9	267.0	21.3	21.3	1.1	361.7	999.9	99.9	999.9	61.1	85.0
47.6	131.0	14930.1	125.0	-59.3	99.9	276.7	34.0	33.8	-4.0	387.6	999.9	99.9	999.9	68.1	86.0
52.9	138.8	16333.0	100.0	-59.1	99.9	291.9	15.8	14.7	-5.9	413.5	999.9	99.9	999.9	76.0	88.0
59.3	147.0	18107.3	75.0	-66.6	99.9	304.3	13.0	10.7	-7.3	433.2	999.9	99.9	999.9	79.0	89.0
67.0	155.7	20625.7	50.0	-58.6	99.9	349.8	4.4	0.8	-4.4	505.5	999.9	99.9	999.9	81.0	90.0
79.7	165.7	25049.5	25.0	-52.0	99.9	324.4	4.8	2.4	-3.9	635.6	999.9	99.9	999.9	81.5	91.0

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

STATION NO. 425
HUNTINGTON, WVA

24 APRIL 1975
2040 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	246.0	982.1	17.2	15.5	230.0	4.1	3.1	2.6	293.4	323.0	11.4	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	7.9	308.2	975.0	17.0	15.2	240.1	11.4	9.9	5.7	293.8	323.0	11.2	88.8	0.2	49.
0.8	10.1	530.1	950.0	16.1	12.3	240.6	14.0	12.2	6.9	294.8	319.9	9.5	78.2	0.5	62.
1.3	12.1	758.2	925.0	17.8	12.8	241.1	15.9	13.9	7.7	298.9	325.9	10.1	72.3	0.9	61.
2.0	14.3	992.7	900.0	16.5	10.8	253.7	23.7	22.7	6.7	299.7	324.2	9.1	69.0	1.6	62.
2.6	16.4	1232.4	875.0	15.0	9.3	256.0	26.9	26.1	6.5	300.5	323.5	8.5	68.9	2.7	69.
3.2	18.6	1477.5	850.0	13.2	8.7	251.6	23.9	22.7	7.5	301.1	324.0	8.4	74.3	3.5	69.
4.0	20.9	1728.1	825.0	11.2	9.2	255.5	24.3	23.5	6.1	301.6	325.9	8.9	87.7	4.6	70.
4.7	23.2	1924.9	800.0	9.3	7.0	258.4	25.6	25.1	5.2	302.1	323.9	7.9	85.6	5.8	72.
5.3	25.5	2248.1	775.0	7.4	6.2	258.9	25.2	24.8	4.8	302.8	324.1	7.7	92.4	6.7	73.
6.1	28.0	2517.8	750.0	5.9	4.7	261.0	24.4	24.1	3.8	303.9	323.9	7.2	92.0	7.7	74.
6.8	30.5	2795.4	725.0	4.4	2.0	262.7	25.1	24.9	3.2	305.0	322.3	6.1	84.6	8.9	75.
7.7	33.1	3080.8	700.0	2.8	0.6	264.8	25.7	25.6	2.3	306.4	322.7	5.7	85.4	10.2	76.
8.5	35.6	3375.5	675.0	1.6	0.2	266.4	25.5	25.5	1.4	308.2	324.7	5.8	90.1	11.4	77.
9.3	38.2	3679.0	650.0	-0.3	-1.5	269.9	24.7	24.7	0.1	309.2	324.5	5.3	91.5	12.6	78.
10.1	40.8	3992.5	625.0	-1.9	-3.7	272.9	24.8	24.7	-1.3	310.9	324.6	4.7	87.5	13.8	79.
11.0	43.6	4316.6	600.0	-3.9	-5.5	273.3	25.8	25.7	-1.5	312.2	324.8	4.2	88.6	15.1	81.
11.9	46.4	4651.9	575.0	-5.6	-7.1	272.2	27.2	27.2	-1.1	313.9	325.6	3.9	88.7	16.4	82.
12.9	49.4	4999.8	550.0	-7.6	-9.3	272.2	28.0	28.0	-1.1	315.5	326.0	3.4	87.1	18.1	82.
13.7	52.1	5361.1	525.0	-9.6	-11.5	272.5	28.5	28.5	-1.3	317.3	326.6	3.0	85.5	19.4	83.
14.7	55.2	5736.9	500.0	-11.8	-14.0	271.9	28.7	28.7	-1.0	318.9	327.0	2.6	83.5	21.1	84.
15.7	58.3	6128.4	475.0	-14.2	-16.7	270.8	27.4	27.4	-0.4	320.6	327.5	2.2	81.3	22.7	85.
16.7	61.6	6537.1	450.0	-16.6	-19.4	268.7	27.9	27.9	0.6	322.5	328.4	1.8	78.9	24.4	85.
17.4	65.0	6964.3	425.0	-19.4	-22.4	261.4	26.9	26.6	4.0	324.2	329.2	1.5	76.9	26.7	85.
18.8	68.3	7412.9	400.0	-22.6	-26.2	256.4	26.9	26.1	6.3	325.6	329.4	1.1	72.5	27.8	85.
19.9	71.7	7882.9	375.0	-26.4	-29.4	256.3	25.7	25.0	6.1	326.7	329.7	0.9	75.4	29.7	84.
21.0	75.5	8378.1	350.0	-30.2	-34.6	256.6	27.8	27.0	6.4	328.1	330.1	0.6	65.0	31.4	84.
22.2	79.3	8901.3	325.0	-34.3	-39.2	255.0	27.3	26.4	7.1	329.3	330.7	0.4	60.5	33.3	83.
23.5	83.2	9455.5	300.0	-39.1	-43.7	251.7	27.3	25.9	8.6	330.2	331.1	0.3	61.0	35.4	83.
24.9	87.4	10046.7	275.0	-43.6	99.9	246.7	26.3	24.2	10.4	332.0	999.9	99.9	99.9	37.8	82.
26.7	92.0	10678.6	250.0	-49.6	99.9	246.9	28.1	25.8	11.0	332.3	999.9	99.9	99.9	40.5	81.
28.1	96.9	11358.2	225.0	-56.1	99.9	241.7	24.9	21.9	11.8	332.5	999.9	99.9	99.9	42.6	80.
29.8	101.8	12094.6	200.0	-62.9	99.9	250.7	24.3	22.9	8.0	333.1	999.9	99.9	99.9	44.8	79.
31.8	107.4	12905.2	175.0	-67.5	99.9	999.9	99.9	99.9	99.9	338.6	999.9	99.9	99.9	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	99.9	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	99.9	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	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.

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

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
2015 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.2	298.0	975.0	18.5	15.9	205.0	1.5	0.6	1.4	295.3	326.2	11.8	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.
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	10.2	520.6	950.0	16.7	12.6	999.9	99.9	99.9	99.9	295.5	321.1	9.7	76.5	999.9	999.
1.5	12.4	747.8	925.0	15.4	12.0	999.9	99.9	99.9	99.9	296.4	321.9	9.6	80.3	999.9	999.
2.4	14.7	979.7	900.0	13.0	11.4	292.3	7.0	6.5	-2.6	296.1	321.3	9.5	90.3	0.8	100.
3.4	16.5	1216.4	875.0	11.3	9.6	294.5	8.7	7.9	-3.6	296.7	319.8	8.6	89.5	1.2	105.
4.2	19.0	1458.5	850.0	10.4	6.8	295.2	9.0	8.2	-3.8	298.0	317.9	7.3	78.2	1.7	108.
5.3	21.3	1706.8	825.0	8.6	5.5	290.0	9.5	8.9	-3.3	298.6	317.4	6.9	80.8	2.3	109.
6.2	23.6	1961.1	800.0	7.1	5.1	293.9	5.4	4.9	-2.2	299.7	318.6	6.9	86.8	2.7	109.
7.2	25.9	2221.9	775.0	5.3	4.3	302.8	5.0	4.2	-2.7	300.3	318.9	6.8	93.6	3.0	110.
8.3	28.4	2489.5	750.0	3.8	0.7	314.5	6.0	4.3	-4.2	301.4	316.6	5.4	80.4	3.3	112.
9.3	31.0	2764.8	725.0	2.5	-1.8	318.1	7.3	4.8	-5.4	302.8	316.0	4.6	73.2	3.7	115.
10.3	33.6	3048.4	700.0	1.3	-3.2	318.2	6.2	4.1	-4.6	304.5	316.9	4.3	71.8	4.1	117.
11.3	36.0	3340.7	675.0	-0.3	-5.6	310.4	5.8	4.4	-3.8	305.8	316.7	3.7	67.2	4.4	119.
12.3	38.7	3642.1	650.0	-2.1	-6.9	278.1	8.4	8.3	-1.2	307.1	317.4	3.5	69.3	4.8	119.
13.4	41.3	3953.2	625.0	-3.4	-6.9	259.6	15.3	15.1	2.8	309.0	319.9	3.7	76.9	5.4	115.
14.4	44.1	4275.9	600.0	-4.4	-7.0	256.0	20.4	19.8	4.9	311.4	322.7	3.8	82.5	6.4	108.
15.7	47.3	4610.1	575.0	-6.8	-9.0	256.3	23.4	22.7	5.5	312.5	323.4	3.6	90.9	7.8	102.
17.0	50.0	4956.3	550.0	-9.0	-11.2	256.6	24.4	23.9	5.7	313.8	322.8	3.0	84.1	9.6	97.
18.1	52.9	5315.6	525.0	-10.5	-19.0	260.2	27.3	26.9	4.6	315.9	321.1	1.6	49.9	11.3	94.
19.2	55.9	5691.2	500.0	-11.0	-35.8	266.9	27.0	27.0	1.5	319.6	320.9	0.4	11.1	13.0	92.
20.6	59.0	6082.8	475.0	-14.0	-50.2	272.0	27.0	27.0	-0.9	320.6	320.9	0.1	2.9	15.3	92.
22.1	62.3	6491.0	450.0	-16.9	-48.0	273.4	26.8	26.8	-1.6	321.9	322.3	0.1	4.7	17.7	92.
23.7	65.7	6917.9	425.0	-20.3	-39.5	268.2	29.1	29.1	0.9	323.0	324.0	0.3	16.1	20.4	92.
25.5	69.1	7363.8	400.0	-23.6	-33.6	263.0	31.3	31.1	3.8	324.3	326.3	0.6	39.1	23.5	91.
27.1	72.5	7832.7	375.0	-26.9	-40.2	259.4	28.7	28.2	5.3	325.9	327.0	0.3	26.8	26.5	90.
28.8	76.3	8326.3	350.0	-30.8	-41.3	256.4	30.8	29.9	7.2	327.2	328.3	0.3	35.4	29.5	89.
30.5	80.3	8847.7	325.0	-35.3	-42.7	253.1	33.8	32.3	9.8	328.0	329.0	0.3	46.2	32.7	87.
32.4	84.3	9400.5	300.0	-39.3	-48.8	250.1	35.0	32.9	11.9	329.9	330.5	0.1	35.1	36.5	86.
34.5	88.6	9990.0	275.0	-44.4	99.9	244.2	34.8	31.3	15.1	330.9	999.9	99.9	999.9	40.8	84.
36.7	93.2	10621.2	250.0	-49.6	99.9	239.4	33.8	29.1	17.2	332.3	999.9	99.9	999.9	44.5	82.
39.3	98.0	11302.8	225.0	-55.0	99.9	229.4	29.4	22.3	19.1	334.2	999.9	99.9	999.9	49.4	79.
41.8	103.2	12044.7	200.0	-61.1	99.9	241.9	34.0	30.0	16.0	336.1	999.9	99.9	999.9	53.5	77.
44.4	109.0	12864.2	175.0	-64.3	99.9	265.5	30.2	30.1	2.4	343.9	999.9	99.9	999.9	58.6	77.
47.6	115.2	13803.4	150.0	-64.3	99.9	266.5	27.6	27.0	1.7	359.4	999.9	99.9	999.9	64.1	77.
51.4	122.0	14941.6	125.0	-56.2	99.9	265.9	29.4	29.3	2.1	393.3	999.9	99.9	999.9	71.1	78.
56.0	129.3	16349.7	100.0	-58.8	99.9	266.4	23.7	23.7	1.5	414.1	999.9	99.9	999.9	78.4	79.
61.8	137.3	18146.6	75.0	-60.8	99.9	269.5	5.9	5.9	0.1	445.4	999.9	99.9	999.9	83.7	79.
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

5/24

STATION NO. 433
SALEM, ILL

24 APRIL 1975
2033 GMT

158 28. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	991.0	23.7	14.4	110.0	3.1	-2.9	1.1	296.0	323.6	10.5	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	99.9	99.9	999.9	999.9	999.
0.5	6.6	315.6	975.0	19.3	11.2	208.0	1.3	0.6	1.2	295.7	318.7	8.6	59.5	0.1	292.
1.2	8.8	538.5	950.0	17.3	10.9	106.3	0.4	-0.4	0.1	295.9	318.9	8.7	66.3	0.1	316.
2.1	10.8	765.8	925.0	15.4	10.0	20.4	1.1	-0.4	-1.0	296.2	318.6	8.4	70.2	0.1	292.
2.8	13.0	957.8	900.0	13.9	8.0	12.2	3.3	-0.7	-3.2	296.8	317.1	7.5	67.8	0.1	254.
3.6	15.2	1234.8	875.0	11.6	6.2	358.7	5.1	0.1	-5.1	296.7	315.3	6.8	69.5	0.3	214.
4.3	17.4	1477.2	850.0	11.0	4.5	323.9	5.1	3.0	-4.1	298.5	315.9	6.4	65.6	0.5	193.
5.2	19.7	1726.3	825.0	10.2	2.5	285.4	7.7	7.3	-2.6	300.1	315.6	5.6	58.7	0.6	166.
6.0	21.9	1982.1	800.0	9.8	0.7	278.9	12.6	12.5	-2.0	302.3	316.6	5.1	53.1	1.0	140.
6.9	24.3	2245.7	775.0	9.0	-1.3	272.9	18.7	18.7	-1.0	304.0	317.0	4.5	48.6	1.7	119.
7.7	26.6	2517.1	750.0	8.6	-6.7	271.3	21.9	21.9	-0.5	306.3	315.5	3.1	33.0	2.7	108.
8.6	29.1	2766.8	725.0	7.4	-14.0	272.4	22.5	22.5	-1.1	307.8	313.3	1.8	20.0	3.9	103.
9.6	31.7	3084.6	700.0	5.8	-16.8	274.4	23.7	23.6	-1.8	309.1	313.7	1.5	17.8	5.2	101.
10.6	34.3	3361.1	675.0	3.8	-18.0	274.0	25.7	25.7	-1.8	310.1	314.4	1.4	18.4	6.7	99.
11.5	36.8	3686.1	650.0	1.0	-20.2	274.3	25.4	25.4	-1.9	310.2	314.0	1.2	18.7	8.2	98.
12.5	39.6	3999.9	625.0	-1.4	-21.6	275.5	24.3	24.2	-2.4	310.9	314.4	1.1	19.6	9.6	98.
13.6	42.2	4323.4	600.0	-4.2	-23.1	276.9	24.4	24.2	-2.9	311.3	314.5	1.0	21.2	11.1	98.
14.4	45.1	4656.9	575.0	-7.3	-23.2	277.5	24.6	24.4	-3.2	311.5	314.8	1.0	26.7	12.4	77.
15.5	48.0	5001.3	550.0	-9.7	-22.0	278.7	25.9	25.6	-3.9	312.7	316.5	1.2	35.5	14.0	98.
16.7	50.9	5360.8	525.0	-10.2	-31.3	275.5	26.6	26.2	-4.4	316.2	318.0	0.5	15.8	15.9	98.
17.9	54.0	5734.3	500.0	-12.8	-36.9	275.3	30.2	30.0	-2.8	317.4	318.5	0.3	11.1	17.9	98.
19.3	57.0	6124.5	475.0	-14.9	-35.4	265.7	33.8	33.7	2.5	319.5	320.9	0.4	15.3	20.6	97.
20.6	60.4	6531.0	450.0	-18.5	-36.2	264.0	34.8	34.6	3.6	320.0	321.3	0.4	19.1	23.3	95.
22.0	64.0	6954.0	425.0	-22.5	-39.8	265.3	36.3	36.2	3.0	320.1	321.1	0.3	18.9	26.1	94.
23.4	67.3	7395.8	400.0	-26.4	-39.5	263.0	35.2	34.9	4.3	320.7	321.9	0.3	31.4	29.1	93.
24.7	70.9	7859.4	375.0	-29.5	-36.1	262.4	33.3	33.1	4.1	322.5	324.1	0.5	52.5	31.9	92.
26.4	74.7	8348.3	350.0	-33.2	-40.0	268.8	38.5	38.5	0.8	323.9	325.1	0.3	49.9	35.1	92.
28.0	78.8	8864.6	325.0	-37.2	-43.8	269.0	39.8	39.8	0.7	325.3	326.2	0.2	49.9	39.0	91.
29.7	83.0	9411.9	300.0	-42.4	99.9	266.8	41.1	41.0	2.3	325.7	999.9	99.9	999.9	43.3	91.
31.7	87.2	9994.8	275.0	-46.7	99.9	264.9	42.8	42.6	3.8	327.5	999.9	99.9	999.9	48.3	91.
33.8	92.0	10621.1	250.0	-51.0	99.9	266.8	40.5	40.4	2.3	330.2	999.9	99.9	999.9	53.2	90.
36.2	97.0	11300.4	225.0	-55.4	99.9	262.2	38.9	38.6	5.3	333.6	999.9	99.9	999.9	58.7	89.
38.8	102.5	12043.5	200.0	-60.2	99.9	254.3	39.3*	37.8	10.6	337.4	999.9	99.9	999.9	65.0	88.
41.6	108.5	12868.4	175.0	-63.5	99.9	253.4	32.6*	31.3	9.3	345.1	999.9	99.9	999.9	70.7	87.
44.7	115.0	13824.5	150.0	-58.2	99.9	267.7	30.3*	30.3	1.2	369.7	999.9	99.9	999.9	77.7	86.
48.8	122.7	14969.7	125.0	-59.1	99.9	257.4	27.3*	26.6	6.0	388.0	999.9	99.9	999.9	83.9	86.
53.5	131.0	16368.5	100.0	-57.6	99.9	283.0	17.9*	17.4	-4.0	416.5	999.9	99.9	999.9	92.5	86.
59.4	140.5	18159.7	75.0	-61.2	99.9	259.4	12.7*	12.5	2.3	444.5	999.9	99.9	999.9	97.3	86.
67.5	151.5	20699.6	50.0	-57.2	99.9	282.1	1.7	1.7	-0.4	508.7	999.9	99.9	999.9	101.0	86.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

282

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
2015 GMT

156 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	920.4	21.7	12.0	20.0	8.2	-2.8	-7.7	303.2	329.6	9.6	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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.
0.9	15.7	924.1	900.0	17.9	9.9	20.3	11.2	-3.9	-10.5	301.1	324.4	8.5	59.4	0.5	198.
1.8	18.1	1224.1	875.0	15.1	8.8	23.3	8.3	-3.3	-7.6	300.5	322.8	8.2	66.3	1.2	271.
3.0	20.6	1469.4	850.0	13.3	9.4	28.1	9.9	-4.7	-8.7	301.2	325.0	8.7	77.2	1.7	203.
3.9	23.2	1720.1	825.0	11.0	9.2	27.5	9.1	-4.2	-8.0	301.5	325.8	8.9	88.6	2.3	204.
4.8	25.7	1976.9	800.0	9.4	8.4	45.9	5.5	-4.2	-3.6	302.3	326.1	8.7	93.1	2.7	205.
5.7	28.3	2240.2	775.0	7.8	6.9	74.1	5.7	-5.5	-1.6	303.3	325.6	8.1	93.8	2.9	209.
6.6	31.2	2510.3	750.0	5.8	3.2	121.6	1.9	-1.7	1.0	303.8	322.3	6.6	84.6	3.0	213.
7.8	34.0	2767.3	725.0	6.2	-5.2	219.2	5.0	3.2	3.9	306.8	317.3	3.6	43.5	2.8	213.
9.0	36.7	3074.0	700.0	4.3	-22.8	226.3	7.1	5.1	4.9	307.4	310.2	0.9	11.7	2.4	211.
9.9	39.6	3368.4	675.0	1.8	-23.7	231.6	7.0	5.5	4.3	307.7	310.4	0.8	13.0	2.0	208.
11.1	42.3	3671.4	650.0	-0.4	-24.5	234.4	7.4	7.1	2.0	308.6	311.2	0.8	14.0	1.6	198.
12.3	45.3	3983.3	625.0	-3.3	-23.5	250.0	9.5	8.9	3.2	308.8	311.8	0.9	19.0	1.4	175.
13.5	48.4	4304.6	600.0	-5.8	-21.5	252.1	9.7	9.2	3.0	309.6	313.2	1.1	27.6	1.3	144.
14.9	51.4	4636.4	575.0	-8.5	-20.0	270.1	14.3	14.3	-0.0	310.2	314.4	1.4	38.8	1.9	120.
16.2	54.6	4979.6	550.0	-11.1	-25.8	261.2	11.5	11.4	1.8	310.9	313.7	0.9	28.7	3.2	109.
17.6	57.8	5335.5	525.0	-12.8	-38.4	251.1	14.8	14.0	4.8	313.0	313.9	0.3	9.6	3.8	100.
19.2	61.1	5705.8	500.0	-15.4	-37.5	257.9	17.6	17.2	3.7	314.3	315.3	0.7	13.0	5.3	93.
20.6	64.6	6091.6	475.0	-17.8	-43.2	263.6	19.0	18.8	2.1	316.0	316.6	0.2	8.7	6.9	90.
22.1	68.0	6493.5	450.0	-21.0	-48.0	263.5	18.8	18.7	2.1	316.8	317.2	0.1	6.7	8.5	89.
23.5	71.4	6912.5	425.0	-24.9	-55.1	265.8	18.7	18.6	1.4	317.1	317.3	0.1	4.3	10.1	88.
25.1	75.3	7350.1	400.0	-28.5	-68.2	268.3	19.1	19.1	0.6	317.9	317.9	0.0	1.0	11.9	85.
26.7	79.3	7808.7	375.0	-32.6	-70.9	259.3	22.7	22.3	4.2	318.4	318.5	0.0	1.0	13.9	85.
28.4	83.0	8292.2	350.0	-35.5	-72.4	253.5	29.4	28.2	8.4	320.8	320.8	0.0	1.1	16.4	86.
30.3	87.2	8803.6	325.0	-39.8	99.9	247.1	33.6	30.9	13.1	321.8	999.9	99.9	999.9	20.0	83.
32.1	91.5	9346.0	300.0	-43.9	99.9	244.9	37.8	34.2	16.1	323.5	999.9	99.9	999.9	23.8	80.
34.3	96.2	9924.4	275.0	-48.3	99.9	238.6	44.4	37.9	23.1	325.3	999.9	99.9	999.9	29.1	77.
36.4	100.8	10545.7	250.0	-52.2	99.9	244.8	49.2	44.5	20.9	328.4	999.9	99.9	999.9	34.6	74.
38.8	106.2	11221.7	225.0	-55.8	99.9	247.2	45.3	41.8	17.6	333.0	999.9	99.9	999.9	41.4	73.
41.1	111.8	11967.7	200.0	-57.2	99.9	246.5	46.0	42.1	18.3	342.2	999.9	99.9	999.9	47.3	72.
43.9	117.8	12815.7	175.0	-55.2	99.9	252.9	33.0	31.6	9.7	358.9	999.9	99.9	999.9	53.5	72.
46.9	124.7	13792.9	150.0	-56.4	99.9	259.0	32.6	32.1	6.2	372.9	999.9	99.9	999.9	59.3	72.
50.3	131.7	14548.4	125.0	-56.7	99.9	260.0	31.2	30.8	5.4	392.3	999.9	99.9	999.9	65.8	73.
54.7	139.5	16362.9	100.0	-57.7	99.9	241.4	21.7	19.1	10.4	416.2	999.9	99.9	999.9	72.2	73.
60.1	147.5	19167.6	75.0	-57.5	99.9	267.5	12.7	12.7	0.6	452.4	999.9	99.9	999.9	79.3	73.
67.6	156.7	20715.4	50.0	-56.1	99.9	281.0	8.9	8.8	-1.7	511.3	999.9	99.9	999.9	83.6	74.
80.0	166.7	25212.5	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	642.6	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

288

STATION NO. 456
TOPEKA, KAN

24 APRIL 1975
2050 GMT

91 214. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	268.0	978.5	20.6	18.4	20.0	2.6	-0.9	-2.4	297.4	333.4	13.7	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	99.9	99.9	99.9	999.9	999.
0.0	6.7	299.1	975.0	20.0	16.9	36.7	3.1	-1.8	-2.5	297.0	330.1	12.6	82.3	0.1	294.
0.8	8.7	522.8	950.0	17.9	14.3	51.0	4.5	-3.5	-2.8	296.9	325.7	10.9	79.5	0.2	222.
1.6	10.6	750.9	925.0	16.0	13.3	50.2	5.5	-4.2	-3.5	297.1	324.8	10.5	84.1	0.4	228.
2.4	12.7	983.7	900.0	14.5	12.4	41.3	2.0	-1.3	-1.5	297.8	324.8	10.1	87.1	0.7	225.
3.1	14.8	1222.5	875.0	14.3	11.1	292.6	0.9	0.8	-0.3	299.9	325.6	9.6	81.4	0.7	220.
3.9	16.8	1467.3	850.0	12.8	8.9	259.9	1.2	1.2	0.2	300.6	323.8	8.5	77.6	0.6	223.
4.6	19.1	1718.1	825.0	11.7	7.3	271.7	2.9	2.9	-0.1	302.0	323.5	7.8	74.1	0.6	217.
5.6	21.1	1975.0	800.0	9.9	4.8	261.3	4.2	4.2	0.6	302.6	321.5	6.8	70.5	0.5	193.
6.5	23.5	2238.9	775.0	8.8	3.0	236.3	3.6	3.0	2.0	304.1	321.3	6.1	66.7	0.4	160.
7.5	25.7	2509.8	750.0	6.6	3.7	999.9	99.9	99.9	99.9	304.6	323.4	6.7	82.0	999.9	999.
8.4	28.0	2797.9	725.0	5.4	2.1	999.9	99.9	99.9	99.9	306.2	323.7	6.2	79.6	999.9	999.
9.3	30.3	3074.5	700.0	3.5	0.1	999.9	99.9	99.9	99.9	307.1	323.0	5.5	78.5	999.9	999.
10.2	33.0	3368.8	675.0	1.2	-2.3	227.9	13.0	9.7	8.7	307.6	321.5	4.8	77.4	2.3	58.
11.1	35.5	3672.1	650.0	-1.0	-4.1	236.8	13.4	11.2	7.4	308.4	321.1	4.4	79.1	3.0	57.
12.2	38.0	3983.9	625.0	-3.4	-5.0	241.2	15.7	13.8	7.6	309.1	321.5	4.2	88.6	3.9	58.
13.3	40.6	4306.8	600.0	-4.7	-11.7	242.1	17.6	15.6	8.3	311.0	319.0	2.6	58.1	5.0	59.
14.5	43.3	4640.1	575.0	-7.4	-17.6	245.4	18.9	17.2	7.9	311.5	316.7	1.7	43.6	6.4	60.
15.7	46.2	4985.1	550.0	-9.2	-24.3	253.0	19.4	18.5	5.7	313.2	316.4	1.0	28.9	7.7	61.
16.5	49.1	5343.2	525.0	-11.6	-25.5	251.9	20.5	19.5	6.4	314.6	317.6	0.9	30.4	9.0	63.
19.0	52.0	5715.3	500.0	-14.3	-22.8	245.8	20.6	18.8	8.4	315.7	319.6	1.2	48.1	10.5	64.
19.2	55.1	6102.8	475.0	-17.0	-27.2	239.8	17.9	15.5	9.0	316.9	319.8	0.9	40.8	11.9	64.
20.5	58.1	6505.9	450.0	-20.3	-32.0	242.3	19.0	16.8	8.8	317.7	319.7	0.5	34.0	13.3	63.
21.9	61.5	6926.8	425.0	-23.5	-31.7	246.6	23.4	21.5	9.3	318.9	321.0	0.6	46.8	15.0	64.
23.4	65.0	7366.9	400.0	-27.2	-34.0	244.4	25.9	23.4	11.2	319.6	321.4	0.5	52.2	17.3	64.
25.0	68.4	7829.6	375.0	-30.2	-36.4	243.9	28.6	25.7	12.6	321.6	323.1	0.4	54.1	19.8	64.
26.5	72.0	8316.2	350.0	-34.7	-39.6	247.0	32.4	29.8	12.7	321.9	323.2	0.3	60.6	22.5	64.
28.2	76.0	8829.7	325.0	-38.6	-41.4	246.8	38.5	35.4	15.2	323.4	324.5	0.3	74.8	26.1	64.
29.9	80.1	9374.7	300.0	-43.2	99.9	248.4	43.1	40.1	15.9	324.4	999.9	99.9	999.9	30.2	65.
31.6	84.3	9955.0	275.0	-47.8	99.9	249.4	46.5	43.5	16.3	326.0	999.9	99.9	999.9	34.8	65.
33.6	88.8	10576.4	250.0	-53.2	99.9	249.9	47.8	44.9	16.5	326.9	999.9	99.9	999.9	40.5	66.
36.0	93.9	11249.6	225.0	-56.6	99.9	999.9	99.9	99.9	99.9	331.8	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

218

STATION NO. 486
FORT TOTTEN, N Y

24 APRIL 1975
2015 GMT

158 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	8.0	1009.5	16.6	14.2	999.9	99.9	99.9	99.9	290.3	316.6	10.2	86.0	999.9	999.
0.3	5.6	89.2	1000.0	16.9	15.0	999.9	99.9	99.9	99.9	291.5	319.4	10.8	86.6	999.9	999.
1.1	7.7	304.9	975.0	15.4	14.3	999.9	99.9	99.9	99.9	292.1	319.6	10.6	93.2	999.9	999.
2.0	5.9	525.2	950.0	13.9	12.9	999.9	99.9	99.9	99.9	292.6	318.5	9.9	94.0	999.9	999.
2.8	11.9	750.7	925.0	13.8	12.4	999.9	99.9	99.9	99.9	294.7	320.5	9.8	91.1	999.9	999.
3.6	14.2	982.0	900.0	12.6	11.1	999.9	99.9	99.9	99.9	295.8	320.5	9.3	90.6	999.9	999.
4.3	16.3	1218.4	875.0	11.1	10.0	999.9	99.9	99.9	99.9	296.5	320.2	8.9	92.6	999.9	999.
5.1	18.6	1460.6	850.0	10.0	9.1	999.9	99.9	99.9	99.9	297.8	320.8	8.6	94.0	999.9	999.
6.0	20.9	1708.9	825.0	8.9	8.1	999.9	99.9	99.9	99.9	299.1	321.5	8.3	94.4	999.9	999.
6.9	23.3	1963.8	800.0	7.5	6.6	999.9	99.9	99.9	99.9	300.1	321.1	7.7	94.3	999.9	999.
7.8	25.7	2225.2	775.0	5.8	4.8	999.9	99.9	99.9	99.9	301.0	320.2	7.0	93.3	999.9	999.
8.8	28.2	2493.3	750.0	4.1	3.1	999.9	99.9	99.9	99.9	301.8	319.6	6.4	93.1	999.9	999.
9.8	30.7	2768.9	725.0	2.6	0.8	999.9	99.9	99.9	99.9	303.1	319.9	5.6	87.7	999.9	999.
10.8	33.3	3052.4	700.0	1.0	-3.5	999.9	99.9	99.9	99.9	304.2	316.3	4.2	71.9	999.9	999.
11.9	35.3	3344.8	675.0	0.2	-3.1	999.9	99.9	99.9	99.9	306.4	319.5	4.5	78.6	999.9	999.
12.9	38.6	3646.7	650.0	-1.6	-5.4	999.9	99.9	99.9	99.9	307.7	319.2	3.9	75.0	999.9	999.
14.1	41.3	3958.2	625.0	-3.4	-8.8	999.9	99.9	99.9	99.9	308.9	318.3	3.1	66.3	999.9	999.
15.1	44.1	4280.1	600.0	-4.7	-15.7	999.9	99.9	99.9	99.9	310.9	316.7	1.9	41.9	999.9	999.
16.2	47.1	4614.1	575.0	-6.9	-9.4	999.9	99.9	99.9	99.9	312.3	322.2	3.3	81.9	999.9	999.
17.3	50.2	4960.4	550.0	-8.3	-24.0	999.9	99.9	99.9	99.9	314.4	319.4	1.6	42.2	999.9	999.
18.6	53.3	5319.6	525.0	-11.0	-53.0	999.9	99.9	99.9	99.9	315.2	315.4	0.1	1.6	999.9	999.
19.9	56.3	5692.4	500.0	-13.8	-45.5	999.9	99.9	99.9	99.9	316.2	317.0	0.2	8.4	999.9	999.
21.3	59.6	6081.6	475.0	-14.6	-37.0	999.9	99.9	99.9	99.9	319.8	321.1	0.4	13.9	999.9	999.
22.9	63.1	6488.5	450.0	-17.8	-31.6	999.9	99.9	99.9	99.9	320.9	322.9	0.6	28.7	999.9	999.
24.3	66.6	6913.4	425.0	-20.9	-29.4	999.9	99.9	99.9	99.9	322.2	324.9	0.8	45.9	999.9	999.
25.8	70.3	7358.9	400.0	-24.2	-30.7	999.9	99.9	99.9	99.9	323.6	326.1	0.7	54.5	999.9	999.
27.4	74.0	7825.7	375.0	-28.1	-34.7	999.9	99.9	99.9	99.9	324.4	326.3	0.5	53.0	999.9	999.
29.1	78.2	8316.9	350.0	-32.2	-38.6	999.9	99.9	99.9	99.9	325.3	326.7	0.4	52.6	999.9	999.
30.9	82.2	8836.0	325.0	-35.6	-42.7	999.9	99.9	99.9	99.9	327.6	328.6	0.3	47.6	999.9	999.
32.6	86.6	9387.6	300.0	-40.2	99.9	999.9	99.9	99.9	99.9	328.7	999.9	99.9	999.9	999.9	999.
34.6	91.4	9974.2	275.0	-45.6	99.9	999.9	99.9	99.9	99.9	329.2	999.9	99.9	999.9	999.9	999.
36.7	96.3	10601.8	250.0	-51.1	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.
38.9	101.5	11277.1	225.0	-57.5	99.9	999.9	99.9	99.9	99.9	330.4	999.9	99.9	999.9	999.9	999.
41.3	107.3	12010.3	200.0	-63.6	99.9	999.9	99.9	99.9	99.9	332.0	999.9	99.9	999.9	999.9	999.
43.9	113.3	12823.3	175.0	-67.7	99.9	999.9	99.9	99.9	99.9	338.2	999.9	99.9	999.9	999.9	999.
47.1	120.0	13755.9	150.0	-62.8	99.9	999.9	99.9	99.9	99.9	361.9	999.9	99.9	999.9	999.9	999.
51.0	127.3	14892.6	125.0	-58.5	99.9	999.9	99.9	99.9	99.9	389.2	999.9	99.9	999.9	999.9	999.
55.8	135.3	16306.5	100.0	-57.4	99.9	999.9	99.9	99.9	99.9	416.9	999.9	99.9	999.9	999.9	999.
61.3	142.7	18112.0	75.0	-60.7	99.9	999.9	99.9	99.9	99.9	445.8	999.9	99.9	999.9	999.9	999.
69.1	151.0	20654.3	50.0	-57.2	99.9	999.9	99.9	99.9	99.9	508.8	999.9	99.9	999.9	999.9	999.
80.5	159.3	25105.2	25.0	-51.7	99.9	999.9	99.9	99.9	99.9	636.6	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

JIS

STATION NO. 518
ALBANY, N Y

24 APRIL 1975
2015 GMT

156 15. 1

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

TIME MIN	CNTCT	HEIGHT GF4	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	86.0	999.5	13.7	12.4	170.0	5.2	-0.9	5.1	288.1	311.5	9.1	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	7.3	295.6	975.0	13.4	11.9	216.0	3.4	2.0	2.8	289.8	313.2	9.0	90.8	0.5	359.
1.6	9.3	515.2	950.0	13.7	11.2	209.1	8.5	4.1	7.5	292.3	315.4	8.8	84.7	0.8	8.
2.4	11.2	739.7	925.0	11.8	10.0	256.5	10.6	10.3	2.5	292.5	314.4	8.4	88.6	1.1	24.
3.3	13.2	969.1	900.0	10.9	9.3	266.9	11.8	11.3	0.6	293.8	315.5	8.2	90.1	1.5	46.
4.1	15.2	1204.2	875.0	9.7	8.2	268.3	11.8	11.8	0.3	294.9	315.7	7.8	90.3	2.0	57.
5.0	17.2	1444.7	850.0	8.0	6.8	271.6	9.9	9.9	-0.3	295.5	314.7	7.2	90.0	2.5	64.
5.9	19.5	1690.8	825.0	6.4	5.0	272.3	7.9	7.9	-0.3	296.2	314.3	6.7	90.7	3.0	69.
6.8	21.5	1942.9	800.0	4.4	3.0	269.8	6.5	6.5	0.0	296.6	312.8	6.0	90.6	3.3	71.
7.8	23.6	2201.0	775.0	2.7	1.4	261.8	8.3	8.2	1.2	297.4	312.5	5.5	90.8	3.7	73.
8.8	25.9	2466.0	750.0	1.4	0.0	261.5	9.2	9.1	1.4	298.8	313.0	5.1	90.1	4.3	74.
9.7	28.3	2739.5	725.0	1.2	-0.7	267.7	9.5	9.5	0.4	301.4	315.5	5.0	87.2	4.8	75.
10.7	30.7	3022.0	700.0	0.4	-2.4	275.5	11.2	11.2	-1.1	303.5	316.6	4.6	81.7	5.3	77.
11.7	33.2	3312.9	675.0	-1.7	-3.3	274.4	13.7	13.6	-1.1	304.3	317.0	4.5	89.3	6.1	79.
12.7	35.6	3612.9	650.0	-3.5	-4.9	272.2	15.6	15.6	-0.6	305.6	317.4	4.1	89.7	6.9	81.
13.7	38.2	3922.2	625.0	-5.4	-6.8	269.9	17.8	17.8	0.0	306.8	317.6	3.7	89.9	7.9	82.
14.7	40.7	4242.9	600.0	-6.2	-7.5	268.3	19.8	19.8	0.6	309.4	320.2	3.6	90.4	9.0	83.
15.8	43.4	4575.7	575.0	-7.5	-8.8	268.3	21.3	21.3	0.6	311.6	321.9	3.4	90.3	10.4	84.
16.9	46.3	4920.9	550.0	-9.4	-10.8	268.8	22.0	22.0	0.5	313.3	322.5	3.0	89.5	11.8	84.
18.0	49.2	5278.7	525.0	-13.0	-15.1	272.1	21.8	21.8	-0.8	313.1	320.1	2.3	83.8	13.3	85.
19.3	52.0	5648.4	500.0	-16.0	-17.3	275.1	24.1	24.0	-2.1	313.5	318.2	0.8	37.2	15.0	86.
20.5	55.2	6031.5	475.0	-20.0	-20.0	273.2	28.6	28.6	-1.6	313.2	313.4	0.0	2.5	16.9	87.
21.9	58.3	6431.1	450.0	-21.8	-21.3	272.5	33.0	33.0	-1.4	315.8	316.1	0.1	4.9	19.5	88.
23.3	61.6	6850.6	425.0	-23.6	-22.3	268.7	32.6	32.6	0.7	318.7	318.9	0.1	5.1	22.3	88.
25.0	65.1	7291.7	400.0	-25.9	-23.7	269.8	32.2	32.2	0.1	321.2	321.4	0.1	5.3	25.5	88.
26.6	68.5	7756.5	375.0	-28.7	-25.3	282.5	30.7	29.9	-6.7	323.5	323.7	0.1	5.6	28.5	89.
28.2	72.0	8246.4	350.0	-32.6	-22.9	283.9	35.0	34.0	-8.4	324.7	325.0	0.1	11.1	31.6	90.
30.0	76.0	8764.5	325.0	-36.3	-17.5	280.4	41.9	41.2	-7.5	326.6	327.1	0.2	30.0	35.7	92.
31.9	80.3	9313.9	300.0	-41.1	99.9	281.5	47.1	46.1	-9.4	327.4	999.9	99.9	999.9	40.8	93.
33.9	84.4	9899.0	275.0	-45.9	99.9	279.7	49.0	48.3	-8.2	328.7	999.9	99.9	999.9	46.4	94.
36.0	89.0	10525.6	250.0	-51.3	99.9	282.6	48.7	47.5	-10.6	329.7	999.9	99.9	999.9	52.5	95.
38.3	94.0	11201.6	225.0	-56.8	99.9	278.7	63.0*	62.3	-9.5	331.4	999.9	99.9	999.9	60.3	95.
40.7	99.3	11937.2	200.0	-63.1	99.9	280.0	66.5*	65.5	-11.6	332.9	999.9	99.9	999.9	69.1	96.
43.6	105.0	12748.8	175.0	-67.9	99.9	285.4	41.7*	40.2	-11.0	337.9	999.9	99.9	999.9	78.2	97.
47.0	111.3	13697.5	150.0	-59.6	99.9	277.3	43.6*	43.2	-5.5	337.4	999.9	99.9	999.9	86.0	97.
50.8	118.0	14851.6	125.0	-54.6	99.9	291.2	33.9*	31.6	-12.3	339.2	999.9	99.9	999.9	94.8	97.
56.1	126.3	16279.8	100.0	-55.3	99.9	278.5	11.8*	11.7	-1.7	421.0	999.9	99.9	999.9	101.4	98.
62.4	135.7	19101.2	75.0	-59.2	99.9	292.4	19.6*	18.1	-7.4	448.8	999.9	99.9	999.9	108.8	99.
70.9	145.0	20672.7	50.0	-56.0	99.9	218.8	3.6*	2.2	2.8	511.5	999.9	99.9	999.9	109.9	100.
84.3	155.7	25146.3	25.0	-50.2	99.9	43.5	3.8	-2.6	-2.8	640.9	999.9	99.9	999.9	109.6	100.

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

STATION NO. 520
PITTSBURG, PA

24 APRIL 1975
2209 GMT

31 647. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEFD M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	359.0	966.8	16.8	16.3	260.0	4.2	4.1	0.7	294.4	326.1	12.2	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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	508.5	950.0	15.4	14.3	284.4	9.1	8.8	-2.3	294.2	322.6	10.9	93.1	0.3	74.
1.3	11.8	734.7	925.0	13.6	12.0	283.1	9.3	9.1	-2.1	294.4	319.6	9.6	90.0	0.7	94.
2.1	14.1	965.6	900.0	12.2	11.6	272.5	8.0	8.0	-0.3	295.3	320.7	9.6	96.4	1.1	96.
2.9	16.1	1202.0	875.0	11.2	10.5	266.8	7.9	7.9	0.4	296.6	321.1	9.2	95.9	1.5	94.
4.0	18.5	1443.9	850.0	9.2	8.6	274.8	7.3	7.2	-0.6	296.9	319.1	8.3	95.6	1.9	93.
4.9	20.5	1691.1	825.0	7.1	5.6	283.5	7.6	7.4	-1.8	297.0	315.8	7.0	90.5	2.3	94.
5.9	22.8	1944.4	800.0	6.6	5.9	273.0	10.4	10.3	-0.5	299.1	319.1	7.3	95.3	2.9	95.
6.7	25.2	2205.3	775.0	5.5	4.8	273.5	12.9	12.9	-0.8	300.6	319.9	7.0	95.3	3.4	94.
7.7	27.5	2473.2	750.0	3.8	3.0	277.4	16.5	16.4	-2.1	301.5	319.2	6.4	94.8	4.3	95.
8.5	30.9	2748.3	725.0	2.4	1.7	273.6	18.0	17.9	-1.1	302.9	319.7	6.0	95.1	5.3	95.
9.7	32.6	3031.7	700.0	0.6	-0.1	267.3	16.8	16.6	0.8	303.8	319.2	5.4	94.9	6.4	94.
10.4	35.2	3323.6	675.0	-0.5	-1.2	999.9	99.9	99.9	99.9	305.8	320.6	5.2	94.4	999.9	999.
12.0	37.7	3625.0	650.0	-2.3	-3.1	999.9	99.9	99.9	99.9	307.0	320.5	4.7	94.0	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 528
BUFFALO, N Y

24 APRIL 1975
2026 GMT

148 42. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	218.0	984.1	11.7	10.6	20.0	3.1	-1.1	-2.9	287.2	308.3	8.2	93.0	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	6.7	295.8	975.0	10.8	8.4	356.0	4.0	0.3	-4.0	286.9	305.4	7.1	85.1	0.1	195.
1.2	8.9	512.0	950.0	8.8	8.0	339.1	4.1	1.5	-3.8	287.1	305.5	7.1	94.6	0.2	191.
1.9	10.6	732.9	925.0	8.6	7.9	292.3	6.1	5.6	-2.3	289.1	308.1	7.3	95.4	0.4	164.
2.7	12.7	960.4	900.0	9.0	8.3	274.1	9.4	9.4	-0.7	291.8	312.0	7.7	95.5	0.6	126.
3.4	14.8	1193.7	875.0	8.0	7.4	282.5	11.6	11.4	-2.5	293.1	312.7	7.4	95.4	1.1	151.
4.3	16.8	1433.2	850.0	7.4	6.7	272.1	12.8	12.7	-0.5	294.8	314.3	7.3	95.3	1.7	109.
5.1	19.1	1679.2	825.0	6.4	5.6	266.5	12.0	11.9	0.7	296.3	315.0	6.9	94.4	2.3	103.
5.9	21.1	1931.7	800.0	5.5	5.4	276.9	11.0	11.0	-1.3	297.7	313.4	5.7	80.4	2.8	101.
6.8	23.5	2190.9	775.0	4.1	-0.2	282.1	12.1	11.9	-2.5	298.9	312.5	4.9	73.3	3.5	101.
7.7	25.6	2457.7	750.0	2.9	0.5	283.8	12.4	12.0	-3.0	300.4	315.3	5.3	84.3	4.1	101.
8.7	27.9	2731.6	725.0	1.3	-1.2	283.0	12.6	12.3	-2.8	301.5	315.2	4.9	83.8	4.8	102.
9.7	30.4	3013.7	700.0	-0.4	-4.9	280.5	12.4	12.2	-2.3	302.5	313.4	3.8	71.5	5.6	102.
10.6	32.9	3304.1	675.0	-1.9	-6.0	276.0	12.4	12.3	-1.7	304.0	314.1	3.5	70.8	6.3	101.
11.7	35.4	3603.6	650.0	-3.9	-13.2	272.3	12.7	12.7	-0.5	304.8	311.4	2.2	49.7	7.1	101.
12.7	37.9	3912.7	625.0	-4.0	-35.9	271.9	12.4	12.4	-0.4	307.9	308.8	0.3	6.2	7.9	100.
13.9	40.5	4233.5	600.0	-6.3	-37.3	281.2	12.8	12.5	-2.5	308.2	309.7	0.3	6.4	8.7	99.
14.9	43.1	4564.6	575.0	-8.8	-38.7	280.2	13.8	13.6	-2.4	309.7	310.5	0.2	6.7	9.6	100.
16.2	46.0	4906.8	550.0	-11.8	-40.6	269.6	13.6	13.6	0.1	310.0	310.7	0.2	7.0	10.6	99.
17.4	48.9	5261.5	525.0	-13.8	-41.9	267.4	14.3	14.3	0.7	311.8	312.4	0.2	7.2	11.7	98.
18.8	51.7	5631.1	500.0	-15.7	-43.1	255.7	17.0	16.5	4.2	313.8	314.4	0.2	7.4	12.8	97.
20.2	54.8	6016.8	475.0	-17.0	-43.9	253.6	20.9	20.0	5.9	316.9	317.5	0.2	7.5	14.3	94.
21.6	57.8	6420.6	450.0	-19.4	-45.5	257.1	20.8	20.2	4.7	318.8	319.3	0.1	7.8	16.0	92.
23.1	61.1	6843.5	425.0	-22.0	-47.1	255.3	18.3	17.7	4.6	320.2	321.3	0.1	8.1	17.7	91.
24.7	64.6	7286.4	400.0	-25.9	-49.8	255.4	18.5	17.9	4.7	321.3	321.7	0.1	8.5	19.4	89.
26.4	68.0	7749.8	375.0	-30.2	-47.1	250.2	19.3	18.1	6.5	321.6	322.1	0.1	17.2	21.1	88.
27.9	71.4	8237.9	350.0	-33.2	-35.6	258.3	26.5	25.9	5.4	323.9	325.8	0.5	78.8	23.1	86.
29.5	75.3	8755.4	325.0	-36.6	-42.7	267.7	32.8	32.8	1.3	326.2	327.1	0.3	52.7	26.1	86.
31.4	79.5	9305.7	300.0	-40.1	99.9	264.8	38.1	37.9	3.5	328.8	999.9	99.9	999.9	30.1	86.
33.3	83.7	9893.5	275.0	-45.2	99.9	263.8	42.6	42.4	4.6	329.8	999.9	99.9	999.9	34.7	85.
35.5	88.2	10522.8	250.0	-50.5	99.9	257.8	43.4	42.4	9.2	331.0	999.9	99.9	999.9	40.2	85.
37.7	93.0	11200.9	225.0	-55.9	99.9	256.9	46.6	45.4	10.6	332.8	999.9	99.9	999.9	46.3	84.
40.0	98.2	11939.3	200.0	-62.7	99.9	260.8	45.5	44.9	7.2	333.5	999.9	99.9	999.9	52.7	84.
42.9	103.8	12756.4	175.0	-64.2	99.9	268.4	32.1	32.1	0.9	344.1	999.9	99.9	999.9	59.6	84.
46.0	110.2	13705.1	150.0	-60.6	99.9	267.8	31.3	31.3	1.2	365.7	999.9	99.9	999.9	65.8	84.
49.7	117.0	14958.0	125.0	-54.3	99.9	281.9	27.8	27.2	-5.7	396.7	999.9	99.9	999.9	72.3	85.
54.2	125.7	16293.0	100.0	-52.4	99.9	281.9	27.6	27.0	-5.7	426.6	999.9	99.9	999.9	79.9	86.
59.6	136.0	18109.7	75.0	-61.2	99.9	282.5	12.7	12.4	-2.7	444.6	999.9	99.9	999.9	87.9	88.
66.7	148.0	20668.3	50.0	-55.4	99.9	247.2	4.0	3.7	1.6	512.9	999.9	99.9	999.9	89.7	89.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 532
PEORIA, ILL

24 APRIL 1975
2015 GMT

165 16. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	200.0	988.6	14.4	11.7	20.0	4.6	-1.6	-4.3	289.7	312.5	8.8	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.
0.3	6.6	316.9	975.0	12.6	11.2	999.9	99.9	99.9	99.9	288.9	311.1	8.6	91.1	999.9	999.
1.0	8.9	534.9	950.0	11.3	11.0	999.9	99.9	99.9	99.9	289.8	312.4	8.7	97.8	999.9	999.
1.7	10.9	758.9	925.0	12.3	12.0	999.9	99.9	99.9	99.9	293.2	318.2	9.6	97.6	999.9	999.
2.5	13.1	989.2	900.0	12.0	11.6	348.8	5.1	1.0	-5.0	295.2	320.5	9.6	97.1	0.9	229.
3.2	15.4	1225.0	875.0	10.3	8.8	323.1	6.7	4.0	-5.4	295.6	317.3	8.2	90.1	1.0	207.
4.1	17.5	1466.8	850.0	11.2	1.5	311.7	5.8	4.4	-3.9	298.6	312.8	5.1	52.5	1.1	194.
4.9	20.7	1715.9	825.0	11.0	-10.3	310.0	7.4	5.7	-4.8	300.5	306.8	2.1	21.2	1.3	183.
5.6	22.2	1971.7	800.0	9.5	-15.0	285.1	9.7	9.4	-2.5	301.3	306.0	1.5	16.2	1.5	176.
6.4	24.6	2234.0	775.0	7.7	-12.7	294.3	7.6	7.0	-3.2	302.3	307.8	1.8	21.9	1.7	159.
7.2	27.0	2502.6	750.0	5.3	-14.4	292.5	8.8	8.2	-3.4	302.6	307.6	1.7	22.5	2.0	151.
8.0	29.5	2778.9	725.0	3.5	-4.3	284.3	10.2	9.9	-2.5	303.8	314.9	3.9	56.8	2.4	143.
9.0	32.2	3062.6	700.0	1.0	-9.8	274.9	10.9	10.9	-0.9	303.9	311.7	2.6	44.5	2.9	135.
9.9	34.8	3354.1	675.0	-0.8	-16.7	274.7	10.0	10.0	-0.8	305.0	309.7	1.5	28.6	3.4	127.
10.9	37.3	3654.6	650.0	-2.7	-13.0	276.2	9.3	9.3	-1.0	306.2	312.7	2.2	44.9	3.9	124.
11.9	40.1	3964.0	625.0	-5.4	-17.0	263.2	10.2	10.2	1.2	306.4	311.4	1.6	39.8	4.4	119.
13.0	42.9	4283.3	600.0	-7.4	-28.3	252.8	10.8	10.3	3.2	307.6	309.6	0.6	16.8	4.9	114.
14.1	45.8	4613.0	575.0	-10.0	-37.2	248.1	13.0	12.0	8.8	308.3	309.2	0.3	8.6	5.5	109.
15.1	48.8	4954.5	550.0	-11.9	-19.4	254.9	17.0	16.4	8.4	310.1	314.9	1.5	54.5	6.1	103.
16.2	51.6	5309.7	525.0	-13.4	-24.7	261.9	21.6	21.4	3.0	312.4	315.6	1.0	38.9	7.4	99.
17.4	54.8	5680.3	500.0	-14.6	-41.6	261.2	20.8	20.6	3.2	315.2	315.9	0.2	7.9	8.9	96.
18.7	57.9	6066.2	475.0	-18.0	-47.8	267.5	20.9	20.9	0.9	315.6	316.0	0.1	5.3	10.5	94.
20.0	61.3	6467.9	450.0	-21.0	-62.4	270.1	20.5	20.5	-0.0	316.8	316.9	0.0	1.1	12.1	94.
21.4	64.7	6887.0	425.0	-24.8	-36.6	269.2	22.7	22.7	0.3	317.3	318.6	0.4	32.4	13.8	93.
22.9	68.1	7325.4	400.0	-27.9	-36.9	268.6	25.4	25.4	1.5	318.8	320.2	0.4	41.3	15.9	92.
24.3	71.7	7785.8	375.0	-31.4	-39.8	265.4	26.6	26.5	2.1	320.0	321.1	0.3	43.0	18.2	92.
25.9	75.7	8269.4	350.0	-36.1	-47.0	262.9	26.7	26.5	3.3	320.0	320.6	0.2	31.3	20.7	91.
27.6	79.7	8780.7	325.0	-39.5	99.9	262.7	28.0	27.8	3.5	322.2	999.9	99.9	999.9	23.5	90.
29.3	83.9	9322.9	300.0	-43.8	99.9	262.1	29.1	28.8	4.0	323.7	999.9	99.9	999.9	26.5	84.
31.3	88.2	9901.6	275.0	-48.8	99.9	260.5	29.0	28.6	4.8	324.6	999.9	99.9	999.9	29.9	89.
33.4	93.0	10520.7	250.0	-53.4	99.9	263.7	38.6	38.3	4.2	326.7	999.9	99.9	999.9	33.8	87.
35.7	98.0	11194.8	225.0	-56.2	99.9	260.6	39.0	38.5	6.4	328.5	999.9	99.9	999.9	39.4	87.
38.4	103.2	11938.1	200.0	-58.9	99.9	260.5	41.0	40.4	6.8	339.5	999.9	99.9	999.9	45.5	86.
41.3	109.0	12772.4	175.0	-58.4	99.9	256.9	37.8	37.1	7.3	353.6	999.9	99.9	999.9	52.6	85.
44.7	115.5	13742.5	150.0	-58.9	99.9	259.4	30.3	29.8	5.6	368.6	999.9	99.9	999.9	59.3	84.
48.6	122.7	14892.5	125.0	-57.6	99.9	253.8	27.2	26.1	7.6	390.8	999.9	99.9	999.9	65.9	84.
53.7	131.3	16302.7	100.0	-56.7	99.9	269.6	18.8	18.8	0.1	418.3	999.9	99.9	999.9	73.6	83.
59.3	140.0	18106.8	75.0	-62.2	99.9	264.3	18.9	18.9	1.9	442.6	999.9	99.9	999.9	78.5	83.
67.1	151.0	20647.8	50.0	-56.7	99.9	261.5	7.5	7.4	1.1	510.0	999.9	99.9	999.9	82.7	83.
79.0	164.0	25100.6	25.0	-51.8	99.9	299.7	1.3	1.1	-0.6	635.8	999.9	99.9	999.9	84.0	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. 553
 OMAHA, NEB

24 APRIL 1975
 2015 GMT

155 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	400.0	965.3	16.8	12.7	290.0	2.6	2.4	-0.9	294.2	319.6	9.7	77.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	8.5	535.9	950.0	14.4	11.7	999.9	99.9	99.9	99.9	293.0	316.9	9.2	84.2	999.9	999.9
1.1	10.4	760.8	925.0	12.0	10.6	999.9	99.9	99.9	99.9	292.7	315.7	8.7	90.9	999.9	999.9
1.9	12.4	990.0	900.0	10.1	9.1	298.2	5.4	4.7	-2.5	293.0	314.4	8.1	93.5	0.4	109.
2.8	14.5	1224.3	875.0	8.9	7.3	289.5	6.6	6.2	-2.2	294.0	313.6	7.4	89.7	0.7	112.
3.7	16.5	1464.2	850.0	7.7	2.4	279.6	6.8	6.7	-1.1	294.9	309.7	5.4	69.3	1.1	108.
4.6	18.6	1710.1	825.0	6.6	-3.0	289.9	5.8	5.4	-2.0	296.0	306.7	3.8	51.2	1.4	108.
5.5	20.7	1963.1	800.0	7.9	-6.4	270.6	3.1	3.1	-0.0	300.0	308.5	3.0	35.5	1.6	107.
6.4	22.9	2224.5	775.0	6.7	-5.5	241.6	1.4	1.3	0.7	301.5	310.9	3.3	41.3	1.7	105.
7.4	25.2	2493.1	750.0	5.1	-9.0	201.9	3.0	1.1	2.7	302.4	310.0	2.6	35.3	1.8	102.
8.3	27.4	2769.0	725.0	3.4	-8.9	204.3	4.1	1.7	3.7	303.5	311.4	2.7	40.0	1.8	95.
9.2	29.7	3052.5	700.0	1.3	-9.2	219.5	5.3	3.4	4.1	304.2	312.3	2.7	45.6	1.9	89.
10.2	32.3	3343.9	675.0	-1.5	-9.8	220.3	6.6	4.3	5.0	304.3	312.3	2.7	53.2	2.2	82.
11.3	34.8	3643.2	650.0	-4.1	-11.7	216.6	8.0	4.8	6.4	304.7	311.8	2.4	55.2	2.6	74.
12.3	37.1	3951.1	625.0	-6.9	-10.7	218.8	8.7	5.4	6.8	304.8	312.9	2.7	74.3	3.0	68.
13.5	39.8	4268.6	600.0	-9.1	-13.7	221.3	9.8	6.5	7.3	305.9	312.6	2.2	69.0	3.6	63.
14.6	42.3	4597.5	575.0	-10.4	-23.8	231.5	10.2	8.0	6.4	307.9	310.9	1.0	32.2	4.2	61.
15.9	45.1	4938.2	550.0	-12.7	-25.0	238.3	10.2	8.7	5.3	309.0	312.0	0.9	34.8	5.0	60.
17.1	48.0	5291.0	525.0	-15.8	-26.1	242.6	12.1	10.7	5.6	309.5	312.3	0.9	40.7	5.8	60.
18.3	50.8	5657.1	500.0	-18.4	-25.0	249.5	14.2	13.3	5.0	310.7	313.9	1.0	56.0	6.8	61.
19.8	53.8	6038.0	475.0	-21.3	-28.2	254.7	12.7	12.2	3.3	311.7	314.2	0.8	53.2	7.9	63.
21.1	56.7	6434.6	450.0	-24.3	-31.3	259.3	14.0	13.7	2.6	312.7	314.8	0.6	51.6	8.9	64.
22.4	60.0	6848.3	425.0	-27.6	-35.2	261.0	17.4	17.1	2.7	313.5	315.1	0.4	48.0	10.1	66.
24.0	63.4	7282.4	400.0	-30.3	-40.0	252.2	19.6	18.7	6.0	315.6	316.6	0.3	37.7	11.8	68.
25.5	66.7	7737.6	375.0	-34.6	-42.8	251.0	20.2	19.1	6.6	315.8	316.6	0.2	42.6	13.7	68.
27.2	70.4	8215.9	350.0	-38.5	-44.7	244.3	21.4	19.3	6.3	316.8	317.5	0.2	51.1	15.7	68.
28.9	74.0	8720.9	325.0	-42.5	99.9	246.3	24.3	22.2	9.8	318.1	999.9	99.9	999.9	18.1	68.
30.9	78.2	9256.1	300.0	-47.2	99.9	254.2	27.7	26.7	7.5	318.8	999.9	99.9	999.9	21.2	68.
32.8	82.3	9826.4	275.0	-51.1	99.9	251.1	31.4	29.7	10.2	321.3	999.9	99.9	999.9	24.5	69.
35.0	86.7	10440.9	250.0	-54.3	99.9	252.1	38.4	36.6	11.8	325.4	999.9	99.9	999.9	29.2	69.
37.4	91.6	11112.9	225.0	-55.7	99.9	250.3	38.0	35.7	12.8	333.2	999.9	99.9	999.9	34.9	69.
40.0	96.8	11862.8	200.0	-57.0	99.9	253.9	35.0	33.6	9.7	342.5	999.9	99.9	999.9	40.8	70.
42.6	102.3	12702.3	175.0	-57.9	99.9	251.2	35.8	33.9	11.6	354.3	999.9	99.9	999.9	45.9	70.
45.9	108.8	13682.2	150.0	-56.3	99.9	252.5	39.2	37.4	11.8	373.1	999.9	99.9	999.9	53.2	71.
49.7	115.7	14836.1	125.0	-55.4	99.9	259.6	28.6	28.1	5.2	394.7	999.9	99.9	999.9	61.3	72.
54.7	124.5	16262.5	100.0	-55.3	99.9	240.0	15.5	13.4	7.8	421.0	999.9	99.9	999.9	69.2	73.
60.5	134.5	18081.7	75.0	-58.4	99.9	244.2	18.3	16.4	7.9	450.4	999.9	99.9	999.9	76.2	71.
68.4	145.5	20648.5	50.0	-54.7	99.9	151.0	0.7	-0.3	0.6	514.7	999.9	99.9	999.9	82.0	73.
81.2	158.5	25139.5	25.0	-49.9	99.9	69.3	6.3	-5.9	-2.2	641.3	999.9	99.9	999.9	80.7	74.

* BY SPEED MEANS ELEVATION 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. 562
NORTH PLATTE, NEB

24 APRIL 1975
2015 GMT

153 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	14.6	847.0	914.7	20.6	-3.8	330.0	4.1	2.1	-3.6	301.8	310.9	3.2	19.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	15.8	986.5	900.0	19.5	-6.2	148.5	7.9	-4.1	6.7	302.0	309.8	2.7	17.0	0.3	153.
1.0	18.3	1227.1	875.0	16.6	-7.2	177.2	4.1	-0.2	4.1	301.4	308.8	2.5	18.8	0.1	150.
1.6	20.8	1472.4	850.0	14.2	-7.8	273.3	3.0	3.0	-0.2	301.3	308.6	2.5	21.0	0.2	111.
2.3	23.3	1722.9	825.0	11.5	-8.5	302.6	4.1	3.4	-2.2	301.1	308.3	2.4	23.7	0.3	114.
2.8	25.8	1978.9	800.0	9.3	-8.4	301.7	4.2	3.5	-2.2	301.4	308.8	2.5	27.6	0.5	117.
3.6	28.7	2240.7	775.0	6.7	-8.1	305.2	3.9	3.2	-2.3	301.3	309.2	2.7	33.9	0.6	118.
4.3	31.4	2508.9	750.0	4.5	-8.1	293.5	5.3	4.8	-2.1	301.8	309.9	2.8	39.4	0.8	120.
5.0	34.3	2783.9	725.0	2.1	-8.9	287.1	9.1	8.7	-2.7	302.1	310.0	2.7	44.1	1.1	110.
5.9	37.0	3065.8	700.0	-0.1	-10.9	286.4	13.9	13.4	-3.9	302.7	309.7	2.4	43.9	1.8	114.
6.9	39.9	3356.3	675.0	-1.5	-11.3	277.5	16.5	16.4	-2.1	304.3	311.4	2.4	47.0	2.7	111.
7.9	42.7	3655.9	650.0	-3.8	-17.0	264.6	16.8	16.7	1.6	304.9	309.7	1.6	35.5	3.7	105.
8.9	45.7	3964.4	625.0	-5.4	-23.7	259.9	16.2	15.9	2.8	306.3	309.2	0.9	22.1	4.6	99.
9.9	48.9	4283.5	600.0	-7.1	-35.4	262.8	15.2	15.1	1.9	307.9	308.9	0.3	8.3	5.5	90.
10.9	51.9	4614.0	575.0	-9.1	-39.6	267.0	14.6	14.6	0.8	309.3	310.0	0.2	6.3	6.4	95.
12.0	55.1	4955.6	550.0	-11.5	-41.0	278.2	14.0	13.9	-2.0	310.4	311.0	0.2	6.6	7.3	94.
13.1	58.3	5311.1	525.0	-14.5	-39.9	283.9	15.1	14.6	-3.6	311.0	311.8	0.2	9.4	8.3	95.
14.5	61.7	5678.7	500.0	-17.2	-39.5	279.6	16.3	16.0	-2.7	312.0	312.9	0.2	12.3	9.5	96.
15.8	65.2	6060.8	475.0	-20.5	-37.5	276.8	17.3	17.2	-2.1	312.5	313.7	0.3	20.4	10.9	90.
17.1	68.5	6458.7	450.0	-23.4	-43.9	278.9	18.6	18.4	-2.9	313.7	314.3	0.2	13.2	12.3	97.
18.5	72.1	6873.4	425.0	-27.7	-47.0	279.5	18.0	17.7	-3.0	313.5	314.0	0.1	13.7	13.9	97.
19.7	76.0	7305.8	400.0	-31.6	-49.4	278.1	18.3	18.1	-2.6	313.9	314.2	0.1	15.1	15.3	97.
21.4	80.3	7758.5	375.0	-35.6	-53.1	275.7	17.4	17.3	-1.7	314.4	314.7	0.1	14.5	17.0	97.
22.9	83.8	8235.7	350.0	-38.8	-56.4	275.1	17.9	17.9	-1.6	316.3	316.5	0.0	13.4	18.5	97.
24.4	88.3	8738.9	325.0	-43.8	99.9	276.0	17.2	17.1	-1.8	316.4	999.9	99.9	999.9	20.2	97.
26.0	92.4	9271.7	300.0	-48.4	99.9	274.8	16.9	16.8	-1.4	317.2	999.9	99.9	999.9	21.8	97.
28.1	97.2	9839.6	275.0	-52.3	99.9	273.4	18.4	18.4	-1.1	319.8	999.9	99.9	999.9	23.9	97.
30.4	102.3	10450.6	250.0	-54.1	99.9	254.4	17.8	17.1	4.8	325.6	999.9	99.9	999.9	26.2	95.
33.0	107.4	11130.2	225.0	-53.5	99.9	258.6	22.2	21.8	4.4	336.5	999.9	99.9	999.9	29.0	93.
35.5	112.8	11885.3	200.0	-54.1	99.9	260.4	20.8	20.5	3.5	347.1	999.9	99.9	999.9	32.3	92.
38.6	119.0	12740.1	175.0	-55.4	99.9	242.8	20.7	19.4	9.5	358.5	999.9	99.9	999.9	36.0	90.
42.1	125.5	13731.0	150.0	-54.1	99.9	266.5	17.8	17.8	1.1	377.0	999.9	99.9	999.9	40.6	89.
46.0	132.7	14889.6	125.0	-57.5	99.9	258.8	17.9	17.5	3.5	390.9	999.9	99.9	999.9	45.1	88.
51.1	140.0	16309.8	100.0	-53.5	99.9	260.9	14.9	14.8	2.4	424.4	999.9	99.9	999.9	51.4	87.
57.2	147.7	18140.3	75.0	-55.2	99.9	245.0	20.7	18.8	8.7	457.2	999.9	99.9	999.9	56.9	85.
65.3	156.0	20732.4	50.0	-54.1	99.9	264.2	5.3	5.2	0.5	515.9	999.9	99.9	999.9	63.2	84.
77.4	164.7	25252.3	25.0	-49.4	99.9	278.0	2.9	2.8	-0.4	643.1	999.9	99.9	999.9	65.7	84.

* BY SPEED MEANS ELEVATION 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. 606
PORTLAND, ME

24 APRIL 1975
2015 GMT

158 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	20.0	1009.2	7.2	7.2	340.0	4.1	1.4	-3.9	280.4	256.5	6.3	100.0	0.0	0.
0.3	6.2	95.6	1000.0	7.3	6.8	999.9	99.9	99.9	99.9	281.3	297.1	6.2	96.6	999.9	999.
1.0	6.5	303.7	975.0	5.5	5.2	999.9	99.9	99.9	99.9	281.5	296.1	5.7	97.8	999.9	999.
1.8	10.7	516.2	950.0	5.6	5.3	999.9	99.9	99.9	99.9	283.7	298.9	5.9	97.8	999.9	999.
2.5	13.9	736.3	925.0	10.1	9.8	244.8	14.9	13.5	6.3	290.7	312.3	8.3	98.5	0.8	105.
3.2	15.3	965.3	900.0	10.4	10.0	242.4	15.3	13.6	7.1	293.4	316.1	8.6	96.8	1.4	85.
4.1	17.6	1200.1	875.0	9.5	9.2	245.0	16.8	15.3	7.1	294.7	317.0	8.4	97.9	2.1	77.
4.8	20.1	1440.3	850.0	7.8	7.5	245.2	17.1	15.5	7.2	295.3	315.9	7.7	98.0	2.9	74.
5.7	22.4	1686.7	825.0	6.7	6.4	247.2	17.4	16.1	6.7	296.7	316.5	7.4	97.8	3.8	72.
6.5	25.9	1939.4	800.0	5.4	5.0	249.8	15.1	14.2	5.2	297.8	316.5	6.9	97.6	4.6	71.
7.4	27.3	2199.1	775.0	4.3	3.9	252.1	14.8	14.1	4.5	299.3	317.3	6.6	97.4	5.4	71.
8.4	30.3	2464.9	750.0	1.6	1.0	248.7	12.2	11.3	4.4	299.0	314.3	5.5	95.5	6.3	72.
10.0	32.7	2738.3	725.0	0.7	0.4	246.4	11.6	10.7	4.7	301.0	316.3	5.5	97.8	7.3	71.
11.4	35.4	3019.8	700.0	-1.1	-1.5	251.9	13.2	12.6	4.1	301.9	315.5	4.8	95.2	8.3	70.
12.6	38.9	3309.2	675.0	-2.6	-4.0	255.8	14.9	14.7	2.7	303.3	315.4	4.2	90.1	9.3	71.
14.0	40.7	3607.4	650.0	-5.0	-7.5	268.4	16.7	16.7	0.5	303.7	313.5	3.4	82.9	10.7	73.
15.6	43.6	3914.8	625.0	-7.0	-9.8	273.4	16.4	16.4	-1.0	304.8	313.4	2.9	80.3	12.2	75.
16.9	46.5	4232.7	600.0	-8.5	-11.1	274.7	15.5	15.4	-1.3	306.6	314.8	2.7	81.7	13.4	77.
18.3	49.6	4562.0	575.0	-10.2	-11.9	265.7	17.4	17.3	1.3	308.4	316.4	2.7	87.0	14.7	78.
19.6	52.5	4903.6	550.0	-12.4	-14.4	262.6	17.2	17.0	2.2	309.7	316.6	2.3	85.0	15.2	79.
21.2	55.7	5257.7	525.0	-14.8	-16.9	261.4	20.1	19.9	3.0	310.8	316.9	2.0	84.6	17.8	79.
22.5	58.9	5625.8	500.0	-16.9	-19.0	260.8	20.7	20.4	3.3	312.6	318.0	1.7	83.4	19.4	79.
24.0	62.3	6009.2	475.0	-19.7	-22.3	259.2	21.4	21.0	4.0	313.7	318.0	1.3	79.5	21.3	79.
25.5	65.7	6409.0	450.0	-22.3	-25.5	259.7	20.9	20.6	3.8	315.3	318.8	1.1	74.7	23.1	79.
27.0	69.2	6826.6	425.0	-25.3	-29.3	264.2	22.4	22.3	2.3	316.6	319.2	0.8	68.6	25.2	79.
28.7	72.7	7264.1	400.0	-28.0	-32.5	265.8	31.5	31.4	2.3	318.6	320.7	0.6	65.1	27.7	80.
30.3	76.6	7724.5	375.0	-31.4	-36.2	270.1	34.6	34.6	-0.1	320.0	321.6	0.5	62.4	31.1	81.
32.0	80.6	8208.8	350.0	-35.9	-45.2	269.4	37.5	37.5	0.4	320.3	321.0	0.2	38.6	34.6	82.
33.8	84.8	8719.0	325.0	-40.2	99.9	275.2	33.1	32.9	-3.0	321.2	999.9	99.9	999.9	38.5	83.
35.7	89.0	9261.4	300.0	-43.4	99.9	283.8	36.9	35.8	-8.8	324.2	999.9	99.9	999.9	42.1	84.
37.9	93.7	9842.6	275.0	-46.7	99.9	296.9	43.1	38.4	-19.5	327.6	999.9	99.9	999.9	46.9	87.
40.3	98.5	10469.2	250.0	-51.3	99.9	292.5	55.9	51.7	-21.4	329.8	999.9	99.9	999.9	53.5	91.
42.6	103.6	11145.6	225.0	-56.6	99.9	293.7	55.7*	51.0	-22.4	331.8	999.9	99.9	999.9	60.8	93.
45.3	109.5	11882.8	200.0	-62.4	99.9	290.3	56.1*	52.6	-19.5	334.0	999.9	99.9	999.9	69.0	96.
48.4	115.4	12704.9	175.0	-62.6	99.9	282.4	33.7*	32.9	-7.3	346.6	999.9	99.9	999.9	77.7	97.
52.2	122.3	13668.7	150.0	-57.5	99.9	284.1	32.1*	31.2	-7.9	371.1	999.9	99.9	999.9	84.4	98.
57.5	129.7	14831.6	125.0	-53.9	99.9	280.9	26.5*	26.0	-5.0	397.4	999.9	99.9	999.9	93.2	99.
63.2	137.5	16259.7	100.0	-54.5	99.9	281.5	23.1*	22.6	-4.6	422.5	999.9	99.9	999.9	100.6	99.
71.2	145.7	18095.8	75.0	-56.7	99.9	309.0	15.4*	12.0	-9.7	454.1	999.9	99.9	999.9	109.0	100.
80.8	154.0	20679.2	50.0	-54.8	99.9	316.4	3.7*	2.5	-2.7	514.3	999.9	99.9	999.9	112.7	101.
99.9	59.3	99.9	25.0	59.9	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. 637
FLINT, MICH

24 APRIL 1975
2100 GMT

152 18.0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW 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	236.0	984.1	8.9	5.6	60.0	5.1	-4.4	-2.5	284.1	299.2	5.8	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	99.9	99.9	99.9	99.9	99.9
0.3	6.6	312.9	975.0	7.5	3.8	6.6	5.8	-0.7	-5.7	283.4	296.7	5.2	77.4	0.2	182.
1.0	8.7	526.1	950.0	5.3	4.2	11.3	5.5	-1.1	-5.4	283.2	297.4	5.5	93.0	0.4	194.
1.7	10.7	743.6	925.0	3.5	2.9	16.5	4.0	-1.1	-3.9	283.5	296.8	5.1	96.4	0.6	199.
2.5	12.7	965.9	900.0	3.3	2.6	332.4	4.0	1.9	-3.6	285.6	299.0	5.1	95.0	0.9	198.
3.1	14.8	1195.4	875.0	5.4	-0.7	305.0	6.9	5.7	-4.0	289.9	301.2	4.2	64.7	0.9	177.
3.9	16.8	1433.2	850.0	6.4	2.1	295.5	6.4	5.8	-2.8	293.6	307.8	5.2	73.6	1.1	182.
4.7	19.1	1678.4	825.0	6.4	2.5	285.0	6.2	5.9	-1.6	296.1	311.3	5.6	75.8	1.3	152.
5.5	21.2	1931.2	800.0	6.1	1.3	289.3	5.1	4.8	-1.7	298.3	312.9	5.3	71.3	1.5	144.
6.3	23.5	2190.9	775.0	4.3	-0.4	295.6	6.3	5.7	-2.7	299.1	312.5	4.8	71.6	1.8	140.
7.1	25.8	2457.5	750.0	3.9	-17.5	300.1	7.5	6.5	-3.7	301.0	305.7	1.6	24.3	2.1	136.
8.1	28.2	2732.2	725.0	2.5	-20.3	306.5	8.9	7.2	-5.3	302.4	305.6	1.0	16.5	2.5	134.
8.9	30.6	3015.1	700.0	1.0	-21.3	298.3	9.1	8.0	-4.3	303.8	306.9	1.0	16.9	3.0	133.
9.3	33.1	3306.1	675.0	-1.1	-19.7	290.1	9.5	8.9	-3.3	304.5	308.2	1.2	22.8	3.5	130.
10.9	35.6	3606.2	650.0	-2.9	-29.6	295.2	11.3	10.3	-4.8	305.7	307.4	0.5	10.7	4.1	127.
11.9	38.2	3915.6	625.0	-4.6	-30.8	293.3	13.3	12.2	-5.2	307.2	308.8	0.5	10.7	4.9	125.
13.1	40.7	4235.6	600.0	-6.8	-35.7	283.3	13.6	13.3	-3.1	308.3	309.3	0.3	7.9	5.8	123.
14.1	43.5	4566.0	575.0	-9.6	-38.4	277.5	14.4	14.2	-1.9	308.8	309.6	0.2	7.3	6.6	120.
15.3	46.3	4907.4	550.0	-12.6	-38.4	275.6	13.4	13.4	-1.3	309.1	310.0	0.2	9.3	7.5	117.
16.4	49.3	5260.8	525.0	-14.9	-40.3	269.9	15.0	15.0	0.0	310.5	311.2	0.2	9.3	8.3	114.
17.6	52.0	5629.0	500.0	-15.8	-44.5	265.0	18.0	18.0	1.6	313.7	314.2	0.1	6.4	9.4	111.
18.8	55.0	6013.5	475.0	-18.8	-35.2	268.4	17.5	17.5	0.5	314.6	316.0	0.4	21.9	10.6	104.
19.9	57.9	6413.7	450.0	-22.5	-37.9	266.3	17.3	17.2	1.1	315.0	316.1	0.3	22.8	11.7	100.
21.0	61.1	6830.6	425.0	-26.1	-35.5	266.5	14.2	14.1	0.9	315.6	317.1	0.4	41.6	12.8	104.
22.5	64.5	7267.5	400.0	-28.8	-33.5	259.9	12.2	12.0	2.1	317.6	319.5	0.6	63.4	13.9	103.
23.9	67.7	7726.5	375.0	-32.3	-37.6	252.8	17.3	16.6	5.1	318.8	320.2	0.4	58.9	14.8	101.
25.3	71.2	8210.4	350.0	-35.1	-38.0	252.5	20.1	19.2	6.1	321.4	322.8	0.4	74.4	16.3	98.
27.1	75.1	8722.7	325.0	-39.3	99.9	257.8	22.4	21.9	4.7	322.5	999.9	99.9	99.9	18.2	95.
28.8	79.2	9266.1	300.0	-43.2	99.9	256.9	26.5	25.8	6.0	324.5	999.9	99.9	99.9	20.7	93.
30.5	83.2	9846.4	275.0	-47.9	99.9	256.6	35.0	34.1	6.1	325.6	999.9	99.9	99.9	23.7	91.
32.5	87.6	10468.2	250.0	-53.0	99.9	249.9	41.2	38.7	14.3	327.3	999.9	99.9	99.9	28.3	88.
34.9	92.4	11140.3	225.0	-57.5	99.9	250.8	37.8	35.7	12.4	330.3	999.9	99.9	99.9	33.5	85.
37.2	97.4	11876.5	200.0	-60.5	99.9	251.2	33.8	32.0	10.9	336.9	999.9	99.9	99.9	38.3	83.
40.1	103.0	12706.0	175.0	-60.2	99.9	253.7	33.8	32.4	9.5	350.6	999.9	99.9	99.9	44.1	82.
43.3	109.3	13675.7	150.0	-58.0	99.9	265.2	29.6	29.5	2.5	370.2	999.9	99.9	99.9	50.2	82.
47.0	115.8	14827.3	125.0	-58.4	99.9	264.7	26.3	26.2	2.4	389.3	999.9	99.9	99.9	56.0	83.
51.7	124.0	16245.2	100.0	-54.6	99.9	262.1	21.1	20.9	2.9	422.2	999.9	99.9	99.9	63.2	82.
57.4	133.3	18082.1	75.0	-58.8	99.9	297.9	5.7	5.0	-2.7	449.7	999.9	99.9	99.9	68.0	83.
64.4	143.0	20626.3	50.0	-56.7	99.9	102.2	4.7	-4.6	1.0	509.8	999.9	99.9	99.9	70.5	83.
75.5	153.3	25090.2	25.0	-50.5	99.9	29.3	1.6	-0.8	-1.4	639.8	999.9	99.9	99.9	71.3	84.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 645
GREEN BAY, WIS

24 APRIL 1975
2115 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	7.0	210.0	989.5	7.8	1.0	70.0	5.1	-4.8	-1.7	282.3	293.2	4.2	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.3	331.7	975.0	6.9	0.3	24.4	4.1	-1.7	-3.7	282.7	293.2	4.0	62.7	0.2	242.
1.6	10.5	544.5	950.0	4.8	1.2	30.1	4.1	-2.0	-3.5	282.7	294.2	4.4	77.1	0.4	220.
2.5	12.7	761.4	925.0	2.8	1.0	6.8	4.1	-0.5	-4.0	282.8	294.4	4.4	87.7	0.6	215.
3.2	15.0	982.7	900.0	1.1	1.1	2.9	4.4	-0.2	-4.4	283.3	295.3	4.6	99.8	0.8	206.
3.9	17.1	1209.3	875.0	1.0	-5.4	32.4	4.8	-2.6	-4.0	285.2	293.1	2.9	62.1	1.0	204.
4.9	19.6	1444.1	850.0	4.0	-6.9	37.2	5.3	-3.2	-4.2	290.7	298.2	2.7	45.0	1.2	208.
5.7	21.8	1686.8	825.0	3.6	-9.3	19.7	3.4	-1.2	-3.2	292.7	299.2	2.3	38.1	1.5	208.
6.7	24.3	1935.9	800.0	2.1	-10.7	337.1	4.8	1.9	-4.4	293.6	299.9	2.2	39.2	1.6	205.
7.6	26.7	2192.0	775.0	2.5	-42.9	315.4	6.4	4.5	-4.5	296.5	296.9	0.1	1.8	1.8	196.
8.5	29.2	2457.0	750.0	2.6	-42.9	306.7	6.9	5.5	-4.1	299.4	299.8	0.1	1.8	2.0	197.
9.5	31.9	2729.9	725.0	1.2	-43.1	297.4	8.6	7.6	-3.9	300.7	301.1	0.1	2.0	2.2	176.
10.5	34.6	3011.2	700.0	-0.5	-43.5	295.2	9.6	8.7	-4.1	301.9	302.3	0.1	2.2	2.5	165.
11.6	37.1	3300.7	675.0	-1.8	-43.8	290.0	11.6	10.9	-4.0	303.6	304.0	0.1	2.3	3.0	154.
12.6	39.9	3599.7	650.0	-3.7	-26.1	285.0	11.7	11.3	-3.0	304.8	307.1	0.7	15.8	3.6	146.
13.8	42.6	3907.9	625.0	-6.2	-26.1	285.6	13.0	12.6	-3.5	305.4	307.7	0.7	18.9	4.2	138.
14.8	45.5	4225.9	600.0	-8.0	-40.6	288.6	13.7	13.0	-4.4	306.9	307.5	0.2	5.2	5.0	133.
16.1	48.5	4555.1	575.0	-10.3	-33.1	284.0	15.1	14.6	-3.7	307.9	309.3	0.4	13.3	6.0	129.
17.4	51.4	4895.7	550.0	-13.0	-35.4	281.2	16.1	15.8	-3.1	308.6	309.8	0.3	13.3	7.1	124.
18.7	54.6	5248.4	525.0	-15.8	-36.6	275.3	18.1	18.0	-1.7	309.4	310.5	0.3	14.7	8.3	120.
20.0	57.6	5614.6	500.0	-18.5	-37.9	269.9	18.1	18.1	0.0	310.5	311.5	0.3	16.1	9.6	116.
21.4	61.0	5994.8	475.0	-21.8	-37.4	265.6	20.1	20.0	1.6	311.0	312.0	0.3	22.7	11.0	112.
22.8	64.4	6391.4	450.0	-24.1	-40.0	269.1	21.8	21.8	0.4	313.0	313.9	0.3	21.2	12.7	109.
24.2	67.7	6606.7	425.0	-26.0	-52.7	265.9	20.9	20.8	1.5	315.6	315.8	0.1	6.1	14.4	106.
25.8	71.1	7241.8	400.0	-30.1	-55.3	269.9	19.5	19.5	0.0	315.8	316.0	0.1	6.5	16.1	104.
27.3	75.0	7657.6	375.0	-33.6	-57.6	275.4	21.8	21.8	-2.0	317.0	317.1	0.0	6.5	19.0	103.
29.0	79.0	8178.2	350.0	-36.9	-54.8	274.9	24.3	24.2	-2.1	318.9	319.1	0.1	13.5	20.4	102.
30.8	83.0	8625.7	325.0	-41.8	99.9	268.8	25.3	25.3	0.5	319.1	999.9	99.9	999.9	23.0	101.
32.7	87.2	9223.2	300.0	-46.2	99.9	270.9	27.9	27.9	-0.4	320.2	999.9	99.9	999.9	25.9	100.
34.6	91.8	9755.9	275.0	-50.4	99.9	267.1	33.8	33.8	1.7	322.2	999.9	99.9	999.9	29.4	96.
36.7	96.4	10410.8	250.0	-55.4	99.9	264.4	35.2	35.1	3.4	323.8	999.9	99.9	999.9	33.7	97.
39.0	101.5	11076.3	225.0	-58.1	99.9	262.1	33.7	33.4	4.7	329.4	999.9	99.9	999.9	38.4	95.
41.6	107.3	11823.0	200.0	-56.7	99.9	252.4	25.5	24.3	7.7	343.0	999.9	99.9	999.9	42.8	93.
44.4	113.3	12672.9	175.0	-56.7	99.9	260.8	30.6	30.2	4.9	356.4	999.9	99.9	999.9	47.3	92.
47.7	119.8	13648.2	150.0	-56.2	99.9	262.8	25.0	24.8	3.1	373.3	999.9	99.9	999.9	52.7	91.
51.3	127.0	14810.8	125.0	-54.8	99.9	259.1	27.2	26.7	5.2	395.8	999.9	99.9	999.9	58.2	90.
55.9	135.3	16241.1	100.0	-54.6	99.9	252.1	24.7	23.5	7.6	422.3	999.9	99.9	999.9	64.7	89.
61.8	143.3	18094.8	75.0	-55.3	99.9	280.4	9.2	9.1	-1.7	456.9	999.9	99.9	999.9	71.9	86.
70.0	152.0	20671.4	50.0	-53.6	99.9	143.7	5.6	-3.3	4.5	517.3	999.9	99.9	999.9	74.0	88.
83.2	160.7	25160.1	25.0	-50.7	99.9	14.8	2.8	-0.7	-2.7	639.3	999.9	99.9	999.9	75.5	88.

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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 654
MURON, S D

24 APRIL 1975
2015 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	392.0	964.1	15.0	10.6	120.0	7.2	-6.2	3.6	292.3	314.3	8.4	75.0	0.0	0.
99.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.2	10.7	516.4	950.0	12.8	8.8	132.8	6.9	-5.0	4.7	291.2	310.9	7.5	76.5	0.3	299.
1.0	13.0	739.9	925.0	10.7	8.5	141.6	7.6	-4.7	6.0	291.3	311.2	7.6	86.3	0.5	304.
1.6	15.3	968.3	900.0	9.7	6.7	169.2	8.3	-1.6	8.2	292.4	310.7	6.9	81.9	0.9	315.
2.3	17.5	1202.5	875.0	9.3	4.4	199.3	7.8	2.6	7.4	294.3	310.5	6.0	71.0	1.1	329.
3.1	20.1	1442.5	850.0	7.8	2.1	214.6	8.0	4.5	6.6	295.0	309.3	5.3	67.5	1.3	345.
3.8	22.3	1688.2	825.0	6.2	0.8	222.7	7.5	5.1	5.5	295.8	309.3	4.9	68.5	1.5	355.
4.8	25.0	1939.6	800.0	4.0	0.5	241.6	8.2	7.2	3.9	296.0	309.7	5.0	77.8	1.8	7.
5.6	27.3	2197.4	775.0	2.2	0.3	240.0	11.0	9.5	5.5	296.9	310.8	5.1	87.1	2.1	17.
6.7	29.9	2461.6	750.0	0.3	-1.7	244.5	14.0	12.6	6.0	297.4	310.0	4.5	86.5	2.7	30.
7.6	32.7	2732.8	725.0	-1.4	-3.5	240.2	15.3	13.3	7.6	298.4	308.4	3.5	74.1	3.4	38.
8.6	35.3	3012.0	700.0	-2.4	-25.0	234.1	16.4	13.3	9.6	299.9	302.2	0.7	15.8	4.3	42.
9.6	38.0	3300.0	675.0	-3.6	-37.3	227.4	16.7	12.3	11.3	301.6	302.4	0.2	5.2	5.3	44.
10.6	40.6	3597.1	650.0	-5.6	-47.3	221.8	16.3	10.8	12.1	302.6	302.9	0.1	2.1	6.3	44.
11.5	43.4	3903.1	625.0	-8.0	-46.9	218.6	15.9	9.9	12.4	303.2	303.5	0.1	2.6	7.2	43.
12.5	46.4	4218.4	600.0	-10.9	-42.3	218.8	15.6	9.8	12.1	303.5	304.0	0.2	5.4	8.1	43.
13.5	49.4	4543.7	575.0	-13.8	-38.0	217.6	15.1	9.2	12.0	303.9	304.7	0.3	11.0	9.1	42.
14.7	52.3	4879.6	550.0	-16.5	-35.2	217.4	15.2	9.2	12.1	304.5	305.6	0.3	18.1	10.1	42.
15.9	55.3	5227.3	525.0	-19.4	-25.9	217.7	15.9	9.7	12.6	305.2	308.0	0.9	56.1	11.2	41.
17.2	58.4	5588.7	500.0	-21.7	-24.9	221.8	16.1	10.7	12.0	306.7	309.9	1.0	74.6	12.4	41.
18.4	61.7	5964.6	475.0	-24.6	-29.7	226.7	16.0	11.7	11.0	307.5	309.8	0.7	62.6	13.6	41.
19.8	65.2	6356.2	450.0	-27.3	-32.5	229.7	16.5	12.6	10.7	308.9	310.8	0.5	60.6	15.0	42.
21.2	68.5	6765.3	425.0	-30.6	-36.5	235.4	19.2	15.8	10.9	309.8	311.1	0.4	55.7	16.4	43.
23.2	71.9	7193.3	400.0	-33.5	-48.2	232.6	23.1	18.4	14.1	311.4	311.8	0.1	21.5	19.1	44.
25.2	75.7	7643.6	375.0	-36.5	99.9	227.8	19.3	14.3	13.0	313.4	999.9	99.9	999.9	21.6	45.
26.8	79.7	8117.8	350.0	-40.5	99.9	213.5	18.6	10.3	15.5	314.2	999.9	99.9	999.9	23.3	45.
28.1	83.5	8618.3	325.0	-44.6	99.9	215.2	18.2	10.5	14.9	315.1	999.9	99.9	999.9	24.8	44.
29.8	87.6	9148.6	300.0	-49.2	99.9	225.2	18.2	12.9	12.8	316.0	999.9	99.9	999.9	26.6	44.
31.7	92.2	9717.3	275.0	-50.7	99.9	234.0	20.5	16.6	12.0	321.8	999.9	99.9	999.9	28.7	44.
33.6	96.6	10337.3	250.0	-51.1	99.9	236.6	23.9	20.0	13.2	330.1	999.9	99.9	999.9	31.5	45.
35.9	101.5	11019.9	225.0	-51.6	99.9	243.9	19.8	17.8	8.7	339.5	999.9	99.9	999.9	34.6	47.
38.3	107.0	11780.1	200.0	-53.9	99.9	245.8	19.0	17.3	7.8	347.4	999.9	99.9	999.9	36.8	48.
41.2	112.7	12638.2	175.0	-54.1	99.9	255.4	20.6	19.9	5.2	360.6	999.9	99.9	999.9	40.0	50.
44.5	118.8	13625.8	150.0	-53.9	99.9	262.4	19.9	19.7	2.6	377.2	999.9	99.9	999.9	44.3	53.
48.7	125.8	14801.0	125.0	-53.8	99.9	255.4	17.3	16.7	4.4	397.6	999.9	99.9	999.9	48.2	55.
53.6	133.3	16230.8	100.0	-53.8	99.9	239.7	11.2	9.7	5.7	423.7	999.9	99.9	999.9	52.8	57.
59.5	140.8	18078.4	75.0	-53.5	99.9	246.1	10.7	9.8	4.3	460.7	999.9	99.9	999.9	57.0	57.
67.2	149.3	20691.5	50.0	-53.4	99.9	207.2	4.5	2.1	4.0	517.6	999.9	99.9	999.9	58.3	57.
78.5	157.3	25208.4	25.0	-48.8	99.9	165.9	4.2	-1.0	4.1	644.8	999.9	99.9	999.9	59.3	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

246

STATION NO. 655
ST CLOUD, MINN

24 APRIL 1975
2015 GMT

156 29. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	316.0	979.0	9.6	4.8	90.0	2.6	-2.6	0.0	285.2	299.6	5.5	72.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	7.1	349.9	975.0	8.1	2.8	82.7	3.0	-3.0	-0.4	284.0	296.6	4.8	69.2	0.1	257.
0.9	9.4	563.9	950.0	6.1	3.5	89.1	3.0	-3.0	-0.0	284.1	297.5	5.2	83.2	0.2	259.
1.6	11.5	782.0	925.0	4.1	3.5	100.7	3.0	-2.9	0.6	284.2	298.0	5.3	95.8	0.3	267.
2.5	13.7	1004.3	900.0	2.1	1.9	94.1	3.0	-3.0	0.2	284.3	297.1	4.9	99.0	0.5	271.
3.4	15.8	1231.8	875.0	2.1	1.9	97.6	3.3	-3.3	0.4	286.6	299.8	5.0	98.7	0.6	274.
4.3	18.2	1466.1	850.0	1.9	-1.0	109.1	3.2	-3.0	1.1	288.6	299.9	4.2	81.4	0.8	275.
5.2	20.6	1706.6	825.0	0.6	-2.9	165.5	3.0	-0.7	2.9	289.7	299.9	3.7	77.2	0.9	280.
6.1	22.9	1953.6	800.0	0.1	-1.8	208.7	2.8	1.3	2.4	291.8	303.2	4.2	86.8	0.9	291.
6.9	25.3	2207.8	775.0	-0.2	-18.0	229.1	2.0	1.5	1.3	293.8	297.6	1.3	27.8	0.9	297.
7.9	27.7	2470.6	750.0	0.6	-40.0	261.2	2.6	2.6	0.4	297.2	297.8	0.2	2.9	0.8	304.
8.8	30.3	2742.0	725.0	-0.6	-8.9	999.9	99.9	99.9	99.9	299.2	307.0	2.7	53.6	999.9	999.
9.9	32.9	3021.2	700.0	-3.1	-10.6	999.9	99.9	99.9	99.9	299.3	306.4	2.4	56.3	999.9	999.
10.9	35.5	3308.5	675.0	-4.9	-10.5	999.9	99.9	99.9	99.9	300.5	307.9	2.5	64.6	999.9	999.
11.9	38.1	3604.2	650.0	-6.2	-41.6	999.9	99.9	99.9	99.9	302.0	302.5	0.2	4.1	999.9	999.
13.1	40.8	3909.9	625.0	-8.2	-43.6	259.4	9.4	9.3	1.7	303.1	303.5	0.1	3.8	1.9	66.
14.2	43.6	4226.1	600.0	-9.9	-19.0	258.2	9.6	9.4	2.0	304.8	309.2	1.4	47.2	2.5	69.
15.5	46.6	4553.3	575.0	-12.1	-22.6	259.9	8.8	8.7	1.5	306.0	309.4	1.1	41.5	3.2	71.
16.7	49.6	4891.7	550.0	-14.6	-20.5	264.4	9.4	9.4	0.9	306.9	311.1	1.4	60.9	3.8	73.
17.8	52.4	5242.6	525.0	-17.2	-24.3	255.8	10.9	10.6	2.7	307.9	311.1	1.0	53.6	4.5	75.
19.2	55.5	5607.0	500.0	-19.3	-34.7	242.1	14.8	13.1	6.9	309.6	310.9	0.4	24.3	5.5	73.
20.6	58.7	5986.4	475.0	-22.2	-43.5	235.9	15.5	12.8	8.7	310.5	311.1	0.2	12.3	6.9	70.
21.9	62.0	6380.9	450.0	-25.8	-38.6	237.6	14.2	12.0	7.6	310.8	311.8	0.3	28.6	8.0	68.
23.4	65.4	6792.1	425.0	-29.5	-41.8	242.8	12.3	10.9	5.6	311.2	312.0	0.2	28.8	9.1	67.
25.0	69.0	7221.6	400.0	-33.1	-41.5	251.3	11.2	10.6	3.6	312.0	312.8	0.2	42.3	10.2	67.
26.5	72.5	7671.9	375.0	-37.1	-48.3	255.0	14.1	13.6	3.7	312.5	312.9	0.1	29.8	11.3	68.
28.3	76.4	8145.1	350.0	-41.2	99.9	259.5	16.7	16.4	3.1	313.2	999.9	99.9	999.9	12.9	69.
30.0	80.4	8643.7	325.0	-45.6	99.9	253.7	19.7	18.9	5.5	313.9	999.9	99.9	999.9	14.8	70.
31.8	84.7	9171.9	300.0	-49.8	99.9	253.3	24.7	23.6	7.1	315.2	999.9	99.9	999.9	17.2	70.
33.8	89.0	9735.7	275.0	-53.8	99.9	248.7	28.9	26.9	10.5	317.3	999.9	99.9	999.9	20.4	71.
35.7	93.8	10342.8	250.0	-57.2	99.9	238.7	28.5	24.4	14.8	321.0	999.9	99.9	999.9	23.7	70.
37.9	98.8	11003.0	225.0	-59.8	99.9	246.3	27.2	24.9	10.9	326.9	999.9	99.9	999.9	27.4	68.
40.5	104.2	11744.0	200.0	-57.7	99.9	256.8	25.3	24.7	5.8	341.5	999.9	99.9	999.9	31.3	69.
43.3	110.2	12592.8	175.0	-55.6	99.9	259.6	19.7	19.3	3.6	358.1	999.9	99.9	999.9	35.3	71.
46.6	116.7	13573.6	150.0	-56.3	99.9	253.3	22.3	21.3	6.4	373.1	999.9	99.9	999.9	39.9	71.
50.5	124.3	14738.1	125.0	-56.4	99.9	256.6	17.1	16.7	4.0	392.9	999.9	99.9	999.9	44.3	72.
55.2	132.7	16165.2	100.0	-53.6	99.9	237.2	15.7	13.2	8.5	424.2	999.9	99.9	999.9	49.8	72.
61.5	142.0	18018.4	75.0	-52.2	99.9	227.7	13.0	9.6	8.7	463.4	999.9	99.9	999.9	55.6	71.
69.4	151.7	20614.1	50.0	-52.0	99.9	225.0	1.8	1.3	1.3	521.0	999.9	99.9	999.9	57.9	71.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 662
RAPID CITY, S D

24 APRIL 1975
2015 GMT

143 25. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	956.0	902.1	15.6	4.6	320.0	10.3	6.6	-7.9	258.2	314.5	5.9	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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.
0.0	14.3	985.8	900.0	14.9	4.4	324.2	10.9	6.4	-8.8	297.7	313.7	5.8	49.2	0.1	33.
0.8	16.3	1221.9	875.0	10.5	2.1	334.9	13.6	5.8	-12.3	295.3	309.3	5.1	56.0	0.7	159.
1.5	18.5	1462.5	850.0	7.9	1.1	325.9	12.2	6.9	-10.1	295.1	308.5	4.9	62.1	1.2	156.
2.3	20.7	1708.0	825.0	5.7	-1.2	312.7	12.9	9.5	-8.7	295.2	307.0	4.3	60.9	1.8	150.
3.2	22.9	1959.0	800.0	3.9	-3.0	304.8	14.0	11.5	-8.0	295.8	306.5	3.8	60.3	2.5	144.
4.0	25.2	2216.3	775.0	1.6	-4.7	303.8	14.1	11.7	-7.8	296.0	305.8	3.5	62.9	3.2	139.
5.1	27.5	2479.5	750.0	-1.0	-7.2	306.6	13.4	10.7	-8.0	295.9	304.4	3.0	62.6	4.0	136.
6.0	30.0	2749.0	725.0	-2.9	-11.1	302.0	15.2	12.9	-8.1	296.5	303.1	2.3	53.1	4.8	135.
6.7	32.5	3028.1	700.0	-2.3	-22.1	297.4	14.2	12.6	-6.5	300.0	302.9	0.9	20.1	5.4	133.
7.4	35.1	3315.7	675.0	-4.2	-22.5	292.2	13.8	12.8	-5.2	301.0	303.9	0.9	22.5	6.0	131.
8.3	37.5	3612.1	650.0	-6.4	-20.6	288.1	13.5	12.8	-4.2	301.8	305.4	1.2	31.9	6.6	129.
9.2	40.1	3917.5	625.0	-8.2	-25.1	291.8	14.8	13.7	-5.5	303.2	305.7	0.8	24.4	7.3	127.
10.1	42.7	4233.0	600.0	-10.7	-31.8	299.2	15.9	13.8	-7.7	303.8	305.2	0.4	15.5	8.2	125.
11.1	45.6	4559.1	575.0	-12.8	-30.4	307.3	14.9	11.9	-9.0	305.1	306.8	0.5	21.2	9.1	125.
12.1	48.4	4897.3	550.0	-14.4	-38.4	313.6	16.5	11.9	-11.4	306.9	307.8	0.2	11.0	10.0	126.
13.2	51.3	5248.8	525.0	-16.2	-39.6	317.1	19.5	13.3	-14.3	308.9	309.7	0.2	11.2	11.2	127.
14.3	54.3	5613.9	500.0	-19.1	-41.7	316.3	19.3	13.3	-13.9	309.7	310.4	0.2	11.5	12.4	128.
15.4	57.3	5993.1	475.0	-22.5	-44.2	310.1	20.9	16.0	-13.4	310.1	310.6	0.2	11.8	13.7	129.
16.5	60.5	6387.2	450.0	-25.9	-46.6	304.2	22.5	18.6	-12.7	310.7	311.1	0.1	12.2	15.2	128.
17.7	64.0	6797.8	425.0	-29.9	-49.6	301.7	24.2	20.6	-12.7	310.6	311.0	0.1	12.6	16.8	128.
18.8	67.3	7227.5	400.0	-33.1	-52.0	304.5	25.1	20.7	-14.2	312.0	312.2	0.1	12.9	18.5	127.
20.0	70.9	7677.9	375.0	-36.6	-54.7	305.9	24.7	20.0	-14.5	313.0	313.3	0.1	13.3	20.2	127.
21.2	74.7	8151.6	350.0	-40.8	99.9	305.9	23.4	18.9	-13.7	313.7	999.9	99.9	999.9	22.1	127.
22.6	78.8	8651.1	325.0	-45.2	99.9	305.4	24.2	19.7	-14.0	314.4	999.9	99.9	999.9	24.0	127.
24.1	82.8	9180.9	300.0	-49.1	99.9	305.4	23.9	19.5	-13.8	316.2	999.9	99.9	999.9	26.2	127.
25.6	87.0	9746.0	275.0	-53.7	99.9	300.5	26.8	23.1	-13.6	317.5	999.9	99.9	999.9	28.4	127.
27.3	91.7	10353.5	250.0	-57.1	99.9	298.3	25.1	22.1	-11.9	321.2	999.9	99.9	999.9	31.0	126.
29.0	96.6	11018.4	225.0	-57.1	99.9	295.2	22.3	20.2	-9.5	331.0	999.9	99.9	999.9	33.8	125.
31.2	101.8	11764.6	200.0	-56.0	99.9	269.4	26.0	26.0	0.2	344.1	999.9	99.9	999.9	36.4	123.
33.7	107.8	12619.6	175.0	-54.9	99.9	275.1	17.1	17.0	-1.5	359.3	999.9	99.9	999.9	39.0	121.
36.8	114.3	13601.5	150.0	-55.7	99.9	273.6	21.3	21.3	-1.4	374.1	999.9	99.9	999.9	42.4	118.
40.4	121.3	14753.9	125.0	-55.5	99.9	265.9	25.0	24.9	1.8	394.6	999.9	99.9	999.9	46.3	115.
44.4	129.7	16180.9	100.0	-54.0	99.9	258.6	16.3	16.0	3.2	423.5	999.9	99.9	999.9	50.7	112.
49.1	138.0	18013.4	75.0	-51.0	99.9	250.1	12.1	11.4	4.1	466.0	999.9	99.9	999.9	53.1	109.
55.9	146.7	20632.1	50.0	-52.5	99.9	314.8	2.6	1.8	-1.8	515.8	999.9	99.9	999.9	54.4	107.
67.7	156.0	25129.7	25.0	-49.8	99.9	999.9	99.9	99.9	99.9	641.4	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. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
2026 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	180.0	995.4	25.9	17.5	210.0	3.6	1.8	3.1	301.2	335.4	12.8	60.0	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	362.2	975.0	24.1	16.5	200.2	9.7	3.4	9.1	301.1	333.8	12.2	62.4	0.3	16.
1.7	9.9	589.2	950.0	21.9	16.2	204.4	9.1	3.8	8.3	301.1	334.0	12.3	70.1	0.8	20.
2.4	11.9	820.3	925.0	19.3	15.4	208.6	10.2	4.9	9.0	300.6	332.7	12.0	78.3	1.2	22.
3.2	14.2	1055.8	900.0	17.1	15.0	222.5	10.2	6.9	7.5	300.7	333.0	12.1	87.6	1.7	25.
4.0	16.2	1296.3	875.0	15.4	14.3	234.5	10.4	8.4	6.0	301.3	333.1	11.8	93.3	2.2	31.
4.9	18.5	1541.8	850.0	12.8	12.2	250.5	13.7	12.9	4.6	300.9	329.5	10.6	96.4	2.7	37.
5.7	20.7	1793.1	825.0	12.2	10.5	265.4	15.1	15.0	1.2	302.7	329.3	9.7	89.5	3.3	46.
6.7	22.9	2050.9	800.0	10.3	9.3	263.5	17.3	17.2	2.0	303.3	328.6	9.2	93.5	4.0	54.
7.6	25.3	2315.4	775.0	9.2	7.5	261.4	18.0	17.8	2.7	304.8	328.3	8.5	89.2	5.0	60.
8.7	27.6	2587.0	750.0	7.2	5.6	261.1	18.3	18.1	2.8	305.4	326.8	7.7	89.3	6.2	64.
9.8	30.1	2865.5	725.0	5.0	3.2	263.4	17.4	17.3	2.0	305.9	324.7	6.7	87.7	7.3	67.
11.0	32.7	3151.5	700.0	2.9	1.7	264.5	18.1	18.0	1.7	306.5	324.2	6.2	91.8	8.4	70.
11.9	35.3	3445.7	675.0	1.3	-2.9	262.8	18.0	17.8	2.3	307.7	321.9	4.9	88.2	9.4	71.
12.9	37.8	3750.0	650.0	1.1	-11.2	259.8	19.3	19.0	3.4	310.5	318.1	2.5	39.1	10.4	72.
13.9	40.4	4064.4	625.0	-0.8	-26.9	257.1	22.1	21.5	4.9	311.7	314.4	0.8	14.5	11.7	73.
15.0	43.1	4389.2	600.0	-2.4	-32.3	258.8	24.6	24.2	4.8	313.4	314.8	0.4	7.8	13.3	73.
16.3	46.0	4725.3	575.0	-4.8	-32.7	264.9	25.3	25.2	2.3	314.4	315.9	0.4	9.0	15.2	74.
17.8	49.0	5073.0	550.0	-7.5	-36.4	273.9	27.7	27.7	-1.9	315.2	316.3	0.3	7.7	17.4	76.
18.9	51.9	5434.4	525.0	-8.4	-41.3	276.3	29.2	29.0	-3.2	318.3	319.0	0.2	4.9	19.4	78.
20.2	55.0	5810.3	500.0	-12.0	-21.5	282.9	29.1	28.4	-6.5	318.6	323.0	1.4	44.7	21.3	80.
21.3	58.1	6201.3	475.0	-14.3	-29.2	280.8	29.9	29.3	-5.6	320.3	322.7	0.7	27.0	23.3	82.
22.6	61.4	6608.5	450.0	-18.0	-38.3	279.7	29.1	28.7	-4.9	320.5	321.6	0.3	14.9	25.4	84.
23.8	65.0	7032.4	425.0	-21.6	-53.7	279.3	28.7	28.3	-4.6	321.3	321.5	0.1	3.6	27.5	85.
25.3	68.4	7476.3	400.0	-25.1	-55.4	278.3	26.7	26.5	-3.9	322.3	322.5	0.0	4.0	29.7	86.
26.6	72.0	7541.3	375.0	-28.9	-54.0	276.4	25.2	25.0	-2.8	323.2	323.5	0.1	6.8	32.2	87.
28.6	76.0	8430.1	350.0	-33.7	-41.6	279.6	22.6	22.3	-3.8	323.3	324.3	0.3	44.3	34.5	88.
30.5	80.1	8946.6	325.0	-36.8	-42.3	281.3	19.3	19.0	-3.8	325.9	326.9	0.3	56.2	36.9	89.
32.3	84.5	9496.6	300.0	-40.8	99.9	277.2	18.6	18.5	-2.3	327.8	999.9	99.9	999.9	38.9	89.
34.2	89.0	10081.6	275.0	-46.3	99.9	281.9	16.1	15.8	-3.3	328.1	999.9	99.9	999.9	40.9	89.
36.2	94.0	10707.4	250.0	-51.5	99.9	285.1	12.8	12.3	-3.3	329.6	999.9	99.9	999.9	42.4	90.
38.3	99.2	11382.8	225.0	-57.6	99.9	273.5	11.8	11.8	-0.7	330.3	999.9	99.9	999.9	43.8	91.
40.3	104.8	12116.6	200.0	-62.6	99.9	263.3	19.4	19.3	2.2	333.6	999.9	99.9	999.9	45.5	90.
42.8	111.0	12937.1	175.0	-62.5	99.9	278.9	32.7	32.3	-5.1	346.7	999.9	99.9	999.9	49.8	91.
45.7	117.8	13895.9	150.0	-61.2	99.9	275.4	29.7	29.5	-2.8	364.7	999.9	99.9	999.9	55.5	91.
49.0	125.8	15026.6	125.0	-61.2	99.9	262.8	29.2	28.9	3.6	384.1	999.9	99.9	999.9	61.0	91.
52.7	134.5	16391.9	100.0	-65.9	99.9	274.2	18.5	18.5	-1.3	400.5	999.9	99.9	999.9	66.4	91.
57.6	143.7	18122.3	75.0	-68.4	99.9	273.3	8.0	8.0	-0.5	429.5	999.9	99.9	999.9	70.6	91.
64.4	154.0	20606.9	50.0	-60.7	99.9	274.6	5.1	5.1	-0.4	500.4	999.9	99.9	999.9	72.5	91.
74.8	165.5	25018.5	25.0	-51.8	99.9	41.5	5.6	-3.7	-4.2	635.8	999.9	99.9	999.9	73.2	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

Sounding Data

25 April 1975

0000 GMT

330 - 341
SL

STATION NO. 208
CHARLESTON, SC

24 APRIL 1975
2315 GMT

159 21. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	13.0	1018.3	22.2	15.5	210.0	7.2	3.6	6.2	255.3	324.2	11.0	66.0	0.0	0.
0.4	5.9	170.8	1000.0	21.2	14.9	217.9	7.9	4.9	6.3	295.8	324.1	10.7	67.1	0.3	25.
1.1	6.1	389.6	975.0	19.1	14.5	213.5	9.1	5.0	7.6	295.8	324.1	10.8	75.0	0.6	30.
1.8	10.3	612.7	950.0	17.1	12.9	214.5	10.9	6.2	9.0	295.9	322.2	9.9	76.3	1.1	31.
2.6	12.4	840.5	925.0	16.6	13.1	231.8	9.7	7.7	6.0	297.7	325.2	10.3	79.7	1.6	34.
3.5	14.7	1074.2	900.0	15.9	10.9	249.3	10.0	9.4	3.5	299.1	323.8	9.2	72.3	2.0	41.
4.2	16.8	1313.5	875.0	14.5	9.0	252.7	11.4	10.9	3.4	300.0	322.5	8.3	69.5	2.5	47.
5.2	19.2	1558.2	850.0	12.8	7.2	245.9	11.2	10.2	4.6	300.6	321.1	7.5	68.4	3.0	52.
6.1	21.4	1808.6	825.0	10.9	3.9	238.8	12.4	10.6	6.5	301.0	318.3	6.3	62.6	3.7	53.
7.0	23.9	2064.9	800.0	10.2	-11.5	246.9	11.8	10.9	4.6	302.3	308.3	2.0	20.5	4.3	54.
8.0	26.2	2329.0	775.0	10.4	-7.7	250.7	12.8	12.1	4.2	305.4	313.6	2.8	27.1	5.0	57.
8.9	28.8	2601.1	750.0	8.7	-0.9	256.8	12.5	12.2	2.9	306.7	320.5	4.8	51.1	5.7	58.
9.8	31.4	2891.3	725.0	7.6	-2.6	269.0	12.6	12.6	0.2	308.3	321.1	4.4	48.5	6.3	61.
10.8	34.1	3169.9	700.0	7.1	-11.6	274.1	13.2	13.1	-0.9	310.6	317.5	2.3	25.1	7.0	64.
11.9	36.7	3468.0	675.0	4.9	-6.5	273.8	13.5	13.4	-0.9	311.6	322.0	3.5	43.6	7.8	68.
13.0	39.4	3774.6	650.0	2.3	-5.8	279.9	14.8	14.5	-2.5	312.0	323.4	3.8	55.3	8.6	71.
14.0	42.1	4090.4	625.0	0.2	-8.4	287.8	16.2	15.4	-4.9	313.1	322.9	3.2	52.3	9.5	74.
15.2	45.0	4416.6	600.0	-1.8	-7.6	295.7	15.0	13.5	-6.5	314.5	323.4	3.6	64.6	10.3	78.
16.4	48.1	4754.3	575.0	-4.1	-9.1	291.0	14.8	13.8	-5.3	315.6	325.8	3.3	67.6	11.2	81.
17.7	50.9	5103.3	550.0	-7.1	-10.7	289.9	15.5	14.6	-5.3	316.0	325.4	3.1	75.6	12.3	84.
19.1	54.1	5464.7	525.0	-9.7	-15.8	289.1	13.2	12.4	-4.3	317.0	323.7	2.1	61.1	13.4	86.
20.5	57.1	5839.6	500.0	-12.6	-17.4	294.9	12.4	11.2	-5.2	317.8	324.0	1.9	67.2	14.4	88.
21.8	60.6	6229.9	475.0	-14.8	-20.1	292.6	12.0	10.6	-5.8	319.8	325.1	1.6	64.1	15.2	90.
23.1	64.0	6637.5	450.0	-17.3	-25.2	297.9	12.2	10.8	-5.7	321.6	325.2	1.1	49.9	16.1	91.
24.6	67.3	7063.8	425.0	-20.3	-44.4	301.4	14.2	12.1	-7.4	322.9	323.5	0.2	9.4	17.0	93.
26.2	70.9	7509.2	400.0	-24.3	-47.1	295.0	14.1	12.8	-6.0	323.4	323.9	0.1	9.9	18.3	95.
28.3	74.8	7976.5	375.0	-27.4	-49.3	296.0	14.8	13.3	-6.5	325.3	325.7	0.1	10.2	20.0	97.
30.5	79.0	8469.2	350.0	-31.3	-52.1	290.6	14.0	13.1	-4.9	326.4	326.8	0.1	10.7	21.9	98.
32.6	83.0	8988.9	325.0	-36.0	-55.5	291.1	14.2	13.2	-5.1	327.0	327.2	0.1	11.2	23.7	99.
34.8	87.2	9538.8	300.0	-41.2	99.9	291.2	14.6	13.7	-5.3	327.3	999.9	99.9	999.9	25.6	100.
37.3	91.8	10123.5	275.0	-45.8	99.9	292.2	17.4	16.1	-6.6	329.0	999.9	99.9	999.9	27.8	101.
40.1	96.4	10750.6	250.0	-51.4	99.9	289.8	15.9	15.0	-5.4	329.6	999.9	99.9	999.9	30.6	102.
43.3	101.5	11427.5	225.0	-55.3	99.9	287.1	14.3	13.7	-4.2	333.7	999.9	99.9	999.9	33.6	103.
46.7	107.3	12168.3	200.0	-61.3	99.9	286.9	18.0	17.7	-3.4	335.8	999.9	99.9	999.9	36.9	102.
50.5	113.3	12991.7	175.0	-62.6	99.9	284.7	30.6	29.6	-7.8	346.7	999.9	99.9	999.9	42.1	102.
55.1	119.7	13948.2	150.0	-59.5	99.9	286.7	25.9	24.5	-8.3	367.7	999.9	99.9	999.9	50.2	103.
60.3	127.0	15078.1	125.0	-63.5	99.9	285.5	25.2	24.3	-6.7	379.9	999.9	99.9	999.9	56.8	104.
66.2	135.0	16432.7	100.0	-69.4	99.9	272.8	20.0	20.0	-1.0	393.7	999.9	99.9	999.9	63.6	104.
73.6	142.7	18157.9	75.0	-68.9	99.9	312.7	6.4	4.7	-4.4	428.6	999.9	99.9	999.9	70.4	105.
84.1	151.5	20628.1	50.0	-62.5	99.9	276.0	3.0	3.0	-0.3	496.3	999.9	99.9	999.9	73.1	105.
100.0	160.7	25012.5	25.0	-53.3	99.9	65.6	8.5	-7.8	-3.5	631.8	999.9	99.9	999.9	74.0	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

STATION NO. 211
TAMPA, FLA

24 APRIL 1975
2315 GMT

166 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	8.0	1018.7	26.0	16.5	295.0	5.2	4.7	-2.2	299.2	330.4	11.7	56.0	0.0	0.
0.7	6.2	170.7	1000.0	23.6	14.4	316.2	4.7	3.3	-3.4	298.2	326.0	10.4	56.4	0.3	111.
1.6	6.5	391.8	975.0	22.1	14.3	304.1	4.4	3.7	-2.5	298.8	327.1	10.6	61.6	0.5	126.
2.3	10.8	617.7	950.0	21.7	13.0	306.7	1.9	1.5	-1.1	300.6	327.5	10.0	57.8	0.7	120.
3.3	13.3	848.8	925.0	20.5	10.5	102.3	2.2	-2.2	0.5	301.4	325.1	8.7	52.9	0.6	124.
4.3	15.7	1094.9	900.0	18.4	9.2	108.3	3.9	-3.7	1.2	301.5	323.9	8.2	55.2	0.5	130.
5.2	18.1	1325.6	875.0	16.0	8.0	105.6	5.5	-5.2	1.9	301.4	322.6	7.7	58.9	0.2	157.
6.1	20.6	1571.5	850.0	13.9	7.4	113.1	5.7	-5.2	2.2	301.7	322.8	7.7	65.1	0.2	239.
7.1	23.1	1822.5	825.0	11.6	7.1	122.5	6.3	-5.3	3.4	301.9	323.1	7.7	73.8	0.5	276.
8.1	25.5	2079.2	800.0	9.2	4.8	120.4	5.3	-4.6	2.7	301.8	320.5	6.8	73.8	0.8	289.
9.1	28.1	2342.2	775.0	9.6	-13.3	101.7	2.9	-2.9	0.6	304.4	309.8	1.8	18.4	1.1	290.
10.3	30.9	2615.0	750.0	10.1	-15.2	343.0	2.1	0.6	-2.1	307.8	312.6	1.6	15.2	1.2	287.
11.3	33.7	2895.8	725.0	9.0	-13.3	350.2	5.4	0.9	-5.3	309.6	315.4	1.9	19.2	1.0	277.
12.3	36.3	3185.4	700.0	7.4	-8.5	351.8	7.5	1.1	-7.4	311.0	319.8	2.9	31.6	1.0	252.
13.6	39.2	3483.9	675.0	5.8	-7.6	347.6	8.4	1.8	-8.2	312.5	322.2	3.2	37.6	1.2	225.
14.7	42.0	3791.7	650.0	3.5	-6.4	352.8	9.3	1.2	-9.2	313.4	324.4	3.7	48.4	1.7	206.
15.9	45.0	4109.4	625.0	1.8	-8.0	2.6	9.9	-0.4	-9.9	315.0	325.1	3.3	47.9	2.3	195.
17.1	48.1	4437.3	600.0	-0.5	-10.5	355.6	9.5	0.7	-9.5	315.9	324.7	2.9	46.5	3.0	195.
18.4	51.0	4776.7	575.0	-2.5	-12.5	342.3	10.5	3.2	-10.0	317.4	325.3	2.5	46.1	3.7	190.
19.8	54.3	5129.1	550.0	-3.7	-16.4	325.1	8.9	5.1	-7.3	319.9	326.1	1.9	36.6	4.4	183.
21.3	57.4	5494.6	525.0	-6.6	-17.0	320.8	7.9	5.0	-6.1	320.7	326.8	1.9	43.4	5.0	178.
22.8	60.9	5873.7	500.0	-9.6	-17.4	308.1	8.4	6.6	-5.2	321.5	327.8	1.9	52.6	5.5	173.
24.4	64.5	6267.6	475.0	-12.9	-19.9	308.3	9.2	7.2	-5.7	322.1	327.5	1.7	55.8	6.2	167.
26.0	67.9	6677.5	450.0	-16.1	-25.3	320.2	11.0	7.1	-8.5	323.1	326.8	1.1	44.8	7.0	162.
27.7	71.4	7105.8	425.0	-18.9	-27.9	315.2	13.4	9.4	-9.5	324.8	327.9	0.9	44.5	8.1	159.
29.4	75.3	7555.2	400.0	-21.5	-32.9	302.8	15.5	13.0	-8.4	327.1	329.2	0.6	34.7	9.4	154.
31.2	79.5	8026.9	375.0	-25.9	-36.1	303.2	15.8	13.3	-8.7	327.3	328.9	0.5	37.5	10.9	150.
33.1	83.5	8522.8	350.0	-29.9	-37.9	292.1	15.9	14.7	-6.0	328.4	329.9	0.4	45.2	12.5	145.
35.0	87.7	9046.1	325.0	-33.7	-42.0	282.7	19.5	19.0	-4.3	330.1	331.2	0.3	42.8	14.1	140.
37.3	92.3	9602.3	300.0	-38.5	-47.5	285.9	21.2	20.4	-5.8	331.1	331.7	0.2	37.6	16.3	134.
39.5	97.0	10194.2	275.0	-43.0	99.9	299.2	26.8	23.4	-13.0	332.9	999.9	99.9	999.9	19.1	131.
41.8	101.8	10830.6	250.0	-47.7	99.9	257.6	30.0	26.6	-13.9	335.1	999.9	99.9	999.9	23.3	129.
44.6	107.5	11517.3	225.0	-53.8	99.9	295.5	33.0	29.8	-14.2	336.1	999.9	99.9	999.9	28.4	127.
47.5	113.3	12262.9	200.0	-60.1	99.9	290.8	31.3	29.2	-11.1	337.6	999.9	99.9	999.9	33.8	125.
50.5	119.5	13084.5	175.0	-66.0	99.9	286.3	27.4	26.3	-7.7	341.0	999.9	99.9	999.9	38.6	122.
54.1	126.5	14041.0	150.0	-59.9	99.9	297.9	22.9	20.2	-10.7	367.0	999.9	99.9	999.9	44.5	122.
59.3	134.3	15161.4	125.0	-65.7	99.9	276.3	23.4	23.2	-2.6	376.0	999.9	99.9	999.9	49.2	120.
63.3	142.0	16499.7	100.0	-65.8	99.9	286.7	8.8	8.4	-2.5	393.0	999.9	99.9	999.9	54.9	118.
69.3	150.7	18199.5	75.0	-72.0	99.9	331.2	5.9	2.8	-5.2	422.0	999.9	99.9	999.9	57.0	118.
77.5	160.0	20636.0	50.0	-60.4	99.9	312.2	4.7	3.5	-3.2	501.2	999.9	99.9	999.9	57.3	119.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

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

STATION NO. 213
WAYCROSS, GA

24 APRIL 1975
2315 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP 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	1013.5	27.0	14.7	190.0	3.2	0.6	3.2	300.4	328.6	10.5	47.0	0.0	0.
0.4	4.8	122.6	1000.0	26.6	15.2	224.3	6.5	4.5	4.6	301.2	330.8	11.0	49.8	0.2	58.
1.1	6.8	385.6	975.0	24.4	13.3	225.2	5.8	4.1	4.1	301.1	327.9	9.9	49.9	0.4	51.
2.0	9.0	612.5	950.0	22.5	12.7	223.3	6.5	4.5	4.7	301.4	327.9	9.8	53.7	0.7	48.
2.8	10.9	843.9	925.0	20.4	11.7	224.2	5.4	3.8	3.9	301.4	326.8	9.4	57.3	1.0	47.
3.9	13.2	1079.7	900.0	17.9	10.9	222.8	5.8	3.9	4.2	301.2	326.1	9.2	63.6	1.3	46.
4.5	15.4	1320.3	875.0	15.7	10.4	227.0	5.5	4.0	3.8	301.3	326.1	9.1	71.0	1.6	46.
5.3	17.5	1565.9	850.0	13.4	9.1	232.6	5.5	4.4	3.4	301.3	324.8	8.6	75.3	1.8	46.
6.2	20.0	1816.6	825.0	11.0	7.7	239.6	5.6	4.9	2.8	301.3	323.2	8.0	80.1	2.1	46.
7.1	22.2	2073.3	800.0	9.0	7.0	237.5	6.4	5.4	3.4	301.8	323.4	7.9	87.3	2.4	46.
7.9	24.6	2336.1	775.0	8.2	-0.5	238.5	6.1	5.2	3.2	303.3	316.9	4.8	54.6	2.8	50.
8.8	26.9	2607.8	750.0	9.5	-1.9	243.6	6.0	5.4	2.7	307.5	320.6	4.5	45.4	3.1	51.
9.7	29.5	2882.7	725.0	8.0	-1.5	265.3	6.8	6.7	0.6	308.9	322.7	4.7	50.8	3.4	53.
10.6	32.1	3177.6	700.0	7.0	-12.2	282.9	8.6	8.4	-1.9	310.5	317.1	2.1	24.0	3.7	57.
11.6	34.8	3476.2	675.0	5.7	-7.5	289.9	9.3	8.8	-3.2	312.5	322.2	3.2	37.9	4.1	63.
12.7	37.3	3784.0	650.0	3.8	-11.1	291.7	9.9	9.2	-3.7	313.6	321.4	2.5	32.5	4.5	69.
13.8	40.1	4101.2	625.0	1.4	-9.4	296.3	10.5	9.4	-4.7	314.4	323.7	3.0	44.6	5.1	75.
14.9	42.8	4429.4	600.0	-1.3	-11.5	300.6	11.6	10.0	-5.9	314.9	323.1	2.6	45.8	5.6	80.
16.0	45.0	4765.9	575.0	-4.3	-7.9	301.1	11.4	9.8	-5.9	315.4	326.6	3.7	76.3	6.2	85.
17.2	48.6	5115.2	550.0	-6.9	-10.2	302.0	11.1	9.5	-5.9	316.2	326.0	3.2	77.1	6.8	89.
18.5	51.5	5477.2	525.0	-8.3	-15.8	310.9	10.4	7.9	-6.8	318.6	325.4	2.1	54.5	7.5	93.
19.7	54.6	5854.3	500.0	-11.1	-19.3	307.8	11.9	9.4	-7.3	319.7	325.1	1.6	50.3	8.1	96.
21.0	57.7	6246.2	475.0	-14.0	-22.7	307.8	11.6	9.2	-7.1	320.7	325.0	1.3	47.6	9.0	99.
22.4	61.0	6654.4	450.0	-16.9	-22.9	304.8	10.9	9.0	-6.2	322.1	326.6	1.3	59.4	9.4	102.
23.9	64.4	7081.0	425.0	-20.3	-25.3	298.4	10.5	9.2	-5.0	323.0	326.8	1.1	64.1	10.7	103.
25.6	67.8	7527.0	400.0	-24.1	-27.2	300.8	14.0	12.0	-7.2	323.8	327.2	1.0	75.4	11.9	105.
27.3	71.3	7994.4	375.0	-27.5	-43.0	298.1	17.5	15.4	-8.3	325.2	326.0	0.2	20.9	13.5	107.
29.0	75.2	8497.2	350.0	-30.8	-62.9	293.0	19.4	17.9	-7.6	327.2	327.2	0.0	2.6	15.3	108.
30.8	79.2	9008.2	325.0	-35.5	-59.4	286.2	18.4	17.6	-5.1	327.5	327.6	0.0	6.6	17.4	108.
32.8	83.2	9558.6	300.0	-41.0	99.9	285.8	17.6	16.9	-4.8	327.5	999.9	99.9	999.9	19.6	108.
34.6	87.3	10144.5	275.0	-45.6	99.9	297.0	17.5	15.6	-7.9	329.2	999.9	99.9	999.9	21.4	108.
36.8	92.0	10773.1	250.0	-50.1	99.9	295.3	20.3	18.4	-8.7	331.6	999.9	99.9	999.9	23.6	109.
39.2	97.0	11453.6	225.0	-55.3	99.9	287.8	17.3	16.4	-5.3	333.7	999.9	99.9	999.9	26.4	110.
41.7	102.0	12197.6	200.0	-59.3	99.9	275.2	21.9	21.8	-2.0	338.8	999.9	99.9	999.9	29.5	109.
44.5	107.8	13025.6	175.0	-61.1	99.9	278.8	31.6	31.2	-4.8	349.2	999.9	99.9	999.9	33.5	107.
48.0	114.0	13990.6	150.0	-59.0	99.9	283.3	25.2	24.5	-5.2	368.4	999.9	99.9	999.9	39.2	106.
51.9	121.0	15123.6	125.0	-63.1	99.9	281.2	22.1	21.7	-4.3	380.7	999.9	99.9	999.9	45.0	106.
56.7	128.7	16475.3	100.0	-68.8	99.9	275.8	9.9	9.9	-1.0	394.9	999.9	99.9	999.9	49.8	106.
62.4	137.3	18187.0	75.0	-68.5	99.9	298.8	8.5	7.4	-4.1	429.4	999.9	99.9	999.9	54.0	106.
70.2	146.3	20659.0	50.0	-62.9	99.9	340.5	4.1	1.4	-3.9	455.3	999.9	99.9	999.9	55.8	107.
83.0	156.5	25077.9	25.0	-50.9	99.9	26.7	4.1	-1.8	-3.6	638.5	999.9	99.9	999.9	56.8	110.

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

STATION NO. 220
APALACHICOLA, FLA

24 APRIL 1975
2315 GMT

164 13. 0

TIME MIN	CNTCT	HEIGHT GFN	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 RTD GM/KG	RH PCT	RANGE KN	AZ DG
0.0	4.7	11.0	1020.0	22.6	18.8	150.0	2.6	-1.3	2.3	295.9	331.1	13.5	79.0	0.0	0.
0.7	6.1	183.0	1000.0	20.4	17.3	999.9	99.9	99.9	99.9	295.3	329.0	12.6	82.4	999.9	99.9
1.3	6.1	401.7	975.0	19.6	14.8	999.9	99.9	99.9	99.9	296.3	325.3	11.0	74.1	999.9	99.9
2.2	10.2	626.0	950.0	19.4	11.2	999.9	99.9	99.9	99.9	298.1	321.9	8.9	59.1	999.9	99.9
2.8	12.1	854.9	925.0	18.1	10.1	999.9	99.9	99.9	99.9	298.9	321.7	8.4	59.5	999.9	99.9
3.7	14.3	1089.2	900.0	16.3	9.0	999.9	99.9	99.9	99.9	299.3	321.3	8.1	62.3	999.9	99.9
4.5	16.3	1328.5	875.0	14.8	8.7	999.9	99.9	99.9	99.9	300.3	322.4	8.1	66.7	999.9	99.9
5.4	18.5	1573.5	850.0	13.0	7.6	999.9	99.9	99.9	99.9	300.8	322.0	7.7	69.5	999.9	99.9
6.1	20.7	1824.4	825.0	12.7	-1.4	999.9	99.9	99.9	99.9	302.6	315.0	4.4	39.4	999.9	99.9
7.0	23.0	2082.8	800.0	12.3	2.2	999.9	99.9	99.9	99.9	305.0	320.9	5.6	49.8	999.9	99.9
7.9	25.3	2348.5	775.0	10.7	1.3	999.9	99.9	99.9	99.9	306.0	321.6	5.5	52.4	999.9	99.9
8.9	27.6	2621.5	750.0	9.6	-1.3	999.9	99.9	99.9	99.9	307.7	321.2	4.7	46.5	999.9	99.9
9.7	30.1	2902.6	725.0	9.6	-10.0	999.9	99.9	99.9	99.9	310.3	317.8	2.5	23.8	999.9	99.9
10.7	32.7	3193.0	700.0	8.1	-13.0	999.9	99.9	99.9	99.9	311.7	318.0	2.0	21.1	999.9	99.9
11.7	35.3	3492.3	675.0	6.1	-5.5	999.9	99.9	99.9	99.9	313.0	324.3	3.8	43.2	999.9	99.9
12.8	37.8	3800.2	650.0	3.7	-6.7	348.5	5.2	1.0	-5.1	313.6	324.4	3.6	46.3	1.2	48.
13.9	40.5	4117.7	625.0	1.6	-9.1	339.7	8.1	2.8	-7.6	314.6	324.0	3.1	44.8	1.1	67.
14.9	43.1	4445.1	600.0	-1.2	-10.6	342.6	10.2	3.0	-9.7	315.1	323.9	2.8	48.4	1.2	97.
16.1	46.0	4783.2	575.0	-3.4	-11.2	344.2	11.5	3.1	-11.0	316.4	325.1	2.8	54.8	1.7	121.
17.3	49.0	5133.5	550.0	-5.7	-13.3	342.0	10.9	3.4	-10.3	317.6	325.4	2.5	54.6	2.4	135.
18.4	51.9	5496.4	525.0	-8.4	-14.1	333.2	10.1	4.5	-9.0	318.6	326.3	2.4	63.3	3.0	141.
19.8	55.0	5873.4	500.0	-10.8	-16.5	315.9	9.8	6.8	-7.0	320.1	326.8	2.1	62.8	3.8	141.
21.2	58.0	6265.7	475.0	-13.8	-18.3	301.7	10.5	8.9	-5.5	321.1	327.2	1.9	68.4	4.6	139.
22.7	61.4	6674.4	450.0	-17.2	-22.1	259.9	10.7	9.3	-5.3	321.8	326.5	1.4	65.3	5.6	135.
24.2	65.0	7100.4	425.0	-20.2	-25.4	301.9	12.6	10.7	-6.6	323.1	326.9	1.1	62.9	6.5	133.
25.8	68.3	7547.1	400.0	-23.6	-29.4	301.0	15.2	13.0	-7.8	324.4	327.2	0.8	58.2	7.9	131.
27.5	71.9	8015.6	375.0	-26.8	-35.7	302.6	17.6	14.8	-9.5	326.1	327.9	0.5	42.5	9.5	130.
29.1	75.8	8509.3	350.0	-31.0	-41.1	301.6	16.5	14.1	-8.7	326.9	328.0	0.3	36.1	11.2	129.
31.0	80.0	9029.2	325.0	-35.8	-45.0	296.6	20.0	17.8	-8.9	327.2	328.0	0.2	37.9	13.2	127.
33.1	84.2	9582.4	300.0	-38.9	-56.8	311.2	22.3	16.8	-14.7	330.5	330.7	0.1	12.8	15.7	126.
35.3	88.4	10174.0	275.0	-42.9	99.9	316.7	28.3	19.4	-20.6	333.0	999.9	99.9	999.9	19.0	128.
37.7	93.4	10809.4	250.0	-48.1	99.9	318.0	31.0	20.8	-23.1	334.5	999.9	99.9	999.9	23.6	130.
40.2	98.4	11494.2	225.0	-54.4	99.9	314.7	29.9	21.3	-21.0	335.1	999.9	99.9	999.9	28.0	131.
43.1	103.8	12238.4	200.0	-60.2	99.9	311.5	29.4	22.0	-19.5	337.5	999.9	99.9	999.9	33.9	131.
46.3	110.0	13064.0	175.0	-63.1	99.9	302.2	25.2	21.3	-13.4	345.9	999.9	99.9	999.9	39.3	131.
50.3	116.7	14017.1	150.0	-61.2	99.9	301.6	24.0	20.5	-12.6	364.6	999.9	99.9	999.9	46.5	129.
54.7	124.3	15142.4	125.0	-64.4	99.9	289.1	21.8	20.6	-7.2	378.4	999.9	99.9	999.9	51.7	127.
60.1	133.0	16469.4	100.0	-69.3	99.9	295.1	15.8	14.3	-6.7	393.8	999.9	99.9	999.9	57.5	126.
66.4	142.0	18157.0	75.0	-70.4	99.9	320.8	10.3	6.7	-8.2	425.3	999.9	99.9	999.9	61.9	126.
75.6	152.0	20660.8	50.0	-61.6	99.9	345.1	6.6	1.7	-6.4	498.4	999.9	99.9	999.9	63.5	126.
90.6	162.3	25086.7	25.0	-51.5	99.9	68.3	5.5	-5.1	-2.0	637.1	999.9	99.9	999.9	64.5	130.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
2315 GMT

164 18. 0

TIME MIN	CNTCT	HEIGHT GF4	PRES MB	TEMP DG C	CFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	140.0	1000.6	25.9	18.8	210.0	7.2	3.6	6.2	300.9	337.6	13.8	65.0	0.0	0.
0.0	6.5	145.3	1000.0	25.8	18.8	205.5	7.2	3.1	6.5	300.8	337.5	13.8	65.1	0.0	4.
0.5	8.8	367.8	975.0	23.3	17.2	169.2	9.8	-1.8	9.7	300.3	334.3	12.8	68.4	0.4	40.
1.4	11.1	594.3	950.0	21.2	16.4	180.6	11.3	0.1	11.3	300.4	333.6	12.5	73.8	0.8	9.
2.4	13.6	825.3	925.0	19.4	16.1	200.8	11.3	4.0	10.6	300.8	334.3	12.6	81.4	1.5	12.
3.4	15.9	1061.1	900.0	17.7	15.7	214.8	11.3	6.5	9.3	301.4	335.2	12.6	88.6	2.1	16.
4.3	18.4	1302.0	875.0	15.8	13.9	229.3	12.7	9.7	8.3	301.7	332.6	11.5	88.4	2.7	22.
5.2	20.8	1548.3	850.0	14.7	11.0	243.0	14.3	12.7	6.5	302.9	329.5	9.8	78.4	3.4	30.
6.3	23.4	1800.6	825.0	12.9	8.4	252.7	12.1	11.6	3.6	303.4	326.6	8.4	74.1	4.1	37.
7.3	25.9	2058.9	800.0	11.6	6.7	266.6	11.6	11.6	0.7	304.6	326.1	7.7	71.7	4.6	43.
8.4	28.7	2324.2	775.0	10.3	2.5	275.8	13.7	13.5	-2.3	305.7	322.6	6.0	58.5	5.1	50.
9.5	31.4	2596.6	750.0	8.8	-0.8	281.1	14.5	14.2	-2.8	306.8	320.7	4.8	50.9	5.9	58.
10.7	34.0	2876.5	725.0	7.3	-4.0	272.1	12.4	12.3	-0.5	308.0	319.5	3.9	44.2	6.6	63.
11.7	36.6	3165.8	700.0	6.2	-17.2	263.2	14.2	14.1	1.7	311.7	316.2	1.4	14.6	7.3	66.
12.8	39.5	3465.2	675.0	7.1	-13.9	265.6	16.6	16.5	1.3	313.8	319.8	1.9	20.6	8.4	68.
14.0	42.2	3774.2	650.0	4.9	-15.7	270.4	15.6	15.6	-0.1	314.7	320.1	1.7	20.8	9.4	70.
15.0	45.1	4092.3	625.0	2.2	-18.1	277.8	15.2	15.0	-2.0	315.2	319.9	1.5	20.4	10.3	72.
16.3	48.3	4420.6	600.0	-0.1	-24.6	288.5	15.5	14.7	-4.9	316.1	319.0	0.9	13.6	11.3	75.
17.6	51.3	4759.4	575.0	-3.1	-25.3	268.7	16.2	14.9	-8.1	316.5	319.3	0.8	15.9	12.3	79.
19.1	54.4	5109.2	550.0	-6.4	-26.6	302.3	17.8	15.1	-9.5	316.5	319.2	0.8	18.2	13.5	83.
20.5	57.5	5471.1	525.0	-9.1	-28.1	292.6	19.1	17.6	-7.3	317.6	320.0	0.7	19.9	14.8	87.
21.9	60.9	5846.2	500.0	-12.5	-20.9	285.2	22.1	21.3	-5.8	318.0	322.6	1.4	49.3	16.4	89.
23.3	64.3	6235.8	475.0	-15.0	-40.2	284.0	21.7	21.1	-5.2	319.4	320.3	0.2	9.7	18.3	91.
24.8	67.6	6642.6	450.0	-17.7	-46.2	288.1	20.5	19.5	-6.4	321.0	321.5	0.1	6.1	20.1	92.
26.3	71.0	7067.7	425.0	-20.3	-47.9	285.9	18.6	17.9	-5.1	322.9	323.3	0.1	6.4	21.7	93.
28.0	74.9	7514.2	400.0	-23.5	-49.9	286.0	17.4	16.7	-4.8	324.4	324.8	0.1	6.7	23.5	94.
29.9	78.2	7982.3	375.0	-27.7	-52.6	281.5	21.3	20.8	-4.2	324.9	325.2	0.1	7.2	25.6	95.
31.9	82.5	8475.0	350.0	-31.4	-55.1	280.4	19.1	18.8	-3.5	326.4	326.6	0.1	7.5	28.1	96.
34.2	86.6	8995.5	325.0	-35.3	-57.8	282.6	22.5	21.9	-4.9	327.9	328.1	0.0	7.9	30.9	96.
36.3	91.3	9547.7	300.0	-40.0	-61.0	286.3	24.8	23.8	-6.9	328.9	329.0	0.0	8.4	33.9	97.
38.6	95.6	10136.4	275.0	-44.6	99.9	286.3	24.2	23.2	-6.8	330.6	999.9	99.9	999.9	37.2	98.
41.2	100.3	10767.5	250.0	-49.5	99.9	285.2	22.3	21.5	-5.8	332.5	999.9	99.9	999.9	41.1	99.
43.9	105.6	11449.8	225.0	-54.6	99.9	290.0	29.6	27.8	-10.1	334.5	999.9	99.9	999.9	44.9	99.
47.0	111.0	12194.6	200.0	-59.7	99.9	287.0	35.0	33.5	-10.2	336.3	999.9	99.9	999.9	50.8	101.
50.3	117.0	13022.2	175.0	-63.1	99.9	278.8	28.1	27.8	-4.3	345.9	999.9	99.9	999.9	57.1	101.
54.3	124.0	13976.6	150.0	-60.7	99.9	285.7	31.5	30.3	-8.5	365.5	999.9	99.9	999.9	64.4	100.
58.7	131.0	15105.0	125.0	-64.4	99.9	279.7	26.6	26.2	-4.5	378.4	999.9	99.9	999.9	71.7	101.
64.0	139.0	16457.3	100.0	-67.3	99.9	270.0	17.9	17.9	-0.0	397.7	999.9	99.9	999.9	79.7	100.
71.0	147.3	18183.5	75.0	-66.3	99.9	285.0	14.3	13.8	-3.7	433.9	999.9	99.9	999.9	87.7	99.
80.6	156.5	20663.4	50.0	-61.0	99.9	332.4	6.1	1.9	-3.6	499.8	999.9	99.9	999.9	90.3	99.
96.6	166.3	25067.1	25.0	-53.0	99.9	345.0	6.4	1.7	-6.2	632.8	999.9	99.9	999.9	91.6	102.

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

STATION NO. 232
ROOTHVILLE, LA

24 APRIL 1975
2315 GMT

166 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP 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	1.0	1017.9	24.0	21.7	150.0	3.6	-1.8	3.1	297.8	340.3	16.3	87.0	0.0	0.
0.5	6.3	157.0	1000.0	23.5	22.5	170.1	6.8	-1.2	6.7	299.0	344.5	17.5	94.4	0.2	323.
1.2	8.8	378.3	975.0	21.4	21.0	177.3	8.3	-0.4	8.2	298.9	341.6	16.3	97.6	0.5	340.
1.9	11.1	604.0	950.0	20.1	19.8	182.8	8.1	0.4	8.0	299.7	340.5	15.5	97.6	0.8	348.
2.5	13.7	834.9	925.0	19.3	19.0	201.1	7.3	2.6	6.8	301.0	341.1	15.1	98.1	1.1	354.
3.2	16.0	1070.7	900.0	16.8	16.5	203.2	7.7	3.0	7.1	300.6	336.0	13.3	97.9	1.4	1.
4.0	18.6	1310.4	875.0	15.0	9.7	201.4	6.0	2.2	5.6	300.6	324.2	8.7	70.9	1.7	5.
5.0	20.9	1557.1	850.0	15.9	7.1	184.0	6.4	0.5	6.4	303.8	324.6	7.5	55.8	2.0	7.
5.6	23.7	1810.2	825.0	15.0	-3.8	177.9	6.6	-0.2	6.6	305.0	315.2	3.5	27.0	2.3	6.
6.5	26.1	2065.9	800.0	13.2	5.2	176.4	6.5	-0.4	6.5	306.2	325.7	7.0	58.1	2.6	5.
7.4	28.9	2336.3	775.0	11.7	-7.8	171.1	6.7	-1.0	6.6	306.7	314.9	2.7	24.7	3.0	4.
8.4	31.8	2605.6	750.0	10.0	-7.1	166.2	7.2	-1.7	6.9	307.9	316.8	3.0	29.3	3.3	2.
9.3	34.6	2890.9	725.0	9.9	-19.0	167.3	6.8	-1.5	6.6	310.5	314.3	1.2	11.3	3.8	0.
10.3	37.2	3181.7	700.0	9.3	-44.2	161.3	4.0	-1.3	3.8	312.8	313.2	0.1	1.0	4.1	359.
11.2	40.1	3481.9	675.0	7.7	-24.1	156.9	1.9	-0.8	1.8	314.4	317.1	0.8	8.3	4.2	358.
12.3	42.9	3791.6	650.0	5.8	-24.7	178.8	1.5	-0.0	1.5	315.6	318.2	0.8	9.0	4.3	358.
13.3	46.1	4110.5	625.0	2.8	-20.4	182.3	2.3	0.1	2.3	315.8	319.7	1.2	16.1	4.4	358.
14.3	49.2	4439.0	600.0	-0.0	-15.9	182.6	2.9	0.1	2.9	316.3	322.2	1.8	29.1	4.6	358.
15.3	52.1	4778.3	575.0	-2.6	-13.0	212.2	4.1	2.2	3.5	317.3	324.9	2.4	44.4	4.8	359.
16.6	55.4	5129.5	550.0	-5.2	-15.0	226.5	6.1	4.4	4.2	318.2	325.0	2.2	45.7	5.0	2.
17.8	58.7	5493.5	525.0	-7.6	-16.9	237.0	7.9	6.6	4.3	319.6	325.7	1.9	46.8	5.4	6.
19.0	62.1	5871.8	500.0	-9.6	-28.5	266.2	9.9	9.9	0.7	321.4	323.9	0.7	19.5	5.7	12.
20.5	65.6	6266.6	475.0	-11.9	-38.6	276.2	12.2	12.2	-1.3	323.2	324.2	0.3	8.8	5.9	21.
21.9	69.1	6677.3	450.0	-15.6	-42.5	272.2	12.8	12.7	-0.5	323.5	324.3	0.2	7.8	6.3	30.
23.4	72.7	7106.5	425.0	-18.5	-39.0	279.6	15.8	15.6	-2.6	325.2	326.3	0.3	14.5	6.9	40.
24.9	76.7	7556.0	400.0	-21.6	-38.3	274.9	19.4	19.3	-1.7	326.8	328.1	0.3	20.4	7.9	50.
26.5	80.6	8027.8	375.0	-25.6	-46.6	275.2	18.4	18.4	-1.7	327.6	328.2	0.1	11.8	9.3	58.
28.1	84.7	8524.8	350.0	-29.0	-48.9	279.1	16.6	16.4	-2.6	329.5	330.0	0.1	12.8	10.6	63.
29.9	88.9	9050.3	325.0	-32.8	-44.7	295.0	23.2	21.0	-9.8	331.3	332.1	0.2	29.1	12.1	70.
31.9	93.4	9609.3	300.0	-36.8	-51.5	296.1	28.1	25.2	-12.3	333.4	333.8	0.1	19.9	14.5	79.
34.0	98.2	10204.9	275.0	-41.9	99.9	295.1	29.5	26.7	-12.5	334.5	999.9	99.9	999.9	17.6	86.
36.3	103.2	10842.6	250.0	-47.5	99.9	293.8	33.1	30.3	-13.4	335.5	999.9	99.9	999.9	21.3	92.
38.5	108.6	11530.5	225.0	-53.1	99.9	286.8	34.8	33.3	-10.0	337.2	999.9	99.9	999.9	25.9	95.
41.1	114.0	12279.9	200.0	-58.7	99.9	287.1	35.4	33.8	-10.4	339.8	999.9	99.9	999.9	31.1	97.
44.2	120.3	13108.2	175.0	-64.0	99.9	300.7	37.6	32.3	-19.2	344.3	999.9	99.9	999.9	38.1	100.
47.3	127.0	14048.6	150.0	-65.9	99.9	269.2	31.5	31.5	0.5	356.6	999.9	99.9	999.9	43.4	102.
51.6	134.7	15162.6	125.0	-65.6	99.9	268.0	23.8	23.7	0.8	376.2	999.9	99.9	999.9	50.8	101.
56.3	141.7	16508.4	100.0	-68.4	99.9	273.9	12.9	12.9	-0.9	395.6	999.9	99.9	999.9	57.4	100.
62.4	149.7	18216.0	75.0	-69.1	99.9	297.9	12.6	11.1	-5.9	428.1	999.9	99.9	999.9	62.6	99.
70.5	158.0	20692.4	50.0	-59.4	99.9	23.8	9.1	-3.7	-8.4	503.4	999.9	99.9	999.9	64.0	100.
83.4	166.7	25132.1	25.0	-49.9	99.9	40.7	6.0	-3.9	-4.5	641.6	999.9	99.9	999.9	63.8	104.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
2315 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	100.0	1004.0	27.4	18.9	190.0	5.7	1.0	5.6	302.1	339.2	13.9	60.0	0.0	0.
0.1	5.3	135.6	1000.0	27.2	19.3	181.2	6.4	0.1	6.4	302.3	340.4	14.3	62.3	0.1	3.
0.9	7.4	359.5	975.0	25.4	17.2	175.0	8.7	-0.8	8.6	302.4	336.9	12.8	60.8	0.6	4.
1.7	9.8	587.6	950.0	23.5	17.0	191.3	8.9	1.8	8.8	302.8	337.7	13.0	67.3	1.0	3.
2.5	11.9	820.6	925.0	22.0	17.0	192.3	6.6	1.4	6.4	303.6	339.4	13.3	73.3	1.4	6.
3.4	14.4	1058.3	900.0	19.4	17.2	193.0	6.5	1.5	6.3	303.4	340.7	13.9	87.2	1.7	7.
4.5	16.6	1300.8	875.0	17.2	16.2	197.8	7.4	2.3	7.0	303.4	339.4	13.4	93.7	2.1	9.
5.3	19.2	1548.2	850.0	15.0	13.9	210.2	9.4	4.7	8.1	303.4	335.6	11.9	93.6	2.5	11.
6.1	21.5	1801.1	825.0	13.3	12.1	221.3	11.6	7.7	8.8	304.1	333.7	10.9	92.6	3.0	16.
7.0	24.1	2059.9	800.0	11.4	10.0	223.3	12.0	8.2	8.7	304.6	331.3	9.7	91.4	3.6	20.
7.8	26.5	2325.4	775.0	10.1	8.0	229.7	12.4	9.4	8.0	305.9	330.2	8.8	86.8	4.2	24.
8.6	29.1	2597.8	750.0	7.9	5.8	236.1	11.7	9.7	6.5	306.1	327.9	7.8	86.9	4.7	27.
9.4	31.9	2878.2	725.0	9.8	-10.7	241.2	10.3	9.0	4.9	310.5	317.8	2.4	22.6	5.1	30.
10.5	34.7	3168.6	700.0	7.9	-11.0	239.6	10.9	9.4	5.5	311.5	318.7	2.3	24.8	5.6	34.
11.6	37.2	3468.0	675.0	6.9	-1.5	236.2	14.4	12.0	8.0	314.0	329.0	5.1	55.1	6.5	37.
12.7	40.1	3777.4	650.0	5.0	-3.4	243.4	16.1	14.4	7.2	315.2	328.9	4.6	54.8	7.5	40.
14.1	42.8	4096.3	625.0	2.5	-6.1	248.8	17.7	16.5	6.4	315.8	327.6	3.9	53.2	8.7	44.
15.4	45.9	4424.6	600.0	-0.5	-10.2	249.8	19.0	17.9	6.6	315.9	325.0	3.0	48.0	10.1	48.
16.8	48.9	4763.4	575.0	-3.3	-12.3	254.3	18.4	17.7	5.0	316.4	324.5	2.6	49.9	11.6	51.
18.3	51.8	5113.5	550.0	-6.2	-14.8	258.3	15.5	15.2	3.1	316.9	323.9	2.2	50.8	12.9	54.
19.7	55.0	5475.6	525.0	-8.9	-16.0	264.6	16.9	16.8	1.6	318.0	324.6	2.1	56.2	14.0	56.
21.0	58.0	5852.1	500.0	-11.5	-16.4	267.8	21.1	21.1	0.8	319.3	326.0	2.1	66.7	15.4	59.
22.4	61.4	6243.5	475.0	-13.5	-40.8	267.2	19.7	19.7	1.0	321.2	322.1	0.2	7.9	16.9	62.
23.8	65.0	6652.2	450.0	-16.8	-42.0	264.0	20.0	19.9	2.1	322.1	322.8	0.2	9.1	18.4	64.
25.4	68.4	7079.2	425.0	-19.8	-44.0	261.2	20.5	20.3	3.1	323.6	324.3	0.2	9.4	20.2	66.
26.9	71.4	7526.7	400.0	-22.6	-46.0	263.8	21.7	21.5	2.4	325.6	326.1	0.1	9.7	22.2	67.
28.7	75.3	7997.0	375.0	-26.2	-48.6	272.1	21.3	21.3	-0.8	326.8	327.3	0.1	10.0	24.3	69.
30.6	79.3	8491.9	350.0	-30.2	-51.4	275.1	23.2	23.2	-2.1	328.0	328.4	0.1	10.4	26.6	71.
32.5	83.3	9014.6	325.0	-34.4	-54.5	280.9	23.4	23.0	-4.4	329.2	329.5	0.1	10.8	28.9	74.
34.4	87.5	9568.9	300.0	-39.2	-58.1	283.5	23.2	22.5	-5.4	330.1	330.3	0.0	11.3	31.4	76.
36.4	92.0	10159.7	275.0	-43.0	99.9	285.5	30.4	29.3	-8.1	333.0	999.9	99.9	99.9	34.0	78.
38.8	96.8	10795.5	250.0	-47.8	99.9	287.1	36.3	34.6	-10.7	335.0	999.9	99.9	99.9	37.9	82.
41.5	101.8	11482.1	225.0	-53.7	99.9	283.7	38.6	37.5	-9.1	336.3	999.9	99.9	99.9	43.9	85.
44.3	107.3	12229.5	200.0	-59.3	99.9	283.1	40.1	39.0	-9.1	338.9	999.9	99.9	99.9	50.4	88.
47.2	113.0	13054.3	175.0	-64.9	99.9	285.8	40.0	38.4	-10.9	342.9	999.9	99.9	99.9	57.3	90.
50.5	119.5	13998.7	150.0	-63.1	99.9	270.1	34.9	34.9	-0.1	361.4	999.9	99.9	99.9	63.3	90.
54.7	126.3	15123.2	125.0	-63.1	99.9	268.5	28.0	28.0	0.7	380.7	999.9	99.9	99.9	70.7	90.
59.8	134.3	16481.9	100.0	-66.2	99.9	273.5	20.4	20.4	-1.2	399.9	999.9	99.9	99.9	79.3	90.
65.5	142.0	18212.2	75.0	-68.9	99.9	268.6	17.7	17.7	0.4	428.5	999.9	99.9	99.9	83.8	91.
73.6	150.7	20711.8	50.0	-60.5	99.9	286.0	1.7	1.6	-0.5	501.1	999.9	99.9	99.9	86.4	91.
86.3	160.0	25136.9	25.0	-50.3	99.9	347.6	7.1	1.5	-6.9	640.0	999.9	99.9	99.9	87.4	94.

* 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

24 APRIL 1975
2315 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.4	5.0	1014.4	25.0	21.7	150.0	6.7	-3.4	5.8	299.2	342.0	16.4	82.0	0.0	0.
0.4	4.6	131.1	1000.0	24.4	21.6	206.8	10.5	4.7	9.3	299.8	343.0	16.5	84.3	0.4	328.
1.3	6.4	352.9	975.0	21.8	19.8	186.3	9.5	1.1	9.5	299.1	338.9	15.1	88.3	0.8	355.
2.3	8.5	578.5	950.0	15.6	18.6	181.0	11.2	0.2	11.2	299.0	337.0	14.4	94.0	1.3	357.
3.1	10.2	802.6	925.0	18.4	16.9	196.0	12.2	3.4	11.8	299.9	335.1	13.3	91.1	1.9	0.
3.9	12.5	1044.1	900.0	18.1	14.8	206.1	10.2	4.5	9.1	301.7	333.7	11.9	81.5	2.5	5.
4.9	14.5	1285.8	875.0	18.0	10.2	197.7	11.6	3.5	11.1	303.7	328.4	9.0	60.5	3.0	9.
5.8	16.6	1533.9	850.0	16.7	8.3	192.2	13.3	2.8	13.0	304.8	327.4	8.2	57.6	3.2	10.
6.8	18.8	1787.8	825.0	14.8	7.7	185.9	10.7	1.8	10.6	305.4	327.8	8.1	62.4	4.5	10.
7.9	20.9	2047.7	800.0	13.0	6.5	198.0	9.8	3.0	9.4	306.0	327.3	7.6	64.6	5.1	10.
8.9	23.2	2313.9	775.0	11.0	3.7	199.9	11.3	3.8	10.6	306.5	324.9	6.5	60.6	5.7	12.
9.9	25.5	2587.7	750.0	11.4	-4.9	194.8	13.4	3.4	12.9	309.4	320.4	3.7	33.8	6.4	12.
11.0	27.8	2871.2	725.0	12.2	-12.3	194.5	14.3	3.6	13.9	313.1	319.4	2.0	16.7	7.4	12.
12.1	30.2	3163.9	700.0	10.1	-11.2	193.2	13.8	3.1	13.4	313.9	321.1	2.3	21.0	8.3	13.
13.3	32.8	3464.9	675.0	7.7	-10.9	192.9	14.2	3.2	13.8	314.6	322.2	2.5	25.2	9.3	13.
14.4	35.3	3775.0	650.0	5.7	-11.0	195.0	13.3	3.5	12.8	315.2	323.6	2.5	28.7	10.2	13.
15.6	37.9	4094.3	625.0	3.4	-15.3	204.6	10.5	4.4	9.5	316.5	322.4	1.9	24.0	11.2	13.
16.9	40.5	4424.7	600.0	1.9	-12.6	220.3	8.8	5.7	6.7	318.6	326.2	2.4	33.2	11.8	14.
18.1	43.1	4766.4	575.0	-0.9	-13.4	230.9	7.9	6.1	5.0	319.3	326.7	2.4	37.9	12.4	16.
19.4	46.0	5119.9	550.0	-4.2	-12.8	239.4	7.4	6.3	3.7	319.5	327.6	2.6	50.7	12.8	17.
20.8	49.0	5483.9	525.0	-7.6	-14.0	245.8	8.5	7.8	3.5	319.5	327.3	2.5	60.2	13.3	20.
22.1	51.9	5861.5	500.0	-11.2	-18.0	260.3	8.9	8.8	1.5	319.5	325.5	1.9	57.3	13.6	22.
23.5	55.0	6253.3	475.0	-13.5	-25.9	252.7	12.6	12.0	3.8	321.3	324.5	1.0	34.2	14.2	25.
25.0	58.0	6661.7	450.0	-16.9	-28.2	263.1	16.1	16.0	1.9	322.1	324.9	0.8	36.4	15.0	29.
26.5	61.4	7088.3	425.0	-20.2	-32.2	264.8	18.8	18.7	1.7	323.1	325.2	0.6	33.1	16.0	33.
28.2	65.0	7534.8	400.0	-23.0	-34.9	259.9	23.8	23.4	4.2	325.0	326.8	0.5	33.0	17.4	39.
29.8	68.3	8004.9	375.0	-26.2	-46.1	266.4	23.9	23.9	1.5	326.9	327.5	0.2	13.3	19.2	43.
31.6	72.0	8500.0	350.0	-29.7	-41.5	265.8	21.9	21.9	0.1	328.6	329.6	0.3	30.7	21.0	48.
33.6	76.0	9024.9	325.0	-33.2	-38.8	280.8	27.8	27.4	-5.2	330.5	332.4	0.4	56.5	23.0	54.
35.7	80.1	9582.8	300.0	-37.5	-44.2	277.2	32.8	32.5	-4.1	332.4	333.3	0.2	49.5	26.0	60.
38.0	84.4	10178.5	275.0	-41.5	99.9	273.7	33.6	33.6	-2.2	335.2	999.9	99.9	999.9	29.8	65.
40.3	88.8	10816.9	250.0	-47.2	99.9	275.3	34.0	33.9	-3.1	335.9	999.9	99.9	999.9	33.8	69.
43.0	94.0	11504.9	225.0	-52.9	99.9	270.8	34.5	34.5	-0.5	337.5	999.9	99.9	999.9	39.1	72.
45.8	99.3	12254.6	200.0	-58.7	99.9	279.8	40.5	39.9	-6.9	339.8	999.9	99.9	999.9	44.8	75.
49.0	105.0	13082.9	175.0	-63.8	99.9	281.7	45.2	44.2	-9.2	344.7	999.9	99.9	999.9	52.3	79.
52.5	111.7	14017.0	150.0	-65.6	99.9	271.9	36.7	36.7	-1.2	357.2	999.9	99.9	999.9	60.3	82.
56.9	119.0	15143.3	125.0	-61.9	99.9	261.1	14.8	14.6	2.3	382.1	999.9	99.9	999.9	67.1	83.
62.0	127.5	16455.7	100.0	-70.4	99.9	264.5	19.5	19.4	1.9	391.7	999.9	99.9	999.9	73.1	83.
68.6	137.0	19207.9	75.0	-68.9	99.9	277.5	20.3	20.1	-2.6	428.4	999.9	99.9	999.9	79.6	84.
77.8	147.0	20702.0	50.0	-59.8	99.9	2.1	3.9	-0.1	-3.9	502.5	999.9	99.9	999.9	82.6	85.
92.2	156.0	25129.9	25.0	-52.3	99.9	330.4	7.9	3.9	-6.9	634.4	999.9	99.9	999.9	81.7	87.

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

307

STATION NO. 248
SHREVEPORT, LA

24 APRIL 1975
2323 GMT

164 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 CCMP M/SEC	PCT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	79.0	1002.4	28.3	18.4	180.0	7.2	0.0	7.2	303.1	339.2	13.4	55.0	0.0	0.
0.1	4.6	100.4	1000.0	28.1	18.5	179.8	7.9	-0.0	7.9	303.1	339.6	13.6	55.9	0.1	0.
1.0	6.4	325.0	975.0	26.4	17.5	180.2	10.4	0.0	10.4	303.5	339.6	13.0	58.1	0.6	0.
1.7	8.5	553.9	950.0	24.4	16.7	182.5	11.9	0.5	11.9	303.7	338.2	12.8	62.3	1.1	0.
2.6	10.6	787.3	925.0	22.2	15.9	188.4	13.6	2.0	13.5	303.7	337.2	12.4	67.6	1.9	2.
3.6	12.6	1025.2	900.0	20.0	15.4	192.0	12.3	2.7	12.0	303.8	337.3	12.4	75.1	2.6	5.
4.6	14.9	1267.7	875.0	17.7	14.5	198.0	13.4	4.1	12.7	303.8	336.4	12.0	81.8	3.3	7.
5.6	16.9	1515.5	850.0	15.6	13.6	200.9	13.3	4.8	12.5	304.1	335.6	11.6	87.4	4.0	9.
6.5	19.3	1768.8	825.0	13.6	11.8	206.0	15.0	6.6	13.5	304.4	333.5	10.7	89.2	4.8	12.
7.6	21.4	2028.0	800.0	11.7	10.3	212.8	15.0	8.1	12.6	304.9	332.2	9.9	91.1	5.8	15.
8.9	23.8	2293.8	775.0	12.6	-4.4	221.4	18.0	11.9	13.5	307.9	319.2	3.9	34.3	6.9	19.
9.8	26.1	2569.4	750.0	13.5	-17.0	224.5	17.3	12.1	12.3	311.4	315.7	1.3	10.4	7.9	22.
11.0	28.6	2853.6	725.0	12.3	-19.3	218.5	17.7	11.0	13.9	313.1	316.8	1.1	9.2	9.0	25.
12.0	31.2	3146.8	700.0	11.2	-14.7	215.2	17.5	10.1	14.3	315.1	320.0	1.7	14.7	10.1	26.
13.0	33.9	3448.7	675.0	8.8	-18.1	210.6	15.2	7.7	13.1	315.7	320.1	1.4	12.9	11.1	27.
14.2	36.3	3759.7	650.0	6.8	-17.3	213.0	13.0	7.1	10.9	316.6	321.7	1.5	15.9	12.1	27.
15.6	39.2	4080.0	625.0	4.0	-19.1	222.7	12.6	8.6	9.3	317.1	321.5	1.3	16.6	13.1	28.
16.9	41.8	4410.0	600.0	1.0	-20.1	236.4	12.5	10.4	6.9	317.4	321.6	1.3	18.8	14.1	29.
18.3	44.8	4756.2	575.0	-1.9	-17.3	255.4	14.2	13.8	3.6	317.9	323.4	1.7	29.6	14.9	32.
19.7	47.8	5101.5	550.0	-5.2	-19.1	260.3	16.3	16.1	2.8	318.1	323.0	1.5	32.5	15.8	35.
21.1	50.7	5464.4	525.0	-9.1	-19.8	262.1	16.8	16.6	2.3	317.7	322.5	1.5	41.1	16.8	39.
22.3	53.6	5839.6	500.0	-12.6	-20.4	260.6	17.9	17.7	2.9	317.9	322.8	1.5	51.9	17.8	41.
23.6	56.5	6229.0	475.0	-16.1	-20.6	264.2	16.9	16.8	1.7	318.2	323.3	1.6	67.9	18.8	44.
25.2	59.9	6633.1	450.0	-20.0	-25.5	262.9	17.3	17.2	2.1	318.1	321.6	1.1	61.0	20.1	47.
26.9	63.4	7057.2	425.0	-21.1	-46.2	259.3	19.2	18.9	3.6	321.9	322.4	0.1	8.4	21.6	50.
28.6	66.9	7502.0	400.0	-24.1	-49.7	261.0	21.4	21.2	3.4	323.6	324.0	0.1	7.3	23.6	52.
30.4	70.5	7969.5	375.0	-27.7	-51.9	262.8	23.9	23.7	3.0	324.8	325.2	0.1	7.8	25.6	55.
32.3	74.3	8461.2	350.0	-31.7	-54.6	270.6	22.2	22.2	-0.2	325.9	326.1	0.1	8.3	27.8	58.
34.3	78.5	8980.0	325.0	-36.4	-50.6	265.3	23.9	23.8	2.0	326.4	326.8	0.1	21.3	30.4	60.
36.3	82.7	9531.2	300.0	-39.1	-45.1	268.7	32.3	32.3	0.7	330.2	331.0	0.2	52.5	33.1	63.
38.4	86.8	10122.7	275.0	-43.3	99.9	268.0	36.0	35.9	1.3	332.5	999.9	99.9	99.9	37.2	66.
40.8	91.8	10756.9	250.0	-48.4	99.9	266.8	40.5	40.4	2.2	334.1	999.9	99.9	99.9	42.5	69.
43.5	96.8	11441.6	225.0	-54.3	99.9	268.9	38.8	38.8	0.7	335.3	999.9	99.9	99.9	48.6	71.
46.2	102.4	12186.5	200.0	-60.3	99.9	275.4	41.3	41.1	-3.9	337.2	999.9	99.9	99.9	55.2	74.
49.3	108.8	13088.3	175.0	-65.0	99.9	281.4	49.8	48.9	-9.8	342.7	999.9	99.9	99.9	64.4	77.
53.1	115.7	13956.9	150.0	-61.0	99.9	263.7	40.2	40.0	4.4	365.0	999.9	99.9	99.9	71.3	79.
57.5	123.7	15089.3	125.0	-61.8	99.9	275.7	24.5	24.4	-2.4	383.1	999.9	99.9	99.9	78.9	80.
62.4	132.7	16451.9	100.0	-67.9	99.9	262.7	25.1	24.9	3.2	396.6	999.9	99.9	99.9	85.8	80.
68.8	143.0	18164.5	75.0	-69.0	99.9	270.8	14.9	14.8	-0.2	428.2	999.9	99.9	99.9	94.5	81.
77.6	155.0	20664.2	50.0	-60.5	99.9	288.4	14.9	14.1	-4.7	500.8	999.9	99.9	99.9	96.4	82.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 255
VICTORIA, TEX

24 APRIL 1975
2315 GMT

157 25. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	33.0	1006.8	28.0	21.3	180.0	11.8	0.0	11.8	302.8	345.6	16.1	67.0	0.0	0.
0.2	4.9	93.3	1000.0	27.1	21.1	999.9	99.9	99.9	99.9	302.5	345.1	16.0	69.8	999.9	999.
0.8	6.5	317.4	975.0	25.2	20.7	999.9	99.9	99.9	99.9	302.7	345.4	16.0	76.5	999.9	999.
1.5	6.5	545.9	950.0	23.2	20.8	999.9	99.9	99.9	99.9	303.0	347.0	16.6	86.5	999.9	999.
2.2	10.5	778.8	925.0	20.9	19.7	154.9	12.5	-5.3	11.3	302.8	344.9	15.8	92.7	1.7	341.
2.8	12.4	1015.5	900.0	18.9	7.9	169.6	13.3	-2.4	13.1	302.0	323.3	7.8	51.5	2.2	341.
3.6	14.5	1255.0	875.0	19.5	5.1	180.5	15.8	0.1	15.8	304.9	322.7	6.3	38.6	2.8	345.
4.3	16.4	1506.7	850.0	18.3	-5.7	184.4	17.4	1.3	17.3	305.9	316.6	3.7	24.0	3.5	348.
5.2	18.5	1762.1	825.0	19.2	-38.2	189.4	17.0	2.8	16.8	308.9	309.5	0.2	1.0	4.4	352.
6.1	20.6	2025.9	800.0	19.3	-38.1	187.9	18.1	2.5	17.9	311.8	312.4	0.2	1.0	5.3	355.
7.1	22.8	2297.2	775.0	17.8	-33.2	185.4	15.8	1.5	15.7	313.0	314.0	0.3	1.9	6.3	357.
8.1	25.2	2576.1	750.0	16.6	-39.7	184.8	14.9	1.2	14.8	314.7	315.2	0.2	1.0	7.2	358.
9.0	27.4	2862.8	725.0	14.3	-40.0	188.8	13.2	2.0	13.0	315.1	315.7	0.2	1.1	7.9	359.
9.8	29.8	3157.5	700.0	13.2	-41.8	202.1	11.0	4.2	10.2	317.2	317.7	0.1	1.0	8.5	360.
10.7	32.3	3461.9	675.0	11.8	-41.3	222.0	10.1	6.8	7.5	318.8	319.4	0.2	1.2	9.0	2.
11.8	34.9	3775.8	650.0	9.7	-18.8	235.3	9.5	7.8	5.4	320.1	324.5	1.4	11.8	9.4	5.
12.8	37.2	4099.6	625.0	6.8	-13.7	241.4	7.8	6.8	3.7	320.5	327.3	2.1	21.4	9.8	7.
14.1	40.0	4432.6	600.0	3.3	-15.2	241.7	6.6	5.9	3.1	320.2	326.4	1.9	24.1	10.1	10.
15.4	42.6	4775.9	575.0	0.4	-19.9	248.2	7.2	6.7	2.7	320.6	325.1	1.4	19.9	10.4	12.
16.6	45.4	5130.2	550.0	-2.7	-18.5	260.0	9.6	9.4	1.7	321.0	326.3	1.6	28.6	10.7	15.
17.7	48.4	5496.8	525.0	-5.7	-28.2	274.4	10.6	10.5	-0.8	321.7	325.1	1.0	20.8	10.9	18.
19.1	51.3	5876.8	500.0	-8.6	-34.8	274.2	10.9	10.9	-0.8	322.5	323.9	0.4	10.1	11.1	23.
20.4	54.4	6272.3	475.0	-11.5	-31.9	274.0	14.5	14.4	-1.0	323.8	325.7	0.6	16.5	11.5	27.
21.8	57.4	6684.8	450.0	-14.2	-33.0	268.8	17.9	17.9	0.4	325.3	327.2	0.5	18.5	12.1	33.
23.2	60.9	7115.7	425.0	-17.0	-39.0	263.6	20.5	20.3	2.3	327.2	328.3	0.3	12.8	13.2	39.
24.7	64.3	7567.7	400.0	-20.5	-32.8	263.6	21.1	21.0	2.4	328.4	330.5	0.6	32.2	14.6	44.
26.2	67.8	8042.1	375.0	-24.3	-29.6	265.6	23.0	23.0	1.8	329.4	332.5	0.9	61.8	16.2	49.
27.8	71.5	8541.9	350.0	-27.8	-32.5	272.5	25.4	25.4	-1.1	331.3	333.8	0.7	63.5	18.0	53.
29.5	75.6	9069.9	325.0	-32.3	-38.7	274.2	30.2	30.1	-2.2	332.1	333.6	0.4	52.5	20.2	59.
31.3	79.8	9630.1	300.0	-36.1	-44.0	273.8	30.2	30.1	-2.0	334.4	335.4	0.3	43.7	23.1	63.
33.4	84.0	10228.4	275.0	-40.6	99.9	271.1	30.2	30.2	-0.6	336.4	999.9	99.9	999.9	25.4	67.
35.6	88.8	10871.4	250.0	-45.6	99.9	273.0	30.8	30.7	-1.6	338.4	999.9	99.9	999.9	30.0	70.
37.9	94.0	11564.7	225.0	-51.4	99.9	275.5	34.2	34.0	-3.3	339.8	999.9	99.9	999.9	34.0	74.
40.4	99.5	12319.3	200.0	-57.6	99.9	266.2	36.8	36.7	2.5	347.6	999.9	99.9	999.9	39.1	77.
43.0	105.3	13148.7	175.0	-64.5	99.9	274.1	35.1	35.0	-2.5	343.5	999.9	99.9	999.9	44.5	70.
46.3	112.3	14080.5	150.0	-65.9	99.9	281.6	38.1	37.3	-7.7	356.7	999.9	99.9	999.9	52.0	81.
50.1	119.7	15191.5	125.0	-64.1	99.9	262.1	27.7	27.5	3.8	378.9	999.9	99.9	999.9	58.4	82.
54.9	128.7	16544.5	100.0	-68.9	99.9	268.3	18.4	18.4	0.5	394.7	999.9	99.9	999.9	64.3	82.
60.8	138.5	18263.7	75.0	-68.6	99.9	269.1	8.5	8.5	0.1	429.1	999.9	99.9	999.9	68.8	82.
69.1	149.0	20734.7	50.0	-59.7	99.9	253.3	16.2	15.5	4.6	502.8	999.9	99.9	999.9	70.9	83.
81.7	160.0	25170.7	25.0	-50.5	99.9	999.9	99.9	99.9	99.9	639.5	999.9	99.9	999.9	999.9	999.

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

STATION NO. 260
STEPHENVILLE, TEX

24 APRIL 1975
2315 GMT

161 21. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT CG 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	9.9	399.0	962.5	28.5	18.9	180.0	6.2	0.0	6.2	307.0	346.3	14.4	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.
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	11.0	515.2	950.0	27.2	15.6	349.9	1.5	0.3	-1.4	306.4	338.9	11.8	49.0	0.8	1.
1.3	13.4	750.9	925.0	25.6	14.9	185.5	8.8	0.8	8.8	307.0	339.0	11.6	51.6	0.9	2.
2.1	15.8	991.3	900.0	23.3	14.2	187.2	14.6	1.8	14.5	307.1	338.5	11.4	56.4	1.6	4.
3.0	18.3	1236.7	875.0	21.1	13.3	192.3	13.0	2.6	12.7	307.2	337.8	11.1	61.2	2.4	5.
4.0	20.9	1467.3	850.0	19.1	13.1	201.3	12.4	4.5	11.5	307.7	338.7	11.2	68.0	3.1	8.
4.9	23.4	1743.7	825.0	16.9	12.7	212.6	11.8	6.3	9.9	308.0	339.4	11.3	76.4	3.7	11.
5.7	26.0	2005.7	800.0	14.6	12.4	226.0	11.9	8.6	8.3	308.3	340.0	11.5	86.7	4.2	15.
6.6	28.8	2274.3	775.0	12.8	11.5	241.1	12.3	10.8	6.0	309.0	339.8	11.1	91.7	4.7	20.
7.5	31.6	2549.7	750.0	10.8	10.2	255.2	12.2	11.8	3.1	309.6	339.0	10.5	96.3	5.2	26.
8.6	34.4	2833.7	725.0	12.5	-6.0	257.1	12.4	12.1	2.8	313.6	324.1	3.5	27.6	5.6	32.
9.6	37.1	3127.2	700.0	11.7	-42.7	244.2	13.3	12.0	5.8	315.4	315.9	0.1	1.0	6.3	37.
10.7	40.1	3430.0	675.0	10.1	-43.7	235.3	14.8	12.2	8.4	317.0	317.4	0.1	1.0	7.1	39.
11.7	42.9	3741.9	650.0	8.1	-45.0	232.9	17.2	13.7	10.4	318.1	318.5	0.1	1.0	8.0	41.
12.7	46.0	4063.2	625.0	5.1	-46.8	230.7	18.7	14.5	11.9	318.2	318.5	0.1	1.0	9.1	42.
13.8	49.3	4394.6	600.0	2.3	-24.9	229.8	19.2	14.7	12.4	318.8	321.7	0.9	11.7	10.4	43.
14.9	52.1	4736.4	575.0	-0.7	-14.1	229.2	21.2	16.0	13.8	319.4	326.5	2.2	35.8	11.6	44.
16.1	55.1	5089.8	550.0	-4.0	-7.0	229.0	22.0	16.6	14.4	319.8	332.5	4.1	80.0	13.2	45.
17.5	58.6	5454.9	525.0	-7.4	-12.7	235.2	20.0	16.6	11.3	319.9	328.5	2.7	65.6	15.0	45.
19.3	62.1	5832.7	500.0	-10.8	-18.4	235.7	20.8	17.1	11.7	320.1	325.8	1.8	53.3	17.2	47.
21.1	65.6	6225.0	475.0	-14.3	-16.5	241.0	21.3	18.6	10.3	320.5	327.6	2.2	83.5	19.4	46.
23.6	69.2	6631.9	450.0	-18.3	-22.8	248.4	20.9	19.4	7.7	320.4	324.8	1.4	67.7	22.4	50.
25.5	72.7	7057.6	425.0	-20.2	-62.8	249.4	23.6	22.1	8.3	323.1	323.1	0.0	1.0	25.1	52.
26.9	76.7	7504.9	400.0	-22.5	-64.3	251.8	24.3	23.1	7.6	325.7	325.7	0.0	1.0	26.8	54.
28.5	80.7	7974.9	375.0	-26.7	-67.0	245.1	27.4	24.8	11.5	326.2	326.3	0.0	1.0	29.2	55.
29.8	84.8	8469.7	350.0	-30.7	-69.6	261.6	26.7	26.4	3.9	327.3	327.3	0.0	1.0	31.7	56.
31.6	89.0	8990.5	325.0	-34.7	-72.2	250.9	31.2	29.5	10.2	328.8	328.9	0.0	1.0	34.0	58.
33.4	93.8	9545.5	300.0	-37.7	-74.2	258.0	36.5	35.7	7.6	332.2	332.2	0.0	1.0	37.5	60.
35.3	98.4	10140.8	275.0	-41.9	99.9	256.4	35.9	35.9	8.7	334.6	999.9	99.9	999.9	42.2	61.
37.4	103.5	10779.3	250.0	-46.8	99.9	257.3	40.3	45.1	10.2	336.5	999.9	99.9	999.9	47.1	63.
39.7	109.0	11468.7	225.0	-52.4	99.9	259.9	45.2	44.5	7.9	338.2	999.9	99.9	999.9	54.0	65.
42.2	114.8	12219.4	200.0	-58.4	99.9	264.0	63.6	63.2	6.6	340.4	999.9	99.9	999.9	61.1	67.
45.0	121.0	13046.6	175.0	-64.8	99.9	264.8	59.6*	59.3	5.4	343.0	999.9	99.9	999.9	70.8	70.
48.2	128.0	13983.7	150.0	-63.6	99.9	261.4	27.7*	27.4	4.1	360.5	999.9	99.9	999.9	79.7	72.
52.4	135.5	15111.0	125.0	-62.9	99.9	265.4	30.1*	30.0	2.4	381.2	999.9	99.9	999.9	86.9	72.
58.1	142.7	16478.9	100.0	-64.3	99.9	260.1	16.2*	15.9	2.8	403.6	999.9	99.9	999.9	93.9	73.
63.8	150.7	19214.4	75.0	-68.8	99.9	246.4	4.6*	4.2	1.8	428.7	999.9	99.9	999.9	99.5	74.
72.2	159.3	26706.6	50.0	-58.8	99.9	288.2	7.3	6.9	-2.3	505.1	999.9	99.9	999.9	102.1	75.
84.9	167.7	25147.6	25.0	-50.1	99.9	316.7	5.0	3.4	-3.6	641.1	999.9	99.9	999.9	102.6	77.

* BY SPEED MEANS ELEVATION 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

24 APRIL 1975
2315 GMT

162 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	314.0	970.6	31.7	17.6	100.0	3.2	-3.2	0.6	309.3	345.7	13.2	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.
0.6	10.7	506.6	950.0	29.8	17.7	126.7	4.3	-3.5	2.6	309.3	346.8	13.6	48.3	0.2	286.
1.3	13.0	744.1	925.0	27.5	15.9	118.8	4.4	-3.8	2.1	309.1	343.5	12.4	49.4	0.4	295.
2.4	15.4	986.4	900.0	25.2	15.3	108.1	4.5	-4.3	1.4	309.1	343.2	12.3	54.4	0.7	293.
3.3	17.7	1233.5	875.0	22.9	14.8	113.1	4.0	-3.7	1.6	309.2	343.1	12.2	60.4	0.9	273.
4.4	20.2	1495.5	850.0	20.4	14.3	106.3	4.8	-4.6	1.3	309.2	342.8	12.2	67.9	1.2	292.
5.2	22.6	1743.1	825.0	18.4	11.8	87.0	2.3	-2.3	-0.1	309.5	339.1	10.6	65.3	1.4	291.
6.1	25.2	2006.9	800.0	17.7	6.5	339.1	5.3	1.9	-5.0	311.1	333.0	7.7	48.0	1.4	286.
7.0	27.6	2278.1	775.0	17.4	-0.4	305.0	9.5	7.8	-5.5	313.2	327.6	4.9	30.4	1.1	271.
7.8	30.3	2557.8	750.0	17.2	-2.8	278.6	9.2	9.0	-1.4	315.9	328.4	4.2	25.2	0.6	257.
8.7	33.0	2845.9	725.0	15.4	-4.4	303.4	5.4	4.5	-3.0	316.8	328.5	3.8	25.3	0.1	232.
9.7	35.6	3142.2	700.0	13.1	-6.3	275.0	11.8	11.8	-1.0	317.4	327.9	3.4	25.4	0.5	186.
10.6	38.3	3446.8	675.0	11.1	-8.6	999.9	99.9	99.9	99.9	318.4	327.7	3.0	24.3	999.9	999.
11.8	41.1	3759.7	650.0	7.9	-11.2	999.9	99.9	99.9	99.9	318.2	326.1	2.5	24.4	999.9	999.
12.9	43.9	4081.4	625.0	5.0	-12.5	224.6	13.2	9.2	9.4	318.5	325.8	2.3	26.7	3.1	54.
14.0	47.0	4412.4	600.0	1.7	-13.8	232.8	12.3	9.8	7.4	318.4	325.3	2.2	30.4	4.0	52.
15.1	50.1	4753.6	575.0	-1.5	-16.7	243.3	13.7	12.3	6.2	318.5	324.3	1.8	30.1	4.8	53.
16.3	53.0	5105.8	550.0	-4.1	-19.1	254.2	17.9	17.2	4.9	319.4	324.4	1.5	30.0	5.9	56.
17.6	56.0	5471.1	525.0	-6.5	-22.5	262.9	20.7	20.6	2.6	320.7	324.6	1.2	26.6	7.3	61.
19.1	59.4	5850.3	500.0	-9.8	-23.0	264.0	22.1	21.9	2.3	321.2	325.1	1.2	33.1	9.1	66.
20.6	62.9	6244.5	475.0	-11.7	-29.2	261.3	22.0	21.7	3.3	323.5	325.9	0.7	21.9	11.1	69.
21.9	66.0	6656.4	450.0	-14.4	-35.4	262.8	21.1	21.0	2.6	325.1	326.6	0.4	14.8	12.7	70.
23.2	69.6	7087.1	425.0	-17.4	-37.6	264.0	24.0	23.9	2.5	326.6	327.9	0.3	15.1	14.3	72.
24.5	73.1	7538.2	400.0	-21.0	-30.6	262.1	23.9	23.7	3.3	327.8	330.4	0.7	41.6	16.3	73.
26.0	77.0	8012.0	375.0	-24.2	-30.9	271.1	25.4	25.4	-0.5	329.6	332.3	0.8	53.4	18.4	75.
27.7	80.9	8512.2	350.0	-27.6	-36.5	270.1	30.6	30.6	-0.0	331.5	333.2	0.5	41.9	21.3	77.
29.5	85.0	9041.6	325.0	-31.0	-44.1	264.8	30.4	30.3	2.8	333.8	334.7	0.2	26.1	24.5	78.
31.2	89.2	9603.7	300.0	-36.1	-50.7	264.3	28.1	28.0	2.8	334.5	334.9	0.1	20.2	27.3	79.
32.8	93.8	10201.0	275.0	-41.5	99.9	262.8	30.3	30.0	3.8	335.1	999.9	99.9	999.9	30.3	79.
34.3	98.5	10840.4	250.0	-47.0	99.9	268.7	30.0	30.0	0.7	336.2	999.9	99.9	999.9	34.0	80.
37.3	103.5	11529.9	225.0	-52.7	99.9	262.1	34.7	34.4	4.8	337.8	999.9	99.9	999.9	38.6	81.
39.9	109.0	12279.3	200.0	-58.5	99.9	265.5	37.6	37.5	2.9	340.1	999.9	99.9	999.9	44.4	81.
42.7	115.0	13104.5	175.0	-65.6	99.9	260.6	41.6	41.1	6.8	341.6	999.9	99.9	999.9	51.1	81.
46.1	121.5	14028.2	150.0	-69.3	99.9	273.4	40.4	40.4	-2.4	350.7	999.9	99.9	999.9	60.5	82.
50.1	129.0	15132.4	125.0	-64.2	99.9	258.5	28.9	28.3	5.8	378.7	999.9	99.9	999.9	67.9	82.
54.6	136.7	16490.7	100.0	-68.6	99.9	270.1	25.4	25.4	-0.0	395.3	999.9	99.9	999.9	74.4	82.
60.0	145.0	18198.1	75.0	-71.0	99.9	325.5	6.8	3.8	-5.6	424.0	999.9	99.9	999.9	78.9	83.
67.8	154.7	20678.5	50.0	-60.3	99.9	292.5	3.5	3.3	-1.4	501.5	999.9	99.9	999.9	80.7	83.
79.4	165.0	25089.6	25.0	-53.4	99.9	56.5	5.2	-4.3	-2.9	631.2	999.9	99.9	999.9	80.1	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 265
MIDLAND, TEX

24 APRIL 1975
2315 GMT

156 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	873.0	910.3	31.1	-4.1	250.0	6.2	5.8	2.1	313.0	322.4	3.1	10.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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	13.5	974.5	900.0	29.9	-4.7	242.7	7.8	7.0	3.6	312.8	321.9	3.0	10.2	0.2	67.
1.3	15.8	1223.8	875.0	26.5	-3.5	245.7	6.6	6.0	2.7	311.8	322.0	3.4	13.6	0.5	65.
2.3	18.2	1477.5	850.0	23.6	-5.8	249.8	7.1	6.7	2.5	311.3	320.1	2.9	13.6	0.9	66.
3.2	20.6	1736.5	825.0	21.4	-7.4	255.1	7.1	6.9	1.8	311.6	319.7	2.7	13.7	1.3	69.
4.1	23.0	2001.2	800.0	19.0	-9.1	251.0	8.4	8.0	2.7	311.7	319.1	2.4	13.9	1.7	69.
4.9	25.5	2272.3	775.0	16.4	-10.5	259.6	8.4	8.3	1.5	311.7	318.5	2.2	14.7	2.1	70.
5.7	28.1	2549.2	750.0	13.4	-11.7	262.4	9.0	8.9	1.2	311.4	317.9	2.1	16.2	2.5	72.
6.4	30.8	2832.9	725.0	10.8	-12.4	262.0	7.6	7.5	1.1	311.5	317.8	2.0	18.2	2.9	74.
7.5	33.4	3123.5	700.0	7.8	-13.9	277.6	7.0	6.9	-0.9	311.4	317.2	1.9	19.6	3.3	76.
8.7	36.0	3421.8	675.0	5.9	-16.9	271.6	8.3	8.3	-0.2	312.4	317.1	1.5	17.5	3.8	79.
9.6	38.9	3729.1	650.0	3.4	-21.0	269.7	11.5	11.5	0.1	312.9	316.5	1.1	14.7	4.4	80.
10.9	41.6	4045.9	625.0	1.4	-22.5	269.9	14.9	14.9	0.0	314.2	317.4	1.0	14.8	5.3	82.
12.0	44.6	4373.5	600.0	-0.4	-23.8	273.1	17.0	17.0	-0.9	315.7	318.8	0.9	15.0	6.4	84.
13.3	47.6	4712.2	575.0	-2.7	-25.5	274.5	20.9	20.8	-1.6	316.9	319.7	0.8	15.2	7.8	86.
14.6	50.6	5063.0	550.0	-5.0	-27.3	270.9	21.9	21.9	-0.3	318.2	320.6	0.7	15.3	9.4	87.
15.8	53.8	5426.4	525.0	-7.4	-29.1	262.8	22.4	22.3	2.8	319.6	321.8	0.6	15.5	11.1	87.
17.1	56.9	5804.6	500.0	-9.6	-32.3	255.8	24.7	24.0	6.1	321.4	323.1	0.5	13.7	12.9	86.
18.4	60.3	6198.9	475.0	-12.4	-34.3	255.5	25.3	24.5	6.3	322.7	324.2	0.4	13.9	14.9	84.
19.8	63.7	6609.1	450.0	-16.0	-37.1	258.0	26.8	26.2	5.6	323.1	324.3	0.3	14.2	16.9	83.
21.3	67.1	7037.1	425.0	-19.2	-39.5	259.7	27.6	27.2	5.0	324.4	325.4	0.3	14.5	19.4	83.
22.8	70.6	7484.9	400.0	-23.2	-42.6	263.3	29.0	28.8	3.4	324.9	325.7	0.2	14.9	22.0	83.
24.3	74.3	7954.3	375.0	-26.5	-45.1	270.3	28.2	28.2	-0.2	326.5	327.1	0.2	15.1	24.5	83.
25.8	78.3	8448.6	350.0	-30.7	-48.5	272.3	27.8	27.8	-1.1	327.3	327.8	0.1	15.5	27.0	84.
27.6	82.3	8970.7	325.0	-34.0	-51.1	268.2	32.4	32.4	1.0	329.7	330.1	0.1	15.8	30.2	85.
29.5	86.5	9526.3	300.0	-38.5	99.9	270.4	33.0	33.0	-0.2	331.0	999.9	99.9	999.9	34.0	85.
31.5	91.2	10117.6	275.0	-43.7	99.9	267.3	35.3	35.3	1.7	331.9	999.9	99.9	999.9	37.9	85.
33.6	95.8	10753.0	250.0	-47.6	99.9	264.8	46.0	45.9	4.1	335.3	999.9	99.9	999.9	43.0	86.
36.3	101.3	11440.2	225.0	-53.1	99.9	265.5	50.0	49.9	3.9	337.2	999.9	99.9	999.9	50.8	85.
39.0	106.5	12190.7	200.0	-58.6	99.9	260.1	53.2*	52.4	9.1	340.0	999.9	99.9	999.9	59.4	85.
42.0	112.5	13015.8	175.0	-64.5	99.9	259.7	50.7*	49.8	9.1	343.5	999.9	99.9	999.9	68.7	84.
45.2	118.8	13956.6	150.0	-64.6	99.9	265.5	40.4*	40.3	3.1	358.9	999.9	99.9	999.9	77.6	84.
49.2	126.0	15071.3	125.0	-65.2	99.9	247.3	28.1*	25.9	10.8	376.9	999.9	99.9	999.9	85.8	84.
54.2	134.3	16431.6	100.0	-65.9	99.9	265.0	22.9*	22.8	2.0	400.5	999.9	99.9	999.9	95.3	83.
59.8	142.7	18187.2	75.0	-66.4	99.9	266.0	4.3*	4.3	0.3	433.7	999.9	99.9	999.9	100.6	84.
68.0	151.7	20689.7	50.0	-57.7	99.9	232.2	6.9	5.4	4.2	507.7	999.9	99.9	999.9	102.4	84.
81.8	161.7	25159.2	25.0	-49.1	99.9	0.1	6.4	-0.0	-6.4	643.8	999.9	99.9	999.9	102.3	85.

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

STATION NO. 304
MATTERAS. NC

24 APRIL 1975
2315 GMT

155 15. 0

TIME MIN	ALTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	4.0	1018.4	21.1	16.3	230.0	6.7	5.1	4.3	294.3	324.3	11.5	74.0	0.0	0.
0.5	5.8	161.8	1000.0	19.7	15.2	216.3	17.3	10.2	13.9	294.3	322.8	10.9	75.0	0.6	35.
1.4	7.8	379.9	975.0	18.3	14.3	217.6	17.8	10.9	14.1	294.9	322.7	10.6	77.7	1.4	36.
2.1	5.8	602.0	950.0	15.8	13.0	217.6	21.0	12.9	16.7	294.6	320.8	10.0	83.3	2.3	37.
2.8	11.5	828.6	925.0	14.4	10.9	220.6	22.5	14.7	17.1	295.2	318.9	8.9	79.4	3.1	37.
3.6	13.3	1059.7	900.0	13.2	4.3	222.8	20.5	13.9	15.0	295.9	311.8	5.9	55.1	4.2	38.
4.4	15.7	1296.7	875.0	13.0	-3.2	220.6	17.8	11.6	13.5	297.8	307.7	3.5	32.8	5.1	39.
5.2	17.9	1539.6	850.0	11.6	2.3	220.9	17.4	11.4	13.1	299.0	314.2	5.5	54.5	5.9	39.
6.0	20.1	1788.7	825.0	10.0	1.8	226.1	18.6	13.4	12.9	299.8	314.6	5.3	56.9	6.8	40.
6.9	22.1	2044.5	800.0	9.8	-3.6	239.1	17.8	15.3	9.2	302.0	312.6	3.7	38.9	7.9	41.
7.9	24.4	2307.9	775.0	8.3	0.1	252.5	16.4	15.6	4.9	303.4	317.5	5.0	56.3	8.6	44.
8.7	26.5	2578.8	750.0	7.8	-1.0	259.5	14.1	13.9	2.6	305.6	319.3	4.8	53.8	9.3	47.
9.7	28.9	2857.6	725.0	6.0	-1.1	267.3	13.4	13.4	0.6	306.6	320.7	4.9	60.6	10.0	49.
10.5	31.5	3144.6	700.0	4.7	-2.6	279.3	13.9	13.7	-2.3	308.3	321.4	4.5	59.0	10.4	52.
11.5	34.3	3440.2	675.0	3.2	-3.8	279.7	16.3	16.0	-2.7	309.7	322.3	4.3	59.9	11.1	55.
12.4	36.3	3746.2	650.0	2.0	-6.3	283.0	15.3	14.9	-3.5	311.6	322.6	3.7	54.1	11.7	59.
13.5	39.0	4061.3	625.0	-1.0	-7.2	288.7	15.8	15.0	-5.1	311.7	322.4	3.6	62.8	12.3	62.
14.4	41.6	4386.3	600.0	-3.2	-7.9	288.3	17.5	16.6	-5.5	312.9	323.5	3.5	69.9	13.0	65.
15.4	44.3	4722.0	575.0	-5.8	-10.2	289.2	17.5	16.6	-5.8	313.6	323.0	3.1	70.8	13.8	68.
16.5	47.2	5058.8	550.0	-8.7	-12.6	284.1	17.1	16.5	-4.2	314.1	322.2	2.6	73.0	14.7	71.
17.6	50.2	5428.4	525.0	-10.7	-14.7	283.2	16.6	16.2	-3.8	315.8	323.1	2.3	72.5	15.7	73.
18.9	53.0	5801.8	500.0	-13.0	-18.3	286.5	16.3	15.5	-5.2	317.3	323.1	1.8	64.3	16.7	75.
19.9	56.0	6191.3	475.0	-15.5	-20.9	285.7	15.8	15.2	-4.3	318.9	323.8	1.5	63.5	17.5	77.
21.1	59.3	6597.0	450.0	-18.8	-25.0	282.5	16.4	16.0	-3.5	319.7	323.3	1.1	58.1	18.5	79.
22.3	62.6	7020.9	425.0	-21.8	-29.9	280.7	16.3	16.0	-3.0	321.1	323.6	0.7	47.7	19.7	80.
23.6	65.9	7463.4	400.0	-26.0	-30.7	280.4	17.3	17.0	-3.1	321.2	323.7	0.7	64.7	21.0	81.
25.2	69.6	7927.0	375.0	-29.9	-33.2	278.9	18.3	18.0	-2.8	322.0	324.1	0.6	73.4	22.5	83.
26.9	73.2	8416.6	350.0	-31.8	-45.5	274.8	11.5	11.5	-1.7	325.8	326.5	0.2	24.0	24.0	84.
28.4	77.2	8937.7	325.0	-35.3	-48.9	266.9	9.8	9.8	0.5	328.0	328.5	0.1	23.1	24.9	84.
30.1	81.3	9489.2	300.0	-40.6	99.9	259.8	13.6	13.3	2.4	328.2	999.9	99.9	999.9	26.0	84.
32.0	85.7	10075.2	275.0	-45.8	99.9	272.0	14.6	14.5	-0.5	328.9	999.9	99.9	999.9	27.6	84.
33.9	90.4	10702.8	250.0	-51.1	99.9	272.8	13.1	13.1	-0.6	330.1	999.9	99.9	999.9	28.9	84.
35.9	95.5	11378.9	225.0	-57.3	99.9	278.0	10.6	10.5	-1.5	330.8	999.9	99.9	999.9	30.6	85.
38.1	100.7	12113.5	200.0	-63.1	99.9	295.8	12.6	10.9	-6.3	332.9	999.9	99.9	999.9	32.1	86.
40.5	106.9	12927.6	175.0	-64.7	99.9	291.6	23.1	21.5	-8.5	343.2	999.9	99.9	999.9	34.0	88.
43.3	113.3	13866.4	150.0	-66.0	99.9	294.4	26.4	24.0	-10.9	356.5	999.9	99.9	999.9	38.2	91.
46.6	120.3	14997.9	125.0	-59.7	99.9	284.1	33.8	32.7	-8.2	386.9	999.9	99.9	999.9	44.3	92.
50.5	128.3	16370.5	100.0	-63.5	99.9	302.2	11.5	9.7	-6.1	405.0	999.9	99.9	999.9	49.1	95.
55.2	137.0	18114.4	75.0	-66.4	99.9	72.2	2.8	-2.7	-0.9	433.7	999.9	99.9	999.9	50.7	96.
62.2	145.3	20620.8	50.0	-60.0	99.9	327.9	5.1	2.7	-4.3	502.2	999.9	99.9	999.9	52.4	96.
73.2	154.3	25029.3	25.0	-53.1	99.9	0.8	4.8	-0.1	-4.8	632.3	999.9	99.9	999.9	51.6	99.

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

STATION NO. 311
ATHENS, GA

24 APRIL 1975
2315 GMT

161 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	HX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	246.0	988.5	24.7	16.7	220.0	4.2	2.7	3.2	300.5	333.1	12.2	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.
0.4	8.3	366.5	975.0	23.4	13.8	222.6	8.4	5.7	6.2	300.1	327.5	10.2	54.8	0.3	49.
1.4	10.5	593.0	950.0	22.0	13.0	225.1	10.2	7.3	7.2	300.9	327.9	10.0	56.8	0.7	46.
2.2	12.8	823.8	925.0	19.3	12.0	225.8	12.0	8.6	8.3	300.4	326.2	9.6	62.3	1.3	46.
3.2	15.2	1058.8	900.0	17.0	11.2	225.9	11.6	8.3	8.0	300.3	325.5	9.3	68.6	2.0	46.
4.3	17.4	1298.9	875.0	14.6	10.8	229.7	12.9	9.8	8.3	300.2	325.5	9.3	77.7	2.6	46.
4.9	19.9	1543.5	850.0	12.2	9.7	241.9	13.7	12.1	6.5	300.1	324.4	9.0	84.6	3.3	48.
5.8	22.2	1794.2	825.0	10.8	8.5	252.5	14.4	13.7	4.3	301.2	324.4	8.5	85.7	4.0	52.
6.7	24.7	2050.8	800.0	9.6	5.9	261.9	15.1	14.9	2.1	302.3	322.6	7.3	77.7	4.7	56.
7.6	27.1	2314.2	775.0	7.4	4.3	268.7	15.4	15.4	0.3	302.6	321.3	6.7	80.4	5.5	60.
8.6	29.8	2584.0	750.0	5.6	1.7	274.6	15.6	15.6	-1.2	303.5	319.8	5.8	75.8	6.3	65.
9.5	32.4	2861.4	725.0	4.6	-4.2	277.2	15.0	14.9	-1.9	305.0	316.4	4.0	54.0	7.0	66.
10.6	35.1	3147.5	700.0	4.3	-12.4	273.6	16.3	16.3	-1.0	307.5	314.0	2.1	28.9	7.9	72.
11.8	37.7	3443.5	675.0	4.3	-19.8	270.6	20.8	20.8	-0.2	310.6	314.3	1.2	15.3	9.2	74.
12.9	40.5	3750.3	650.0	3.4	-10.7	268.7	25.0	25.0	0.6	313.2	321.2	2.6	34.9	10.7	77.
14.1	43.2	4067.2	625.0	1.2	-11.8	268.7	26.8	26.8	0.6	314.1	321.8	2.5	37.1	12.5	78.
15.2	46.1	4394.3	600.0	-1.0	-14.9	272.1	23.8	23.7	-0.9	315.2	321.5	2.0	33.8	14.3	86.
16.6	49.3	4732.3	575.0	-3.7	-22.4	275.7	24.4	24.3	-2.4	315.7	319.3	1.1	21.6	16.0	81.
17.8	52.0	5081.4	550.0	-5.9	-28.6	279.7	26.0	25.6	-4.4	317.1	319.3	0.6	14.6	17.9	83.
19.1	55.1	5443.5	525.0	-9.0	-31.0	287.2	24.8	23.7	-7.3	317.6	319.4	0.5	14.8	19.7	85.
20.4	58.3	5818.5	500.0	-12.1	-33.9	294.0	24.7	22.6	-10.0	318.3	319.8	0.4	14.3	21.5	87.
21.8	61.6	6209.5	475.0	-14.2	-37.1	294.4	23.9	21.8	-9.9	320.4	321.5	0.3	12.3	23.4	90.
23.4	65.0	6617.2	450.0	-17.2	-39.3	291.6	25.9	24.1	-9.5	321.6	322.6	0.3	12.5	25.5	92.
25.1	68.3	7042.9	425.0	-20.9	-41.3	287.3	20.5	19.6	-6.1	322.2	323.1	0.2	14.0	27.6	93.
26.8	71.7	7487.7	400.0	-24.5	-42.4	288.6	21.1	19.9	-6.7	323.1	323.9	0.2	17.1	29.6	94.
28.5	75.6	7954.0	375.0	-28.6	-44.7	282.1	23.7	23.2	-5.0	323.7	324.4	0.2	19.4	32.1	95.
30.3	79.5	8444.1	350.0	-32.5	-47.9	285.8	21.0	20.3	-5.7	324.8	325.3	0.1	19.7	34.1	96.
32.3	83.3	8962.7	325.0	-36.0	-49.2	291.0	18.9	17.6	-6.8	327.0	327.5	0.1	24.9	36.7	96.
34.4	87.3	9514.6	300.0	-40.1	99.9	292.6	17.6	16.2	-6.8	328.8	999.9	99.9	999.9	39.1	97.
36.2	92.3	10102.8	275.0	-44.8	99.9	317.8	17.0	11.4	-12.6	330.4	999.9	99.9	999.9	40.6	98.
38.2	96.6	10731.2	250.0	-51.1	99.9	311.3	17.3	13.0	-11.5	330.1	999.9	99.9	999.9	42.2	100.
40.6	101.4	11406.2	225.0	-57.5	99.9	307.4	12.7	10.1	-7.7	330.4	999.9	99.9	999.9	44.7	102.
43.2	107.0	12141.6	200.0	-60.9	99.9	274.9	15.0	15.0	-1.3	336.3	999.9	99.9	999.9	46.2	102.
46.7	112.8	12968.3	175.0	-63.7	99.9	286.8	30.9	29.6	-8.9	344.9	999.9	99.9	999.9	51.4	102.
50.7	119.0	13917.2	150.0	-62.9	99.9	281.6	34.1	33.4	-6.9	361.8	999.9	99.9	999.9	57.8	102.
55.5	126.0	15046.7	125.0	-61.4	99.9	272.0	27.5	27.5	-0.9	383.7	999.9	99.9	999.9	66.1	101.
61.3	134.0	16416.5	100.0	-65.8	99.9	294.0	14.9	13.6	-6.1	400.5	999.9	99.9	999.9	74.4	101.
68.4	142.3	18140.6	75.0	-66.6	99.9	292.1	11.5	10.6	-4.3	433.3	999.9	99.9	999.9	79.3	102.
78.9	151.7	20620.4	50.0	-61.4	99.9	101.5	2.5	-2.4	0.5	498.9	999.9	99.9	999.9	80.2	102.
97.8	162.3	25003.2	25.0	-51.5	99.9	40.4	8.9	-5.8	-6.8	636.6	999.9	99.9	999.9	80.2	106.

* BY SPEED MEANS ELEVATION 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. 317
GREENSBORO, NC

24 APRIL 1975
2315 GMT

146 50. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	275.0	981.5	24.4	15.6	200.0	7.2	2.5	6.8	300.7	331.4	11.5	58.0	0.0	C.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	8.8	333.3	975.0	23.9	12.6	223.4	12.3	8.5	9.0	300.5	326.1	9.5	49.3	0.3	21.
0.7	11.0	559.7	950.0	22.1	12.0	225.9	13.9	10.0	9.7	300.9	326.2	9.3	52.7	0.5	33.
1.2	13.5	790.6	925.0	19.5	11.1	223.2	14.9	10.2	10.9	300.4	325.0	9.1	58.7	1.0	38.
1.9	15.8	1025.6	900.0	16.9	10.5	226.7	20.7	15.1	14.2	300.1	324.3	8.9	66.1	1.7	49.
2.8	18.3	1265.5	875.0	15.0	11.3	232.2	21.5	17.0	13.2	300.6	326.8	9.7	78.7	2.8	44.
3.7	20.8	1510.6	850.0	12.7	11.4	238.2	22.2	18.9	11.7	300.8	327.9	10.1	92.2	3.9	47.
4.6	23.2	1761.5	825.0	12.0	9.1	247.9	22.4	20.7	8.4	302.5	326.8	8.9	82.5	5.1	51.
5.3	25.7	2019.6	800.0	11.5	6.5	257.6	22.9	22.4	4.9	304.4	325.6	7.6	71.5	6.0	54.
6.0	28.3	2285.0	775.0	10.5	3.0	263.0	22.7	22.6	2.8	305.9	324.0	6.4	62.2	6.9	55.
6.9	31.0	2557.1	750.0	8.0	2.4	267.6	23.1	23.1	1.0	306.1	323.3	6.1	67.5	8.0	62.
7.9	33.3	2836.3	725.0	6.0	1.6	273.2	22.9	22.8	-1.3	306.8	323.7	5.9	73.2	9.3	66.
9.1	36.4	3123.2	700.0	4.2	-0.3	275.8	24.5	24.4	-2.5	307.8	323.2	5.3	72.3	10.7	70.
10.2	39.3	3418.3	675.0	2.1	-3.0	277.0	26.4	26.2	-3.2	308.5	321.8	4.6	69.1	12.3	74.
11.3	42.0	3722.0	650.0	-0.3	-5.4	275.9	28.5	28.3	-2.9	309.1	320.7	3.9	68.6	14.0	77.
12.5	45.0	4035.7	625.0	0.5	-15.9	265.1	25.3	25.2	2.2	313.2	318.8	1.8	27.9	15.9	79.
13.5	48.1	4361.8	600.0	-1.5	-31.8	261.2	27.5	27.2	4.2	314.4	315.9	0.4	7.7	17.4	79.
14.5	51.0	4698.9	575.0	-4.3	-30.5	261.1	27.4	27.1	4.2	315.0	316.8	0.5	10.8	19.2	79.
15.5	54.1	5047.1	550.0	-7.5	-28.4	262.0	25.8	25.6	3.6	315.2	317.4	0.7	17.0	20.7	79.
16.6	57.3	5407.8	525.0	-9.7	-48.4	266.8	25.5	25.4	1.4	316.7	317.0	0.1	2.5	22.4	80.
17.7	60.6	5782.0	500.0	-13.0	-49.6	271.2	24.3	24.3	-0.5	317.2	317.5	0.1	2.8	24.0	80.
18.9	64.0	6172.3	475.0	-14.2	-50.0	271.7	24.2	24.2	-0.7	320.4	320.7	0.1	3.0	25.7	81.
20.1	67.3	6579.5	450.0	-17.6	-51.5	270.9	22.6	22.6	-0.4	321.0	321.3	0.1	3.3	27.5	82.
21.5	70.9	7004.7	425.0	-20.6	-52.9	272.1	22.7	22.7	-0.8	322.5	322.7	0.1	3.6	29.1	82.
22.7	74.6	7450.1	400.0	-24.1	-54.7	277.9	18.7	18.5	-2.6	323.6	323.8	0.1	4.0	30.6	83.
23.8	78.5	7916.9	375.0	-28.3	-56.9	277.2	23.2	23.0	-2.9	324.1	324.3	0.0	4.4	32.0	84.
25.0	82.3	8407.8	350.0	-32.1	-59.1	280.9	18.5	18.1	-3.5	325.4	325.6	0.0	4.8	33.5	84.
26.3	86.3	8926.7	325.0	-36.4	-61.7	284.4	18.6	18.0	-4.6	326.4	326.6	0.0	5.3	35.0	85.
27.6	90.9	9477.5	300.0	-40.3	99.9	292.5	16.0	14.8	-6.1	328.5	999.9	99.9	999.9	36.0	86.
29.2	95.4	10064.8	275.0	-45.3	99.9	284.1	13.2	12.8	-3.2	329.6	999.9	99.9	999.9	37.3	87.
31.1	100.2	10692.8	250.0	-50.9	99.9	259.1	15.0	14.7	2.8	330.4	999.9	99.9	999.9	38.9	87.
33.1	105.2	11370.7	225.0	-56.3	99.9	268.7	12.6	12.6	0.3	332.2	999.9	99.9	999.9	40.5	87.
34.9	110.7	12108.8	200.0	-61.9	99.9	281.5	11.7	11.5	-2.3	334.8	999.9	99.9	999.9	41.4	87.
36.8	116.3	12925.1	175.0	-66.0	99.9	273.4	21.6	21.5	-1.3	341.0	999.9	99.9	999.9	43.4	87.
39.3	123.0	13872.6	150.0	-61.2	99.9	289.3	28.9	27.3	-9.6	364.7	999.9	99.9	999.9	47.6	86.
42.4	129.8	15006.4	125.0	-62.0	99.9	268.2	25.0	25.0	0.8	382.7	999.9	99.9	999.9	52.1	89.
46.1	137.0	16381.7	100.0	-63.7	99.9	282.1	17.3	16.9	-3.6	404.6	999.9	99.9	999.9	58.1	91.
51.3	144.7	18137.0	75.0	-64.2	99.9	300.1	2.8	2.4	-1.4	438.3	999.9	99.9	999.9	61.3	92.
59.2	153.0	20651.8	50.0	-60.8	99.9	999.9	99.9	99.9	99.9	500.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 327
NASHVILLE, TENN

24 APRIL 1975
2315 GMT

158 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	180.0	991.4	24.3	19.8	190.0	3.2	0.6	3.2	300.2	339.5	14.9	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	6.5	326.9	975.0	24.7	19.1	307.9	3.8	3.0	-2.4	302.0	340.7	14.5	71.1	0.3	42.
1.3	8.7	555.2	950.0	24.3	17.3	213.9	14.3	8.0	11.9	303.6	339.3	13.2	65.3	0.6	46.
2.2	10.9	788.4	925.0	22.1	15.5	230.0	14.8	11.4	9.5	303.5	336.2	12.1	66.3	1.5	42.
2.9	13.1	1026.1	900.0	20.1	14.3	237.8	15.1	12.8	8.1	303.8	335.0	11.5	69.3	2.1	46.
3.7	15.3	1269.1	875.0	17.9	13.5	237.3	17.2	14.5	9.3	303.5	334.4	11.2	75.2	2.8	49.
4.4	17.5	1516.7	850.0	15.4	12.6	241.7	19.3	17.0	9.2	303.7	333.3	10.9	83.4	3.6	51.
5.3	20.0	1769.8	825.0	14.1	9.3	259.9	19.8	19.5	3.5	304.7	329.4	9.0	73.1	4.6	55.
6.2	22.2	2029.7	800.0	12.7	6.8	272.0	17.2	17.2	-0.6	305.7	327.5	7.8	67.0	5.5	60.
7.1	24.7	2295.8	775.0	10.6	4.5	279.5	16.8	16.5	-2.8	306.1	325.4	6.8	65.8	6.2	66.
7.9	27.0	2568.4	750.0	8.9	3.9	280.3	16.0	15.8	-2.9	307.1	326.4	6.8	71.1	6.9	70.
8.9	29.6	2848.7	725.0	6.7	3.4	279.8	16.3	16.1	-2.8	307.7	327.0	6.8	79.4	7.7	73.
9.8	32.2	3136.5	700.0	5.0	1.8	280.1	17.3	17.1	-3.0	308.8	326.7	6.3	80.1	8.6	76.
10.8	34.9	3432.5	675.0	2.5	-0.1	278.4	19.6	19.4	-2.9	309.2	325.4	5.6	82.5	9.5	79.
11.8	37.6	3737.5	650.0	0.8	-4.4	280.1	20.7	20.3	-3.6	310.4	322.9	4.2	67.9	10.7	81.
12.9	40.3	4051.5	625.0	-1.7	-8.7	278.7	22.2	21.9	-3.4	310.9	320.5	3.2	58.9	12.1	83.
14.2	43.0	4375.0	600.0	-4.2	-12.0	280.2	22.9	22.5	-4.0	311.6	319.4	2.5	54.2	13.8	85.
15.3	46.0	4709.5	575.0	-6.4	-21.2	280.1	22.8	22.5	-4.0	312.6	316.5	1.2	29.7	15.2	87.
16.5	49.0	5055.8	550.0	-8.2	-28.1	280.6	24.5	24.0	-4.5	314.4	316.7	0.7	18.2	16.8	88.
17.8	51.9	5416.9	525.0	-9.3	-29.5	283.9	29.4	28.6	-7.1	317.3	319.4	0.6	17.4	18.9	90.
19.1	55.0	5793.4	500.0	-10.5	-28.1	280.8	29.7	29.2	-5.5	320.2	322.8	0.8	22.0	21.3	91.
20.5	58.1	6186.1	475.0	-13.4	-30.4	278.3	28.1	27.9	-4.1	321.4	323.6	0.6	22.2	23.5	92.
22.0	61.6	6594.8	450.0	-17.1	-33.5	277.0	26.9	26.7	-3.3	321.7	323.4	0.5	22.4	26.0	92.
23.4	65.0	7020.7	425.0	-20.6	-35.6	280.2	24.5	24.1	-4.4	322.5	324.0	0.4	24.6	28.2	93.
25.0	68.4	7465.7	400.0	-24.5	-37.0	282.6	24.6	24.0	-5.4	323.1	324.5	0.4	30.1	30.4	93.
26.3	72.0	7921.6	375.0	-28.7	-40.7	286.3	24.6	23.7	-6.9	323.6	324.6	0.3	30.1	32.4	94.
27.9	75.9	8421.9	350.0	-32.4	-44.9	278.1	27.5	27.2	-3.9	325.0	325.7	0.2	27.2	34.8	95.
29.5	79.8	8939.7	325.0	-36.4	-49.1	274.6	26.5	26.4	-2.1	326.4	326.9	0.1	25.4	37.4	95.
31.4	83.8	9489.1	300.0	-41.0	99.9	272.0	25.5	25.5	-0.9	327.6	999.9	99.9	999.9	40.6	95.
33.9	88.2	10075.1	275.0	-45.6	99.9	269.2	20.5	20.5	0.3	329.2	999.9	99.9	999.9	44.2	94.
36.5	93.0	10702.9	250.0	-50.9	99.9	259.6	22.9	22.5	4.1	330.4	999.9	99.9	999.9	47.4	94.
39.1	98.0	11381.4	225.0	-55.7	99.9	251.6	23.3	22.1	7.3	333.2	999.9	99.9	999.9	50.8	92.
41.8	103.3	12119.6	200.0	-62.4	99.9	252.2	26.6	25.3	8.1	333.9	999.9	99.9	999.9	54.5	71.
44.9	109.3	12923.5	175.0	-67.1	99.9	263.3	34.8	34.6	4.1	339.2	999.9	99.9	999.9	60.2	90.
48.8	115.5	13881.7	150.0	-58.3	99.9	276.1	36.5	36.3	-3.9	369.7	999.9	99.9	999.9	68.7	90.
53.1	122.7	15034.3	125.0	-59.3	99.9	253.0	27.7	26.5	8.1	387.7	999.9	99.9	999.9	76.3	90.
58.2	130.8	16414.4	100.0	-62.1	99.9	265.7	18.8	18.8	1.4	407.7	999.9	99.9	999.9	83.9	89.
64.5	139.3	18174.6	75.0	-63.3	99.9	270.1	5.2	5.2	-0.0	440.3	999.9	99.9	999.9	88.3	90.
73.4	148.7	20692.6	50.0	-59.3	99.9	285.5	2.8	2.7	-0.7	503.8	999.9	99.9	999.9	90.3	90.
87.5	158.3	25145.9	25.0	-49.1	99.9	347.5	6.4	1.4	-6.3	644.0	999.9	99.9	999.9	90.3	92.

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

STATION NO. 340
LITTLE ROCK, ARK

24 APRIL 1975
2315 GMT

165 19. 0

TIME MIN	CATCT	HEIGHT GPN	PRES MB	TEMP DG C	CEW 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	1001.7	28.3	19.5	210.0	4.6	2.3	4.0	303.3	342.0	14.4	59.0	0.0	0.
0.1	6.0	94.1	1000.0	28.5	20.1	201.3	6.8	2.5	6.3	303.7	344.0	15.0	60.4	0.2	28.
0.8	6.3	319.5	975.0	27.4	18.2	198.2	7.2	2.2	6.8	304.6	341.5	13.7	57.4	0.3	26.
1.5	10.6	548.9	950.0	24.7	16.3	201.8	8.6	3.2	7.9	303.9	337.5	12.4	59.8	0.6	21.
2.3	12.9	782.2	925.0	22.5	15.1	213.7	11.0	6.1	9.1	303.9	335.8	11.7	62.8	1.1	24.
3.2	15.2	1020.4	900.0	20.4	14.7	219.2	12.2	7.7	9.4	304.1	336.3	11.8	70.0	1.7	29.
4.1	17.5	1263.5	875.0	18.1	14.0	224.6	13.1	9.2	9.3	304.2	335.7	11.6	76.6	2.4	32.
5.0	20.1	1511.5	850.0	16.0	12.7	227.3	15.1	11.1	10.3	304.4	334.3	10.9	80.5	3.2	36.
5.8	22.4	1765.3	825.0	13.9	11.8	230.2	16.3	12.5	10.4	304.8	333.9	10.6	86.9	3.9	38.
6.7	25.0	2024.7	800.0	12.3	9.2	237.7	15.3	12.9	8.2	305.5	331.0	9.2	81.6	4.7	41.
7.8	27.4	2290.9	775.0	10.7	7.4	240.8	15.7	13.7	7.7	306.4	329.9	8.4	80.1	5.7	45.
8.8	30.1	2563.9	750.0	8.8	6.0	235.8	15.3	12.7	8.6	307.1	329.3	7.9	82.7	6.5	47.
9.3	32.9	2844.2	725.0	8.2	-3.0	227.6	15.0	11.1	10.1	309.0	321.7	4.3	46.0	7.5	47.
10.7	35.5	3135.0	700.0	8.9	-11.1	232.0	12.7	10.0	7.8	312.6	319.8	2.3	23.1	8.3	47.
11.7	38.4	3434.7	675.0	7.0	-15.9	246.4	11.8	10.8	4.7	313.6	318.8	1.6	17.7	9.0	48.
12.8	41.1	3743.3	650.0	4.7	-17.5	250.8	12.5	11.8	4.1	314.4	319.1	1.5	18.1	9.7	50.
13.9	44.1	4061.2	625.0	1.8	-17.1	245.8	14.7	13.4	6.1	314.7	319.7	1.6	22.9	10.6	51.
15.1	47.3	4388.6	600.0	-1.1	-17.6	241.4	17.0	14.9	8.1	315.0	320.1	1.6	27.3	11.6	53.
16.1	50.3	4726.5	575.0	-3.7	-14.8	242.2	19.3	17.0	9.0	315.9	322.5	2.1	41.7	12.8	53.
17.3	53.4	5075.7	550.0	-6.9	-16.6	246.5	19.4	17.8	7.7	316.1	322.1	1.9	46.1	14.1	54.
18.4	56.6	5436.9	525.0	-9.5	-16.6	251.9	22.1	21.0	6.9	317.2	323.5	2.0	56.0	15.4	56.
19.6	60.0	5811.5	500.0	-13.0	-17.4	256.3	23.8	23.1	5.6	317.4	323.6	1.9	69.5	17.1	57.
20.9	63.6	6200.3	475.0	-16.5	-20.3	261.6	26.4	26.1	3.8	317.7	322.9	1.6	72.5	18.8	60.
22.3	67.0	6605.9	450.0	-17.6	-49.3	259.8	24.8	24.4	4.4	321.1	321.4	0.1	4.3	20.9	62.
23.3	70.6	7031.1	425.0	-21.1	-50.9	255.3	25.5	24.7	6.5	321.8	322.1	0.1	4.8	23.0	63.
25.4	74.5	7475.1	400.0	-25.1	-52.9	258.5	23.8	23.3	4.7	322.3	322.6	0.1	5.4	25.4	65.
27.0	78.5	7940.6	375.0	-28.8	-52.9	260.0	24.8	24.4	4.3	323.4	323.7	0.1	7.7	27.7	66.
28.9	82.6	8430.2	350.0	-32.7	-55.4	258.6	28.3	27.7	5.6	324.5	324.8	0.1	8.3	30.4	67.
30.6	86.8	8948.1	325.0	-36.8	-51.0	267.7	30.4	30.4	1.2	325.9	326.3	0.1	21.5	33.7	69.
32.7	91.4	9497.1	300.0	-41.4	99.9	266.7	34.6	34.6	2.0	327.1	999.9	99.9	999.9	36.9	71.
34.8	96.0	10081.9	275.0	-45.7	99.9	271.9	26.8	26.8	-0.9	329.1	999.9	99.9	999.9	41.3	72.
37.2	101.0	10709.5	250.0	-50.6	99.9	267.9	36.5	36.5	1.3	330.9	999.9	99.9	999.9	45.5	74.
39.7	106.4	11389.1	225.0	-55.5	99.9	271.3	42.1	42.0	-1.0	333.5	999.9	99.9	999.9	51.4	76.
42.2	112.0	12124.9	200.0	-61.1	99.9	268.2	41.8	41.8	1.3	336.0	999.9	99.9	999.9	57.5	77.
45.4	118.3	12951.1	175.0	-63.6	99.9	271.4	37.1	37.1	-0.9	344.9	999.9	99.9	999.9	65.1	79.
48.9	125.9	13902.7	150.0	-61.3	99.9	262.1	39.2	38.8	5.4	364.5	999.9	99.9	999.9	73.4	80.
53.4	132.3	15035.7	125.0	-61.7	99.9	270.3	39.4*	39.4	-0.2	383.3	999.9	99.9	999.9	82.1	81.
58.9	140.0	16416.4	100.0	-61.8	99.9	280.1	22.9*	22.5	-4.0	408.3	999.9	99.9	999.9	92.4	81.
65.0	148.0	18177.5	75.0	-65.7	99.9	273.6	14.5*	14.5	-0.9	435.1	999.9	99.9	999.9	97.1	82.
73.6	157.0	20671.9	50.0	-59.1	99.9	205	5.4	-1.9	-5.1	504.3	999.9	99.9	999.9	100.5	83.
86.6	166.5	25111.0	25.0	-50.9	99.9	20.6	3.7	-1.3	-3.5	638.6	999.9	99.9	999.9	102.2	85.

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

STATION NO. 349
MONETTE, MO

24 APRIL 1975
2315 GMT

146 38. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	2.4	438.0	958.0	23.8	19.1	160.0	5.2	-1.8	4.9	302.6	341.9	14.7	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	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	9.2	511.8	950.0	24.2	19.9	183.8	6.9	0.5	6.9	303.9	346.0	15.7	77.1	0.2	353.
1.0	11.3	746.4	925.0	23.1	21.9	189.2	7.4	1.2	7.3	305.4	354.4	18.3	93.5	0.4	358.
1.9	13.4	965.6	900.0	20.5	18.5	204.5	9.2	3.8	8.4	304.7	345.5	15.2	88.6	0.9	9.
2.8	15.3	1229.2	875.0	18.8	17.2	211.6	9.9	5.2	8.5	305.2	343.9	14.3	90.5	1.4	15.
3.7	16.1	1472.1	850.0	16.9	15.3	224.3	11.0	7.7	7.9	305.6	341.0	13.0	90.8	1.9	22.
4.6	20.5	1732.7	825.0	14.8	13.5	226.5	12.1	8.8	8.3	305.8	338.4	11.9	91.9	2.5	28.
5.5	22.3	1993.0	800.0	12.7	11.3	230.8	10.8	8.3	6.8	306.1	335.3	10.6	91.1	3.1	32.
6.6	25.3	2259.1	775.0	10.3	8.9	239.2	11.1	9.5	5.7	306.1	331.9	9.3	91.3	3.8	36.
8.2	27.7	2531.9	750.0	8.4	7.1	248.1	14.0	13.0	5.2	306.8	330.5	8.5	91.2	4.9	43.
11.5	30.3	2811.5	725.0	5.9	5.2	252.1	14.6	13.9	4.5	306.9	328.6	7.7	95.2	7.5	53.
12.3	32.9	3098.9	700.0	4.3	3.8	251.1	16.7	15.8	5.4	308.2	328.6	7.2	96.2	8.6	55.
13.8	35.5	3394.9	675.0	2.6	2.0	250.7	18.9	17.3	6.2	309.4	328.3	6.6	95.7	9.7	57.
14.6	38.1	3699.7	650.0	0.7	-0.1	249.5	19.4	18.1	6.8	310.5	327.5	5.9	94.1	10.6	59.
15.4	40.3	4014.1	625.0	-1.8	-4.3	249.3	19.4	18.2	6.9	311.0	324.1	4.5	83.0	11.5	59.
16.2	43.6	4337.5	600.0	-4.2	-8.7	248.6	20.9	19.4	7.6	311.6	321.6	3.3	71.1	12.4	60.
17.4	46.5	4671.6	575.0	-7.3	-12.5	243.2	25.9	23.2	11.7	311.8	319.6	2.6	66.3	14.2	61.
18.6	49.5	5016.7	550.0	-9.7	-15.0	242.5	28.4	23.4	12.2	312.8	319.5	2.2	64.9	16.1	61.
19.7	52.4	5374.8	525.0	-12.0	-17.5	244.6	22.9	20.7	9.8	314.2	320.0	1.8	63.7	17.7	61.
21.3	55.5	5747.6	500.0	-13.6	-19.2	256.1	23.5	22.8	5.7	316.6	322.0	1.7	62.6	19.9	62.
23.1	58.5	6136.1	475.0	-16.1	-21.7	256.0	24.5	23.8	5.9	318.2	322.8	1.4	61.8	22.4	64.
24.6	62.0	6541.0	450.0	-19.2	-24.9	248.3	24.7	22.9	9.1	319.2	322.9	1.1	59.9	24.5	65.
26.5	65.4	6964.2	425.0	-22.3	-28.0	253.3	26.9	25.7	7.7	320.5	323.5	0.9	59.4	27.5	65.
28.1	68.9	7406.3	400.0	-26.2	-31.9	249.9	26.5	24.9	9.1	321.0	323.2	0.7	58.2	30.1	66.
29.9	72.4	7869.6	375.0	-30.0	-35.6	241.2	28.8	25.2	13.8	321.8	323.5	0.5	57.7	32.8	66.
31.6	76.3	8356.6	350.0	-34.4	-40.0	239.1	30.6	26.2	15.7	322.3	323.4	0.3	56.5	36.2	65.
33.8	80.4	8870.6	325.0	-38.7	-44.9	242.4	30.8	27.3	14.3	323.3	323.3	99.9	999.9	40.1	65.
36.6	84.5	9416.0	300.0	-42.2	-49.9	250.5	29.2	27.5	9.7	325.9	999.9	99.9	999.9	45.2	65.
38.7	88.8	9998.9	275.0	-46.7	-54.9	256.8	31.4	30.6	7.2	327.6	999.9	99.9	999.9	48.6	66.
40.6	93.6	10622.6	250.0	-52.8	-60.9	259.4	32.1	31.6	5.9	327.6	999.9	99.9	999.9	52.6	67.
42.9	98.4	11291.0	225.0	-59.6	-67.9	258.4	38.4	37.6	7.7	327.2	999.9	99.9	999.9	57.3	68.
46.1	103.9	12027.4	200.0	-60.7	-72.9	256.2	43.1*	41.9	10.3	336.7	999.9	99.9	999.9	65.3	69.
50.3	109.8	12852.1	175.0	-63.4	-76.9	259.1	50.8*	49.9	9.6	345.3	999.9	99.9	999.9	75.7	70.
56.2	115.8	13799.8	150.0	-61.6	-72.9	266.8	36.8*	36.7	2.0	363.9	999.9	99.9	999.9	88.0	72.
63.0	123.0	14932.4	125.0	-61.2	-72.9	268.6	27.5*	27.5	0.7	384.2	999.9	99.9	999.9	99.8	73.
71.5	131.0	16312.2	100.0	-63.8	-76.9	255.6	23.3*	22.5	5.8	404.4	999.9	99.9	999.9	115.4	75.
82.4	139.3	18090.2	75.0	-65.3	-76.9	284.5	11.6*	11.3	-2.9	435.9	999.9	99.9	999.9	128.7	76.
99.0	148.5	20576.5	50.0	-61.2	-76.9	257.2	8.3*	8.1	1.8	499.4	999.9	99.9	999.9	134.4	78.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 363
ANARILLO, TEX

24 APRIL 1975
2315 GMT

150 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	1055.0	886.6	24.4	2.5	20.0	6.2	-2.1	-5.8	308.7	323.7	5.2	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.
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	13.9	1209.9	875.0	22.7	0.5	37.2	4.5	-2.7	-3.6	308.0	321.2	4.6	23.1	0.2	207.
1.3	15.8	1460.6	850.0	19.7	-0.4	42.3	4.7	-3.2	-3.5	307.4	320.1	4.4	25.8	0.4	214.
2.4	17.9	1716.1	825.0	17.1	-1.2	59.6	5.8	-5.0	-2.9	307.2	319.6	4.2	28.6	0.7	222.
3.3	20.1	1977.3	800.0	14.7	-2.6	55.9	3.2	-2.7	-1.8	307.4	318.9	3.9	30.1	1.0	227.
4.2	22.2	2244.6	775.0	12.1	-3.7	52.9	2.3	-1.9	-1.4	307.3	318.3	3.8	33.1	1.1	228.
5.2	24.5	2518.0	750.0	9.6	-4.0	28.8	1.7	-0.8	-1.5	307.5	318.6	3.8	37.8	1.2	227.
6.1	26.6	2798.3	725.0	7.4	-6.2	167.0	1.9	-0.4	1.9	308.0	317.8	3.3	37.2	1.2	229.
7.0	29.0	3085.7	700.0	4.9	-7.4	206.1	3.5	1.5	3.1	308.3	317.7	3.1	40.5	1.1	233.
8.0	31.3	3390.8	675.0	1.9	-8.5	224.7	5.9	4.2	4.2	308.1	317.1	3.0	46.0	0.8	239.
9.1	34.0	3683.7	650.0	-0.8	-10.2	234.7	7.4	6.0	4.3	308.3	316.5	2.7	48.9	0.4	250.
10.3	36.3	3957.5	625.0	-0.4	-24.5	259.3	11.2	11.0	2.1	312.1	314.9	0.8	14.1	0.3	52.
11.4	39.0	4222.1	600.0	-3.0	-27.4	269.8	14.1	14.1	0.0	312.7	314.9	0.7	13.1	1.1	81.
12.3	41.5	4658.1	575.0	-4.6	-27.5	271.4	16.4	16.4	-0.4	314.7	317.0	0.7	14.6	1.9	86.
13.1	44.1	5006.0	550.0	-7.6	-25.4	270.9	17.7	17.7	-0.3	315.2	318.1	0.9	22.3	2.8	87.
14.3	47.0	5365.7	525.0	-11.0	-27.1	272.8	18.3	18.2	-0.9	315.2	317.8	0.8	25.1	4.0	88.
15.7	49.9	5739.1	500.0	-13.6	-34.9	282.6	17.9	17.4	-3.9	316.5	317.9	0.4	14.5	5.5	91.
17.5	52.9	6126.8	475.0	-16.3	-38.7	292.1	17.4	16.1	-6.5	317.7	318.7	0.3	12.4	7.4	95.
19.2	55.8	6531.0	450.0	-19.7	-41.5	297.2	17.9	16.0	-8.2	318.4	319.2	0.2	12.3	9.0	99.
20.7	59.0	6952.3	425.0	-23.2	-44.1	291.5	20.2	18.8	-7.4	319.2	319.8	0.2	12.6	10.7	102.
22.2	62.4	7393.0	400.0	-27.2	-47.1	288.6	20.6	19.5	-6.6	319.6	320.1	0.1	12.9	12.5	103.
23.7	65.9	7854.0	375.0	-31.4	-50.3	282.7	22.3	21.8	-4.9	320.0	320.4	0.1	13.3	14.5	103.
25.2	69.5	8338.9	350.0	-35.4	-53.5	280.5	22.2	21.9	-4.1	320.9	321.2	0.1	13.7	16.5	103.
27.0	73.2	8850.6	325.0	-39.3	99.9	276.4	26.2	26.0	-2.9	322.5	999.9	99.9	999.9	19.0	102.
29.0	77.3	9396.2	300.0	-41.6	99.9	270.4	28.0	28.0	-0.2	326.8	999.9	99.9	999.9	22.2	101.
31.1	81.4	9981.9	275.0	-45.5	99.9	271.1	34.0	34.0	-0.6	329.4	999.9	99.9	999.9	26.0	99.
33.2	85.8	10611.1	250.0	-49.8	99.9	275.5	42.1	41.9	-4.0	332.1	999.9	99.9	999.9	30.7	98.
35.6	90.9	11295.4	225.0	-53.3	99.9	281.9	41.7	40.8	-8.6	336.9	999.9	99.9	999.9	37.1	99.
38.1	96.0	12046.4	200.0	-58.2	99.9	259.1	29.6	29.1	5.6	340.6	999.9	99.9	999.9	42.4	98.
40.5	101.5	12878.6	175.0	-62.8	99.9	257.6	38.6	37.7	8.3	346.3	999.9	99.9	999.9	47.5	96.
43.9	108.0	13837.5	150.0	-57.2	99.9	271.4	32.8	32.8	-0.8	371.6	999.9	99.9	999.9	54.8	95.
47.7	115.3	14986.2	125.0	-59.5	99.9	260.3	30.1	29.7	5.0	387.3	999.9	99.9	999.9	61.7	93.
52.3	123.7	16367.9	100.0	-63.4	99.9	269.6	28.4	28.4	0.2	405.2	999.9	99.9	999.9	68.4	92.
58.3	133.7	18139.0	75.0	-60.6	99.9	273.6	24.1	24.0	-1.5	445.9	999.9	99.9	999.9	76.5	92.
65.6	144.5	20672.9	50.0	-58.7	99.9	263.0	7.0	6.9	0.9	505.2	999.9	99.9	999.9	80.1	92.
77.6	156.0	25138.5	25.0	-49.7	99.9	340.8	9.3	3.1	-8.8	641.9	999.9	99.9	999.9	83.2	93.

* BY SPEED MEANS ELEVATION 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. 402
WALLOPS ISLAND, VA

24 APRIL 1975
2315 GMT

153 40, 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	4.0	1011.0	13.9	11.1	999.9	99.9	99.9	99.9	287.2	308.4	8.2	83.0	999.9	999.
0.4	5.5	97.2	1000.0	16.3	13.1	999.9	99.9	99.9	99.9	290.7	315.5	9.6	81.1	999.9	999.
1.2	7.6	315.4	975.0	21.8	13.0	999.9	99.9	99.9	99.9	298.4	324.5	9.7	57.5	999.9	999.
1.9	9.9	541.0	950.0	21.3	12.2	999.9	99.9	99.9	99.9	300.1	325.6	9.5	56.1	999.9	999.
2.8	11.9	771.4	925.0	19.1	10.7	999.9	99.9	99.9	99.9	300.1	323.9	8.8	58.3	999.9	999.
3.7	14.2	1006.4	900.0	17.0	9.9	999.9	99.9	99.9	99.9	300.2	323.4	8.5	62.9	999.9	999.
4.6	16.3	1246.1	875.0	14.8	9.3	999.9	99.9	99.9	99.9	300.2	323.3	8.5	69.9	999.9	999.
5.5	18.6	1491.0	850.0	12.9	8.8	999.9	99.9	99.9	99.9	300.8	323.7	8.4	75.9	999.9	999.
6.4	20.9	1741.6	825.0	11.1	8.5	999.9	99.9	99.9	99.9	301.5	324.6	8.5	83.7	999.9	999.
7.4	23.3	1998.7	800.0	10.4	5.5	999.9	99.9	99.9	99.9	303.2	323.0	7.1	71.5	999.9	999.
8.4	25.7	2263.3	775.0	9.6	4.4	999.9	99.9	99.9	99.9	305.0	324.1	6.8	70.1	999.9	999.
9.5	28.1	2535.2	750.0	8.6	3.3	999.9	99.9	99.9	99.9	306.7	325.1	6.5	69.4	999.9	999.
10.6	30.7	2815.3	725.0	7.0	-1.4	999.9	99.9	99.9	99.9	307.8	321.6	4.8	55.2	999.9	999.
11.7	33.4	3103.1	700.0	5.0	-2.7	999.9	99.9	99.9	99.9	308.6	321.7	4.5	57.3	999.9	999.
12.8	35.9	3399.3	675.0	3.5	-4.1	999.9	99.9	99.9	99.9	310.1	322.5	4.2	57.4	999.9	999.
13.9	38.7	3704.6	650.0	1.1	-5.2	999.9	99.9	99.9	99.9	310.7	322.6	4.0	63.0	999.9	999.
14.9	41.3	4019.3	625.0	-1.2	-4.2	999.9	99.9	99.9	99.9	311.6	324.9	4.5	80.3	999.9	999.
16.1	44.3	4344.1	600.0	-2.7	-8.1	999.9	99.9	99.9	99.9	313.4	323.8	3.5	66.4	999.9	999.
17.2	47.3	4680.7	575.0	-4.8	-5.8	999.9	99.9	99.9	99.9	314.8	327.8	4.3	93.0	999.9	999.
18.3	50.3	5029.0	550.0	-7.7	-8.6	999.9	99.9	99.9	99.9	315.4	326.5	3.6	93.3	999.9	999.
19.4	53.4	5389.2	525.0	-10.7	-12.6	999.9	99.9	99.9	99.9	315.8	324.4	2.8	85.9	999.9	999.
20.7	56.5	5762.5	500.0	-13.7	-19.2	999.9	99.9	99.9	99.9	316.4	321.8	1.7	63.3	999.9	999.
22.0	59.9	6151.2	475.0	-15.2	-27.2	999.9	99.9	99.9	99.9	319.2	322.1	0.9	34.8	999.9	999.
23.5	63.4	6557.2	450.0	-18.6	-29.7	999.9	99.9	99.9	99.9	319.9	322.6	0.8	40.7	999.9	999.
24.9	66.9	6980.7	425.0	-21.9	-23.3	999.9	99.9	99.9	99.9	321.1	325.6	1.4	88.8	999.9	999.
26.4	70.4	7426.8	400.0	-23.1	-27.7	999.9	99.9	99.9	99.9	325.0	328.4	1.0	65.8	999.9	999.
27.9	74.2	7856.0	375.0	-27.0	-32.0	999.9	99.9	99.9	99.9	325.8	328.2	0.7	62.7	999.9	999.
29.5	78.3	8389.4	350.0	-31.0	-32.5	999.9	99.9	99.9	99.9	326.9	329.4	0.7	86.9	999.9	999.
31.3	82.4	8910.4	325.0	-35.3	-37.8	999.9	99.9	99.9	99.9	327.9	329.6	0.4	78.0	999.9	999.
33.1	86.7	9463.0	300.0	-39.7	99.9	999.9	99.9	99.9	99.9	329.4	999.9	99.9	999.9	999.9	999.
35.0	91.4	10051.4	275.0	-44.9	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	999.9	999.9	999.
36.7	96.3	10680.2	250.0	-50.9	99.9	999.9	99.9	99.9	99.9	330.4	999.9	99.9	999.9	999.9	999.
39.1	101.4	11359.4	225.0	-57.2	99.9	999.9	99.9	99.9	99.9	330.9	999.9	99.9	999.9	999.9	999.
41.5	107.3	12087.6	200.0	-64.1	99.9	999.9	99.9	99.9	99.9	331.3	999.9	99.9	999.9	999.9	999.
44.1	113.3	12896.4	175.0	-68.3	99.9	999.9	99.9	99.9	99.9	337.3	999.9	99.9	999.9	999.9	999.
47.0	120.0	13827.2	150.0	-65.6	99.9	999.9	99.9	99.9	99.9	357.1	999.9	99.9	999.9	999.9	999.
50.8	127.3	14957.2	125.0	-60.5	99.9	999.9	99.9	99.9	99.9	385.5	999.9	99.9	999.9	999.9	999.
55.3	135.5	16346.4	100.0	-61.3	99.9	999.9	99.9	99.9	99.9	409.3	999.9	99.9	999.9	999.9	999.
61.1	143.7	18115.6	75.0	-66.2	99.9	999.9	99.9	99.9	99.9	434.1	999.9	99.9	999.9	999.9	999.
69.1	152.3	20623.0	50.0	-61.2	99.9	999.9	99.9	99.9	99.9	499.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 405
STERLING, VA

24 APRIL 1975
2315 GMT

164 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	85.0	999.2	18.5	16.3	300.0	6.2	5.4	-3.1	293.3	323.8	11.8	87.0	6.7	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.0	8.9	295.8	975.0	17.8	15.5	311.4	12.5	9.4	-8.3	294.6	324.5	11.5	86.8	0.6	138.
1.9	11.2	518.9	950.0	18.0	13.2	301.4	11.4	9.7	-5.9	296.8	323.5	10.1	73.3	1.3	132.
2.8	13.8	747.1	925.0	16.6	12.9	279.4	10.6	10.4	-1.7	297.6	323.1	9.6	73.9	1.8	126.
3.9	16.1	980.2	900.0	14.8	11.8	260.2	9.2	9.1	1.6	298.1	324.1	9.7	81.9	2.5	110.
4.6	18.9	1218.5	875.0	13.2	11.1	233.9	11.7	9.4	6.9	298.8	324.4	9.5	86.6	2.7	109.
5.4	21.1	1462.4	850.0	11.6	9.6	232.1	15.9	12.5	9.7	299.5	323.5	8.9	87.6	3.1	99.
6.1	23.8	1712.1	825.0	9.9	8.8	228.4	17.2	12.9	11.4	300.3	323.8	8.7	92.6	3.6	91.
7.0	26.2	1967.6	800.0	8.3	7.4	228.4	18.0	13.4	11.9	301.0	323.3	8.1	94.2	4.3	82.
7.9	29.1	2229.9	775.0	6.9	6.1	235.4	18.3	15.1	10.4	302.2	323.3	7.6	94.3	5.3	76.
8.8	31.3	2499.5	750.0	5.5	4.7	242.8	18.8	16.7	8.6	303.5	323.5	7.2	94.4	6.2	74.
9.7	34.6	2776.6	725.0	4.0	3.2	247.1	18.6	17.2	7.2	304.7	323.4	6.7	94.6	7.3	72.
10.7	37.3	3062.1	700.0	2.8	2.0	252.3	19.1	18.2	5.8	306.3	324.3	6.3	94.5	8.3	72.
11.6	40.2	3356.2	675.0	1.0	0.2	256.4	18.9	18.4	4.5	307.5	324.0	5.8	94.2	9.4	72.
12.7	43.0	3659.6	650.0	-0.0	-0.9	259.6	16.9	16.6	3.1	309.6	325.7	5.5	94.1	10.5	73.
13.8	46.1	3973.6	625.0	-1.7	-2.5	262.7	18.0	17.8	2.3	311.2	326.1	5.1	93.8	11.7	74.
15.0	49.3	4298.1	600.0	-3.5	-4.4	262.2	18.3	18.1	2.5	312.6	326.3	4.6	93.6	12.9	75.
16.0	52.1	4634.0	575.0	-5.4	-6.3	261.7	18.0	17.8	2.6	314.2	326.6	4.1	93.0	14.1	75.
17.3	55.4	4982.1	550.0	-7.5	-8.8	264.2	20.4	20.3	2.1	315.6	326.5	3.6	90.6	15.5	76.
18.5	58.6	5343.2	525.0	-9.7	-11.1	265.4	21.8	21.7	1.8	317.1	326.7	3.1	89.5	17.1	77.
19.9	62.1	5718.5	500.0	-12.0	-14.0	262.4	24.0	23.8	3.2	318.7	326.8	2.6	84.9	18.9	78.
21.4	65.6	6109.5	475.0	-14.7	-16.9	264.3	23.2	23.1	2.3	320.0	326.8	2.1	83.4	21.0	78.
22.9	69.0	6516.8	450.0	-17.3	-19.6	265.8	24.6	24.5	1.8	321.7	327.5	1.8	82.1	23.1	79.
24.6	72.6	6942.9	425.0	-20.5	-22.7	265.3	27.0	26.9	2.2	322.9	327.7	1.4	82.3	25.8	79.
26.3	76.5	7388.9	400.0	-24.0	-26.8	273.9	26.5	26.5	-1.8	323.8	327.4	1.1	77.8	28.6	80.
28.2	80.4	7857.1	375.0	-27.5	-30.5	269.3	28.0	28.0	0.4	325.3	328.0	0.8	74.9	31.4	81.
30.1	84.5	8349.7	350.0	-31.4	-35.3	266.8	26.9	26.9	1.5	326.4	328.3	0.5	68.0	34.8	82.
32.4	88.5	8869.9	325.0	-35.8	-40.7	268.4	30.5	30.5	0.9	327.3	328.5	0.3	60.0	38.7	83.
34.9	93.0	9420.5	300.0	-40.4	-45.9	266.0	30.4	30.3	2.1	328.5	329.9	99.9	999.9	43.4	83.
37.5	97.5	10006.9	275.0	-45.7	-51.9	268.3	29.8	29.8	0.6	329.1	329.9	99.9	999.9	46.4	84.
40.6	102.3	10634.1	250.0	-51.5	-57.9	267.4	32.1	32.1	1.5	329.6	329.9	99.9	999.9	54.2	84.
43.2	107.9	11309.4	225.0	-57.5	-63.9	257.8	33.2	32.4	7.0	330.4	329.9	99.9	999.9	58.7	84.
46.0	113.3	12041.3	200.0	-64.5	-70.9	255.5	24.0	23.2	6.0	330.6	329.9	99.9	999.9	63.3	83.
49.2	115.3	12845.1	175.0	-69.8	-76.9	270.0	16.9	16.9	0.0	334.7	329.9	99.9	999.9	68.3	83.
53.5	125.8	13773.9	150.0	-64.3	-70.9	264.1	24.1	24.0	2.5	359.4	329.9	99.9	999.9	73.4	84.
59.4	133.3	14901.8	125.0	-61.7	-67.9	287.9	26.7*	25.4	-8.2	383.3	329.9	99.9	999.9	83.1	85.
65.9	141.0	16292.3	100.0	-58.6	-64.9	264.2	11.0*	10.9	1.1	414.6	329.9	99.9	999.9	89.4	87.
73.6	149.0	18067.0	75.0	-66.4	-72.9	329.8	6.1	3.1	-5.3	433.8	329.9	99.9	999.9	94.4	87.
84.4	158.7	20572.5	50.0	-59.9	-65.9	285.7	3.4	3.2	-0.9	502.5	329.9	99.9	999.9	95.8	89.
101.0	169.0	24942.0	25.0	-54.7	-60.9	999.9	99.9	99.9	99.9	627.5	329.9	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. 425
HUNTINGTON, WVA

24 APRIL 1975
2315 GMT

139 46. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	246.0	982.8	17.2	16.1	310.0	3.2	2.5	-2.1	293.4	323.9	11.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	7.9	314.2	975.0	16.9	15.8	311.3	8.2	6.1	-5.4	293.7	324.1	11.7	93.4	0.1	115.
1.0	10.1	536.0	950.0	15.8	14.9	304.4	7.8	6.4	-4.4	294.7	324.3	11.3	94.4	0.4	131.
1.9	12.1	762.7	925.0	14.6	13.9	285.5	8.3	8.0	-2.2	295.7	324.0	10.8	94.8	0.8	121.
2.8	14.3	994.7	900.0	13.5	12.5	278.7	11.9	11.7	-1.8	296.7	323.8	10.2	94.0	1.3	113.
3.6	16.4	1232.3	875.0	12.7	11.4	273.2	10.6	10.6	-0.6	298.3	324.3	9.7	91.6	1.8	105.
4.4	18.7	1475.8	850.0	11.3	10.0	269.2	14.9	14.9	0.2	299.2	323.9	9.1	91.4	2.4	104.
5.1	20.8	1725.5	825.0	10.3	9.0	271.0	14.7	14.7	-0.3	300.7	324.5	8.8	91.1	3.1	101.
6.1	23.3	1981.8	800.0	9.2	7.7	272.6	15.5	15.5	-0.7	302.0	324.7	8.3	90.5	3.9	99.
7.2	25.5	2244.9	775.0	7.5	6.0	269.0	17.9	17.9	0.3	302.8	323.8	7.6	90.2	5.0	97.
8.4	27.9	2514.4	750.0	5.2	3.9	270.4	19.3	19.3	-0.1	303.1	321.9	6.8	91.1	6.4	95.
9.6	30.5	2791.0	725.0	3.4	2.1	276.1	20.0	19.9	-2.1	304.0	321.3	6.1	90.7	7.7	95.
10.7	33.1	3075.4	700.0	1.9	0.5	279.9	22.0	21.7	-3.8	305.3	321.4	5.7	90.6	9.2	95.
11.8	35.5	3368.7	675.0	0.5	-0.8	281.0	23.6	23.1	-4.5	306.9	322.3	5.4	90.4	10.6	94.
12.9	38.1	3671.5	650.0	-0.9	-2.0	278.9	23.8	23.5	-3.7	308.6	323.4	5.1	92.2	12.2	97.
14.0	40.7	3984.6	625.0	-2.1	-3.1	275.1	22.6	22.5	-2.0	310.7	325.0	4.9	92.8	13.7	97.
15.1	43.4	4308.6	600.0	-3.5	-4.5	271.3	19.3	19.2	-0.4	312.6	326.2	4.6	92.6	15.1	96.
16.1	46.3	4644.7	575.0	-5.1	-6.1	269.8	18.2	18.2	0.1	314.6	327.2	4.2	92.0	16.2	96.
17.2	49.3	4992.6	550.0	-8.1	-10.9	273.4	20.7	20.7	-1.2	314.9	324.1	3.0	79.7	17.4	96.
18.4	51.9	5352.1	525.0	-11.2	-20.2	274.0	22.0	21.9	-1.5	315.1	319.9	1.5	47.6	19.0	95.
19.5	55.0	5724.6	500.0	-13.3	-34.1	277.9	21.9	21.7	-3.0	316.9	318.3	0.4	15.4	20.4	94.
20.7	58.0	6114.0	475.0	-14.9	-29.2	279.9	23.9	23.6	-4.1	319.5	321.9	0.7	28.4	22.1	94.
21.9	61.3	6520.8	450.0	-18.3	-30.7	283.1	25.7	25.0	-5.8	320.2	322.5	0.7	32.8	23.9	96.
23.2	64.4	6945.2	425.0	-21.0	-41.7	285.0	26.4	25.5	-6.9	322.0	322.8	0.2	13.8	25.9	97.
24.4	67.6	7390.8	400.0	-23.7	-53.4	284.1	30.2	29.3	-7.4	324.1	324.4	0.1	4.5	27.9	97.
25.7	70.9	7858.7	375.0	-27.4	-55.5	283.7	32.3	31.4	-7.7	325.2	325.4	0.1	4.9	30.3	96.
27.0	74.6	8350.9	350.0	-31.9	-58.2	277.0	28.8	28.6	-3.5	325.6	325.8	0.0	5.3	32.8	98.
28.6	78.5	8869.5	325.0	-36.1	-45.9	264.6	28.5	28.4	2.7	326.8	327.5	0.2	36.9	35.5	96.
30.0	82.3	9420.9	300.0	-40.2	99.9	256.2	31.3	30.6	6.4	328.7	999.9	99.9	999.9	37.9	97.
31.5	86.3	10005.1	275.0	-44.5	99.9	254.8	30.9	29.8	8.1	330.7	999.9	99.9	999.9	40.4	95.
33.1	90.8	10640.0	250.0	-49.5	99.9	256.4	32.0	31.1	7.5	332.4	999.9	99.9	999.9	43.3	94.
35.0	95.5	11320.8	225.0	-55.8	99.9	257.6	29.7	29.0	6.4	333.0	999.9	99.9	999.9	46.8	92.
37.2	100.3	12058.9	200.0	-62.4	99.9	265.5	29.9	29.8	2.3	333.5	999.9	99.9	999.9	51.2	92.
39.5	105.8	12876.5	175.0	-65.6	99.9	276.2	26.4	26.3	-2.8	341.7	999.9	99.9	999.9	54.6	92.
41.5	111.8	13819.2	150.0	-60.0	99.9	276.7	29.0	28.8	-3.4	366.7	999.9	99.9	999.9	58.6	92.
44.6	118.3	14960.7	125.0	-59.3	99.9	262.0	29.9	29.6	4.2	387.7	999.9	99.9	999.9	62.7	92.
47.8	125.8	16357.0	100.0	-60.1	99.9	275.2	20.3	20.2	-1.8	411.7	999.9	99.9	999.9	68.2	92.
51.4	134.5	18135.9	75.0	-61.9	99.9	313.1	3.1	2.3	-2.1	443.3	999.9	99.9	999.9	70.8	92.
56.1	143.3	20669.9	50.0	-59.2	99.9	999.9	99.9	99.9	99.9	504.1	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

STATION NO. 429
DAYTON, OHIO

24 APRIL 1975
2315 GMT

142 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	298.0	976.0	18.8	15.1	255.0	6.2	6.0	1.6	295.5	324.7	11.1	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	8.1	306.9	975.0	18.7	14.9	999.9	99.9	99.9	99.9	295.5	324.5	11.0	78.4	999.9	999.9
0.8	10.2	529.9	950.0	17.3	13.9	999.9	99.9	99.9	99.9	296.2	324.2	10.6	80.3	999.9	999.9
1.7	12.2	757.4	925.0	15.3	13.1	281.5	7.7	7.5	-1.5	296.3	323.7	10.4	87.1	0.8	85.
2.5	14.4	989.7	900.0	13.1	12.1	287.3	7.3	6.9	-2.2	296.3	322.7	10.0	94.2	1.2	93.
3.2	16.4	1226.4	875.0	11.5	10.6	294.6	7.4	6.8	-3.1	297.0	321.7	9.3	94.2	1.4	97.
4.1	18.6	1468.3	850.0	9.4	8.5	301.2	7.5	6.4	-3.9	297.1	319.2	8.2	93.7	1.8	102.
5.0	20.8	1715.9	825.0	9.1	4.0	295.0	6.6	6.0	-2.8	299.0	316.0	6.2	70.3	2.2	105.
5.8	23.2	1970.5	800.0	7.6	3.8	305.5	7.2	5.9	-4.2	300.1	317.5	6.3	76.5	2.5	108.
6.6	25.4	2232.0	775.0	6.0	3.4	313.4	7.8	5.7	-5.4	301.1	318.7	6.4	83.6	2.8	110.
7.5	27.7	2500.1	750.0	3.9	1.8	311.3	7.6	5.7	-5.0	301.6	317.9	5.8	85.7	3.2	112.
8.4	30.1	2775.4	725.0	2.9	-3.1	306.9	7.7	6.2	-4.6	303.2	315.2	4.2	64.2	3.6	114.
9.5	32.6	3059.2	700.0	1.5	-6.5	294.0	7.5	6.9	-3.1	304.5	314.4	3.4	55.9	4.1	115.
10.5	35.2	3351.3	675.0	-0.4	-7.3	280.8	7.6	7.4	-1.4	305.6	315.2	3.3	59.8	4.6	115.
11.5	37.6	3652.1	650.0	-2.9	-8.3	281.5	8.9	8.7	-1.8	306.1	315.4	3.1	66.3	5.0	113.
12.5	40.2	3962.1	625.0	-4.8	-8.1	284.0	12.2	11.8	-3.0	307.4	317.2	3.3	77.6	5.6	112.
13.5	42.8	4282.5	600.0	-6.6	-7.2	285.5	15.3	14.7	-4.1	308.9	319.9	3.7	95.6	6.5	111.
14.5	45.6	4614.9	575.0	-7.7	-8.2	283.6	17.3	16.8	-4.1	311.4	322.1	3.6	96.1	7.5	110.
15.4	48.4	4959.9	550.0	-9.6	-10.2	281.4	20.9	20.5	-4.1	313.0	322.7	3.2	95.6	8.4	109.
16.7	51.1	5316.6	525.0	-12.9	-32.0	273.4	25.3	25.2	-1.5	312.9	314.6	0.5	19.1	10.2	106.
18.0	54.3	5686.5	500.0	-16.0	-45.0	266.0	27.0	26.9	1.9	313.5	314.0	0.1	6.1	12.2	104.
19.4	57.1	6071.2	475.0	-18.1	-55.4	267.4	28.6	28.5	1.3	315.5	315.6	0.0	2.2	14.4	101.
20.8	60.3	6473.3	450.0	-20.7	-40.8	272.0	29.7	29.7	-1.0	317.3	318.1	0.2	14.4	16.7	100.
22.3	63.6	6894.2	425.0	-23.2	-40.9	271.3	30.7	30.7	-0.7	319.2	320.1	0.2	17.9	19.5	99.
23.8	66.8	7335.2	400.0	-26.4	-40.9	269.6	34.3	34.3	0.2	320.7	321.6	0.3	24.1	22.3	98.
25.4	70.2	7799.4	375.0	-30.0	-45.0	266.2	36.9	36.8	2.4	321.9	322.5	0.2	21.4	25.8	96.
27.1	73.8	8285.1	350.0	-34.6	-51.9	268.3	37.0	37.0	1.1	322.0	322.3	0.1	15.2	29.5	95.
29.0	77.7	8799.1	325.0	-37.9	-63.0	269.1	38.2	38.2	0.6	324.3	324.4	0.0	5.2	33.7	94.
31.0	81.5	9346.3	300.0	-41.4	99.9	270.8	41.1	41.1	-0.6	327.0	999.9	99.9	999.9	38.7	94.
33.2	85.6	9930.8	275.0	-46.2	99.9	267.6	40.5	40.5	1.7	328.4	999.9	99.9	999.9	44.1	93.
35.7	90.0	10559.2	250.0	-49.7	99.9	258.5	41.8	41.0	8.3	332.2	999.9	99.9	999.9	49.6	92.
38.2	94.9	11241.7	225.0	-54.7	99.9	251.8	36.3	34.4	11.3	334.6	999.9	99.9	999.9	55.4	90.
40.8	99.8	11984.0	200.0	-60.6	99.9	256.4	43.0	41.8	10.1	336.8	999.9	99.9	999.9	61.1	89.
43.7	105.0	12803.6	175.0	-66.2	99.9	259.4	35.7*	35.1	6.5	340.7	999.9	99.9	999.9	68.1	88.
47.2	110.8	13749.7	150.0	-62.0	99.9	263.2	28.1*	28.0	3.2	363.3	999.9	99.9	999.9	75.1	87.
51.3	117.3	14894.3	125.0	-56.0	99.9	269.7	28.8*	28.8	0.1	393.6	999.9	99.9	999.9	82.1	87.
56.1	124.5	16392.5	100.0	-57.6	99.9	267.4	31.2*	31.1	1.4	416.5	999.9	99.9	999.9	90.6	87.
62.5	132.3	18099.7	75.0	-62.2	99.9	285.2	2.7*	2.6	-0.7	442.6	999.9	99.9	999.9	95.5	88.
70.8	140.3	20632.2	50.0	-57.6	99.9	267.3	1.9	1.9	0.1	507.8	999.9	99.9	999.9	98.0	87.
84.2	148.7	25076.7	25.0	-51.9	99.9	999.9	99.9	99.9	99.9	635.7	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 433
SALEM, ILL

24 APRIL 1975
2315 GMT

157 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	175.0	991.0	21.2	12.6	156.0	2.6	-1.3	2.3	296.4	321.1	9.3	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	99.9	99.9	99.9	99.9	99.9
0.4	6.3	316.1	975.0	20.3	12.2	106.8	2.0	-1.9	0.6	296.9	321.5	9.2	59.6	0.1	341.
1.2	6.3	539.7	950.0	18.2	11.2	88.0	2.5	-2.5	-0.1	296.8	320.4	8.8	63.7	0.2	311.
2.0	10.3	767.7	925.0	15.9	10.0	79.8	3.2	-3.2	-0.6	296.7	319.1	8.4	67.9	0.3	290.
2.9	12.3	999.9	900.0	14.2	8.5	55.3	4.7	-3.9	-2.7	297.2	318.3	7.8	69.2	0.4	273.
3.7	14.4	1237.7	875.0	13.2	7.5	58.5	3.2	-2.8	-1.7	298.5	318.8	7.5	68.1	0.6	258.
4.5	16.4	1481.6	850.0	12.7	4.0	254.5	1.7	1.6	0.4	300.2	316.9	6.0	55.2	0.7	258.
5.3	16.6	1732.0	825.0	11.8	1.5	999.9	99.9	99.9	99.9	301.8	316.4	5.2	49.1	999.9	99.9
6.1	20.7	1985.6	800.0	9.7	99.9	999.9	99.9	99.9	99.9	301.6	999.9	99.9	999.9	999.9	99.9
7.0	23.0	2250.7	775.0	8.2	99.9	999.9	99.9	99.9	99.9	302.7	999.9	99.9	999.9	999.9	99.9
7.9	25.3	2520.5	750.0	6.8	99.9	999.9	99.9	99.9	99.9	303.9	999.9	99.9	999.9	999.9	99.9
8.9	27.6	2797.3	725.0	4.7	99.9	999.9	99.9	99.9	99.9	304.6	999.9	99.9	999.9	999.9	99.9
10.0	30.0	3082.1	700.0	2.2	1.6	999.9	99.9	99.9	99.9	305.7	323.2	6.2	95.7	999.9	99.9
11.1	32.6	3375.9	675.0	1.9	-14.8	999.9	99.9	99.9	99.9	308.0	313.5	1.8	28.0	999.9	99.9
12.2	35.2	3679.3	650.0	0.1	-16.9	267.8	17.1	17.1	0.7	309.3	314.1	1.6	26.4	5.8	84.
13.3	37.7	3992.1	625.0	-2.4	-15.6	268.8	19.0	19.0	0.4	309.9	315.5	1.8	35.4	7.0	85.
14.3	40.4	4314.8	600.0	-4.8	-20.6	267.5	20.8	20.8	0.9	310.6	314.6	1.2	27.8	8.2	85.
15.4	43.1	4647.5	575.0	-7.8	-22.7	265.2	21.5	21.4	1.8	310.9	314.4	1.1	29.1	9.7	85.
16.6	46.0	4991.3	550.0	-10.3	-22.9	266.5	21.7	21.7	0.6	311.9	315.5	1.1	34.6	11.2	85.
17.9	49.0	5348.1	525.0	-12.4	-23.7	273.5	20.6	20.6	-1.3	313.5	317.0	1.1	38.3	12.8	86.
19.2	52.0	5719.5	500.0	-14.0	-40.5	270.0	26.1	26.1	-0.0	316.0	316.7	0.2	8.4	14.6	87.
20.5	55.1	6107.4	475.0	-16.4	-42.1	265.0	31.8	31.8	0.6	317.6	318.3	0.2	8.7	16.7	87.
21.7	58.3	6512.1	450.0	-19.1	-42.6	266.1	36.9	36.8	2.5	319.2	319.9	0.2	10.4	19.5	87.
23.3	61.7	6934.4	425.0	-22.6	-42.0	264.1	38.3	38.1	4.0	320.0	320.8	0.2	15.1	22.9	87.
24.7	65.4	7376.2	400.0	-26.1	-31.9	261.0	36.7	36.2	5.7	321.1	323.3	0.7	58.4	26.2	86.
26.3	68.9	7840.0	375.0	-29.4	-35.1	263.4	37.4	37.1	4.3	322.6	324.4	0.5	57.8	29.8	86.
28.1	72.5	8328.6	350.0	-33.6	-40.4	267.0	38.2	38.1	2.0	323.3	324.5	0.3	50.2	33.7	86.
29.9	76.7	8843.9	325.0	-37.8	-46.9	267.0	40.8	40.8	2.1	324.5	325.1	0.2	37.5	36.1	86.
31.9	80.9	9390.3	300.0	-42.4	99.9	264.8	40.7	40.6	3.7	325.6	999.9	99.9	999.9	43.2	86.
34.2	85.4	9972.6	275.0	-47.1	99.9	263.0	42.5	42.1	5.2	327.0	999.9	99.9	999.9	48.8	86.
36.6	90.2	10596.5	250.0	-51.8	99.9	261.7	41.0	40.6	5.9	329.1	999.9	99.9	999.9	54.8	85.
39.1	95.4	11273.6	225.0	-55.9	99.9	263.9	36.8*	36.6	3.9	332.9	999.9	99.9	999.9	60.7	85.
41.8	101.0	12014.3	200.0	-60.3	99.9	255.8	34.6*	34.0	6.1	337.3	999.9	99.9	999.9	67.3	85.
44.4	107.3	12838.8	175.0	-64.4	99.9	256.7	33.2*	32.3	7.7	343.6	999.9	99.9	999.9	73.7	84.
48.1	114.3	13789.9	150.0	-60.0	99.9	266.4	35.5*	35.4	2.2	366.7	999.9	99.9	999.9	81.5	84.
52.6	122.0	14941.3	125.0	-56.8	99.9	262.0	26.9*	26.6	3.7	392.1	999.9	99.9	999.9	90.0	84.
57.6	130.3	16338.6	100.0	-59.3	99.9	283.8	14.2*	13.8	-3.4	413.2	999.9	99.9	999.9	97.2	84.
63.8	139.3	18129.6	75.0	-63.5	99.9	264.8	14.2*	14.2	1.3	439.8	999.9	99.9	999.9	102.6	84.
72.2	148.3	20659.6	50.0	-58.2	99.9	45.4	1.5	-1.1	-1.0	506.4	999.9	99.9	999.9	106.8	85.
85.0	157.7	25106.7	25.0	-52.9	99.9	19.4	2.6	-0.9	-2.4	633.1	999.9	99.9	999.9	107.6	86.

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

STATION NO. 451
DODGE CITY, KAN

24 APRIL 1975
2315 GMT

155 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	13.4	791.0	920.6	21.1	9.4	60.0	6.2	-5.4	-3.1	302.4	324.6	8.1	47.0	6.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
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.
00.8	15.4	986.3	900.0	18.5	10.2	999.9	99.9	99.9	99.9	301.8	325.6	8.7	58.2	999.9	999.
1.7	17.6	1227.4	875.0	16.6	9.6	999.9	99.9	99.9	99.9	302.1	325.7	8.6	63.4	999.9	999.
2.5	20.1	1473.6	850.0	14.1	9.5	49.1	5.3	-4.0	-3.5	302.1	326.2	8.8	73.6	1.0	232.
3.3	22.3	1725.2	825.0	11.7	9.0	40.8	5.1	-3.3	-3.8	302.1	326.1	8.8	83.5	1.3	231.
4.2	24.9	1982.2	800.0	9.8	7.7	30.3	3.4	-1.7	-2.9	302.7	325.6	8.3	86.9	1.5	228.
5.2	27.3	2245.9	775.0	8.0	6.2	313.7	0.9	0.7	-0.6	303.4	324.7	7.7	88.7	1.0	226.
6.4	30.0	2516.0	750.0	6.0	3.5	290.2	3.4	3.2	-1.2	303.9	322.4	6.6	84.2	1.5	221.
7.4	32.6	2793.3	725.0	4.2	-0.6	273.3	5.3	5.3	-0.3	304.7	319.2	5.1	71.1	1.4	213.
8.5	35.3	3079.1	700.0	4.3	-14.2	272.0	8.2	8.2	-0.3	307.5	313.1	1.8	24.6	1.2	194.
9.5	37.8	3373.6	675.0	1.8	-17.8	267.9	8.7	8.6	0.3	307.8	312.2	1.4	21.7	1.2	167.
10.7	40.6	3676.4	650.0	-1.0	-18.2	274.5	8.5	8.5	-0.7	308.0	312.4	1.4	25.5	1.4	144.
11.4	43.4	3988.0	625.0	-3.2	-18.6	280.3	9.4	9.3	-1.7	309.0	313.4	1.4	29.1	1.9	132.
13.0	46.3	4309.8	600.0	-5.2	-22.0	273.9	11.6	11.6	-0.8	310.2	313.7	1.1	25.3	2.5	123.
14.1	49.1	4642.9	575.0	-6.8	-27.9	272.8	13.9	13.9	-0.7	312.1	314.3	0.7	16.6	3.3	115.
15.3	52.0	4987.7	550.0	-9.3	-30.6	277.2	13.8	13.7	-1.7	313.1	314.9	0.5	15.7	4.3	110.
16.7	55.2	5345.5	525.0	-12.2	-37.4	281.5	12.4	12.1	-2.5	313.7	314.7	0.3	10.2	5.3	108.
18.0	58.1	5716.3	500.0	-15.2	-40.1	283.2	15.0	14.6	-3.4	314.4	315.2	0.2	9.8	6.4	107.
19.3	61.5	6101.4	475.0	-18.6	-40.7	280.6	17.1	16.9	-3.1	314.9	315.7	0.2	12.1	7.7	107.
20.7	65.0	6501.6	450.0	-21.7	-43.0	277.2	17.3	17.2	-2.2	315.9	316.5	0.2	12.4	9.1	105.
22.2	68.3	6919.8	425.0	-25.4	-46.6	278.4	19.2	19.0	-2.8	316.5	316.9	0.1	11.6	10.7	104.
23.7	71.6	7356.7	400.0	-29.1	-47.8	266.6	21.2	21.1	1.2	317.2	317.6	0.1	14.3	12.6	103.
25.3	75.4	7814.1	375.0	-33.3	-48.9	263.3	21.5	21.4	2.5	317.5	317.9	0.1	19.0	14.5	100.
27.0	79.3	8294.4	350.0	-37.2	-51.9	263.4	26.0	25.8	3.0	318.5	318.8	0.1	19.7	16.7	98.
28.7	83.2	8802.4	325.0	-41.2	99.9	256.0	25.4	24.7	6.1	319.8	999.9	99.9	999.9	19.7	95.
30.5	87.3	9340.5	300.0	-46.1	99.9	257.6	28.9	28.2	6.2	320.4	999.9	99.9	999.9	22.2	93.
32.6	91.9	9914.0	275.0	-50.4	99.9	252.9	31.8	30.4	9.4	322.2	999.9	99.9	999.9	25.9	90.
34.7	96.4	10534.2	250.0	-52.5	99.9	255.5	30.4	29.4	7.6	328.1	999.9	99.9	999.9	29.5	86.
36.9	101.3	11213.4	225.0	-53.8	99.9	260.0	33.8	33.2	5.9	336.0	999.9	99.9	999.9	34.0	87.
39.4	106.8	11964.1	200.0	-56.2	99.9	259.7	35.3	34.8	6.3	343.7	999.9	99.9	999.9	38.8	86.
42.3	112.5	12810.0	175.0	-56.4	99.9	270.2	33.5	33.5	-0.1	356.8	999.9	99.9	999.9	45.6	86.
45.6	119.0	13784.5	150.0	-57.6	99.9	263.1	32.2	32.0	3.9	370.9	999.9	99.9	999.9	51.6	85.
49.3	126.0	14935.7	125.0	-57.7	99.9	259.8	22.8	22.4	4.0	390.5	999.9	99.9	999.9	58.4	85.
53.9	134.0	16344.8	100.0	-59.4	99.9	254.4	26.4	25.4	7.1	415.2	999.9	99.9	999.9	65.8	85.
59.7	142.3	18149.9	75.0	-58.3	99.9	265.1	22.6	22.5	1.9	450.6	999.9	99.9	999.9	73.2	84.
67.5	151.7	20690.5	50.0	-57.0	99.9	281.5	7.3	7.1	-1.5	509.4	999.9	99.9	999.9	77.3	84.
80.5	162.0	25163.8	25.0	-50.2	99.9	285.2	6.1	5.8	-1.6	640.3	999.9	99.9	999.9	78.8	86.

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

STATION NO. 456
TOPEKA, KAN

24 APRIL 1975
2325 GMT

158 26. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	6.5	268.0	979.0	21.1	17.3	70.0	4.6	-4.3	-1.6	297.8	331.6	12.8	79.0	0.0	C.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	6.9	303.5	975.0	20.5	14.8	126.0	3.6	-2.9	2.1	297.3	326.4	11.0	70.0	0.2	242.
0.9	9.2	527.3	950.0	18.0	12.6	93.7	3.0	-3.0	0.2	296.8	322.7	9.7	70.7	0.3	227.
1.9	11.3	755.3	925.0	16.0	10.9	36.9	7.4	-4.4	-5.9	296.9	320.7	8.9	71.7	0.6	227.
2.6	13.6	987.8	900.0	14.0	11.3	31.7	7.7	-4.0	-6.6	297.2	322.3	9.4	83.9	0.9	222.
3.5	15.8	1225.6	875.0	13.1	10.7	12.4	4.9	-1.0	-4.8	298.7	323.6	9.3	85.1	1.3	217.
4.3	18.3	1469.3	850.0	11.8	9.1	339.5	3.1	1.1	-2.9	299.6	322.8	8.6	83.7	1.4	212.
5.3	20.6	1715.1	825.0	10.3	8.0	226.5	2.0	1.5	1.4	300.6	322.9	8.2	85.5	1.5	208.
6.3	23.1	1975.7	800.0	10.4	7.2	218.9	5.9	3.7	4.6	303.2	325.3	8.0	80.7	1.2	207.
7.3	25.5	2239.8	775.0	8.5	5.8	224.7	7.1	5.0	5.1	303.9	324.8	7.5	83.4	0.8	194.
8.3	28.0	2510.5	750.0	7.0	2.6	226.8	5.4	3.9	3.7	305.0	322.4	6.2	73.4	0.5	177.
9.3	30.3	2788.6	725.0	5.2	-1.5	276.4	12.0	12.0	-1.3	305.8	319.4	4.7	61.7	0.5	152.
10.3	33.4	3074.9	700.0	4.2	-7.0	264.6	19.4	19.3	1.8	307.6	317.2	3.2	43.7	1.7	106.
11.5	36.0	3370.0	675.0	2.7	-16.5	241.9	14.2	12.6	6.7	308.9	313.7	1.6	22.7	2.5	87.
12.8	38.9	3673.8	650.0	-0.1	-17.2	270.8	15.0	15.0	-0.2	309.0	313.7	1.5	26.1	3.6	89.
13.9	41.6	3986.2	625.0	-2.9	-18.0	273.0	14.8	14.8	-6.8	309.3	313.9	1.5	30.0	4.7	89.
15.1	44.6	4307.8	600.0	-5.7	-18.9	273.7	14.8	14.8	-1.0	309.6	314.1	1.4	34.3	5.7	90.
16.2	47.6	4639.5	575.0	-8.7	-19.7	270.4	14.8	14.8	-0.1	310.0	314.3	1.4	40.3	6.7	91.
17.5	50.7	4982.0	550.0	-12.0	-21.5	266.3	13.5	13.5	0.4	310.0	313.9	1.2	44.9	7.3	90.
18.8	53.9	5336.1	525.0	-14.5	-27.7	267.5	14.2	14.2	0.6	311.0	313.4	0.7	31.6	8.8	90.
20.0	56.9	5703.9	500.0	-17.3	-26.5	265.1	15.6	15.6	1.3	312.0	314.8	0.9	44.2	10.0	90.
21.4	60.4	6086.3	475.0	-20.2	-31.0	257.8	17.1	16.7	3.6	313.0	315.0	0.6	37.3	11.2	89.
22.7	63.7	6484.8	450.0	-22.9	-29.5	258.6	22.9	22.0	6.1	314.5	316.9	0.7	54.3	12.7	87.
24.2	67.0	6901.9	425.0	-25.3	-32.9	253.1	23.5	22.5	6.8	316.6	318.5	0.6	48.6	14.8	85.
25.6	70.6	7339.5	400.0	-28.8	-36.6	253.4	23.0	22.0	6.6	317.5	318.7	0.3	38.1	16.8	84.
27.4	74.3	7797.2	375.0	-32.8	-45.5	247.5	26.5	24.5	10.1	318.1	318.7	0.2	26.6	19.3	82.
29.2	78.3	8290.1	350.0	-35.8	-51.9	250.0	31.6	29.7	10.8	320.4	320.7	0.1	17.1	22.3	80.
30.9	82.4	8791.3	325.0	-39.5	-47.7	248.2	39.0	36.2	14.4	322.2	322.7	0.2	41.0	25.8	79.
32.6	86.8	9334.4	300.0	-43.7	99.9	238.7	37.4	31.9	19.5	323.8	999.9	99.9	999.9	29.8	77.
34.3	91.5	9912.4	275.0	-49.2	99.9	239.9	40.1	34.7	20.1	324.0	999.9	99.9	999.9	33.5	75.
36.4	96.4	10529.9	250.0	-54.1	99.9	247.0	44.7	41.2	17.5	325.7	999.9	99.9	999.9	38.6	73.
38.9	101.6	11204.2	225.0	-55.7	99.9	249.3	41.9	39.2	14.8	333.2	999.9	99.9	999.9	45.5	73.
41.8	107.6	11950.6	200.0	-57.6	99.9	253.5	38.8	37.2	11.0	341.6	999.9	99.9	999.9	52.7	73.
44.9	113.8	12795.0	175.0	-56.7	99.9	251.4	30.4	28.8	9.7	356.4	999.9	99.9	999.9	57.6	73.
48.3	120.7	13769.8	150.0	-57.6	99.9	263.9	26.3	26.1	2.8	370.8	999.9	99.9	999.9	64.0	73.
52.2	128.0	14915.8	125.0	-59.3	99.9	255.6	28.7	27.8	7.1	387.7	999.9	99.9	999.9	70.0	74.
57.5	136.7	16319.6	100.0	-58.4	99.9	263.5	27.7	27.5	3.1	414.9	999.9	99.9	999.9	79.1	74.
63.6	144.7	18130.3	75.0	-58.7	99.9	258.9	16.7	16.1	4.3	449.8	999.9	99.9	999.9	85.7	74.
72.0	153.7	20667.4	50.0	-56.3	99.9	315.1	5.7	4.0	-4.0	510.9	999.9	99.9	999.9	90.9	76.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 486
FORT TOTTEN, N Y

24 APRIL 1975
2359 GMT

152 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	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	8.0	1008.2	13.0	12.8	999.9	99.9	99.9	99.9	286.7	310.4	9.3	99.0	999.9	999.
0.3	5.1	77.1	1000.0	13.7	13.7	999.9	99.9	99.9	99.9	288.1	313.5	9.9	102.0	999.9	999.
1.0	7.1	292.4	975.0	15.8	15.8	999.9	99.9	99.9	99.9	292.6	322.8	11.7	102.3	999.9	999.
1.8	9.3	513.6	950.0	14.9	14.9	999.9	99.9	99.9	99.9	293.8	323.3	11.3	102.2	999.9	999.
2.6	11.3	739.7	925.0	13.7	13.7	999.9	99.9	99.9	99.9	294.8	322.9	10.8	102.0	999.9	999.
3.4	13.5	970.7	900.0	12.1	12.1	999.9	99.9	99.9	99.9	295.3	321.4	9.9	101.8	999.9	999.
4.4	15.6	1204.9	875.0	10.7	10.7	999.9	99.9	99.9	99.9	296.2	320.9	9.3	101.6	999.9	999.
5.4	17.3	1448.5	850.0	9.2	9.2	999.9	99.9	99.9	99.9	296.9	320.0	8.6	101.3	999.9	999.
6.6	20.2	1665.9	825.0	7.5	7.5	999.9	99.9	99.9	99.9	297.6	318.9	7.9	101.1	999.9	999.
7.5	22.4	1949.5	800.0	6.0	5.8	999.9	99.9	99.9	99.9	298.5	318.3	7.3	99.3	999.9	999.
8.5	24.9	2209.4	775.0	4.8	4.8	999.9	99.9	99.9	99.9	298.9	319.1	7.0	100.3	999.9	999.
9.4	27.1	2476.9	750.0	3.4	3.4	999.9	99.9	99.9	99.9	301.1	319.2	6.6	100.3	999.9	999.
10.4	29.6	2752.0	725.0	2.0	2.0	999.9	99.9	99.9	99.9	302.5	319.6	6.1	100.1	999.9	999.
11.5	32.2	3035.2	700.0	1.0	1.0	999.9	99.9	99.9	99.9	304.4	321.0	5.9	99.9	999.9	999.
12.5	34.9	3327.7	675.0	0.2	0.2	999.9	99.9	99.9	99.9	306.6	323.1	5.8	99.8	999.9	999.
13.6	37.4	3630.3	650.0	-1.2	-1.2	999.9	99.9	99.9	99.9	308.3	323.9	5.4	100.6	999.9	999.
14.9	40.2	3942.8	625.0	-2.9	-2.9	999.9	99.9	99.9	99.9	309.7	324.1	4.9	100.3	999.9	999.
16.1	42.9	4265.7	600.0	-4.6	-4.7	999.9	99.9	99.9	99.9	311.4	324.7	4.5	99.4	999.9	999.
17.3	45.9	4600.2	575.0	-6.4	-6.6	999.9	99.9	99.9	99.9	313.0	325.2	4.1	98.3	999.9	999.
18.8	48.9	4946.9	550.0	-8.5	-8.9	999.9	99.9	99.9	99.9	314.4	325.1	3.6	97.3	999.9	999.
20.0	51.8	5307.1	525.0	-10.4	-11.0	999.9	99.9	99.9	99.9	316.3	325.9	3.1	95.3	999.9	999.
21.3	55.3	5681.2	500.0	-12.9	-14.0	999.9	99.9	99.9	99.9	317.6	325.7	2.6	91.7	999.9	999.
22.8	58.1	6070.6	475.0	-15.7	-17.1	999.9	99.9	99.9	99.9	318.7	325.4	2.1	88.9	999.9	999.
24.3	61.6	6476.6	450.0	-18.6	-20.3	999.9	99.9	99.9	99.9	320.0	325.5	1.7	86.5	999.9	999.
25.8	65.2	6900.4	425.0	-21.9	-23.7	999.9	99.9	99.9	99.9	321.0	325.4	1.3	84.9	999.9	999.
27.3	68.7	7344.2	400.0	-25.2	-27.2	999.9	99.9	99.9	99.9	322.4	325.8	1.0	83.2	999.9	999.
29.8	72.3	7809.6	375.0	-28.9	-31.4	999.9	99.9	99.9	99.9	323.3	325.9	0.7	78.9	999.9	999.
30.5	76.4	8299.8	350.0	-32.6	-35.6	999.9	99.9	99.9	99.9	324.7	326.6	0.5	74.6	999.9	999.
32.2	80.6	8817.3	325.0	-37.0	99.9	999.9	99.9	99.9	99.9	325.7	999.9	99.9	999.9	999.9	999.
34.1	85.0	9365.4	300.0	-41.4	99.9	999.9	99.9	99.9	99.9	327.0	999.9	99.9	999.9	999.9	999.
36.0	89.4	9946.8	275.0	-46.4	99.9	999.9	99.9	99.9	99.9	328.0	999.9	99.9	999.9	999.9	999.
38.5	94.5	10574.7	250.0	-52.1	99.9	999.9	99.9	99.9	99.9	328.6	999.9	99.9	999.9	999.9	999.
40.8	99.6	11242.4	225.0	-57.7	99.9	999.9	99.9	99.9	99.9	330.1	999.9	99.9	999.9	999.9	999.
43.4	105.3	11980.8	200.0	-63.8	99.9	999.9	99.9	99.9	99.9	331.7	999.9	99.9	999.9	999.9	999.
46.1	111.3	12791.3	175.0	-66.4*	99.9	999.9	99.9	99.9	99.9	340.4	999.9	99.9	999.9	999.9	999.
49.4	117.9	13727.4	150.0	-64.2	99.9	999.9	99.9	99.9	99.9	359.4	999.9	99.9	999.9	999.9	999.
54.9	125.3	14860.0	125.0	-59.6	99.9	999.9	99.9	99.9	99.9	387.2	999.9	99.9	999.9	999.9	999.
61.5	133.0	16264.0	100.0	-56.7	99.9	999.9	99.9	99.9	99.9	418.3	999.9	99.9	999.9	999.9	999.
70.0	141.0	18048.7	75.0	-62.9	99.9	999.9	99.9	99.9	99.9	441.0	999.9	99.9	999.9	999.9	999.
81.6	149.0	20562.4	50.0	-58.7	99.9	999.9	99.9	99.9	99.9	505.1	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

STATION NO. 518
ALBANY, N Y

24 APRIL 1975
2315 GMT

158 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	86.0	998.5	13.8	13.2	170.0	5.2	-0.9	5.1	288.3	312.9	9.6	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.
0.0	8.4	287.1	975.0	13.0	12.0	181.2	5.4	0.1	5.4	289.5	312.9	9.1	93.1	0.2	343.
1.5	10.6	506.7	950.0	14.0	12.1	235.3	5.1	4.2	2.9	292.6	317.1	9.4	88.3	0.5	5.
2.4	12.9	731.6	925.0	12.6	10.8	262.8	7.7	7.6	1.0	293.4	316.6	8.8	88.7	0.7	31.
3.2	15.2	961.4	900.0	10.9	9.3	276.5	9.1	9.1	-1.0	293.8	315.6	8.2	90.2	0.9	54.
4.1	17.3	1196.3	875.0	9.4	8.0	287.2	9.5	9.1	-2.8	294.5	315.1	7.7	90.9	1.3	71.
5.1	19.7	1436.6	850.0	7.6	6.2	279.8	6.7	6.6	-1.1	295.0	313.9	7.1	91.4	1.8	81.
6.1	22.7	1682.8	825.0	7.0	5.5	273.3	5.6	5.6	-0.3	296.9	315.6	6.9	90.2	2.1	82.
7.0	24.5	1935.9	800.0	6.1	1.7	293.7	5.8	5.3	-2.3	298.4	313.4	5.4	73.2	2.4	85.
8.1	26.5	2196.2	775.0	5.2	-0.4	301.9	5.6	4.7	-2.9	300.0	313.6	4.8	67.2	2.6	90.
9.0	29.5	2463.7	750.0	3.8	-1.3	286.7	7.0	6.7	-2.0	301.3	314.5	4.6	69.1	3.0	93.
9.9	32.1	2738.4	725.0	1.7	-1.4	275.9	7.6	7.5	-0.8	301.9	315.3	4.8	79.8	3.3	94.
11.0	34.9	3020.6	700.0	-0.1	-2.3	270.3	8.9	8.9	-0.1	302.9	316.1	4.6	84.9	3.9	93.
12.0	37.3	3311.6	675.0	-1.8	-3.6	273.4	10.0	10.0	-0.6	304.2	316.7	4.3	87.4	4.5	93.
13.2	40.2	3611.4	650.0	-2.7	-6.8	270.1	12.7	12.7	-0.0	305.2	315.6	3.5	79.1	5.2	93.
14.3	42.9	3920.7	625.0	-4.7	-35.1	277.0	13.6	13.5	-1.7	307.2	308.9	0.6	12.9	6.2	93.
15.6	45.9	4241.1	600.0	-6.5	-37.1	283.7	15.1	14.7	-3.6	308.6	309.5	0.3	6.7	7.2	94.
16.9	48.9	4572.5	575.0	-8.4	-37.9	276.5	14.6	14.5	-1.7	310.1	311.0	0.2	7.1	8.4	95.
18.2	51.7	4915.2	550.0	-11.3	-39.7	273.6	17.0	17.0	-1.1	310.7	311.4	0.2	7.4	9.7	95.
19.6	54.9	5270.1	525.0	-13.7	-41.3	275.3	19.1	19.0	-1.8	311.9	312.6	0.2	7.6	11.1	95.
21.0	58.0	5641.1	500.0	-14.4	-49.5	268.3	20.1	20.1	0.6	315.5	315.8	0.1	3.2	12.8	95.
22.4	61.3	6027.6	475.0	-17.6	-51.0	263.6	23.0	22.9	2.6	316.1	316.4	0.1	3.5	14.6	93.
23.9	64.8	6430.0	450.0	-20.5	-36.7	261.1	26.1	25.8	4.0	317.5	318.9	0.4	25.5	16.8	92.
25.4	68.0	6850.4	425.0	-23.5	-34.6	255.7	28.5	27.6	7.0	318.9	320.6	0.5	34.9	19.2	91.
27.1	71.6	7292.6	400.0	-25.8	-37.8	251.6	27.4	26.0	8.7	321.4	322.7	0.4	31.3	22.0	88.
28.9	75.4	7756.5	375.0	-29.3	-33.2	256.8	31.4	30.5	7.2	322.8	324.9	0.6	69.1	24.7	86.
30.6	79.5	8246.3	350.0	-32.6	-36.1	258.8	34.8	34.1	6.7	324.7	326.5	0.5	71.0	28.4	85.
32.4	83.4	8763.3	325.0	-37.5	-42.7	261.4	34.6	34.2	5.2	324.9	325.9	0.3	58.2	32.1	85.
34.4	87.6	9310.5	300.0	-42.1	59.9	267.6	38.5	38.5	1.6	326.1	999.9	99.9	999.9	36.3	85.
36.5	92.2	9893.1	275.0	-47.0	99.9	268.4	38.2	38.2	1.1	327.1	999.9	99.9	999.9	41.4	85.
38.8	97.0	10516.4	250.0	-52.3	99.9	268.0	42.2	42.1	1.5	328.3	999.9	99.9	999.9	46.7	86.
41.3	102.0	11188.0	225.0	-58.3	99.9	269.9	44.9	44.9	0.1	329.2	999.9	99.9	999.9	53.2	86.
44.0	107.6	11918.5	200.0	-64.7	99.9	273.0	55.4	55.3	-2.9	330.4	999.9	99.9	999.9	61.5	87.
47.2	113.5	12722.1	175.0	-69.5	99.9	277.0	40.6*	40.6	-5.0	335.4	999.9	99.9	999.9	71.0	88.
51.3	120.0	13664.6	150.0	-61.5	99.9	276.8	36.6*	36.3	-4.3	364.1	999.9	99.9	999.9	80.2	89.
55.7	127.3	14838.6	125.0	-57.9	99.9	289.1	32.4*	30.6	-10.6	390.2	999.9	99.9	999.9	88.8	90.
61.0	135.5	16219.9	100.0	-57.1	99.9	294.2	23.2*	21.1	-9.5	417.5	999.9	99.9	999.9	96.5	92.
67.4	143.3	18027.8	75.0	-59.8	99.9	296.3	14.2*	12.8	-6.3	447.6	999.9	99.9	999.9	104.6	94.
76.9	152.3	20568.7	50.0	-57.8	99.9	292.4	9.5	8.8	-3.6	507.3	999.9	99.9	999.9	105.9	95.
93.0	161.0	24971.6	25.0	-54.4	99.9	3.5	1.9	-0.1	-1.9	628.2	999.9	99.9	999.9	105.3	97.

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

STATION NO. 520
PITTSBURG, PA

24 APRIL 1975
2315 GMT

148 40. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	359.0	967.0	15.0	13.9	270.0	3.1	3.1	0.0	292.3	319.3	10.4	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	10.0	510.1	950.0	15.9	13.6	288.5	8.0	7.6	-2.6	294.7	322.0	10.4	85.9	0.2	95.
1.2	11.9	736.8	925.0	14.4	12.6	309.2	7.3	5.7	-4.6	295.3	321.7	10.0	89.1	0.5	127.
1.9	14.1	968.2	900.0	12.7	12.1	325.7	8.4	4.7	-6.9	295.9	322.0	9.9	96.1	0.8	121.
2.7	16.2	1204.7	875.0	11.1	10.7	320.1	8.3	5.3	-6.3	296.5	321.2	9.3	97.1	1.2	128.
3.4	18.5	1446.8	850.0	9.6	9.1	309.2	7.6	5.9	-4.8	297.3	320.3	8.6	96.9	1.6	130.
4.3	20.6	1694.7	825.0	8.3	7.8	308.6	9.4	7.3	-5.9	298.5	320.4	8.1	96.7	2.0	129.
5.2	22.0	1948.6	800.0	6.3	5.2	297.2	7.9	7.0	-3.6	298.7	317.8	7.0	92.8	2.5	129.
6.1	25.3	2208.7	775.0	4.5	2.6	292.9	7.9	7.2	-3.1	299.4	315.9	6.0	87.4	2.9	126.
7.0	27.6	2475.5	750.0	3.1	1.6	291.4	7.1	6.6	-2.6	300.6	316.6	5.7	89.8	3.3	124.
7.9	30.1	2749.9	725.0	1.4	0.2	285.8	6.3	6.0	-1.7	301.7	316.8	5.4	91.5	3.6	123.
8.9	32.7	3032.4	700.0	0.3	-0.4	271.6	8.5	8.5	-0.2	303.5	318.6	5.3	95.2	4.0	121.
9.9	35.3	3324.1	675.0	-0.9	-1.5	261.9	11.9	11.7	1.7	305.3	319.9	5.1	95.6	4.5	116.
11.1	37.8	3625.2	650.0	-2.3	-2.8	253.9	14.9	14.3	4.1	307.0	320.9	4.8	96.1	5.3	110.
12.1	40.5	3936.4	625.0	-3.9	-4.4	250.4	17.7	16.6	5.9	308.6	321.4	4.4	95.8	6.1	104.
13.3	43.2	4258.1	600.0	-5.6	-6.2	253.3	19.9	18.1	5.4	310.1	322.0	4.0	95.6	7.2	98.
14.5	46.1	4591.0	575.0	-7.7	-8.3	258.2	20.4	20.0	4.2	311.4	322.0	3.6	95.4	8.5	95.
15.7	49.1	4936.6	550.0	-9.4	-10.0	263.8	21.7	21.5	2.3	313.3	323.1	3.2	95.1	10.1	92.
17.0	51.9	5295.3	525.0	-11.1	-11.9	266.0	22.0	21.9	1.5	315.4	324.4	2.9	94.4	11.7	92.
18.3	55.1	5668.6	500.0	-13.5	-14.3	256.9	21.9	21.3	5.0	316.8	324.7	2.5	93.6	13.4	91.
19.7	58.1	6057.3	475.0	-16.3	-17.3	253.1	21.6	20.7	6.3	318.0	324.6	2.1	92.3	15.2	88.
21.3	61.6	6462.5	450.0	-19.2	-20.3	252.5	22.2	21.2	6.7	319.3	324.7	1.7	90.8	17.2	87.
22.6	65.1	6885.0	425.0	-23.3	-28.6	256.9	24.4	23.8	5.5	319.1	322.0	0.8	62.1	19.0	85.
23.9	68.5	7326.5	400.0	-26.3	-34.7	262.9	25.5	25.3	3.2	320.8	322.6	0.5	44.4	21.0	85.
25.5	72.1	7790.2	375.0	-29.6	-36.0	267.0	27.4	27.3	1.4	322.3	324.0	0.5	53.6	23.3	85.
27.0	76.2	8278.8	350.0	-33.5	-39.8	263.5	29.5	29.3	3.4	323.5	324.7	0.3	52.4	26.0	85.
28.6	80.3	8795.4	325.0	-37.3	-43.5	258.1	34.3	33.5	7.1	325.2	326.1	0.2	52.1	29.0	84.
30.1	84.5	9343.3	300.0	-41.5	99.9	252.4	35.5	33.9	10.7	326.9	999.9	99.9	999.9	32.1	84.
31.9	89.6	9927.9	275.0	-46.1	99.9	248.9	36.5	34.1	13.1	328.5	999.9	99.9	999.9	36.0	82.
33.7	93.9	10554.3	250.0	-51.4	99.9	246.6	35.7	32.8	14.2	329.6	999.9	99.9	999.9	39.7	81.
35.6	99.0	11228.8	225.0	-57.6	99.9	244.8	39.2	35.5	16.7	330.2	999.9	99.9	999.9	43.9	79.
37.7	104.3	11961.1	200.0	-64.3	99.9	248.2	38.5	35.7	14.3	331.0	999.9	99.9	999.9	48.7	78.
40.3	110.4	12775.1	175.0	-65.0	99.9	270.7	36.3	36.3	-0.4	342.7	999.9	99.9	999.9	54.6	78.
43.4	116.8	13721.6	150.0	-60.9	99.9	270.2	25.1	25.1	-0.1	365.2	999.9	99.9	999.9	60.3	79.
47.6	124.3	14858.1	125.0	-59.5	99.9	276.0	21.7	21.6	-2.3	387.3	999.9	99.9	999.9	67.0	82.
52.8	132.5	16251.2	100.0	-59.2	99.9	278.0	13.5	13.4	-1.9	413.5	999.9	99.9	999.9	72.9	82.
59.5	141.3	18039.8	75.0	-64.1	99.9	216.5	1.7	1.0	1.4	438.5	999.9	99.9	999.9	76.2	82.
68.2	150.7	20551.1	50.0	-60.3	99.9	242.1	3.3	2.9	1.6	501.5	999.9	99.9	999.9	77.8	83.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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STATION NO. 528
BUFFALO, N Y

24 APRIL 1975
2315 GMT

132 98. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	60.4	218.0	984.4	11.1	7.8	10.0	3.2	-0.6	-3.2	286.4	303.9	6.8	80.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.3	7.2	298.4	975.0	11.5	6.2	342.6	3.0	0.9	-2.9	297.5	303.6	6.1	70.1	0.1	175.
1.0	5.4	515.1	950.0	9.5	6.3	339.6	2.9	1.0	-2.7	287.6	304.1	6.3	80.4	0.2	169.
1.8	11.4	735.9	925.0	7.4	5.9	307.4	3.6	2.9	-2.2	287.7	304.2	6.3	90.3	0.3	163.
2.5	13.6	961.6	900.0	7.0	6.4	285.0	6.7	6.4	-1.7	289.6	307.3	6.7	95.6	0.5	142.
3.3	15.9	1193.5	875.0	7.6	0.1	290.7	8.2	7.6	-2.9	292.2	304.3	4.4	59.5	0.8	127.
4.0	18.1	1432.7	850.0	8.4	-2.7	281.7	8.5	8.3	-1.7	295.4	305.7	3.7	45.6	1.2	121.
4.8	20.4	1679.4	825.0	7.7	-0.8	288.4	8.8	8.3	-2.8	297.3	309.5	4.4	54.9	1.6	117.
5.6	22.9	1932.6	800.0	6.3	0.1	283.3	9.0	8.7	-2.1	298.4	311.9	4.8	64.7	2.0	115.
6.5	25.2	2192.8	775.0	5.3	-1.0	285.1	11.0	10.7	-2.9	300.1	313.0	4.6	63.8	2.5	113.
7.4	27.6	2460.1	750.0	3.3	-2.2	285.1	11.4	11.0	-3.0	300.8	313.1	4.4	67.0	3.1	111.
8.3	30.2	2734.5	725.0	2.1	-8.0	284.9	10.0	9.7	-2.6	302.1	310.7	2.9	48.1	3.7	110.
9.1	32.8	3016.9	700.0	0.2	-13.9	289.0	9.6	9.1	-3.1	303.0	308.6	1.9	33.6	4.2	110.
10.0	35.5	3307.4	675.0	-1.9	-14.4	291.5	10.5	9.8	-3.8	303.8	309.3	1.9	37.6	4.7	110.
10.9	38.1	3606.7	650.0	-3.0	-25.9	289.0	11.8	11.2	-3.9	305.6	307.9	0.7	15.0	5.3	110.
11.9	40.9	3916.2	625.0	-4.2	-34.1	279.2	12.3	12.1	-2.0	307.7	308.8	0.3	7.7	6.1	110.
12.9	43.9	4236.5	600.0	-6.5	-33.7	280.8	11.4	11.2	-2.1	308.6	309.8	0.4	9.3	6.8	104.
13.9	46.8	4567.4	575.0	-8.9	-34.9	283.6	12.9	12.5	-3.0	309.6	310.8	0.3	10.0	7.3	104.
14.9	49.9	4909.8	550.0	-11.7	-37.1	279.8	14.3	14.1	-2.4	310.1	311.1	0.3	10.0	8.3	107.
16.1	52.9	5265.0	525.0	-13.5	-40.2	277.6	14.9	14.8	-2.0	312.2	313.0	0.2	8.3	9.3	106.
17.3	56.0	5634.5	500.0	-15.7	-43.0	268.7	17.5	17.5	0.4	313.9	314.5	0.2	7.4	10.4	105.
18.5	59.4	6020.3	475.0	-18.0	-32.5	263.7	18.4	18.3	2.0	315.7	317.4	0.5	26.8	11.6	103.
20.0	63.0	6420.8	450.0	-22.2	-32.3	266.5	19.2	19.2	1.2	315.4	317.3	0.6	39.2	13.2	101.
21.4	66.4	6840.3	425.0	-23.5	-27.1	256.4	21.3	20.7	5.0	318.9	322.2	1.0	72.3	14.8	99.
22.7	70.1	7280.6	400.0	-27.0	-30.9	250.6	20.3	19.1	6.7	319.9	322.4	0.7	69.1	16.4	96.
24.2	74.0	7743.3	375.0	-29.8	-31.8	250.8	23.6	22.3	7.8	322.2	324.6	0.7	82.8	18.1	93.
25.6	78.2	8231.5	350.0	-33.3	-35.7	254.5	26.6	25.6	7.1	323.8	325.6	0.5	78.5	20.2	91.
27.3	82.3	8747.7	325.0	-37.7	99.9	261.4	28.4	28.1	4.2	324.6	999.9	99.9	99.9	22.8	87.
29.1	86.7	9295.5	300.0	-41.5	99.9	264.5	38.3	38.1	3.7	326.9	999.9	99.9	99.9	26.2	59.
30.9	91.5	9890.3	275.0	-46.1	99.9	256.9	43.2	42.0	9.8	328.4	999.9	99.9	99.9	30.5	88.
33.0	95.4	10506.3	250.0	-51.5	99.9	253.6	44.9	43.1	12.7	329.5	999.9	99.9	99.9	36.4	86.
35.5	101.6	11181.8	225.0	-57.2	99.9	250.5	47.2	44.5	15.7	330.9	999.9	99.9	99.9	42.8	83.
38.0	107.5	11915.5	200.0	-62.9	99.9	254.0	41.0	39.4	11.3	333.2	999.9	99.9	99.9	49.5	82.
41.0	113.8	12736.3	175.0	-64.1	99.9	259.3	33.0	32.5	6.1	344.2	999.9	99.9	99.9	55.7	81.
44.3	120.7	13696.1	150.0	-58.5	99.9	268.1	31.7	31.7	1.0	369.3	999.9	99.9	99.9	62.2	82.
48.5	126.3	14845.6	125.0	-54.9	99.9	275.4	28.8	28.7	-2.7	395.6	999.9	99.9	99.9	69.3	83.
53.5	136.3	16277.2	100.0	-52.6	99.9	999.9	99.9	99.9	99.9	426.2	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

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

STATION NO. 532
PEORIA, ILL

24 APRIL 1975
2315 GMT

159 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	200.0	989.5	11.7	8.9	70.0	4.6	-4.3	-1.6	286.7	305.4	7.3	83.0	0.9	0.
99.3	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	6.6	321.6	975.0	10.7	8.9	75.9	5.7	-5.6	-1.4	286.9	306.0	7.4	88.5	0.2	257.
1.1	8.7	535.8	950.0	8.7	8.4	88.5	4.5	-4.5	-0.1	287.0	305.9	7.3	97.9	0.4	259.
1.8	10.7	761.8	925.0	10.2	10.2	94.8	2.9	-2.9	0.2	290.9	313.0	8.5	99.6	0.5	265.
2.4	12.8	989.9	900.0	9.1	9.1	86.7	1.2	-1.2	-0.1	292.0	313.2	8.1	99.4	0.5	265.
3.1	15.0	1224.1	875.0	9.0	6.7	247.3	0.3	0.3	0.1	294.1	313.0	7.1	85.4	0.6	266.
3.9	17.1	1464.9	850.0	10.4	-25.4	314.6	2.3	1.7	-1.6	297.1	298.9	0.6	6.2	0.6	262.
4.7	19.4	1713.2	825.0	10.6	-18.2	297.4	3.2	2.9	-1.5	299.9	303.3	1.1	11.4	0.5	250.
5.3	21.5	1968.3	800.0	8.6	-16.2	303.5	2.8	2.3	-1.5	300.5	304.6	1.3	15.5	0.4	240.
6.1	23.8	2229.4	775.0	6.2	-13.8	297.0	3.9	3.4	-1.8	300.6	305.7	1.7	22.4	0.4	219.
6.8	26.0	2496.9	750.0	4.4	-14.6	288.9	5.2	4.9	-1.7	301.6	306.5	1.6	23.4	0.4	190.
7.7	28.5	2772.0	725.0	2.8	-16.0	283.0	7.5	7.4	-1.7	302.8	307.4	1.5	23.5	0.5	151.
8.4	31.0	3054.9	700.0	1.7	-16.9	276.2	7.8	7.8	-1.1	304.6	309.1	1.5	23.5	0.8	131.
9.4	33.7	3346.8	675.0	-0.7	-18.3	265.5	7.4	7.4	0.6	305.0	309.2	1.3	24.9	1.2	118.
10.3	36.1	3646.6	650.0	-3.2	-18.1	255.9	8.4	8.1	2.0	305.5	309.9	1.4	30.4	1.6	108.
11.1	38.8	3955.4	625.0	-6.0	-17.0	252.3	10.3	9.8	3.1	305.7	310.7	1.6	41.5	1.9	100.
12.0	41.2	4273.6	600.0	-8.2	-15.0	260.3	14.1	13.9	2.4	306.9	312.9	2.0	57.7	2.5	94.
12.9	44.1	4603.2	575.0	-9.3	-27.3	269.7	20.0	20.0	0.1	309.2	311.5	0.7	21.4	3.4	92.
14.0	46.9	4945.8	550.0	-11.8	-26.1	272.7	22.7	22.6	-1.1	310.2	312.8	0.8	29.1	4.9	92.
15.1	50.0	5299.8	525.0	-14.9	-25.2	273.0	21.3	21.3	-1.1	310.6	313.6	0.9	40.9	6.4	92.
16.1	52.9	5667.7	500.0	-16.9	-27.6	269.1	19.5	19.5	0.3	312.5	315.1	0.8	38.8	7.6	92.
17.3	55.9	6051.1	475.0	-19.4	-35.5	263.1	19.3	19.1	2.3	313.9	315.2	0.4	22.5	8.9	91.
19.6	59.0	6451.0	450.0	-21.8	-50.0	265.3	21.5	21.4	1.8	315.8	316.1	0.1	5.7	10.5	90.
19.9	62.5	6868.2	425.0	-25.9	-38.9	268.8	23.1	23.1	0.5	315.8	316.9	0.3	29.6	12.3	89.
21.4	65.9	7305.0	400.0	-28.8	-49.2	268.4	24.6	24.6	0.7	317.5	317.9	0.1	12.3	14.4	90.
22.8	69.4	7763.6	375.0	-32.7	-52.5	269.6	26.5	26.5	0.2	318.3	318.6	0.1	11.9	16.4	89.
24.4	73.0	8246.1	350.0	-36.1	-73.2	274.1	33.3	33.2	-2.4	320.0	320.1	0.0	1.0	19.3	90.
26.1	77.1	8757.6	325.0	-39.2	99.9	272.1	37.8	37.8	-1.4	322.7	999.9	99.9	999.9	23.0	91.
27.8	81.2	9300.6	300.0	-44.3	99.9	266.5	39.9	39.9	2.5	323.0	999.9	99.9	999.9	26.0	90.
29.5	85.4	9878.1	275.0	-49.0	99.9	263.7	45.3	45.1	5.0	324.3	999.9	99.9	999.9	31.2	99.
31.5	90.0	10496.0	250.0	-54.4	99.9	263.0	48.8	47.8	5.9	325.2	999.9	99.9	999.9	36.9	99.
33.9	95.0	11164.1	225.0	-58.7	99.9	264.6	51.4	51.2	4.8	328.6	999.9	99.9	999.9	44.3	87.
36.6	100.2	11901.5	200.0	-60.5	99.9	270.0	40.2	40.2	-0.0	336.9	999.9	99.9	999.9	51.4	88.
39.7	106.0	12729.4	175.0	-58.8	99.9	253.7	41.6	39.9	11.7	352.8	999.9	99.9	999.9	57.8	87.
42.9	112.3	13700.0	150.0	-58.9	99.9	262.3	24.1	23.9	3.2	368.6	999.9	99.9	999.9	63.5	80.
47.1	119.5	14843.4	125.0	-59.5	99.9	263.1	29.6	29.4	3.6	387.3	999.9	99.9	999.9	70.5	86.
52.1	127.7	16246.1	100.0	-59.4	99.9	271.1	23.9	23.9	-0.5	413.0	999.9	99.9	999.9	79.0	86.
58.5	137.0	18049.4	75.0	-62.2	99.9	279.3	15.5	15.3	-2.5	442.6	999.9	99.9	999.9	84.0	85.
67.1	147.0	20590.8	50.0	-59.5	99.9	45.3	0.7	-0.5	-0.5	503.3	999.9	99.9	999.9	86.7	85.
80.5	158.0	25016.7	25.0	-53.0	99.9	93.5	5.4	-5.4	0.3	632.3	999.9	99.9	999.9	87.6	86.

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

STATION NO. 553
OMAHA, NEB

24 APRIL 1975
2316 GMT

153 13. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	400.0	963.7	16.6	13.1	90.0	4.2	-4.2	0.0	294.2	320.2	9.9	80.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	8.2	522.0	950.0	15.5	11.7	87.7	5.3	-5.3	-0.2	294.1	318.2	9.2	78.4	0.2	256.
1.5	10.1	747.8	925.0	13.2	10.7	98.5	6.0	-5.9	0.9	294.0	317.1	8.8	84.9	0.5	208.
2.3	11.8	578.2	900.0	11.2	9.9	57.2	4.5	-3.7	-2.4	294.2	316.9	8.6	91.5	0.8	268.
3.3	13.9	1214.1	875.0	13.1	2.7	355.7	6.9	0.5	-6.9	298.1	312.9	5.4	49.7	1.0	250.
4.2	15.9	1457.8	850.0	12.6	0.9	312.7	5.4	4.0	-3.7	300.0	313.5	4.8	44.7	1.0	230.
5.2	17.9	1707.8	825.0	11.3	-0.9	280.4	5.0	4.9	-0.9	301.1	313.4	4.4	42.9	0.9	212.
6.1	20.1	1954.2	800.0	10.0	-2.6	259.3	6.1	6.0	1.1	302.3	313.6	3.9	41.0	0.8	192.
7.2	22.1	2217.0	775.0	7.8	-6.5	249.4	8.5	8.0	3.0	302.6	311.5	3.0	35.2	0.7	154.
8.2	24.3	2496.5	750.0	5.7	-7.8	234.6	8.5	6.9	4.9	303.2	311.5	2.8	37.1	0.9	117.
9.3	26.5	2772.9	725.0	3.6	-8.1	220.5	9.7	6.3	7.4	303.7	312.2	2.9	42.4	1.2	90.
10.3	28.7	3056.8	700.0	1.4	-7.8	221.7	11.5	7.7	8.6	304.5	313.4	3.0	50.2	1.6	72.
11.3	31.2	3348.2	675.0	-1.4	-9.2	230.0	12.5	9.6	8.0	304.5	312.8	2.8	55.2	2.3	64.
12.4	33.7	3647.7	650.0	-4.2	-10.5	238.4	12.6	10.7	6.6	304.6	312.4	2.6	61.0	3.1	51.
13.5	36.1	3955.5	625.0	-6.7	-11.6	243.7	12.5	11.2	5.5	305.1	312.6	2.5	68.3	4.0	52.
14.6	38.6	4273.7	600.0	-8.5	-10.7	246.5	12.8	11.7	5.1	306.6	315.0	2.8	84.0	4.8	62.
15.8	41.2	4602.5	575.0	-10.7	-14.9	256.8	12.7	12.3	2.9	307.7	314.1	2.1	71.0	5.7	63.
16.9	44.0	4943.0	550.0	-13.3	-17.1	266.5	13.8	13.8	0.2	308.5	314.1	1.8	72.5	6.5	66.
18.3	46.9	5296.7	525.0	-14.3	-36.3	276.4	18.7	18.6	-2.1	311.2	312.4	0.3	13.4	7.5	70.
19.7	49.9	5664.8	500.0	-16.9	-37.2	278.4	22.0	21.8	-3.2	312.4	313.5	0.3	15.1	9.4	75.
21.3	52.5	6047.4	475.0	-20.1	-39.4	276.1	21.5	21.4	-2.3	313.0	314.0	0.3	15.9	11.3	79.
22.7	55.8	6445.0	450.0	-23.9	-43.1	273.0	20.7	20.7	-1.1	313.1	313.8	0.2	15.0	13.1	81.
24.2	59.1	6859.1	425.0	-27.6	-46.2	274.3	19.9	19.8	-1.5	313.5	314.0	0.1	14.9	14.8	83.
25.7	62.6	7291.5	400.0	-31.7	-48.5	269.6	20.7	20.7	0.1	313.7	314.2	0.1	16.9	16.6	84.
27.3	66.0	7743.7	375.0	-35.5	-51.5	264.8	23.7	23.6	2.2	314.5	314.8	0.1	17.4	18.6	84.
29.0	69.8	8221.0	350.0	-38.8	-47.8	251.7	23.7	22.5	7.4	316.3	316.8	0.1	38.3	21.2	84.
30.9	73.7	8725.2	325.0	-43.1	99.9	242.5	23.9	21.2	11.0	317.3	999.9	99.9	999.9	23.7	82.
32.9	78.0	9259.7	300.0	-47.4	99.9	238.2	26.4	22.4	13.9	318.6	999.9	99.9	999.9	26.7	79.
34.8	82.2	9828.4	275.0	-52.6	99.9	240.0	28.2	24.4	14.1	319.0	999.9	99.9	999.9	29.6	77.
37.0	86.8	10440.0	250.0	-53.9	99.9	251.6	39.4	37.4	12.4	325.9	999.9	99.9	999.9	33.9	76.
39.6	91.8	11117.4	225.0	-53.4	99.9	256.9	38.5	37.5	8.7	336.7	999.9	99.9	999.9	40.2	76.
42.4	97.2	11871.6	200.0	-55.2	99.9	260.1	35.7	35.2	6.1	345.3	999.9	99.9	999.9	46.8	76.
45.3	103.0	12719.2	175.0	-58.3	99.9	253.7	33.6	32.3	9.5	353.8	999.9	99.9	999.9	51.7	76.
49.0	110.0	13697.0	150.0	-56.9	99.9	248.4	30.0	27.9	11.0	372.0	999.9	99.9	999.9	59.1	77.
53.1	117.3	14851.9	125.0	-55.7	99.9	261.6	34.4	34.0	5.0	394.2	999.9	99.9	999.9	66.7	77.
58.1	125.7	16273.2	100.0	-56.3	99.9	250.4	21.4	20.1	7.2	419.0	999.9	99.9	999.9	75.0	78.
64.8	135.3	18095.9	75.0	-56.8	99.9	252.7	19.8	18.9	5.9	453.5	999.9	99.9	999.9	83.9	77.
73.3	144.7	20668.1	50.0	-55.5	99.9	269.2	3.0	3.0	0.0	512.9	999.9	99.9	999.9	90.2	77.
87.1	154.3	25155.2	25.0	-50.1	99.9	63.0	3.6	-3.2	-1.6	641.0	999.9	99.9	999.9	87.6	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. 562
NORTH PLATTE, NEB

24 APRIL 1975
2315 GMT

148 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	13.9	847.0	913.3	22.2	-3.2	320.0	7.7	4.9	-5.9	303.6	313.2	3.3	18.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	15.0	973.9	900.0	21.3	-7.2	999.9	99.9	99.9	99.9	303.8	311.1	2.5	14.0	999.9	99.9
1.2	17.2	1216.2	875.0	18.6	-9.1	999.9	99.9	99.9	99.9	303.5	310.0	2.2	14.2	999.9	999.9
1.9	19.7	1463.1	850.0	16.0	-9.9	275.0	7.7	7.7	-0.7	303.2	309.5	2.1	15.9	0.8	98.
2.5	21.9	1715.1	825.0	13.5	-10.9	277.6	7.3	7.3	-1.0	303.1	309.1	2.0	17.2	1.1	97.
3.1	24.4	1972.8	800.0	11.1	-11.0	278.2	6.6	6.8	-1.0	303.2	309.4	2.1	19.9	1.4	96.
3.7	26.7	2236.4	775.0	8.8	-11.5	273.6	6.0	6.0	-0.4	303.5	309.6	2.1	22.5	1.6	97.
4.5	29.3	2506.2	750.0	5.9	-12.5	270.4	6.9	6.9	-0.1	303.3	309.1	1.9	25.1	1.9	97.
5.5	32.0	2782.1	725.0	3.2	-12.1	271.6	7.2	7.2	-0.2	303.2	309.4	2.1	31.4	2.3	95.
6.3	34.7	3065.0	700.0	0.2	-12.5	276.7	7.7	7.7	-0.9	303.0	309.2	2.1	37.9	2.7	95.
7.4	37.2	3355.1	675.0	-2.5	-12.6	279.0	9.1	9.0	-1.4	303.1	309.5	2.1	45.6	3.2	96.
8.4	40.0	3653.8	650.0	-2.8	-25.1	273.9	13.8	13.8	-0.9	305.8	308.3	0.8	16.0	3.9	96.
9.5	42.6	3954.3	625.0	-3.7	-36.3	273.5	14.9	14.9	-0.9	308.2	309.1	0.3	5.8	4.9	95.
10.7	45.4	4285.1	600.0	-6.3	-37.8	280.6	13.7	13.5	-2.5	308.9	309.7	0.2	6.1	5.9	95.
11.9	48.4	4616.2	575.0	-8.6	-36.8	285.9	13.4	12.9	-3.7	309.9	310.8	0.3	8.1	6.9	97.
13.3	51.1	4958.7	550.0	-11.6	-40.0	286.7	14.0	13.4	-4.0	310.3	311.1	0.2	7.4	8.0	98.
14.8	54.3	5313.1	525.0	-14.6	-36.4	283.0	14.9	14.5	-3.4	310.9	312.0	0.3	13.5	9.3	99.
16.2	57.3	5680.5	500.0	-17.5	-37.1	287.1	15.9	15.2	-4.7	311.7	312.7	0.3	16.2	10.5	100.
17.5	60.6	6062.4	475.0	-20.5	-38.9	288.7	17.2	16.3	-5.5	312.6	313.6	0.3	17.2	11.9	101.
18.9	64.0	6459.7	450.0	-24.3	-42.3	287.3	17.7	16.9	-5.3	312.7	313.4	0.2	16.8	13.3	101.
20.5	67.3	6873.5	425.0	-27.6	-45.6	292.2	18.5	17.1	-7.0	313.6	314.2	0.1	16.0	15.1	102.
22.2	70.7	7306.2	400.0	-31.6	-48.4	297.8	18.9	16.7	-8.8	313.9	314.3	0.1	17.0	17.0	104.
24.0	74.5	7758.7	375.0	-35.9	-51.9	297.1	18.6	16.5	-8.4	314.0	314.3	0.1	17.4	19.0	105.
25.8	78.1	8234.1	350.0	-39.9	99.9	291.1	19.2	17.9	-6.9	314.9	999.9	99.9	999.9	20.9	106.
27.6	82.3	8735.8	325.0	-44.4	99.9	289.3	17.1	16.1	-5.7	315.5	999.9	99.9	999.9	22.9	107.
29.6	86.2	9267.8	300.0	-48.0	99.9	294.6	16.7	15.2	-7.0	317.7	999.9	99.9	999.9	24.9	107.
31.8	90.7	9835.5	275.0	-52.2	99.9	288.0	12.7	12.0	-3.9	319.6	999.9	99.9	999.9	26.8	108.
34.1	95.1	10447.7	250.0	-55.2	99.9	282.4	20.4	19.9	-4.4	324.1	999.9	99.9	999.9	29.1	107.
36.5	100.0	11118.4	225.0	-54.6	99.9	278.9	19.7	19.5	-3.0	334.9	999.9	99.9	999.9	31.7	107.
39.4	105.2	11870.7	200.0	-55.0	99.9	264.5	19.9	19.8	1.9	345.6	999.9	99.9	999.9	35.1	106.
42.4	110.8	12720.6	175.0	-54.9	99.9	272.7	19.8	19.8	-0.9	359.2	999.9	99.9	999.9	38.8	104.
45.9	116.9	13704.0	150.0	-55.0	99.9	276.5	21.2	21.0	-2.4	375.3	999.9	99.9	999.9	43.3	102.
49.8	123.9	14857.1	125.0	-59.3	99.9	259.1	20.0	19.7	3.8	387.7	999.9	99.9	999.9	47.4	100.
55.0	131.0	16263.3	100.0	-56.5	99.9	270.8	21.5	21.5	-0.3	418.6	999.9	99.9	999.9	53.2	98.
61.6	139.3	18081.1	75.0	-57.5	99.9	245.6	15.4	14.0	6.4	452.4	999.9	99.9	999.9	59.4	96.
70.6	147.0	20669.8	50.0	-56.2	99.9	312.4	6.6	4.9	-4.4	511.1	999.9	99.9	999.9	66.7	95.
83.9	155.3	25164.6	25.0	-50.0	99.9	323.5	3.2	1.9	-2.5	641.4	999.9	99.9	999.9	68.8	96.

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

STATION NO. 606
PORTLAND, ME

24 APRIL 1975
2315 GMT

159 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	20.0	1008.2	6.7	6.3	340.0	3.1	1.1	-2.9	280.0	295.0	5.9	97.0	0.0	C.
0.2	6.3	87.3	1000.0	6.6	6.1	13.1	2.2	-0.5	-2.1	280.5	295.6	5.9	97.1	0.1	138.
0.9	8.5	294.8	975.0	5.0	5.0	324.8	2.1	1.2	-1.7	280.9	295.4	5.6	101.3	0.2	151.
1.7	10.6	507.7	950.0	6.4	6.4	254.7	6.5	6.3	1.7	284.6	301.0	6.4	101.5	0.3	130.
2.5	12.9	728.2	925.0	9.0	9.0	240.8	12.9	11.2	6.3	289.6	310.0	7.9	101.9	0.7	87.
3.3	15.2	956.0	900.0	9.5	9.5	246.6	11.7	10.7	4.6	292.4	314.3	8.3	101.6	1.3	76.
3.9	17.4	1189.6	875.0	8.2	4.4	254.2	12.1	11.7	3.3	293.1	309.2	6.0	76.6	1.7	74.
4.8	19.9	1429.7	850.0	8.5	3.7	258.1	12.0	11.7	2.5	295.9	311.9	5.9	71.5	2.3	75.
5.5	22.1	1676.2	825.0	6.8	2.3	261.6	11.8	11.7	1.7	296.5	311.6	5.5	72.9	2.9	76.
6.4	24.6	1928.9	800.0	5.5	2.0	265.0	10.5	10.4	0.9	297.8	313.0	5.5	77.8	3.4	77.
7.2	26.9	2188.4	775.0	4.5	0.4	272.7	9.1	9.1	-0.4	299.3	313.5	5.1	74.4	3.9	78.
8.0	29.5	2455.1	750.0	2.5	0.9	283.0	9.0	8.8	-2.0	300.0	315.2	5.5	89.2	4.3	80.
8.9	32.1	2728.6	725.0	0.3	-0.2	286.8	9.4	9.0	-2.7	300.5	315.1	5.2	96.3	4.8	81.
10.0	34.9	3009.5	700.0	-1.7	-2.3	285.2	9.5	9.2	-2.5	301.2	314.3	4.6	96.0	5.3	80.
11.0	37.3	3299.0	675.0	-3.1	-3.2	281.7	10.0	9.8	-2.0	302.8	315.5	4.5	98.6	5.9	87.
12.0	40.2	3596.6	650.0	-5.4	-14.1	278.5	11.2	11.0	-1.6	303.1	309.3	2.1	53.1	6.5	89.
13.1	42.9	3903.9	625.0	-6.2	-19.6	284.9	12.2	11.8	-3.1	305.5	309.5	1.3	33.7	7.2	90.
14.1	45.9	4222.1	600.0	-8.5	-13.0	283.1	13.9	13.6	-3.2	306.5	313.6	2.3	70.0	8.0	92.
15.1	48.3	4551.0	575.0	-10.8	-13.7	275.6	13.6	13.5	-1.3	307.6	314.6	2.3	79.0	8.9	92.
16.2	51.6	4891.9	550.0	-12.4	-14.4	262.4	13.1	13.0	1.7	309.6	316.6	2.3	84.6	9.7	92.
17.6	54.8	5246.5	525.0	-14.2	-16.6	264.5	17.0	16.9	1.6	311.6	317.8	2.0	81.9	10.9	91.
18.9	57.9	5614.8	500.0	-17.0	-20.0	272.0	22.8	22.8	-0.8	312.4	317.4	1.6	77.2	12.4	90.
20.2	61.3	5997.9	475.0	-20.0	-22.1	277.8	19.0	18.8	-2.6	313.3	317.7	1.4	83.2	14.2	91.
21.8	64.7	6396.6	450.0	-23.2	-30.2	272.7	21.0	21.0	-1.0	314.1	316.4	0.7	52.5	15.9	92.
23.2	68.0	6813.1	425.0	-25.3	-66.1	277.9	25.1	24.8	-3.4	316.5	316.6	0.0	1.0	17.9	92.
24.9	71.4	7251.4	400.0	-27.6	-67.6	277.6	32.3	32.0	-4.2	319.0	319.0	0.0	1.0	20.8	93.
26.4	75.3	7711.9	375.0	-31.2	-69.9	272.8	35.3	35.2	-1.7	320.2	320.3	0.0	1.0	24.0	93.
28.2	79.3	8198.0	350.0	-34.1	-71.9	271.3	38.0	38.0	-0.9	322.7	322.7	0.0	1.0	27.9	92.
30.2	83.2	8712.9	325.0	-37.7	-74.3	281.1	39.2	38.5	-7.5	324.6	324.6	0.0	1.0	32.3	93.
32.2	87.3	9258.8	300.0	-43.0	99.9	283.8	39.2	38.0	-9.4	324.8	999.9	99.9	999.9	37.0	94.
34.3	92.0	9838.6	275.0	-48.0	99.9	285.9	44.3	42.6	-12.1	325.6	999.9	99.9	999.9	42.2	96.
36.4	96.6	10461.3	250.0	-52.7	99.9	284.5	51.2	49.5	-12.9	327.7	999.9	99.9	999.9	48.0	97.
38.8	101.5	11133.9	225.0	-57.6	99.9	282.4	48.5	47.3	-10.4	330.2	999.9	99.9	999.9	54.6	98.
41.2	107.3	11866.4	200.0	-63.8	99.9	281.8	32.8	32.1	-6.7	331.8	999.9	99.9	999.9	62.7	99.
43.7	113.0	12675.8	175.0	-65.2	99.9	281.9	48.6*	47.6	-10.0	342.4	999.9	99.9	999.9	69.7	99.
47.0	119.7	13632.7	150.0	-59.5	99.9	291.5	28.5*	26.6	-10.5	367.6	999.9	99.9	999.9	77.5	99.
51.1	127.0	14779.9	125.0	-59.0	99.9	290.2	26.0*	24.4	-9.0	388.2	999.9	99.9	999.9	83.8	101.
55.7	135.3	16157.0	100.0	-55.0	99.9	294.3	11.4*	10.4	-4.7	421.4	999.9	99.9	999.9	90.3	101.
61.1	143.3	18021.4	75.0	-59.3	99.9	301.9	11.4	9.7	-6.0	448.7	999.9	99.9	999.9	94.8	101.
69.3	152.7	20584.1	50.0	-54.9	99.9	311.6	2.0	1.5	-1.3	514.3	999.9	99.9	999.9	98.3	102.
83.0	161.7	25023.9	25.0	-52.7	99.9	76.6	2.5	-2.4	-0.6	633.5	999.9	99.9	999.9	98.8	103.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 637
FLINT, MICH

24 APRIL 1975
2315 GMT

165 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEFD M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	5.8	236.0	985.8	8.9	4.5	30.0	4.7	-2.3	-4.1	283.9	297.9	5.4	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	999.9
0.3	6.8	326.9	975.0	7.0	1.6	3.0	3.8	-0.2	-3.8	282.8	294.3	4.4	68.2	0.2	194.
1.2	5.0	535.8	950.0	4.8	3.0	1.0	4.5	-0.1	-4.5	282.7	295.8	5.0	88.2	0.4	187.
2.0	11.0	756.7	925.0	3.0	2.4	355.4	5.9	0.5	-5.9	283.0	295.8	4.9	95.8	0.6	185.
2.9	13.3	978.2	900.0	1.1	0.5	345.1	5.4	1.4	-5.2	283.2	294.7	4.4	95.9	0.9	180.
3.8	15.5	1206.8	875.0	5.8	-3.3	325.4	3.9	2.2	-3.2	290.3	300.1	3.6	55.0	1.1	175.
4.6	17.7	1444.3	850.0	6.4	-7.4	323.3	4.6	2.8	-3.7	293.2	300.5	2.6	36.6	1.3	171.
5.4	20.2	1688.9	825.0	5.9	-6.4	304.2	5.0	4.1	-2.8	295.3	303.4	2.9	40.7	1.5	166.
6.2	22.4	1940.6	800.0	5.3	-6.2	296.0	4.5	4.0	-2.0	297.1	305.7	3.0	43.4	1.7	159.
7.1	24.8	2199.1	775.0	3.6	-6.6	285.1	5.3	5.1	-1.4	298.0	306.7	3.0	47.3	1.9	154.
8.1	27.3	2464.9	750.0	2.7	-17.9	284.6	7.6	7.3	-1.9	299.6	303.4	1.2	20.2	2.1	145.
9.0	29.8	2738.6	725.0	1.7	-19.8	291.2	8.0	7.4	-2.9	301.4	304.8	1.1	18.5	2.5	139.
10.0	32.5	3020.4	700.0	0.0	-20.7	294.7	9.1	8.2	-3.8	302.6	305.9	1.1	19.3	2.9	135.
10.9	35.2	3310.6	675.0	-1.9	-21.6	292.3	10.4	9.6	-3.9	303.6	306.8	1.0	20.4	3.4	132.
12.0	37.7	3609.5	650.0	-3.7	-23.3	289.8	11.3	10.6	-3.8	304.8	307.7	0.9	20.1	4.1	124.
13.0	40.4	3918.1	625.0	-5.4	-27.8	293.5	12.3	11.2	-4.9	306.3	308.3	0.6	15.1	4.8	126.
14.1	43.2	4237.0	600.0	-7.6	-29.2	296.0	13.9	12.5	-6.1	307.4	309.3	0.6	15.6	5.7	124.
15.1	46.3	4566.5	575.0	-10.5	-31.5	291.0	14.7	13.7	-5.3	307.7	309.3	0.5	15.9	6.5	123.
16.2	49.3	4905.9	550.0	-13.2	-33.6	286.1	15.5	14.9	-4.3	308.4	309.8	0.4	16.1	7.5	121.
17.3	52.1	5255.4	525.0	-15.7	-35.5	280.0	15.0	14.8	-2.6	309.6	310.8	0.3	16.3	8.5	110.
18.7	55.4	5625.7	500.0	-18.6	-37.8	276.6	15.5	15.4	-1.8	310.4	311.4	0.3	16.4	9.6	116.
19.9	58.5	6006.2	475.0	-21.3	-31.6	277.4	16.0	15.8	-2.1	311.6	313.6	0.6	40.6	10.7	114.
21.3	62.0	6404.0	450.0	-23.0	-30.0	278.1	15.5	15.3	-2.2	314.3	316.6	0.7	52.5	12.0	112.
22.5	65.4	6820.3	425.0	-26.5	-33.2	272.8	16.2	16.2	-0.8	315.0	316.8	0.5	53.0	13.1	111.
24.0	69.0	7255.3	400.0	-29.1	-31.3	273.0	19.3	19.3	-1.0	317.1	319.5	0.7	61.1	14.5	109.
25.5	72.6	7714.1	375.0	-32.2	-36.8	274.0	19.2	19.1	-1.3	319.0	320.5	0.4	63.2	16.3	107.
27.2	76.7	8197.6	350.0	-35.5	-51.1	267.1	21.1	21.1	1.0	320.9	321.2	0.1	18.8	18.3	106.
29.0	80.7	8709.1	325.0	-39.7	99.9	270.0	20.7	20.7	-0.0	321.9	999.9	99.9	999.9	20.3	104.
30.8	85.0	9250.6	300.0	-44.4	99.9	272.7	24.0	24.0	-1.1	322.8	999.9	99.9	999.9	22.8	102.
32.9	89.5	9826.6	275.0	-49.8	99.9	271.5	25.4	25.4	-0.6	323.2	999.9	99.9	999.9	25.8	101.
35.0	94.6	10442.7	250.0	-55.4	99.9	272.4	31.1	31.1	-1.3	323.8	999.9	99.9	999.9	29.2	100.
37.2	99.6	11108.5	225.0	-58.8	99.9	260.8	32.4	32.0	5.2	328.4	999.9	99.9	999.9	33.5	99.
39.7	105.2	11847.8	200.0	-58.6	99.9	261.0	33.2	32.8	5.2	340.0	999.9	99.9	999.9	38.1	96.
42.3	111.3	12689.5	175.0	-58.0	99.9	260.5	32.8	32.3	5.4	354.2	999.9	99.9	999.9	43.0	94.
45.3	118.0	13662.4	150.0	-58.5	99.9	264.0	25.2	25.1	2.6	369.3	999.9	99.9	999.9	48.6	93.
49.0	125.8	14812.8	125.0	-56.5	99.9	262.4	23.5	23.3	2.1	392.7	999.9	99.9	999.9	54.3	92.
53.3	134.5	16231.4	100.0	-55.9	99.9	271.4	20.0	20.0	-0.5	419.7	999.9	99.9	999.9	60.2	92.
58.7	143.5	18068.8	75.0	-58.8	99.9	249.5	4.9	4.6	1.7	449.7	999.9	99.9	999.9	64.7	91.
66.0	154.0	20609.0	50.0	-56.7	99.9	246.3	4.4	4.0	1.8	510.0	999.9	99.9	999.9	66.5	91.
77.5	166.0	25046.1	25.0	-53.1	99.9	90.7	3.9	-3.9	0.0	632.1	999.9	99.9	999.9	66.9	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. 645
GREEN BAY, WIS

24 APRIL 1975
2315 GMT

159 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	210.0	989.8	8.9	1.8	50.0	4.2	-3.2	-2.7	283.5	295.0	4.4	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	999.9
0.5	8.2	334.6	975.0	7.8	1.7	79.7	3.5	-3.5	-0.6	283.6	295.2	4.4	65.3	0.2	235.
1.4	10.5	548.1	950.0	5.8	1.3	37.8	4.7	-2.9	-3.7	283.6	295.3	4.4	73.1	0.4	232.
2.3	12.8	765.9	925.0	4.2	0.9	41.6	6.8	-4.5	-5.1	284.1	295.7	4.4	79.0	0.7	227.
3.1	15.2	988.4	900.0	2.6	-0.7	44.8	8.7	-6.1	-6.1	284.7	295.4	4.0	78.4	1.0	225.
3.9	17.5	1216.3	875.0	2.6	-3.5	53.9	8.8	-7.1	-5.2	287.0	296.2	3.4	65.0	1.5	220.
4.8	20.0	1451.6	850.0	4.1	-6.3	65.5	5.2	-4.7	-2.2	290.8	298.6	2.8	46.8	1.8	220.
5.7	22.3	1694.1	825.0	3.1	-6.9	45.4	2.6	-1.9	-1.8	292.2	300.0	2.8	47.8	2.0	230.
6.7	25.0	1942.7	800.0	1.4	-6.6	45.1	2.7	-1.9	-1.9	293.0	301.2	2.9	55.1	2.2	230.
7.7	27.4	2198.3	775.0	1.3	-23.2	331.1	3.9	1.9	-3.4	295.3	298.5	1.1	20.6	2.3	227.
8.5	30.1	2462.2	750.0	1.5	-35.7	321.7	5.8	3.6	-4.6	298.2	299.0	0.2	4.2	2.3	220.
9.5	32.7	2734.0	725.0	-0.3	-36.6	314.6	7.2	5.1	-5.0	299.2	299.9	0.2	4.4	2.4	212.
10.7	35.5	3014.2	700.0	-1.3	-37.1	306.6	8.2	6.6	-4.9	301.1	301.9	0.2	4.5	2.6	199.
11.7	38.3	3332.8	675.0	-3.0	-38.0	303.1	9.3	7.8	-5.1	302.3	303.0	0.2	4.7	2.8	189.
12.8	40.9	3600.4	650.0	-5.3	-20.5	296.3	10.3	9.2	-4.6	303.0	306.6	1.1	29.2	3.0	177.
13.8	43.8	3907.1	625.0	-7.2	-32.7	293.2	12.1	11.2	-4.8	304.3	305.6	0.4	11.2	3.4	167.
14.9	46.9	4224.5	600.0	-8.9	-29.0	288.5	13.8	13.1	-4.4	305.9	307.7	0.6	17.7	4.0	157.
16.1	49.3	4552.1	575.0	-11.8	-33.3	288.4	15.5	14.7	-4.9	306.2	307.6	0.4	14.7	4.7	147.
17.3	52.3	4891.5	550.0	-13.7	-37.1	281.8	16.1	15.8	-3.3	307.8	308.7	0.3	11.7	5.6	139.
18.4	55.8	5243.3	525.0	-16.3	-39.0	278.9	16.0	15.8	-2.5	308.6	309.7	0.2	12.0	6.5	133.
19.7	59.1	5607.9	500.0	-19.3	-41.3	275.3	18.9	18.8	-1.7	309.5	310.2	0.2	12.1	7.6	127.
21.0	62.5	5987.7	475.0	-21.6	-43.1	275.2	21.4	21.3	-1.9	311.3	311.9	0.2	12.2	9.1	122.
22.5	65.3	6383.5	450.0	-24.6	-47.8	272.1	22.0	22.0	-0.8	312.2	312.6	0.1	9.5	10.8	117.
23.9	69.5	6797.3	425.0	-27.8	-50.2	265.2	20.6	20.5	1.7	313.3	313.6	0.1	9.6	12.4	113.
25.0	73.0	7229.5	400.0	-31.6	-52.9	261.7	18.2	18.0	2.6	313.9	314.1	0.1	10.0	14.0	109.
27.0	76.9	7683.4	375.0	-34.9	-55.0	271.3	15.7	15.7	-0.4	315.3	315.6	0.1	10.8	15.4	107.
28.5	80.8	8160.6	350.0	-39.3	-52.5	271.9	17.8	17.7	-0.6	315.7	316.0	0.1	23.0	16.8	106.
30.3	85.0	8664.1	325.0	-43.0	99.9	265.2	20.5	20.4	1.7	317.4	999.9	99.9	999.9	18.8	104.
32.1	89.2	9155.3	300.0	-47.2	99.9	263.6	24.2	24.1	2.7	318.9	999.9	99.9	999.9	21.1	102.
34.0	93.8	9769.5	275.0	-51.8	99.9	260.7	27.7	27.3	4.4	320.3	999.9	99.9	999.9	24.0	99.
36.2	98.6	10380.8	250.0	-56.7	99.9	255.2	30.1	29.1	7.7	321.8	999.9	99.9	999.9	27.5	97.
39.7	103.9	11043.8	225.0	-59.4	99.9	254.6	34.0	32.8	9.0	327.5	999.9	99.9	999.9	31.9	93.
41.2	105.3	11783.6	200.0	-59.0	99.9	259.5	28.3	27.8	5.1	339.4	999.9	99.9	999.9	36.8	91.
44.2	115.2	12627.0	175.0	-56.5	99.9	263.1	26.4	26.3	3.2	356.6	999.9	99.9	999.9	42.1	90.
47.7	121.7	13604.5	150.0	-56.6	99.9	268.0	25.0	25.0	0.9	372.6	999.9	99.9	999.9	47.7	89.
51.9	128.8	14764.4	125.0	-56.3	99.9	262.3	22.5	22.3	3.0	393.0	999.9	99.9	999.9	53.7	89.
57.2	136.3	16191.4	100.0	-54.6	99.9	261.0	24.8	24.5	3.9	422.3	999.9	99.9	999.9	61.1	87.
63.8	143.8	18047.7	75.0	-56.0	99.9	254.0	5.8	5.6	1.6	455.7	999.9	99.9	999.9	67.0	87.
72.7	151.7	20614.8	50.0	-55.8	99.9	249.9	4.6	4.3	1.6	512.1	999.9	99.9	999.9	68.4	87.
86.4	159.7	25081.8	25.0	-51.4	99.9	50.4	4.4	-3.4	-2.8	637.3	999.9	99.9	999.9	69.1	88.

* BY SPEED MEANS ELEVATION 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. 654
MURON, S D

24 APRIL 1975
2315 GMT

116 121. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	392.0	962.1	12.8	10.0	120.0	9.3	-8.1	4.6	290.2	311.2	8.1	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	10.4	458.7	950.0	12.6	10.6	136.2	12.3	-8.5	8.9	291.1	313.2	8.5	87.6	0.4	309.
1.1	12.5	722.3	925.0	10.9	9.5	147.9	11.5	-6.1	9.8	291.6	312.8	8.1	90.9	0.8	315.
1.8	14.9	950.8	900.0	9.6	7.8	174.2	9.7	-1.0	9.7	292.4	312.0	7.4	88.5	1.2	323.
2.4	17.0	1194.7	875.0	8.7	6.5	196.0	8.6	2.4	8.3	293.7	312.3	7.0	86.1	1.4	334.
3.4	19.4	1424.0	850.0	6.2	5.9	211.7	8.5	4.4	7.2	293.6	312.0	6.9	98.1	1.8	345.
4.2	21.5	1668.7	825.0	4.7	4.7	240.1	9.8	8.5	4.9	294.4	311.9	6.5	99.9	2.0	355.
5.7	24.0	1919.0	800.0	2.6	2.6	247.1	14.0	12.9	5.5	294.7	310.4	5.8	100.4	2.6	18.
6.7	26.3	2175.5	775.0	1.1	0.1	247.6	16.2	15.0	6.2	295.7	309.4	5.0	92.8	3.3	31.
7.7	28.9	2438.8	750.0	-0.7	-2.2	242.8	16.4	14.6	7.5	296.3	308.4	4.3	89.8	4.1	38.
8.5	31.4	2709.2	725.0	-2.3	-4.2	238.6	16.3	14.0	8.5	297.4	308.3	3.9	86.9	4.9	42.
9.3	34.1	2987.0	700.0	-4.6	-4.9	235.4	16.3	13.4	9.2	297.9	308.5	3.8	97.5	5.7	44.
10.2	36.6	3272.8	675.0	-6.5	-6.7	234.1	16.4	13.3	9.6	298.8	308.6	3.4	98.1	6.5	45.
11.2	35.3	3566.9	650.0	-8.9	-8.9	235.3	16.4	13.5	9.3	299.3	307.8	2.9	97.5	7.5	46.
12.2	41.9	3869.6	625.0	-11.1	-11.8	236.8	17.0	14.2	9.3	300.1	307.3	2.5	94.1	8.4	48.
13.4	44.8	4181.8	600.0	-13.5	-20.2	241.8	17.2	15.2	8.1	300.6	304.5	1.3	57.0	9.7	49.
14.7	47.7	4504.6	575.0	-15.1	-45.8	250.0	17.5	16.5	6.0	302.2	302.6	0.1	5.5	10.9	51.
15.8	50.6	4839.0	550.0	-17.6	-45.6	251.3	17.5	16.6	5.6	303.1	303.6	0.1	6.6	12.1	53.
17.0	53.6	5185.1	525.0	-20.5	-47.4	246.3	16.8	15.4	6.8	303.7	304.1	0.1	6.9	13.3	54.
18.1	56.5	5544.1	500.0	-23.4	-47.1	244.9	15.3	13.8	6.5	304.5	304.9	0.1	11.6	14.4	55.
19.3	59.7	5917.8	475.0	-25.7	-35.6	244.8	9.6	8.7	4.1	306.1	307.5	0.4	43.4	15.2	56.
20.5	63.1	6308.4	450.0	-27.5	-30.7	252.4	7.4	7.1	2.2	308.7	310.8	0.6	73.5	15.8	56.
21.6	66.4	6718.4	425.0	-29.7	-33.4	270.6	10.1	10.1	-0.1	311.0	312.8	0.5	69.8	16.3	57.
22.8	69.9	7147.6	400.0	-33.4	-37.6	283.5	12.0	11.7	-2.8	311.6	312.8	0.4	65.1	16.9	59.
24.3	73.5	7597.9	375.0	-36.7	-41.6	294.9	11.2	10.2	-4.7	313.0	313.9	0.3	59.9	17.6	62.
25.9	77.2	8072.0	350.0	-40.7	99.9	285.2	9.1	8.7	-2.5	313.8	999.9	99.9	999.9	18.2	64.
27.3	81.1	8573.0	325.0	-43.6	99.9	253.0	15.4	14.7	4.5	316.7	999.9	99.9	999.9	19.0	65.
29.0	85.3	9108.4	300.0	-46.3	99.9	257.8	18.2	17.8	3.8	320.1	999.9	99.9	999.9	20.7	66.
31.2	89.4	9682.3	275.0	-49.0	99.9	254.9	17.9	17.2	4.7	324.3	999.9	99.9	999.9	23.4	67.
33.7	94.0	10307.6	250.0	-50.6	99.9	273.1	14.8	14.8	-0.8	330.9	999.9	99.9	999.9	25.5	69.
35.8	98.8	10991.4	225.0	-52.7	99.9	270.7	16.9	16.9	-0.2	337.7	999.9	99.9	999.9	27.2	70.
38.5	103.8	11748.9	200.0	-53.8	99.9	260.9	23.0	22.7	3.6	347.6	999.9	99.9	999.9	30.3	72.
41.2	109.8	12606.8	175.0	-54.1	99.9	267.9	17.9	17.9	0.6	360.6	999.9	99.9	999.9	33.4	73.
44.9	115.8	13596.5	150.0	-54.4	99.9	281.9	16.6	16.3	-3.4	376.4	999.9	99.9	999.9	37.7	76.
49.0	122.8	14756.8	125.0	-57.2	99.9	999.9	99.9	99.9	99.9	391.5	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. 655
ST CLOUD, MINN

24 APRIL 1975
2315 GMT

159 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	316.0	978.3	10.4	4.1	90.0	2.6	-2.6	0.0	286.0	299.8	5.3	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	6.8	344.2	975.0	10.4	4.2	117.7	2.9	-2.5	1.3	286.3	300.3	5.3	65.5	0.0	319.
0.3	9.1	559.8	950.0	8.3	3.5	128.8	3.0	-2.4	1.9	286.3	300.0	5.2	71.6	0.1	301.
1.5	11.1	779.4	925.0	6.0	3.6	115.6	3.1	-2.8	1.3	286.2	300.3	5.4	84.2	0.3	303.
2.2	13.4	1003.4	900.0	3.7	2.9	97.8	4.4	-4.4	0.6	286.0	299.8	5.3	94.2	0.4	296.
3.1	15.5	1231.8	875.0	1.9	1.6	104.2	6.2	-6.0	1.5	286.4	299.4	4.9	97.7	0.7	289.
4.0	17.8	1465.4	850.0	1.1	0.6	123.6	5.9	-4.9	3.2	287.8	300.4	4.7	96.6	1.0	290.
5.0	20.2	1705.7	825.0	0.8	-3.0	158.1	4.2	-1.6	3.9	289.9	300.0	3.7	75.7	1.3	296.
6.0	22.4	1953.3	800.0	1.6	-14.5	245.5	1.8	1.7	0.8	293.0	297.8	1.7	31.6	1.4	302.
6.9	24.8	2209.3	775.0	1.5	-24.3	274.0	3.3	3.3	-0.2	295.5	297.6	0.7	12.6	1.2	305.
7.7	27.1	2472.3	750.0	-0.3	-22.8	234.9	3.7	3.1	2.2	296.4	298.9	0.8	16.2	1.1	312.
8.4	29.7	2742.5	725.0	-2.2	-19.9	209.0	5.3	2.6	4.6	297.1	300.5	1.1	24.7	1.1	321.
9.3	32.3	3020.0	700.0	-4.0	-4.1	202.4	7.9	3.0	7.3	298.5	309.9	4.0	99.7	1.4	334.
10.5	35.0	3307.0	675.0	-4.9	-5.0	210.6	10.5	5.3	9.0	300.7	311.8	3.9	99.4	1.8	349.
11.5	37.4	3603.7	650.0	-6.3	-6.6	224.5	12.7	8.9	9.1	302.2	312.6	3.6	98.2	2.4	2.
12.5	40.2	3909.5	625.0	-8.5	-8.7	236.4	14.0	11.7	7.8	303.1	312.3	3.2	98.6	3.0	14.
13.5	42.9	4225.0	600.0	-10.9	-11.1	248.3	14.3	13.3	5.3	303.8	311.8	2.7	98.5	3.6	24.
14.5	45.8	4551.1	575.0	-13.1	-13.9	255.9	12.0	12.5	3.2	304.9	311.7	2.3	93.9	4.2	33.
15.8	48.9	4888.5	550.0	-15.2	-19.8	255.6	11.6	11.2	2.9	306.2	310.6	1.4	67.8	4.9	40.
16.8	51.6	5238.5	525.0	-17.9	-21.3	252.2	12.4	11.9	3.8	307.0	311.1	1.3	74.4	5.6	45.
18.1	54.9	5601.0	500.0	-20.9	-24.8	253.2	12.6	12.1	3.6	307.6	310.9	1.0	70.9	6.5	49.
19.5	58.0	5978.4	475.0	-23.5	-26.1	252.0	12.0	11.4	3.7	308.9	312.0	0.9	79.0	7.4	52.
20.9	61.3	6371.2	450.0	-27.0	-30.2	250.2	13.0	12.2	4.4	309.4	311.6	0.7	73.6	8.4	54.
22.3	64.9	6780.9	425.0	-30.0	-36.4	245.5	15.1	13.7	6.3	310.5	311.9	0.4	53.5	9.5	56.
23.6	68.0	7209.7	400.0	-33.2	-39.8	245.1	17.0	15.4	7.1	311.9	312.9	0.3	50.9	10.7	57.
25.1	71.4	7659.8	375.0	-37.4	-60.2	246.1	16.5	15.0	6.7	312.1	312.2	0.0	7.2	12.3	58.
26.8	75.3	8131.6	350.0	-41.7	99.9	245.1	17.0	15.4	7.2	312.5	999.9	99.9	999.9	14.0	59.
28.5	79.5	8629.0	325.0	-46.3	99.9	242.7	18.4	16.4	8.4	312.9	999.9	99.9	999.9	15.7	60.
30.3	83.6	9155.5	300.0	-51.1	99.9	242.5	21.3	18.8	9.8	313.3	999.9	99.9	999.9	17.8	60.
32.0	87.8	9716.8	275.0	-54.4	99.9	238.7	22.7	19.4	11.8	316.5	999.9	99.9	999.9	20.2	60.
34.0	92.7	10321.9	250.0	-57.4	99.9	242.1	22.0	19.4	10.3	320.7	999.9	99.9	999.9	22.8	60.
36.2	97.8	10990.4	225.0	-56.3	99.9	249.8	19.1	17.9	6.6	332.3	999.9	99.9	999.9	25.4	61.
38.8	103.0	11736.7	200.0	-56.2	99.9	250.9	24.5	23.1	8.0	343.9	999.9	99.9	999.9	28.7	62.
41.5	109.0	12581.5	175.0	-56.2	99.9	263.9	26.1	26.0	2.8	357.2	999.9	99.9	999.9	33.0	63.
44.8	115.3	13567.3	150.0	-55.7	99.9	256.6	19.3	18.8	4.5	374.2	999.9	99.9	999.9	36.8	66.
48.8	122.7	14728.6	125.0	-57.0	99.9	260.6	17.4	17.1	2.8	391.7	999.9	99.9	999.9	41.1	67.
53.5	130.7	16151.0	100.0	-55.3	99.9	245.6	15.7	14.3	6.5	421.0	999.9	99.9	999.9	45.7	69.
59.8	139.3	18001.0	75.0	-51.1	99.9	243.7	8.9	8.0	3.9	465.8	999.9	99.9	999.9	51.1	69.
68.3	148.7	20596.2	50.0	-53.1	99.9	248.7	1.8	1.6	0.6	518.3	999.9	99.9	999.9	52.8	69.
81.1	158.5	25067.7	25.0	-51.6	99.9	352.2	4.3	0.6	-4.3	636.5	999.9	99.9	999.9	52.9	72.

* BY SPEED MEANS ELEVATION 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. 662
RAPID CITY, S D

24 APRIL 1975
2115 GMT

147 24. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.1	966.0	901.1	15.6	2.4	10.0	9.3	-1.6	-9.2	298.2	312.2	5.1	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.
0.0	15.2	976.4	900.0	15.4	2.4	999.9	99.9	99.9	99.9	298.1	312.1	5.1	41.4	999.9	999.
1.0	17.4	1213.8	875.0	12.2	2.0	999.9	99.9	99.9	99.9	297.1	311.1	5.1	49.5	999.9	999.
2.0	19.8	1455.6	850.0	9.6	1.0	0.0	12.0	-0.0	-12.0	296.8	310.2	4.9	55.2	1.4	187.
2.9	22.1	1702.7	825.0	7.5	1.1	346.1	9.8	2.4	-9.5	297.1	311.0	5.0	64.0	2.0	183.
4.0	24.6	1955.3	800.0	5.5	-2.7	326.2	8.0	4.4	-6.6	297.5	308.6	3.9	55.5	2.5	178.
5.0	27.0	2214.3	775.0	3.9	-4.9	284.1	8.8	8.5	-2.1	298.5	308.2	3.4	52.5	2.8	170.
6.0	29.6	2480.5	750.0	2.7	-8.1	263.9	11.7	11.7	1.3	299.9	307.9	2.8	44.9	3.1	158.
7.2	32.2	2753.9	725.0	0.7	-10.5	251.8	13.7	13.0	4.3	300.5	307.4	2.4	42.8	3.3	143.
8.4	34.9	3034.7	700.0	-1.1	-16.2	257.5	15.2	14.8	3.3	301.4	306.1	1.5	30.7	3.8	126.
9.5	37.4	3324.8	675.0	-0.6	-28.1	271.1	14.4	14.4	-0.3	305.0	306.8	0.6	10.3	4.6	119.
10.4	40.2	3625.0	650.0	-2.8	-29.6	279.2	12.3	12.1	-2.0	305.9	307.5	0.5	10.5	5.3	115.
11.4	42.9	3934.1	625.0	-5.3	-31.3	289.9	10.1	9.5	-3.4	306.4	307.9	0.4	10.8	5.9	114.
12.5	45.8	4253.5	600.0	-6.8	-31.6	300.8	10.9	9.4	-5.6	308.3	309.8	0.4	11.7	6.6	115.
13.7	48.9	4584.0	575.0	-9.5	-31.0	297.6	12.6	11.2	-5.8	308.9	310.5	0.5	15.3	7.4	115.
15.0	51.6	4925.8	550.0	-12.4	-33.4	292.6	11.9	11.0	-4.6	309.4	310.8	0.4	15.3	8.4	115.
16.5	54.9	5278.9	525.0	-15.7	-35.6	292.5	13.4	12.4	-5.1	309.5	310.7	0.3	16.1	9.5	115.
17.9	57.9	5645.0	500.0	-18.5	-37.8	291.5	15.0	14.0	-5.5	310.5	311.5	0.3	16.4	10.7	114.
19.4	61.1	6025.6	475.0	-21.2	-39.9	299.1	16.2	14.1	-7.9	311.7	312.5	0.2	16.6	12.1	114.
20.7	64.6	6422.5	450.0	-24.2	-42.2	304.5	16.3	13.5	-9.3	312.8	313.5	0.2	16.9	13.3	115.
22.1	67.9	6836.3	425.0	-28.0	-45.2	301.2	17.7	15.1	-9.2	313.1	313.7	0.2	17.2	14.8	116.
23.6	71.3	7269.1	400.0	-31.0	-47.6	293.8	19.6	17.0	-7.5	314.7	315.1	0.1	17.5	16.4	116.
25.3	75.2	7722.7	375.0	-35.3	-51.1	294.4	20.6	18.7	-8.5	314.8	315.2	0.1	17.9	18.4	116.
26.9	79.2	8199.2	350.0	-39.7	99.9	296.1	18.8	16.8	-8.3	315.2	999.9	99.9	999.9	20.3	116.
28.5	83.2	8701.0	325.0	-44.1	99.9	298.1	19.7	17.4	-9.3	316.0	999.9	99.9	999.9	22.1	116.
30.0	87.2	9232.7	300.0	-48.9	99.9	296.8	22.9	20.5	-10.3	316.4	999.9	99.9	999.9	24.0	116.
31.8	91.8	9798.1	275.0	-53.7	99.9	296.6	24.4	21.8	-10.9	317.5	999.9	99.9	999.9	26.7	116.
34.1	96.4	10405.4	250.0	-56.7	99.9	297.1	25.5	22.7	-11.6	321.7	999.9	99.9	999.9	30.1	116.
36.5	101.4	11070.0	225.0	-57.4	99.9	301.8	24.0	20.4	-12.7	330.5	999.9	99.9	999.9	33.9	117.
39.2	107.0	11812.1	200.0	-59.2	99.9	281.9	21.5	21.1	-4.4	339.1	999.9	99.9	999.9	37.0	117.
42.1	112.9	12652.9	175.0	-56.8	99.9	286.3	23.0	22.1	-6.5	356.2	999.9	99.9	999.9	41.2	115.
45.5	119.0	13635.5	150.0	-55.3	99.9	271.0	21.1	21.1	-0.4	374.7	999.9	99.9	999.9	45.0	114.
49.0	126.0	14791.7	125.0	-58.8	99.9	256.8	19.9	19.3	4.6	388.5	999.9	99.9	999.9	48.4	111.
53.5	134.0	16203.5	100.0	-55.8	99.9	269.0	20.1	20.1	0.3	419.9	999.9	99.9	999.9	53.6	108.
59.1	142.0	18044.6	75.0	-52.2	99.9	260.8	20.4	20.2	3.3	463.5	999.9	99.9	999.9	57.7	106.
66.7	151.0	20664.8	50.0	-54.2	99.9	1.1	3.4	-0.1	-3.4	515.7	999.9	99.9	999.9	60.3	105.
78.4	160.5	23173.7	25.0	-49.1	99.9	999.9	99.9	99.9	99.9	643.7	999.9	99.9	999.9	999.9	999.

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

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

24 APRIL 1975
2315 GMT

166 16. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	180.0	994.1	25.7	17.4	200.0	4.2	1.4	3.9	301.1	334.9	12.7	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	7.9	351.0	975.0	25.0	17.3	209.2	11.0	5.4	9.6	302.1	336.5	12.8	62.1	0.2	23.
1.3	10.0	578.8	950.0	23.0	16.3	207.0	12.1	5.5	10.8	302.3	335.6	12.4	65.9	0.7	27.
2.2	12.0	810.3	925.0	19.6	14.5	211.8	12.8	6.7	10.9	300.9	331.3	11.4	72.6	1.4	27.
3.0	14.3	1046.2	900.0	17.8	14.1	225.9	11.9	8.5	8.3	301.4	331.8	11.3	78.5	2.0	31.
3.9	16.3	1287.3	875.0	16.3	13.7	238.9	11.6	9.9	6.0	302.2	333.0	11.4	84.9	2.6	36.
4.8	18.5	1533.8	850.0	14.5	12.7	247.1	12.8	11.8	5.0	302.8	332.4	10.9	88.9	3.2	41.
5.7	20.8	1786.2	825.0	12.8	11.3	252.7	13.5	12.9	4.0	303.5	331.6	10.3	90.6	3.8	47.
6.6	23.0	2044.3	800.0	10.5	10.1	258.1	12.8	12.5	2.6	303.7	330.4	9.8	97.1	4.4	51.
7.6	25.4	2308.7	775.0	8.4	8.1	264.2	13.3	13.2	1.3	304.0	328.4	8.8	97.9	5.1	55.
8.6	27.7	2579.7	750.0	7.0	5.9	265.4	14.9	14.8	1.2	305.2	326.9	7.8	92.7	5.8	60.
9.6	30.2	2858.7	725.0	6.2	2.8	266.5	16.7	16.7	1.0	307.1	325.5	6.5	79.2	6.8	63.
10.8	32.8	3145.8	700.0	4.7	-2.9	273.6	17.2	17.2	-1.1	308.2	321.2	4.5	58.3	7.9	67.
12.0	35.4	3441.8	675.0	3.0	-5.7	282.9	18.1	17.6	-4.0	309.5	320.5	3.7	52.9	9.0	72.
13.3	37.9	3746.2	650.0	0.5	-7.4	285.5	19.3	18.6	-5.1	310.0	320.1	3.4	55.1	10.1	76.
14.3	40.5	4060.2	625.0	-1.1	-18.6	291.2	20.0	18.6	-7.2	311.3	316.3	1.6	28.1	11.2	79.
15.4	43.3	4384.1	600.0	-3.8	-30.7	294.2	21.0	19.1	-8.6	311.8	313.4	0.5	10.2	12.4	83.
16.5	46.3	4718.8	575.0	-5.6	-35.2	295.6	21.9	19.8	-9.5	313.5	314.6	0.3	7.4	13.6	86.
17.8	49.3	5065.2	550.0	-8.7	-37.2	297.2	24.8	22.1	-11.3	313.8	314.8	0.3	7.8	15.2	89.
19.3	52.1	5424.0	525.0	-11.0	-38.6	296.1	27.1	24.3	-11.9	315.2	316.1	0.3	8.1	17.2	93.
20.6	55.2	5797.2	500.0	-13.0	-39.9	286.3	25.1	24.1	-7.0	317.1	317.9	0.2	8.3	19.3	95.
22.1	58.4	6187.1	475.0	-14.9	-59.3	276.9	22.7	22.5	-2.7	319.5	319.6	0.0	1.0	21.4	96.
23.5	61.8	6593.5	450.0	-18.2	-61.5	274.9	24.2	24.1	-2.1	320.3	320.4	0.0	1.0	23.3	96.
25.0	65.3	7017.3	425.0	-21.9	-59.7	278.3	23.3	23.1	-3.4	320.8	321.0	0.0	2.1	25.5	96.
26.7	68.8	7460.2	400.0	-25.7	-53.6	276.2	23.2	23.0	-2.5	321.6	321.8	0.1	5.3	27.8	96.
28.4	72.3	7924.7	375.0	-29.2	-55.7	274.5	19.8	19.7	-1.6	322.8	323.1	0.1	5.7	30.1	96.
30.1	76.3	8413.7	350.0	-33.0	-57.9	279.1	20.6	20.4	-3.3	324.2	324.4	0.0	6.1	32.1	96.
31.9	80.5	8930.2	325.0	-37.4	-60.7	280.8	20.4	20.0	-3.2	325.0	325.2	0.0	6.7	34.4	96.
34.1	84.8	9478.3	300.0	-41.1	99.9	271.4	20.0	20.0	-0.5	327.4	999.9	99.9	999.9	37.1	96.
36.5	89.3	10064.1	275.0	-45.7	99.9	263.0	20.9	20.7	2.6	329.0	999.9	99.9	999.9	39.9	96.
38.8	94.2	10692.4	250.0	-50.5	99.9	263.5	19.3	19.2	2.2	331.0	999.9	99.9	999.9	42.5	95.
41.0	99.4	11371.6	225.0	-55.9	99.9	273.5	18.5	18.5	-1.1	332.8	999.9	99.9	999.9	44.8	95.
43.4	105.0	12110.1	200.0	-61.8	99.9	275.7	25.1	24.9	-2.5	334.8	999.9	99.9	999.9	48.1	95.
46.2	111.3	12927.3	175.0	-66.2	99.9	276.4	29.2	29.0	-3.3	340.7	999.9	99.9	999.9	52.5	95.
49.2	118.3	13869.7	150.0	-61.2	99.9	271.3	35.5	35.5	-0.8	364.2	999.9	99.9	999.9	58.2	95.
53.0	126.3	15004.1	125.0	-61.5	99.9	267.0	31.2	31.1	1.6	383.6	999.9	99.9	999.9	65.3	94.
57.4	135.3	16378.8	100.0	-65.3	99.9	268.7	18.9	18.9	0.4	401.6	999.9	99.9	999.9	72.2	94.
62.6	144.3	18105.0	75.0	-66.6	99.9	281.8	11.2	11.0	-2.3	433.3	999.9	99.9	999.9	76.7	94.
70.1	155.0	20596.8	50.0	-60.8	99.9	301.9	6.1	5.1	-3.2	500.2	999.9	99.9	999.9	78.4	94.
81.9	167.0	24992.2	25.0	-52.2	99.9	332.0	8.3	3.9	-7.3	634.5	999.9	99.9	999.9	78.9	96.

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

STATION NO. 22902
FT. SILL, OKLA

25 APRIL 1975
58 GMT

108 183. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	362.0	963.4	26.8	18.9	180.0	5.1	0.0	5.1	305.1	344.2	14.5	62.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	10.4	486.3	950.0	26.7	18.9	189.3	11.2	1.8	11.0	306.3	346.1	14.6	62.2	0.2	36.0
1.1	12.9	721.8	925.0	24.8	17.3	192.9	10.1	2.3	9.9	306.6	343.7	13.6	63.1	0.6	6.
1.7	15.3	962.3	900.0	23.2	16.3	205.0	7.6	3.2	6.9	307.2	343.2	13.1	65.2	0.9	10.
2.5	17.9	1207.8	875.0	21.4	14.3	229.8	5.3	4.1	3.4	307.6	340.3	11.9	64.2	1.2	16.
3.2	20.3	1458.7	850.0	19.3	12.5	265.5	4.2	4.2	0.3	307.9	337.8	10.8	64.5	1.3	23.
4.1	22.9	1715.0	825.0	17.4	10.7	270.6	4.7	4.7	-0.0	308.3	335.9	9.9	64.7	1.4	32.
4.9	25.4	1977.4	800.0	14.8	8.8	272.3	4.3	4.3	-0.2	308.2	333.2	8.9	67.0	1.5	39.
5.8	28.0	2245.4	775.0	12.7	6.0	265.3	4.5	4.5	0.4	308.5	330.0	7.6	63.8	1.7	45.
6.5	30.9	2520.0	750.0	10.4	4.0	262.5	6.0	5.9	0.8	308.7	328.1	6.8	64.4	1.9	49.
7.5	33.7	2801.6	725.0	8.2	0.7	263.7	8.5	8.5	0.9	309.2	325.3	5.6	58.9	2.2	55.
8.5	36.3	3090.3	700.0	5.7	-5.9	258.8	11.3	11.1	2.2	309.3	319.8	3.5	43.0	2.8	61.
9.5	39.2	3386.7	675.0	3.6	-11.3	259.3	14.0	13.7	2.6	310.0	317.2	2.4	32.6	3.5	64.
10.6	42.0	3691.5	650.0	1.1	-12.6	999.9	99.9	99.9	99.9	310.5	317.3	2.2	35.0	999.9	999.
11.6	45.1	4005.7	625.0	-1.1	-21.4	999.9	99.9	99.9	99.9	311.3	314.9	1.1	19.6	999.9	999.
12.5	48.1	4330.1	600.0	-3.3	-27.1	999.9	99.9	99.9	99.9	312.4	314.7	0.7	13.9	999.9	999.
13.5	51.1	4666.2	575.0	-4.1	-42.5	999.9	99.9	99.9	99.9	315.2	315.8	0.2	3.1	999.9	999.
14.4	54.4	5015.0	550.0	-6.8	-39.7	999.9	99.9	99.9	99.9	316.0	316.8	0.2	5.2	999.9	999.
15.4	57.6	5376.1	525.0	-9.5	-29.4	999.9	99.9	99.9	99.9	317.0	319.2	0.6	18.2	999.9	999.
16.3	61.0	5750.5	500.0	-13.1	-20.3	999.9	99.9	99.9	99.9	317.2	322.1	1.5	54.3	999.9	999.
17.5	64.6	6139.2	475.0	-16.5	-22.8	999.9	99.9	99.9	99.9	317.6	321.8	1.3	58.1	999.9	999.
18.8	67.9	6543.8	450.0	-19.2	-26.4	999.9	99.9	99.9	99.9	319.2	322.5	1.0	52.4	999.9	999.
20.1	71.4	6966.4	425.0	-22.5	-31.0	999.9	99.9	99.9	99.9	320.2	322.5	0.7	45.8	999.9	999.
21.4	75.3	7408.8	400.0	-25.7	-50.1	254.7	34.6	33.4	9.2	321.5	321.8	0.1	8.1	19.8	80.
22.6	79.3	7872.8	375.0	-29.9	-44.7	253.7	39.0	37.4	11.0	321.9	322.6	0.2	21.9	22.4	80.
23.7	83.2	8363.4	350.0	-31.1	-58.5	250.4	42.2	39.8	14.2	326.8	327.0	0.0	4.7	25.2	79.
24.8	87.2	8884.5	325.0	-35.0	-60.8	252.4	44.1	42.0	13.3	328.4	328.5	0.0	5.1	27.9	78.
26.0	91.8	9438.2	300.0	-38.9	-63.3	256.3	45.3	44.1	10.7	330.4	330.5	0.0	5.6	31.4	78.
27.3	96.4	10030.2	275.0	-43.0	99.9	264.7	44.0	43.8	4.1	332.9	999.9	99.9	999.9	34.7	78.
23.8	101.2	10665.5	250.0	-48.3	99.9	263.0	42.9	42.6	5.2	334.3	999.9	99.9	999.9	38.5	79.
30.3	106.5	11351.1	225.0	-54.3	99.9	256.3	43.1	41.8	10.2	335.4	999.9	99.9	999.9	42.6	79.
32.2	112.0	12098.2	200.0	-58.8	99.9	999.9	99.9	99.9	99.9	339.6	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

Sounding Data

25 April 1975

0600 GMT

342 - 381

STATION NO. 208
CHARLESTON, SC

25 APRIL 1975
600 GMT

164 9. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	13.0	1017.6	20.0	17.2	190.0	4.1	0.7	4.0	293.3	325.0	12.3	84.0	0.0	0.
0.5	5.8	163.9	1000.0	19.5	16.3	211.7	12.5	6.6	10.7	294.2	324.6	11.7	81.5	0.3	19.
1.4	8.0	381.9	975.0	19.0	13.0	214.2	16.8	9.4	13.8	295.6	321.3	9.7	68.0	1.1	29.
2.3	10.2	605.2	950.0	18.4	12.2	220.5	14.6	9.5	11.1	297.2	322.4	9.5	67.0	1.9	32.
3.3	12.3	834.4	925.0	18.1	12.3	241.9	11.6	10.2	5.5	299.1	325.4	9.8	69.0	2.7	37.
4.1	14.5	1066.8	900.0	16.3	11.2	250.9	12.5	11.9	4.1	299.5	324.8	9.4	72.2	3.2	43.
5.1	16.5	1308.2	875.0	14.4	10.5	256.4	12.3	12.0	2.9	300.0	324.8	9.2	77.0	3.8	48.
6.1	18.9	1552.8	850.0	12.5	9.7	268.0	11.6	11.6	0.4	300.5	324.8	9.0	82.9	4.5	54.
7.1	21.0	1803.5	825.0	11.7	8.2	270.9	13.3	13.3	-0.2	302.1	324.9	8.3	79.1	5.0	58.
8.1	23.5	2060.7	800.0	10.0	6.9	281.9	13.7	13.4	-2.8	302.8	324.4	7.8	81.1	5.7	63.
9.1	25.8	2324.8	775.0	8.5	3.8	286.0	13.4	12.9	-3.7	304.9	323.2	6.5	67.5	6.3	68.
10.2	28.2	2596.6	750.0	8.7	-4.0	284.0	12.6	12.2	-3.0	306.5	318.0	4.0	42.4	7.0	73.
11.2	30.8	2876.9	725.0	8.5	-20.2	283.7	13.1	12.7	-3.1	308.9	312.3	1.1	11.1	7.7	75.
12.4	33.4	3165.7	700.0	6.5	-21.8	282.9	14.5	14.1	-3.2	309.8	312.9	0.9	10.9	8.5	79.
13.5	35.9	3462.5	675.0	4.0	-20.4	280.5	15.6	15.3	-2.8	310.3	313.9	1.1	14.8	9.5	81.
14.7	38.6	3765.0	650.0	1.5	-20.8	275.5	15.3	15.1	-2.5	310.8	314.4	1.1	17.0	10.6	83.
16.0	41.2	4082.4	625.0	-0.8	-17.4	277.0	15.0	14.9	-1.8	311.7	316.6	1.6	27.0	11.7	84.
17.3	44.1	4407.2	600.0	-2.8	-23.3	275.5	13.6	13.6	-1.3	313.0	316.2	1.0	18.8	12.8	80.
18.6	47.0	4742.7	575.0	-5.4	-26.0	269.3	12.0	12.0	0.1	313.7	316.3	0.8	17.9	13.8	86.
20.2	50.1	5089.8	550.0	-7.8	-34.5	271.3	10.7	10.7	-0.2	314.9	316.2	0.4	9.5	14.9	86.
21.4	53.0	5450.2	525.0	-9.1	-44.5	272.2	9.4	9.4	-0.4	317.4	317.9	0.1	3.7	15.6	86.
23.0	56.0	5825.7	500.0	-11.7	-27.5	298.4	8.2	7.2	-3.9	318.8	321.5	0.8	25.4	16.4	87.
24.6	59.3	6216.9	475.0	-14.4	-32.3	298.3	11.3	10.0	-5.4	320.2	322.0	0.5	20.1	17.7	89.
26.6	62.7	6623.8	450.0	-17.9	-36.6	299.5	11.7	10.2	-5.8	320.7	322.0	0.4	17.6	18.4	91.
28.4	66.1	7048.1	425.0	-21.6	-38.3	301.4	13.8	11.8	-7.2	321.2	322.4	0.3	20.4	19.6	93.
30.4	69.7	7491.3	400.0	-25.4	-33.4	288.8	15.6	14.8	-5.0	322.0	324.0	0.6	47.0	21.1	95.
32.3	73.3	7956.0	375.0	-29.5	-33.7	295.0	15.4	13.9	-6.5	322.6	324.6	0.6	66.3	23.0	92.
34.3	77.2	8444.7	350.0	-33.2	-36.9	302.8	12.6	10.6	-6.8	324.0	325.6	0.5	68.3	24.4	98.
36.5	81.2	8961.1	325.0	-37.8	-41.6	300.7	14.2	12.2	-7.3	324.6	325.6	0.3	67.1	26.1	99.
38.9	85.4	9507.9	300.0	-42.1	99.9	299.1	15.9	13.9	-7.7	326.0	999.9	99.9	99.9	28.1	101.
41.7	90.0	10091.1	275.0	-46.4	99.9	285.2	17.6	17.0	-4.6	328.0	999.9	99.9	99.9	30.8	102.
44.7	94.8	10717.9	250.0	-51.0	99.9	286.4	15.7	15.0	-4.4	330.2	999.9	99.9	99.9	33.9	102.
47.6	99.8	11395.0	225.0	-56.0	99.9	287.0	18.8	18.0	-5.5	332.7	999.9	99.9	99.9	36.4	103.
50.8	105.0	12134.5	200.0	-61.0	99.9	306.0	20.6	16.6	-12.1	336.2	999.9	99.9	99.9	40.9	104.
54.7	111.0	12960.9	175.0	-62.3	99.9	301.3	24.8	21.2	-12.9	347.1	999.9	99.9	99.9	46.2	106.
59.1	117.3	13913.1	150.0	-61.5	99.9	295.1	26.0	23.5	-11.0	364.2	999.9	99.9	99.9	52.5	108.
64.2	124.7	15045.5	125.0	-63.1	99.9	280.3	23.0	22.6	-4.1	380.7	999.9	99.9	99.9	60.3	107.
70.4	132.7	16403.8	100.0	-68.4	99.9	270.7	15.7	15.7	-0.2	395.7	999.9	99.9	99.9	68.0	106.
78.0	141.3	18122.9	75.0	-68.4	99.9	287.0	9.2	8.2	-4.2	429.5	999.9	99.9	99.9	73.4	106.
88.3	150.5	20591.5	50.0	-62.6	99.9	59.0	4.4	-3.7	-2.2	496.1	999.9	99.9	99.9	76.7	106.
104.4	160.5	24962.4	25.0	-54.3	99.9	64.2	3.0	-2.7	-1.3	628.6	999.9	99.9	99.9	76.6	107.

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

347

STATION NO. 211
TAMPA, FLA

25 APRIL 1975
530 GMT

166 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	2.0	1019.4	19.8	17.4	60.0	1.5	-1.3	-0.7	293.0	324.9	12.4	86.0	0.0	0.
0.6	6.2	174.3	1000.0	20.7	16.0	138.3	8.7	-5.8	6.5	295.4	325.7	11.6	74.5	0.1	263.
1.4	6.5	394.0	975.0	20.8	14.2	147.6	8.5	-4.6	7.2	297.5	325.4	10.5	66.1	0.5	311.
2.3	10.7	618.4	950.0	19.4	13.1	161.4	6.5	-2.1	6.2	298.2	325.0	10.0	66.9	0.9	322.
3.2	13.0	847.4	925.0	17.4	13.4	167.8	6.6	-1.4	6.5	298.5	326.6	10.5	77.2	1.2	328.
4.2	15.3	1081.7	900.0	15.9	12.7	183.1	5.4	0.3	5.4	299.3	327.0	10.4	81.3	1.6	334.
5.3	17.6	1321.2	875.0	15.0	9.9	184.9	3.6	0.3	3.6	300.6	324.5	8.8	71.5	1.8	338.
6.2	20.1	1566.3	850.0	13.0	9.7	198.4	3.7	1.2	3.5	300.9	325.3	9.0	80.6	2.0	342.
7.2	22.3	1817.2	825.0	11.4	7.7	205.6	3.6	1.5	3.2	301.7	323.7	9.0	78.1	2.2	346.
8.3	24.9	2074.6	800.0	12.1	1.0	66.8	0.9	-0.8	-0.4	304.8	319.5	.2	46.5	2.3	347.
9.3	27.2	2340.3	775.0	11.6	-10.0	70.1	5.5	-5.2	-1.9	306.6	313.6	.3	21.1	2.2	342.
10.3	29.9	2613.9	750.0	10.9	-4.8	67.0	5.0	-7.4	-3.1	308.9	319.5	6	32.9	2.3	331.
11.4	32.6	2896.4	725.0	9.9	-4.4	53.9	8.0	-6.4	-4.7	310.8	322.1	3	36.5	2.3	316.
12.5	35.2	3186.6	700.0	7.7	-4.3	43.8	7.8	-5.4	-5.7	311.5	323.4	4	42.4	2.4	305.
13.7	37.8	3485.4	675.0	5.6	-5.9	40.2	8.8	-5.7	-6.7	312.3	323.3	3	43.3	2.5	290.
15.0	40.5	3793.2	650.0	3.7	-8.8	48.3	7.2	-5.4	-4.8	313.5	322.7	3.0	39.4	2.8	279.
16.2	43.3	4110.4	625.0	1.4	-10.0	36.7	5.8	-3.5	-4.7	314.4	323.2	2.9	42.5	3.1	273.
17.4	46.3	4437.9	600.0	-0.6	-11.7	13.5	7.3	-1.7	-7.1	315.7	323.8	2.6	42.7	3.4	265.
18.8	49.3	4777.6	575.0	-1.9	-13.7	348.7	7.4	1.5	-7.3	318.0	325.3	2.3	40.2	3.5	254.
20.1	52.1	5130.0	550.0	-3.9	-17.4	332.4	7.7	3.5	-6.8	319.7	325.4	1.8	34.1	3.4	245.
21.5	55.3	5495.2	525.0	-7.2	-18.1	326.1	7.3	4.1	-6.1	319.9	325.6	1.7	41.2	3.4	234.
22.8	58.4	5873.2	500.0	-10.4	-21.2	329.2	6.8	3.5	-5.5	320.5	325.1	1.4	40.6	3.5	225.
24.4	61.6	6265.5	475.0	-13.7	-23.9	331.2	7.6	3.7	-6.7	321.1	324.9	1.2	41.9	3.7	215.
25.8	65.1	6673.6	450.0	-17.3	-24.0	328.7	7.2	3.8	-6.2	321.5	325.6	1.2	55.7	4.1	207.
27.5	68.6	7099.3	425.0	-20.7	-25.6	312.1	10.2	7.6	-6.8	322.5	326.2	1.1	64.5	4.5	197.
29.2	72.0	7544.5	400.0	-24.5	-28.1	302.8	12.7	10.0	-6.9	323.2	326.3	0.9	71.6	5.0	184.
31.1	75.8	8012.0	375.0	-27.4	-37.3	302.6	15.7	13.3	-8.5	325.3	326.8	0.4	38.3	6.0	170.
33.1	79.7	8505.0	350.0	-31.2	-43.3	297.7	19.4	17.2	-9.0	326.6	327.5	0.2	29.1	7.4	158.
35.0	83.5	9025.9	325.0	-34.6	99.9	303.8	18.6	15.4	-10.4	329.1	999.9	99.9	99.9	9.5	149.
37.3	87.7	9579.9	300.0	-38.9	99.9	309.8	19.3	14.8	-12.4	330.6	999.9	99.9	99.9	11.7	145.
39.6	92.2	10171.1	275.0	-43.6	99.9	312.1	23.0	17.1	-15.4	332.0	999.9	99.9	99.9	14.3	142.
42.1	96.8	10804.4	250.0	-48.8	99.9	314.8	30.5	21.7	-21.5	333.0	999.9	99.9	99.9	18.4	140.
44.9	101.8	11489.3	225.0	-54.0	99.9	311.3	33.8	25.4	-22.2	335.8	999.9	99.9	99.9	23.8	138.
47.9	107.3	12233.3	200.0	-60.6	99.9	309.6	36.0	27.7	-22.9	336.9	999.9	99.9	99.9	30.1	137.
51.3	113.0	13054.3	175.0	-65.3	99.9	300.3	28.6	24.7	-14.5	342.2	999.9	99.9	99.9	36.6	135.
55.0	119.5	14004.5	150.0	-61.6	99.9	301.6	21.8	18.6	-11.4	364.0	999.9	99.9	99.9	42.9	133.
59.5	128.7	15123.8	125.0	-65.8	99.9	276.9	20.3	20.2	-2.4	375.8	999.9	99.9	99.9	47.2	129.
64.8	135.0	16455.7	100.0	-72.2	99.9	271.9	12.1	12.1	-0.4	388.3	999.9	99.9	99.9	52.4	127.
71.2	143.3	18142.7	75.0	-72.7	99.9	312.7	6.0	4.4	-4.1	420.6	999.9	99.9	99.9	55.9	126.
80.3	153.3	20580.4	50.0	-63.7	99.9	26.0	5.4	-2.3	-4.8	493.5	999.9	99.9	99.9	56.9	127.
95.5	164.5	24961.3	25.0	-53.6	99.9	83.3	4.8	-4.7	-0.5	630.9	999.9	99.9	99.9	56.2	130.

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

343

STATION NO. 213
WAYCROSS, GA

25 APRIL 1975
600 GMT

166 13. 0

TIME MIN	CATCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.8	44.0	1013.0	17.5	16.5	180.0	2.1	0.0	2.1	291.1	321.4	11.8	94.0	0.0	0.
0.4	4.8	155.8	1000.0	20.8	16.5	187.7	3.5	0.5	3.5	295.5	326.8	12.0	76.8	0.2	5.
1.3	6.7	375.2	975.0	20.6	11.2	225.0	5.2	3.7	3.7	297.0	320.1	8.6	55.0	0.3	17.
2.0	8.8	596.8	950.0	20.6	11.4	228.6	8.0	6.0	5.3	299.4	323.5	9.0	55.4	0.6	33.
2.8	10.8	830.1	925.0	19.1	12.1	220.8	7.6	5.0	5.7	300.1	326.1	9.6	63.7	1.0	38.
3.6	12.8	1065.1	900.0	17.2	11.1	215.4	7.8	4.5	6.4	300.5	325.6	9.3	67.3	1.4	37.
4.6	15.1	1305.0	875.0	14.9	9.7	222.9	9.1	6.2	6.7	300.4	324.0	8.7	71.3	1.9	38.
5.4	17.3	1550.2	850.0	13.7	2.1	235.7	9.7	8.0	5.5	301.2	316.2	5.4	46.3	2.3	40.
6.3	19.6	1801.0	825.0	12.8	-17.0	252.9	8.2	7.8	2.4	302.3	306.1	1.2	11.0	2.8	44.
7.2	21.7	2058.8	800.0	12.4	-6.1	268.0	6.9	6.9	0.2	305.0	316.8	4.1	36.5	3.1	48.
8.1	24.1	2324.9	775.0	11.6	-2.5	287.6	5.6	5.4	-1.7	306.8	318.8	4.1	37.2	3.3	54.
9.0	26.3	2596.5	750.0	10.8	-15.6	274.8	6.1	6.1	-0.5	308.5	314.3	1.9	17.4	3.5	57.
10.0	28.8	2880.5	725.0	10.1	-7.9	269.2	6.7	6.7	0.1	310.9	320.1	3.0	28.5	3.9	60.
10.9	31.3	3171.1	700.0	7.9	-11.9	284.1	8.0	7.7	-1.9	311.5	318.3	2.2	23.3	4.1	63.
12.0	34.0	3469.7	675.0	6.0	-15.0	301.4	10.2	8.7	-5.3	312.6	318.1	1.8	20.3	4.6	69.
13.0	36.4	3777.5	650.0	4.2	-32.7	310.3	9.0	6.9	-5.8	313.8	315.9	0.6	8.2	4.9	75.
14.1	39.2	4095.1	625.0	1.8	-48.8	319.4	8.3	5.4	-6.3	314.5	314.8	0.1	1.0	5.2	80.
15.1	41.8	4422.0	600.0	-1.1	-50.0	316.9	7.6	5.2	-5.6	314.8	315.1	0.1	1.0	5.5	85.
16.3	44.7	4759.3	575.0	-4.2	-52.6	310.1	6.3	4.8	-4.0	315.0	315.2	0.0	1.0	5.8	88.
17.4	47.7	5107.7	550.0	-7.0	-54.3	313.9	8.2	5.9	-5.7	315.8	316.0	0.0	1.0	6.1	91.
18.6	50.5	5468.7	525.0	-9.1	-55.7	313.1	9.2	6.7	-6.3	317.5	317.6	0.0	1.0	6.6	95.
19.9	53.8	5844.2	500.0	-11.9	-57.5	307.5	7.9	6.3	-4.8	318.4	318.6	0.0	1.0	7.2	98.
21.2	56.8	6234.2	475.0	-15.3	-59.6	297.9	8.9	7.9	-4.2	319.0	319.1	0.0	1.0	7.9	100.
22.7	60.1	6639.8	450.0	-18.4	-61.6	290.1	11.2	10.5	-3.8	320.0	320.1	0.0	1.0	8.6	101.
24.1	63.7	7063.6	425.0	-21.2	-63.4	287.8	14.9	14.2	-4.6	321.7	321.8	0.0	1.0	9.7	102.
25.8	67.1	7507.9	400.0	-24.7	-65.7	287.8	15.2	14.5	-4.7	322.8	322.9	0.0	1.0	11.3	103.
27.4	70.8	7974.1	375.0	-28.5	-68.2	291.2	16.1	15.0	-5.8	323.8	323.9	0.0	1.0	12.7	104.
29.1	74.8	8464.3	350.0	-32.6	-70.8	287.1	17.8	17.0	-5.2	324.8	324.8	0.0	1.0	14.5	104.
30.9	79.0	8981.9	325.0	-36.7	-71.3	290.1	18.7	17.6	-6.4	326.0	326.0	0.0	1.4	16.5	105.
32.9	83.2	9531.1	300.0	-40.8	99.9	296.3	20.7	18.5	-9.1	327.8	999.9	99.9	999.9	18.7	106.
34.9	87.6	10118.5	275.0	-44.6	99.9	301.3	23.1	19.7	-12.0	330.7	999.9	99.9	999.9	21.1	106.
37.0	92.8	10750.0	250.0	-49.6	99.9	310.9	31.0	23.4	-20.3	332.3	999.9	99.9	999.9	24.5	110.
39.4	98.0	11430.7	225.0	-55.4	99.9	305.9	35.7	28.9	-20.9	333.6	999.9	99.9	999.9	28.9	113.
42.1	103.5	12171.5	200.0	-60.8	99.9	305.4	37.7	30.8	-21.9	336.6	999.9	99.9	999.9	34.6	115.
45.1	110.0	12994.8	175.0	-62.9	99.9	292.5	26.8	24.7	-10.3	346.2	999.9	99.9	999.9	41.0	116.
48.5	116.7	13949.6	150.0	-60.3	99.9	290.1	25.9	24.4	-8.9	366.2	999.9	99.9	999.9	46.4	115.
52.6	124.7	15078.8	125.0	-63.0	99.9	284.0	24.6	23.8	-6.0	380.9	999.9	99.9	999.9	51.6	113.
57.2	133.3	16434.6	100.0	-69.3	99.9	278.5	13.4	13.2	-2.0	393.8	999.9	99.9	999.9	56.4	113.
62.5	142.3	18137.1	75.0	-68.2	99.9	264.6	8.0	8.0	0.8	430.0	999.9	99.9	999.9	60.3	112.
70.4	152.5	20602.4	50.0	-61.8	99.9	2.5	4.8	-0.2	-4.8	497.8	999.9	99.9	999.9	62.0	113.
82.9	163.0	24999.0	25.0	-52.6	99.9	307.9	2.7	2.1	-1.7	633.5	999.9	99.9	999.9	61.4	114.

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

317

STATION NO. 220
APALACHICOLA, FLA

25 APRIL 1975
515 GMT

165 14. 0

TIME MIN	CT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	11.0	1018.4	17.8	17.0	360.0	0.0	0.0	0.0	291.0	322.0	12.1	95.0	0.0	0.
0.5	6.1	168.4	1000.0	20.4	15.1	166.7	3.4	-0.8	3.3	295.0	323.7	11.0	72.6	0.1	351.
1.4	8.3	387.9	975.0	22.2	5.1	175.7	4.4	-0.3	4.4	298.3	314.0	5.7	32.8	0.3	350.
2.1	10.4	613.0	950.0	21.1	5.4	177.8	4.6	-0.2	4.6	299.5	315.9	5.9	35.8	0.5	353.
2.8	12.5	843.3	925.0	19.8	4.5	175.9	4.0	-0.3	4.0	300.4	316.3	5.7	36.4	0.7	354.
3.6	14.8	1078.3	900.0	17.7	5.7	178.6	4.5	-0.1	4.5	300.6	318.4	6.4	45.6	0.9	355.
4.4	16.9	1318.7	875.0	16.5	4.0	180.6	5.5	0.1	5.5	301.7	318.0	5.8	43.3	1.1	356.
5.3	19.3	1565.1	850.0	15.7	-5.7	188.6	6.6	1.0	6.5	303.0	311.6	3.0	22.5	1.5	358.
6.1	21.4	1817.9	825.0	15.0	-7.1	194.2	5.0	1.2	4.9	304.9	314.6	3.4	26.4	1.8	0.
7.2	23.9	2077.3	800.0	13.1	2.6	219.1	2.8	1.8	2.2	305.9	322.3	5.8	48.7	1.9	3.
8.0	26.2	2344.2	775.0	13.1	-6.6	217.2	2.9	1.8	2.3	308.3	317.5	3.1	25.6	2.0	6.
9.0	28.7	2619.4	750.0	12.6	-11.5	209.8	3.0	1.5	2.6	310.5	317.1	2.1	17.5	2.2	8.
10.0	31.3	2903.0	725.0	11.2	-12.3	191.9	3.7	0.8	3.6	312.0	318.4	2.1	18.0	2.4	9.
11.1	34.0	3194.3	700.0	8.8	-5.4	200.9	2.6	0.9	2.4	312.7	323.6	3.6	36.1	2.7	9.
12.1	36.5	3494.7	675.0	7.5	-11.3	280.6	1.9	1.9	-0.4	314.4	321.7	2.4	24.8	2.7	10.
13.1	39.2	3803.9	650.0	4.7	-11.8	330.3	3.1	1.5	-2.7	314.6	322.0	2.4	29.0	2.7	13.
14.2	41.9	4122.0	625.0	2.0	-10.2	351.9	3.2	0.7	-5.1	315.1	323.7	2.8	39.9	2.4	16.
15.2	44.8	4450.1	600.0	-0.6	-10.0	351.7	6.6	1.0	-6.5	315.8	325.0	3.0	49.1	2.1	20.
16.5	47.8	4788.8	575.0	-3.4	-11.4	332.8	6.0	2.7	-5.3	316.3	324.9	2.8	53.9	1.7	30.
17.8	50.7	5139.5	550.0	-5.3	-12.9	319.4	6.5	4.2	-4.9	318.1	326.1	2.6	55.0	1.6	45.
19.1	53.6	5503.2	525.0	-7.8	-14.7	323.8	6.8	4.0	-5.5	319.3	326.7	2.3	57.6	1.6	66.
20.4	56.6	5880.7	500.0	-11.0	-19.7	314.8	7.5	5.3	-5.3	319.8	325.0	1.6	48.4	1.8	82.
21.7	59.9	6272.9	475.0	-13.1	-23.6	299.5	9.5	8.3	-4.7	321.8	325.8	1.2	41.1	2.3	94.
23.3	63.3	6682.3	450.0	-16.6	-28.7	291.4	10.4	9.7	-3.8	322.5	325.2	0.8	33.9	3.2	99.
24.8	66.5	7109.2	425.0	-20.3	-28.6	289.6	11.4	10.7	-3.8	323.0	325.9	0.8	47.1	4.2	102.
26.3	70.1	7554.7	400.0	-24.1	-31.5	294.5	15.2	13.9	-6.3	323.7	326.0	0.7	50.1	5.3	104.
27.9	73.7	8022.5	375.0	-26.5	-49.2	297.6	16.2	14.3	-7.5	326.4	326.9	0.1	9.9	6.9	107.
29.7	77.8	8517.1	350.0	-30.2	-53.0	300.6	17.5	15.1	-8.9	328.0	328.3	0.1	8.6	8.6	110.
31.6	81.8	9039.5	325.0	-34.3	-55.9	301.0	17.3	14.8	-8.9	329.3	329.5	0.1	9.0	10.7	112.
33.6	86.0	9594.3	300.0	-38.3	-58.7	310.6	19.7	15.0	-12.8	331.3	331.5	0.0	9.4	12.7	114.
35.7	90.6	10186.9	275.0	-43.2	99.9	323.0	25.9	15.6	-20.7	332.7	999.9	99.9	999.9	15.3	118.
37.9	95.3	10822.9	250.0	-47.7	99.9	316.5	31.4	21.6	-22.8	335.2	999.9	99.9	999.9	19.1	122.
40.6	100.4	11506.4	225.0	-53.7	99.9	320.2	26.0	16.6	-20.0	336.2	999.9	99.9	999.9	24.1	125.
43.7	106.0	12254.8	200.0	-60.5	99.9	318.5	31.0	20.5	-23.2	337.0	999.9	99.9	999.9	28.9	128.
46.7	112.0	13074.9	175.0	-65.4	99.9	321.7	31.8	19.7	-24.9	342.1	999.9	99.9	999.9	34.7	130.
50.3	118.5	14019.0	150.0	-62.4	99.9	304.2	27.7	22.9	-15.6	362.6	999.9	99.9	999.9	40.4	129.
54.7	126.0	15144.4	125.0	-64.6	99.9	296.9	20.6	18.4	-5.3	378.0	999.9	99.9	999.9	46.3	128.
59.7	134.7	16488.5	100.0	-70.6	99.9	283.2	14.7	14.3	-3.4	391.4	999.9	99.9	999.9	50.9	127.
65.4	143.0	18194.7	75.0	-71.1	99.9	294.1	6.9	6.3	-2.8	423.9	999.9	99.9	999.9	55.3	126.
74.0	153.0	20654.3	50.0	-61.8	99.9	110.7	4.8	-4.5	1.7	457.9	999.9	99.9	999.9	56.8	126.
89.0	163.3	25065.6	25.0	-53.3	99.9	140.9	1.3	-0.8	1.0	632.0	999.9	99.9	999.9	55.5	128.

* BY SPEED MEANS ELEVATION 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

25 APRIL 1975
515 GMT

164 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	140.0	1000.7	20.8	19.6	200.0	5.1	1.7	4.2	295.8	333.6	14.6	93.0	0.0	0.
0.0	5.9	146.1	1000.0	20.9	19.3	201.2	10.3	3.7	9.6	295.9	333.0	14.3	90.7	0.1	6.
1.2	8.4	366.0	975.0	20.4	18.7	204.0	16.5	6.7	15.1	297.5	334.4	14.1	90.1	0.8	21.
2.4	10.8	590.3	950.0	18.2	16.7	207.5	16.3	7.5	14.5	297.4	330.8	12.7	90.8	2.0	25.
3.5	13.2	818.6	925.0	16.2	10.2	212.3	16.8	9.0	14.2	297.0	319.8	8.5	67.7	3.1	26.
4.5	15.6	1052.8	900.0	18.0	9.2	215.9	13.9	8.2	11.3	301.1	323.4	8.2	56.5	4.0	28.
5.6	18.1	1293.5	875.0	16.4	8.9	223.5	10.4	7.2	7.6	301.9	324.4	8.2	61.3	4.8	30.
6.7	20.6	1540.2	850.0	15.3	7.4	223.0	10.5	7.2	7.7	303.1	324.3	7.6	59.4	5.5	32.
7.8	23.2	1792.8	825.0	14.0	5.5	231.3	8.8	6.9	5.5	304.4	323.7	6.9	56.6	6.1	33.
9.0	25.7	2052.0	800.0	12.4	3.4	228.2	11.3	8.4	7.5	305.2	322.5	6.1	53.9	6.8	35.
10.1	28.4	2317.5	775.0	10.3	-3.4	224.7	10.8	7.6	7.7	305.5	317.4	4.2	40.6	7.5	36.
11.1	31.2	2589.7	750.0	9.0	-15.3	223.0	9.5	6.5	7.0	306.6	311.4	1.6	16.3	8.2	37.
12.3	34.1	2869.2	725.0	7.2	-22.6	224.0	11.8	8.2	8.5	307.4	310.2	0.9	10.1	8.8	37.
13.6	36.8	3157.2	700.0	6.8	-45.7	233.6	15.7	12.7	9.3	310.0	310.4	0.1	1.0	9.8	38.
14.8	39.7	3455.4	675.0	6.2	-46.1	244.8	17.4	15.8	7.4	312.6	312.9	0.1	1.0	11.1	40.
16.1	42.5	3763.3	650.0	4.4	-45.0	257.7	17.9	17.4	3.8	314.0	314.3	0.1	1.3	12.2	44.
17.3	45.5	4080.9	625.0	1.9	-33.5	257.4	16.5	16.1	3.6	314.7	315.9	0.4	5.1	13.3	47.
18.5	48.6	4408.0	600.0	-1.1	-26.9	253.4	14.3	13.7	4.1	314.9	317.2	0.7	12.0	14.3	49.
19.9	51.5	4745.6	575.0	-3.7	-52.3	256.4	13.8	13.4	3.2	315.7	315.8	0.1	1.0	15.4	51.
21.2	54.8	5094.2	550.0	-7.1	-46.9	267.5	12.9	12.9	0.6	315.7	316.1	0.1	2.6	16.3	53.
22.6	57.9	5454.4	525.0	-10.4	-31.9	271.0	12.8	12.8	-0.2	315.9	317.6	0.5	15.2	17.1	55.
24.1	61.3	5827.2	500.0	-14.1	-35.9	280.4	15.7	15.4	-2.8	315.9	317.9	0.6	24.2	18.1	57.
25.7	64.7	6215.9	475.0	-15.4	-59.7	277.7	17.5	17.4	-2.3	318.9	319.0	0.0	1.0	19.3	61.
27.3	68.1	6621.6	450.0	-18.1	-61.4	276.3	16.7	16.6	-1.8	320.5	320.6	0.0	1.0	20.7	64.
28.9	71.6	7046.2	425.0	-21.1	-63.3	271.6	20.7	20.7	-0.6	321.9	322.0	0.0	1.0	22.2	66.
30.4	75.4	7491.4	400.0	-24.1	-65.3	273.2	23.0	22.9	-1.3	323.6	323.7	0.0	1.0	24.0	68.
32.0	79.3	7958.8	375.0	-27.8	-67.7	277.0	22.8	22.7	-2.8	324.7	324.7	0.0	1.0	26.0	70.
33.8	83.2	8450.6	350.0	-31.7	-70.3	270.9	25.0	25.0	-0.4	325.9	325.9	0.0	1.0	28.5	72.
35.8	87.3	8970.1	325.0	-35.8	-73.0	263.9	23.6	23.5	2.5	327.3	327.3	0.0	1.0	31.0	74.
37.8	91.8	9521.3	300.0	-40.3	99.9	260.8	22.2	22.0	3.5	328.6	999.9	99.9	999.9	33.9	74.
39.8	96.3	10109.3	275.0	-44.8	99.9	275.1	29.4	29.3	-2.6	330.4	999.9	99.9	999.9	36.7	75.
42.0	101.0	10738.9	250.0	-50.2	99.9	282.4	35.0	34.2	-7.5	331.5	999.9	99.9	999.9	40.7	78.
44.8	106.4	11419.0	225.0	-55.2	99.9	295.0	37.2	33.8	-15.7	333.9	999.9	99.9	999.9	45.9	82.
47.6	111.8	12160.1	200.0	-61.1	99.9	293.7	32.5	29.7	-13.0	336.1	999.9	99.9	999.9	50.7	85.
51.2	117.8	12983.3	175.0	-63.7	99.9	295.9	29.6	26.6	-12.9	344.9	999.9	99.9	999.9	56.9	89.
54.4	124.5	13930.9	150.0	-64.6	99.9	279.4	30.3	29.9	-5.0	358.8	999.9	99.9	999.9	61.6	90.
59.4	131.7	15044.9	125.0	-66.0	99.9	276.9	25.9	25.7	-3.1	375.4	999.9	99.9	999.9	70.5	92.
65.0	139.3	16389.4	100.0	-68.2	99.9	283.8	22.2	21.5	-5.3	396.0	999.9	99.9	999.9	79.4	92.
72.3	147.3	18110.7	75.0	-68.0	99.9	300.0	5.2	4.5	-2.6	430.4	999.9	99.9	999.9	84.8	92.
82.0	156.0	20592.3	50.0	-62.1	99.9	291.3	3.0	2.8	-1.1	497.2	999.9	99.9	999.9	87.8	93.
99.0	165.7	24973.4	25.0	-53.1	99.9	105.4	3.6	-3.5	1.0	632.5	999.9	99.9	999.9	84.4	94.

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

STATION NO. 232
BOOTHVILLE, LA

25 APRIL 1975
515 GMT

165 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	1.0	1017.2	21.2	20.9	140.0	3.6	-2.3	2.8	295.0	334.9	15.5	98.0	0.0	0.
0.4	6.4	149.9	1000.0	22.3	21.7	163.5	13.6	-3.9	13.1	297.7	341.0	16.6	96.4	0.4	325.
1.2	8.8	371.0	975.0	21.5	20.9	168.3	13.0	-2.6	12.7	298.9	341.3	16.2	96.2	0.9	337.
2.0	11.1	596.5	950.0	19.8	19.1	174.2	13.6	-1.4	13.5	299.2	338.2	14.8	95.9	1.6	343.
2.9	13.6	826.6	925.0	18.6	17.3	179.2	12.2	-0.2	12.2	300.1	336.1	13.6	92.1	2.2	347.
3.8	15.9	1062.0	900.0	17.4	16.1	180.2	9.8	0.0	9.8	301.1	335.7	13.0	92.5	2.8	350.
4.6	18.5	1302.9	875.0	15.8	14.0	177.8	9.8	-0.4	9.7	301.8	333.0	11.6	89.2	3.3	351.
5.6	20.9	1549.1	850.0	15.5	7.0	177.1	10.5	-0.5	10.5	303.3	324.0	7.4	57.2	3.8	352.
6.5	23.6	1802.5	825.0	15.7	-7.1	176.2	10.4	-0.7	10.4	305.6	313.7	2.7	20.1	4.4	353.
7.4	26.1	2062.5	800.0	14.0	-3.2	177.7	12.0	-0.5	12.0	306.6	317.6	3.8	30.0	5.0	353.
8.5	28.9	2329.4	775.0	12.5	-8.4	178.8	11.4	-0.2	11.4	307.5	315.4	2.6	22.5	5.8	354.
9.5	31.7	2674.0	750.0	12.6	-35.2	180.5	10.1	0.1	10.1	310.3	311.6	0.4	3.2	6.4	354.
10.5	34.6	2887.9	725.0	12.1	-25.1	178.9	8.5	-0.2	8.5	312.8	315.1	0.7	5.7	7.0	355.
11.5	37.3	3180.6	700.0	10.8	-29.4	171.2	8.3	-1.3	8.2	314.5	316.1	0.5	4.1	7.5	355.
12.7	40.2	3482.0	675.0	8.5	-20.4	167.8	8.0	-1.7	7.8	315.3	318.9	1.1	10.8	8.1	355.
13.8	43.1	3791.9	650.0	5.6	-16.4	176.5	7.9	-0.5	7.9	315.5	320.5	1.6	17.8	8.6	354.
14.9	46.3	4111.3	625.0	3.3	-13.5	187.0	9.7	1.2	9.6	316.4	323.2	2.2	28.0	9.1	355.
16.1	49.4	4440.6	600.0	0.5	-12.9	195.5	9.4	2.5	9.0	317.0	324.4	2.4	35.6	9.8	356.
17.3	52.4	4780.5	575.0	-2.0	-19.3	213.1	8.6	4.7	7.2	317.8	322.5	1.4	25.2	10.4	357.
18.5	55.7	5132.4	550.0	-4.1	-20.9	229.1	8.7	6.6	5.7	319.3	323.6	1.3	25.6	10.9	360.
19.9	59.0	5497.3	525.0	-7.1	-19.8	259.2	9.0	8.8	1.7	320.0	324.9	1.5	35.4	11.2	3.
21.2	62.5	5876.1	500.0	-9.4	-31.2	272.4	10.5	10.5	-0.4	321.6	323.5	0.6	14.9	11.3	7.
22.7	66.0	6270.2	475.0	-12.1	-41.9	276.5	12.3	12.2	-1.4	323.0	323.7	0.2	6.2	11.4	12.
24.0	69.7	6681.4	450.0	-15.4	-37.4	275.8	14.3	14.3	-1.5	323.9	325.1	0.4	14.1	11.5	17.
25.5	73.3	7109.7	425.0	-19.2	-29.8	276.2	18.5	18.3	-2.0	324.4	327.0	0.8	38.3	11.9	24.
27.0	77.3	7558.5	400.0	-21.8	-38.3	278.1	21.0	20.8	-2.9	326.6	327.8	0.7	20.8	12.6	32.
28.6	81.3	8030.3	375.0	-25.4	-31.3	278.1	21.7	21.5	-3.1	328.0	330.6	0.7	57.4	13.5	40.
30.4	85.6	8527.8	350.0	-29.0	-34.8	282.2	19.7	19.3	-4.2	329.7	331.7	0.6	56.9	14.8	48.
32.3	89.8	9052.9	325.0	-33.3	-39.6	285.4	22.0	21.2	-5.8	330.7	332.0	0.4	52.9	16.2	54.
34.5	94.6	9609.7	300.0	-37.8	-46.3	290.9	24.7	23.1	-8.8	332.0	332.8	0.2	40.1	18.1	62.
36.6	99.2	10204.6	275.0	-42.0	99.9	288.5	26.9	25.5	-8.5	334.5	999.9	99.9	999.9	20.4	69.
39.0	104.3	10842.0	250.0	-47.0	99.9	281.4	32.0	31.3	-6.3	336.2	999.9	99.9	999.9	24.1	75.
41.7	110.0	11532.2	225.0	-52.4	99.9	289.9	32.5	30.6	-11.1	338.3	999.9	99.9	999.9	28.8	80.
44.5	115.8	12282.8	200.0	-58.7	99.9	293.1	36.0	33.1	-14.1	339.8	999.9	99.9	999.9	33.9	85.
47.5	122.3	13107.2	175.0	-65.7	99.9	296.0	39.9	35.8	-17.5	341.5	999.9	99.9	999.9	39.8	90.
50.6	129.3	14030.8	150.0	-69.6	99.9	288.9	28.6	27.0	-9.3	350.2	999.9	99.9	999.9	46.4	94.
54.8	137.0	15135.6	125.0	-64.8	99.9	265.3	27.1	27.0	2.2	377.7	999.9	99.9	999.9	53.8	94.
59.6	144.3	16477.3	100.0	-70.1	99.9	270.0	20.0	20.0	-0.2	392.4	999.9	99.9	999.9	60.0	94.
65.4	152.3	18182.2	75.0	-71.8	99.9	289.9	11.1	10.4	-3.8	422.3	999.9	99.9	999.9	64.2	94.
73.7	161.0	20639.2	50.0	-63.6	99.9	11.3	5.7	-1.1	-5.6	493.7	999.9	99.9	999.9	66.0	95.
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 CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

25 APRIL 1975
515 GMT

161 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	100.0	1003.8	23.9	20.8	200.0	6.2	2.1	5.8	298.8	339.9	15.7	83.0	0.0	0.
0.1	4.7	133.3	1000.0	23.2	21.0	196.0	10.9	3.0	10.5	298.5	340.0	15.9	87.3	0.2	9.
1.0	6.6	354.5	975.0	21.4	20.3	198.1	14.7	4.6	14.0	298.8	339.5	15.6	93.4	0.7	16.
1.7	8.9	579.8	950.0	19.4	18.5	201.0	16.5	5.9	15.4	298.8	336.4	14.3	94.4	1.4	18.
2.4	10.8	809.7	925.0	17.8	16.7	203.4	17.8	7.1	16.3	299.3	333.9	13.1	93.4	2.1	19.
3.2	13.0	1044.1	900.0	16.3	14.3	207.0	16.7	7.6	14.9	299.8	330.6	11.5	88.1	3.0	21.
4.1	15.2	1284.5	875.0	16.7	10.6	206.5	16.4	7.3	14.7	302.4	327.6	9.2	67.2	3.8	22.
5.0	17.3	1531.6	850.0	16.0	6.2	208.1	17.6	8.3	15.5	303.8	323.5	7.1	52.4	4.8	23.
6.0	19.5	1784.9	825.0	14.7	3.8	216.7	16.2	9.7	13.0	305.0	322.3	6.1	47.9	5.7	25.
6.9	21.8	2044.7	800.0	13.1	3.7	217.4	17.9	10.9	14.2	306.0	323.7	6.3	52.7	6.7	27.
7.9	24.3	2311.4	775.0	13.0	-9.1	217.4	16.0	9.7	12.7	308.1	315.6	2.5	20.6	7.7	28.
8.9	26.5	2597.1	750.0	13.5	-14.7	218.2	14.8	9.2	11.6	311.5	316.6	1.6	12.7	8.6	29.
9.9	29.0	2871.1	725.0	12.0	-15.4	216.5	14.4	8.6	11.6	312.8	317.8	1.6	13.1	9.4	30.
10.9	31.7	3163.4	700.0	9.5	-13.5	220.1	13.5	8.7	10.4	313.3	319.3	1.9	18.1	10.2	30.
12.0	34.4	3463.5	675.0	7.1	-14.5	224.2	14.6	10.2	10.5	313.8	319.6	1.8	19.7	11.1	31.
13.1	37.0	3772.2	650.0	4.7	-14.8	222.0	15.7	10.5	11.7	314.5	320.4	1.9	22.7	12.1	33.
14.1	39.3	4090.4	625.0	2.1	-13.6	225.0	17.0	12.0	12.0	315.1	321.8	2.1	30.0	13.1	33.
15.3	42.4	4418.8	600.0	-0.4	-14.0	238.5	17.9	15.2	9.4	316.0	322.7	2.2	34.7	14.3	35.
16.4	45.4	4757.4	575.0	-3.0	-16.5	253.0	15.3	14.7	4.5	316.6	322.5	1.8	34.4	15.3	37.
17.8	48.5	5108.0	550.0	-5.6	-20.3	268.4	15.8	15.8	0.4	317.6	322.1	1.4	30.1	16.2	40.
19.0	51.4	5470.7	525.0	-8.8	-20.8	272.8	17.2	17.2	-0.8	318.0	322.6	1.4	37.0	16.9	43.
20.1	54.6	5846.2	500.0	-12.5	-20.3	270.5	18.1	18.1	-0.2	318.0	322.9	1.5	51.8	17.8	46.
21.6	57.9	6235.3	475.0	-16.2	-20.5	268.5	19.2	19.2	0.5	318.0	323.1	1.6	69.4	19.0	50.
23.1	61.3	6639.3	450.0	-19.6	-25.7	263.4	18.9	18.8	2.2	318.6	322.6	1.2	69.7	20.5	53.
24.7	65.0	7064.4	425.0	-20.3	-37.8	249.7	19.6	18.4	6.8	322.9	324.1	0.3	19.1	22.1	54.
26.3	68.7	7510.9	400.0	-23.3	-40.3	256.7	18.5	18.0	4.2	324.6	325.6	0.3	19.3	23.9	56.
28.0	72.4	7979.6	375.0	-27.2	-43.4	254.5	19.4	18.7	5.2	325.5	326.3	0.2	19.6	25.7	57.
29.7	76.5	8472.7	350.0	-31.2	-46.7	256.2	19.4	18.8	4.6	326.6	327.2	0.2	19.9	27.6	58.
31.5	80.7	8993.3	325.0	-35.4	-40.8	263.1	21.6	21.7	2.6	327.9	329.1	0.3	57.2	29.5	60.
33.3	85.2	9545.8	300.0	-39.5	99.9	274.0	27.2	27.1	-1.9	329.7	999.9	99.9	999.9	31.9	62.
35.3	90.0	10134.8	275.0	-44.7	99.9	276.3	31.2	31.1	-3.4	330.4	999.9	99.9	999.9	34.9	66.
37.8	95.2	10765.2	250.0	-50.1	99.9	280.2	36.0	35.4	-6.4	331.7	999.9	99.9	999.9	39.3	69.
40.4	100.5	11446.5	225.0	-54.9	99.9	288.8	36.7	34.7	-11.8	334.4	999.9	99.9	999.9	44.2	74.
43.1	106.5	12191.4	200.0	-60.0	99.9	294.7	32.9	29.9	-13.7	337.8	999.9	99.9	999.9	48.8	78.
45.9	112.8	13014.6	175.0	-65.3	99.9	281.2	26.9	26.4	-5.2	342.2	999.9	99.9	999.9	53.2	81.
49.3	119.7	13946.0	150.0	-64.9	99.9	265.1	36.2	36.1	3.1	358.3	999.9	99.9	999.9	58.7	82.
53.3	127.5	15066.2	125.0	-63.5	99.9	274.9	29.4	29.3	-2.5	380.0	999.9	99.9	999.9	66.1	83.
58.0	136.0	16421.8	100.0	-67.2	99.9	283.6	21.6	20.9	-5.1	367.9	999.9	99.9	999.9	73.9	84.
63.7	144.0	18147.9	75.0	-67.4	99.9	275.5	12.5	12.5	-1.2	431.6	999.9	99.9	999.9	77.7	85.
72.0	152.3	20623.1	50.0	-59.8	99.9	24.3	5.2	-2.1	-4.8	502.8	999.9	99.9	999.9	78.9	86.
86.9	160.7	25028.9	25.0	-52.0	99.9	27.7	2.7	-1.2	-2.4	635.6	999.9	99.9	999.9	76.8	88.

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

344

STATION NO. 240
LAKE CHARLES, LA

25 APRIL 1975
515 GMT

161 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.5	5.0	1014.4	23.3	21.6	170.0	7.2	-1.3	7.1	297.4	339.6	16.2	90.0	0.0	0.
0.3	4.6	130.4	1000.0	22.5	21.6	169.5	11.7	-2.1	11.5	297.9	340.8	16.5	94.4	0.4	349.
1.0	6.4	351.1	975.0	20.9	20.0	173.9	11.3	-1.2	11.2	298.3	338.4	15.3	94.7	0.7	349.
1.7	8.4	576.3	950.0	19.4	18.5	187.4	11.5	1.5	11.4	298.8	336.4	14.3	94.5	1.2	353.
2.4	10.3	805.8	925.0	18.0	13.1	206.9	10.5	4.8	9.4	299.1	326.8	10.4	73.7	1.6	350.
3.2	12.3	1041.5	900.0	18.8	12.1	206.5	11.5	5.1	10.3	302.3	329.3	10.0	65.0	2.1	8.
4.0	14.4	1293.1	875.0	17.1	12.0	204.9	12.2	5.1	11.1	302.9	330.4	10.1	71.9	2.6	11.
4.9	16.4	1530.4	850.0	15.6	9.9	201.5	12.3	4.5	11.4	303.8	328.7	9.1	68.8	3.2	14.
5.7	18.6	1782.6	825.0	14.3	6.0	186.7	13.9	1.6	13.8	304.6	324.5	7.1	57.3	3.9	14.
6.5	20.7	2042.9	800.0	12.4	5.8	181.9	13.7	0.5	13.7	305.3	325.7	7.3	64.1	4.6	12.
7.4	22.9	2308.5	775.0	10.8	2.1	183.6	14.1	0.9	14.1	306.2	322.6	5.8	55.0	5.3	11.
8.3	25.2	2581.5	750.0	11.2	-23.0	186.4	16.0	1.8	15.9	308.9	312.1	1.0	9.4	6.1	10.
9.3	27.4	2864.6	725.0	11.8	-34.5	187.3	17.0	2.2	16.9	312.5	313.6	0.3	2.7	7.1	10.
10.4	29.8	3157.2	700.0	11.0	-24.4	196.4	17.3	4.9	16.6	314.8	317.3	0.8	6.4	8.2	10.
11.4	32.3	3459.4	675.0	9.5	-29.0	207.3	15.0	6.9	13.3	316.3	318.1	0.5	4.9	9.3	11.
12.6	34.9	3771.3	650.0	8.1	-25.1	228.4	10.9	8.1	7.2	318.2	320.9	0.8	7.9	10.1	13.
13.7	37.2	4093.1	625.0	5.2	-15.2	246.3	10.2	9.3	4.1	318.6	324.6	1.9	21.3	10.5	16.
14.8	39.9	4424.2	600.0	2.1	-14.0	252.4	10.1	9.6	3.0	318.8	325.6	2.2	29.2	10.9	19.
16.0	42.2	4765.7	575.0	-1.3	-13.5	249.5	10.9	10.2	3.8	318.8	326.2	2.3	38.9	11.4	22.
17.3	45.1	5117.6	550.0	-4.9	-12.9	254.1	10.6	10.2	2.9	318.6	326.7	2.6	53.3	11.9	25.
18.6	48.0	5481.1	525.0	-8.6	-16.2	260.2	11.1	10.9	1.9	318.3	324.8	2.0	53.9	12.5	28.
19.9	50.8	5857.6	500.0	-11.4	-23.0	270.5	12.9	12.9	-0.1	319.2	323.2	1.2	37.6	13.0	31.
21.1	53.8	6248.5	475.0	-14.9	-24.9	273.8	13.6	13.6	-0.9	319.6	323.1	1.1	41.7	13.5	35.
22.6	56.8	6655.4	450.0	-18.0	-31.0	273.2	17.8	17.7	-1.0	320.7	322.9	0.6	30.8	14.3	40.
24.1	60.0	7080.5	425.0	-20.2	-40.4	277.4	18.7	18.6	-2.4	323.1	324.0	0.3	14.4	15.3	45.
25.6	63.4	7528.4	400.0	-22.6	-58.1	273.3	23.0	23.0	-1.3	325.5	325.8	0.1	3.6	16.4	50.
27.0	66.6	7999.3	375.0	-25.6	-30.1	267.4	25.7	25.7	1.2	327.7	330.6	0.8	66.2	18.1	54.
28.5	70.3	8495.4	350.0	-29.6	-35.0	272.8	25.4	25.4	-1.2	328.9	330.8	0.6	59.2	20.2	58.
30.3	74.0	9020.2	325.0	-33.0	-43.7	279.5	26.7	26.3	-4.4	331.1	332.0	0.2	33.0	22.3	62.
32.3	78.0	9579.4	300.0	-36.8	-73.7	279.8	26.2	25.8	-4.5	333.3	333.4	0.0	1.0	24.8	67.
34.5	82.0	10174.7	275.0	-42.1	99.9	282.3	28.3	27.6	-6.0	334.2	999.9	99.9	999.9	27.9	71.
36.8	86.3	10812.7	250.0	-47.2	99.9	285.9	32.7	31.4	-9.0	335.6	999.9	99.9	999.9	31.5	75.
39.2	91.2	11501.4	225.0	-52.9	99.9	291.4	35.9	33.5	-13.1	337.5	999.9	99.9	999.9	35.9	80.
41.7	96.0	12251.2	200.0	-58.6	99.9	293.3	39.0	38.0	-9.0	340.0	999.9	99.9	999.9	40.7	83.
45.0	101.5	13078.3	175.0	-65.1	99.9	288.3	39.5	37.5	-12.4	342.4	999.9	99.9	999.9	48.1	87.
48.6	107.8	14009.4	150.0	-66.0	99.9	278.3	27.7	27.4	-4.0	356.4	999.9	99.9	999.9	56.0	90.
53.4	114.7	15125.1	125.0	-64.6	99.9	277.6	24.7	24.5	-3.2	378.1	999.9	99.9	999.9	63.3	90.
58.8	122.5	16472.1	100.0	-68.5	99.9	282.7	16.4	16.0	-3.6	395.4	999.9	99.9	999.9	70.6	90.
65.6	132.0	18173.6	75.0	-67.1	99.9	269.5	17.4	17.4	0.2	432.1	999.9	99.9	999.9	76.0	90.
74.9	143.0	20652.3	50.0	-62.9	99.9	288.0	3.6	3.4	-1.1	495.4	999.9	99.9	999.9	78.8	91.
90.6	157.0	25056.3	25.0	-50.4	99.9	334.4	4.5	1.9	-4.0	639.6	999.9	99.9	999.9	75.9	94.

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

STATION NO. 248
SHREVEPORT, LA

25 APRIL 1975
518 GMT

164 13.0 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	79.0	1002.7	23.3	18.4	180.0	6.2	0.0	6.2	298.0	333.4	13.4	74.0	0.0	0.
0.1	4.6	102.7	1000.0	23.3	19.1	187.9	8.8	1.2	8.7	298.3	335.4	14.1	77.6	0.1	2.
0.8	6.5	324.2	975.0	22.0	20.5	199.0	14.5	4.7	13.8	299.4	340.9	15.8	90.9	0.6	10.
1.7	6.7	550.3	950.0	20.6	19.4	207.2	18.3	8.3	16.3	300.1	340.1	15.2	93.1	1.4	18.
2.6	10.8	781.4	925.0	19.9	18.5	215.1	19.6	11.3	16.0	301.6	340.5	14.6	91.6	2.4	24.
3.3	13.0	1017.8	900.0	18.4	16.9	217.8	20.7	12.7	16.4	302.3	338.7	13.6	90.6	3.3	27.
4.3	15.3	1261.6	875.0	20.4	11.3	222.2	20.0	13.4	14.8	306.3	333.1	9.7	56.1	4.4	31.
5.2	17.6	1511.3	850.0	18.3	9.5	220.0	20.6	13.2	15.8	306.6	331.2	8.9	56.4	5.6	33.
6.2	20.0	1766.4	825.0	16.0	8.4	220.2	19.5	12.6	14.9	306.6	330.1	8.4	60.7	6.8	34.
7.3	22.3	2027.5	800.0	13.9	7.6	221.7	20.0	13.3	14.9	307.1	330.2	8.3	66.0	8.0	35.
8.2	24.8	2295.0	775.0	12.9	-1.9	227.7	21.1	15.6	14.2	308.2	320.9	4.3	36.1	9.2	36.
9.3	27.2	2570.3	750.0	13.3	-15.7	233.5	21.5	17.3	12.8	311.2	315.9	1.5	11.8	10.5	38.
10.5	29.9	2954.0	725.0	11.4	-18.5	234.7	21.1	17.2	12.2	312.1	316.0	1.2	10.5	12.0	40.
11.6	32.6	3145.7	700.0	9.3	-18.9	234.6	21.1	17.2	12.2	312.9	316.8	1.2	11.7	13.3	42.
12.7	35.3	3445.6	675.0	6.9	-15.8	232.8	23.1	18.4	13.9	313.6	318.8	1.6	17.9	14.8	43.
13.9	38.0	3754.1	650.0	5.1	-19.2	230.4	24.5	18.9	15.6	314.2	319.0	1.3	15.2	16.5	44.
15.1	40.8	4072.7	625.0	2.7	-21.2	234.8	22.0	18.0	12.7	315.7	319.4	1.1	15.2	18.2	45.
16.5	43.8	4401.5	600.0	0.6	-46.7	240.0	20.3	17.6	10.1	316.8	317.2	0.1	1.4	19.8	46.
17.8	46.8	4741.2	575.0	-1.9	-19.7	242.4	20.2	17.9	9.3	317.9	323.1	1.6	28.2	21.3	47.
18.9	49.9	5093.3	550.0	-4.6	-9.5	238.5	23.5	20.0	12.3	319.0	329.5	3.4	68.5	22.8	48.
20.0	52.9	5457.6	525.0	-7.9	-13.2	239.5	24.6	21.2	12.5	319.3	327.5	2.6	65.5	24.4	49.
21.3	56.0	5834.6	500.0	-11.3	-13.9	240.3	25.1	21.8	12.4	319.5	327.8	2.6	81.3	26.3	49.
22.6	59.4	6226.1	475.0	-14.6	-16.0	247.3	25.7	23.7	9.9	320.1	327.4	2.3	89.2	28.1	50.
23.9	63.0	6633.4	450.0	-17.7	-19.4	249.5	27.3	25.6	9.6	321.1	327.1	1.8	86.7	30.2	52.
25.4	66.6	7058.9	425.0	-21.0	-22.3	256.0	28.2	27.4	6.5	322.2	327.1	1.5	88.8	32.4	53.
27.2	70.4	7504.3	400.0	-23.9	-26.3	261.8	25.6	25.3	3.7	324.0	327.8	1.1	80.0	35.3	55.
29.2	74.2	7973.4	375.0	-26.1	-32.2	270.4	26.4	26.4	-0.2	327.1	329.5	0.7	55.8	37.8	58.
30.6	78.3	8468.8	350.0	-30.0	-36.5	275.7	25.3	25.1	-2.5	328.2	329.9	0.5	52.8	39.7	59.
31.5	82.5	8991.8	325.0	-34.8	-39.4	277.0	27.9	27.7	-3.4	328.6	330.0	0.4	62.9	40.6	61.
33.1	87.0	9546.0	300.0	-39.0	-47.2	284.6	29.3	28.3	-7.4	330.4	331.0	0.2	40.6	42.7	63.
35.3	92.0	10136.2	275.0	-44.0	99.9	290.2	23.9	22.5	-8.3	331.6	999.9	99.9	999.9	45.5	60.
37.6	96.8	10770.5	250.0	-48.3	99.9	280.2	39.2	38.6	-7.0	334.3	999.9	99.9	999.9	49.4	69.
40.4	102.3	11455.8	225.0	-54.0	99.9	280.6	45.0	44.2	-8.2	335.8	999.9	99.9	999.9	55.5	73.
43.5	108.3	12200.6	200.0	-60.6	99.9	279.7	48.7	48.0	-8.2	336.8	999.9	99.9	999.9	62.3	77.
46.6	114.7	13019.7	175.0	-66.3	99.9	276.7	51.2*	50.9	-6.0	340.5	999.9	99.9	999.9	68.8	80.
50.3	121.3	13948.5	150.0	-66.7	99.9	271.6	35.3*	35.3	-1.0	355.1	999.9	99.9	999.9	77.4	82.
54.7	129.0	15067.5	125.0	-64.1	99.9	266.3	27.6*	27.5	1.8	379.0	999.9	99.9	999.9	87.6	82.
59.8	137.0	16429.8	100.0	-65.4	99.9	268.6	28.6*	28.6	0.7	401.3	999.9	99.9	999.9	95.2	82.
65.7	145.0	18150.0	75.0	-71.0	99.9	274.3	20.6*	20.5	-1.5	424.0	999.9	99.9	999.9	100.8	83.
74.9	154.0	20636.6	50.0	-60.7	99.9	36.4	5.6	-3.3	-4.5	500.5	999.9	99.9	999.9	104.0	83.
89.2	162.7	25029.1	25.0	-53.8	99.9	334.2	2.2	1.0	-2.0	630.5	999.9	99.9	999.9	103.5	85.

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

STATION NO. 255
VICTORIA, TEX

25 APRIL 1975
515 GMT

157 32. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	33.0	1008.2	24.8	22.7	170.0	8.2	-1.4	8.1	299.6	345.4	17.5	88.0	0.0	0.
0.2	4.3	105.3	1009.0	25.4	24.0	999.9	99.9	99.9	99.9	301.1	351.5	19.2	92.0	999.9	999.
1.0	6.2	328.4	975.0	23.4	22.2	999.9	99.9	99.9	99.9	301.1	347.5	17.6	93.1	999.9	999.
1.7	8.3	555.8	950.0	22.0	20.8	178.4	15.5	-0.4	15.5	301.7	345.4	16.5	92.8	1.3	354.
2.4	10.3	788.0	925.0	20.7	19.3	955.9	99.9	99.9	99.9	302.5	343.9	15.5	92.1	999.9	999.
3.2	12.3	1024.8	900.0	18.3	17.0	999.9	99.9	99.9	99.9	302.2	339.0	13.7	92.2	999.9	999.
4.0	14.5	1267.6	875.0	20.3	7.9	999.9	99.9	99.9	99.9	305.9	327.5	7.7	44.8	999.9	999.
4.8	16.5	1517.1	850.0	18.5	5.5	185.6	20.5	2.0	20.4	306.4	325.4	6.7	42.5	4.4	0.
5.5	18.3	1772.2	825.0	17.1	-11.2	184.5	18.3	1.4	18.2	307.0	314.0	2.4	15.8	5.3	1.
6.4	21.0	2034.7	800.0	19.0	-38.3	186.2	15.7	1.7	15.6	311.4	312.0	0.2	1.0	6.2	2.
7.1	23.3	2305.8	775.0	17.5	-39.2	191.1	12.7	2.4	12.4	312.6	313.2	0.2	1.0	6.8	2.
7.9	25.6	2584.2	750.0	15.7	-40.3	199.9	11.7	4.0	11.0	313.7	314.2	0.1	1.0	7.4	3.
8.7	28.0	2870.1	725.0	14.3	-41.1	210.0	10.8	5.4	9.4	315.2	315.7	0.1	1.0	7.9	5.
9.6	30.6	3165.2	700.0	13.1	-41.9	228.8	8.2	6.2	5.4	317.0	317.5	0.1	1.0	8.3	7.
10.5	33.1	3469.2	675.0	11.1	-43.0	253.5	6.0	5.7	1.7	318.1	318.6	0.1	1.0	8.5	9.
11.5	35.6	3781.9	650.0	8.0	-18.5	255.4	6.5	6.3	1.6	318.2	322.9	1.4	13.9	8.6	11.
12.4	38.3	4103.6	625.0	5.1	-16.7	243.9	8.2	7.4	3.6	318.5	323.9	1.7	18.9	8.9	13.
13.5	40.8	4435.2	600.0	2.9	-22.7	231.7	10.9	8.6	6.8	319.4	322.8	1.0	13.2	9.3	16.
14.5	43.6	4777.6	575.0	-0.5	-8.3	234.1	11.2	9.1	6.6	319.9	330.9	3.6	55.4	9.9	18.
15.7	46.6	5131.1	550.0	-3.8	-10.2	244.2	13.2	11.9	5.8	319.9	329.9	3.2	61.1	10.5	21.
16.9	49.6	5496.8	525.0	-6.8	-11.5	257.5	15.9	15.5	3.4	320.6	330.1	3.0	69.3	11.3	25.
18.3	52.4	5875.8	500.0	-9.9	-17.8	274.0	15.7	15.7	-1.1	321.2	327.3	1.9	52.3	12.0	31.
19.6	55.5	6269.9	475.0	-12.4	-23.9	271.7	16.0	16.6	-0.5	322.8	326.7	1.2	37.7	12.6	36.
20.8	58.6	6681.1	450.0	-14.6	-32.0	267.3	17.8	17.8	0.8	324.9	327.1	0.6	23.4	13.4	40.
22.1	61.9	7111.3	425.0	-17.9	-37.8	269.2	18.7	18.7	0.3	325.9	327.2	0.3	15.6	14.3	45.
23.6	65.4	7562.1	400.0	-21.1	-27.9	264.0	18.9	18.8	2.0	327.6	330.9	1.0	54.3	15.6	49.
25.1	68.9	8035.4	375.0	-24.6	-33.4	266.1	17.6	17.6	1.2	329.0	331.1	0.6	43.7	17.0	52.
26.8	72.5	8534.6	350.0	-28.1	-37.3	275.4	20.6	20.5	-1.9	330.9	332.5	0.4	40.5	18.6	56.
28.7	76.5	9062.2	325.0	-32.3	-40.4	279.0	22.5	22.2	-3.5	332.2	333.4	0.3	43.5	20.5	60.
30.4	80.6	9621.5	300.0	-36.9	-43.7	273.9	23.6	23.6	-1.6	333.3	334.3	0.3	48.9	22.5	64.
32.3	85.0	10217.2	275.0	-42.1	99.9	270.6	27.4	27.4	-0.3	334.3	999.9	99.9	999.9	25.0	67.
34.4	89.4	10854.1	250.0	-48.0	99.9	273.4	28.2	28.1	-1.7	334.7	999.9	99.9	999.9	28.2	70.
36.5	94.4	11540.0	225.0	-53.6	99.9	283.9	31.6	30.7	-7.6	336.3	999.9	99.9	999.9	31.5	73.
39.0	99.5	12285.9	200.0	-60.2	99.9	285.2	34.6	33.4	-9.1	337.5	999.9	99.9	999.9	36.0	77.
41.8	105.3	13105.3	175.0	-67.0	99.9	282.8	40.0	39.0	-8.8	339.4	999.9	99.9	999.9	41.7	81.
44.9	111.5	14038.0	150.0	-63.7	99.9	271.4	23.5	23.5	-0.6	360.3	999.9	99.9	999.9	47.4	84.
48.5	118.7	15144.4	125.0	-68.9	99.9	273.2	27.5	27.4	-1.5	373.9	999.9	99.9	999.9	52.8	84.
53.3	127.0	16474.4	100.0	-72.7	99.9	273.9	22.5	22.4	-1.5	387.4	999.9	99.9	999.9	59.5	85.
59.6	137.0	18161.8	75.0	-72.7	99.9	248.7	8.7	8.1	3.2	420.6	999.9	99.9	999.9	63.6	85.
69.6	148.5	20622.3	50.0	-60.9	99.9	5.1	5.6	-0.5	-5.6	500.0	999.9	99.9	999.9	65.5	86.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 260
STEPHENVILLE, TEX

25 APRIL 1975
515 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	964.0	23.0	15.3	180.0	6.2	0.0	6.2	300.8	331.6	11.5	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	10.5	526.9	950.0	22.8	16.7	181.4	16.1	0.4	16.1	302.0	336.1	12.7	68.6	0.4	356.
1.1	13.1	759.5	925.0	22.0	16.3	187.6	17.6	2.3	17.4	303.6	338.0	12.7	69.9	1.1	0.
1.9	15.3	998.5	900.0	22.4	15.3	205.2	16.5	7.0	15.0	306.3	339.9	12.3	64.3	1.8	6.
2.7	17.7	1243.8	875.0	21.4	14.6	223.0	15.8	10.8	11.5	307.7	340.9	12.0	65.0	2.5	15.
3.5	20.2	1494.9	850.0	19.5	14.3	235.5	13.5	11.1	7.6	308.2	341.9	12.2	72.2	3.2	22.
4.3	22.5	1751.8	825.0	17.5	13.6	245.9	9.6	8.7	3.9	308.8	342.0	12.0	77.8	3.7	23.
5.2	25.1	2014.9	800.0	16.7	9.9	273.2	8.1	8.0	-0.4	310.2	337.4	9.7	64.3	3.9	33.
6.0	27.4	2284.9	775.0	14.6	6.0	293.0	8.8	8.1	-3.4	310.5	332.2	7.6	56.3	4.1	39.
6.9	30.1	2561.2	750.0	12.1	6.2	302.6	9.2	7.8	-5.0	310.8	333.5	8.0	67.2	4.2	45.
7.9	32.8	2844.4	725.0	9.2	5.6	299.6	10.1	8.8	-5.0	310.6	333.2	7.9	78.2	4.3	52.
8.8	35.4	3135.0	700.0	7.4	-0.9	286.7	11.9	11.4	-3.4	311.3	326.4	5.1	55.7	4.6	58.
9.5	38.1	3423.0	675.0	5.2	-15.0	268.9	13.7	13.7	0.3	311.7	317.3	1.8	21.9	5.1	64.
10.5	40.8	3741.7	650.0	6.2	-34.6	250.9	14.2	13.4	4.6	316.0	317.1	0.3	3.7	5.9	66.
11.5	43.6	4061.4	625.0	3.9	-37.3	241.6	12.4	11.0	5.9	316.9	317.7	0.2	3.0	6.7	65.
12.4	46.6	4390.9	600.0	0.8	-38.5	245.2	11.0	10.0	4.6	317.1	317.9	0.2	3.3	7.4	65.
13.5	49.6	4730.7	575.0	-2.1	-39.7	258.9	11.0	10.8	2.1	317.5	318.2	0.2	3.6	8.1	65.
14.7	52.5	5081.9	550.0	-4.9	-33.2	270.0	11.8	11.8	0.0	318.3	319.8	0.4	8.8	8.8	67.
15.9	55.6	5445.8	525.0	-7.5	-30.0	271.7	15.9	15.9	-0.5	319.4	321.4	0.6	14.6	9.6	69.
17.0	58.7	5823.4	500.0	-10.1	-43.5	267.3	19.3	19.3	0.9	320.7	321.3	0.2	4.4	10.9	72.
18.2	62.3	6216.7	475.0	-12.8	-42.8	262.8	19.8	19.7	2.5	322.1	322.7	0.2	6.0	12.2	73.
19.6	65.4	6626.6	450.0	-16.1	-49.3	253.9	21.7	21.4	3.8	323.0	323.3	0.1	3.8	13.9	74.
20.9	68.9	7054.1	425.0	-19.1	-50.9	265.2	21.6	21.5	1.8	324.4	324.7	0.1	4.1	15.6	75.
22.2	72.3	7502.1	400.0	-22.8	-52.8	271.5	21.5	21.5	-0.5	325.4	325.6	0.1	4.5	17.2	76.
23.6	76.0	7971.3	375.0	-26.9	-55.1	270.5	23.1	23.1	-0.2	325.9	326.2	0.1	4.9	19.1	78.
25.1	80.0	8464.4	350.0	-31.4	-57.8	269.5	26.5	26.5	0.2	326.4	326.5	0.0	5.4	21.2	79.
26.6	83.5	8986.4	325.0	-34.4	-59.6	273.1	27.3	27.3	-1.5	329.1	329.3	0.0	5.7	23.6	80.
28.4	87.5	9541.1	300.0	-38.7	-62.4	273.2	30.5	30.4	-1.7	330.8	330.9	0.0	6.1	26.7	82.
30.5	92.3	10133.4	275.0	-41.9	99.9	275.6	36.5	36.4	-3.6	334.5	999.9	99.9	999.9	30.3	83.
33.5	96.6	10772.1	250.0	-46.8	99.9	270.5	40.6	40.6	-0.3	336.6	999.9	99.9	999.9	37.9	86.
36.7	101.6	11461.9	225.0	-52.7	99.9	270.0	45.0	45.0	-0.0	337.7	999.9	99.9	999.9	45.4	86.
39.5	107.0	12212.9	200.0	-58.5	99.9	270.9	45.6	45.6	-0.7	340.1	999.9	99.9	999.9	53.5	87.
42.3	112.6	13039.7	175.0	-64.7	99.9	271.8	46.5	46.5	-1.5	343.2	999.9	99.9	999.9	60.6	87.
45.5	119.0	13976.1	150.0	-64.4	99.9	267.4	22.4	22.4	1.0	359.2	999.9	99.9	999.9	67.8	88.
49.4	125.3	15090.1	125.0	-65.5	99.9	269.0	35.5	35.5	0.6	376.5	999.9	99.9	999.9	75.8	88.
53.6	133.7	16454.5	100.0	-64.7	99.9	283.2	14.2	13.8	-3.2	402.7	999.9	99.9	999.9	80.4	89.
58.6	141.7	18177.7	75.0	-69.5	99.9	269.4	13.4	13.4	0.1	427.3	999.9	99.9	999.9	84.0	88.
66.6	150.3	20679.6	50.0	-56.3	99.9	311.2	8.3	6.3	-5.5	506.2	999.9	99.9	999.9	86.4	89.
80.1	160.0	25092.0	25.0	-53.9	99.9	40.5	3.9	-2.5	-2.9	629.8	999.9	99.9	999.9	85.8	91.

* BY SPEED MEANS ELEVATION 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

25 APRIL 1975
515 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	314.0	972.6	26.3	16.8	130.0	5.1	-3.9	3.3	303.6	337.4	12.5	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	96.9	99.9	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	10.9	522.5	950.0	27.6	15.1	133.2	14.0	-10.2	9.6	306.8	338.3	11.4	46.3	0.6	304.
1.7	13.1	758.5	925.0	26.3	13.5	139.5	11.3	-7.3	8.6	307.6	337.1	10.6	45.4	1.2	312.
2.5	15.5	999.9	900.0	24.9	12.9	139.2	8.7	-5.7	6.6	308.6	337.8	10.5	47.2	1.7	314.
3.5	17.9	1244.5	875.0	23.0	12.5	152.8	6.9	-3.2	6.1	309.1	338.3	10.5	51.7	2.2	316.
4.4	20.3	1498.5	850.0	21.0	10.8	168.9	9.1	-1.8	8.9	309.4	336.5	9.6	52.0	2.6	320.
5.3	22.7	1756.3	825.0	19.3	7.7	169.4	7.4	-1.4	7.3	310.1	332.9	8.0	46.7	3.0	325.
6.4	25.4	2020.1	800.0	17.3	3.4	144.2	2.6	-1.5	2.1	310.4	328.1	6.1	39.6	3.3	326.
7.4	27.9	2290.9	775.0	17.5	-0.6	280.0	1.3	1.3	-0.2	313.3	327.4	4.7	29.2	3.3	326.
8.5	30.6	2570.3	750.0	15.8	-0.5	254.2	4.0	3.8	1.1	314.4	329.1	4.9	32.9	3.2	330.
9.7	33.3	2854.7	725.0	13.2	-4.4	251.9	5.2	4.9	1.6	314.4	325.9	3.8	29.1	3.2	336.
10.9	35.9	3150.4	700.0	10.7	-7.9	245.1	7.2	7.2	0.6	314.7	324.0	3.0	26.1	3.1	343.
12.0	38.8	3452.3	675.0	9.2	-14.5	266.3	11.0	11.0	0.7	316.2	322.1	1.8	17.1	3.0	354.
13.2	41.4	3743.6	650.0	6.9	-16.7	261.6	13.4	13.2	2.0	317.0	322.1	1.6	16.5	3.2	11.
14.5	44.1	4083.9	625.0	3.9	-19.0	265.2	13.8	13.8	1.1	317.1	321.5	1.4	16.7	3.6	27.
15.7	47.4	4413.4	600.0	0.9	-23.8	267.2	14.0	14.0	0.7	317.2	320.3	0.9	13.7	4.3	40.
17.0	50.4	4754.0	575.0	-1.2	-25.3	268.0	14.0	14.0	0.5	318.7	321.5	0.8	13.9	5.1	49.
18.3	53.4	5106.4	550.0	-3.7	-27.2	271.0	14.7	14.7	-0.4	319.7	322.2	0.7	14.1	5.9	56.
19.6	56.4	5472.3	525.0	-5.8	-28.8	264.6	15.5	15.5	1.5	321.5	323.8	0.7	14.3	7.0	51.
20.9	59.6	5852.0	500.0	-9.0	-31.1	269.7	14.7	14.7	0.1	322.1	324.1	0.6	14.5	8.0	64.
22.3	63.0	6247.7	475.0	-10.6	-32.4	269.3	13.5	13.5	0.2	324.9	326.7	0.5	14.7	9.1	68.
23.7	66.4	6661.1	450.0	-14.1	-35.0	258.6	13.5	13.2	2.7	325.5	327.1	0.4	15.0	10.1	70.
25.2	70.0	7092.0	425.0	-17.3	-33.8	257.4	15.6	15.2	3.4	326.8	328.6	0.5	22.1	11.5	76.
26.7	73.4	7543.5	400.0	-21.1	-33.4	264.0	16.3	16.2	1.7	327.5	329.5	0.6	32.7	12.9	72.
28.3	77.3	8017.0	375.0	-24.0	-34.9	266.7	18.2	18.2	1.0	329.8	331.7	0.5	36.3	14.4	73.
30.0	81.0	8516.7	350.0	-27.8	-35.7	270.7	23.7	23.7	-0.3	331.3	333.1	0.5	40.3	16.5	75.
31.4	85.1	9045.9	325.0	-31.2	-37.9	268.2	25.3	25.3	0.8	333.6	335.2	0.4	51.3	19.1	77.
33.7	89.3	9606.8	300.0	-36.3	-41.0	268.6	27.1	27.1	0.7	334.2	335.5	0.3	61.2	22.2	79.
35.8	94.0	10203.6	275.0	-41.3	99.9	266.7	29.8	29.8	2.3	335.4	999.9	99.9	99.9	25.6	80.
38.0	98.6	10842.9	250.0	-47.2	99.9	257.7	28.7	28.0	6.1	335.9	999.9	99.9	99.9	29.5	80.
40.3	103.6	11531.8	225.0	-52.9	99.9	264.4	31.1	31.0	3.0	337.5	999.9	99.9	99.9	33.6	80.
42.5	109.0	12272.7	200.0	-60.3	99.9	264.5	32.0	31.8	3.1	337.3	999.9	99.9	99.9	38.2	81.
45.3	114.7	13097.5	175.0	-67.4	99.9	258.4	34.1	33.4	6.9	338.7	999.9	99.9	99.9	43.8	81.
48.5	121.0	14014.7	150.0	-70.2	99.9	276.3	34.7	34.5	-3.8	349.3	999.9	99.9	99.9	50.6	81.
52.3	128.0	15116.5	125.0	-65.4	99.9	271.4	31.3	31.3	-0.8	376.6	999.9	99.9	99.9	57.2	82.
57.0	135.8	16461.9	100.0	-70.2	99.9	287.1	13.4	12.8	-3.9	392.2	999.9	99.9	99.9	63.4	84.
62.4	143.7	18152.0	75.0	-70.3	99.9	250.0	2.1	2.0	0.7	425.6	999.9	99.9	99.9	66.3	84.
71.3	152.7	20606.2	50.0	-60.1	99.9	194.7	1.1	0.3	1.1	501.9	999.9	99.9	99.9	67.7	84.
85.2	162.5	24997.5	25.0	-53.8	99.9	39.9	6.0	-3.9	-4.6	630.1	999.9	99.9	99.9	66.5	87.

* BY SPEED MEANS ELEVATION 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

25 APRIL 1975
517 GMT

151 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	873.0	911.6	15.4	-0.4	140.0	3.1	-2.0	2.4	256.8	308.3	4.1	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	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	12.6	984.8	900.0	26.4	-2.0	999.9	99.9	99.9	99.9	309.2	320.2	3.7	15.3	999.9	99.9
1.3	14.7	1232.6	875.0	25.9	-2.3	999.9	99.9	99.9	99.9	311.3	322.3	3.7	15.4	999.9	99.9
2.2	16.6	1486.4	850.0	24.1	-3.6	222.9	3.3	2.2	2.4	311.9	322.3	3.4	15.5	0.3	348.
3.2	18.9	1745.7	825.0	21.8	-5.4	235.4	4.4	3.6	2.5	312.0	321.4	3.1	15.7	0.5	15.
4.1	20.9	2011.0	800.0	19.4	-7.1	236.5	5.5	4.6	3.0	312.2	320.7	2.8	15.8	0.7	29.
5.0	23.3	2282.4	775.0	16.8	-8.2	247.2	6.8	6.3	2.6	312.2	320.3	2.7	17.2	1.0	40.
5.8	25.5	2560.2	750.0	14.3	-10.2	241.5	8.5	7.5	4.1	312.4	317.6	2.3	17.3	1.3	48.
6.8	27.8	2844.8	725.0	12.4	-11.5	231.1	13.1	10.2	8.2	313.4	320.2	2.2	17.6	2.0	50.
7.8	30.2	3137.4	700.0	9.9	-13.1	233.1	13.7	10.9	8.2	313.7	319.9	2.0	18.3	2.8	50.
8.9	32.7	3437.8	675.0	7.2	-17.2	241.5	10.8	9.5	5.2	313.9	318.6	1.5	15.6	3.7	52.
10.0	35.3	3746.9	650.0	5.1	-19.0	249.2	9.5	8.9	3.4	314.8	317.1	1.3	15.5	4.3	54.
11.2	37.7	4065.4	625.0	2.4	-17.5	259.4	11.4	11.2	2.1	315.4	320.3	1.5	21.3	4.9	56.
12.4	40.3	4393.1	600.0	-1.1	-18.3	264.7	13.6	13.5	1.3	315.0	319.8	1.5	25.5	5.7	61.
13.6	42.9	4730.3	575.0	-4.5	-20.1	265.8	15.6	15.5	1.2	314.9	319.2	1.3	26.3	6.8	64.
14.9	45.8	5080.3	550.0	-4.9	-28.6	276.0	12.0	11.9	-1.3	318.3	320.5	0.6	13.5	7.8	68.
16.3	48.7	5444.1	525.0	-7.7	-30.1	281.6	11.5	11.3	-2.3	319.2	321.2	0.6	14.5	8.6	71.
17.7	51.5	5821.6	500.0	-10.0	-33.8	288.5	13.2	12.5	-4.2	320.8	322.4	0.4	12.2	9.5	75.
19.0	54.6	6215.4	475.0	-12.6	-35.7	281.0	12.9	12.6	-2.6	322.3	323.7	0.4	12.4	10.4	78.
20.4	57.6	6625.1	450.0	-16.2	-38.1	282.1	14.3	14.0	-3.0	322.8	324.0	0.3	13.0	11.3	80.
21.7	60.9	7052.2	425.0	-19.9	-40.4	277.9	15.2	15.0	-2.1	323.4	324.4	0.3	14.1	12.5	82.
23.3	64.4	7498.6	400.0	-23.7	-43.3	272.3	16.8	16.8	-0.7	324.2	324.9	0.2	14.4	13.9	83.
24.9	67.7	7967.0	375.0	-27.1	-44.8	269.9	19.5	19.5	0.0	325.6	326.3	0.2	16.8	15.7	84.
26.8	71.3	8460.0	350.0	-31.0	-48.6	274.8	21.8	21.7	-1.8	326.8	327.3	0.1	15.7	18.1	85.
29.0	75.3	8980.9	325.0	-35.3	-51.0	270.6	24.0	24.0	-0.2	328.0	328.4	0.1	18.0	21.0	86.
30.9	79.3	9534.7	300.0	-38.7	99.9	269.0	30.2	30.2	0.5	330.8	999.9	99.9	99.9	24.0	87.
33.1	83.6	10126.8	275.0	-43.4	99.9	270.7	34.5	34.5	-0.4	332.4	999.9	99.9	99.9	28.4	87.
35.8	88.0	10760.9	250.0	-48.0	99.9	266.1	35.7	35.7	2.5	334.7	999.9	99.9	99.9	34.1	87.
38.5	93.0	11446.0	225.0	-54.3	99.9	263.4	37.1	36.9	4.3	335.2	999.9	99.9	99.9	39.8	87.
41.0	98.3	12148.7	200.0	-61.2	99.9	263.9	36.6	36.4	3.9	335.9	999.9	99.9	99.9	45.5	86.
43.3	104.0	13002.3	175.0	-68.2	99.9	270.0	37.4	37.4	-0.0	337.4	999.9	99.9	99.9	50.7	87.
46.0	110.5	13942.1	150.0	-64.8	99.9	274.6	30.7	30.6	-2.5	338.5	999.9	99.9	99.9	56.5	87.
50.2	117.5	15054.5	125.0	-65.4	99.9	255.1	25.2	24.3	6.5	376.6	999.9	99.9	99.9	62.9	87.
55.4	126.0	16393.7	100.0	-68.9	99.9	273.2	25.9	25.8	-1.4	394.7	999.9	99.9	99.9	70.9	86.
62.1	136.0	18126.1	75.0	-69.8	99.9	232.2	6.6	5.2	4.0	426.7	999.9	99.9	99.9	76.8	87.
72.7	146.0	20605.6	50.0	-58.2	99.9	323.8	8.6	5.1	-7.0	506.3	999.9	99.9	99.9	80.1	97.
91.3	157.3	25016.9	25.0	-54.0	99.9	8.2	4.7	-0.7	-4.6	629.8	999.9	99.9	99.9	80.2	90.

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

STATION NO. 304
 MATTERAS, NC

25 APRIL 1975
 515 GNT

158 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	4.0	1017.6	20.3	16.3	230.0	7.2	5.5	4.6	293.5	323.6	11.6	78.0	0.0	0.
0.5	5.7	155.1	1000.0	20.2	15.0	222.8	23.4	15.9	17.1	294.8	323.0	10.8	72.2	0.6	44.
1.2	7.8	373.6	975.0	19.0	14.1	224.0	23.4	16.3	16.8	295.7	323.2	10.4	72.9	1.5	44.
2.0	9.9	556.4	950.0	17.2	10.5	224.0	25.7	17.8	18.4	295.8	318.2	8.4	64.4	2.6	44.
2.8	11.9	823.8	925.0	16.0	7.0	229.1	25.7	19.4	16.8	296.6	315.1	6.8	55.1	3.8	44.
3.5	14.2	1056.4	900.0	15.5	-0.8	238.0	23.6	20.0	12.5	298.0	309.4	4.0	32.9	4.9	46.
4.2	16.2	1295.2	875.0	15.2	3.1	245.2	22.0	20.5	7.8	300.3	315.6	5.5	44.1	5.9	49.
5.0	18.5	1540.1	850.0	13.3	5.1	259.7	20.2	19.9	3.6	300.5	319.1	6.6	58.2	6.8	53.
5.8	20.9	1791.2	825.0	12.2	6.4	265.4	20.8	20.7	1.6	302.5	322.8	7.3	67.4	7.6	57.
6.6	23.2	2048.3	800.0	9.7	6.7	267.2	21.4	21.4	1.0	302.5	323.7	7.7	81.6	8.5	60.
7.4	25.3	2311.6	775.0	7.6	6.5	273.5	19.2	19.1	-1.2	303.0	324.9	7.9	92.9	9.4	63.
8.2	27.9	2581.8	750.0	6.4	4.5	274.1	17.6	17.6	-1.3	304.4	324.2	7.1	87.6	10.1	66.
9.2	30.6	2859.6	725.0	4.7	1.6	269.7	15.4	15.4	0.1	305.4	322.3	6.0	80.6	11.0	68.
10.1	33.2	3145.6	700.0	3.9	-0.8	265.2	12.6	12.6	1.1	307.4	322.3	5.2	71.2	11.8	69.
11.0	35.8	3440.7	675.0	2.0	-5.4	262.3	13.1	12.9	1.8	308.4	319.6	3.8	58.1	12.4	70.
11.9	38.4	3744.4	650.0	0.3	-11.3	255.8	15.3	14.8	3.7	309.6	317.2	2.5	44.8	13.1	71.
13.0	41.1	4058.1	625.0	-0.7	-25.1	251.7	17.4	16.5	5.4	311.7	314.3	0.8	13.6	14.2	71.
14.0	43.9	4382.4	600.0	-3.3	-27.0	256.7	20.0	19.5	4.6	312.3	314.6	0.7	13.9	15.3	71.
15.0	47.0	4717.3	575.0	-6.1	-12.0	261.6	19.3	19.1	2.8	313.1	321.3	2.7	63.1	16.6	72.
16.1	50.0	5064.4	550.0	-8.0	-20.2	260.0	16.6	16.4	2.9	314.7	319.2	1.4	36.9	17.7	72.
17.2	53.0	5423.4	525.0	-11.6	-21.2	259.3	17.7	17.3	3.3	314.6	318.8	1.3	44.6	18.8	73.
18.3	56.0	5756.9	500.0	-12.8	-57.7	263.7	17.8	17.7	1.9	317.4	317.5	0.0	1.0	19.9	73.
19.5	59.4	6186.4	475.0	-15.0	-57.5	272.9	16.6	16.6	-0.8	319.4	319.5	0.0	1.3	21.3	74.
20.8	62.9	6593.5	450.0	-17.7	-57.7	277.4	16.6	16.4	-2.1	320.9	321.0	0.0	1.6	22.4	75.
22.3	66.1	7017.9	425.0	-21.4	-58.4	272.4	18.2	18.2	-0.7	321.5	321.6	0.0	2.0	23.8	76.
23.6	69.9	7461.5	400.0	-25.1	-59.6	268.0	17.9	17.8	0.6	322.2	322.4	0.0	2.4	25.3	77.
25.0	73.6	7927.3	375.0	-28.5	-60.8	270.2	16.9	16.9	-0.0	323.8	323.9	0.0	2.7	26.7	78.
26.7	77.7	8417.8	350.0	-32.3	-62.5	267.6	16.0	16.0	0.7	325.1	325.2	0.0	3.2	28.3	78.
28.6	81.7	8936.4	325.0	-36.3	-64.5	263.8	17.6	17.5	1.9	326.6	326.7	0.0	3.6	30.1	79.
30.3	85.9	9486.6	300.0	-40.5	99.9	252.0	17.6	16.7	5.8	328.4	999.9	99.9	99.9	32.1	79.
32.1	90.4	10072.9	275.0	-45.6	99.9	244.9	16.9	15.3	7.2	329.3	999.9	99.9	99.9	34.0	78.
34.1	95.3	10700.2	250.0	-51.3	99.9	243.5	16.3	14.5	7.3	329.8	999.9	99.9	99.9	35.8	77.
36.2	100.4	11375.3	225.0	-57.3	99.9	243.5	17.0	15.2	7.6	330.7	999.9	99.9	99.9	37.7	77.
38.4	106.0	12111.6	200.0	-62.8	99.9	257.6	14.9	14.5	3.2	333.3	999.9	99.9	99.9	39.9	76.
40.7	112.0	12926.5	175.0	-66.6	99.9	275.9	21.2	21.1	-2.2	340.0	999.9	99.9	99.9	42.1	77.
43.4	118.5	13864.6	150.0	-61.6	99.9	285.1	23.8	23.0	-6.2	364.0	999.9	99.9	99.9	45.6	79.
47.0	125.8	14999.6	125.0	-60.4	99.9	289.1	31.0	29.3	-10.1	385.7	999.9	99.9	99.9	51.0	81.
51.4	134.0	16372.0	100.0	-64.4	99.9	279.5	18.2	17.9	-3.0	403.4	999.9	99.9	99.9	56.1	85.
56.7	141.7	18119.8	75.0	-66.8	99.9	257.1	8.7	8.5	1.9	432.8	999.9	99.9	99.9	59.6	85.
64.6	150.0	20605.1	50.0	-61.1	99.9	50.8	2.8	-2.2	-1.8	499.5	999.9	99.9	99.9	60.7	87.
76.6	158.7	25002.5	25.0	-53.5	99.9	54.4	0.5	-0.5	0.0	631.3	999.9	99.9	99.9	59.2	88.

* BY SPEED MEANS ELEVATION 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. 311
ATHENS, GA

25 APRIL 1975
600 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E PJT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	246.0	987.5	18.9	16.7	210.0	3.1	1.5	2.7	294.7	326.5	12.2	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	999.9
0.4	8.3	355.7	975.0	18.5	15.6	248.5	15.3	13.9	2.4	295.3	325.5	11.6	83.6	0.3	33.
1.2	10.5	579.6	950.0	19.0	15.9	242.6	17.1	15.2	7.9	298.1	330.0	12.1	82.0	0.9	54.
2.1	12.7	808.9	925.0	17.5	15.1	244.8	18.0	16.3	7.7	298.7	329.9	11.8	85.9	1.9	55.
2.9	15.0	1043.1	900.0	16.4	13.2	252.6	16.1	15.4	4.8	299.8	328.4	10.7	81.2	2.7	61.
3.7	17.1	1283.6	875.0	16.0	10.0	256.5	12.7	12.4	3.0	301.5	325.7	8.9	67.8	3.4	65.
4.6	19.5	1529.9	850.0	14.4	8.7	251.9	11.3	10.8	3.5	302.3	325.3	8.4	68.9	4.0	66.
5.5	21.8	1781.7	825.0	12.6	8.1	251.8	8.8	8.4	2.8	303.0	325.7	8.3	74.0	4.6	67.
6.5	24.3	2039.6	800.0	10.4	7.5	253.6	8.2	7.9	2.3	303.4	325.9	8.2	82.0	5.1	67.
7.5	26.6	2303.8	775.0	8.6	6.7	255.9	7.4	7.2	1.8	304.1	326.3	8.0	67.6	5.6	68.
8.6	29.2	2575.2	750.0	8.1	1.2	281.2	5.3	5.2	-1.0	306.1	322.0	5.6	61.7	5.9	69.
9.5	31.8	2854.6	725.0	6.3	-1.4	288.8	5.2	4.9	-1.7	307.0	320.8	4.8	57.9	6.1	71.
10.5	34.4	3142.4	700.0	6.2	-9.3	281.3	8.4	8.3	-1.7	309.7	317.9	2.7	32.0	6.4	72.
11.6	37.0	3439.6	675.0	5.2	-18.1	278.7	12.6	12.4	-1.9	311.6	315.9	1.4	16.6	7.1	75.
12.6	39.8	3746.2	650.0	2.6	-20.1	278.2	13.7	13.6	-1.2	312.1	315.9	1.2	16.8	7.8	77.
13.7	42.4	4061.8	625.0	0.2	-22.0	278.3	13.9	13.8	-1.5	312.8	316.2	1.0	17.0	8.8	79.
15.0	45.3	4387.7	600.0	-1.8	-23.5	284.7	14.7	14.2	-3.7	314.1	317.2	1.0	17.1	9.7	81.
16.2	48.3	4724.5	575.0	-4.5	-22.6	289.1	16.8	15.9	-5.5	314.8	318.3	1.1	22.6	10.8	84.
17.5	51.0	5072.3	550.0	-7.8	-23.5	288.2	18.3	17.4	-5.7	314.9	318.2	1.0	26.9	12.0	87.
18.7	54.1	5431.9	525.0	-10.7	-33.6	288.3	16.1	15.3	-5.1	315.6	317.0	0.4	13.2	13.2	89.
20.1	57.1	5806.1	500.0	-12.6	-35.0	287.5	14.1	13.4	-4.2	317.7	319.0	0.4	13.3	14.4	90.
21.4	60.4	6197.2	475.0	-13.9	-36.0	283.5	14.3	13.9	-3.3	320.7	322.6	0.4	13.4	15.5	91.
22.8	63.9	6605.3	450.0	-17.0	-38.3	276.8	12.8	12.7	-1.5	321.8	322.9	0.3	13.7	16.6	92.
24.3	67.1	7030.8	425.0	-21.0	-41.3	272.4	13.0	13.0	-0.5	322.0	322.9	0.2	14.0	17.9	92.
25.8	70.6	7475.6	400.0	-24.7	-44.2	269.5	14.6	14.6	0.1	322.2	323.5	0.2	14.3	19.0	92.
27.3	74.3	7941.3	375.0	-28.9	-47.4	268.8	18.1	18.1	0.4	323.3	323.9	0.1	14.7	20.5	92.
29.0	78.2	8430.5	350.0	-33.3	-50.8	271.8	18.8	18.8	-0.6	323.8	324.2	0.1	15.1	22.2	92.
30.7	82.0	8947.1	325.0	-37.1	-53.9	276.0	21.5	21.4	-2.2	325.4	325.7	0.1	15.4	24.3	92.
32.7	86.0	9496.4	300.0	-40.9	-59.9	280.9	21.2	20.8	-4.0	327.7	999.9	99.9	999.9	26.9	93.
34.8	90.5	10082.8	275.0	-45.3	-59.9	284.9	22.4	21.6	-5.7	329.7	999.9	99.9	999.9	29.3	94.
37.2	95.3	10712.4	250.0	-50.3	-59.9	293.7	25.9	23.8	-10.4	331.3	999.9	99.9	999.9	33.1	95.
39.5	100.2	11391.0	225.0	-56.1	-59.9	298.4	24.3	21.3	-11.6	332.5	999.9	99.9	999.9	36.3	97.
42.0	105.4	12131.0	200.0	-61.3	-59.9	303.9	30.6	25.4	-17.1	335.7	999.9	99.9	999.9	40.1	99.
45.1	111.2	12951.6	175.0	-65.2	-59.9	308.8	30.2	23.5	-18.9	342.4	999.9	99.9	999.9	45.2	103.
48.6	117.5	13887.3	150.0	-63.6	-59.9	284.0	30.1	29.3	-7.3	360.5	999.9	99.9	999.9	51.2	105.
52.7	124.8	15014.9	125.0	-61.9	-59.9	275.7	29.3	29.2	-2.9	383.0	999.9	99.9	999.9	58.0	104.
57.2	132.7	16388.9	100.0	-65.9	-59.9	254.9	13.7	13.2	3.6	400.5	999.9	99.9	999.9	63.3	103.
63.0	141.3	18125.4	75.0	-68.5	-59.9	281.3	8.3	8.2	-1.6	429.3	999.9	99.9	999.9	67.4	103.
71.1	151.3	20603.7	50.0	-62.5	-59.9	280.0	7.4	7.3	-1.3	496.3	999.9	99.9	999.9	69.4	103.
83.5	161.5	24975.1	25.0	-54.2	-59.9	80.8	4.4	-4.3	-6.7	629.0	999.9	99.9	999.9	68.2	104.

* BY SPEED MEANS ELEVATION 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. 317
GREENSBORO, NC

25 APRIL 1975
615 GHT

147 55. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	275.0	982.8	21.1	16.5	210.0	5.1	2.5	4.4	297.3	329.3	12.1	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.
0.3	8.6	344.1	975.0	20.5	12.9	229.4	11.9	9.0	7.7	297.1	322.8	9.7	61.9	0.3	41.
1.0	10.8	568.3	950.0	19.0	12.7	236.1	14.6	12.1	8.1	297.8	323.8	9.8	66.6	0.7	47.
1.9	13.2	757.1	925.0	17.1	12.4	246.1	18.5	16.9	7.5	298.1	324.4	9.8	73.6	1.5	55.
2.7	15.5	1031.3	900.0	16.4	11.5	254.2	20.7	19.9	5.6	299.7	325.4	9.5	72.6	2.5	61.
3.4	17.8	1271.0	875.0	15.4	10.0	258.5	16.1	15.8	3.2	300.9	325.1	8.9	70.5	3.3	65.
4.3	20.3	1516.5	850.0	13.5	9.8	268.1	13.6	13.6	0.4	301.4	324.3	8.4	73.2	4.0	68.
5.1	22.7	1767.6	825.0	11.5	8.8	279.2	16.6	16.4	-2.6	301.9	325.6	8.7	83.6	4.7	72.
6.0	25.3	2024.7	800.0	9.8	6.6	290.6	17.9	16.7	-6.3	302.6	323.8	7.7	80.6	5.5	77.
7.0	27.8	2288.2	775.0	8.4	2.9	297.8	17.9	15.9	-8.4	303.6	320.8	6.1	68.4	6.3	83.
7.9	30.4	2558.5	750.0	6.3	0.3	301.8	18.3	15.6	-5.6	304.1	319.0	5.2	65.4	7.2	88.
8.9	33.2	2835.8	725.0	4.2	-1.2	301.8	19.8	16.0	-9.9	304.7	318.5	4.8	68.0	8.1	92.
9.8	35.8	3120.4	700.0	1.8	0.9	299.2	18.7	16.3	-9.1	305.3	321.9	5.9	94.0	9.0	96.
10.8	38.6	3413.1	675.0	-0.1	-0.6	299.3	19.2	16.8	-9.4	306.2	321.7	5.4	96.3	10.0	98.
11.8	41.3	3715.0	650.0	-1.0	-40.6	303.3	19.6	16.4	-10.8	307.8	308.4	0.2	3.1	11.1	100.
12.9	44.2	4026.8	625.0	-2.9	-16.0	298.9	17.8	15.6	-8.6	309.4	314.9	1.8	36.1	12.3	103.
14.0	47.3	4349.7	600.0	-4.0	-52.3	289.4	15.4	14.5	-5.1	311.5	311.7	0.0	1.0	13.4	104.
15.0	50.3	4686.5	575.0	-2.7	-51.6	288.1	15.2	14.4	-4.7	316.8	317.1	0.1	1.0	14.3	104.
16.1	53.3	5037.1	550.0	-5.1	-52.1	295.2	15.2	13.8	-6.5	318.0	318.2	0.1	1.1	15.2	104.
17.3	56.3	5400.7	525.0	-7.7	-51.9	293.4	17.0	15.6	-6.8	319.2	319.4	0.1	1.0	16.4	105.
18.4	59.6	5777.5	500.0	-11.1	-52.3	290.7	21.4	20.0	-7.5	319.4	319.7	0.1	1.8	17.6	106.
19.4	63.0	6169.4	475.0	-14.5	-53.0	290.8	21.4	20.0	-7.6	320.0	323.2	0.1	2.1	19.0	106.
20.6	66.3	6575.2	450.0	-17.8	-54.0	288.0	20.6	19.6	-6.4	320.9	321.1	0.1	2.5	20.5	106.
21.7	70.0	6999.4	425.0	-21.4	-55.4	281.5	20.7	20.2	-4.1	321.4	321.6	0.0	2.9	21.9	106.
22.9	73.5	7443.6	400.0	-24.7	-56.8	283.0	19.2	18.7	-4.3	322.8	323.0	0.0	3.2	23.3	106.
24.2	77.5	7909.4	375.0	-28.7	-58.8	290.9	20.0	18.7	-7.1	323.5	323.7	0.0	3.7	24.8	106.
25.8	81.3	8399.4	350.0	-32.7	-60.9	290.8	17.9	16.8	-6.4	324.6	324.7	0.0	4.1	26.5	106.
27.4	85.5	8917.6	325.0	-36.4	-62.9	280.0	21.4	21.0	-3.7	326.5	326.6	0.0	4.5	28.6	106.
29.0	89.9	9467.2	300.0	-40.8	99.9	269.9	21.8	21.8	0.0	327.9	999.9	99.9	999.9	30.6	105.
30.8	94.6	10053.5	275.0	-45.4	99.9	267.0	26.8	26.7	1.4	329.5	999.9	99.9	999.9	32.8	104.
32.5	99.4	10682.5	250.0	-50.4	99.9	263.3	24.6	24.5	2.9	331.1	999.9	99.9	999.9	35.4	103.
34.2	104.5	11363.3	225.0	-55.1	99.9	260.1	28.3	27.9	4.9	334.1	999.9	99.9	999.9	37.9	101.
36.2	110.2	12103.8	200.0	-61.1	99.9	267.7	28.7	28.6	1.1	336.1	999.9	99.9	999.9	41.3	100.
38.9	116.3	12920.7	175.0	-65.7	99.9	283.8	27.3	27.0	-6.6	341.5	999.9	99.9	999.9	45.5	99.
41.7	123.0	13861.3	150.0	-63.4	99.9	284.7	29.5	28.5	-7.5	360.9	999.9	99.9	999.9	49.9	100.
45.5	130.3	14987.0	125.0	-62.1	99.9	279.5	28.8	28.4	-4.7	382.6	999.9	99.9	999.9	56.1	100.
50.2	139.3	16370.0	100.0	-63.3	99.9	276.0	19.0	18.9	-2.0	405.5	999.9	99.9	999.9	63.1	101.
56.8	146.3	18119.0	75.0	-65.8	99.9	277.6	5.9	5.9	-0.8	435.0	999.9	99.9	999.9	66.8	101.
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. 327
NASHVILLE, TENN

25 APRIL 1975
520 GMT

142 76. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	180.0	989.4	21.0	17.6	180.0	5.1	0.0	5.1	296.8	330.7	13.0	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	999.9
0.5	6.7	308.0	975.0	22.6	17.7	200.3	15.2	5.3	14.2	299.7	334.8	13.3	74.1	0.4	358.
1.2	8.9	534.4	950.0	21.8	17.1	207.8	17.5	8.1	15.5	301.1	335.9	13.1	74.7	0.9	13.
1.9	10.9	765.9	925.0	20.6	15.7	220.7	21.2	13.9	16.1	302.1	335.1	12.3	73.5	1.7	23.
2.7	13.2	1002.9	900.0	19.1	14.6	229.3	22.3	16.9	14.5	302.8	334.6	11.8	75.2	2.7	32.
3.5	15.4	1245.1	875.0	16.9	14.5	230.9	22.2	17.2	14.0	303.0	335.3	12.0	85.4	3.8	37.
4.3	17.6	1492.1	850.0	14.7	13.5	232.2	22.2	17.5	13.6	303.1	334.3	11.5	92.4	4.8	40.
5.1	20.1	1744.5	825.0	12.7	11.5	232.6	19.6	15.6	11.9	303.4	331.9	10.4	92.6	5.9	42.
5.9	22.3	2003.1	800.0	11.2	9.9	236.3	17.0	14.2	9.4	304.3	337.8	9.7	91.9	6.7	44.
6.8	24.8	2268.1	775.0	9.2	8.0	233.0	14.4	11.5	8.7	304.8	329.0	8.7	92.4	7.5	45.
7.6	27.1	2539.8	750.0	7.6	6.4	230.2	12.9	9.9	8.3	305.9	328.5	8.1	91.7	8.2	46.
8.7	29.7	2819.2	725.0	6.0	2.9	236.4	12.6	10.5	6.9	306.8	325.3	6.5	80.3	8.9	46.
9.7	32.3	3106.4	700.0	5.2	-5.0	245.8	15.3	13.9	6.3	308.8	320.0	3.8	48.1	9.8	47.
10.7	35.1	3403.1	675.0	4.6	-15.8	249.4	18.0	16.9	6.4	311.0	316.2	1.7	21.1	10.7	49.
11.8	37.7	3709.1	650.0	2.1	-21.1	252.0	20.9	19.9	6.5	311.5	315.0	1.1	16.0	11.9	52.
12.8	40.5	4024.3	625.0	-0.2	-18.0	252.6	22.9	21.9	6.9	312.3	317.0	1.5	24.7	13.1	56.
13.8	43.3	4349.2	600.0	-2.9	-18.5	250.5	25.3	23.8	8.4	312.9	317.6	1.5	28.9	14.5	59.
15.0	46.3	4685.2	575.0	-4.9	-22.2	249.8	28.5	26.8	9.8	314.4	318.0	1.1	24.3	16.4	57.
16.1	49.4	5033.1	550.0	-7.7	-17.8	251.1	29.4	27.8	9.5	315.2	320.6	1.7	43.8	18.5	58.
17.4	52.4	5393.6	525.0	-10.2	-18.8	259.5	29.1	28.7	5.3	316.3	321.6	1.7	49.4	20.5	60.
18.7	55.6	5767.9	500.0	-12.3	-32.7	261.2	29.6	29.3	4.5	318.0	319.7	0.5	17.0	22.6	62.
19.9	58.9	6158.2	475.0	-14.2	-37.3	262.0	26.3	26.1	3.6	320.4	321.6	0.3	12.2	24.7	64.
21.4	62.4	6566.3	450.0	-17.0	-60.7	261.7	27.6	27.3	4.0	321.8	321.8	0.0	1.0	26.9	65.
22.8	66.0	6991.8	425.0	-20.3	-56.6	259.0	30.0	29.5	5.7	322.9	323.1	0.0	2.3	29.2	67.
24.2	69.8	7437.5	400.0	-23.7	-52.2	261.3	33.4	33.0	5.0	324.2	324.5	0.1	5.5	31.9	68.
25.7	73.5	7906.4	375.0	-26.7	-56.7	273.5	29.4	29.3	-1.8	326.2	326.5	0.1	6.6	34.6	69.
27.1	77.7	8400.2	350.0	-30.8	-42.2	276.8	32.9	32.7	-3.9	327.2	328.1	0.3	31.2	36.8	71.
28.8	82.0	8921.7	325.0	-35.3	-47.5	280.8	30.5	29.9	-5.7	327.9	328.5	0.2	27.4	39.9	73.
30.4	86.4	9474.0	300.0	-40.2	99.9	277.3	32.2	32.0	-4.1	328.6	999.9	99.9	999.9	42.9	75.
32.1	91.2	10061.0	275.0	-45.5	99.9	276.8	30.1	29.9	-3.6	329.3	999.9	99.9	999.9	45.4	77.
34.3	96.4	10690.7	250.0	-50.2	99.9	281.0	33.0	32.4	-6.3	331.4	999.9	99.9	999.9	49.3	78.
36.3	102.0	11369.0	225.0	-56.3	99.9	280.6	41.7	41.0	-7.7	332.2	999.9	99.9	999.9	53.5	80.
38.2	108.0	12104.9	200.0	-63.2	99.9	288.0	44.7	42.5	-13.8	332.6	999.9	99.9	999.9	58.1	82.
40.2	114.3	12918.1	175.0	-65.5	99.9	291.3	33.9	31.5	-12.3	341.8	999.9	99.9	999.9	62.3	84.
43.2	121.7	13847.8	150.0	-66.1	99.9	268.3	34.1	34.1	1.0	356.3	999.9	99.9	999.9	67.7	86.
47.3	129.3	14986.2	125.0	-59.5	99.9	287.0	19.8	18.7	-5.8	387.3	999.9	99.9	999.9	75.1	86.
52.3	138.0	16358.5	100.0	-63.2	99.9	258.8	23.2	22.8	4.5	405.5	999.9	99.9	999.9	81.2	87.
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	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9

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

STATION NO. 340
LITTLE ROCK, ARK

25 APRIL 1975
515 GMT

154 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	5.0	79.0	1002.7	24.4	18.3	200.0	5.1	1.7	4.8	299.1	334.5	13.4	69.0	0.0	0.
0.1	6.1	102.8	1000.0	25.0	18.8	203.0	18.5	7.2	17.0	300.0	336.7	13.8	68.4	0.1	26.
0.8	6.5	325.4	975.0	23.8	18.1	204.2	17.4	7.1	15.9	301.0	337.2	13.6	70.7	0.4	24.
1.5	10.8	552.5	950.0	21.7	17.5	210.5	17.0	8.6	14.7	301.0	336.8	13.4	77.2	1.2	25.
2.4	13.3	784.1	925.0	20.3	17.3	222.8	20.0	13.6	14.7	301.9	338.3	13.6	82.8	2.1	30.
3.2	15.7	1020.9	900.0	18.8	16.0	230.2	21.3	16.4	13.6	302.6	337.2	12.8	83.7	3.1	36.
4.0	18.2	1262.9	875.0	17.4	14.7	235.8	19.7	16.3	11.1	303.5	336.3	12.1	83.7	4.0	40.
4.9	20.5	1510.7	850.0	15.9	12.2	247.8	17.4	16.1	6.6	304.3	333.3	10.6	78.7	5.0	44.
5.9	23.2	1764.2	825.0	14.3	10.9	259.8	16.0	15.8	2.8	305.0	332.6	10.0	80.3	5.9	49.
6.8	25.8	2023.9	800.0	12.8	8.4	267.3	17.5	17.4	0.8	305.9	330.1	8.7	74.7	6.7	54.
7.8	28.4	2290.4	775.0	11.0	6.4	276.7	16.9	16.8	-2.3	306.6	328.6	7.8	73.3	7.4	58.
8.7	31.2	2563.7	750.0	9.5	4.1	278.8	17.5	17.3	-2.7	307.8	327.3	6.9	69.4	8.2	63.
9.7	34.1	2843.9	725.0	6.8	0.7	271.2	18.0	18.0	-0.4	307.7	323.7	5.6	65.1	9.1	67.
10.6	36.8	3131.5	700.0	4.4	-1.4	254.1	19.3	18.5	5.3	308.0	322.3	4.9	65.7	10.0	69.
11.4	39.8	3427.4	675.0	3.5	-6.1	241.4	20.9	18.3	10.0	310.1	320.8	3.6	49.2	11.0	68.
12.3	42.5	3732.7	650.0	1.5	-7.7	233.7	23.8	19.2	14.1	311.1	321.0	3.3	50.2	12.0	67.
13.3	45.6	4047.6	625.0	-0.7	-9.7	232.1	30.3	23.9	18.6	312.0	321.0	2.9	50.5	13.6	65.
14.1	48.6	4372.3	600.0	-3.2	-14.4	233.2	32.5	26.0	19.5	312.6	319.1	2.1	41.5	15.2	64.
14.9	51.6	4707.3	575.0	-6.2	-15.4	235.2	31.4	25.7	17.9	313.0	319.2	2.0	48.1	16.7	63.
15.8	55.3	5053.0	550.0	-9.7	-16.5	236.9	32.3	27.1	17.6	312.7	318.7	1.9	57.5	18.4	63.
16.6	58.1	5411.0	525.0	-10.8	-10.8	235.3	33.7	27.7	19.2	315.9	325.7	3.2	99.6	20.1	62.
17.9	61.6	5786.3	500.0	-12.0	-12.1	234.7	30.7	25.1	17.7	318.7	328.2	3.0	99.4	22.3	61.
19.0	65.1	6176.8	475.0	-15.5	-16.1	237.5	33.5	28.3	18.0	319.1	326.3	2.3	94.9	24.6	61.
20.6	68.7	6582.2	450.0	-18.9	-20.4	238.3	40.5	34.5	21.3	319.6	325.0	1.7	88.3	28.1	61.
22.0	72.3	7006.6	425.0	-21.1	-23.5	231.7	31.3	24.6	19.4	322.1	326.5	1.3	80.5	31.3	60.
23.5	76.3	7451.8	400.0	-24.4	-27.1	236.9	33.1	27.8	18.1	323.3	326.8	1.0	78.2	33.8	59.
25.0	80.4	7919.2	375.0	-27.4	-29.8	250.7	39.3	37.1	13.0	325.4	328.3	0.9	79.8	37.5	60.
26.3	84.5	8414.4	350.0	-29.6	-31.9	264.7	33.5	33.4	3.1	328.9	331.5	0.7	79.5	40.2	61.
27.8	88.9	8939.1	325.0	-33.6	-36.6	293.5	18.0	16.5	-7.2	330.3	332.1	0.5	78.5	42.6	62.
29.6	93.5	9495.5	300.0	-38.5	-42.0	278.4	20.1	19.9	-2.9	331.1	332.2	0.3	69.3	43.4	65.
31.3	98.2	10087.6	275.0	-43.2	99.9	283.6	26.9	26.2	-6.3	332.7	999.9	99.9	999.9	44.8	67.
33.3	103.0	10721.8	250.0	-48.6	99.9	277.2	23.9	23.7	-3.0	333.8	999.9	99.9	999.9	47.2	68.
35.0	108.5	11405.0	225.0	-54.8	99.9	275.6	26.0	25.9	-2.4	334.5	999.9	99.9	999.9	50.1	70.
37.2	114.3	12145.8	200.0	-61.9	99.9	272.2	29.2	29.2	-1.1	334.8	999.9	99.9	999.9	53.5	71.
40.1	120.5	12961.4	175.0	-67.1	99.9	270.7	31.8	31.8	-0.4	339.2	999.9	99.9	999.9	58.4	73.
43.1	127.0	13889.8	150.0	-64.3	99.9	275.7	42.3	42.0	-4.2	355.4	999.9	99.9	999.9	64.6	75.
47.0	134.3	15028.4	125.0	-60.0	99.9	286.0	20.3	19.6	-5.5	386.3	999.9	99.9	999.9	71.7	78.
51.9	141.0	16396.0	100.0	-65.7	99.9	255.7	19.2	18.6	4.7	400.9	999.9	99.9	999.9	76.3	76.
58.9	148.3	18135.2	75.0	-69.8	99.9	277.9	2.2	2.2	-0.3	426.7	999.9	99.9	999.9	82.3	78.
69.7	155.3	20618.9	50.0	-60.5	99.9	249.1	3.9	3.6	1.4	501.0	999.9	99.9	999.9	84.1	79.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 349
MONETTE, MO

25 APRIL 1975
705 GMT

82 248. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	438.0	959.0	16.0	14.2	140.0	4.1	-2.6	3.1	294.1	322.0	10.7	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	8.8	518.7	950.0	17.5	14.2	155.5	6.2	-2.6	5.7	296.4	324.8	10.8	81.0	0.2	319.
1.1	10.8	748.0	925.0	18.4	14.3	177.1	5.8	-0.3	5.8	299.6	329.5	11.2	77.3	0.5	325.
1.9	12.3	982.7	900.0	16.4	12.9	204.5	6.4	2.6	5.8	299.8	327.7	10.4	78.9	0.7	343.
2.6	15.1	1222.4	875.0	14.4	12.5	217.0	7.5	4.5	6.0	300.2	329.4	10.5	88.4	0.9	358.
3.3	17.0	1467.2	850.0	12.9	11.7	239.0	6.8	5.8	3.5	301.1	328.8	10.3	92.4	1.1	10.
4.2	19.3	1718.7	825.0	11.7	9.1	260.7	8.7	8.5	1.4	302.2	326.4	8.9	84.0	1.3	24.
5.0	21.4	1976.6	800.0	11.2	8.1	269.6	9.8	9.8	0.1	304.2	327.8	8.5	81.4	1.6	39.
5.9	23.7	2241.1	775.0	8.5	7.8	277.7	9.4	9.3	-1.3	304.1	329.0	8.6	95.5	2.0	51.
6.7	25.3	2511.9	750.0	5.7	5.0	274.0	10.5	10.5	-0.7	303.7	324.1	7.3	94.8	2.3	60.
7.6	28.2	2788.5	725.0	6.0	-21.7	273.3	12.3	12.3	-0.7	306.1	309.1	0.9	11.5	2.8	66.
8.5	30.8	3074.5	700.0	3.9	-20.8	272.3	13.2	13.2	-0.5	306.9	310.2	1.0	14.4	3.5	72.
9.5	33.3	3368.3	675.0	1.2	-20.8	264.7	14.0	13.9	1.3	307.1	310.5	1.1	17.5	4.3	75.
10.4	35.7	3670.6	650.0	-1.0	-21.3	264.1	13.4	13.3	1.4	307.9	311.3	1.1	19.7	5.1	76.
11.5	38.3	3981.8	625.0	-3.6	-22.5	266.9	14.4	14.3	0.8	308.4	311.7	1.0	22.0	5.9	78.
12.6	40.9	4303.6	600.0	-4.8	-33.0	265.7	17.7	17.7	1.3	310.5	311.9	0.4	8.9	6.9	75.
13.6	43.6	4636.4	575.0	-7.8	-33.2	262.2	20.3	20.1	2.7	310.9	312.3	0.4	10.9	8.1	90.
14.7	46.4	4980.0	550.0	-10.4	-35.2	259.5	22.1	21.8	4.0	311.7	312.9	0.3	11.1	9.5	80.
15.8	49.4	5336.8	525.0	-12.4	-41.2	259.2	23.0	22.6	4.3	313.5	314.2	0.2	6.9	11.0	80.
17.0	52.1	5707.3	500.0	-15.1	-47.5	253.9	25.6	24.6	7.1	314.6	315.0	0.1	4.3	12.8	80.
18.3	55.2	6093.1	475.0	-18.1	-46.4	247.2	28.1	25.9	10.9	315.5	316.0	0.1	6.2	14.9	76.
19.8	58.3	6494.1	450.0	-21.7	-49.2	244.2	30.3	27.3	13.2	315.9	316.2	0.1	6.2	17.3	76.
21.1	61.6	6913.2	425.0	-23.8	-50.4	240.7	30.5	26.6	15.0	318.4	318.8	0.1	6.5	19.8	75.
22.6	65.0	7353.7	400.0	-26.4	-52.0	233.5	30.9	24.8	18.4	320.6	320.9	0.1	6.8	22.4	72.
24.0	68.4	7816.5	375.0	-30.4	-54.6	228.3	31.6	23.6	21.0	321.3	321.5	0.1	7.3	24.9	70.
25.4	72.0	8304.9	350.0	-32.7	-55.5	213.6	33.8	18.7	28.1	324.6	324.8	0.1	8.1	27.1	68.
27.0	76.0	8824.0	325.0	-35.5	-55.6	220.8	35.5	23.2	26.9	327.7	328.0	0.1	10.6	30.1	64.
28.6	80.0	9375.6	300.0	-40.4	99.9	221.3	32.1	21.1	24.1	328.4	999.9	99.9	999.9	33.1	62.
30.7	84.2	9922.7	275.0	-45.0	99.9	216.1	30.3	17.8	24.4	330.1	999.9	99.9	999.9	36.7	60.
32.8	88.6	10553.8	250.0	-49.4	99.9	999.9	99.9	99.9	99.9	332.7	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

25 APRIL 1975
515 GMT

150 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	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	1055.0	888.0	11.1	6.6	110.0	3.6	-3.4	1.2	295.0	313.6	6.9	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.
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.
0.6	14.3	1220.2	875.0	17.5	9.1	108.2	7.0	-6.6	2.2	303.0	326.0	8.3	58.1	0.2	275.
1.4	16.1	1468.9	850.0	18.8	0.7	156.7	5.7	-2.2	5.2	306.5	320.2	4.8	29.6	0.5	293.
2.4	18.2	1724.6	825.0	18.5	-5.0	191.6	7.2	1.4	7.0	308.6	318.1	3.2	19.7	0.7	321.
3.2	20.3	1987.2	800.0	16.5	-6.7	214.0	7.8	4.3	6.4	309.1	317.8	2.9	19.8	1.0	341.
4.2	22.3	2256.0	775.0	14.4	-8.3	227.5	10.1	7.4	6.8	309.6	317.6	2.6	19.9	1.3	3.
5.2	24.5	2531.5	750.0	12.0	-10.2	235.3	9.6	7.9	5.5	309.9	317.1	2.3	20.1	1.9	17.
6.2	26.5	2813.8	725.0	9.5	-12.2	249.0	9.4	8.8	3.4	310.2	316.5	2.1	20.2	2.2	28.
7.2	28.9	3103.0	700.0	6.5	-14.6	263.2	8.7	8.7	1.0	309.9	315.4	1.8	20.4	2.6	36.
8.2	31.2	3400.2	675.0	4.5	-17.2	287.4	5.4	5.1	-1.6	310.9	315.5	1.5	18.8	2.9	45.
9.4	33.7	3700.8	650.0	3.4	-20.2	343.5	3.1	0.9	-2.9	313.0	316.7	1.2	15.6	2.9	49.
10.6	36.0	4023.1	625.0	0.9	-24.2	337.9	3.9	1.5	-3.6	313.5	316.4	0.9	13.2	2.7	53.
11.8	38.6	4350.0	600.0	-1.2	-25.7	307.6	5.2	4.2	-3.2	314.9	317.4	0.8	13.4	2.8	61.
12.9	41.0	4687.3	575.0	-4.1	-27.9	292.8	5.9	5.5	-2.3	315.2	317.4	0.7	13.6	3.0	67.
14.0	43.6	5036.1	550.0	-6.7	-29.8	284.9	7.5	7.2	-1.9	316.1	318.1	0.6	13.9	3.3	71.
15.3	46.3	5397.9	525.0	-0.8	-31.4	289.8	9.4	9.8	-3.2	317.8	319.6	0.5	14.0	3.9	76.
16.5	49.2	5773.9	500.0	-11.6	-33.4	290.8	12.3	11.5	-4.4	318.9	320.5	0.4	14.3	4.5	83.
17.9	51.9	6164.5	475.0	-14.8	-35.9	295.2	13.6	12.3	-5.8	319.6	320.9	0.4	14.6	5.5	86.
19.3	54.9	6571.2	450.0	-18.1	-38.4	306.9	16.1	12.8	-9.7	320.4	321.5	0.3	14.8	6.6	94.
20.8	57.9	6995.1	425.0	-22.0	-41.4	304.9	18.2	15.0	-10.5	320.7	321.6	0.2	15.2	8.0	100.
22.4	61.0	7439.7	400.0	-25.0	-43.7	290.3	17.7	16.6	-6.2	322.5	323.2	0.2	15.4	9.6	104.
24.0	64.4	7904.7	375.0	-28.8	-46.8	282.7	17.9	17.5	-3.9	323.4	323.9	0.1	15.8	11.3	104.
25.6	67.7	8394.1	350.0	-32.9	-49.9	279.5	18.5	18.2	-3.0	324.3	324.8	0.1	16.1	13.0	104.
27.3	71.1	8910.8	325.0	-37.3	99.9	275.2	22.4	22.3	-2.0	325.2	999.9	99.9	999.9	15.1	102.
29.2	75.0	9458.6	300.0	-41.3	99.9	278.5	25.6	25.5	-3.8	327.2	999.9	99.9	999.9	17.8	102.
31.4	79.2	10045.4	275.0	-44.4	99.9	277.6	33.0	32.7	-4.4	330.9	999.9	99.9	999.9	21.6	101.
33.6	83.2	10677.0	250.0	-49.6	99.9	278.9	33.6	33.2	-5.2	332.3	999.9	99.9	999.9	26.0	101.
35.8	87.6	11358.4	225.0	-55.1	99.9	277.3	35.5	35.2	-4.5	334.1	999.9	99.9	999.9	30.8	100.
38.1	92.8	12099.7	200.0	-61.3	99.9	275.0	37.5	37.4	-3.3	335.7	999.9	99.9	999.9	35.6	100.
40.8	98.0	12917.4	175.0	-65.7	99.9	278.1	40.0	39.6	-5.6	341.6	999.9	99.9	999.9	42.0	99.
44.1	103.8	13863.1	150.0	-63.8	99.9	266.3	31.3	31.3	0.9	360.2	999.9	99.9	999.9	49.3	99.
47.7	110.3	14993.8	125.0	-59.8	99.9	261.2	28.4	28.1	4.3	386.7	999.9	99.9	999.9	55.6	96.
52.2	116.0	16380.0	100.0	-63.3	99.9	262.9	19.3	19.2	2.4	405.5	999.9	99.9	999.9	61.6	96.
58.5	128.0	18139.2	75.0	-61.0	99.9	252.0	15.5	14.7	4.8	435.0	999.9	99.9	999.9	67.3	95.
66.5	140.0	20652.4	50.0	-58.1	99.9	273.8	0.6	0.6	-0.0	506.5	999.9	99.9	999.9	70.3	94.
79.3	154.0	25091.0	25.0	-52.6	99.9	322.9	6.1	3.7	-4.9	633.3	999.9	99.9	999.9	71.6	95.

* BY SPEED MEANS ELEVATION 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. 402
WALLOPS ISLAND, VA

25 APRIL 1975
515 GMT

157 10. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	4.0	1010.7	18.3	15.0	999.9	99.9	99.9	99.9	292.0	319.6	10.7	81.0	999.9	999.
0.3	5.3	95.8	1000.0	19.2	15.5	999.9	99.9	99.9	99.9	293.8	322.9	11.2	79.3	999.9	999.
1.1	7.3	313.9	975.0	18.5	15.4	999.9	99.9	99.9	99.9	295.3	325.2	11.4	82.1	999.9	999.
2.0	9.3	537.3	950.0	18.5	13.7	999.9	99.9	99.9	99.9	297.4	325.2	10.5	73.5	999.9	999.
2.8	11.3	766.1	925.0	17.3	12.3	999.9	99.9	99.9	99.9	298.3	324.5	9.8	72.6	999.9	999.
3.7	13.5	1000.0	900.0	16.0	11.5	999.9	99.9	99.9	99.9	299.3	324.9	9.5	74.6	999.9	999.
4.5	15.7	1239.4	875.0	14.5	11.0	999.9	99.9	99.9	99.9	300.1	325.7	9.5	79.6	999.9	999.
5.6	17.9	1484.2	850.0	12.8	10.5	999.9	99.9	99.9	99.9	300.8	326.4	9.5	86.2	999.9	999.
6.4	20.2	1735.0	825.0	11.1	9.4	999.9	99.9	99.9	99.9	301.5	326.1	9.0	89.2	999.9	999.
7.4	22.4	1991.6	800.0	9.0	7.7	999.9	99.9	99.9	99.9	301.8	324.6	8.3	92.1	999.9	999.
8.6	24.7	2254.3	775.0	7.4	6.2	999.9	99.9	99.9	99.9	302.2	324.1	7.7	92.4	999.9	999.
9.5	27.2	2524.3	750.0	6.0	4.9	999.9	99.9	99.9	99.9	304.0	324.3	7.3	92.8	999.9	999.
10.6	29.7	2801.9	725.0	4.4	3.3	999.9	99.9	99.9	99.9	305.1	324.0	6.7	92.9	999.9	999.
11.7	32.3	3087.5	700.0	2.8	1.8	999.9	99.9	99.9	99.9	306.4	324.1	6.2	92.8	999.9	999.
12.9	35.0	3381.5	675.0	1.0	-0.1	999.9	99.9	99.9	99.9	307.5	323.8	5.7	92.2	999.9	999.
14.1	37.4	3684.8	650.0	-0.8	-1.9	999.9	99.9	99.9	99.9	308.8	323.7	5.1	92.2	999.9	999.
15.3	40.3	3997.6	625.0	-2.6	-5.6	999.9	99.9	99.9	99.9	309.9	321.9	4.1	80.3	999.9	999.
16.5	42.9	4320.8	600.0	-3.7	-8.0	999.9	99.9	99.9	99.9	312.3	322.7	3.5	71.7	999.9	999.
17.8	45.9	4656.1	575.0	-6.0	-9.1	999.9	99.9	99.9	99.9	313.3	323.4	3.3	78.7	999.9	999.
19.2	48.9	5003.4	550.0	-8.1	-10.2	999.9	99.9	99.9	99.9	314.8	324.6	3.2	84.7	999.9	999.
20.4	51.9	5363.7	525.0	-10.3	-13.0	999.9	99.9	99.9	99.9	316.3	324.6	2.7	80.9	999.9	999.
21.7	54.9	5738.6	500.0	-12.1	-17.9	999.9	99.9	99.9	99.9	318.4	324.4	1.9	62.3	999.9	999.
22.9	57.9	6129.6	475.0	-14.0	-29.0	999.9	99.9	99.9	99.9	320.7	323.3	0.8	28.1	999.9	999.
24.5	61.4	6538.1	450.0	-17.1	-36.5	999.9	99.9	99.9	99.9	321.8	323.1	0.4	17.2	999.9	999.
26.1	65.0	6963.6	425.0	-20.6	-43.1	999.9	99.9	99.9	99.9	322.5	322.5	0.0	1.0	999.9	999.
27.7	68.3	7409.3	400.0	-23.9	-65.2	999.9	99.9	99.9	99.9	323.8	323.9	0.0	1.0	999.9	999.
29.4	72.0	7876.4	375.0	-28.1	-49.3	999.9	99.9	99.9	99.9	324.4	324.8	0.1	10.9	999.9	999.
31.2	76.0	8367.3	350.0	-32.4	-36.6	999.9	99.9	99.9	99.9	325.0	326.7	0.5	66.1	999.9	999.
33.0	80.2	8885.9	325.0	-36.3	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
34.9	84.4	9435.6	300.0	-41.0	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	999.9	999.9	999.
36.8	89.0	10020.9	275.0	-46.2	99.9	999.9	99.9	99.9	99.9	328.4	999.9	99.9	999.9	999.9	999.
38.8	93.8	10546.2	250.0	-52.0	99.9	999.9	99.9	99.9	99.9	328.8	999.9	99.9	999.9	999.9	999.
41.2	99.0	11322.2	225.0	-56.2	99.9	999.9	99.9	99.9	99.9	332.3	999.9	99.9	999.9	999.9	999.
43.7	104.5	12060.2	200.0	-62.8	99.9	999.9	99.9	99.9	99.9	333.3	999.9	99.9	999.9	999.9	999.
46.6	110.4	12871.9	175.0	-67.0	99.9	999.9	99.9	99.9	99.9	339.5	999.9	99.9	999.9	999.9	999.
50.0	116.9	13806.3	150.0	-62.7	99.9	999.9	99.9	99.9	99.9	362.1	999.9	99.9	999.9	999.9	999.
54.2	124.7	14937.1	125.0	-61.0	99.9	999.9	99.9	99.9	99.9	384.5	999.9	99.9	999.9	999.9	999.
59.1	131.7	16326.9	100.0	-60.2	99.9	999.9	99.9	99.9	99.9	411.4	999.9	99.9	999.9	999.9	999.
65.6	139.7	18103.9	75.0	-64.7	99.9	999.9	99.9	99.9	99.9	437.2	999.9	99.9	999.9	999.9	999.
74.0	147.3	20594.4	50.0	-61.2	99.9	999.9	99.9	99.9	99.9	499.4	999.9	99.9	999.9	999.9	999.
87.9	155.3	24977.4	25.0	-55.8	99.9	999.9	99.9	99.9	99.9	624.7	999.9	99.9	999.9	999.9	999.

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

STATION NO. 405
STERLING, VA

25 APRIL 1975
517 GMT

164 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 CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	6.2	85.0	1000.8	16.5	14.7	280.0	2.1	2.1	-0.4	291.0	318.3	10.6	89.0	0.0	0.
00.0	6.3	91.9	1000.0	16.6	14.8	285.6	2.5	2.4	-0.7	291.1	318.6	10.7	89.3	0.0	11.
00.8	8.7	308.3	975.0	16.2	15.2	308.8	6.3	4.9	-4.0	293.0	322.1	11.2	93.4	0.3	112.
1.7	10.9	529.3	950.0	15.0	14.1	315.7	7.6	5.3	-5.4	293.8	321.7	10.7	94.1	0.6	126.
2.6	13.4	755.4	925.0	13.8	12.2	314.0	9.3	6.7	-6.5	294.7	320.2	9.7	90.2	1.1	129.
3.5	15.8	986.6	900.0	13.1	11.5	312.9	11.5	8.4	-7.8	296.2	321.5	9.5	90.1	1.7	131.
4.4	18.3	1223.5	875.0	11.8	9.9	308.8	11.3	8.8	-7.1	297.1	320.6	8.7	87.8	2.3	131.
5.3	20.7	1466.3	850.0	11.2	8.5	301.7	12.1	10.3	-6.3	298.9	321.2	8.2	83.5	2.9	130.
6.3	23.3	1715.4	825.0	9.3	7.5	298.9	14.1	12.3	-6.8	299.4	320.9	7.9	88.4	3.7	127.
7.2	25.8	1970.3	800.0	7.6	6.1	298.8	16.8	14.7	-8.1	300.2	320.5	7.4	90.7	4.5	126.
8.0	28.4	2231.5	775.0	6.0	4.1	295.0	16.8	15.2	-7.1	301.1	319.6	6.7	88.0	5.3	124.
9.0	31.2	2500.2	750.0	4.9	2.3	294.5	16.5	15.0	-6.8	302.6	319.6	6.0	83.4	6.2	123.
9.8	34.0	2776.4	725.0	3.3	0.6	290.3	16.4	15.4	-5.7	303.8	319.5	5.5	82.5	7.1	122.
10.9	36.7	3060.5	700.0	1.4	-2.2	285.9	15.6	15.0	-4.3	304.7	318.1	4.7	77.0	8.0	120.
11.8	39.6	3353.4	675.0	0.6	-6.7	288.4	17.0	16.1	-5.4	306.7	316.8	3.4	58.1	8.9	119.
12.8	42.3	3655.8	650.0	-0.5	-7.8	284.0	18.5	17.9	-4.5	308.8	318.5	3.3	57.7	10.0	117.
14.0	45.3	3968.7	625.0	-2.2	-12.7	274.7	19.0	18.9	-1.6	310.2	317.2	2.3	44.5	11.3	115.
15.0	48.4	4292.6	600.0	-2.8	-27.9	271.1	22.0	22.0	-0.4	312.9	315.0	0.6	12.5	12.5	113.
16.1	51.3	4628.3	575.0	-5.0	-27.7	272.0	24.1	24.1	-0.8	314.2	316.5	0.7	14.8	13.8	111.
17.2	54.5	4976.5	550.0	-6.9	-33.1	269.7	25.6	25.6	0.1	315.9	317.4	0.4	10.3	15.4	109.
18.4	57.6	5338.1	525.0	-8.6	-41.5	265.1	26.4	26.4	0.4	318.1	318.8	0.2	5.0	17.2	107.
19.7	61.0	5713.6	500.0	-11.6	-38.1	274.3	24.8	24.7	-1.8	318.6	319.6	0.3	9.1	19.2	105.
21.0	64.4	6104.0	475.0	-15.1	-38.3	274.8	23.4	23.3	-2.0	319.3	320.3	0.3	11.7	20.9	104.
22.4	67.8	6509.8	450.0	-18.6	-35.1	278.2	24.6	24.4	-3.5	319.9	321.3	0.4	21.6	23.0	103.
24.0	71.3	6933.0	425.0	-22.3	-38.2	279.3	29.7	29.3	-4.8	320.4	321.6	0.3	21.8	25.7	103.
25.8	75.0	7375.5	400.0	-25.8	-40.8	276.4	28.4	28.2	-3.2	321.4	322.3	0.3	22.9	28.8	102.
27.6	79.0	7840.1	375.0	-29.4	-47.3	281.3	36.3	35.6	-7.1	322.6	323.1	0.1	15.6	32.1	102.
29.5	82.8	8331.1	350.0	-32.3	-56.4	285.1	29.8	28.8	-7.8	325.1	325.3	0.1	7.0	36.1	102.
31.2	86.8	8850.0	325.0	-35.8	-58.5	274.6	32.9	32.8	-2.7	327.2	327.4	0.0	7.5	39.2	102.
33.0	91.3	9401.0	300.0	-40.7	99.9	262.2	30.9	30.6	4.2	328.0	999.9	99.9	999.9	42.5	101.
35.3	95.7	9987.5	275.0	-45.4	99.9	256.8	32.9	32.1	7.5	329.5	999.9	99.9	999.9	47.1	99.
37.5	100.4	10615.5	250.0	-51.4	99.9	257.2	36.4	35.5	8.1	329.7	999.9	99.9	999.9	51.1	97.
40.2	105.6	11290.6	225.0	-57.0	99.9	259.7	33.0	32.4	5.9	331.2	999.9	99.9	999.9	56.7	95.
43.2	111.0	12026.0	200.0	-62.6	99.9	262.7	35.6	35.3	4.5	333.6	999.9	99.9	999.9	62.6	94.
46.6	117.0	12842.6	175.0	-64.5	99.9	267.9	33.8	33.8	0.9	343.5	999.9	99.9	999.9	67.8	93.
49.7	123.8	13783.1	150.0	-62.7	99.9	279.3	22.5	22.2	-3.7	362.2	999.9	99.9	999.9	74.0	92.
54.6	131.0	14916.5	125.0	-58.9	99.9	289.1	20.4*	19.3	-6.7	388.4	999.9	99.9	999.9	82.2	93.
60.3	138.8	16321.0	100.0	-58.4	99.9	276.4	7.7*	7.7	-0.9	414.9	999.9	99.9	999.9	88.2	94.
67.4	147.0	18106.7	75.0	-62.6	99.9	256.7	12.1	11.8	2.8	441.6	999.9	99.9	999.9	91.9	93.
77.3	157.0	20609.6	50.0	-59.9	99.9	279.3	8.9	8.8	-1.4	502.3	999.9	99.9	999.9	94.1	93.
93.3	167.5	25011.4	25.0	-53.3	99.9	103.2	6.4	-6.3	1.5	631.8	999.9	99.9	999.9	91.9	93.

* BY SPEED MEANS ELEVATION 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. 425
HUNTINGTON, WVA

25 APRIL 1975
045 GMT

147 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC.	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	246.0	983.4	13.3	13.3	90.0	2.1	-2.1	0.0	289.1	314.3	9.8	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.
0.3	7.7	318.8	975.0	14.3	14.3	999.9	99.9	99.9	99.9	291.0	318.4	10.6	100.4	999.9	999.
1.2	5.8	539.1	950.0	14.8	13.1	999.9	99.9	99.9	99.9	293.6	319.8	10.0	89.3	999.9	999.
2.1	11.8	765.7	925.0	15.0	11.8	23.7	3.5	-1.4	-3.2	296.0	321.1	9.5	81.0	0.2	173.
3.0	13.9	997.7	900.0	14.2	8.6	281.7	5.1	5.0	-1.0	297.2	318.3	7.8	68.7	0.3	157.
3.7	15.9	1235.0	875.0	12.1	6.8	285.5	3.9	3.8	-1.1	297.3	316.6	7.1	70.1	0.5	140.
4.6	18.1	1477.3	850.0	10.1	8.1	269.5	6.5	6.5	0.1	297.7	319.4	8.0	87.6	0.7	127.
5.3	20.3	1725.9	825.0	9.3	4.5	262.2	9.1	9.1	1.2	299.3	317.0	6.4	71.9	0.9	112.
6.2	22.5	1980.4	800.0	7.3	3.5	270.3	12.5	12.5	-0.1	299.7	316.7	6.2	76.9	1.6	102.
7.2	24.8	2241.5	775.0	7.0	1.2	270.2	13.9	13.9	-0.1	302.1	317.3	5.4	66.6	2.3	95.
8.2	26.9	2511.5	750.0	7.2	-7.2	270.5	15.5	15.5	-0.1	304.2	313.5	3.0	34.9	3.1	94.
9.1	29.5	2789.9	725.0	6.4	-14.3	276.9	16.6	16.4	-2.0	306.7	312.1	1.7	21.0	4.0	94.
10.0	31.8	3076.3	700.0	4.1	-15.5	281.3	16.8	16.5	-3.3	307.2	312.2	1.6	22.4	5.0	90.
11.0	34.3	3370.6	675.0	1.1	-16.7	280.9	16.6	16.3	-3.1	307.1	311.8	1.5	24.9	6.0	97.
12.0	36.7	3673.1	650.0	-0.7	-18.3	282.0	16.2	15.9	-3.4	308.3	312.6	1.4	24.9	6.9	97.
13.0	39.3	3984.7	625.0	-3.4	-20.7	285.1	17.3	16.7	-4.5	308.7	312.4	1.2	24.9	7.9	98.
13.9	41.8	4306.2	600.0	-5.8	-19.6	286.1	18.6	17.9	-5.2	309.6	313.8	1.3	32.6	8.9	99.
15.0	44.6	4638.0	575.0	-8.4	-21.3	281.8	19.5	19.1	-4.0	310.3	314.2	1.2	34.3	10.1	100.
16.1	47.4	4981.9	550.0	-10.3	-22.7	273.8	20.5	20.5	-1.3	312.0	315.6	1.1	35.3	11.4	100.
17.3	50.3	5339.3	525.0	-12.0	-33.9	273.0	21.5	21.4	-1.1	314.0	315.5	0.4	14.2	13.0	99.
18.6	53.0	5711.3	500.0	-13.5	-42.8	275.0	25.7	25.6	-2.2	316.5	317.1	0.2	6.4	14.6	94.
19.8	56.0	6100.1	475.0	-14.7	-43.5	274.3	31.1	31.0	-2.3	319.2	320.4	0.2	6.5	16.8	98.
21.1	59.1	6507.2	450.0	-17.7	-44.7	272.8	31.3	31.3	-1.5	321.0	321.6	0.2	7.4	19.2	97.
22.3	62.3	6932.4	425.0	-20.7	-38.9	273.4	30.8	30.7	-1.8	322.5	323.6	0.3	17.6	21.5	97.
23.6	65.6	7378.0	400.0	-24.1	-40.2	272.6	31.0	31.0	-1.4	323.6	324.6	0.3	21.0	23.9	96.
25.1	69.0	7844.7	375.0	-28.1	-48.2	267.7	31.1	31.0	1.2	324.3	324.8	0.1	12.5	26.7	96.
26.7	72.4	8337.2	350.0	-31.6	-47.5	268.8	33.6	33.6	0.7	326.1	326.6	0.1	18.8	29.5	95.
28.3	76.3	8856.2	325.0	-36.4	-46.0	268.6	34.5	34.5	0.9	326.4	327.1	0.2	36.5	32.8	94.
29.9	80.3	9406.1	300.0	-41.0	99.9	268.0	40.1	40.0	1.4	327.6	999.9	99.9	999.9	36.5	94.
31.7	84.4	9991.7	275.0	-45.7	99.9	269.4	42.7	42.7	0.4	329.0	999.9	99.9	999.9	40.8	93.
33.6	88.8	10615.2	250.0	-51.4	99.9	268.5	41.8	41.8	1.1	329.6	999.9	99.9	999.9	45.7	93.
35.4	93.6	11296.5	225.0	-56.3	99.9	272.8	47.9	47.8	-2.3	332.3	999.9	99.9	999.9	51.0	93.
37.4	98.6	12033.6	200.0	-62.2	99.9	286.6	43.2	41.4	-12.3	334.2	999.9	99.9	999.9	56.0	93.
39.6	104.0	12856.7	175.0	-64.3	99.9	295.0	34.3	31.1	-14.5	343.8	999.9	99.9	999.9	60.9	95.
41.9	110.2	13791.5	150.0	-63.1	99.9	278.0	27.3	27.1	-3.8	361.6	999.9	99.9	999.9	65.4	96.
45.1	116.9	14921.1	125.0	-61.7	99.9	270.3	23.0	23.0	-0.1	383.4	999.9	99.9	999.9	70.6	96.
49.6	124.7	16300.8	100.0	-62.3	99.9	270.3	15.4	15.4	-0.1	407.4	999.9	99.9	999.9	75.9	95.
55.0	133.3	18078.1	75.0	-62.0	99.9	244.2	4.9	4.4	2.1	443.0	999.9	99.9	999.9	80.6	96.
63.3	142.0	20579.5	50.0	-61.9	99.9	306.5	1.8	1.5	-1.1	497.8	999.9	99.9	999.9	82.4	96.
78.0	151.0	24979.9	25.0	-52.4	99.9	31.6	1.6	-0.9	-1.4	634.1	999.9	99.9	999.9	81.4	96.

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

STATION NO. 429
DAYTCN, OHIO

25 APRIL 1975
515 GMT

66 371. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	268.0	979.8	13.7	13.4	85.0	3.6	-3.6	-0.3	289.8	315.4	9.9	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	7.9	339.5	975.0	13.4	12.6	34.4	2.7	-1.5	-2.2	289.9	314.4	9.5	95.1	0.1	293.
1.1	10.1	558.6	950.0	13.5	12.7	38.0	1.7	-1.0	-1.3	292.2	317.6	9.8	94.6	0.2	256.
1.9	12.1	783.4	925.0	12.2	11.3	356.1	0.7	0.1	-0.7	293.0	317.0	9.2	94.5	0.3	252.
2.7	14.4	1013.4	900.0	11.3	10.3	273.8	3.6	3.6	-0.2	294.3	317.6	8.8	93.7	0.2	237.
3.7	16.4	1248.7	875.0	10.0	8.3	269.4	6.2	6.2	0.1	295.2	316.3	7.9	89.1	0.2	143.
4.7	18.7	1489.8	850.0	8.9	7.7	255.8	7.7	7.5	1.9	296.5	317.4	7.8	89.1	0.5	96.
5.6	20.9	1737.1	825.0	7.9	5.4	258.1	8.0	7.8	1.7	297.8	316.5	6.9	84.6	1.0	85.
6.6	23.3	1990.9	800.0	7.2	1.5	264.7	9.0	8.9	0.9	299.6	314.5	5.4	67.1	1.5	85.
7.5	25.6	2252.2	775.0	6.4	-0.2	268.5	8.9	8.9	0.2	301.3	315.0	4.9	62.6	2.0	84.
8.5	28.0	2520.4	750.0	5.2	-2.2	272.2	8.9	8.9	-0.3	302.8	315.2	4.3	58.7	2.5	87.
9.6	30.6	2798.8	725.0	3.6	-9.8	279.5	8.5	8.3	-1.4	303.8	311.2	2.5	36.6	3.1	88.
10.7	33.1	3080.6	700.0	2.3	-25.1	282.8	8.4	8.2	-1.9	305.1	307.4	0.7	11.0	3.6	91.
12.0	35.5	3373.3	675.0	0.2	-22.6	282.3	10.2	10.0	-2.2	306.0	308.9	0.9	16.1	4.3	92.
13.2	38.1	3674.1	650.0	-2.6	-17.2	284.1	11.9	11.6	-2.9	306.3	310.9	1.5	31.2	5.1	94.
14.5	40.7	3983.9	625.0	-4.9	-20.7	289.3	12.9	12.2	-4.3	307.0	310.6	1.2	27.6	6.0	94.
15.9	43.4	4303.6	600.0	-6.9	-20.0	290.9	12.9	12.1	-4.6	308.2	312.4	1.3	35.6	7.1	98.
17.3	46.3	4634.2	575.0	-9.5	-17.0	285.1	14.2	13.7	-3.7	309.1	314.5	1.7	54.0	8.1	100.
18.7	49.3	4976.2	550.0	-11.8	-22.3	281.6	16.9	16.6	-3.4	310.2	313.9	1.2	41.3	9.6	100.
20.4	52.0	5330.2	525.0	-15.0	-25.0	278.4	19.7	19.5	-2.9	310.5	313.6	1.0	42.1	11.4	100.
22.2	55.0	5698.2	500.0	-16.0	-24.5	270.6	23.0	23.0	-0.3	313.7	317.1	1.0	47.6	13.6	99.
24.3	58.0	6082.7	475.0	-18.8	-27.7	267.8	27.6	27.5	1.0	314.7	317.4	0.8	45.4	16.8	97.
26.6	61.3	6482.7	450.0	-22.4	-28.6	269.6	27.1	27.1	0.2	315.2	317.8	0.8	56.5	20.6	96.
29.2	64.6	6900.4	425.0	-24.9	-31.1	272.2	20.3	20.3	-0.8	317.1	319.3	0.7	56.3	24.2	95.
32.4	67.9	7339.8	400.0	-26.6	-36.3	276.0	23.2	23.1	-2.4	320.4	321.9	0.4	39.0	28.5	95.
36.0	71.3	7803.6	375.0	-29.7	-43.8	999.9	99.9	99.9	99.9	322.2	323.0	0.2	24.0	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

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

STATION NO. 433
SALEM, ILL

25 APRIL 1975
600 GNT

117 137. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	175.0	987.0	15.6	13.8	110.0	4.6	-4.3	1.6	291.2	317.3	10.1	89.0	0.0	C.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	6.7	279.3	975.0	15.7	13.4	84.8	10.6	-10.6	-1.0	292.2	318.2	10.0	86.4	0.3	296.
1.2	8.8	500.8	950.0	17.7	8.8	83.6	8.0	-7.9	-0.9	296.1	316.3	7.5	56.0	0.7	273.
1.9	10.8	729.1	925.0	17.5	7.8	68.6	3.4	-3.2	-1.2	298.2	317.8	7.2	52.8	1.0	270.
2.6	13.0	963.3	900.0	17.2	6.7	284.3	3.9	3.8	-1.0	300.2	319.1	6.9	50.0	0.9	267.
3.5	15.2	1203.6	875.0	16.6	6.4	261.5	11.1	11.0	1.6	302.0	321.2	6.9	50.9	0.5	266.
4.2	17.4	1450.0	850.0	15.3	4.6	999.9	99.9	99.9	99.9	303.0	320.6	6.3	48.9	999.9	99.9
5.0	19.7	1701.8	825.0	13.1	99.9	999.9	99.9	99.9	99.9	302.5	999.9	99.9	999.9	999.9	99.9
5.7	21.9	1959.0	800.0	11.1	99.9	999.9	99.9	99.9	99.9	303.7	999.9	99.9	999.9	999.9	99.9
6.6	24.3	2223.7	775.0	8.9	3.8	280.4	15.8	15.5	-2.8	304.2	322.5	6.5	70.3	2.3	66.
7.3	26.5	2494.6	750.0	6.6	2.5	256.5	17.4	15.6	-7.8	304.5	321.8	6.1	75.5	3.1	89.
8.2	29.0	2772.1	725.0	4.5	0.1	291.7	14.9	13.9	-5.5	305.1	320.2	5.3	73.1	3.8	93.
9.0	31.6	3057.2	700.0	1.8	-3.0	288.9	14.6	13.8	-4.7	305.0	317.6	4.4	70.7	4.5	96.
10.0	34.2	3349.4	675.0	-0.7	-3.5	280.5	15.2	15.0	-2.8	305.4	319.0	4.4	81.5	5.3	96.
10.8	36.7	3649.6	650.0	-3.5	-3.5	278.3	15.8	15.6	-2.3	305.5	318.6	4.5	100.4	6.1	97.
11.9	39.4	3960.1	625.0	-3.3	-4.1	283.9	16.8	16.3	-4.0	309.3	322.5	4.5	93.9	7.1	98.
13.1	42.1	4283.7	600.0	-3.9	-5.3	288.2	18.6	17.7	-5.8	312.2	325.0	4.3	90.2	8.3	98.
14.5	45.0	4619.0	575.0	-5.5	-6.9	288.8	22.2	21.1	-7.2	314.1	326.0	4.0	89.5	10.0	101.
15.7	48.0	4966.4	550.0	-8.4	-9.8	279.4	18.5	18.2	-3.0	314.5	324.6	3.3	90.1	11.5	102.
16.9	50.9	5325.1	525.0	-11.4	-12.6	255.9	17.3	16.7	4.2	315.0	323.5	2.8	91.2	12.7	101.
18.0	54.0	5698.3	500.0	-13.2	-14.1	240.3	20.9	18.2	10.4	317.3	325.3	2.6	92.6	13.8	98.
19.3	57.0	6097.5	475.0	-15.5	-16.6	240.1	23.5	20.3	11.7	319.0	325.9	2.2	91.3	15.2	93.
20.7	60.5	6494.4	450.0	-18.0	-19.5	236.4	24.4	20.3	13.5	320.8	326.6	1.8	87.7	17.0	90.
22.1	64.0	6919.8	425.0	-20.2	-21.9	228.6	24.3	18.3	16.1	323.3	328.4	1.6	86.0	18.7	86.
23.5	67.5	7366.8	400.0	-23.6	-25.8	223.8	26.0	18.0	18.7	324.3	328.3	1.2	82.5	20.4	82.
25.1	71.2	7835.4	375.0	-27.2	-30.3	216.3	28.3	16.7	22.8	325.6	328.4	0.8	74.8	22.3	77.
26.9	75.2	8328.7	350.0	-31.1	-34.5	221.7	31.1	20.7	23.2	326.7	328.8	0.6	72.2	24.9	73.
28.3	79.4	8850.1	325.0	-34.8	-38.3	224.4	33.4	23.4	23.9	328.7	330.2	0.4	70.2	27.2	70.
29.7	83.5	9404.1	300.0	-39.1	-42.9	221.2	35.7	23.6	26.9	330.2	331.3	0.3	66.4	30.0	67.
31.3	88.2	9993.7	275.0	-44.4	-49.9	215.7	38.7	22.6	31.4	330.9	999.9	99.9	999.9	33.0	64.
32.9	93.2	10625.2	250.0	-49.9	-57.9	216.8	43.2	25.9	34.6	331.9	999.9	99.9	999.9	36.4	61.
34.7	98.4	11305.0	225.0	-55.7	-65.9	216.7	45.6	27.3	36.6	333.1	999.9	99.9	999.9	40.7	59.
36.6	104.0	12044.0	200.0	-62.5	-71.9	214.4	46.6	26.3	38.4	333.8	999.9	99.9	999.9	45.9	56.
38.5	110.3	12856.6	175.0	-67.7	-79.9	232.9	42.5	33.9	25.7	338.2	999.9	99.9	999.9	50.7	54.
40.9	117.0	13800.6	150.0	-62.3	-71.9	999.9	99.9	99.9	99.9	362.8	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9

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

STATION NO. 451
DODGE CITY, KAN

25 APRIL 1975
530 GMT

157 21. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	921.6	14.4	11.4	140.0	3.1	-2.0	2.4	295.6	320.0	9.2	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	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	15.8	993.7	900.0	16.6	9.5	999.9	99.9	99.9	99.9	299.7	322.3	8.3	62.0	999.9	999.9
1.6	18.3	1233.3	875.0	15.2	6.7	999.9	99.9	99.9	99.9	300.5	319.9	7.1	56.9	999.9	999.9
2.3	20.7	1478.2	850.0	13.1	5.7	999.9	99.9	99.9	99.9	300.7	319.5	6.8	60.9	999.9	999.9
3.1	23.3	1728.4	825.0	10.8	3.4	999.9	99.9	99.9	99.9	310.8	317.3	6.0	60.4	999.9	999.9
3.9	25.9	1984.7	800.0	9.2	1.0	999.9	99.9	99.9	99.9	301.6	316.1	5.2	56.4	999.9	999.9
4.8	28.5	2247.5	775.0	7.6	-7.3	999.9	99.9	99.9	99.9	302.4	310.8	2.9	33.9	999.9	999.9
5.8	31.2	2516.7	750.0	6.9	-13.2	999.9	99.9	99.9	99.9	304.3	310.0	1.9	22.7	999.9	999.9
6.6	34.0	2755.2	725.0	7.2	-21.0	999.9	99.9	99.9	99.9	307.4	310.6	1.0	11.3	999.9	999.9
7.5	36.6	3083.0	700.0	5.9	-25.7	999.9	99.9	99.9	99.9	309.1	311.3	0.7	8.1	999.9	999.9
8.5	39.6	3378.8	675.0	3.6	-27.1	999.9	99.9	99.9	99.9	309.8	311.8	0.6	8.3	999.9	999.9
9.4	42.3	3683.6	650.0	1.2	-28.7	999.9	99.9	99.9	99.9	310.4	312.2	0.5	8.5	999.9	999.9
10.5	45.3	3997.3	625.0	-1.5	-30.4	999.9	99.9	99.9	99.9	310.8	312.4	0.5	8.8	999.9	999.9
11.5	48.4	4320.4	600.0	-4.6	-32.5	301.3	10.2	8.7	-5.3	310.8	312.2	0.4	9.1	3.9	127.
12.5	51.3	4653.4	575.0	-7.3	-34.3	304.1	9.9	8.2	-5.5	311.4	312.7	0.4	9.4	4.4	127.
13.6	54.6	4997.6	550.0	-10.5	-36.4	307.6	12.6	10.0	-7.7	311.6	312.6	0.3	9.7	5.2	127.
14.7	57.6	5353.9	525.0	-13.0	-38.1	303.2	15.5	13.0	-8.5	312.8	313.7	0.3	10.0	6.1	127.
15.9	60.9	5724.6	500.0	-14.7	-39.3	299.7	16.3	14.2	-8.1	315.1	315.9	0.2	10.1	7.3	126.
17.3	64.4	6111.4	475.0	-16.9	-40.9	302.0	17.4	14.8	-9.2	317.0	317.8	0.2	10.3	8.7	125.
18.6	67.9	6514.0	450.0	-20.7	-43.6	299.3	18.3	16.0	-8.9	317.2	317.8	0.2	10.7	10.1	124.
20.1	71.2	6933.9	425.0	-23.9	-45.9	300.5	18.3	15.8	-9.3	318.3	318.8	0.1	11.0	11.7	124.
21.6	75.9	7372.8	400.0	-28.0	-48.8	298.6	18.8	16.5	-9.0	318.6	319.0	0.1	11.5	13.3	123.
23.2	79.0	7832.7	375.0	-32.0	-51.8	296.2	20.9	18.7	-9.2	319.1	319.4	0.1	11.9	15.3	122.
24.9	82.9	8317.4	350.0	-35.2	-54.2	296.1	25.0	22.5	-11.0	321.2	321.5	0.1	12.2	17.5	122.
26.6	86.8	8829.4	325.0	-39.4	-57.4	294.7	25.2	22.9	-10.5	322.2	322.4	0.0	12.6	20.2	121.
28.4	91.2	9372.7	300.0	-43.6	99.9	293.1	26.1	24.0	-10.2	323.9	999.9	99.9	999.9	22.8	120.
30.7	95.8	9951.2	275.0	-48.7	99.9	284.0	28.9	28.0	-7.0	324.7	999.9	99.9	999.9	26.6	118.
32.8	100.5	10571.4	250.0	-53.6	99.9	288.1	38.3	36.4	-11.9	326.4	999.9	99.9	999.9	30.7	117.
35.4	105.3	11243.7	225.0	-56.7	99.9	296.6	37.4	33.4	-16.7	331.6	999.9	99.9	999.9	37.1	116.
37.9	111.3	11983.9	200.0	-60.1	99.9	289.2	23.5	22.2	-7.7	337.7	999.9	99.9	999.9	41.7	116.
40.9	117.3	12808.9	175.0	-63.5	99.9	276.0	32.7	32.5	-3.4	345.1	999.9	99.9	999.9	46.9	114.
44.1	124.3	13772.0	150.0	-59.6	99.9	274.7	28.0	27.9	-2.3	367.4	999.9	99.9	999.9	52.0	112.
48.1	131.3	14906.0	125.0	-61.6	99.9	262.0	27.1	26.9	3.9	383.4	999.9	99.9	999.9	57.4	109.
53.4	139.3	16289.0	100.0	-61.8	99.9	256.6	21.3	20.7	4.9	406.3	999.9	99.9	999.9	64.6	106.
59.7	147.7	18071.9	75.0	-58.1	99.9	230.7	7.8	5.7	4.7	451.2	999.9	99.9	999.9	70.5	104.
67.8	157.0	20582.7	50.0	-61.2	99.9	300.1	1.9	1.8	-0.9	499.2	999.9	99.9	999.9	72.4	104.
80.9	167.5	25026.8	25.0	-55.6	99.9	20.1	3.8	-1.3	-3.6	625.0	999.9	99.9	999.9	73.3	104.

* BY SPEED MEANS ELEVATION 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

25 APRIL 1975
520 GMT

157 31. 0

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	268.0	979.0	16.1	15.6	320.0	2.6	1.7	-2.0	292.5	322.3	11.5	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	6.5	303.2	975.0	16.9	15.8	999.9	99.9	99.9	99.9	293.7	324.1	11.7	93.4	999.9	999.
0.9	8.6	525.8	950.0	17.3	14.8	999.9	99.9	99.9	99.9	296.2	325.8	11.2	85.4	999.9	999.
1.8	10.6	753.8	925.0	16.1	13.3	999.9	99.9	99.9	99.9	297.2	324.9	10.4	83.0	999.9	979.
2.7	12.6	986.7	900.0	14.3	12.4	64.4	8.4	-7.5	-3.6	297.6	324.5	10.1	88.2	0.3	219.
3.7	14.8	1224.5	875.0	12.8	10.2	57.9	5.8	-4.9	-3.1	298.3	322.4	9.0	83.7	0.7	240.
4.6	16.9	1468.1	850.0	11.6	8.4	13.8	5.4	-1.3	-5.2	299.4	321.6	8.2	80.8	1.0	233.
5.5	19.1	1717.4	825.0	10.2	5.2	351.5	7.4	1.1	-7.4	300.2	318.9	6.8	71.5	1.2	222.
6.5	21.2	1973.9	800.0	10.3	-1.1	338.2	11.5	4.2	-10.6	302.7	315.3	4.4	45.0	1.6	204.
7.5	23.5	2237.2	775.0	8.4	-1.7	328.7	13.5	7.0	-11.5	303.4	315.9	4.4	49.0	2.1	189.
8.5	25.8	2507.7	750.0	7.6	-1.4	313.8	14.8	10.7	-10.2	305.4	318.7	4.6	53.0	2.8	175.
9.7	29.2	2786.4	725.0	5.5	-4.1	304.8	15.1	12.4	-8.6	306.0	317.3	3.9	49.9	3.6	163.
10.7	30.7	3072.1	700.0	2.8	-5.7	301.0	14.9	12.7	-7.7	306.0	316.3	3.5	52.8	4.4	154.
11.8	33.3	3365.2	675.0	0.3	-9.7	295.7	13.7	12.4	-5.9	306.3	314.4	2.7	46.9	5.2	149.
13.0	35.9	3666.9	650.0	-1.5	-14.0	286.6	12.3	11.8	-3.5	307.5	313.6	2.0	38.0	6.0	143.
14.1	38.4	3978.5	625.0	-2.6	-21.3	297.8	10.9	10.1	-4.0	309.6	313.2	1.1	21.9	6.6	139.
15.3	41.0	4300.9	600.0	-4.8	-23.1	300.2	11.4	9.9	-5.7	310.7	313.9	1.0	22.1	7.3	137.
16.5	43.9	4634.3	575.0	-7.2	-25.1	308.1	12.2	9.6	-7.5	311.6	314.4	0.9	22.2	8.1	135.
17.9	46.8	4978.7	550.0	-10.4	-27.0	310.2	13.5	10.3	-8.7	311.8	314.3	0.8	24.1	9.1	135.
19.0	49.8	5334.6	525.0	-13.6	-30.2	308.1	13.4	10.5	-8.3	312.1	314.1	0.6	23.0	10.1	134.
20.3	52.6	5703.3	500.0	-16.7	-34.5	304.9	13.5	11.1	-7.7	312.6	314.0	0.4	19.7	11.2	134.
21.9	55.6	6086.3	475.0	-20.1	-37.2	296.2	13.0	11.6	-5.7	313.1	314.2	0.3	20.0	12.3	132.
23.3	58.9	6484.1	450.0	-23.7	-38.1	286.1	14.9	14.3	-4.1	313.5	314.6	0.3	24.8	13.5	131.
24.9	62.3	6898.8	425.0	-27.3	-40.4	279.8	17.2	16.9	-2.9	314.0	314.9	0.3	27.2	14.9	128.
26.7	65.6	7331.7	400.0	-31.1	-44.4	280.1	18.8	18.5	-3.3	314.5	315.1	0.2	25.4	16.6	124.
28.6	69.4	7786.3	375.0	-34.4	-47.3	276.5	20.3	20.0	-3.4	316.1	316.6	0.1	25.3	18.6	122.
30.6	73.2	8265.4	350.0	-37.8	-50.3	274.3	18.1	18.0	-1.4	317.7	318.1	0.1	25.4	20.6	119.
32.6	77.2	8772.7	325.0	-40.8	99.9	277.3	18.0	17.8	-2.3	320.4	999.9	99.9	999.9	22.7	117.
34.5	81.3	9311.8	300.0	-45.6	99.9	275.8	19.1	19.0	-1.9	321.2	999.9	99.9	999.9	24.7	115.
36.4	85.7	9890.6	275.0	-46.7	99.9	257.7	16.7	16.3	3.6	327.6	999.9	99.9	999.9	26.7	113.
38.7	90.5	10516.4	250.0	-50.3	99.9	241.7	21.0	18.5	10.0	331.3	999.9	99.9	999.9	28.5	109.
41.5	95.6	11202.0	225.0	-51.8	99.9	226.3	24.9	21.6	20.6	339.2	999.9	99.9	999.9	31.4	103.
44.2	101.0	11959.8	200.0	-55.8	99.9	244.6	23.8	21.5	10.2	344.4	999.9	99.9	999.9	34.4	97.
47.7	107.3	12903.2	175.0	-57.9	99.9	235.0	23.4	23.0	4.5	354.3	999.9	99.9	999.9	39.4	95.
51.4	114.0	13772.2	150.0	-57.3	99.9	256.8	28.0	27.3	6.4	371.4	999.9	99.9	999.9	44.9	92.
55.8	122.0	14912.9	125.0	-60.9	99.9	269.6	25.2	25.2	0.2	384.7	999.9	99.9	999.9	52.2	90.
61.1	131.0	16299.2	100.0	-59.7	99.9	273.4	25.4	25.4	-1.5	412.4	999.9	99.9	999.9	61.1	90.
68.5	141.0	18115.2	75.0	-58.1	99.9	269.2	11.1	11.1	0.2	451.0	999.9	99.9	999.9	69.8	90.
77.5	152.5	20639.1	50.0	-60.6	99.9	280.4	6.3	6.2	-1.1	500.8	999.9	99.9	999.9	71.7	90.
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. 480
FORT TOTTEN, N Y

25 APRIL 1975
515 GMT

153 23. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	8.0	1007.3	15.1	14.6	999.9	99.9	99.9	99.9	289.0	315.8	10.5	97.0	999.9	999.
0.1	5.7	69.9	1000.0	15.0	14.5	999.9	99.9	99.9	99.9	289.5	316.4	10.5	97.2	999.9	999.
0.8	7.9	255.1	975.0	15.3	15.1	999.9	99.9	99.9	99.9	292.1	320.9	11.2	98.3	999.9	999.
1.7	10.1	505.6	950.0	14.3	14.0	999.9	99.9	99.9	99.9	293.1	320.7	10.6	98.2	999.9	999.
2.7	12.2	731.0	925.0	13.0	12.7	999.9	99.9	99.9	99.9	293.9	320.2	10.0	98.0	999.9	999.
3.5	14.5	961.3	900.0	11.4	10.9	999.9	99.9	99.9	99.9	294.4	318.6	9.2	96.9	999.9	999.
4.4	16.5	1196.3	875.0	9.5*	9.9	999.9	99.9	99.9	99.9	294.1	999.9	99.9	999.9	999.9	999.
5.3	18.9	1435.7	850.0	8.2*	99.9	999.9	99.9	99.9	99.9	294.7	999.9	99.9	999.9	999.9	999.
6.2	21.1	1681.2	825.0	7.0*	99.9	999.9	99.9	99.9	99.9	296.0	999.9	99.9	999.9	999.9	999.
7.2	23.5	1933.2	800.0	5.6*	99.9	999.9	99.9	99.9	99.9	297.2	999.9	99.9	999.9	999.9	999.
8.1	25.8	2191.5	775.0	4.4*	99.9	999.9	99.9	99.9	99.9	298.5	999.9	99.9	999.9	999.9	999.
9.1	28.4	2457.7	750.0	3.0*	99.9	999.9	99.9	99.9	99.9	299.8	999.9	99.9	999.9	999.9	999.
10.1	31.0	2731.6	725.0	1.5	0.9	999.9	99.9	99.9	99.9	301.8	317.6	5.7	96.1	999.9	999.
11.2	33.5	3014.2	700.0	0.3	-0.3	999.9	99.9	99.9	99.9	303.5	318.7	5.4	95.9	999.9	999.
12.4	36.1	3306.0	675.0	-0.3*	99.9	999.9	99.9	99.9	99.9	306.0	999.9	99.9	999.9	999.9	999.
13.6	38.9	3606.7	650.0	-2.2*	99.9	999.9	99.9	99.9	99.9	306.5	999.9	99.9	999.9	999.9	999.
14.8	41.4	3916.9	625.0	-4.2*	99.9	999.9	99.9	99.9	99.9	307.7	999.9	99.9	999.9	999.9	999.
16.1	44.3	4237.2	600.0	-6.3*	99.9	999.9	99.9	99.9	99.9	308.9	999.9	99.9	999.9	999.9	999.
17.4	47.2	4568.5	575.0	-8.5*	99.9	999.9	99.9	99.9	99.9	310.1	999.9	99.9	999.9	999.9	999.
18.7	50.2	4911.7	550.0	-10.7*	99.9	999.9	99.9	99.9	99.9	311.4	999.9	99.9	999.9	999.9	999.
19.9	53.0	5267.8	525.0	-12.8*	99.9	999.9	99.9	99.9	99.9	313.1	999.9	99.9	999.9	999.9	999.
21.3	56.0	5638.1	500.0	-15.0*	99.9	999.9	99.9	99.9	99.9	314.8	999.9	99.9	999.9	999.9	999.
22.7	59.3	6024.3	475.0	-17.4*	99.9	999.9	99.9	99.9	99.9	316.4	999.9	99.9	999.9	999.9	999.
24.2	62.6	6427.4	450.0	-19.9*	99.9	999.9	99.9	99.9	99.9	318.2	999.9	99.9	999.9	999.9	999.
25.6	65.9	6849.1	425.0	-22.3*	99.9	999.9	99.9	99.9	99.9	320.4	999.9	99.9	999.9	999.9	999.
27.2	69.4	7292.3	400.0	-25.0*	99.9	999.9	99.9	99.9	99.9	322.6	999.9	99.9	999.9	999.9	999.
28.8	73.0	7758.4	375.0	-28.6	-31.4	999.9	99.9	99.9	99.9	323.7	326.2	0.7	76.5	999.9	999.
30.6	76.8	8248.9	350.0	-32.3	-35.4	999.9	99.9	99.9	99.9	325.1	327.0	0.5	73.6	999.9	999.
32.3	80.4	8766.5	325.0	-36.9	-40.6	999.9	99.9	99.9	99.9	325.7	328.9	0.3	67.9	999.9	999.
34.5	85.0	9316.0	300.0	-41.1	99.9	999.9	99.9	99.9	99.9	327.5	999.9	99.9	999.9	999.9	999.
36.7	89.0	9900.4	275.0	-46.4*	99.9	999.9	99.9	99.9	99.9	328.1	999.9	99.9	999.9	999.9	999.
38.7	93.5	10526.9	250.0	-51.4	99.9	999.9	99.9	99.9	99.9	329.6	999.9	99.9	999.9	999.9	999.
41.2	98.4	11202.1	225.0	-57.0	99.9	999.9	99.9	99.9	99.9	331.2	999.9	99.9	999.9	999.9	999.
43.9	103.8	11937.7	200.0	-63.1	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.
46.8	109.5	12751.6	175.0	-66.6	99.9	999.9	99.9	99.9	99.9	340.0	999.9	99.9	999.9	999.9	999.
50.2	115.6	13655.5	150.0	-62.3	99.9	999.9	99.9	99.9	99.9	362.8	999.9	99.9	999.9	999.9	999.
54.6	122.8	14825.5	125.0	-57.8	99.9	999.9	99.9	99.9	99.9	390.4	999.9	99.9	999.9	999.9	999.
60.6	130.5	16235.3	100.0	-57.5	99.9	999.9	99.9	99.9	99.9	416.7	999.9	99.9	999.9	999.9	999.
68.7	139.0	18026.7	75.0	-63.9	99.9	999.9	99.9	99.9	99.9	439.0	999.9	99.9	999.9	999.9	999.
79.5	147.3	20539.6	50.0	-60.1	99.9	999.9	99.9	99.9	99.9	502.1	999.9	99.9	999.9	999.9	999.
97.2	156.3	24909.9	25.0	-55.7	99.9	999.9	99.9	99.9	99.9	625.0	999.9	99.9	999.9	999.9	999.

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

STATION NO. 518
ALBANY, N Y

25 APRIL 1975
515 GMT

163 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 CGMP M/SEC	V CCMP M/SEC	POT T GG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	86.0	1000.2	10.9	8.1	310.0	6.7	5.1	-4.3	284.0	302.4	6.8	83.0	0.0	0.
0.0	6.1	87.7	1000.0	10.9	8.1	309.4	6.6	5.1	-4.2	284.0	302.4	6.8	82.9	0.0	2.
0.8	8.4	258.7	975.0	9.5	7.4	265.6	3.0	3.0	0.2	285.0	302.8	6.7	86.6	0.7	114.
1.6	10.6	514.9	950.0	10.0	8.6	328.1	7.9	4.2	-6.7	288.3	307.5	7.4	91.1	0.9	127.
2.5	12.9	737.1	925.0	10.4	8.8	332.5	5.8	2.7	-5.1	290.9	311.1	7.7	89.7	1.2	130.
3.2	15.2	966.0	900.0	10.8	6.8	304.5	8.4	6.9	-4.8	293.5	312.0	6.9	76.5	1.6	132.
4.0	17.5	1200.7	875.0	9.2	7.7	287.0	9.4	9.0	-2.7	294.4	314.6	7.6	90.2	2.0	127.
4.9	19.9	1441.0	850.0	7.9	6.9	277.0	9.2	9.2	-1.1	295.4	315.2	7.4	93.1	2.5	122.
5.8	22.2	1587.3	825.0	6.6	5.7	271.9	7.9	7.9	-0.3	296.4	315.3	7.0	94.0	2.9	118.
6.6	24.8	1939.8	800.0	4.9	4.0	275.6	6.3	6.3	-0.6	297.2	314.6	6.4	93.7	3.2	115.
7.5	27.1	2198.7	775.0	3.3	2.4	275.1	7.8	7.8	-0.7	298.1	314.3	5.9	93.8	3.6	113.
8.4	29.5	2463.8	750.0	1.7	-7.7	273.4	8.3	8.3	-0.5	298.8	307.0	2.9	49.7	4.0	111.
9.2	32.4	2737.5	725.0	1.4	-16.7	276.3	8.3	8.3	-0.9	301.2	305.5	1.4	24.6	4.4	110.
10.1	35.2	3015.2	700.0	-0.2	-17.0	279.9	8.9	8.7	-1.5	302.5	306.8	1.4	26.8	4.8	109.
11.2	37.8	3309.1	675.0	-2.3	-25.0	283.3	9.5	9.1	-2.5	303.2	305.5	0.7	15.6	5.4	108.
12.7	40.5	3608.1	650.0	-3.1	-50.5	282.5	8.3	8.1	-1.8	305.4	305.6	0.1	1.2	6.2	107.
14.1	43.3	3917.6	625.0	-4.3	-52.6	269.6	8.4	8.4	0.1	307.6	307.7	0.0	1.0	6.9	107.
15.5	46.3	4238.0	600.0	-6.4	-54.0	265.4	10.3	10.2	0.9	308.7	308.8	0.0	1.0	7.6	104.
16.7	49.3	4569.2	575.0	-8.4	-45.7	276.4	12.0	11.9	-1.3	310.1	310.5	0.1	3.2	8.4	103.
17.8	52.1	4911.8	550.0	-11.6	-37.1	290.1	13.8	12.9	-4.7	310.4	311.3	0.3	9.9	9.3	103.
19.1	55.3	5266.2	525.0	-15.1	-32.2	294.6	15.0	13.6	-6.2	310.3	311.9	0.5	21.6	10.4	104.
20.3	58.4	5632.8	500.0	-18.2	-25.0	297.8	15.8	13.9	-7.4	310.9	314.1	1.0	55.1	11.5	105.
21.7	61.8	6014.7	475.0	-20.1	-24.6	282.0	19.6	18.2	-3.9	313.2	316.7	1.1	67.3	12.8	107.
23.2	65.2	6414.8	450.0	-21.7	-25.0	264.7	25.5	25.4	2.3	316.0	319.7	1.1	74.7	14.8	104.
24.8	68.6	6834.6	425.0	-23.6	-29.0	257.4	30.8	30.1	6.7	318.8	321.6	0.8	61.0	17.4	100.
26.4	72.0	7275.1	400.0	-26.8	-31.3	255.4	30.9	29.9	7.8	320.2	322.5	0.7	65.4	20.1	97.
28.0	76.0	7737.3	375.0	-30.5	-37.9	251.3	33.6	31.8	10.8	321.2	322.5	0.4	47.8	22.8	94.
29.6	80.0	8224.8	350.0	-33.6	-39.8	244.9	32.6	29.6	13.8	323.4	324.6	0.3	53.1	25.8	91.
31.3	83.9	8740.4	325.0	-37.9	-44.3	241.6	32.2	28.3	15.3	324.4	325.3	0.2	50.2	28.8	88.
33.3	88.0	9286.0	300.0	-42.7	99.9	239.5	33.2	28.6	16.8	325.2	999.9	99.9	999.9	32.4	85.
35.4	92.8	9865.2	275.0	-48.6	99.9	239.7	36.0	31.1	18.1	324.9	999.9	99.9	999.9	36.5	82.
37.6	97.4	10485.0	250.0	-53.2	99.9	245.0	38.0	34.4	16.1	326.9	999.9	99.9	999.9	40.7	79.
39.9	102.5	11155.8	225.0	-58.1	99.9	244.5	43.4	39.2	18.7	329.5	999.9	99.9	999.9	46.4	76.
42.9	108.3	11891.3	200.0	-62.0	99.9	255.1	40.3	38.9	10.3	334.7	999.9	99.9	999.9	54.7	77.
46.2	114.0	12715.5	175.0	-62.3	99.9	264.9	38.1	38.0	3.4	347.1	999.9	99.9	999.9	63.4	77.
49.7	120.7	13676.0	150.0	-58.8	99.9	268.5	28.3	28.3	0.7	368.8	999.9	99.9	999.9	70.4	78.
54.1	128.0	14822.2	125.0	-58.0	99.9	273.5	27.0	26.9	-1.6	389.9	999.9	99.9	999.9	76.9	79.
59.8	136.3	16234.1	100.0	-56.5	99.9	284.3	22.8	22.1	-5.6	418.6	999.9	99.9	999.9	84.7	81.
66.3	144.7	18052.3	75.0	-58.7	99.9	295.8	13.4	12.1	-5.8	449.9	999.9	99.9	999.9	94.4	84.
75.3	154.0	20590.8	50.0	-57.2	99.9	337.6	4.8	1.8	-4.4	508.8	999.9	99.9	999.9	98.2	84.
89.8	163.7	24998.7	25.0	-53.6	99.9	58.2	4.4	-3.7	-2.3	631.1	999.9	99.9	999.9	95.5	84.

* BY SPEED MEANS ELEVATION 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. 520
PITTSBURG, PA

25 APRIL 1975
515 GMT

159 15. 0

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GF/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	359.0	971.0	12.0	9.9	300.0	3.1	2.7	-1.5	288.6	309.1	7.9	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	99.7	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	9.9	542.7	950.0	11.6	11.2	999.9	99.9	99.9	99.9	290.1	313.0	8.8	97.0	999.9	999.
1.4	12.2	766.6	925.0	12.8	11.0	999.9	99.9	99.9	99.9	293.6	317.1	9.0	88.7	999.9	999.
2.1	14.3	996.9	900.0	11.6	9.8	304.2	4.3	3.6	-2.4	264.6	317.2	8.5	89.0	0.7	151.
2.9	17.1	1232.8	875.0	10.4	9.3	290.6	6.1	5.7	-2.1	295.7	318.2	8.5	92.8	0.9	141.
3.7	19.9	1474.0	850.0	8.6	7.8	283.4	7.0	6.8	-1.6	296.2	317.2	7.8	94.2	1.1	132.
4.5	22.3	1720.6	825.0	6.6	5.9	285.9	6.0	5.8	-1.6	296.5	315.6	7.1	95.2	1.4	126.
5.3	25.7	1973.0	800.0	5.1	4.3	290.0	7.3	6.8	-2.5	297.4	315.2	6.5	95.0	1.7	123.
6.2	27.6	2232.4	775.0	4.6	3.4	287.9	9.7	9.2	-3.0	299.6	317.0	6.3	91.8	2.1	120.
7.1	30.4	2499.1	750.0	2.7	0.8	284.3	10.4	10.1	-2.6	300.3	315.4	5.4	86.8	2.7	117.
8.1	33.2	2773.0	725.0	0.6	-1.0	284.1	11.5	10.9	-3.6	300.6	312.1	4.0	72.8	3.3	115.
9.0	35.8	3053.8	700.0	-1.1	-13.6	297.0	12.6	11.3	-5.7	301.5	307.2	1.9	36.0	4.0	114.
10.1	38.9	3343.3	675.0	-1.7	-22.8	298.0	13.3	11.8	-6.3	303.8	306.7	0.9	18.1	4.9	115.
11.0	41.4	3643.1	650.0	-2.6	-23.7	297.6	12.5	11.1	-5.8	306.2	308.9	0.9	17.8	5.6	115.
12.0	44.5	3952.9	625.0	-4.7	-27.1	300.6	11.7	10.1	-6.0	307.1	309.3	0.7	15.4	6.3	116.
13.1	47.7	4272.7	600.0	-7.0	-29.7	299.3	11.9	10.3	-5.8	308.0	309.8	0.5	14.4	7.0	116.
14.1	50.7	4603.0	575.0	-9.6	-30.2	294.9	11.7	10.6	-4.9	308.8	310.5	0.5	16.8	7.9	117.
15.3	54.7	4944.8	550.0	-11.5	-27.1	288.9	10.8	10.2	-3.5	310.5	312.9	0.7	25.9	8.6	116.
16.5	57.1	5300.4	525.0	-13.8	-21.4	289.9	13.3	12.5	-4.5	312.0	316.2	1.3	52.3	9.3	115.
17.7	60.5	5670.7	500.0	-15.0	-26.8	288.6	19.3	18.3	-6.1	314.8	317.8	0.9	37.2	10.6	115.
19.0	64.1	6055.6	475.0	-17.7	-44.6	285.5	24.4	23.5	-6.5	316.0	316.6	0.1	7.4	12.1	114.
20.3	67.7	6459.4	450.0	-20.1	-58.0	280.8	28.9	28.4	-5.4	317.9	318.1	0.0	2.6	14.3	112.
21.6	71.2	6882.3	425.0	-21.4	-63.6	279.6	34.1	33.6	-5.7	321.5	321.5	0.0	1.0	16.8	110.
23.2	75.2	7326.3	400.0	-24.8	-65.8	284.2	37.1	35.9	-9.1	322.7	322.8	0.0	1.0	20.0	109.
24.8	79.2	7791.6	375.0	-29.4	-57.6	284.3	37.8	36.6	-9.3	322.6	322.8	0.0	4.6	23.6	108.
26.4	83.2	8275.8	350.0	-33.7	-56.4	285.2	42.3	40.8	-11.1	323.3	323.5	0.0	8.0	27.7	108.
28.3	87.3	8794.0	325.0	-38.6	99.9	286.4	40.5	38.5	-12.8	323.4	999.9	99.9	999.9	32.2	108.
30.3	92.0	9338.3	300.0	-43.0	99.9	287.9	46.5	44.2	-14.3	324.7	999.9	99.9	999.9	37.4	108.
32.3	96.6	9919.8	275.0	-47.0	99.9	283.0	46.6	45.4	-10.4	327.1	999.9	99.9	999.9	43.0	108.
34.6	101.4	10546.0	250.0	-50.3	99.9	271.1	40.7	40.6	-0.7	331.3	999.9	99.9	999.9	48.7	106.
36.9	106.8	11224.7	225.0	-56.2	99.9	265.4	38.1	38.0	2.8	332.4	999.9	99.9	999.9	54.5	104.
39.3	112.3	11965.5	200.0	-60.0	99.9	262.0	45.1	44.7	6.3	337.8	999.9	99.9	999.9	59.6	103.
42.1	118.3	12787.8	175.0	-64.1	99.9	261.1	30.1	29.8	4.7	344.2	999.9	99.9	999.9	65.7	100.
44.9	125.0	13743.6	150.0	-61.3	99.9	259.5	21.4	21.0	3.9	364.4	999.9	99.9	999.9	71.3	100.
48.6	131.5	14880.1	125.0	-58.1	99.9	272.5	27.9	27.9	-1.2	389.8	999.9	99.9	999.9	77.2	99.
53.0	138.5	16285.0	100.0	-57.2	99.9	278.5	17.4	17.2	-2.6	417.4	999.9	99.9	999.9	83.9	98.
58.6	145.8	18084.4	75.0	-62.5	99.9	242.6	10.7	9.5	4.9	441.8	999.9	99.9	999.9	87.3	98.
66.3	153.5	20609.3	50.0	-58.1	99.9	289.6	8.1	7.6	-2.7	506.7	999.9	99.9	999.9	84.8	97.
79.1	161.7	25029.8	25.0	-53.1	99.9	92.6	2.7	-2.7	0.1	632.4	999.9	99.9	999.9	87.7	98.

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

STATION NO. 528
BUFFALO, N Y

25 APRIL 1975
515 GMT

159 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	218.0	989.2	6.1	3.3	360.0	2.6	0.0	-2.6	280.8	293.4	4.9	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	99.9
0.3	6.8	336.7	975.0	5.6	1.9	348.5	7.2	1.4	-7.1	281.4	293.1	4.5	77.4	0.0	180.
1.1	5.0	548.6	950.0	3.6	2.3	357.8	6.0	0.2	-6.0	281.5	293.8	4.7	90.7	0.2	171.
1.8	10.9	765.1	925.0	2.5	2.0	12.8	4.2	-0.9	-4.1	282.5	294.9	4.8	96.2	0.4	178.
2.5	13.1	986.2	900.0	0.9	0.5	359.5	3.7	0.0	-3.7	283.0	294.5	4.4	97.2	0.6	183.
3.3	15.2	1213.9	875.0	2.9	-1.8	305.1	4.6	3.8	-2.7	287.3	297.7	3.9	71.8	0.7	175.
4.0	17.3	1449.2	850.0	4.2	-6.3	312.5	7.3	5.4	-4.9	290.9	298.8	2.8	46.3	0.9	142.
4.7	10.5	1692.5	825.0	4.8	-10.9	310.4	7.2	5.5	-4.7	294.0	299.8	2.0	30.9	1.2	156.
5.5	21.6	1943.3	800.0	4.8	-16.0	294.5	8.9	8.1	-3.7	296.4	300.5	1.4	20.4	1.5	148.
6.2	24.0	2201.4	775.0	3.5	-12.2	298.7	11.2	9.9	-5.4	297.8	303.4	1.9	30.6	1.9	141.
7.0	26.2	2466.5	750.0	2.1	-22.6	298.5	12.2	10.8	-5.8	298.9	301.5	0.8	14.0	2.4	147.
7.9	28.7	2740.0	725.0	1.6	-19.9	295.7	11.6	10.4	-5.0	301.3	304.7	1.1	18.4	3.1	132.
8.8	31.2	3021.7	700.0	0.1	-23.0	290.0	10.7	10.1	-3.7	302.7	305.4	0.9	15.6	3.6	129.
9.6	33.8	3312.1	675.0	-1.6	-22.9	289.3	10.9	10.2	-3.6	303.9	306.7	0.9	17.8	4.2	126.
10.6	36.2	3611.3	650.0	-3.5	-24.3	287.4	11.6	11.1	-3.5	305.1	307.7	0.8	18.2	4.8	124.
11.5	38.9	3919.9	625.0	-5.8	-25.3	284.4	12.7	12.3	-3.2	305.9	308.4	0.8	19.7	5.4	122.
12.4	41.4	4238.8	600.0	-7.5	-28.6	282.3	13.1	12.8	-2.8	307.5	309.5	0.6	16.5	6.1	120.
13.4	44.2	4569.5	575.0	-10.1	-29.2	284.5	14.0	13.5	-3.5	308.2	310.1	0.6	19.2	6.8	118.
14.3	47.1	4909.1	550.0	-13.1	-30.9	283.0	15.0	14.6	-3.4	308.5	310.3	0.5	20.7	7.7	116.
15.3	50.1	5261.8	525.0	-15.7	-31.6	282.8	14.3	14.0	-3.2	309.6	311.3	0.5	23.9	8.6	115.
16.6	53.0	5628.3	500.0	-17.3	-28.4	290.5	16.1	15.1	-5.7	311.4	313.8	0.7	38.5	9.6	114.
17.7	56.0	6009.6	475.0	-21.1	-27.4	288.2	17.9	17.0	-5.6	311.9	314.6	0.8	56.6	10.8	114.
18.8	59.3	6406.2	450.0	-24.3	-28.2	279.8	17.3	17.0	-3.0	312.7	315.4	0.8	69.7	12.0	113.
20.2	62.7	6820.7	425.0	-27.4	-32.1	271.1	16.0	16.0	-0.3	313.9	315.9	0.6	64.2	13.2	111.
21.6	66.0	7254.1	400.0	-30.4	-34.9	269.6	17.4	17.4	0.1	315.5	317.2	0.5	63.8	14.5	109.
23.0	69.7	7710.8	375.0	-33.2	-39.2	275.7	22.0	21.9	-2.2	317.6	318.8	0.3	54.7	16.1	107.
24.6	73.3	8193.1	350.0	-36.3	-53.8	266.9	23.2	23.2	1.3	319.7	320.0	0.1	14.4	18.2	106.
26.3	77.5	8703.0	325.0	-40.7	99.9	263.0	24.0	23.8	2.9	320.7	999.9	99.9	999.9	20.5	103.
28.0	81.4	9242.6	300.0	-45.2	99.9	257.9	23.1	22.6	4.8	321.6	999.9	99.9	999.9	22.7	101.
30.0	85.7	9817.2	275.0	-50.2	99.9	259.7	24.2	23.8	4.3	322.5	999.9	99.9	999.9	25.3	98.
32.0	90.4	10432.1	250.0	-55.0	99.9	260.4	27.4	27.0	4.6	324.4	999.9	99.9	999.9	28.4	96.
34.2	95.4	11103.2	225.0	-56.5	99.9	264.5	30.1	30.0	2.9	332.0	999.9	99.9	999.9	32.2	95.
36.8	100.8	11846.6	200.0	-58.3	99.9	262.3	33.9	33.6	4.5	340.5	999.9	99.9	999.9	37.0	93.
39.6	106.8	12682.7	175.0	-59.1	99.9	265.0	34.4	34.3	3.0	352.4	999.9	99.9	999.9	42.6	92.
43.0	113.3	13657.2	150.0	-55.1	99.9	264.5	27.8	27.6	2.7	375.2	999.9	99.9	999.9	48.7	91.
46.9	120.7	14818.4	125.0	-56.7	99.9	264.3	21.1	21.0	2.1	392.3	999.9	99.9	999.9	54.3	91.
52.0	129.3	16237.7	100.0	-56.1	99.9	269.3	20.5	20.5	0.2	419.4	999.9	99.9	999.9	61.1	90.
58.4	139.0	18053.0	75.0	-61.7	99.9	267.8	15.2	15.2	0.6	443.6	999.9	99.9	999.9	67.3	90.
66.7	149.0	20592.1	50.0	-57.9	99.9	305.8	7.9	6.4	-4.6	507.1	999.9	99.9	999.9	70.7	90.
80.0	159.7	25022.8	25.0	-52.0	99.9	77.4	3.6	-3.6	-0.8	635.7	999.9	99.9	999.9	68.9	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. 532
PEORIA, ILL

25 APRIL 1975
515 GMT

159 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	5.6	200.0	989.2	8.9	5.6	50.0	6.2	-4.7	-4.0	283.7	298.7	5.8	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	999.9
0.5	6.6	319.7	975.0	7.8	6.0	56.7	11.2	-9.4	-6.2	283.8	299.4	6.0	88.2	0.3	235.
1.3	8.6	533.7	950.0	6.9	6.6	58.4	10.1	-8.6	-5.3	285.1	301.8	6.5	98.6	0.9	236.
2.2	10.6	755.0	925.0	10.1	10.1	999.9	99.9	99.9	99.9	290.8	312.8	8.5	101.6	999.9	999.9
3.0	12.6	983.6	900.0	10.5	10.5	999.9	99.9	99.9	99.9	293.5	317.0	8.9	101.1	999.9	999.9
3.9	14.7	1218.9	875.0	10.0	9.9	999.9	99.9	99.9	99.9	295.4	318.8	8.8	99.6	999.9	999.9
4.8	16.6	1460.5	850.0	9.5	8.8	234.7	4.5	3.7	2.6	297.2	319.8	8.4	95.9	1.0	256.
5.8	18.9	1767.9	825.0	7.5	4.9	250.9	3.4	3.2	1.1	297.4	315.4	6.6	83.4	0.8	252.
6.6	20.9	1961.8	800.0	7.3	5.0	253.2	2.4	2.3	0.7	299.8	318.6	6.9	85.3	0.6	263.
7.5	23.3	2222.9	775.0	6.0	0.3	239.9	2.1	1.8	1.0	300.9	315.1	5.1	67.2	0.5	268.
8.6	25.5	2490.8	750.0	3.9	-2.2	240.2	1.9	1.6	0.9	301.4	313.8	4.4	64.4	0.4	276.
9.5	27.8	2765.5	725.0	2.2	-7.5	246.1	1.5	1.3	0.6	302.3	311.0	3.0	48.7	0.3	286.
10.6	30.2	3048.5	700.0	0.6	-9.8	293.1	2.2	2.0	-0.8	303.5	311.2	2.6	45.3	0.2	294.
11.5	32.8	3339.6	675.0	-1.4	-7.9	999.9	99.9	99.9	99.9	304.5	313.6	3.1	61.0	999.9	999.9
12.6	35.3	3639.3	650.0	-4.0	-8.7	999.9	99.9	99.9	99.9	304.8	313.7	3.0	69.6	999.9	999.9
13.9	37.7	3948.0	625.0	-5.7	-10.7	999.9	99.9	99.9	99.9	306.2	314.3	2.7	68.0	999.9	999.9
15.1	40.4	4267.6	600.0	-7.1	-19.7	999.9	99.9	99.9	99.9	308.1	312.3	1.3	35.8	999.9	999.9
16.3	42.9	4597.3	575.0	-10.4	-21.5	280.9	11.3	11.1	-2.1	308.0	311.7	1.2	39.5	2.9	109.
17.5	45.9	4938.2	550.0	-12.6	-21.3	273.7	9.9	9.8	-0.6	309.2	313.2	1.3	47.9	3.7	107.
18.6	48.6	5291.2	525.0	-15.7	-22.3	266.0	10.0	10.0	0.7	309.6	313.5	1.2	57.1	4.2	104.
19.7	51.4	5657.8	500.0	-17.8	-28.5	268.9	14.8	14.8	0.3	311.4	313.8	0.7	38.2	4.9	101.
20.8	54.5	6039.6	475.0	-20.4	-33.2	268.9	18.9	18.9	0.4	312.7	314.3	0.5	30.8	6.1	99.
22.1	57.5	6437.4	450.0	-23.6	-34.9	266.0	20.4	20.3	1.4	313.6	315.1	0.4	34.1	7.6	97.
23.4	60.8	6853.3	425.0	-26.0	-41.3	260.8	23.3	23.0	3.7	315.7	316.5	0.2	22.1	9.3	95.
24.9	64.1	7289.2	400.0	-28.6	-68.3	259.5	27.6	27.1	5.0	317.7	317.7	0.0	1.0	11.4	92.
26.3	67.6	7748.4	375.0	-32.1	-70.6	259.3	33.1	32.6	6.2	319.0	319.0	0.0	1.0	14.0	89.
27.9	71.1	8232.1	350.0	-35.3	-46.0	252.8	43.6	41.7	12.9	321.1	321.7	0.2	32.2	17.3	87.
29.4	75.0	8745.2	325.0	-37.8	-42.7	243.1	52.5	46.8	23.7	324.5	325.5	0.3	59.4	21.8	83.
31.2	79.2	9292.6	300.0	-41.7	99.9	234.7	54.5	44.5	31.4	326.6	999.9	99.9	999.9	27.1	78.
33.1	83.2	9876.7	275.0	-46.4	99.9	232.2	52.9	41.8	32.4	328.1	999.9	99.9	999.9	32.7	73.
35.0	87.6	10592.4	250.0	-51.7	99.9	233.6	56.9	45.8	33.8	329.3	999.9	99.9	999.9	38.6	70.
37.2	92.6	11179.7	225.0	-55.9	99.9	230.3	67.3	51.8	43.0	332.8	999.9	99.9	999.9	46.7	67.
39.9	97.9	11918.0	200.0	-61.0	99.9	237.9	64.9	55.0	34.5	336.1	999.9	99.9	999.9	56.9	64.
42.7	103.3	12739.8	175.0	-65.5	99.9	256.8	51.9*	50.1	13.6	341.9	999.9	99.9	999.9	67.8	65.
46.1	109.8	13688.5	150.0	-61.4	99.9	270.0	35.5*	35.5	-0.0	364.3	999.9	99.9	999.9	75.6	67.
50.6	116.7	14823.3	125.0	-61.5	99.9	265.7	30.8*	30.7	2.3	383.6	999.9	99.9	999.9	82.9	69.
56.2	125.3	16217.3	100.0	-59.0	99.9	265.0	22.3*	22.2	1.9	413.8	999.9	99.9	999.9	88.9	71.
62.8	135.0	18017.6	75.0	-61.4	99.9	250.4	13.1*	12.3	4.4	444.2	999.9	99.9	999.9	96.6	73.
72.6	145.5	20525.5	50.0	-60.0	99.9	106.7	2.6	-2.5	0.7	502.2	999.9	99.9	999.9	99.6	72.
88.5	157.0	24917.2	25.0	-53.8	99.9	55.9	6.5	-5.4	-3.6	629.9	999.9	99.9	999.9	100.0	72.

* BY SPEED MEANS ELEVATION 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. 553
OMAHA, NEB

25 APRIL 1975
538 GMT

146 31. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	400.0	963.7	12.1	10.3	30.0	4.1	-2.0	-3.6	289.4	310.7	8.2	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	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	8.2	521.0	950.0	14.4	12.7	37.8	6.3	-3.8	-5.0	293.1	318.7	9.8	89.8	0.2	308.
1.2	10.1	746.4	925.0	13.2	11.6	159.0	0.5	-0.2	0.5	294.1	318.7	9.4	89.9	0.2	267.
2.1	11.9	976.7	900.0	11.4	10.3	215.0	3.8	2.2	3.1	294.4	317.6	8.8	92.9	0.2	326.
3.0	13.9	1212.0	875.0	10.1	9.1	232.9	5.6	4.4	3.4	295.3	317.5	8.3	93.5	0.3	9.
3.8	15.3	1453.1	850.0	9.7	3.5	257.9	6.1	5.9	1.3	297.0	312.9	5.8	65.5	0.6	35.
4.8	17.9	1700.7	825.0	8.2	1.1	290.4	6.7	6.3	-2.3	297.9	311.9	5.0	60.8	0.8	58.
6.2	20.0	1953.8	800.0	6.1	0.9	296.9	8.2	7.3	-3.7	298.3	312.5	5.1	69.3	1.3	82.
7.3	22.0	2213.2	775.0	4.1	-1.1	302.4	9.7	8.2	-5.2	298.8	311.5	4.6	69.0	1.8	95.
8.4	24.2	2479.4	750.0	2.6	-9.8	297.3	9.4	8.3	-4.3	299.7	306.8	2.4	39.7	2.3	100.
9.4	26.2	2752.5	725.0	0.4	-17.9	300.6	11.7	10.1	-6.0	300.1	304.0	1.3	23.6	2.9	104.
10.6	28.5	3032.7	700.0	-2.1	-19.4	303.1	15.1	12.6	-8.2	300.3	303.9	1.2	25.0	3.9	109.
11.7	30.9	3320.9	675.0	-2.2	-36.1	300.1	17.5	15.1	-8.8	303.2	304.1	0.3	5.7	5.0	112.
12.9	33.3	3620.8	650.0	-2.3	-38.7	294.4	21.8	19.9	-9.0	306.4	307.1	0.2	4.1	6.3	113.
13.9	35.7	3931.1	625.0	-4.1	-44.1	290.6	23.9	22.4	-8.4	307.7	308.2	0.1	2.7	7.7	113.
15.1	38.1	4251.3	600.0	-6.5	-42.1	287.9	25.7	24.4	-7.9	308.6	309.2	0.2	3.9	9.5	112.
16.3	40.6	4582.1	575.0	-9.4	-43.5	287.4	26.0	24.8	-7.8	309.0	309.4	0.1	4.2	11.3	111.
17.5	43.3	4923.4	550.0	-12.5	-45.0	291.5	26.3	24.5	-9.6	309.2	309.7	0.1	4.6	13.3	111.
18.8	46.0	5276.2	525.0	-15.8	-44.9	296.2	25.3	22.7	-11.2	309.4	309.9	0.1	6.1	15.2	111.
20.2	49.0	5641.5	500.0	-18.9	-45.3	293.7	28.7	26.2	-11.5	309.9	310.4	0.1	7.6	17.5	112.
21.4	51.7	6021.5	475.0	-21.8	-47.2	291.6	30.9	28.2	-11.4	310.9	311.3	0.1	7.9	19.7	112.
22.6	54.9	6417.0	450.0	-24.9	-48.4	297.9	29.5	26.1	-13.8	311.9	312.3	0.1	9.1	22.1	112.
24.2	57.6	6829.9	425.0	-28.4	-53.1	298.4	31.3	27.5	-14.9	312.6	312.8	0.1	7.2	24.8	113.
25.7	61.0	7261.1	400.0	-31.8	-54.6	301.8	33.4	28.4	-17.6	313.5	313.7	0.1	8.4	27.6	114.
27.3	64.5	7714.2	375.0	-35.4	-55.9	302.9	33.3	28.0	-18.1	314.6	314.8	0.0	10.2	30.9	115.
29.0	67.9	8190.5	350.0	-39.5	99.9	303.7	33.1	27.5	-18.4	315.5	999.9	99.9	999.9	34.3	115.
30.8	71.5	8693.0	325.0	-43.9	99.9	306.1	34.0	27.5	-20.0	316.2	999.9	99.9	999.9	37.9	115.
32.9	75.5	9225.2	300.0	-48.2	99.9	294.5	26.8	24.4	-11.1	317.5	999.9	99.9	999.9	41.6	117.
35.1	79.9	9793.6	275.0	-51.9	99.9	283.9	29.1	28.3	-7.0	320.1	999.9	99.9	999.9	44.9	116.
37.7	84.2	10405.9	250.0	-54.9	99.9	280.3	25.9	25.5	-4.7	324.4	999.9	99.9	999.9	49.9	115.
40.0	88.9	11076.3	225.0	-54.4	99.9	276.1	31.6	31.5	-3.3	335.1	999.9	99.9	999.9	53.3	114.
42.7	94.2	11832.1	200.0	-53.6	99.9	262.2	22.3	22.1	3.0	347.9	999.9	99.9	999.9	56.9	112.
45.6	99.9	12685.6	175.0	-55.6	99.9	259.1	24.9	24.5	4.7	358.1	999.9	99.9	999.9	60.4	110.
49.3	106.0	13664.9	150.0	-57.5	99.9	267.6	23.5	23.5	1.0	371.0	999.9	99.9	999.9	66.2	108.
53.4	113.3	14804.6	125.0	-60.9	99.9	277.1	30.2	29.9	-3.7	384.8	999.9	99.9	999.9	72.2	106.
58.1	121.7	16189.4	100.0	-61.1	99.9	267.2	25.9	25.9	1.3	409.7	999.9	99.9	999.9	79.3	104.
64.5	132.0	18003.7	75.0	-56.7	99.9	273.3	14.0	13.9	-0.8	454.1	999.9	99.9	999.9	89.6	104.
72.5	143.0	20562.2	50.0	-58.0	99.9	242.7	5.5	4.9	2.5	506.8	999.9	99.9	999.9	91.5	102.
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. 606
PORTLAND, ME

25 APRIL 1975
515 GMT

158 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	20.0	1007.7	6.1	6.1	360.0	2.6	0.0	-2.6	279.4	294.3	5.9	100.0	0.0	0.
0.2	6.1	83.1	1000.0	6.6	6.3	999.9	99.9	99.9	99.9	280.5	295.7	6.0	98.2	999.9	979.
0.9	8.3	290.8	975.0	5.6	5.6	999.9	99.9	99.9	99.9	281.5	296.5	5.9	101.3	999.9	999.
1.7	10.5	504.4	950.0	8.0	8.0	999.9	99.9	99.9	99.9	286.2	304.7	7.2	101.6	999.9	999.
2.6	12.6	726.4	925.0	10.6	10.6	259.1	10.3	10.1	1.9	291.2	313.9	8.7	101.9	9.7	104.
3.3	15.0	954.6	900.0	9.3	9.3	269.1	9.2	9.2	0.1	292.2	313.8	8.2	101.8	1.1	94.
4.2	17.2	1188.7	875.0	8.5	8.5	289.6	10.0	9.5	-3.4	293.6	314.8	8.0	101.4	1.6	96.
5.0	19.5	1428.4	850.0	7.3	6.0	287.4	10.7	10.2	-3.2	294.7	313.4	7.0	91.6	2.1	100.
5.8	21.9	1674.0	825.0	5.9	3.7	276.6	10.3	10.1	-1.7	295.6	312.1	6.1	85.6	2.6	101.
6.7	24.2	1925.9	800.0	4.6	2.8	267.5	11.2	11.2	0.5	296.8	312.8	5.9	87.9	3.2	99.
7.6	26.5	2184.4	775.0	2.8	1.9	259.2	12.5	12.2	2.3	297.5	313.1	5.7	94.0	3.8	97.
8.5	29.1	2449.4	750.0	0.8	0.8	250.6	12.1	11.4	4.0	298.2	313.1	5.4	99.7	4.5	93.
9.4	31.7	2721.7	725.0	-0.7	-0.7	244.9	12.1	10.9	5.1	299.4	313.3	5.0	99.5	5.0	90.
10.3	34.3	3000.8	700.0	-3.0	-19.2	248.6	11.7	10.9	4.3	299.3	303.0	1.2	27.5	5.6	87.
11.4	36.9	3288.5	675.0	-3.2	-49.2	263.5	11.5	11.5	1.3	302.1	302.4	0.1	2.4	6.3	86.
12.4	39.6	3586.7	650.0	-3.7	-52.3	271.4	12.9	12.9	-0.3	304.8	304.9	0.0	1.0	7.1	86.
13.4	42.2	3895.7	625.0	-5.0	-53.1	270.5	13.7	13.7	-0.1	306.7	306.8	0.0	1.0	7.9	97.
14.4	45.1	4215.1	600.0	-7.3	-54.6	269.2	13.7	13.7	0.2	307.6	307.8	0.0	1.0	8.7	87.
15.5	48.0	4544.7	575.0	-10.0	-56.2	267.8	13.4	13.4	0.5	308.3	308.4	0.0	1.0	9.7	87.
16.7	50.9	4885.9	550.0	-12.5	-57.9	271.4	12.6	12.6	-0.3	309.2	309.3	0.0	1.0	10.6	97.
18.1	54.0	5239.4	525.0	-15.0	-59.5	271.9	13.0	12.9	-0.4	310.3	310.4	0.0	1.0	11.6	88.
19.3	56.9	5606.4	500.0	-18.0	-61.4	265.0	14.5	14.4	1.3	311.0	311.1	0.0	1.0	12.6	98.
20.8	60.3	5988.5	475.0	-19.8	-58.9	262.1	15.9	15.7	2.2	313.4	313.6	0.0	2.3	14.0	87.
22.2	63.6	6387.8	450.0	-22.6	-64.3	268.1	17.3	17.3	0.6	314.8	314.9	0.0	1.0	15.3	87.
23.5	66.9	6804.3	425.0	-25.2	-33.4	274.1	19.9	19.9	-1.4	316.7	318.6	0.6	48.2	16.8	88.
25.0	70.3	7243.4	400.0	-26.8	-31.7	262.8	26.8	26.6	3.4	320.2	322.5	0.7	62.7	18.8	88.
26.5	73.9	7706.2	375.0	-30.1	-35.5	255.9	33.1	32.1	8.1	321.7	323.4	0.5	59.2	21.6	87.
28.2	77.7	8193.8	350.0	-33.7	-39.6	251.9	33.7	32.0	10.5	323.3	324.5	0.3	54.9	24.8	85.
29.9	81.5	8709.2	325.0	-37.7	99.9	249.2	36.3	33.9	12.9	324.7	999.9	99.9	999.9	28.4	83.
32.0	85.6	9255.0	300.0	-42.8	99.9	252.5	35.5	33.8	10.7	325.0	999.9	99.9	999.9	32.6	81.
34.2	90.0	9835.8	275.0	-47.9	99.9	255.0	38.7	37.4	10.0	325.9	999.9	99.9	999.9	37.7	80.
36.7	94.8	10457.8	250.0	-53.3	99.9	258.2	41.2	40.3	8.4	326.9	999.9	99.9	999.9	43.7	80.
39.3	99.5	11128.8	225.0	-58.4	99.9	258.7	42.4	41.6	8.3	329.0	999.9	99.9	999.9	50.0	80.
41.9	104.6	11858.4	200.0	-64.4	99.9	265.2	48.8	48.6	4.1	330.9	999.9	99.9	999.9	57.2	80.
44.8	110.4	12675.7	175.0	-62.0	99.9	275.5	39.7	39.5	-3.8	347.7	999.9	99.9	999.9	65.3	81.
48.1	116.5	13635.2	150.0	-59.9	99.9	275.0	20.2	20.2	-1.8	366.9	999.9	99.9	999.9	70.6	82.
52.7	123.7	14778.5	125.0	-59.1	99.9	263.6	21.0	20.8	2.3	388.0	999.9	99.9	999.9	76.2	83.
58.4	131.3	16188.0	100.0	-55.5	99.9	292.7	23.3	21.5	-9.0	420.5	999.9	99.9	999.9	83.2	84.
66.2	140.0	18023.1	75.0	-56.6	99.9	316.3	10.9	7.5	-7.9	454.3	999.9	99.9	999.9	90.8	47.
76.4	149.0	20583.2	50.0	-57.4	99.9	86.9	2.2	-2.2	-0.1	508.2	999.9	99.9	999.9	95.6	88.
93.9	159.0	24994.7	25.0	-52.6	99.9	146.4	2.5	-1.4	2.1	633.6	999.9	99.9	999.9	94.3	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. 637
FLINT, MICH

25 APRIL 1975
600 GMT

163 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	236.0	987.8	5.6	1.7	50.0	2.6	-2.0	-1.7	280.3	291.7	4.4	76.0	0.0	J.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	6.7	343.0	975.0	6.0	0.2	49.3	4.7	-3.6	-3.1	281.7	292.2	4.0	66.6	0.1	209.
0.9	8.8	555.5	950.0	4.7	2.0	45.7	5.2	-3.8	-3.7	282.6	294.7	4.7	82.6	0.3	218.
1.6	10.8	772.3	925.0	2.5	1.2	44.9	7.4	-5.2	-5.2	282.5	294.3	4.5	91.1	0.5	221.
2.4	13.0	993.3	900.0	0.8	-0.0	50.9	7.4	-5.7	-4.7	282.8	294.0	4.2	94.4	0.9	224.
3.1	15.2	1219.9	875.0	1.7	0.2	72.9	4.0	-3.8	-1.2	286.2	298.0	4.5	89.7	1.2	226.
3.9	17.4	1454.8	850.0	3.7	-2.6	246.0	1.3	1.2	0.5	290.5	300.8	3.8	64.4	1.1	231.
4.7	19.6	1698.2	825.0	4.9	-7.6	314.1	3.3	2.4	-2.3	294.1	301.6	2.6	39.8	1.1	226.
5.4	21.8	1948.9	800.0	4.0	-5.0	288.6	4.6	4.4	-1.5	295.8	305.1	3.3	51.9	1.1	216.
6.3	24.3	2206.5	775.0	2.8	-4.7	279.6	6.4	6.3	-1.1	297.2	307.1	3.5	57.8	1.0	291.
7.1	26.5	2471.5	750.0	2.6	-31.6	278.2	7.6	7.6	-1.1	299.5	300.7	0.4	6.1	1.0	191.
7.9	29.0	2745.2	725.0	2.1	-26.5	272.1	9.1	9.1	-0.3	301.8	303.7	0.6	9.8	1.1	161.
8.9	31.6	3027.5	700.0	0.3	-24.7	268.8	9.7	9.7	0.2	302.9	305.3	0.7	13.5	1.4	137.
9.9	34.3	3317.7	675.0	-1.8	-21.2	273.2	10.0	10.0	-0.6	303.8	307.0	1.0	20.9	1.8	124.
10.8	36.7	3616.9	650.0	-3.6	-26.0	273.1	10.8	10.8	-0.6	305.0	307.2	0.7	15.6	2.3	118.
11.6	39.5	3925.5	625.0	-5.8	-28.7	273.5	10.6	10.6	-0.7	305.9	307.8	0.6	14.3	2.9	112.
12.7	42.1	4244.0	600.0	-8.0	-27.7	277.2	10.1	10.1	-1.3	306.9	309.1	0.6	18.7	3.5	109.
13.7	45.1	4573.0	575.0	-10.7	-28.2	273.0	10.3	10.3	-0.5	307.6	309.7	0.6	22.0	4.1	108.
14.7	48.1	4913.5	550.0	-13.1	-26.1	264.4	11.4	11.3	1.1	308.6	311.2	0.8	32.5	4.7	105.
15.8	51.0	5266.0	525.0	-15.5	-32.3	270.8	10.9	10.9	-0.1	309.8	311.4	0.5	22.1	5.4	102.
17.0	54.1	5632.2	500.0	-18.8	-32.6	283.9	10.2	9.9	-2.5	310.2	311.8	0.5	28.5	6.2	102.
18.2	57.1	6012.1	475.0	-22.0	-29.5	280.4	11.0	10.8	-2.9	310.8	313.1	0.7	50.3	6.9	102.
19.4	60.4	6408.1	450.0	-24.7	-29.7	275.5	12.3	12.3	-1.2	312.2	314.6	0.7	63.1	7.7	102.
20.7	64.0	6821.5	425.0	-27.9	-30.3	264.9	14.3	14.2	1.3	313.3	315.7	0.7	79.6	8.8	100.
22.1	67.4	7254.8	400.0	-31.1	-31.9	263.5	19.1	19.0	2.2	314.6	316.8	0.7	91.9	10.1	95.
23.7	71.0	7709.3	375.0	-34.4	-41.0	265.2	21.5	21.5	1.8	316.1	317.0	0.3	50.4	12.0	96.
25.1	74.9	8199.8	350.0	-37.2	-46.5	269.5	29.6	29.6	0.2	318.5	319.1	0.2	36.8	14.1	95.
26.5	79.2	8697.7	325.0	-41.5	99.9	269.8	36.7	36.7	0.1	319.4	999.9	99.9	999.9	17.0	94.
28.1	83.2	9234.6	300.0	-46.5	99.9	269.5	41.6	41.6	0.3	319.8	999.9	99.9	999.9	20.5	93.
30.1	87.6	9806.8	275.0	-50.8	99.9	270.3	52.5	52.5	-0.3	321.7	999.9	99.9	999.9	26.3	92.
32.1	92.4	10423.1	250.0	-52.3	99.9	266.7	53.8	53.7	3.1	328.4	999.9	99.9	999.9	32.9	92.
34.5	97.5	11099.6	225.0	-55.7	99.9	266.1	68.0	67.9	4.6	333.1	999.9	99.9	999.9	41.3	90.
36.6	103.0	11845.0	200.0	-59.6	99.9	266.5	52.7	52.6	3.2	338.4	999.9	99.9	999.9	49.2	90.
39.6	109.3	12683.8	175.0	-58.1	99.9	272.4	32.2	32.1	-1.3	354.1	999.9	99.9	999.9	57.1	90.
43.2	115.8	13652.8	150.0	-58.1	99.9	265.5	26.8	26.7	2.1	370.1	999.9	99.9	999.9	63.1	90.
47.6	123.7	14806.0	125.0	-56.6	99.9	256.9	24.9	24.3	5.7	392.5	999.9	99.9	999.9	70.2	89.
52.5	132.0	16225.3	100.0	-57.0	99.9	268.9	20.5	20.5	0.4	417.6	999.9	99.9	999.9	76.8	87.
59.1	141.5	18030.0	75.0	-62.1	99.9	244.7	11.1	10.1	4.8	442.7	999.9	99.9	999.9	81.8	88.
68.2	152.0	20572.6	50.0	-58.0	99.9	211.9	3.5	-1.3	-3.2	506.8	999.9	99.9	999.9	84.8	87.
81.6	163.0	24995.8	25.0	-51.7	99.9	75.2	1.9	-1.8	-0.5	636.2	999.9	99.9	999.9	83.4	86.

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

STATION NO. 645
GREEN BAY, WIS

25 APRIL 1975
515 GMT

154 12. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	210.0	991.5	3.3	2.4	80.0	2.1	-2.1	-0.4	277.7	289.5	4.6	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.
0.6	8.4	346.3	975.0	3.0	2.2	85.6	8.5	-8.4	-0.6	278.8	290.6	4.6	94.3	0.1	220.
1.4	10.5	556.9	950.0	2.2	1.4	81.1	9.9	-9.8	-1.5	280.0	291.5	4.5	94.3	0.5	263.
2.2	12.6	771.9	925.0	0.7	0.3	68.0	10.0	-9.2	-3.7	280.6	291.6	4.2	96.6	1.0	260.
3.0	14.9	992.6	900.0	2.0	-2.8	47.5	9.9	-7.3	-6.7	284.0	293.2	3.5	70.4	1.4	252.
3.9	17.0	1220.6	875.0	3.2	-9.8	55.7	5.5	-4.6	-3.1	287.4	293.2	2.1	37.8	1.8	246.
4.7	19.3	1456.1	850.0	3.9	-9.3	65.9	2.7	-2.7	-0.2	290.5	296.8	2.2	37.4	2.0	247.
5.7	21.5	1699.2	825.0	2.8	-9.2	56.5	0.4	-0.4	0.0	291.8	298.4	2.3	40.8	2.0	248.
6.7	23.9	1946.6	800.0	1.3	-7.6	155.0	1.2	-0.5	1.1	292.8	300.4	2.7	51.4	2.1	249.
7.7	26.2	2201.5	775.0	0.5	-25.4	257.8	0.6	0.6	0.1	294.4	296.4	0.6	12.6	2.1	250.
8.6	28.7	2464.7	750.0	0.5	-49.6	280.4	3.3	3.3	-0.6	297.2	297.3	0.1	1.0	1.9	249.
9.5	31.2	2735.9	725.0	-0.4	-48.9	293.6	4.6	4.2	-1.9	299.0	299.2	0.1	1.2	1.8	244.
10.6	33.9	3015.3	700.0	-2.0	-43.0	298.2	7.2	6.3	-3.4	300.3	300.7	0.1	2.5	1.6	233.
11.7	36.2	3303.2	675.0	-4.4	-12.7	297.3	7.3	6.4	-3.3	301.0	307.3	2.1	52.1	1.4	214.
12.8	39.0	3599.2	650.0	-6.4	-18.3	295.2	7.7	7.0	-3.3	301.8	306.1	1.4	38.2	1.4	196.
14.0	41.6	3904.9	625.0	-8.2	-40.0	293.1	9.6	8.8	-3.7	303.0	303.9	0.2	7.5	1.7	175.
15.1	44.3	4220.7	600.0	-10.1	-50.0	278.9	8.7	8.6	-1.3	304.4	304.8	0.1	3.6	2.0	158.
16.4	47.3	4547.0	575.0	-12.6	-35.6	277.9	8.8	8.8	-1.2	305.3	306.4	0.3	13.0	2.3	144.
17.6	50.2	4865.0	550.0	-14.8	-40.2	281.5	11.1	10.9	-2.2	306.5	307.2	0.2	9.3	3.0	134.
19.0	53.1	5235.5	525.0	-16.9	-39.1	276.8	10.8	10.7	-1.3	308.1	309.0	0.2	12.5	3.8	126.
20.3	56.0	5599.3	500.0	-20.0	-31.0	271.8	9.7	9.7	-0.3	308.7	310.6	0.6	36.5	4.4	120.
21.8	59.3	5977.3	475.0	-23.3	-32.9	279.4	12.9	12.7	-2.1	309.2	310.9	0.5	40.6	5.4	116.
23.2	62.7	6371.0	450.0	-26.1	-39.3	276.6	13.9	13.8	-1.6	310.4	311.4	0.3	27.5	6.5	113.
24.6	65.9	6781.8	425.0	-29.0	-44.3	272.1	15.9	15.9	-0.6	311.7	312.4	0.2	21.1	7.7	110.
26.1	69.4	7212.5	400.0	-32.4	-53.4	264.0	17.8	17.7	1.9	312.8	313.1	0.1	10.2	9.1	107.
27.6	72.9	7664.2	375.0	-36.0	-54.8	262.0	17.3	17.1	2.4	313.9	314.1	0.1	12.2	10.6	103.
29.1	76.9	8139.3	350.0	-40.0	99.9	257.3	20.2	19.7	4.4	314.7	999.9	99.9	999.9	12.1	100.
30.9	80.6	8641.1	325.0	-44.4	99.9	253.4	23.9	23.0	6.8	315.6	999.9	99.9	999.9	14.3	96.
32.9	84.8	9172.0	300.0	-48.8	99.9	250.9	28.2	26.7	9.2	316.6	999.9	99.9	999.9	17.2	92.
35.1	89.0	9732.3	275.0	-53.0	99.9	251.1	30.2	28.6	9.8	318.4	999.9	99.9	999.9	20.9	88.
37.6	93.8	10346.6	250.0	-57.3	99.9	247.4	31.1	28.7	11.9	320.9	999.9	99.9	999.9	25.3	85.
40.0	98.6	11015.8	225.0	-55.9	99.9	247.5	37.9	35.0	14.5	332.8	999.9	99.9	999.9	30.2	81.
42.7	103.8	11769.4	200.0	-53.5	99.9	256.7	35.7	34.7	8.2	348.0	999.9	99.9	999.9	36.4	80.
45.8	109.5	12620.6	175.0	-55.1	99.9	255.7	27.5	26.7	6.8	359.0	999.9	99.9	999.9	41.7	80.
49.4	115.5	13607.1	150.0	-55.5	99.9	252.7	30.7	29.3	9.1	374.5	999.9	99.9	999.9	47.4	79.
53.6	122.3	14768.5	125.0	-57.1	99.9	268.6	23.8	23.8	0.6	391.6	999.9	99.9	999.9	53.8	79.
58.9	130.0	16179.2	100.0	-54.0	99.9	283.6	19.8	19.3	-4.7	423.5	999.9	99.9	999.9	60.5	80.
65.3	137.8	18013.3	75.0	-56.9	99.9	224.6	10.6	7.5	7.6	453.8	999.9	99.9	999.9	64.8	80.
74.3	146.0	20580.5	50.0	-55.7	99.9	293.7	4.0	3.6	-1.6	512.1	999.9	99.9	999.9	66.9	79.
88.3	154.5	25025.1	25.0	-52.6	99.9	67.2	2.5	-2.3	-0.9	633.5	999.9	99.9	999.9	66.4	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. 654
MURON, S D

25 APRIL 1975
515 GMT

124 98. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	392.0	966.5	7.2	5.5	360.0	0.0	0.0	0.0	283.9	299.0	5.9	89.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	10.1	534.5	950.0	8.0	7.4	107.4	8.4	-8.0	2.5	286.2	303.9	6.8	95.5	0.2	238.0
1.2	12.1	754.5	925.0	6.8	6.2	110.7	9.0	-8.4	3.2	287.1	303.9	6.4	95.7	0.5	271.0
1.9	14.2	980.5	900.0	7.4	4.2	109.3	7.5	-7.0	2.5	289.9	305.1	5.7	79.9	0.8	280.0
2.7	16.1	1212.4	875.0	6.3	4.1	91.8	6.0	-6.0	0.2	291.1	306.9	5.9	85.5	1.2	281.0
3.4	18.3	1450.0	850.0	4.7	4.0	58.5	5.8	-4.9	-3.0	291.9	307.9	6.0	94.7	1.4	276.0
4.3	20.5	1693.5	825.0	3.6	1.3	43.9	6.0	-4.2	-4.3	293.1	306.9	5.1	84.7	1.6	267.0
5.1	22.6	1942.7	800.0	2.3	-2.4	24.3	2.9	-1.2	-2.6	294.2	305.3	4.0	71.2	1.8	262.0
6.0	25.0	2199.6	775.0	2.5	-10.8	318.8	3.5	2.3	-2.6	296.8	303.0	2.2	36.5	1.7	259.0
6.8	27.1	2464.5	750.0	1.6	-13.2	319.1	5.1	3.3	-3.8	298.5	304.0	1.8	32.3	1.7	252.0
7.8	29.5	2737.0	725.0	0.4	-20.0	313.0	7.7	5.6	-5.3	300.0	303.3	1.1	19.9	1.5	239.0
8.7	32.0	3017.3	700.0	-1.0	-32.3	309.3	9.1	7.1	-5.8	301.4	302.5	0.4	7.1	1.5	221.0
9.7	34.5	3306.3	675.0	-3.4	-36.4	309.4	10.3	7.9	-6.5	301.9	302.7	0.2	5.6	1.5	198.0
10.7	36.9	3603.5	650.0	-5.1	-33.1	313.9	11.0	8.0	-7.7	303.2	304.4	0.4	9.1	1.9	181.0
11.7	39.6	3910.3	625.0	-6.7	-37.3	321.3	12.1	7.6	-9.5	304.8	305.8	0.3	8.3	2.4	159.0
12.8	42.0	4222.2	600.0	-7.9	-27.9	331.0	13.3	6.5	-11.7	307.1	309.1	0.6	18.0	3.2	163.0
14.1	44.9	4557.6	575.0	-10.1	-30.0	332.6	13.8	6.4	-12.3	308.2	310.0	0.5	17.7	4.2	161.0
15.3	47.8	4898.2	550.0	-13.0	-36.4	328.2	16.0	8.5	-13.6	308.7	309.7	0.3	11.9	5.3	159.0
16.6	50.5	5250.8	525.0	-16.0	-40.0	326.1	17.7	9.9	-14.7	309.2	309.9	0.2	10.6	6.6	157.0
17.8	53.5	5616.0	500.0	-19.2	-41.0	320.9	19.0	12.0	-14.7	309.6	310.3	0.2	12.4	8.0	154.0
19.1	56.4	5995.0	475.0	-22.6	-43.3	317.1	19.3	13.2	-14.2	310.0	310.6	0.2	13.0	9.4	152.0
20.5	59.8	6388.7	450.0	-26.2	-47.1	314.5	19.4	13.9	-13.6	310.2	310.7	0.1	11.8	11.0	149.0
21.9	63.1	6799.8	425.0	-28.6	-53.3	326.7	20.9	11.5	-17.5	312.3	312.6	0.1	7.1	12.6	149.0
23.4	66.4	7231.5	400.0	-31.7	-57.9	326.3	23.7	13.2	-19.7	313.7	313.9	0.0	5.5	14.7	148.0
25.0	70.0	7684.3	375.0	-35.2	-60.0	324.3	25.6	14.9	-20.8	314.9	315.0	0.0	5.9	16.9	149.0
26.7	73.7	8161.1	350.0	-39.3	-60.7	323.1	27.8	16.7	-22.3	315.7	315.8	0.0	8.1	19.6	147.0
28.6	77.7	8664.0	325.0	-43.7	99.9	325.7	30.2	17.0	-25.0	316.5	999.9	99.9	999.9	23.0	147.0
30.6	81.8	9196.9	300.0	-47.6	99.9	321.0	30.0	18.9	-23.3	318.2	999.9	99.9	999.9	26.5	147.0
32.4	86.0	9765.1	275.0	-52.5	99.9	315.1	27.0	19.1	-19.1	319.2	999.9	99.9	999.9	29.8	145.0
34.7	90.8	10378.1	250.0	-55.3	99.9	314.0	31.9	22.9	-22.1	323.8	999.9	99.9	999.9	34.0	144.0
37.3	95.8	11045.5	225.0	-58.2	99.9	305.8	28.2	22.9	-16.5	329.4	999.9	99.9	999.9	38.2	143.0
40.2	101.3	11789.1	200.0	-55.2	99.9	308.4	23.5	18.4	-14.6	345.3	999.9	99.9	999.9	42.2	141.0
43.0	107.5	12641.5	175.0	-55.9	99.9	270.1	20.2	20.2	-0.0	357.7	999.9	99.9	999.9	45.4	139.0
46.6	114.0	13621.6	150.0	-54.9	99.9	273.2	21.1	21.1	-1.2	375.5	999.9	99.9	999.9	48.9	135.0
50.9	121.7	14782.3	125.0	-55.8	99.9	278.7	19.6	19.4	-3.0	394.0	999.9	99.9	999.9	53.1	131.0
55.9	130.3	16192.6	100.0	-57.7	99.9	999.9	99.9	99.9	99.9	416.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 655
ST CLOUD, MINN

25 APRIL 1975
515 GMT

158 11. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	316.0	979.3	6.3	4.8	70.0	4.1	-3.9	-1.4	281.8	296.0	5.5	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	7.4	352.3	975.0	6.5	4.7	86.4	5.7	-5.7	-0.4	282.4	296.5	5.5	88.2	0.1	324.
1.0	9.7	565.8	950.0	6.2	2.9	103.9	9.2	-9.0	2.2	284.2	297.1	5.0	79.0	0.4	274.
1.8	11.5	784.2	925.0	5.4	2.6	116.2	8.0	-7.2	3.5	285.4	298.6	5.0	82.4	0.9	282.
2.7	14.3	1008.0	900.0	4.0	2.7	140.7	5.7	-3.6	4.4	286.3	299.9	5.2	90.8	1.2	288.
3.6	16.5	1237.0	875.0	2.8	2.3	146.5	5.3	-2.9	4.5	287.3	301.0	5.2	96.6	1.5	297.
4.4	19.0	1471.3	850.0	1.1	0.6	125.5	4.9	-4.0	2.8	287.9	300.5	4.7	96.3	1.7	299.
5.3	21.3	1711.4	825.0	0.4	0.1	134.8	5.3	-3.8	3.7	289.6	302.1	4.7	97.7	2.0	300.
6.3	23.9	1958.1	800.0	-0.6	-0.9	177.7	3.2	-0.1	3.1	291.1	303.2	4.5	97.8	2.2	303.
7.2	26.2	2211.9	775.0	-1.5	-1.6	265.1	2.7	2.7	0.2	292.8	304.8	4.4	98.7	2.2	307.
8.2	29.0	2472.4	750.0	-3.5	-3.7	269.7	4.6	4.6	0.0	293.3	304.0	3.9	98.4	2.0	310.
9.3	31.7	2740.3	725.0	-4.8	-5.0	265.6	8.1	8.1	0.6	294.7	304.9	3.6	98.2	1.7	319.
10.3	34.4	3015.8	700.0	-6.5	-7.1	261.2	9.5	9.4	1.5	295.6	304.7	3.2	95.9	1.7	337.
11.3	37.0	3299.4	675.0	-8.0	-10.3	258.1	9.3	9.1	1.9	297.0	304.4	2.6	83.1	1.5	0.
12.4	39.9	3591.5	650.0	-10.2	-19.7	262.4	7.9	7.8	1.0	297.6	301.3	1.2	45.6	1.7	19.
13.5	42.6	3893.4	625.0	-11.2	-15.8	263.6	6.5	6.5	0.7	299.9	305.2	1.8	68.5	2.0	33.
14.7	45.6	4206.0	600.0	-12.5	-21.6	278.0	4.4	4.4	-0.6	301.7	305.2	1.1	46.5	2.2	41.
15.9	48.6	4529.9	575.0	-14.5	-24.1	312.1	3.6	2.7	-2.4	303.1	306.1	0.9	43.7	2.3	48.
17.2	51.6	4865.1	550.0	-17.3	-23.5	311.1	3.4	2.6	-2.2	303.7	306.9	1.0	58.5	2.3	55.
18.5	54.9	5212.4	525.0	-19.3	-24.9	267.8	3.9	3.9	0.2	305.3	308.4	1.0	61.0	2.4	60.
19.7	58.0	5573.8	500.0	-21.4	-29.3	267.7	4.6	4.6	0.2	307.0	309.2	0.7	48.5	2.7	62.
21.1	61.4	5950.3	475.0	-24.4	-32.0	270.1	5.2	5.2	-0.0	307.8	309.5	0.5	49.2	3.1	66.
22.5	65.0	6341.7	450.0	-27.7	-35.7	266.0	6.8	6.8	0.5	308.4	309.7	0.4	46.1	3.6	68.
24.0	68.4	6750.1	425.0	-31.2	-36.9	262.4	6.1	6.0	0.8	309.0	310.3	0.4	56.6	4.1	71.
25.5	72.0	7176.4	400.0	-35.1	-39.9	254.3	4.1	4.0	1.1	309.3	310.3	0.3	61.4	4.6	72.
27.1	76.0	7623.1	375.0	-38.9	-43.6	221.4	3.9	2.6	2.9	310.1	310.8	0.2	60.1	5.0	71.
28.7	80.0	8092.4	350.0	-43.0	99.9	191.0	3.1	0.6	3.0	310.8	999.9	99.9	999.9	5.2	68.
30.5	84.2	8586.5	325.0	-47.9	99.9	166.9	5.0	1.5	4.8	310.7	999.9	99.9	999.9	5.4	65.
32.3	88.4	9111.9	300.0	-50.3	99.9	210.2	6.9	3.5	6.0	314.5	999.9	99.9	999.9	6.0	60.
34.3	93.0	9677.2	275.0	-52.4	99.9	246.4	8.0	7.3	3.2	319.3	999.9	99.9	999.9	6.8	60.
36.5	98.0	10289.1	250.0	-53.0	99.9	265.2	12.7	12.7	1.1	327.2	999.9	99.9	999.9	8.0	62.
38.7	103.0	10964.3	225.0	-54.8	99.9	268.3	14.2	14.2	0.4	334.6	999.9	99.9	999.9	9.6	66.
41.5	108.8	11717.3	200.0	-55.0	99.9	278.6	16.3	16.1	-2.4	345.7	999.9	99.9	999.9	12.1	72.
44.5	114.8	12571.4	175.0	-54.6	99.9	264.0	19.3	19.1	2.0	359.8	999.9	99.9	999.9	15.3	75.
48.0	121.3	13555.7	150.0	-55.4	99.9	264.2	22.0	21.9	2.2	374.6	999.9	99.9	999.9	19.4	78.
52.0	128.3	14718.0	125.0	-56.1	99.9	266.1	17.6	17.5	1.2	393.4	999.9	99.9	999.9	24.2	80.
56.8	136.0	16134.5	100.0	-55.9	99.9	272.1	18.4	18.4	-0.7	419.7	999.9	99.9	999.9	29.2	80.
62.4	143.3	17563.4	75.0	-55.6	99.9	258.8	3.5	3.4	0.7	456.4	999.9	99.9	999.9	33.2	82.
71.4	151.3	20540.6	50.0	-55.7	99.9	272.3	3.2	3.2	-0.1	512.3	999.9	99.9	999.9	33.3	82.
85.8	159.7	25003.3	25.0	-52.8	99.9	339.4	4.9	1.7	-4.6	633.3	999.9	99.9	999.9	34.1	86.

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

STATION NO. 662
RAPID CITY, S D

25 APRIL 1975
515 GMT

131 49. 0

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	966.0	902.1	4.4	2.3	200.0	1.5	0.5	1.4	286.5	299.7	5.0	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.
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.
0.1	14.4	985.2	900.0	4.9	2.4	999.9	99.9	99.9	99.9	287.2	300.6	5.1	84.0	99.9	999.
0.8	16.4	1216.5	875.0	6.4	4.3	999.9	99.9	99.9	99.9	291.2	307.1	6.0	86.3	999.9	999.
1.6	18.6	1454.4	850.0	5.8	0.3	999.9	99.9	99.9	99.9	292.8	305.4	4.6	68.0	999.9	999.
2.4	20.8	1699.1	825.0	5.6	-1.6	156.3	2.7	-1.1	2.5	295.0	306.5	4.1	60.0	0.7	307.
3.2	23.1	1950.2	800.0	4.2	-0.9	184.1	5.5	0.4	5.5	296.2	308.6	4.5	65.8	0.9	317.
4.0	25.3	2208.4	775.0	4.0	-4.5	205.4	7.7	3.3	7.0	298.6	308.7	3.6	55.0	1.1	332.
4.9	27.7	2475.1	750.0	4.5	-12.6	250.4	11.2	10.6	3.8	301.7	307.5	2.0	28.2	1.2	353.
5.8	30.1	2751.2	725.0	4.3	-18.4	253.2	12.9	12.3	3.7	304.4	308.2	1.2	17.3	1.5	22.
6.9	32.6	3035.5	700.0	2.0	-23.7	240.8	11.3	9.8	5.5	304.8	307.4	0.8	12.7	2.1	36.
7.9	35.3	3327.8	675.0	0.2	-25.1	244.5	11.5	10.3	4.9	305.9	308.3	0.7	12.8	2.7	42.
8.9	37.7	3629.1	650.0	-1.0	-26.5	247.8	11.8	10.9	4.5	307.0	309.2	0.7	13.0	3.4	47.
9.8	40.3	3939.5	625.0	-4.6	-28.6	250.5	11.4	10.7	3.8	307.2	309.1	0.6	13.3	4.0	50.
10.8	42.9	4258.9	600.0	-7.5	-30.7	252.5	11.4	10.9	3.4	307.4	309.0	0.5	13.5	4.6	54.
11.7	45.7	4588.3	575.0	-10.6	-33.0	252.2	11.3	10.8	3.5	307.6	308.9	0.4	13.8	5.2	56.
12.8	48.6	4928.0	550.0	-13.9	-35.4	257.4	11.1	10.8	2.4	307.6	308.8	0.3	14.1	5.9	58.
13.9	51.4	5279.6	525.0	-16.7	-37.6	260.8	10.4	10.3	1.7	308.3	309.3	0.3	14.4	6.6	60.
15.2	54.4	5644.1	500.0	-19.4	-39.6	261.2	11.8	11.7	1.8	309.4	310.2	0.2	14.6	7.4	63.
16.6	57.2	6023.8	475.0	-21.6	-41.3	257.6	14.4	14.1	3.1	311.2	312.0	0.2	14.8	8.4	65.
17.8	60.3	6420.3	450.0	-24.3	-43.4	254.3	13.0	12.5	3.5	312.6	313.2	0.2	15.1	9.4	66.
19.2	63.6	6833.7	425.0	-28.0	-46.3	253.1	14.4	13.8	4.2	313.0	313.5	0.1	15.4	10.6	67.
20.7	66.8	7266.1	400.0	-31.1	-41.4	252.9	14.5	13.9	4.3	314.6	315.4	0.2	35.0	11.8	67.
22.2	70.3	7720.7	375.0	-34.0	-37.9	259.1	15.6	15.3	3.0	316.5	317.8	0.4	67.4	13.2	68.
23.9	72.9	8199.4	350.0	-38.5	-42.3	263.3	18.2	18.0	2.1	316.8	317.7	0.3	67.1	14.9	70.
25.7	77.7	8704.3	325.0	-42.7	99.9	265.3	18.3	18.2	1.5	317.8	999.9	99.9	999.9	16.9	71.
27.4	81.5	9239.7	300.0	-47.1	99.9	271.8	20.7	20.6	-0.7	319.0	999.9	99.9	999.9	18.7	73.
29.4	85.7	9809.1	275.0	-52.2	99.9	271.2	22.2	22.1	-0.5	319.6	999.9	99.9	999.9	21.0	75.
31.0	90.2	10418.5	250.0	-57.3	99.9	269.0	26.4	26.4	0.5	320.9	999.9	99.9	999.9	23.2	77.
33.0	95.0	11080.7	225.0	-59.9	99.9	271.9	35.9	35.6	-1.2	326.2	999.9	99.9	999.9	26.8	79.
35.4	100.0	11813.9	200.0	-61.7	99.9	283.7	33.9	33.0	-8.0	335.1	999.9	99.9	999.9	32.1	92.
37.3	105.3	12635.4	175.0	-66.0	99.9	282.3	20.5	20.0	-4.4	341.0	999.9	99.9	999.9	34.6	84.
40.1	111.3	13592.9	150.0	-59.3	99.9	259.6	20.3	19.9	3.7	368.0	999.9	99.9	999.9	38.0	84.
43.5	118.0	14741.7	125.0	-57.8	99.9	260.9	18.4	18.2	2.9	390.4	999.9	99.9	999.9	42.4	84.
47.4	125.8	16144.9	100.0	-58.8	99.9	258.2	11.8	11.6	2.4	414.3	999.9	99.9	999.9	45.9	84.
53.4	134.7	17968.4	75.0	-55.5	99.9	268.7	6.4	6.4	0.1	456.7	999.9	99.9	999.9	50.2	83.
61.8	143.5	20553.2	50.0	-55.3	99.9	999.9	99.9	99.9	99.9	513.1	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

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

25 APRIL 1975
525 GMT

134 95. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.2	180.0	993.5	22.2	19.0	190.0	6.2	1.1	6.1	297.8	334.7	14.1	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	99.9	99.9	99.9	999.9	999.
0.7	7.9	343.0	975.0	19.8	18.0	197.1	15.8	4.6	15.1	296.9	332.3	13.5	89.4	0.5	18.
1.7	10.1	567.2	950.0	18.4	17.5	211.8	19.5	10.2	16.6	297.7	332.8	13.4	94.0	1.5	23.
2.5	12.1	796.3	925.0	17.8	16.3	218.4	21.4	13.3	16.7	299.2	333.0	12.7	91.0	2.6	28.
3.5	14.4	1031.2	900.0	16.7	14.7	227.6	16.4	12.1	11.1	300.3	331.9	11.8	88.2	3.5	32.
4.3	16.5	1271.4	875.0	15.2	12.6	232.2	16.3	12.9	10.0	301.0	329.5	10.6	84.3	4.3	36.
5.3	18.9	1516.8	850.0	13.3	11.1	235.0	14.1	11.5	8.1	301.4	328.1	9.8	86.6	5.1	39.
6.3	21.0	1767.8	825.0	11.2	9.9	235.2	14.5	11.9	8.3	301.7	327.2	9.4	91.7	6.0	41.
7.4	23.5	2024.5	800.0	8.8	7.6	238.3	11.8	10.0	6.2	301.6	324.3	8.3	92.3	6.8	43.
8.4	25.8	2287.1	775.0	7.2	6.7	237.5	12.3	10.4	6.6	302.6	324.5	8.0	96.9	7.5	44.
9.5	28.4	2556.8	750.0	6.3	1.2	233.8	14.5	11.7	8.5	304.2	320.4	5.8	72.8	8.3	46.
10.3	30.9	2936.1	725.0	8.4	-16.2	232.5	15.6	12.4	9.5	308.8	313.6	1.5	16.1	9.1	46.
11.3	33.6	3125.2	700.0	7.1	-22.3	231.6	14.3	11.2	8.9	310.5	313.5	0.9	10.3	10.0	47.
12.3	36.1	3422.6	675.0	4.6	-25.8	231.4	14.2	11.1	8.9	310.9	313.2	0.7	8.8	10.9	47.
13.5	38.9	3729.4	650.0	2.2	-27.4	234.2	17.4	14.1	10.2	311.5	313.6	0.6	8.9	11.9	47.
14.6	41.5	4043.5	625.0	-0.2	-25.0	241.0	21.0	18.4	10.2	312.3	314.9	0.8	13.3	13.3	48.
16.0	44.4	4368.7	600.0	-2.4	-23.9	251.5	21.7	20.6	6.9	313.4	316.4	0.9	17.2	15.0	51.
17.5	47.4	4704.5	575.0	-5.6	-23.5	257.3	21.6	21.1	4.8	313.5	316.7	1.0	22.7	16.8	53.
18.8	50.4	5051.0	550.0	-8.9	-22.4	262.0	21.9	21.7	3.0	313.6	317.3	1.2	32.7	18.3	56.
20.0	53.5	5408.8	525.0	-12.5	-20.3	266.1	21.8	21.8	0.7	313.6	318.2	1.4	51.6	19.6	58.
21.1	56.5	5780.0	500.0	-14.4	-43.1	264.1	23.7	23.5	2.4	315.5	316.3	0.2	9.2	21.0	60.
22.3	59.9	6166.9	475.0	-16.9	-57.6	264.6	24.8	24.7	2.3	317.0	317.2	0.0	1.5	22.5	62.
23.6	63.3	6570.3	450.0	-19.7	-58.0	264.5	23.5	23.4	2.3	318.4	318.5	0.0	1.8	24.3	64.
25.1	66.7	6992.4	425.0	-22.5	-58.7	263.7	22.7	22.6	2.5	320.0	320.1	0.0	2.1	26.3	65.
26.9	70.4	7434.5	400.0	-25.7	-59.8	262.6	21.3	21.1	2.8	321.5	321.6	0.0	2.4	28.5	67.
28.8	74.2	7899.2	375.0	-28.8	-61.0	266.4	25.8	25.8	1.6	323.4	323.5	0.0	2.8	31.2	68.
30.5	78.3	8389.2	350.0	-32.7	-62.7	270.5	25.6	25.6	-0.2	324.6	324.7	0.0	3.2	33.7	69.
32.1	82.4	8906.7	325.0	-37.0	-64.9	273.2	26.4	26.4	-1.5	325.6	325.7	0.0	3.7	35.9	71.
33.8	86.7	9454.4	300.0	-41.9	99.9	271.7	25.5	25.5	-0.8	326.3	999.9	99.9	999.9	38.4	73.
35.6	91.6	10036.7	275.0	-47.2	99.9	276.9	26.9	26.7	-3.2	326.9	999.9	99.9	999.9	41.3	74.
37.9	96.4	10661.9	250.0	-51.2	99.9	284.5	29.4	28.4	-7.4	329.9	999.9	99.9	999.9	44.6	76.
40.3	101.8	11337.9	225.0	-57.1	99.9	293.5	30.2	27.7	-12.0	331.0	999.9	99.9	999.9	48.5	79.
42.7	107.8	12072.8	200.0	-62.8	99.9	291.6	33.5	21.8	-8.6	333.3	999.9	99.9	999.9	51.7	81.
45.3	114.0	12888.1	175.0	-66.7	99.9	292.0	33.2	30.8	-12.5	339.9	999.9	99.9	999.9	54.7	84.
47.9	121.0	13813.6	150.0	-68.4	99.9	267.3	29.1	29.1	1.4	352.3	999.9	99.9	999.9	59.2	85.
51.5	129.0	14921.5	125.0	-64.4	99.9	263.4	23.4	23.2	2.7	378.3	999.9	99.9	999.9	64.8	85.
55.1	137.0	16275.5	100.0	-65.9	99.9	999.9	99.9	99.9	99.9	400.4	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

25 April 1975

1200 GMT

383-422

STATION NO. 208
CHARLESTON, SC

25 APRIL 1975
1115 GMT

157 11. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	13.0	1017.6	19.6	16.3	230.0	4.2	3.2	2.7	292.8	322.7	11.5	81.0	0.0	0.
0.6	5.7	163.8	1000.0	19.2	16.0	234.7	2.9	2.3	1.7	293.9	323.8	11.5	81.5	0.6	59.
1.5	7.9	381.6	975.0	18.9	14.5	241.8	14.2	12.5	6.7	295.6	323.8	10.7	75.8	0.9	53.
2.3	10.1	605.1	950.0	18.4	14.0	249.4	13.4	12.5	4.7	297.3	325.6	10.7	75.9	1.7	59.
3.3	12.2	833.6	925.0	17.1	13.1	252.3	10.2	9.7	3.1	298.2	325.7	10.3	77.3	2.3	63.
4.1	14.5	1067.3	900.0	15.6	10.6	251.2	11.0	10.4	3.5	298.8	322.9	9.0	72.1	2.9	64.
5.1	16.6	1306.1	875.0	13.6	10.5	253.1	11.4	10.9	3.3	299.1	323.7	9.1	81.5	3.5	66.
6.0	18.9	1550.1	850.0	12.0	9.2	256.5	11.9	11.6	2.8	299.9	323.3	8.7	83.0	4.2	67.
7.0	21.2	1800.2	825.0	10.5	8.4	266.3	9.4	9.4	0.6	300.8	323.8	8.4	87.1	4.7	69.
7.9	23.6	2056.2	800.0	8.5	7.0	273.7	8.0	7.9	-0.5	301.2	322.9	7.9	90.2	5.2	71.
9.0	25.8	2318.3	775.0	7.2	0.3	274.6	6.0	6.0	-0.5	302.2	316.5	5.1	61.7	5.6	73.
10.0	28.4	2589.1	750.0	7.7	-0.2	264.6	4.8	4.8	0.4	305.5	320.0	5.1	57.7	5.9	74.
11.2	31.0	2867.8	725.0	6.0	-4.8	261.3	4.7	4.7	0.7	306.5	317.4	3.7	46.0	6.2	74.
12.3	33.5	3154.9	700.0	5.1	-11.7	268.3	7.9	7.9	0.2	308.4	315.2	2.2	28.5	6.6	75.
13.3	35.8	3451.0	675.0	3.9	-18.4	275.2	10.1	10.1	-0.9	310.1	314.3	1.3	17.8	7.2	76.
14.4	38.6	3756.2	650.0	1.3	-18.0	284.4	11.6	11.3	-2.9	310.6	315.1	1.4	22.1	7.8	78.
15.4	41.1	4070.3	625.0	-1.0	-23.5	295.6	13.3	12.0	-5.8	311.4	314.4	0.9	16.1	8.5	81.
16.6	43.9	4395.2	600.0	-2.0	-28.3	304.9	13.4	11.0	-7.7	313.8	315.9	0.6	11.3	9.2	84.
17.8	46.8	4731.2	575.0	-5.3	-26.7	308.4	13.8	10.9	-8.6	313.8	316.3	0.7	16.6	10.0	89.
19.0	49.9	5077.9	550.0	-8.5	-30.6	304.4	11.1	9.1	-6.3	314.0	315.8	0.5	14.8	10.7	92.
20.4	52.6	5437.0	525.0	-10.8	-41.4	275.3	9.7	9.6	-0.9	315.4	316.1	0.2	6.0	11.5	93.
21.9	55.6	5810.9	500.0	-12.5	-38.5	258.8	11.1	10.9	2.2	317.8	318.8	0.3	9.2	12.4	92.
23.2	58.7	6200.2	475.0	-15.6	-38.0	263.5	10.4	10.3	1.2	316.7	319.7	0.3	12.5	13.2	92.
24.5	62.0	6605.4	450.0	-18.4	-42.9	268.9	11.3	11.3	0.2	320.1	320.8	0.2	9.4	14.0	91.
26.0	65.3	7029.1	425.0	-21.9	-45.4	269.3	11.2	11.2	0.1	320.9	321.4	0.2	9.8	15.1	91.
27.9	68.7	7472.3	400.0	-25.4	-47.8	272.8	15.1	15.0	-0.7	321.9	322.4	0.1	10.1	16.4	91.
29.8	72.1	7936.9	375.0	-29.4	-50.7	280.1	15.2	15.0	-2.7	322.6	323.0	0.1	10.5	18.2	92.
31.6	76.0	8426.0	350.0	-33.1	-53.4	288.6	15.4	14.6	-4.9	324.0	324.3	0.1	10.9	19.8	93.
33.4	80.0	8942.2	325.0	-37.4	-56.6	295.6	16.4	14.8	-7.1	325.0	325.2	0.1	11.3	21.5	94.
35.5	83.8	9491.3	300.0	-40.8	99.9	302.6	17.3	14.6	-9.3	327.8	999.9	99.9	999.9	23.6	96.
37.8	88.2	10076.7	275.0	-46.0	99.9	304.0	19.6	16.2	-10.9	328.6	999.9	99.9	999.9	25.9	99.
40.2	92.8	10704.1	250.0	-50.8	99.9	308.2	16.0	12.6	-9.9	330.6	999.9	99.9	999.9	28.1	101.
42.7	97.4	11384.2	225.0	-54.9	99.9	334.9	16.0	6.8	-14.5	334.5	999.9	99.9	999.9	29.8	104.
45.1	102.4	12126.6	200.0	-61.1	99.9	328.6	22.3	11.6	-19.0	336.0	999.9	99.9	999.9	31.8	108.
48.4	108.0	12947.9	175.0	-64.3	99.9	311.8	16.6	12.4	-11.1	343.8	999.9	99.9	999.9	35.3	112.
51.7	114.0	13903.9	150.0	-59.9	99.9	290.3	16.9	17.8	-6.6	367.0	999.9	99.9	999.9	39.1	112.
56.3	121.0	15037.9	125.0	-62.8	99.9	278.1	22.2	22.0	-3.1	381.3	999.9	99.9	999.9	44.5	111.
61.2	128.7	16347.9	100.0	-68.5	99.9	270.5	18.0	18.0	-0.2	395.4	999.9	99.9	999.9	50.6	110.
67.5	137.0	18116.5	75.0	-67.8	99.9	274.7	9.7	9.7	-0.8	430.8	999.9	99.9	999.9	55.0	108.
76.6	145.7	20592.7	50.0	-61.9	99.9	83.8	2.6	-2.6	-0.3	457.8	999.9	99.9	999.9	56.6	106.
91.2	155.0	25020.4	25.0	-50.2	99.9	335.3	5.1	2.1	-4.6	640.3	999.9	99.9	999.9	55.6	111.

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

STATION NO. 211
TAMPA, FLA

25 APRIL 1975
1115 GNT

164 11. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	2.0	1018.4	20.0	17.8	140.0	2.6	-1.7	2.0	293.3	326.1	12.7	87.0	0.0	0.
0.7	5.8	166.0	1000.0	20.2	16.9	160.9	8.6	-2.8	8.1	295.0	326.8	12.2	81.6	0.2	326.
1.5	7.8	385.2	975.0	20.1	16.6	180.4	8.0	0.1	8.0	297.0	329.3	12.3	80.3	0.7	342.
2.6	10.0	605.5	950.0	19.7	13.5	195.9	5.0	1.4	4.8	298.6	326.2	10.4	67.5	1.0	354.
3.6	11.9	839.4	925.0	18.8	12.0	207.3	4.6	2.1	4.0	299.8	325.6	9.6	64.8	1.2	358.
4.7	14.2	1074.3	900.0	16.9	11.9	204.0	4.6	1.9	4.2	300.2	326.6	9.8	72.4	1.5	6.
5.6	16.1	1314.2	875.0	15.3	10.9	185.8	2.5	0.3	2.5	301.0	326.6	9.4	74.9	1.7	6.
6.6	18.4	1559.8	850.0	13.5	10.9	237.3	1.7	1.4	0.9	301.5	327.9	9.7	84.4	1.8	7.
7.7	20.5	1811.6	825.0	13.1	5.9	256.0	1.7	1.7	0.4	303.4	323.3	7.2	62.3	1.9	10.
8.6	22.8	2069.9	800.0	12.4	-9.4	51.6	0.4	-0.3	-0.2	304.7	311.8	2.4	21.4	1.9	11.
9.7	25.2	2335.5	775.0	12.1	-8.3	102.3	3.8	-3.8	0.8	307.2	315.1	2.7	23.4	1.9	8.
10.7	27.4	2609.6	750.0	11.0	-4.3	105.4	5.6	-5.4	1.5	309.0	320.0	3.7	33.9	2.0	358.
11.8	30.0	2891.5	725.0	9.4	-6.1	97.0	6.2	-6.1	0.7	310.2	320.2	3.4	33.0	2.1	348.
12.9	32.5	3182.0	700.0	7.9	-7.1	80.4	7.4	-7.3	-1.2	311.6	321.3	3.2	33.9	2.2	337.
14.1	35.2	3481.2	675.0	6.4	-9.9	58.4	6.9	-5.8	-3.6	313.1	321.3	2.7	30.0	2.3	323.
15.5	37.6	3789.2	650.0	3.9	-17.2	44.4	5.2	-3.6	-3.7	313.6	318.8	1.7	21.4	2.4	310.
16.7	40.3	4106.7	625.0	1.6	-11.7	42.3	4.2	-2.8	-3.1	314.6	322.4	2.5	36.8	2.4	303.
17.9	42.9	4433.8	600.0	-1.2	-11.5	57.9	4.1	-3.5	-2.2	315.0	323.2	2.6	45.4	2.5	295.
19.2	45.8	4772.3	575.0	-2.5	-15.9	29.0	4.3	-2.1	-3.8	317.3	323.4	1.9	34.8	2.6	290.
20.6	48.8	5123.4	550.0	-5.2	-15.7	348.5	4.3	0.9	-4.2	318.2	324.7	2.0	43.3	2.6	282.
22.0	51.6	5487.0	525.0	-8.2	-17.4	324.5	4.8	2.8	-3.9	318.8	324.7	1.9	47.3	2.4	273.
23.5	54.6	5863.7	500.0	-11.4	-19.0	310.9	5.7	4.3	-3.7	319.3	324.7	1.7	53.2	2.1	266.
25.0	57.6	6255.3	475.0	-13.7	-26.5	304.2	7.5	6.2	-4.2	321.1	324.2	0.9	32.9	1.7	251.
26.6	60.9	6664.2	450.0	-16.5	-30.8	999.9	99.9	99.9	99.9	322.5	324.8	0.7	27.9	999.9	999.
28.4	64.4	7091.5	425.0	-20.0	-32.3	999.9	99.9	99.9	99.9	323.3	325.4	0.6	32.2	999.9	999.
30.2	67.7	7537.8	400.0	-23.7	-33.1	298.9	15.5	13.6	-7.5	324.2	326.2	0.6	41.2	2.7	142.
32.0	71.3	8006.6	375.0	-26.2	-44.4	324.7	20.3	17.1	-11.0	326.9	327.6	0.2	16.2	4.6	133.
33.8	75.2	8502.6	350.0	-29.6	-41.0	302.4	21.4	18.0	-11.5	328.8	329.8	0.3	31.8	6.9	130.
35.9	79.3	9026.8	325.0	-34.0	-44.4	305.4	19.2	15.6	-11.1	329.8	330.6	0.2	33.7	9.4	128.
38.0	83.4	9581.7	300.0	-38.9	-46.2	305.0	18.2	14.9	-10.4	330.5	331.2	0.2	45.5	11.7	127.
40.2	87.8	10173.2	275.0	-43.3	99.9	314.9	22.6	16.1	-16.1	332.6	999.9	99.9	999.9	14.3	128.
42.7	92.6	10808.6	250.0	-48.1	99.9	309.6	26.9	20.7	-17.1	334.5	999.9	99.9	999.9	18.1	129.
45.5	97.6	11495.0	225.0	-53.6	99.9	309.7	29.4	22.6	-18.8	336.3	999.9	99.9	999.9	22.8	129.
48.4	103.0	12240.8	200.0	-60.3	99.9	307.8	27.5	21.7	-16.8	337.3	999.9	99.9	999.9	27.8	129.
51.5	109.3	13064.3	175.0	-64.3	99.9	306.9	29.8	23.8	-17.9	343.9	999.9	99.9	999.9	33.7	129.
55.1	115.6	14014.9	150.0	-60.1	99.9	256.1	24.0	21.5	-10.5	366.5	999.9	99.9	999.9	39.3	127.
59.4	123.3	15145.5	125.0	-64.4	99.9	296.0	20.5	18.4	-9.0	378.4	999.9	99.9	999.9	44.1	125.
64.3	131.7	16491.0	100.0	-70.0	99.9	269.6	15.1	15.1	0.1	392.5	999.9	99.9	999.9	48.6	122.
70.3	141.0	18188.5	75.0	-71.9	99.9	290.8	7.3	6.8	-2.6	422.3	999.9	99.9	999.9	52.2	122.
78.2	150.7	20645.3	50.0	-61.6	99.9	42.3	8.2	-5.5	-6.1	498.5	999.9	99.9	999.9	54.8	123.
91.1	161.3	25056.1	25.0	-50.1	99.9	20.3	1.8	-0.6	-1.7	641.2	999.9	99.9	999.9	53.5	125.

* 2V SPEED MEANS ELEVATION 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. 213
WAYCROSS, GA

25 APRIL 1975
1115 GMT

167 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.5	44.0	1013.6	16.1	15.6	200.0	1.5	0.5	1.4	285.6	318.0	11.1	97.0	0.0	0.
0.3	4.6	160.0	1000.0	18.4	16.3	207.1	12.8	5.8	11.4	293.1	323.6	11.8	87.8	0.3	20.
1.1	6.4	378.5	975.0	19.9	15.2	204.8	8.9	3.7	8.0	296.7	326.4	11.3	74.6	0.7	23.
1.9	8.4	602.6	950.0	19.7	19.3	211.8	5.4	2.8	4.6	298.3	320.8	8.3	54.5	1.3	24.
2.6	10.4	832.1	925.0	18.3	10.8	212.7	5.9	3.2	5.0	299.2	323.1	8.9	61.7	1.2	26.
3.4	12.4	1066.3	900.0	16.3	9.2	233.2	6.7	5.4	4.0	299.4	321.6	8.2	62.7	1.5	28.
4.2	14.5	1305.7	875.0	14.9	7.5	249.0	9.5	8.8	3.4	300.2	320.7	7.5	61.3	1.8	36.
5.1	16.5	1550.7	850.0	13.4	4.9	253.5	11.8	11.3	3.3	301.1	319.0	6.5	56.8	2.3	44.
5.8	18.8	1801.4	825.0	13.3	-41.8	261.0	10.4	10.3	1.6	302.6	303.0	0.1	1.0	2.8	50.
6.7	20.8	2055.5	800.0	11.6	1.1	268.6	7.1	7.1	0.2	304.2	319.1	5.2	48.7	3.1	55.
7.5	23.1	2324.6	775.0	10.9	-1.3	251.7	5.6	5.3	1.7	306.1	319.1	4.5	42.8	3.4	58.
8.4	25.4	2597.7	750.0	9.8	-10.0	244.3	6.2	5.5	2.7	307.6	314.9	2.4	23.8	3.7	58.
9.4	27.6	2878.6	725.0	9.3	-16.1	248.7	7.2	6.7	2.6	309.8	314.9	1.6	16.1	4.1	59.
10.4	30.1	3168.1	700.0	7.2	-19.8	250.2	6.9	6.4	2.3	310.6	314.2	1.1	12.4	4.5	59.
11.4	32.6	3466.0	675.0	5.4	-23.2	275.0	6.5	6.5	-0.6	311.8	314.8	0.9	11.2	4.9	61.
12.5	35.2	3772.7	650.0	2.4	-15.6	294.3	6.3	5.8	-2.6	311.9	317.3	1.7	25.1	5.2	65.
13.6	37.7	4088.3	625.0	0.4	-40.4	274.4	4.8	4.8	-0.4	313.0	314.3	0.4	6.3	5.5	68.
14.5	40.3	4414.2	600.0	-1.8	-51.1	262.9	4.4	4.4	0.6	314.0	314.2	0.1	1.0	5.7	68.
15.6	42.9	4750.7	575.0	-4.4	-52.7	281.1	6.7	6.5	-1.3	314.8	315.0	0.0	1.0	6.0	69.
16.8	45.7	5098.5	550.0	-7.8	-39.7	286.4	9.0	8.6	-2.5	314.8	315.6	0.2	5.7	6.4	72.
17.8	48.7	5458.0	525.0	-11.1	-32.7	282.4	11.1	10.9	-2.4	315.1	316.7	0.5	14.8	7.0	75.
19.0	51.5	5831.5	500.0	-12.8	-26.4	285.6	14.5	14.0	-3.9	317.5	320.5	0.9	30.9	7.9	78.
20.2	54.6	6220.6	475.0	-15.9	-25.7	287.1	14.2	13.6	-4.2	318.4	321.8	1.0	45.2	8.8	82.
21.6	57.6	6625.6	450.0	-19.6	-20.8	284.1	12.9	12.5	-3.1	318.7	323.9	1.6	90.2	9.8	84.
23.1	61.0	7047.3	425.0	-22.4	-55.8	283.0	12.4	12.1	-2.8	320.2	320.4	0.0	3.0	10.9	86.
24.5	64.5	7489.8	400.0	-25.7	-34.6	286.5	14.7	14.1	-4.2	321.6	323.4	0.5	42.9	12.3	88.
26.2	68.0	7953.8	375.0	-29.2	-68.6	298.1	12.5	11.0	-5.9	322.9	322.9	0.0	1.0	13.3	90.
27.7	71.5	8443.1	350.0	-32.7	-71.0	293.1	14.8	13.6	-5.8	324.5	324.6	0.0	1.0	14.3	92.
29.4	75.6	8961.1	325.0	-36.5	-73.5	288.6	16.9	16.0	-5.4	326.2	326.2	0.0	1.0	15.9	94.
31.2	79.9	9510.8	300.0	-40.9	99.9	281.9	19.4	19.0	-4.0	327.7	999.9	99.9	999.9	17.8	95.
33.1	84.0	10096.0	275.0	-45.2	99.9	287.5	20.9	20.0	-6.3	329.8	999.9	99.9	999.9	20.0	96.
35.1	88.6	10726.3	250.0	-50.2	99.9	300.7	20.1	17.3	-10.3	331.5	999.9	99.9	999.9	22.6	99.
37.3	93.6	11407.3	225.0	-54.8	99.9	313.3	16.7	12.1	-11.4	334.6	999.9	99.9	999.9	24.7	101.
39.8	99.0	12151.5	200.0	-59.8	99.9	302.9	21.0	17.6	-11.4	338.1	999.9	99.9	999.9	27.2	104.
42.6	105.0	12976.6	175.0	-64.5	99.9	287.4	15.0	14.3	-4.5	343.4	999.9	99.9	999.9	30.0	105.
45.7	111.7	13923.6	150.0	-59.9	99.9	285.4	27.2	26.3	-7.2	366.9	999.9	99.9	999.9	34.3	105.
49.3	119.0	15056.9	125.0	-62.0	99.9	276.8	23.8	23.6	-2.8	382.7	999.9	99.9	999.9	39.7	104.
53.7	128.0	16420.0	100.0	-67.4	99.9	280.6	16.5	16.2	-3.0	397.5	999.9	99.9	999.9	45.2	105.
59.3	138.7	18136.1	75.0	-70.5	99.9	293.1	14.1	13.0	-5.6	425.1	999.9	99.9	999.9	49.2	104.
66.8	150.5	20594.0	50.0	-61.5	99.9	4.4	5.2	-0.4	-5.1	458.5	999.9	99.9	999.9	51.3	104.
78.3	163.0	25007.4	25.0	-50.9	99.9	332.3	5.1	2.3	-4.5	638.5	999.9	99.9	999.9	51.5	107.

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

STATION NO. 220
APALACHICOLA, FLA

25 APRIL 1975
1115 GMT

165 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V 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	11.0	1017.5	18.5	18.6	180.0	2.1	0.0	2.1	292.1	326.4	13.4	100.0	0.0	0.
0.6	6.1	161.0	1000.0	19.2	18.6	192.6	6.2	1.3	6.0	294.1	329.4	13.7	96.2	0.1	10.
1.4	8.4	376.3	975.0	19.5	8.1	195.8	6.6	1.8	6.4	295.7	314.6	7.0	48.0	0.5	11.
2.2	10.8	602.8	950.0	20.0	-28.1	223.3	4.5	3.1	3.3	297.6	301.0	1.2	7.7	0.7	17.
3.0	13.1	831.8	925.0	20.0	-23.5	232.7	4.9	3.9	3.0	299.8	301.8	0.6	4.0	0.9	26.
3.8	15.4	1066.6	900.0	18.3	-15.3	221.6	5.6	3.7	4.2	300.5	304.5	1.3	8.8	1.1	30.
4.6	17.8	1306.4	875.0	16.7	-22.2	215.1	6.5	3.7	5.3	301.2	303.6	0.7	5.5	1.4	31.
5.4	20.3	1552.1	850.0	15.4	-24.7	224.5	7.2	5.1	5.2	302.4	304.7	0.8	5.9	1.7	33.
6.3	22.6	1804.2	825.0	14.6	-41.0	234.9	6.5	5.3	3.7	304.0	304.4	0.1	1.0	2.1	36.
7.3	25.2	2063.2	800.0	12.7	-2.6	245.7	4.1	3.7	1.7	305.2	316.7	3.9	34.3	2.4	39.
8.3	27.6	2329.1	775.0	11.7	-5.9	246.6	4.6	4.2	1.8	306.8	316.2	3.2	28.5	2.6	42.
9.2	30.3	2603.3	750.0	12.4	-35.7	230.3	4.3	3.3	2.8	310.1	311.3	0.4	3.0	2.9	44.
10.3	33.0	2866.3	725.0	10.9	-12.9	212.1	5.3	2.8	4.5	311.6	317.7	2.0	17.4	3.2	43.
11.2	35.7	3177.8	700.0	9.2	-16.4	222.7	4.9	3.3	3.6	312.9	317.7	1.5	14.7	3.5	42.
12.3	38.4	3477.9	675.0	7.3	-21.7	253.5	4.4	4.2	1.2	313.9	317.2	1.0	10.6	3.7	43.
13.3	41.1	3786.4	650.0	4.6	-17.4	264.3	3.5	3.5	0.3	314.3	319.1	1.5	18.4	3.9	46.
14.4	44.1	4104.0	625.0	1.3	-14.0	294.3	2.1	1.9	-0.8	314.2	320.7	2.1	31.0	4.1	48.
15.6	47.1	4430.9	600.0	-1.5	-13.1	333.2	2.3	1.0	-2.0	314.6	321.8	2.3	40.6	4.0	50.
16.9	50.2	4768.4	575.0	-4.3	-13.2	298.8	4.0	3.5	-1.9	315.2	322.7	2.4	50.0	4.1	52.
18.0	53.1	5117.4	550.0	-6.5	-13.9	299.8	6.3	5.5	-3.1	316.6	324.0	2.4	55.7	4.2	56.
19.1	56.1	5475.3	525.0	-9.4	-16.4	298.0	8.6	7.6	-4.1	317.4	323.8	2.0	56.4	4.5	63.
20.4	59.5	5854.4	500.0	-12.6	-19.9	296.6	9.3	8.3	-4.2	317.8	322.9	1.6	54.4	4.9	69.
21.7	63.0	6243.5	475.0	-16.2	-22.4	295.2	9.0	8.1	-3.8	318.0	322.4	1.3	58.5	5.4	75.
23.1	66.2	6648.6	450.0	-18.4	-37.9	292.9	9.7	9.0	-3.8	320.1	321.2	0.3	16.0	6.0	79.
24.5	69.9	7072.3	425.0	-21.9	-35.7	287.4	12.2	11.6	-3.6	321.0	322.4	0.4	27.1	6.9	83.
26.0	73.3	7515.4	400.0	-25.7	-33.2	286.3	14.4	13.9	-4.0	321.6	323.6	0.6	49.2	8.0	86.
27.6	77.2	7980.5	375.0	-28.2	-31.8	300.9	19.6	16.8	-10.1	324.2	326.7	0.7	71.4	9.5	91.
29.3	81.0	8472.7	350.0	-31.2	-33.0	301.7	22.5	19.1	-11.8	326.7	329.0	0.7	83.8	11.3	97.
31.2	85.1	8994.1	325.0	-35.2	-36.7	305.8	21.3	17.2	-12.4	328.1	329.9	0.5	85.6	13.6	101.
33.3	89.4	9546.5	300.0	-40.0	99.9	317.1	20.1	13.7	-14.7	328.9	999.9	99.9	999.9	16.0	106.
35.4	94.0	10134.5	275.0	-44.5	99.9	340.7	12.6	4.2	-11.9	330.8	999.9	99.9	999.9	17.2	110.
37.9	98.6	10766.3	250.0	-49.4	99.9	316.5	25.2	17.4	-18.3	332.7	999.9	99.9	999.9	20.1	115.
40.4	103.6	11447.6	225.0	-55.1	99.9	313.1	24.5	17.9	-16.7	334.0	999.9	99.9	999.9	23.8	118.
42.8	108.8	12190.1	200.0	-60.4	99.9	48.7	6.2	-4.7	-4.1	337.1	999.9	99.9	999.9	24.2	120.
46.1	114.8	13014.8	175.0	-63.9	99.9	318.2	18.8	12.5	-14.0	344.4	999.9	99.9	999.9	27.6	123.
49.3	121.0	13961.7	150.0	-60.6	99.9	304.8	16.9	13.9	-9.6	365.7	999.9	99.9	999.9	31.0	123.
53.3	128.3	15091.4	125.0	-63.8	99.9	289.1	15.7	14.9	-8.2	379.4	999.9	99.9	999.9	34.6	123.
58.2	136.5	16446.8	100.0	-68.8	99.9	285.0	10.7	10.4	-2.8	394.7	999.9	99.9	999.9	38.4	122.
64.2	145.0	18151.9	75.0	-65.3	99.9	286.7	7.7	7.4	-2.2	427.7	999.9	99.9	999.9	41.5	121.
72.2	155.0	20616.0	50.0	-63.9	99.9	28.1	3.7	-1.7	-3.3	493.0	999.9	99.9	999.9	44.0	122.
84.8	166.3	25033.5	25.0	-50.3	99.9	341.9	5.1	1.6	-4.9	640.5	999.9	99.9	999.9	45.5	124.

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

STATION NO. 226
CENTERVILLE, ALA

25 APRIL 1975
1115 GMT

164 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	140.0	1000.5	20.0	19.2	200.0	4.2	1.4	3.9	295.0	331.6	14.2	95.0	0.0	0.
0.0	6.3	144.3	1000.0	19.9	19.1	204.0	4.8	2.0	4.4	295.0	331.4	14.1	94.9	0.0	3.
0.9	6.7	362.6	975.0	18.3	17.2	225.2	14.2	10.1	10.0	295.3	328.6	12.8	93.6	0.5	42.
1.9	11.3	585.6	950.0	17.4	16.2	236.5	16.6	13.8	9.1	296.5	329.8	12.3	92.9	1.3	46.
2.7	13.5	813.9	925.0	16.1	14.6	238.5	17.6	15.0	9.2	297.3	327.5	11.4	90.8	2.2	52.
3.6	15.8	1046.9	900.0	14.6	13.0	242.0	15.8	14.0	7.4	298.0	325.9	10.5	89.8	3.1	54.
4.5	18.4	1285.0	875.0	12.8	10.3	241.8	15.5	13.7	7.3	298.3	322.7	9.1	85.1	3.9	56.
5.5	20.8	1529.2	850.0	13.6	4.6	250.8	16.3	15.4	5.4	301.2	318.8	6.3	55.1	4.9	58.
6.3	23.3	1780.4	825.0	12.9	-1.4	261.6	16.3	16.1	2.4	302.8	314.9	4.2	37.1	5.7	61.
7.2	25.8	2038.2	800.0	11.5	-1.3	267.6	15.5	15.5	0.7	304.0	316.5	4.4	41.0	6.5	64.
8.3	28.6	2302.7	775.0	9.5	-0.7	264.0	15.6	15.5	1.6	304.6	318.1	4.7	48.9	7.3	67.
9.2	31.3	2574.1	750.0	8.0	-8.6	261.8	17.5	17.3	2.5	305.6	313.5	2.7	29.6	8.2	68.
10.2	34.1	2853.3	725.0	7.5	-19.7	267.2	18.7	18.6	0.9	307.9	311.4	1.1	12.4	9.3	70.
11.3	36.8	3141.5	700.0	6.1	-24.1	268.7	19.4	19.4	0.4	309.4	311.9	0.8	9.3	10.5	72.
12.5	39.7	3437.9	675.0	3.7	-16.0	260.8	20.5	20.2	3.3	309.9	315.1	1.7	22.5	11.8	74.
13.9	42.4	3743.2	650.0	1.5	-12.6	250.7	21.0	19.8	6.9	310.9	317.8	2.2	34.1	13.7	74.
15.1	45.4	4057.2	625.0	-1.7	-12.0	244.4	18.6	16.8	8.0	310.8	318.3	2.4	45.1	15.2	73.
16.3	48.5	4380.6	600.0	-4.6	-11.8	242.1	17.5	15.5	8.2	311.1	318.9	2.6	57.1	16.4	73.
17.5	51.5	4713.8	575.0	-7.9	-13.1	244.5	19.4	17.5	8.4	311.0	318.4	2.4	66.2	17.7	72.
18.9	54.8	5057.6	550.0	-11.0	-12.8	241.1	19.9	17.5	9.6	311.3	319.2	2.6	86.7	19.3	71.
20.4	57.9	5413.9	525.0	-12.9	-15.1	238.0	23.2	19.7	12.3	313.2	320.2	2.3	83.6	21.1	70.
21.9	61.3	5785.4	500.0	-14.7	-17.8	245.2	24.9	22.6	10.4	315.3	321.2	1.9	77.0	23.2	69.
23.3	64.7	6172.0	475.0	-17.2	-23.1	246.4	20.7	19.0	8.3	316.7	320.8	1.2	59.9	25.2	69.
24.7	68.1	6575.4	450.0	-20.1	-26.7	244.0	18.5	16.7	8.1	318.0	321.2	1.0	55.6	26.7	69.
26.1	71.4	6996.6	425.0	-23.5	-28.6	249.7	24.3	22.8	8.5	319.0	321.8	0.8	62.3	28.6	69.
27.8	75.3	7437.6	400.0	-26.2	-32.7	264.5	26.5	26.4	2.5	320.9	323.0	0.6	54.1	31.0	69.
29.7	79.3	7901.3	375.0	-29.4	-34.1	268.3	25.1	25.1	0.8	322.6	324.6	0.6	63.4	34.3	71.
31.7	83.2	8390.7	350.0	-32.9	-39.7	266.9	29.8	29.7	1.6	324.4	325.6	0.3	49.9	37.3	72.
33.9	87.3	8907.6	325.0	-37.1	-43.7	276.6	21.8	21.7	-2.5	325.5	326.3	0.2	49.7	40.5	74.
36.1	91.8	9456.9	300.0	-40.0	99.9	280.7	28.1	27.6	-5.2	328.9	999.9	99.9	999.9	43.8	75.
38.2	96.4	10045.3	275.0	-44.6	99.9	285.9	21.4	20.6	-5.9	330.6	999.9	99.9	999.9	46.1	77.
40.6	101.2	10675.7	250.0	-50.0	99.9	288.5	14.4	13.7	-4.6	331.8	999.9	99.9	999.9	48.5	79.
43.1	106.5	11357.0	225.0	-54.8	99.9	287.0	10.6	10.1	-3.1	334.6	999.9	99.9	999.9	50.4	80.
45.8	112.0	12099.3	200.0	-60.8	99.9	270.7	16.6	16.6	-0.2	336.4	999.9	99.9	999.9	53.0	80.
49.0	118.0	12916.4	175.0	-66.3	99.9	279.5	24.9	24.5	-4.1	340.6	999.9	99.9	999.9	57.3	81.
52.3	124.7	13855.5	150.0	-64.4	99.9	282.6	27.1	26.4	-5.9	359.2	999.9	99.9	999.9	62.8	83.
56.7	131.8	14975.3	125.0	-63.2	99.9	273.5	31.4	31.4	-1.9	380.5	999.9	99.9	999.9	70.1	85.
61.4	139.3	16342.7	100.0	-66.2	99.9	295.7	15.1	13.6	-6.6	399.9	999.9	99.9	999.9	77.8	86.
67.7	147.3	18070.5	75.0	-69.2	99.9	272.7	5.7	5.7	-0.3	427.9	999.9	99.9	999.9	81.6	87.
76.2	156.0	20541.3	50.0	-63.0	99.9	260.4	1.0	1.0	0.2	495.0	999.9	99.9	999.9	83.6	88.
90.0	165.5	24952.6	25.0	-52.1	99.9	53.9	7.4	-6.0	-4.4	635.0	999.9	99.9	999.9	82.9	90.

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

STATION NO. 232
BOOTHVILLE, LA

25 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 CCHP 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	1016.0	22.7	22.0	170.0	3.1	-0.5	3.1	296.7	339.9	16.7	96.0	0.0	0.
0.4	6.2	140.1	1000.0	22.9	21.8	181.7	9.9	0.3	9.9	298.3	341.9	16.7	93.7	0.3	354.
1.2	8.5	361.2	975.0	21.3	20.1	184.8	9.1	0.8	9.1	298.6	339.0	15.4	93.1	0.7	359.
2.1	10.7	586.5	950.0	19.7	18.5	189.9	9.8	1.7	9.7	299.1	336.7	14.3	93.1	1.1	3.
3.0	12.9	816.8	925.0	19.5	13.8	195.4	10.5	2.8	10.2	300.7	329.7	10.8	69.6	1.7	6.
3.9	15.3	1052.8	900.0	18.8	8.7	193.1	12.4	2.8	12.1	301.9	323.6	7.9	51.9	2.3	8.
4.7	17.5	1294.4	875.0	18.2	7.0	194.9	13.2	3.4	12.7	303.7	324.3	7.4	49.3	3.0	9.
5.7	20.0	1542.2	850.0	16.2	10.1	200.2	12.4	4.3	11.6	304.3	329.6	9.2	67.1	3.7	11.
6.7	22.3	1795.9	825.0	14.5	5.5	200.4	12.3	4.3	11.5	304.9	324.6	7.1	55.6	4.5	13.
7.7	24.8	2055.4	800.0	13.3	1.4	214.1	11.3	6.3	9.3	306.0	321.3	5.3	44.4	5.1	14.
8.8	27.2	2322.0	775.0	12.4	-9.0	226.7	11.0	8.0	7.5	307.4	314.9	2.5	21.5	5.8	18.
9.6	29.8	2596.1	750.0	10.9	-13.2	228.9	10.6	8.0	7.0	308.7	314.4	1.8	16.9	6.3	20.
10.7	32.5	2877.7	725.0	9.7	-13.6	215.8	10.4	6.1	8.4	310.3	316.1	1.9	18.2	6.9	23.
11.8	35.2	3168.5	700.0	8.9	-1.3	204.9	10.8	4.6	9.8	312.9	327.7	5.0	49.1	7.5	23.
12.8	37.8	3468.2	675.0	6.2	-6.3	199.8	10.6	3.6	9.9	313.1	324.0	3.6	41.2	8.3	23.
13.9	40.5	3777.0	650.0	5.0	-19.0	187.2	10.7	1.3	10.6	314.8	319.1	1.3	15.9	8.9	22.
15.1	43.2	4095.6	625.0	3.0	-17.6	191.9	11.2	2.3	11.0	316.0	320.9	1.5	20.4	9.6	21.
16.2	46.1	4424.4	600.0	0.2	-12.8	202.4	10.9	4.1	10.1	316.6	324.1	2.4	36.7	10.3	21.
17.3	49.1	4764.4	575.0	-1.9	-16.0	231.3	9.6	7.5	6.0	318.0	324.1	1.9	33.0	11.1	22.
18.6	52.0	5116.1	550.0	-4.7	-20.5	269.1	9.2	9.2	0.1	318.6	323.0	1.4	27.6	11.6	24.
19.9	55.2	5480.0	525.0	-8.2	-20.0	284.4	7.8	7.5	-1.9	318.7	323.5	1.5	37.8	11.7	28.
21.3	58.3	5856.7	500.0	-11.4	-20.0	274.7	7.3	7.3	-0.6	319.3	324.4	1.6	49.1	11.9	30.
22.8	61.6	6247.9	475.0	-14.4	-26.5	279.9	9.2	9.1	-1.6	320.2	323.3	0.9	34.9	12.2	33.
24.2	65.0	6655.5	450.0	-16.9	-30.6	268.1	11.5	11.5	0.4	322.0	324.3	0.7	29.0	12.7	37.
25.9	68.4	7082.1	425.0	-20.1	-32.7	271.4	14.4	14.4	-0.3	323.2	325.2	0.6	31.8	13.5	41.
27.3	71.7	7530.1	400.0	-22.2	-30.2	276.4	19.4	19.3	-2.2	326.1	328.8	0.8	47.9	14.4	46.
28.9	75.5	8001.2	375.0	-26.0	-28.1	275.9	23.9	23.9	-2.5	327.2	330.6	1.0	82.8	15.8	52.
30.5	79.5	8497.3	350.0	-29.7	-31.7	275.1	23.9	23.8	-2.1	328.7	331.4	0.8	82.9	17.6	57.
32.4	83.4	9021.5	325.0	-33.0	-43.0	281.5	23.3	22.9	-4.6	331.1	332.1	0.3	36.6	19.7	62.
34.4	87.5	9580.4	300.0	-36.7	-50.7	283.7	27.7	26.9	-6.6	333.5	334.0	0.1	21.7	22.2	67.
36.7	92.2	10176.3	275.0	-41.9	99.9	288.5	27.2	25.8	-8.6	334.5	999.9	99.9	999.9	24.9	73.
38.7	96.8	10814.5	250.0	-47.3	99.9	291.9	33.3	30.9	-12.5	335.8	999.9	99.9	999.9	28.1	77.
41.1	101.8	11502.5	225.0	-52.5	99.9	295.3	34.8	31.5	-14.9	338.1	999.9	99.9	999.9	32.1	82.
43.7	107.5	12252.8	200.0	-59.0	99.9	291.8	36.4	33.8	-13.5	339.4	999.9	99.9	999.9	36.8	87.
46.5	113.3	13077.2	175.0	-65.6	99.9	292.3	36.0	33.3	-13.7	341.6	999.9	99.9	999.9	42.4	90.
49.8	120.0	14006.1	150.0	-65.8	99.9	273.5	34.7	34.7	-2.1	356.7	999.9	99.9	999.9	48.8	93.
53.7	127.0	15119.7	125.0	-64.1	99.9	279.2	25.9	25.6	-4.1	379.0	999.9	99.9	999.9	56.3	94.
58.4	135.3	16468.0	100.0	-69.0	99.9	284.1	15.6	15.2	-3.8	394.5	999.9	99.9	999.9	62.1	94.
64.1	143.0	18170.6	75.0	-72.2	99.9	267.6	10.8	10.8	0.5	421.5	999.9	99.9	999.9	66.3	94.
71.9	151.7	20631.0	50.0	-62.2	99.9	3.4	11.0	-0.7	-11.0	497.0	999.9	99.9	999.9	68.8	95.
83.8	160.3	25027.3	25.0	-52.5	99.9	28.6	4.1	-2.0	-3.6	634.2	999.9	99.9	999.9	69.0	98.

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

STATION NO. 235
JACKSON, MISS

25 APRIL 1975
1115 GMT

165 18. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	100.0	1004.7	21.7	19.4	180.0	2.6	0.0	2.6	296.4	333.7	14.3	87.0	0.0	0.
0.1	4.8	140.8	1000.0	21.2	19.4	222.6	6.4	4.3	4.7	296.3	333.8	14.4	89.6	0.1	9.
1.0	6.8	360.9	975.0	20.8	19.9	228.7	9.5	7.1	6.3	298.1	337.9	15.2	94.4	0.4	35.
1.7	9.0	586.2	950.0	19.7	18.7	233.1	12.3	9.8	7.4	299.1	337.3	14.5	94.0	0.8	44.
2.4	11.1	816.7	925.0	18.6	17.4	234.0	14.8	12.0	8.7	300.2	336.5	13.7	93.1	1.4	49.
3.2	13.4	1052.2	900.0	17.2	16.0	233.7	15.0	12.1	8.9	300.9	335.3	12.9	93.1	2.1	50.
3.9	15.6	1292.7	875.0	16.3	6.9	241.2	15.4	13.5	7.4	301.7	321.8	7.3	55.0	2.8	51.
4.7	18.0	1535.4	850.0	15.9	8.9	250.7	13.4	12.6	4.4	304.0	327.4	8.5	63.1	3.4	55.
5.5	20.4	1752.9	825.0	14.4	7.4	250.6	13.7	12.9	4.5	304.9	326.8	7.9	62.6	4.1	57.
6.4	22.8	2052.9	800.0	14.0	3.7	253.4	15.3	14.7	4.4	306.9	324.7	6.3	56.0	4.8	60.
7.4	25.3	2320.1	775.0	12.4	0.2	251.0	17.0	16.0	5.5	307.8	322.3	5.0	43.2	5.7	62.
8.6	27.9	2594.1	750.0	10.5	-3.2	249.6	17.4	16.3	6.0	308.5	320.4	4.0	38.0	7.0	63.
9.7	30.7	2875.4	725.0	9.0	-8.8	259.3	16.4	16.1	3.1	309.7	317.9	2.7	27.3	8.1	64.
10.6	33.3	3165.4	700.0	7.7	-11.2	264.6	15.9	15.8	1.5	311.3	318.5	2.3	24.7	9.0	67.
11.7	36.0	3463.5	675.0	5.6	-11.5	250.6	15.1	14.3	5.0	312.2	319.5	2.4	27.9	9.9	68.
12.6	39.0	3771.1	650.0	3.5	-12.3	240.2	15.2	13.2	7.6	313.2	320.3	2.3	30.1	10.7	68.
13.6	41.8	4086.0	625.0	0.6	-13.4	234.1	16.0	13.0	9.4	313.4	320.1	2.2	33.9	11.6	67.
14.7	44.9	4414.2	600.0	-2.0	-12.8	234.4	15.6	12.7	9.1	314.0	321.4	2.4	43.5	12.7	65.
15.9	48.0	4751.2	575.0	-4.3	-12.4	240.8	17.7	15.5	8.7	315.2	323.1	2.6	53.0	13.8	65.
17.2	51.1	5099.7	550.0	-7.7	-12.5	244.0	20.0	18.0	8.8	315.2	323.4	2.7	68.3	15.3	65.
18.4	54.4	5459.7	525.0	-10.9	-13.2	241.6	19.6	17.3	9.3	315.6	323.7	2.6	82.8	16.8	65.
19.7	57.7	5832.9	500.0	-13.9	-15.3	241.1	19.8	17.3	9.6	316.4	323.7	2.3	88.7	18.3	64.
20.9	61.3	6220.8	475.0	-16.7	-16.9	245.1	22.2	20.1	9.3	317.5	324.3	2.1	97.9	19.8	64.
22.2	65.1	6626.3	450.0	-18.2	-27.9	254.6	22.5	21.7	6.0	320.4	323.2	0.9	42.3	21.6	65.
23.6	68.8	7050.2	425.0	-21.7	-31.4	254.3	22.9	22.0	6.2	321.1	323.3	0.6	40.8	23.5	65.
25.2	72.7	7453.9	400.0	-25.2	-28.6	254.5	25.6	24.7	6.8	322.3	325.4	0.9	72.8	25.5	66.
26.7	76.8	7960.7	375.0	-27.9	-31.5	257.6	27.0	26.4	5.8	324.7	327.2	0.7	71.0	28.2	67.
28.3	81.0	8451.7	350.0	-32.4	-36.0	264.9	24.5	24.4	2.2	325.0	326.8	0.5	70.0	30.5	68.
30.3	85.5	8971.6	325.0	-35.3	-48.2	269.6	28.4	28.4	0.2	327.9	328.5	0.2	26.3	33.2	70.
32.4	90.2	9524.6	300.0	-39.0	99.9	277.0	27.8	27.6	-3.4	330.5	999.9	99.9	99.9	36.7	72.
34.6	95.2	10115.6	275.0	-43.6	99.9	274.6	25.8	25.7	-2.1	332.0	999.9	99.9	99.9	40.2	74.
36.9	100.3	10749.0	250.0	-49.1	99.9	280.6	32.4	31.9	-5.9	333.1	999.9	99.9	99.9	43.6	76.
39.4	106.0	11432.2	225.0	-54.6	99.9	289.1	28.0	26.5	-9.2	334.8	999.9	99.9	99.9	47.8	79.
41.8	111.5	12175.9	200.0	-60.6	99.9	291.7	29.3	27.2	-10.8	336.9	999.9	99.9	99.9	51.7	81.
44.4	117.7	12995.3	175.0	-66.6	99.9	282.4	37.9	37.0	-8.1	340.0	999.9	99.9	99.9	56.3	83.
47.9	124.8	13934.6	150.0	-61.0	99.9	268.9	30.2	30.2	0.6	365.0	999.9	99.9	99.9	63.3	85.
52.2	132.0	15065.1	125.0	-63.0	99.9	257.0	21.7	19.4	-9.9	380.9	999.9	99.9	99.9	70.2	97.
57.0	129.7	16419.2	100.0	-66.2	99.9	275.8	13.7	13.7	-1.4	399.9	999.9	99.9	99.9	77.9	88.
62.6	147.3	18161.3	75.0	-66.2	99.9	303.0	3.7	3.1	-2.0	434.3	999.9	99.9	99.9	82.6	88.
71.4	156.3	20658.9	50.0	-60.4	99.9	351.1	1.8	0.3	-1.8	501.2	999.9	99.9	99.9	83.7	89.
84.4	165.5	25056.0	25.0	-49.9	99.9	6.3	7.6	-0.8	-7.6	641.5	999.9	99.9	99.9	82.9	91.

* BY SPEED MEANS ELEVATION 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
LAKE CHARLES, LA

25 APRIL 1975
1115 GMT

149 49. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.0	5.0	1013.7	22.2	21.7	150.0	5.2	-2.6	4.5	296.4	338.8	16.4	97.0	0.0	0.
0.3	4.9	123.9	1000.0	22.0	21.2	176.2	10.0	-0.7	10.0	297.3	339.2	16.1	95.3	0.2	346.
1.1	6.8	344.2	975.0	20.4	19.2	181.1	11.2	0.2	11.2	297.6	335.6	14.5	92.9	0.7	353.
2.1	8.9	568.8	950.0	18.8	17.4	194.4	9.4	2.4	9.1	298.0	333.1	13.3	91.9	1.3	360.
2.8	10.9	758.7	925.0	19.1	15.6	201.2	6.3	2.3	5.8	300.5	333.0	12.2	80.2	1.6	4.
3.7	13.0	1034.2	900.0	18.1	9.5	200.2	3.7	1.3	3.5	301.2	324.0	8.3	57.3	1.8	6.
4.7	15.2	1275.5	875.0	17.0	7.8	214.2	6.8	3.8	5.6	302.5	323.5	7.6	54.7	2.1	9.
5.6	17.3	1522.0	850.0	15.7	-1.8	208.0	9.7	4.5	8.5	303.1	315.0	4.1	31.6	2.5	14.
6.5	19.6	1775.0	825.0	14.5	3.5	202.6	10.3	4.0	9.5	304.7	321.6	6.0	47.5	3.1	15.
7.5	21.8	2034.4	800.0	12.8	2.9	209.7	11.8	5.8	10.2	305.6	322.3	5.9	51.0	3.7	17.
8.5	24.2	2300.4	775.0	11.7	-6.9	211.0	13.8	7.1	11.8	306.8	315.6	2.9	26.5	4.5	19.
9.5	26.4	2573.9	750.0	10.6	-23.6	217.9	14.5	8.9	11.4	308.3	312.7	1.4	13.4	5.3	22.
10.7	28.9	2855.3	725.0	9.8	-43.9	226.8	14.7	10.7	10.1	310.3	310.6	0.1	1.0	6.3	25.
11.7	31.5	3146.0	700.0	9.5	-44.1	237.9	14.5	12.3	7.7	313.0	313.4	0.1	1.0	7.2	28.
12.8	34.1	3446.3	675.0	7.7	-43.3	255.0	12.1	11.7	3.1	314.3	314.8	0.2	1.6	7.9	32.
13.9	36.5	3756.2	650.0	6.1	-15.3	266.1	10.3	10.2	0.7	316.1	321.9	1.8	20.3	8.3	36.
15.1	39.2	4076.0	625.0	3.7	-11.6	267.7	10.5	10.5	0.4	317.0	324.9	2.5	31.7	8.8	40.
16.3	41.8	4406.6	600.0	1.8	-8.7	270.2	11.7	11.7	-0.0	318.6	328.8	3.3	45.6	9.4	44.
17.7	44.7	4748.1	575.0	-1.7	-8.9	270.9	11.8	11.8	-0.2	318.4	328.9	3.4	57.8	10.0	48.
18.9	47.6	5099.7	550.0	-5.2	-12.5	264.8	12.9	12.8	1.2	318.2	326.6	2.7	56.4	10.8	51.
20.3	50.5	5463.2	525.0	-8.3	-17.5	268.7	13.1	13.1	0.3	318.7	324.6	1.8	47.2	11.6	54.
21.6	53.6	5839.7	500.0	-11.4	-23.3	277.9	14.5	14.3	-2.0	319.3	323.1	1.2	36.6	12.5	57.
22.9	56.6	6231.0	475.0	-14.1	-47.3	271.7	16.2	16.2	-0.5	320.5	321.3	0.3	9.3	13.4	60.
24.2	59.9	6640.2	450.0	-15.6	-59.8	262.9	16.3	16.2	2.0	323.6	323.7	0.0	1.0	14.6	63.
25.8	63.4	7068.4	425.0	-18.8	-51.9	266.7	16.7	16.6	1.0	324.8	324.8	0.0	1.0	16.1	65.
27.5	66.7	7517.8	400.0	-21.3	-63.5	267.4	19.3	19.2	0.9	327.2	327.3	0.0	1.0	17.6	67.
29.3	70.4	7990.9	375.0	-24.7	-50.7	263.4	23.2	23.1	2.7	328.9	329.5	0.2	12.0	20.0	69.
31.2	74.2	8489.3	350.0	-28.5	-68.1	265.7	22.1	22.1	1.7	330.3	330.4	0.0	1.0	22.4	70.
33.1	78.3	9017.0	325.0	-32.2	-70.6	273.8	24.0	23.9	-1.6	332.3	332.3	0.0	1.0	24.9	73.
35.0	82.3	9576.9	300.0	-36.7	-70.6	286.6	25.5	24.4	-7.3	333.6	333.6	0.0	1.9	27.5	75.
37.2	86.6	10173.0	275.0	-41.7	99.9	285.9	27.9	26.8	-7.6	334.9	999.9	99.9	99.9	30.4	79.
39.6	91.4	10811.4	250.0	-47.1	99.9	285.2	34.0	32.8	-8.9	336.0	999.9	99.9	99.9	34.4	82.
42.2	96.4	11499.8	225.0	-52.7	99.9	288.1	32.3	30.7	-10.0	337.7	999.9	99.9	99.9	39.2	85.
45.1	101.8	12249.9	200.0	-58.5	99.9	284.9	33.2	32.1	-8.5	340.1	999.9	99.9	99.9	44.4	88.
48.0	108.0	13076.9	175.0	-65.7	99.9	286.5	35.2	33.7	-10.0	341.5	999.9	99.9	99.9	50.0	90.
51.3	114.7	14007.3	150.0	-66.7	99.9	281.2	29.8	29.3	-5.8	355.1	999.9	99.9	99.9	56.6	92.
55.2	122.0	15112.1	125.0	-65.9	99.9	276.4	29.5	29.3	-3.3	375.6	999.9	99.9	99.9	63.5	91.
60.1	131.0	16463.7	100.0	-66.7	99.9	280.2	20.8	20.5	-3.7	398.8	999.9	99.9	99.9	70.6	92.
65.7	140.5	18195.1	75.0	-65.2	99.9	311.4	9.3	7.0	-6.1	436.2	999.9	99.9	99.9	76.0	93.
74.0	151.5	20680.2	50.0	-60.7	99.9	999.9	99.9	99.9	99.9	500.6	999.9	99.9	99.9	99.9	99.9.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.

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

STATION NO. 248
SHREVEPORT, LA

25 APRIL 1975
1115 GMT

160 16. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	79.0	1004.1	22.2	19.4	170.0	3.6	-0.6	3.5	296.9	334.2	14.3	84.0	0.0	0.
0.1	4.5	114.8	1000.0	22.2	19.7	180.7	6.2	0.1	6.2	297.4	335.7	14.7	85.8	0.1	355.
0.8	6.3	335.8	975.0	21.7	20.4	190.3	10.7	1.9	10.6	299.1	340.3	15.7	92.5	0.4	354.
1.4	8.3	561.6	950.0	20.3	19.1	203.5	12.2	4.8	11.1	299.8	338.9	14.8	92.7	0.9	5.
2.2	10.3	792.4	925.0	19.1	17.9	215.4	15.0	8.7	12.2	300.8	338.3	14.1	92.6	1.5	16.
3.0	12.3	1029.2	900.0	17.5	16.3	222.2	15.6	10.4	11.5	301.3	336.3	13.1	92.5	2.2	23.
3.8	14.4	1269.6	875.0	17.7	13.1	239.8	17.1	14.8	8.6	303.6	333.3	10.9	74.8	2.9	30.
4.6	16.3	1518.0	850.0	17.8	4.4	254.0	17.4	16.7	4.8	305.6	323.1	6.2	41.0	3.6	38.
5.5	18.5	1772.6	825.0	15.9	4.3	253.7	17.1	16.4	4.8	306.3	324.4	6.4	46.4	4.3	45.
6.3	20.7	2033.4	800.0	13.5	8.7	255.5	14.4	14.0	3.6	306.7	331.4	8.9	72.9	5.0	50.
7.2	22.9	2300.2	775.0	11.2	9.9	260.1	11.2	11.0	1.9	307.2	334.8	10.0	91.4	5.6	53.
8.0	25.2	2574.2	750.0	9.8	6.9	270.1	8.3	8.3	-0.0	308.3	332.0	8.4	82.3	6.1	55.
9.0	27.5	2856.0	725.0	8.4	5.7	290.9	7.5	7.0	-2.7	309.8	332.5	8.0	83.1	6.3	58.
9.9	29.9	3145.5	700.0	6.2	4.1	291.4	9.0	8.4	-3.3	310.3	331.4	7.4	86.8	6.6	61.
10.7	32.4	3443.6	675.0	4.7	0.7	275.9	9.5	9.4	-1.0	311.7	329.2	6.0	85.3	6.9	64.
11.6	35.0	3750.6	650.0	2.3	-1.2	262.9	12.0	11.9	1.5	312.3	328.2	5.4	77.7	7.4	65.
12.4	37.3	4066.5	625.0	-0.3	-4.2	259.2	14.7	14.4	2.8	312.6	326.2	4.6	76.5	8.1	67.
13.6	40.1	4393.3	600.0	-0.2	-29.5	251.3	17.0	16.1	5.5	315.9	317.7	0.5	8.7	9.2	68.
14.7	42.6	4731.7	575.0	-3.4	-31.2	251.9	18.1	17.2	5.6	316.0	317.7	0.5	9.6	10.3	68.
15.8	45.4	5081.7	550.0	-5.4	-39.4	256.3	18.5	17.9	4.4	317.7	318.5	0.2	4.8	11.5	69.
16.9	48.4	5444.5	525.0	-8.4	-40.4	261.4	19.5	19.3	2.9	318.3	319.1	0.2	5.5	12.9	70.
18.1	51.1	5820.9	500.0	-11.2	-44.3	262.0	20.3	20.1	2.8	319.3	319.9	0.1	4.5	14.2	71.
19.3	54.3	6213.0	475.0	-13.4	-43.2	266.8	20.0	20.0	1.1	321.3	322.0	0.2	6.0	15.6	72.
20.5	57.3	6621.9	450.0	-15.8	-48.3	270.1	20.3	20.3	-0.0	323.3	323.7	0.1	4.2	17.1	74.
22.0	60.6	7050.6	425.0	-18.8	-48.2	271.6	20.2	20.2	-0.6	324.8	325.3	0.1	5.4	18.8	75.
23.6	64.1	7498.8	400.0	-22.6	-50.5	271.3	24.2	24.2	-0.5	325.6	325.9	0.1	5.8	20.8	77.
25.0	67.4	7968.8	375.0	-26.3	-52.8	276.7	23.5	23.4	-2.8	326.7	327.0	0.1	6.2	22.6	78.
26.6	71.0	8464.9	350.0	-29.3	-54.6	280.1	25.3	24.9	-4.4	329.2	329.5	0.1	6.5	24.9	80.
28.2	75.0	8990.0	325.0	-33.2	-57.2	282.0	26.1	25.5	-5.4	330.8	331.0	0.0	6.9	27.2	82.
30.0	79.2	9547.1	300.0	-37.8	-60.2	283.5	28.0	27.2	-6.5	332.1	332.2	0.0	7.4	29.9	84.
31.8	83.4	10141.5	275.0	-42.2	99.9	284.4	30.5	29.6	-7.6	334.2	999.9	99.9	999.9	33.0	86.
33.7	87.8	10779.3	250.0	-47.5	99.9	289.6	33.8	31.9	-11.3	335.5	999.9	99.9	999.9	36.4	88.
36.0	92.8	11465.8	225.0	-53.3	99.9	289.0	37.4	35.3	-12.2	336.9	999.9	99.9	999.9	41.1	90.
38.4	98.0	12214.2	200.0	-59.3	99.9	285.9	39.6	38.1	-10.8	338.8	999.9	99.9	999.9	46.3	93.
41.0	103.8	13037.3	175.0	-66.5	99.9	283.7	41.8	40.6	-9.9	340.2	999.9	99.9	999.9	52.5	94.
44.4	110.3	13963.6	150.0	-66.0	99.9	276.8	35.6	35.4	-4.2	356.5	999.9	99.9	999.9	59.8	95.
48.3	117.3	15077.9	125.0	-62.9	99.9	274.2	36.3	36.2	-2.6	381.2	999.9	99.9	999.9	67.8	95.
53.2	126.0	16442.0	100.0	-66.8	99.9	275.1	25.9	25.8	-2.3	398.7	999.9	99.9	999.9	74.4	95.
59.1	136.0	18187.2	75.0	-68.5	99.9	320.5	9.0	5.7	-6.9	427.1	999.9	99.9	999.9	79.3	96.
67.1	146.5	20669.6	50.0	-59.7	99.9	335.3	3.5	1.4	-3.1	502.9	999.9	99.9	999.9	81.4	97.
79.3	158.5	25055.4	25.0	-52.1	99.9	337	3.8	-2.1	-3.2	635.0	999.9	99.9	999.9	82.0	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

390

STATION NO. 255
VICTORIA, TEX

25 APRIL 1975
1115 GMT

163 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	33.0	1007.4	23.9	21.6	170.0	5.2	-0.9	5.1	298.6	341.4	16.4	87.0	0.0	0.
0.2	4.8	97.8	1000.0	23.4	21.6	999.9	99.9	99.9	99.9	298.8	342.0	16.5	89.5	999.9	999.
0.9	6.6	319.5	975.0	22.1	21.1	999.9	99.9	99.9	99.9	299.6	342.7	16.4	94.3	999.9	999.
1.6	8.9	545.7	950.0	20.8	19.7	999.9	99.9	99.9	99.9	300.4	341.2	15.5	93.8	999.9	999.
2.4	10.8	776.8	925.0	19.3	18.1	190.4	13.3	2.4	13.0	301.0	338.9	14.3	92.4	1.6	355.
3.2	13.0	1013.5	900.0	21.3	7.1	194.4	17.7	4.4	17.2	304.4	324.2	7.1	39.9	2.3	2.
3.9	15.2	1257.2	875.0	19.9	7.7	194.2	17.6	4.3	17.1	305.5	326.7	7.6	45.1	3.1	5.
4.8	17.4	1506.2	850.0	17.4	8.5	189.9	16.2	2.8	15.9	305.5	328.4	8.2	55.8	4.0	7.
5.7	19.9	1763.5	825.0	15.6	5.1	190.2	14.5	2.6	14.3	306.0	325.0	6.7	49.6	4.8	7.
6.7	22.0	2021.2	800.0	15.3	-15.3	207.7	12.1	5.6	10.8	307.6	312.2	1.5	10.7	5.6	9.
7.6	24.4	2290.7	775.0	16.8	-39.6	220.3	8.2	5.3	6.3	311.9	312.5	0.2	1.0	6.1	11.
8.6	26.8	2569.0	750.0	16.5	-39.8	241.6	6.6	5.8	3.1	314.5	315.1	0.2	1.0	6.4	13.
9.5	29.3	2855.7	725.0	14.4	-30.2	275.9	4.9	4.9	-0.5	315.3	316.9	0.5	3.3	6.6	16.
10.5	32.0	3149.9	700.0	11.5	-17.8	308.0	4.2	3.3	-2.6	315.3	319.7	1.3	11.1	6.5	18.
11.6	34.7	3452.3	675.0	9.1	-7.5	266.7	4.0	3.9	-1.2	316.2	326.1	3.2	30.2	6.4	20.
12.6	37.2	3763.8	650.0	7.5	-22.0	267.0	5.2	5.9	0.3	317.5	320.9	1.0	10.5	6.6	22.
13.7	40.1	4085.0	625.0	4.8	-21.9	278.3	8.9	8.8	-1.3	318.0	321.5	1.1	12.3	6.7	26.
14.8	42.8	4416.1	600.0	2.3	-23.2	275.3	10.8	10.8	-1.0	318.9	322.1	1.0	13.1	6.9	32.
15.9	45.8	4758.0	575.0	-0.4	-27.0	269.4	11.3	11.3	0.1	319.5	322.0	0.7	11.2	7.3	37.
17.1	48.9	5110.9	550.0	-3.8	-28.5	270.4	12.0	12.0	-0.1	319.6	321.8	0.7	12.5	7.9	42.
18.4	51.3	5476.0	525.0	-7.0	-26.7	267.7	15.2	15.1	0.6	320.1	322.8	0.8	18.9	8.6	46.
19.7	55.0	5854.2	500.0	-9.9	-29.8	265.3	19.3	19.2	1.6	321.0	323.2	0.6	17.7	9.6	52.
21.0	58.0	6248.7	475.0	-11.7	-25.6	265.8	20.1	20.1	1.5	323.5	326.9	1.0	30.3	11.0	56.
22.5	61.4	6661.8	450.0	-13.6	-30.6	279.2	18.8	18.6	-3.0	326.1	328.4	0.7	22.4	12.4	61.
24.0	65.0	7093.2	425.0	-17.3	-23.2	274.8	21.0	20.9	-1.8	326.9	331.6	1.4	60.0	13.9	65.
25.5	68.6	7545.7	400.0	-20.3	-27.4	276.1	19.4	19.3	-2.1	328.7	332.2	1.0	52.5	15.5	69.
27.2	72.2	8020.2	375.0	-24.2	-28.2	275.6	22.3	22.2	-2.2	329.6	333.1	1.0	69.1	17.3	72.
28.7	76.3	8520.2	350.0	-27.7	-34.7	276.0	22.3	22.2	-2.3	331.3	333.4	0.6	51.2	19.4	74.
30.4	80.4	9049.6	325.0	-31.2	-41.4	276.5	21.5	21.4	-2.4	333.7	334.8	0.3	35.4	21.4	77.
32.3	84.9	9610.7	300.0	-36.5	-46.2	274.4	22.7	22.6	-1.7	333.9	334.6	0.2	35.3	23.7	79.
34.4	89.4	10207.1	275.0	-41.9	99.9	276.6	22.8	22.7	-2.6	334.6	999.9	99.9	999.9	26.4	80.
36.5	94.5	10845.1	250.0	-47.5	99.9	279.1	24.6	24.3	-3.9	335.4	999.9	99.9	999.9	29.3	82.
38.6	99.6	11531.8	225.0	-53.8	99.9	279.3	23.4	23.1	-3.8	336.0	999.9	99.9	999.9	32.4	84.
41.3	105.3	12277.1	200.0	-59.9	99.9	275.9	28.5	28.3	-2.9	338.0	999.9	99.9	999.9	36.1	85.
44.0	111.3	13101.1	175.0	-65.0	99.9	286.9	27.5	26.3	-8.0	342.7	999.9	99.9	999.9	40.9	87.
47.3	118.3	14031.9	150.0	-66.9	99.9	283.7	27.8	27.0	-6.6	354.8	999.9	99.9	999.9	46.2	89.
50.8	126.0	15130.7	125.0	-68.9	99.9	271.8	31.4	31.4	-1.0	370.2	999.9	99.9	999.9	51.5	89.
55.6	135.0	16466.3	100.0	-70.1	99.9	269.0	15.9	15.9	0.3	392.4	999.9	99.9	999.9	57.8	90.
61.4	143.7	18168.7	75.0	-70.8	99.9	277.6	10.1	10.0	-1.3	424.4	999.9	99.9	999.9	62.4	90.
69.4	154.0	20644.0	50.0	-61.8	99.9	288.8	1.6	1.5	-0.5	497.8	999.9	99.9	999.9	63.5	91.
81.0	164.7	25073.6	25.0	-51.9	99.9	999.9	99.9	99.9	99.9	635.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 260
STEPHENVILLE, TEX

25 APRIL 1975
1115 GMT

155 34. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	399.0	963.8	18.0	15.6	180.0	5.2	0.0	5.2	295.8	326.4	11.7	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	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.6	10.5	523.7	950.0	19.6	18.1	207.6	13.7	6.3	12.1	299.0	335.6	13.9	90.5	0.2	15.
1.6	12.9	754.7	925.0	22.6	12.9	218.2	16.2	10.0	12.7	303.8	331.8	10.3	54.9	1.0	29.
2.4	15.3	993.7	900.0	22.7	12.6	227.5	11.4	8.4	7.7	306.3	334.6	10.3	52.8	1.8	35.
3.4	17.8	1238.6	875.0	21.3	10.3	250.3	7.2	6.8	2.4	307.2	332.4	9.1	49.4	2.3	40.
4.3	20.3	1489.6	850.0	20.8	-1.1	266.1	4.0	4.0	0.3	308.6	322.0	4.6	25.4	2.5	44.
5.1	22.8	1746.5	825.0	19.3	-9.0	273.2	1.7	1.7	-0.1	309.3	316.5	2.4	13.9	2.6	46.
6.1	25.4	2009.4	800.0	15.7	-7.2	262.0	0.0	0.0	0.0	309.3	317.7	2.8	18.7	2.6	47.
7.0	28.0	2278.0	775.0	14.2	-9.7	224.1	1.6	1.1	1.1	309.4	316.6	2.4	18.1	2.6	47.
7.9	30.8	2553.2	750.0	11.9	-17.8	262.4	2.7	2.7	0.4	309.6	313.6	1.3	10.8	2.8	48.
8.4	33.6	2835.2	725.0	9.2	-18.4	273.9	3.6	3.6	-0.2	309.7	313.6	1.2	12.3	2.9	50.
9.7	36.1	3124.2	700.0	7.1	-23.3	283.2	6.5	6.3	-1.5	310.4	313.1	0.8	9.3	3.1	53.
10.7	39.0	3422.1	675.0	6.1	-27.3	279.9	9.7	9.6	-1.7	312.5	314.5	0.6	6.9	3.4	60.
11.7	41.8	3729.6	650.0	3.4	-25.9	268.0	10.3	10.3	0.4	312.2	315.2	0.7	9.6	3.9	65.
12.7	44.8	4045.6	625.0	0.5	-25.6	249.0	11.0	10.3	3.9	313.0	315.5	0.8	11.9	4.5	67.
13.8	47.9	4371.5	600.0	-1.9	-25.7	237.6	12.4	10.5	6.7	314.0	316.5	0.8	14.1	5.3	66.
14.9	50.8	4708.4	575.0	-3.5	-48.6	235.6	9.8	8.1	5.6	315.9	316.3	0.1	2.1	6.1	65.
16.0	54.0	5058.5	550.0	-5.4	-53.3	254.4	7.8	7.5	2.1	317.6	317.8	0.0	1.0	6.6	64.
17.1	57.1	5421.4	525.0	-8.1	-55.0	262.1	8.5	8.4	1.2	318.7	318.9	0.0	1.0	7.2	66.
18.3	60.6	5799.0	500.0	-10.1	-56.3	263.8	10.1	10.0	1.1	320.7	320.9	0.0	1.0	7.8	67.
19.6	64.3	6192.0	475.0	-12.9	-58.1	260.8	12.4	12.2	2.0	321.9	322.0	0.0	1.0	8.6	69.
20.9	67.7	6601.4	450.0	-16.4	-60.3	269.4	14.1	14.1	0.2	322.6	322.6	0.0	1.0	9.6	70.
22.2	71.3	7028.4	425.0	-19.7	-62.5	266.9	16.7	16.7	0.9	323.6	323.7	0.0	1.0	10.7	73.
23.8	75.2	7474.7	400.0	-23.7	-65.0	266.9	19.9	19.8	1.1	324.1	324.1	0.0	1.0	12.4	74.
25.6	79.3	7943.2	375.0	-26.8	-65.4	272.3	20.5	20.5	-0.8	326.1	326.2	0.0	1.3	14.6	77.
27.5	83.3	8437.1	350.0	-30.7	-65.9	271.1	20.8	20.8	-0.4	327.2	327.3	0.0	1.7	16.9	79.
29.7	87.6	8958.7	325.0	-34.8	-67.2	268.3	24.6	24.6	0.7	328.6	328.6	0.0	2.1	19.8	80.
32.1	92.2	9513.5	300.0	-38.7	-52.6	274.5	27.6	27.5	-2.2	330.8	331.2	0.1	21.1	23.5	82.
34.1	96.8	10104.8	275.0	-43.7	99.9	271.7	31.5	31.5	-0.9	331.9	999.9	99.9	999.9	27.2	84.
36.8	101.8	10737.7	250.0	-49.2	99.9	274.3	36.9	36.8	-2.7	332.9	999.9	99.9	999.9	32.4	85.
39.8	107.3	11420.2	225.0	-54.7	99.9	281.6	32.6	31.9	-6.6	334.7	999.9	99.9	999.9	38.3	87.
43.1	112.8	12162.1	200.0	-61.1	99.9	276.2	35.7	35.5	-3.9	336.0	999.9	99.9	999.9	45.5	89.
46.3	119.0	12976.5	175.0	-67.7	99.9	279.2	38.3	37.8	-6.2	338.2	999.9	99.9	999.9	52.0	90.
50.9	126.0	13910.3	150.0	-65.9	99.9	272.0	25.7	25.6	-0.9	356.6	999.9	99.9	999.9	60.4	91.
55.8	133.3	15023.3	125.0	-65.7	99.9	265.0	26.1	26.0	2.3	376.0	999.9	99.9	999.9	68.8	90.
62.3	141.0	16378.0	100.0	-66.1	99.9	281.8	19.2	18.8	-3.9	400.0	999.9	99.9	999.9	78.1	90.
69.7	148.7	18116.3	75.0	-63.2	99.9	84.0	5.8	-5.8	-0.6	440.4	999.9	99.9	999.9	84.0	91.
80.8	157.3	20626.4	50.0	-58.6	99.9	274.0	7.7	7.7	-0.5	505.6	999.9	99.9	999.9	85.2	91.
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

25 APRIL 1975
1115 GMT

162 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	314.0	972.0	21.7	18.9	100.0	4.6	-4.5	0.8	299.2	336.9	14.3	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.
59.9	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	512.8	950.0	20.9	17.3	126.6	12.0	-9.6	7.2	300.2	335.3	13.2	79.7	0.4	293.
1.6	13.3	743.9	925.0	20.0	14.8	150.9	11.1	-5.4	9.7	301.4	332.4	11.3	71.9	1.0	307.
2.5	15.7	580.6	900.0	19.6	14.1	172.9	10.0	-1.2	9.9	303.2	333.9	11.3	70.5	1.4	321.
3.3	18.1	1224.6	875.0	21.9	13.1	172.0	7.1	-1.0	7.0	308.0	338.3	10.9	57.6	1.8	329.
4.2	20.5	1476.3	850.0	20.8	9.4	167.4	7.4	-1.6	7.2	309.2	334.0	8.8	48.0	2.2	332.
5.2	23.1	1734.2	825.0	20.3	2.7	153.9	8.1	-3.5	7.2	310.8	327.2	5.7	31.2	2.6	334.
6.1	25.6	1999.2	800.0	19.3	-0.1	138.8	5.7	-3.8	4.3	312.4	326.4	4.7	27.0	3.0	333.
7.1	28.2	2271.2	775.0	18.2	-1.9	158.3	4.2	-1.6	3.9	313.9	327.1	4.4	26.2	3.3	332.
8.0	31.0	2550.8	750.0	16.3	-2.3	202.4	4.9	1.9	4.5	314.8	327.7	4.3	27.8	3.5	334.
9.0	33.7	2838.0	725.0	14.2	-9.5	220.5	5.9	3.9	4.5	315.3	323.3	2.6	18.5	3.7	335.
10.1	36.4	3132.6	700.0	12.1	-16.7	238.8	5.9	5.0	3.1	316.1	320.9	1.5	11.7	3.8	344.
11.1	39.3	3435.7	675.0	10.0	-20.2	259.3	7.1	6.9	1.3	317.0	320.7	1.1	10.0	3.9	350.
12.2	42.1	3747.3	650.0	7.2	-21.2	264.7	8.3	8.3	0.8	317.2	320.7	1.1	11.1	3.9	358.
13.3	45.1	4067.6	625.0	4.0	-22.1	266.0	9.0	9.0	0.6	317.1	320.6	1.0	12.8	3.9	6.
14.5	48.3	4397.3	600.0	0.9	-22.5	265.2	10.6	10.6	0.9	317.3	320.7	1.0	15.3	4.1	15.
15.7	51.1	4737.8	575.0	-1.1	-21.3	256.7	15.0	14.6	3.5	318.8	322.8	1.2	19.6	4.6	26.
16.9	54.3	5096.4	550.0	-4.1	-19.7	255.3	17.0	16.5	4.3	319.4	324.2	1.5	28.4	5.4	36.
18.2	57.4	5455.3	525.0	-7.2	-17.0	253.6	17.8	17.1	5.0	320.0	326.2	1.9	45.4	6.5	43.
19.5	60.9	5833.1	500.0	-10.5	-20.7	259.3	15.6	15.4	2.9	320.4	325.2	1.5	42.7	7.7	49.
20.9	64.3	6225.8	475.0	-13.8	-22.0	249.5	14.4	13.5	5.0	321.1	325.6	1.4	49.8	8.8	52.
22.3	67.7	6635.3	450.0	-16.1	-21.0	252.0	14.0	13.3	4.3	323.2	328.4	1.6	65.9	9.9	54.
23.8	71.1	7063.7	425.0	-18.5	-26.1	262.4	15.4	15.3	2.0	325.3	328.9	1.1	52.2	11.1	56.
25.3	75.0	7513.4	400.0	-21.5	-24.9	266.0	19.4	19.4	1.4	327.1	331.4	1.3	73.9	12.5	60.
26.8	79.0	7985.5	375.0	-25.4	-30.1	262.9	20.7	20.6	2.6	328.0	330.9	0.8	64.6	14.2	63.
28.3	82.8	8483.1	350.0	-28.7	-35.4	266.1	20.8	20.7	1.4	330.0	331.9	0.5	52.5	16.1	66.
30.1	87.0	9009.1	325.0	-33.1	-40.2	269.9	22.2	22.2	0.0	331.0	332.3	0.3	48.8	18.2	69.
31.8	91.4	9566.4	300.0	-38.0	-42.8	262.2	23.7	23.4	3.2	331.8	332.9	0.3	59.9	20.3	71.
33.8	96.0	10159.1	275.0	-42.8	99.9	266.9	24.5	24.5	1.3	333.3	999.9	99.9	999.9	23.2	72.
35.9	100.7	10795.1	250.0	-48.2	99.9	269.3	27.7	27.6	0.3	334.4	999.9	99.9	999.9	26.4	74.
38.1	105.7	11480.0	225.0	-54.1	99.9	271.8	27.7	27.7	-0.9	335.7	999.9	99.9	999.9	30.0	76.
40.6	111.3	12225.7	200.0	-59.8	99.9	269.6	33.4	33.4	0.2	338.1	999.9	99.9	999.9	34.1	78.
43.1	117.0	13047.4	175.0	-66.4	99.9	279.4	34.0	33.5	-5.6	340.3	999.9	99.9	999.9	39.2	80.
46.3	124.0	13968.5	150.0	-69.5	99.9	274.1	32.3	32.2	-2.3	350.3	999.9	99.9	999.9	45.2	82.
50.1	131.3	15069.6	125.0	-67.1	99.9	267.0	25.5	25.4	1.4	373.4	999.9	99.9	999.9	51.0	83.
54.9	139.0	16412.4	100.0	-70.2	99.9	261.8	18.3	18.1	2.6	392.1	999.9	99.9	999.9	56.9	84.
60.4	147.0	18101.5	75.0	-70.4	99.9	290.5	7.7	7.2	-2.7	425.3	999.9	99.9	999.9	61.6	84.
68.5	156.5	20577.7	50.0	-60.5	99.9	2.2	7.6	-0.3	-7.6	501.1	999.9	99.9	999.9	62.4	86.
80.5	166.5	24982.2	25.0	-53.2	99.9	15.4	6.2	-1.6	-6.0	632.1	999.9	99.9	999.9	62.6	88.

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

STATION NO. 265
MIDLAND, TEX

25 APRIL 1975
1115 GMT

150 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	873.0	911.3	12.8	7.3	330.0	1.0	0.5	-0.9	254.6	313.5	7.1	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	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	12.9	979.6	900.0	19.7	15.4	999.9	99.9	99.9	99.9	303.5	337.3	12.5	76.2	999.9	99.9
1.4	15.2	1224.1	875.0	20.8	13.9	999.9	99.9	99.9	99.9	307.0	338.7	11.5	64.6	999.9	99.9
2.3	17.3	1475.4	850.0	21.2	6.7	186.2	11.4	1.2	11.3	309.3	330.0	7.3	39.0	1.4	10.
3.2	19.6	1733.1	825.0	19.6	3.4	182.0	8.3	0.3	8.3	310.2	327.4	6.0	34.3	2.0	8.
4.2	21.7	1996.9	800.0	17.9	-6.7	177.2	5.2	-0.3	5.2	310.6	319.4	2.9	18.1	2.4	7.
5.2	24.2	2266.9	775.0	15.7	-7.5	195.9	3.9	1.1	3.8	311.1	319.6	2.8	19.5	2.6	6.
6.2	26.4	2543.7	750.0	13.3	-9.6	228.7	5.2	3.9	3.4	311.4	318.9	2.5	19.2	2.8	9.
7.2	28.9	2827.6	725.0	11.5	-12.5	255.4	8.7	8.4	2.2	312.4	318.6	2.0	17.3	3.1	15.
8.3	31.4	3119.4	700.0	9.2	-13.8	272.0	10.5	10.5	-0.4	312.9	318.7	1.9	18.1	3.3	26.
9.4	34.0	3419.0	675.0	6.7	-14.3	272.1	12.1	12.1	-0.4	313.4	319.2	1.9	20.5	3.7	37.
10.5	36.5	3727.6	650.0	4.6	-16.3	266.1	14.2	14.2	1.0	314.4	319.6	1.6	20.2	4.3	46.
11.7	39.2	4045.7	625.0	2.4	-18.3	258.3	16.4	16.0	3.3	315.3	320.0	1.4	19.9	5.2	53.
12.9	41.8	4373.8	600.0	-0.4	-21.2	252.6	17.3	16.5	5.2	315.8	319.6	1.2	18.9	6.3	57.
14.0	44.7	4712.6	575.0	-2.3	-22.6	250.2	16.0	15.0	5.4	317.4	320.9	1.1	19.2	7.5	59.
15.2	47.6	5065.2	550.0	-3.3	-28.3	258.0	13.3	13.0	2.8	320.2	322.5	0.7	12.3	8.5	61.
16.5	50.4	5431.0	525.0	-6.1	-30.8	264.6	11.7	11.6	1.1	321.1	323.0	0.6	12.0	9.4	63.
17.9	53.4	5810.4	500.0	-9.4	-33.2	256.8	12.0	11.6	2.7	321.6	323.2	0.5	12.3	10.3	65.
19.3	56.3	6204.5	475.0	-12.7	-35.5	252.4	13.5	12.9	4.1	322.3	323.7	0.4	12.6	11.4	66.
20.8	59.4	6614.7	450.0	-15.7	-37.8	251.7	14.7	14.0	4.6	323.4	324.6	0.3	12.9	12.7	66.
22.4	62.9	7042.8	425.0	-19.1	-39.7	250.1	17.3	16.2	5.9	324.5	325.5	0.3	14.1	14.2	67.
24.3	66.1	7491.1	400.0	-22.5	-41.6	250.2	18.2	17.2	6.2	325.8	326.7	0.2	15.6	16.1	67.
25.9	69.7	7961.2	375.0	-26.5	-44.7	254.3	18.2	17.5	4.9	326.5	327.2	0.2	15.9	17.9	68.
27.7	73.2	8455.7	350.0	-30.3	-45.7	254.5	22.0	21.2	5.9	327.8	328.6	0.2	23.6	19.9	68.
29.6	77.2	8979.8	325.0	-33.9	-37.5	260.2	22.4	22.1	3.8	329.9	331.5	0.5	69.7	22.5	69.
31.5	81.0	9535.0	300.0	-38.5	-41.5	257.5	24.6	24.0	5.3	331.1	332.3	0.3	73.0	25.3	71.
33.5	85.3	10126.7	275.0	-43.6	99.9	259.9	28.1	27.7	4.9	332.1	999.9	99.9	99.9	28.5	71.
35.7	89.8	10760.0	250.0	-49.1	99.9	263.1	32.5	32.3	3.9	333.1	999.9	99.9	99.9	32.3	73.
38.1	94.6	11443.4	225.0	-54.7	99.9	267.4	33.9	33.9	1.5	334.6	999.9	99.9	99.9	37.2	74.
40.8	99.6	12185.8	200.0	-61.1	99.9	272.7	40.5	40.4	-1.9	336.0	999.9	99.9	99.9	42.9	76.
44.0	105.3	13004.2	175.0	-66.1	99.9	272.3	43.1	43.1	-1.7	340.9	999.9	99.9	99.9	50.0	79.
47.5	111.3	13934.9	150.0	-67.5	99.9	263.6	31.6	31.4	3.5	353.9	999.9	99.9	99.9	58.0	80.
51.9	118.3	15039.7	125.0	-65.2	99.9	258.8	23.3	22.8	4.5	377.0	999.9	99.9	99.9	66.0	80.
57.0	126.0	16395.9	100.0	-65.2	99.9	276.9	23.2	23.0	-2.8	401.7	999.9	99.9	99.9	74.6	81.
63.4	135.3	18134.8	75.0	-67.5	99.9	261.8	14.4	14.3	2.1	431.5	999.9	99.9	99.9	82.0	82.
72.4	144.7	20624.8	50.0	-58.5	99.9	26.8	3.5	-1.6	-3.1	505.8	999.9	99.9	99.9	85.2	83.
86.9	155.5	25051.0	25.0	-51.9	99.9	70.2	7.1	-6.7	-2.4	635.6	999.9	99.9	99.9	86.0	85.

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

STATION NO. 304
HATTERAS, NC

25 APRIL 1975
1115 GMT

106 170. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGF KM	AZ DG
0.0	4.5	4.0	1016.6	19.6	17.4	240.0	7.2	6.2	3.6	293.0	325.0	12.4	87.0	0.0	0.
0.5	5.9	146.4	1000.0	19.8	17.3	270.3	18.4	18.4	-0.1	294.6	327.3	12.6	85.8	0.9	25.
1.3	7.9	364.9	975.0	19.0	14.8	240.4	24.2	21.1	12.0	295.7	324.5	10.9	76.6	1.6	49.
2.1	16.1	588.1	950.0	17.9	12.5	237.9	23.4	19.8	12.4	296.6	322.2	9.6	70.5	2.8	52.
2.9	12.1	816.7	925.0	17.4	13.5	251.3	22.9	21.6	7.3	298.5	326.8	10.6	77.9	3.8	55.
3.6	14.3	1050.8	900.0	15.9	12.7	263.9	20.9	20.8	2.2	299.3	327.1	10.4	81.4	4.7	60.
4.3	16.4	1290.1	875.0	14.1	12.9	270.9	18.0	18.0	-0.3	299.9	328.7	10.8	92.5	5.5	64.
5.1	18.6	1534.8	850.0	12.6	11.4	274.4	16.4	16.4	-1.3	300.6	327.8	10.1	92.8	6.2	68.
5.9	20.8	1785.5	825.0	11.2	10.0	276.6	12.2	12.1	-1.4	301.7	327.2	9.4	92.0	6.9	70.
6.8	23.2	2042.5	800.0	9.6	7.9	266.2	12.9	12.8	0.8	302.5	325.7	8.4	89.0	7.5	72.
7.6	25.5	2306.0	775.0	7.8	6.3	262.4	11.9	11.8	1.6	303.2	324.7	7.8	90.0	8.1	73.
8.5	27.8	2575.9	750.0	5.6	4.5	265.0	11.7	11.6	1.0	303.6	323.3	7.1	92.4	8.6	74.
9.3	30.3	2852.8	725.0	3.7	2.5	267.4	13.3	13.2	0.6	304.3	322.2	6.4	92.3	9.3	74.
10.2	32.9	3137.6	700.0	2.4	0.8	265.2	14.3	14.3	0.2	305.9	322.4	5.8	88.9	10.0	75.
11.0	35.3	3431.3	675.0	0.9	-3.4	266.4	14.1	14.1	0.9	307.2	320.1	4.4	73.4	10.7	76.
12.0	37.8	3734.1	650.0	-0.5	-8.7	263.2	14.2	14.1	1.7	308.8	318.0	3.1	54.1	11.5	77.
12.9	46.5	4047.2	625.0	-1.8	-14.5	265.9	16.0	16.0	0.0	310.6	316.7	2.0	37.3	12.3	77.
13.9	43.1	4370.7	600.0	-3.1	-18.3	273.1	19.1	19.1	-1.0	312.7	317.4	1.5	29.7	13.4	79.
15.1	46.0	4706.3	575.0	-5.7	-13.9	265.8	19.2	19.1	1.4	313.6	320.7	2.3	52.3	14.6	80.
16.2	46.9	5053.7	550.0	-6.9	-30.1	268.7	15.0	15.0	0.3	315.9	317.9	0.6	14.3	15.9	80.
17.4	51.8	5416.1	525.0	-8.1	-48.5	290.8	10.3	9.6	-3.7	318.6	319.0	0.1	2.2	16.7	81.
18.6	54.8	5792.6	500.0	-11.0	-43.3	257.7	13.4	11.9	-6.2	319.6	320.2	0.2	4.9	17.3	83.
19.7	57.8	6183.8	475.0	-14.5	-43.9	304.7	14.1	11.6	-8.0	320.0	320.6	0.2	6.3	18.1	84.
21.0	61.0	6590.6	450.0	-17.9	-41.2	303.3	15.5	12.9	-8.5	320.7	321.5	0.2	10.9	19.0	87.
22.3	64.4	7015.6	425.0	-20.7	-43.7	258.4	12.7	11.2	-6.0	322.4	323.1	0.2	10.5	19.9	89.
23.7	67.7	7460.8	400.0	-24.0	-46.6	292.3	9.8	9.1	-3.7	323.8	324.3	0.1	10.2	20.9	90.
25.1	71.1	7928.3	375.0	-27.8	-53.3	298.1	8.1	7.2	-3.8	324.7	325.0	0.1	6.7	21.4	91.
26.5	74.9	8420.0	350.0	-31.9	-54.1	293.1	9.0	8.3	-3.5	325.6	325.9	0.1	8.9	21.7	91.
28.1	78.8	8938.8	325.0	-36.2	-52.5	286.7	12.8	12.2	-3.7	326.7	327.1	0.1	16.7	23.1	92.
29.8	82.7	9489.7	300.0	-39.9	99.9	292.8	18.8	17.3	-7.3	329.0	999.9	99.9	999.9	24.5	93.
31.6	87.0	10077.5	275.0	-45.2	99.9	293.3	17.1	15.7	-6.8	329.8	999.9	99.9	999.9	26.6	95.
33.4	91.6	10706.6	250.0	-50.7	99.9	295.5	14.9	13.4	-6.4	330.7	999.9	99.9	999.9	28.3	96.
35.5	96.4	11383.4	225.0	-56.7	99.9	302.5	20.4	17.2	-11.0	331.7	999.9	99.9	999.9	30.0	97.
37.6	101.6	12120.0	200.0	-61.5	99.9	999.9	99.9	99.9	99.9	335.4	999.9	99.9	999.9	999.9	999.
39.9	107.8	12939.1	175.0	-66.8	99.9	999.9	99.9	99.9	99.9	335.8	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. 311
ATHENS, GA

25 APRIL 1975
1115 GMT

161 12. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	246.0	988.2	17.6	17.6	210.0	3.2	1.6	2.8	293.5	326.9	13.0	100.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	8.2	361.5	975.0	17.6	17.4	248.2	11.7	10.8	4.3	294.6	328.2	13.0	98.9	0.3	48.
1.2	10.4	584.3	950.0	17.1	16.9	256.3	12.8	12.4	3.0	296.2	329.8	12.9	98.5	0.7	62.
2.1	12.6	812.2	925.0	15.6	15.3	261.0	15.4	15.2	2.4	296.9	328.3	11.9	97.9	1.5	72.
3.2	15.0	1044.7	900.0	13.5	12.8	260.0	16.1	15.9	2.8	296.8	324.4	10.4	95.6	2.5	76.
4.0	17.1	1282.7	875.0	13.2	10.0	256.7	17.7	17.2	4.1	298.7	322.5	8.9	81.1	3.4	76.
4.9	19.6	1527.5	850.0	13.3	9.8	257.2	14.3	13.9	3.2	301.2	325.7	9.0	79.3	4.2	76.
5.9	21.8	1778.8	825.0	12.0	6.7	254.3	13.3	12.9	3.6	302.3	323.0	7.5	70.1	5.1	77.
7.0	24.4	2036.2	800.0	10.2	6.2	237.5	13.2	11.1	7.1	303.0	323.7	7.5	76.5	5.9	75.
8.0	26.7	2300.2	775.0	8.7	4.2	228.2	12.7	9.5	8.5	304.0	322.8	6.7	73.5	6.6	72.
9.0	29.3	2570.6	750.0	6.1	2.0	230.2	13.2	10.1	8.5	304.0	320.7	5.9	75.2	7.3	70.
10.1	32.0	2848.2	725.0	5.2	-2.9	240.5	15.0	13.1	7.4	305.7	318.1	4.3	55.8	8.2	68.
11.2	34.7	3134.6	700.0	4.5	-14.3	252.5	18.3	17.4	5.5	307.7	313.2	1.8	24.0	9.2	68.
12.3	37.2	3430.2	675.0	3.8	-21.0	256.6	19.4	18.9	4.5	310.1	313.5	1.1	14.2	10.5	69.
13.3	40.1	3736.3	650.0	2.8	-17.1	255.6	19.6	19.0	4.9	312.3	317.1	1.5	21.5	11.8	70.
14.5	42.7	4052.4	625.0	0.3	-15.2	255.4	19.0	18.4	4.8	313.0	318.8	1.9	30.3	13.0	70.
15.6	45.6	4378.0	600.0	-2.6	-14.3	259.1	17.3	17.0	3.3	313.3	317.9	2.1	40.3	14.3	71.
16.9	48.6	4713.8	575.0	-5.5	-15.2	261.7	19.5	19.3	2.8	313.8	320.2	2.0	46.2	15.6	72.
18.2	51.5	5061.0	550.0	-8.4	-16.1	260.2	21.3	21.0	3.6	314.4	320.6	2.0	53.2	17.3	73.
19.6	54.8	5419.7	525.0	-11.9	-21.2	256.3	21.4	20.8	5.1	314.2	318.5	1.3	46.1	19.0	73.
21.1	57.8	5790.9	500.0	-15.3	-29.4	258.0	21.1	20.6	4.4	314.5	316.7	0.7	28.7	20.9	73.
22.5	61.0	6176.3	475.0	-18.1	-34.5	264.5	22.2	22.1	2.1	315.5	317.0	0.4	22.1	22.8	74.
24.0	64.4	6580.2	450.0	-18.9	-41.9	261.7	21.0	20.7	3.0	319.4	319.5	0.0	1.0	24.6	75.
25.4	67.6	7003.9	425.0	-21.2	-43.4	263.6	19.6	19.5	2.2	321.7	321.8	0.0	1.0	26.4	75.
27.0	70.9	7448.2	400.0	-24.6	-65.6	267.9	21.4	21.4	0.8	323.0	323.1	0.0	1.0	28.3	76.
28.7	74.7	7915.1	375.0	-27.8	-67.7	271.1	22.1	22.1	-0.4	324.7	324.8	0.0	1.0	30.3	77.
30.3	78.6	8406.5	350.0	-32.2	-63.4	275.3	26.1	26.0	-2.4	325.3	325.4	0.0	2.8	32.6	78.
32.1	82.4	8925.0	325.0	-36.5	-46.5	277.3	24.2	24.0	-3.1	326.3	327.0	0.2	35.2	35.2	79.
34.0	86.4	9474.5	300.0	-40.9	99.9	283.1	27.3	26.6	-6.2	327.7	999.9	99.9	999.9	37.9	81.
35.9	91.0	10060.5	275.0	-45.5	99.9	291.2	19.8	18.5	-7.2	329.3	999.9	99.9	999.9	40.3	83.
38.1	95.6	10689.1	250.0	-50.8	99.9	291.0	17.8	16.6	-6.4	330.5	999.9	99.9	999.9	42.8	84.
40.6	100.5	11367.8	225.0	-55.8	99.9	310.9	14.6	11.0	-9.5	332.9	999.9	99.9	999.9	44.7	86.
43.2	105.8	12106.9	200.0	-61.8	99.9	307.5	22.1	17.5	-13.4	335.0	999.9	99.9	999.9	47.0	89.
46.0	111.8	12922.8	175.0	-66.7	99.9	289.0	23.7	22.4	-7.7	339.9	999.9	99.9	999.9	49.7	91.
49.3	118.0	13859.1	150.0	-62.7	99.9	276.0	36.2	36.0	-3.8	362.1	999.9	99.9	999.9	55.8	92.
53.4	125.3	14992.3	125.0	-60.3	99.9	270.8	22.3	22.3	-6.3	385.8	999.9	99.9	999.9	63.1	92.
58.0	133.3	16366.6	100.0	-65.9	99.9	253.9	20.0	19.2	5.6	400.4	999.9	99.9	999.9	68.6	92.
63.8	141.7	18108.2	75.0	-66.1	99.9	261.5	6.6	6.5	1.0	434.5	999.9	99.9	999.9	72.8	91.
71.8	151.0	20592.6	50.0	-63.2	99.9	341.3	2.5	0.8	-2.3	494.5	999.9	99.9	999.9	74.5	91.
84.6	161.5	24995.8	25.0	-52.1	99.9	37.8	3.8	-2.3	-3.0	635.1	999.9	99.9	999.9	74.3	93.

* BY SPEED MEANS ELEVATION 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. 317
GREENSBORO, NC

25 APRIL 1975
1115 GMT

152 38. 6

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	275.0	982.5	17.8	17.3	200.0	3.6	1.2	3.4	294.1	327.3	12.8	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.3	8.3	340.8	975.0	17.4	16.1	230.4	10.5	8.1	6.7	254.2	325.2	11.9	91.9	0.2	37.
1.3	10.5	563.4	950.0	16.8	15.6	246.2	12.6	11.5	5.1	295.9	327.0	11.9	92.7	0.7	49.
2.1	12.3	792.2	925.0	19.2	13.0	255.0	14.8	14.3	3.8	300.3	329.9	10.7	70.2	1.4	62.
3.0	15.3	1027.7	900.0	17.7	11.5	254.0	12.4	12.0	3.3	301.0	326.8	9.5	66.8	2.2	66.
3.9	17.5	1268.4	875.0	16.0	10.2	251.7	12.2	11.6	3.9	301.7	326.1	9.0	68.2	2.8	68.
4.9	20.1	1514.4	850.0	14.1	8.3	250.7	10.3	9.7	3.4	302.0	324.3	8.1	68.2	3.5	68.
5.9	22.4	1766.0	825.0	12.0	7.8	257.7	11.0	10.7	2.3	302.3	324.6	8.1	75.6	4.1	69.
6.9	25.0	2023.1	800.0	9.9	4.9	263.9	12.3	12.2	1.3	302.6	321.5	6.8	71.1	4.8	71.
8.0	27.4	2286.8	775.0	8.5	1.6	275.6	11.3	11.3	-1.1	303.7	319.4	5.5	61.5	5.5	74.
9.0	30.1	2557.6	750.0	7.1	-0.1	271.1	10.5	10.5	-0.2	304.9	319.4	5.1	60.3	6.2	76.
10.2	32.9	2835.8	725.0	5.3	-0.6	262.5	11.4	11.3	1.5	306.0	320.5	5.1	65.8	6.8	77.
11.2	35.5	3122.0	700.0	3.2	0.2	267.5	13.8	13.8	0.6	306.8	322.7	5.6	80.6	7.6	78.
12.2	38.2	3416.1	675.0	1.2	-1.8	273.0	13.8	13.8	-0.7	307.7	322.0	5.0	80.1	8.5	79.
13.3	41.0	3719.2	650.0	-0.6	-2.3	267.3	13.3	13.3	0.6	308.9	323.4	5.0	88.3	9.4	80.
14.4	43.9	4032.1	625.0	-2.8	-4.8	264.9	13.6	13.6	1.2	309.7	322.3	4.3	86.2	10.2	81.
15.7	47.0	4354.9	600.0	-4.4	-28.5	257.4	19.6	19.1	4.3	311.1	313.1	0.6	13.1	11.4	81.
17.1	50.0	4688.8	575.0	-6.2	-29.1	261.5	22.9	22.7	3.4	312.8	314.8	0.6	14.3	13.3	80.
18.5	53.0	5034.8	550.0	-9.0	-28.1	266.2	26.5	26.4	1.8	313.4	315.7	0.7	19.4	15.3	81.
19.7	56.1	5393.6	525.0	-11.4	-20.4	269.0	27.0	27.0	0.5	314.8	319.4	1.4	47.5	17.4	82.
21.1	59.3	5765.9	500.0	-14.1	-18.9	268.5	21.8	21.8	0.6	316.0	321.5	1.7	66.8	19.4	83.
22.6	62.7	6153.4	475.0	-16.0	-54.1	258.1	19.4	19.0	4.0	318.1	318.5	0.1	4.0	21.2	83.
24.1	66.0	6558.7	450.0	-18.7	-61.8	254.2	22.0	21.1	6.0	319.7	319.8	0.0	1.0	23.0	82.
25.7	69.6	6982.0	425.0	-22.1	-64.0	256.7	21.8	21.2	5.0	320.6	320.6	0.0	1.0	25.1	82.
27.2	72.9	7424.4	400.0	-26.0	-59.9	255.6	21.7	21.1	5.4	321.2	321.3	0.0	2.8	27.1	81.
29.0	76.7	7888.5	375.0	-29.5	-60.4	259.9	24.6	24.2	4.3	322.5	322.6	0.0	3.2	29.6	81.
30.7	80.6	8377.1	350.0	-33.2	-39.0	269.3	24.7	24.7	0.3	323.9	325.2	0.4	56.4	32.1	81.
32.5	84.6	8894.5	325.0	-36.7	-39.0	281.0	25.1	24.6	-4.8	326.0	327.5	0.4	79.3	34.7	82.
34.6	88.8	9443.3	300.0	-41.5	99.9	282.5	21.8	21.3	-4.7	326.9	999.9	99.9	999.9	37.7	84.
36.6	93.4	10027.0	275.0	-46.8	99.9	284.9	21.7	21.0	-5.5	327.4	999.9	99.9	999.9	40.0	85.
38.8	98.0	10650.7	250.0	-51.9	99.9	269.4	19.6	19.6	0.2	329.9	999.9	99.9	999.9	42.9	86.
41.2	103.0	11324.7	225.0	-57.5	99.9	265.6	19.9	19.9	1.5	330.4	999.9	99.9	999.9	45.6	86.
43.8	108.5	12055.2	200.0	-62.8	99.9	252.3	16.5	15.7	5.0	333.3	999.9	99.9	999.9	48.6	85.
46.6	114.5	12885.6	175.0	-62.8	99.9	296.5	9.7	8.7	-4.3	346.3	999.9	99.9	999.9	50.5	86.
50.2	120.8	13828.3	150.0	-63.3	99.9	280.9	18.9	18.5	-3.6	361.1	999.9	99.9	999.9	53.3	87.
54.1	128.0	14951.5	125.0	-62.7	99.9	273.8	20.3	20.3	-1.3	381.5	999.9	99.9	999.9	57.8	88.
58.9	136.0	16334.3	100.0	-63.8	99.9	254.9	14.7	14.2	3.8	404.5	999.9	99.9	999.9	62.9	88.
64.9	144.0	18082.2	75.0	-64.9	99.9	282.5	7.8	7.6	-1.7	436.8	999.9	99.9	999.9	66.0	88.
73.1	153.3	20597.0	50.0	-58.9	99.9	329.2	2.2	1.1	-1.9	504.7	999.9	99.9	999.9	67.1	88.
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	99.9

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

STATION NO. 327
NASHVILLE, TENN

25 APRIL 1975
1115 GMT

159 32. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	CEA PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	180.0	990.9	16.0	14.7	190.0	2.1	0.4	2.1	291.3	318.9	10.7	92.0	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	318.1	975.0	16.0	14.9	999.9	99.9	99.9	99.9	292.7	321.3	11.1	93.6	999.9	999.
1.1	8.3	539.1	950.0	14.9	13.9	999.9	99.9	99.9	99.9	293.7	321.3	10.6	94.0	999.9	999.
1.7	10.3	765.1	925.0	14.4	12.5	999.9	99.9	99.9	99.9	295.3	321.5	9.9	88.6	999.9	999.
2.3	12.1	957.0	900.0	14.1	11.1	999.9	99.9	99.9	99.9	297.2	321.9	9.3	82.1	999.9	999.
3.1	14.1	1234.6	875.0	12.5	9.4	285.8	16.0	15.4	-4.3	297.9	320.8	8.5	81.7	1.2	109.
3.9	16.0	1477.4	850.0	10.7	8.2	286.6	20.3	19.4	-5.8	298.4	320.3	8.1	84.7	2.1	108.
4.7	18.2	1726.4	825.0	9.5	6.6	283.3	24.8	24.1	-5.7	299.7	320.1	7.5	82.1	3.1	107.
5.5	20.3	1982.0	800.0	8.6	4.9	277.2	32.1	31.9	-4.0	301.3	320.2	6.8	77.5	4.6	105.
6.4	22.4	2244.8	775.0	8.0	4.1	274.0	31.9	31.8	-2.2	303.3	321.8	6.6	76.0	6.4	102.
7.3	24.7	2515.2	750.0	6.3	3.6	267.9	27.9	27.8	1.0	304.3	322.9	6.7	83.1	7.9	100.
8.0	26.9	2792.8	725.0	4.3	3.4	257.4	26.8	26.2	5.8	305.1	324.1	6.8	93.8	9.0	98.
8.9	29.2	3078.3	700.0	3.0	2.2	248.1	28.7	26.6	10.7	306.6	324.9	6.4	94.4	10.2	95.
9.8	31.7	3372.7	675.0	1.4	0.6	243.9	31.8	28.6	14.0	308.0	325.0	6.0	94.6	11.7	91.
10.7	34.2	3676.2	650.0	-0.4	-1.1	241.4	32.6	28.6	15.6	309.3	325.0	5.4	94.3	13.3	87.
11.6	36.7	3990.0	625.0	-1.6	-2.3	238.8	33.3	28.5	17.3	311.3	326.5	5.2	94.7	14.9	84.
12.4	39.3	4314.5	600.0	-3.6	-4.4	237.7	34.4	29.1	18.4	312.6	326.3	4.6	94.4	16.5	81.
13.4	41.9	4650.4	575.0	-5.1	-5.9	237.3	33.7	28.3	18.2	314.5	327.3	4.3	94.1	18.2	79.
14.2	44.8	4999.0	550.0	-7.4	-8.2	238.7	35.2	30.1	18.3	315.8	327.2	3.8	93.8	19.9	77.
15.1	47.7	5360.5	525.0	-9.6	-10.5	239.4	34.8	30.0	17.7	317.2	327.3	3.3	93.5	21.8	75.
16.3	50.6	5736.0	500.0	-12.8	-15.7	241.3	34.9	30.6	16.7	317.7	324.8	2.3	78.6	24.1	74.
17.3	53.6	6124.7	475.0	-15.9	-22.5	240.3	34.1	29.6	16.9	318.4	322.7	1.3	57.0	26.2	73.
18.4	56.6	6531.2	450.0	-17.5	-21.5	240.6	36.3	31.6	17.8	321.4	326.4	1.5	70.6	28.5	72.
19.6	60.0	6957.0	425.0	-20.3	-24.8	242.5	34.4	30.5	15.9	323.0	327.0	1.2	67.3	30.9	71.
20.9	63.6	7403.4	400.0	-23.8	-28.1	244.0	37.4	33.6	16.4	324.1	327.3	0.9	67.7	33.5	71.
22.1	67.0	7871.0	375.0	-27.8	-33.4	243.8	36.4	32.6	16.0	324.8	326.9	0.6	58.5	36.5	70.
23.4	70.8	8363.7	350.0	-31.4	-36.7	247.6	35.4	32.7	13.5	326.3	328.0	0.5	59.6	39.1	70.
24.7	74.8	8883.0	325.0	-36.0	-41.2	251.4	29.0	27.5	9.3	327.0	328.1	0.3	58.2	41.8	70.
26.2	79.2	9432.9	300.0	-41.3	99.9	246.6	32.3	29.6	12.8	327.2	999.9	99.9	999.9	44.3	70.
27.7	83.5	10017.0	275.0	-46.7	99.9	243.6	31.0	27.8	13.4	327.6	999.9	99.9	999.9	46.9	69.
29.2	88.4	10642.3	250.0	-51.9	99.9	253.7	17.3	16.6	4.9	329.0	999.9	99.9	999.9	49.3	69.
30.8	93.8	11315.4	225.0	-57.9	99.9	242.8	30.1	26.8	13.8	326.8	999.9	99.9	999.9	51.3	69.
32.6	99.5	12047.7	200.0	-64.1	99.9	252.0	23.5	22.3	7.2	331.3	999.9	99.9	999.9	54.6	69.
34.5	106.0	12857.3	175.0	-66.6	99.9	262.8	33.1	32.8	4.1	340.1	999.9	99.9	999.9	57.8	69.
36.8	113.7	13805.2	150.0	-61.7	99.9	276.3	25.3	25.1	-2.8	363.8	999.9	99.9	999.9	61.0	71.
39.9	122.5	14938.5	125.0	-63.2	99.9	286.4	15.2	14.6	-4.3	380.6	999.9	99.9	999.9	64.2	72.
43.5	133.0	16318.2	100.0	-63.6	99.9	270.4	18.4	18.4	-0.1	404.9	999.9	99.9	999.9	67.6	73.
48.2	144.0	18073.1	75.0	-64.4	99.9	300.2	4.1	3.5	-2.1	438.0	999.9	99.9	999.9	70.0	75.
54.8	155.3	23584.9	50.0	-59.2	99.9	9.1	4.5	-0.7	-4.5	504.2	999.9	99.9	999.9	70.6	75.
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. 340
LITTLE ROCK, ARK

25 APRIL 1975
1115 GMT

165 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES. MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	79.0	1003.7	16.7	14.0	220.0	1.6	1.0	1.2	290.9	316.9	10.1	84.0	0.0	0.
0.1	6.1	110.6	1000.0	16.2	14.0	212.2	7.6	4.1	6.4	290.7	316.9	10.1	87.0	0.2	37.
0.9	8.3	327.4	975.0	19.0	11.1	218.0	8.5	5.2	6.7	295.4	318.2	8.6	60.5	0.3	35.
1.6	10.5	551.7	950.0	19.7	12.1	234.8	9.8	8.0	5.7	298.4	323.6	9.4	61.5	0.9	41.
2.6	12.6	781.4	925.0	19.5	10.5	254.4	10.8	10.4	2.9	300.4	324.0	8.7	56.3	1.3	51.
3.3	15.0	1017.1	900.0	18.2	12.2	272.5	12.7	12.6	-0.5	301.6	329.7	10.0	68.1	1.8	60.
4.2	17.2	1258.4	875.0	16.5	13.3	275.9	15.6	15.5	-1.6	302.4	332.3	11.1	81.4	2.4	70.
5.0	19.6	1505.4	850.0	15.1	11.2	271.9	14.7	14.7	-0.5	303.3	330.4	9.9	77.8	3.2	77.
5.9	21.9	1758.4	825.0	14.5	6.5	266.4	11.4	11.4	0.7	305.0	325.6	7.4	58.6	3.8	79.
6.8	24.4	2018.0	800.0	12.8	-1.6	269.3	12.0	12.0	0.1	305.4	317.9	4.3	37.1	4.4	80.
7.8	26.7	2283.8	775.0	12.1	-20.0	278.8	13.5	13.3	-2.1	306.9	310.1	1.0	8.9	5.2	82.
8.9	29.3	2556.9	750.0	9.4	-13.4	283.5	13.7	13.3	-3.2	307.1	312.6	1.8	18.4	6.0	85.
9.9	32.0	2836.5	725.0	7.1	-16.5	287.0	13.3	12.7	-3.9	307.4	311.9	1.5	16.7	6.8	87.
11.0	34.8	3123.3	700.0	4.2	-16.6	286.2	13.9	13.3	-3.9	307.3	311.9	1.5	20.2	7.7	90.
12.1	37.3	3418.0	675.0	2.1	-18.7	286.3	15.9	15.2	-4.4	308.2	312.3	1.3	19.9	8.6	91.
13.1	40.1	3721.2	650.0	0.1	-23.9	289.6	17.7	16.7	-5.9	309.1	311.9	0.9	14.4	9.6	93.
14.2	42.8	4034.0	625.0	-2.1	-19.9	283.7	19.5	19.0	-4.6	310.2	314.3	1.3	24.5	10.8	95.
15.4	45.8	4356.9	600.0	-4.9	-8.5	280.6	19.6	19.3	-3.6	310.8	320.9	3.4	76.3	12.2	95.
16.7	48.9	4690.8	575.0	-6.8	-16.9	285.3	22.5	21.7	-5.9	312.2	317.7	1.8	44.4	13.9	96.
18.2	51.8	5037.0	550.0	-7.6	-33.9	279.8	24.2	23.9	-4.1	315.1	316.5	0.4	10.3	15.8	97.
19.5	55.0	5397.9	525.0	-9.4	-55.9	280.1	23.1	22.7	-4.0	317.0	317.2	0.0	1.0	17.8	97.
20.8	58.0	5772.9	500.0	-12.3	-57.7	286.2	23.7	22.8	-6.6	318.0	318.1	0.0	1.0	19.5	98.
22.0	61.4	6162.4	475.0	-15.4	-59.7	289.1	25.6	24.2	-8.4	318.8	318.9	0.0	1.0	21.3	99.
23.3	65.3	6568.9	450.0	-17.7	-61.2	282.6	29.1	28.4	-6.3	320.9	321.0	0.0	1.0	23.4	100.
24.6	68.3	6994.3	425.0	-20.6	-63.1	272.9	30.9	30.9	-1.6	322.5	322.5	0.0	1.0	25.9	100.
26.2	72.0	7439.0	400.0	-24.8	-63.4	267.6	28.4	28.4	1.2	322.7	322.7	0.0	1.4	28.6	98.
27.6	76.0	7904.2	375.0	-29.6	-39.2	268.4	31.9	31.9	0.9	322.4	323.6	0.3	38.2	31.0	98.
29.2	80.0	8395.0	350.0	-31.8	-36.2	275.3	33.2	33.0	-3.1	325.8	327.6	0.5	64.7	34.2	97.
31.2	84.2	8915.9	325.0	-35.6	-39.0	271.3	35.6	35.6	-0.8	327.5	329.0	0.4	70.9	39.2	97.
33.0	88.4	9467.2	300.0	-40.1	99.9	262.7	37.3	37.0	4.7	328.8	999.9	99.9	999.9	42.0	96.
34.5	93.2	10055.3	275.0	-45.0	99.9	257.7	37.3	36.4	8.0	330.0	999.9	99.9	999.9	45.3	95.
36.2	98.0	10685.1	250.0	-50.1	99.9	251.6	31.4	29.8	9.9	331.6	999.9	99.9	999.9	48.5	93.
38.0	103.2	11364.4	225.0	-56.6	99.9	253.4	34.9	33.5	10.0	331.8	999.9	99.9	999.9	51.9	92.
40.3	109.0	12100.1	200.0	-63.1	99.9	262.7	34.6	34.3	4.4	332.8	999.9	99.9	999.9	56.7	90.
43.2	115.0	12910.4	175.0	-69.0	99.9	277.7	39.7	39.3	-5.3	336.2	999.9	99.9	999.9	63.3	91.
47.4	122.0	13847.2	150.0	-89.9	99.9	284.9	37.1	35.9	-9.6	368.5	999.9	99.9	999.9	74.0	92.
51.9	129.3	14995.5	125.0	-60.2	99.9	278.8	26.6	26.3	-4.0	385.9	999.9	99.9	999.9	82.2	93.
56.9	137.5	16363.6	100.0	-67.0	99.9	273.1	17.5	17.5	-0.9	398.2	999.9	99.9	999.9	86.9	93.
63.6	146.3	18105.6	75.0	-64.6	99.9	268.5	3.3	3.3	0.1	437.4	999.9	99.9	999.9	93.2	94.
72.6	155.3	20598.1	50.0	-60.3	99.9	356.4	7.4	0.5	-7.3	501.5	999.9	99.9	999.9	94.7	94.
86.1	165.3	25011.7	25.0	-52.0	99.9	22.9	3.3	-1.3	-3.0	635.6	999.9	99.9	999.9	95.9	96.

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

STATION NO. 349
MONETTE, MO

25 APRIL 1975
1210 GMT

74 353. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	438.0	961.4	16.1	15.0	240.0	2.6	2.3	1.3	294.0	323.3	11.2	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.1	539.7	950.0	15.7	15.4	999.9	99.9	99.9	99.9	294.6	325.2	11.7	98.5	99.9	99.9
1.3	11.2	766.4	925.0	14.8	14.5	999.9	99.9	99.9	99.9	295.9	325.6	11.3	98.2	99.9	99.9
2.1	13.5	998.5	900.0	13.6	4.8	10.0	3.6	-0.6	-3.5	296.3	312.7	6.0	55.3	0.3	123.
3.0	15.8	1236.8	875.0	15.1	7.2	34.3	3.1	-1.8	-2.6	300.4	320.4	7.3	59.0	0.4	151.
4.0	18.2	1482.3	850.0	14.9	2.3	33.3	3.5	-1.9	-2.9	302.5	317.5	5.3	42.7	0.5	172.
4.9	20.7	1734.6	825.0	14.1	-12.6	55.5	3.4	-2.8	-1.9	303.8	309.6	1.9	15.7	0.6	185.
5.8	23.2	1993.1	800.0	12.8	-29.8	57.4	4.0	-3.4	-2.2	304.8	306.1	0.4	3.5	0.8	197.
6.6	25.7	2257.9	775.0	10.1	-22.3	31.5	2.7	-1.4	-2.3	304.8	307.4	0.8	8.3	0.9	204.
7.5	28.3	2529.3	750.0	8.5	-25.9	312.4	3.7	2.7	-2.5	305.9	307.9	0.6	6.8	1.0	201.
8.5	31.1	2808.1	725.0	6.7	-30.8	292.4	7.9	7.3	-3.0	306.8	308.2	0.4	4.8	1.1	180.
9.5	34.0	3094.2	700.0	3.9	-27.4	294.1	9.6	8.7	-3.9	306.8	308.7	0.6	8.0	1.4	160.
10.5	36.7	3388.0	675.0	1.5	-42.3	306.7	9.1	7.3	-5.4	307.3	308.1	0.2	3.4	1.9	148.
11.5	39.6	3690.5	650.0	-0.1	-50.0	326.6	8.5	4.7	-7.1	308.8	309.1	0.1	1.0	2.4	146.
12.6	42.5	4003.5	625.0	-1.7	-51.0	327.4	8.2	4.4	-6.9	310.5	310.7	0.1	1.0	2.9	147.
13.7	45.6	4326.6	600.0	-4.3	-52.6	316.6	10.2	7.0	-7.4	311.1	311.3	0.0	1.0	3.5	146.
14.8	48.8	4659.9	575.0	-7.2	-54.5	311.2	13.0	9.8	-8.6	311.5	311.6	0.0	1.0	4.3	144.
16.0	51.8	5005.0	550.0	-9.1	-55.7	999.9	99.9	99.9	99.9	313.2	313.4	0.0	1.0	99.9	99.9
17.6	55.1	5363.8	525.0	-10.9	-56.8	999.9	99.9	99.9	99.9	315.3	315.4	0.0	1.0	99.9	99.9
18.9	58.4	5736.6	500.0	-13.5	-58.5	999.9	99.9	99.9	99.9	316.6	316.7	0.0	1.0	99.9	99.9
20.2	62.0	6124.1	475.0	-16.9	-60.7	999.9	99.9	99.9	99.9	317.0	317.1	0.0	1.0	99.9	99.9
21.6	65.6	6528.0	450.0	-19.5	-62.3	295.4	22.4	20.2	-9.6	318.7	318.7	0.0	1.0	11.7	129.
23.2	69.5	6950.0	425.0	-23.0	-64.6	295.6	21.7	19.5	-9.4	319.4	319.5	0.0	1.0	13.6	127.
24.8	73.3	7391.0	400.0	-26.5	-66.9	292.8	23.2	21.4	-9.0	320.4	320.5	0.0	1.0	15.7	126.
26.4	77.5	7853.4	375.0	-30.5	-69.5	999.9	99.9	99.9	99.9	321.1	321.1	0.0	1.0	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

100

STATION NO. 363
AMARILLO, TEX

25 APRIL 1975
1115 GMT

156 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	14.0	1095.0	887.0	10.7	8.5	160.0	4.2	-1.4	3.9	294.8	315.8	7.9	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	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	15.0	1209.3	875.0	13.7	2.1	999.9	99.9	99.9	99.9	298.7	312.9	5.1	45.2	999.9	999.9
1.1	17.2	1456.6	850.0	18.7	1.8	999.9	99.9	99.9	99.9	306.5	321.4	5.2	32.8	999.9	999.9
2.0	19.5	1713.1	825.0	19.7	-4.7	194.5	8.4	2.1	8.2	309.9	319.7	3.3	18.7	1.3	339.
2.9	21.7	1976.6	800.0	17.4	-5.5	219.9	8.2	5.2	6.3	310.1	319.6	3.2	20.4	1.6	351.
3.7	24.2	2246.3	775.0	15.1	-6.3	233.7	7.9	6.3	4.6	310.4	319.7	3.1	22.2	1.9	1.
4.6	26.5	2522.4	750.0	12.6	-8.1	238.9	8.6	7.4	4.4	310.6	319.0	2.8	22.7	2.1	11.
5.6	29.1	2805.4	725.0	10.1	-10.2	243.1	10.3	9.2	4.7	310.8	318.2	2.4	22.9	2.5	21.
6.6	31.7	3055.8	700.0	7.8	-11.7	242.6	11.5	10.2	5.3	311.4	318.3	2.2	23.6	3.0	29.
7.5	34.5	3393.9	675.0	4.6	-13.4	241.4	10.9	9.6	5.2	311.0	317.3	2.0	25.7	3.6	35.
8.6	37.0	3699.8	650.0	3.0	-16.0	234.0	8.7	7.0	5.1	312.5	317.0	1.4	19.6	4.2	39.
9.8	40.0	4016.0	625.0	1.5	-20.0	217.8	8.5	5.2	6.7	314.3	318.3	1.2	18.3	4.8	39.
10.9	42.7	4344.0	600.0	-0.2	-21.3	222.7	10.3	7.0	7.6	316.0	319.8	1.2	18.4	5.4	39.
12.1	45.8	4683.2	575.0	-1.9	-22.6	232.1	11.1	8.8	6.8	317.9	321.4	1.1	18.5	6.2	40.
13.3	49.0	5035.3	550.0	-4.2	-24.5	239.1	10.9	9.3	5.6	319.2	322.4	1.0	18.7	6.9	42.
14.6	52.0	5399.9	525.0	-7.5	-27.1	245.1	10.9	9.9	4.6	319.5	322.1	0.8	19.0	7.7	44.
15.9	55.3	5777.4	500.0	-11.1	-30.0	246.3	11.0	10.1	4.4	319.5	321.7	0.6	19.2	8.5	46.
17.1	58.6	6168.9	475.0	-14.3	-32.5	251.7	11.4	10.9	3.6	320.3	322.1	0.5	19.5	9.3	48.
18.5	62.3	6576.2	450.0	-17.3	-35.0	257.1	11.1	10.8	2.5	321.4	322.9	0.4	19.7	10.2	51.
19.9	65.9	7001.9	425.0	-20.6	-37.2	262.2	13.6	13.5	1.9	322.5	323.8	0.4	20.8	11.1	53.
21.5	69.8	7446.2	400.0	-25.1	-40.9	264.3	14.9	14.9	1.5	322.3	323.2	0.3	21.2	12.2	56.
23.1	73.8	7911.6	375.0	-29.4	-43.9	271.7	16.6	16.6	-0.5	322.6	323.3	0.2	22.9	13.5	60.
24.7	78.2	8400.0	350.0	-33.3	-46.4	263.9	20.6	20.5	2.2	323.7	324.4	0.2	25.1	15.1	63.
26.4	82.5	8916.8	325.0	-36.8	-50.0	264.8	23.8	23.7	2.2	325.9	326.4	0.1	23.5	17.2	66.
28.2	87.2	9466.9	300.0	-40.2	99.9	265.0	27.5	27.3	2.4	328.7	999.9	99.9	999.9	19.9	68.
30.2	92.3	10058.2	275.0	-44.8	99.9	264.9	28.7	28.6	2.6	330.4	999.9	99.9	999.9	23.1	71.
32.3	97.6	10685.3	250.0	-50.0	99.9	266.6	29.7	29.6	1.8	331.7	999.9	99.9	999.9	26.7	73.
34.5	103.3	11365.9	225.0	-55.3	99.9	268.9	34.9	34.9	0.7	333.7	999.9	99.9	999.9	30.8	75.
36.6	109.8	12107.1	200.0	-61.7	99.9	264.7	41.3	41.1	3.8	335.1	999.9	99.9	999.9	35.3	76.
38.6	116.0	12922.4	175.0	-66.2	99.9	270.5	35.3	35.3	-0.3	340.7	999.9	99.9	999.9	40.0	78.
41.2	123.7	13860.7	150.0	-63.2	99.9	265.4	29.1	29.0	2.4	361.3	999.9	99.9	999.9	44.8	79.
44.2	131.3	14963.9	125.0	-63.2	99.9	259.0	33.8	33.2	6.5	380.5	999.9	99.9	999.9	50.6	79.
48.2	139.7	16356.1	100.0	-65.5	99.9	264.6	18.5	18.4	1.7	401.3	999.9	99.9	999.9	57.3	80.
53.1	148.0	18108.1	75.0	-60.3	99.9	252.5	20.1	19.2	6.1	446.5	999.9	99.9	999.9	63.4	79.
60.0	157.3	20639.1	50.0	-59.1	99.9	289.7	6.7	6.3	-2.3	504.3	999.9	99.9	999.9	66.5	79.
72.3	167.0	25083.1	25.0	-50.7	99.9	332.4	4.0	1.9	-3.5	638.8	999.9	99.9	999.9	68.1	82.

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

STATION NO. 402
WALLOPS ISLAND, VA

25 APRIL 1975
1100 GMT

155 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	4.0	1012.6	17.8	15.2	999.9	99.9	99.9	99.9	291.4	319.3	10.8	85.0	999.9	999.
0.5	5.3	111.6	1000.0	17.3	15.8	999.9	99.9	99.9	99.9	292.0	321.4	11.4	90.6	999.9	999.
1.3	7.8	323.0	975.0	16.2	14.6	999.9	99.9	99.9	99.9	292.9	321.0	10.8	90.5	999.9	999.
2.4	9.9	549.0	950.0	15.4	12.7	999.9	99.9	99.9	99.9	294.2	320.2	9.9	84.8	999.9	999.
3.2	11.9	775.4	925.0	14.5	10.2	999.9	99.9	99.9	99.9	295.3	317.9	8.5	75.4	999.9	999.
4.1	14.1	1007.1	900.0	13.4	9.0	999.9	99.9	99.9	99.9	296.4	318.1	8.1	74.8	999.9	999.
5.1	16.0	1244.1	875.0	12.0	9.1	999.9	99.9	99.9	99.9	297.3	319.7	8.3	82.7	999.9	999.
6.0	18.3	1486.8	850.0	10.1	8.4	999.9	99.9	99.9	99.9	297.8	319.9	8.2	89.4	999.9	999.
7.0	20.5	1735.1	825.0	8.7	7.2	999.9	99.9	99.9	99.9	298.8	319.9	7.8	90.3	999.9	999.
8.0	22.8	1989.3	800.0	7.1	5.3	999.9	99.9	99.9	99.9	299.6	318.9	7.0	88.3	999.9	999.
9.1	25.2	2250.8	775.0	6.2	1.9	999.9	99.9	99.9	99.9	301.2	317.1	5.7	74.0	999.9	999.
10.1	27.4	2519.2	750.0	4.7	-0.0	999.9	99.9	99.9	99.9	302.3	316.8	5.1	71.4	999.9	999.
11.1	29.9	2795.3	725.0	3.6	-2.5	999.9	99.9	99.9	99.9	303.9	316.5	4.4	64.3	999.9	999.
12.2	32.6	3080.1	700.0	3.1	-5.9	999.9	99.9	99.9	99.9	306.3	316.7	3.5	51.8	999.9	999.
13.3	35.1	3374.5	675.0	2.3	-12.0	999.9	99.9	99.9	99.9	308.5	315.4	2.3	33.9	999.9	999.
14.6	37.7	3678.8	650.0	0.9	-17.7	999.9	99.9	99.9	99.9	310.1	314.7	1.5	23.4	999.9	999.
15.8	40.3	3993.4	625.0	-0.1	-24.9	999.9	99.9	99.9	99.9	312.4	315.0	0.8	13.3	999.9	999.
17.0	43.3	4318.8	600.0	-1.8	-26.2	999.9	99.9	99.9	99.9	314.1	316.6	0.7	13.4	999.9	999.
18.2	45.9	4655.8	575.0	-4.1	-29.9	999.9	99.9	99.9	99.9	315.3	317.2	0.6	11.3	999.9	999.
19.5	48.9	5005.1	550.0	-6.0	-31.5	999.9	99.9	99.9	99.9	317.0	318.7	0.5	11.1	999.9	999.
20.9	51.8	5367.5	525.0	-8.8	-32.2	999.9	99.9	99.9	99.9	317.9	319.6	0.5	13.0	999.9	999.
22.4	55.0	5743.8	500.0	-10.8	-29.0	999.9	99.9	99.9	99.9	320.0	322.3	0.7	20.5	999.9	999.
23.7	57.9	6135.6	475.0	-14.2	-31.1	999.9	99.9	99.9	99.9	320.5	322.5	0.6	22.1	999.9	999.
25.3	61.3	6542.7	450.0	-18.2	-32.6	999.9	99.9	99.9	99.9	320.3	322.2	0.5	27.0	999.9	999.
26.9	64.7	6966.8	425.0	-21.7	-35.4	999.9	99.9	99.9	99.9	321.1	322.6	0.4	27.5	999.9	999.
28.6	68.1	7410.0	400.0	-25.5	-38.1	999.9	99.9	99.9	99.9	321.8	323.0	0.4	29.5	999.9	999.
30.4	71.7	7874.4	375.0	-29.6	-42.1	999.9	99.9	99.9	99.9	322.4	323.3	0.2	28.3	999.9	999.
32.2	75.7	8362.9	350.0	-33.2	-45.8	999.9	99.9	99.9	99.9	323.9	324.5	0.2	26.6	999.9	999.
34.3	79.8	8879.9	325.0	-37.0	-51.5	999.9	99.9	99.9	99.9	325.7	326.0	0.1	20.2	999.9	999.
36.4	84.0	9428.1	300.0	-41.7	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
38.6	88.4	10014.1	275.0	-45.6	99.9	999.9	99.9	99.9	99.9	329.3	999.9	99.9	999.9	999.9	999.
40.9	93.3	10642.5	250.0	-50.2	99.9	999.9	99.9	99.9	99.9	331.4	999.9	99.9	999.9	999.9	999.
43.4	98.3	11321.4	225.0	-56.2	99.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.
46.0	103.9	12059.6	200.0	-60.9	99.9	999.9	99.9	99.9	99.9	336.4	999.9	99.9	999.9	999.9	999.
48.8	109.8	12883.0	175.0	-65.5	99.9	999.9	99.9	99.9	99.9	341.8	999.9	99.9	999.9	999.9	999.
52.1	116.0	13813.7	150.0	-63.1	99.9	999.9	99.9	99.9	99.9	361.4	999.9	99.9	999.9	999.9	999.
56.2	123.3	14937.2	125.0	-61.4	99.9	999.9	99.9	99.9	99.9	383.8	999.9	99.9	999.9	999.9	999.
61.1	131.0	16327.7	100.0	-59.7	99.9	999.9	99.9	99.9	99.9	412.3	999.9	99.9	999.9	999.9	999.
67.3	139.0	18104.7	75.0	-64.9	99.9	999.9	99.9	99.9	99.9	436.9	999.9	99.9	999.9	999.9	999.
75.5	147.0	20619.7	50.0	-58.5	99.9	999.9	99.9	99.9	99.9	505.7	999.9	99.9	999.9	999.9	999.
88.2	155.3	25047.8	25.0	-52.2	99.9	999.9	99.9	99.9	99.9	635.1	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION 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. 405
STERLING, VA

25 APRIL 1975
1115 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	25.0	1003.3	12.3	11.8	230.0	1.5	1.1	1.0	286.3	308.6	8.7	97.0	0.0	0.
0.1	6.0	112.9	1000.0	15.4	15.1	291.3	5.6	5.2	-2.0	290.0	317.8	10.9	98.3	0.1	72.
1.1	8.4	329.5	975.0	17.7	13.5	296.7	6.8	6.1	-3.1	294.3	320.8	10.1	76.3	0.3	99.
1.9	10.7	551.6	950.0	16.0	12.4	303.6	7.2	6.0	-4.0	294.7	319.9	9.6	78.9	0.7	111.
2.9	13.1	777.9	925.0	13.9	11.1	311.8	7.2	5.4	-4.8	294.8	318.7	9.0	83.1	1.1	118.
3.8	15.4	1009.1	900.0	12.5	10.0	311.9	7.6	5.7	-5.1	295.6	318.6	8.6	84.8	1.4	122.
4.6	17.7	1245.2	875.0	10.6	9.1	309.3	7.6	5.9	-4.8	295.9	318.1	8.3	89.9	1.8	124.
5.6	20.3	1497.0	850.0	9.9	7.2	307.2	6.6	5.3	-4.0	297.5	318.0	7.6	83.4	2.2	125.
6.5	22.7	1734.9	825.0	8.1	5.8	294.5	5.7	5.2	-2.4	298.1	317.2	7.0	85.3	2.6	125.
7.4	25.3	1989.1	800.0	7.6	4.1	270.9	7.1	7.1	-0.1	300.0	317.8	6.4	78.6	2.9	122.
8.3	27.8	2250.2	775.0	5.7	1.7	266.1	8.0	8.0	0.5	300.7	316.3	5.6	75.3	3.2	118.
9.2	30.5	2518.1	750.0	4.0	-0.5	264.6	8.2	8.2	0.8	301.6	315.4	4.9	72.0	3.6	114.
10.1	33.3	2793.5	725.0	3.6	-8.8	275.4	8.0	8.0	-0.8	303.8	311.9	2.7	40.0	4.0	111.
11.1	35.9	3077.9	700.0	2.7	-19.2	283.1	8.7	8.5	-2.0	305.6	309.4	1.2	18.0	4.5	110.
12.1	38.8	3371.0	675.0	1.0	-17.0	273.1	11.4	11.4	-0.6	307.0	311.6	1.5	24.6	5.1	109.
13.1	41.4	3673.4	650.0	-0.8	-13.1	265.6	14.7	14.6	1.1	308.3	314.9	2.2	39.1	5.8	104.
14.3	44.4	3985.7	625.0	-2.6	-12.6	262.8	18.9	18.7	2.4	309.8	316.9	2.3	46.2	7.0	102.
15.4	47.5	4309.9	600.0	-2.6	-23.6	265.8	18.4	18.4	1.3	313.3	316.3	0.9	17.9	8.2	99.
16.6	50.5	4646.1	575.0	-4.8	-27.9	269.8	19.8	19.8	0.1	314.5	316.7	0.7	14.3	9.4	98.
17.7	53.6	4994.1	550.0	-7.2	-27.4	265.6	20.9	20.9	1.6	315.6	318.0	0.7	18.0	10.9	97.
18.8	56.7	5354.6	525.0	-10.4	-27.9	265.9	20.7	20.7	1.5	316.0	318.5	0.7	22.0	12.1	95.
19.9	60.0	5728.0	500.0	-13.5	-28.7	267.0	21.5	21.5	1.1	316.7	319.0	0.7	26.3	13.5	95.
21.1	63.4	6116.3	475.0	-16.2	-33.2	262.3	20.4	20.2	2.7	317.9	319.6	0.5	21.3	15.1	94.
22.4	66.9	6521.4	450.0	-18.8	-30.9	268.4	22.5	22.5	0.6	319.6	321.8	0.6	33.5	16.6	93.
23.7	70.4	6946.3	425.0	-20.8	-35.1	274.4	21.3	21.2	-1.6	322.4	323.9	0.4	26.1	18.4	93.
25.1	74.2	7391.4	400.0	-24.1	-35.6	276.5	23.9	23.8	-2.7	323.6	325.2	0.5	33.5	20.2	93.
26.5	78.2	7858.1	375.0	-28.4	-33.6	276.1	22.9	22.7	-2.4	324.1	326.1	0.6	60.4	22.2	93.
28.1	82.0	8349.8	350.0	-31.4	-36.2	276.0	30.8	30.6	-3.2	326.4	328.1	0.5	62.3	24.7	94.
29.7	86.2	8869.6	325.0	-36.1	-40.7	273.1	35.7	35.7	-1.9	326.8	328.0	0.3	62.5	28.0	94.
31.3	90.6	9419.9	300.0	-40.7	99.9	274.3	35.7	35.6	-2.7	328.0	999.9	99.9	999.9	31.4	94.
33.2	95.3	10005.8	275.0	-45.9	99.9	277.1	36.2	35.9	-4.5	328.8	999.9	99.9	999.9	35.7	94.
35.3	100.2	10632.1	250.0	-51.7	99.9	272.9	34.0	34.0	-1.7	329.2	999.9	99.9	999.9	40.0	94.
37.4	105.3	11305.8	225.0	-57.8	99.9	270.5	36.4	36.4	-0.3	330.0	999.9	99.9	999.9	44.3	94.
39.7	110.8	12039.1	200.0	-63.3	99.9	280.1	38.7	38.1	-6.8	332.5	999.9	99.9	999.9	49.4	94.
42.0	116.8	12863.4	175.0	-62.7	99.9	306.4	31.2	25.1	-18.5	346.5	999.9	99.9	999.9	54.6	96.
44.8	123.7	13804.5	150.0	-62.8	99.9	285.1	12.8	12.4	-3.3	361.9	999.9	99.9	999.9	57.4	97.
48.3	130.8	14942.3	125.0	-58.8	99.9	269.8	25.6	25.6	0.1	388.5	999.9	99.9	999.9	61.8	96.
52.7	138.8	16341.0	100.0	-59.1	99.9	278.6	19.9	19.7	-3.0	413.6	999.9	99.9	999.9	67.1	96.
58.3	147.3	18124.5	75.0	-62.9	99.9	258.9	11.8	11.5	2.3	441.0	999.9	99.9	999.9	70.4	95.
66.3	157.3	20657.2	50.0	-57.9	99.9	20.8	4.6	-1.6	-4.3	507.0	999.9	99.9	999.9	72.1	95.
79.0	168.5	25078.3	25.0	-51.7	99.9	999.9	99.9	99.9	99.9	636.2	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. 425
HUNTINGTON, WVA

25 APRIL 1975
1212 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	246.0	980.1	17.0	16.0	999.9	99.9	99.9	99.9	293.4	324.0	11.8	94.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	9.2	290.4	975.0	14.1	12.9	999.9	99.9	99.9	99.9	290.6	315.7	9.7	92.6	999.9	999.9
0.7	11.3	510.7	950.0	14.3	13.2	999.9	99.9	99.9	99.9	293.1	319.5	10.1	93.1	999.9	999.9
1.3	13.5	735.8	925.0	12.5	11.3	999.9	99.9	99.9	99.9	293.3	317.4	9.2	92.7	999.9	999.9
2.3	15.6	965.6	900.0	10.8	9.3	999.9	99.9	99.9	99.9	293.7	315.5	8.2	90.4	999.9	999.9
3.5	17.9	1200.3	875.0	9.3	7.5	999.9	99.9	99.9	99.9	294.5	314.3	7.4	88.0	999.9	999.9
4.8	20.3	1440.5	850.0	8.1	5.8	999.9	99.9	99.9	99.9	295.6	314.0	6.8	85.3	999.9	999.9
6.4	22.5	1687.3	825.0	7.5	5.1	999.9	99.9	99.9	99.9	297.4	315.6	6.7	84.9	999.9	999.9
7.3	25.0	1900.8	800.0	7.0	4.6	999.9	99.9	99.9	99.9	299.4	317.7	6.7	84.9	999.9	999.9
8.2	27.3	2201.9	775.0	5.7	3.6	999.9	99.9	99.9	99.9	300.8	318.5	6.4	84.9	999.9	999.9
9.2	30.0	2469.9	750.0	4.4	1.9	999.9	99.9	99.9	99.9	302.1	318.4	5.9	83.7	999.9	999.9
10.1	32.6	2745.8	725.0	2.7	0.6	999.9	99.9	99.9	99.9	303.2	318.7	5.5	85.7	999.9	999.9
11.2	35.2	3029.4	700.0	1.2	-0.7	999.9	99.9	99.9	99.9	304.5	319.3	5.2	87.2	999.9	999.9
12.3	37.8	3322.3	675.0	0.6	-0.9	999.9	99.9	99.9	99.9	307.0	322.3	5.3	89.4	999.9	999.9
13.5	40.7	3625.0	650.0	-0.9	-2.4	999.9	99.9	99.9	99.9	308.5	322.9	5.0	89.9	999.9	999.9
14.7	43.3	3937.8	625.0	-2.4	-4.5	999.9	99.9	99.9	99.9	310.3	323.3	4.4	85.4	999.9	999.9
16.1	46.3	4261.3	600.0	-4.1	-7.1	999.9	99.9	99.9	99.9	311.8	323.0	3.8	79.8	999.9	999.9
17.4	49.2	4596.0	575.0	-6.2	-9.8	999.9	99.9	99.9	99.9	313.1	322.7	3.2	75.5	999.9	999.9
18.6	52.1	4943.1	550.0	-7.8	-11.7	999.9	99.9	99.9	99.9	315.2	323.9	2.8	73.2	999.9	999.9
19.9	55.3	5303.9	525.0	-9.9	-14.0	999.9	99.9	99.9	99.9	316.8	324.5	2.5	71.6	999.9	999.9
21.2	58.4	5679.0	500.0	-12.2	-16.4	999.9	99.9	99.9	99.9	318.4	325.1	2.1	70.4	999.9	999.9
22.6	62.0	6069.4	475.0	-14.9	-19.3	999.9	99.9	99.9	99.9	319.7	325.4	1.7	68.9	999.9	999.9
24.0	65.5	6477.2	450.0	-17.4	-21.9	999.9	99.9	99.9	99.9	321.6	326.4	1.5	67.6	999.9	999.9
25.4	69.0	6903.2	425.0	-20.3	-25.0	999.9	99.9	99.9	99.9	323.0	326.9	1.2	66.2	999.9	999.9
26.7	72.6	7349.9	400.0	-23.5	-28.2	999.9	99.9	99.9	99.9	324.4	327.6	0.9	64.9	999.9	999.9
28.2	76.7	7818.4	375.0	-27.3	-32.2	999.9	99.9	99.9	99.9	325.4	327.8	0.7	63.2	999.9	999.9
29.9	80.3	8311.0	350.0	-31.7	-36.6	999.9	99.9	99.9	99.9	326.0	327.6	0.5	61.2	999.9	999.9
31.6	85.0	8830.9	325.0	-35.9	-40.8	999.9	99.9	99.9	99.9	327.2	328.4	0.3	59.8	999.9	999.9
33.2	89.2	9381.7	300.0	-40.6	99.9	999.9	99.9	99.9	99.9	328.2	999.9	99.9	999.9	999.9	999.9
35.3	94.2	9967.6	275.0	-45.9	99.9	999.9	99.9	99.9	99.9	328.7	999.9	99.9	999.9	999.9	999.9
36.8	99.0	10594.0	250.0	-51.6	99.9	999.9	99.9	99.9	99.9	329.4	999.9	99.9	999.9	999.9	999.9
38.7	104.4	11267.9	225.0	-58.1	99.9	999.9	99.9	99.9	99.9	329.5	999.9	99.9	999.9	999.9	999.9
40.9	110.3	11998.3	200.0	-64.9	99.9	999.9	99.9	99.9	99.9	330.0	999.9	99.9	999.9	999.9	999.9
43.2	116.4	12811.0	175.0	-65.6	99.9	999.9	99.9	99.9	99.9	341.6	999.9	99.9	999.9	999.9	999.9
45.5	123.0	13768.3	150.0	-60.2	99.9	999.9	99.9	99.9	99.9	366.4	999.9	99.9	999.9	999.9	999.9
49.0	130.7	14901.7	125.0	-60.6	99.9	999.9	99.9	99.9	99.9	385.3	999.9	99.9	999.9	999.9	999.9
52.6	138.3	16302.3	100.0	-56.8	99.9	999.9	99.9	99.9	99.9	417.9	999.9	99.9	999.9	999.9	999.9
56.4	146.3	18099.0	75.0	-59.0	99.9	999.9	99.9	99.9	99.9	449.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

1124

STATION NO. 429
DAYTON, OHIO

25 APRIL 1975
1115 GMT

148 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 CCMP M/SFC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	298.0	976.6	11.1	10.2	85.0	4.2	-4.2	-0.4	287.2	307.9	8.0	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	999.9
0.1	8.0	311.7	975.0	11.2	10.8	174.4	2.6	-0.3	2.6	287.5	309.1	8.4	97.8	0.5	274.
1.0	10.2	529.0	950.0	11.0	10.8	144.4	5.4	-3.1	4.4	289.5	311.9	8.6	98.5	0.5	294.
2.0	12.2	753.1	925.0	12.6	12.4	146.0	7.2	-4.0	6.0	293.4	319.2	9.8	98.8	0.9	332.
3.0	14.5	983.1	900.0	11.0	10.6	154.9	4.4	-1.9	4.0	294.1	317.7	9.0	98.9	1.2	359.
4.0	16.5	1218.2	875.0	9.7	9.3	162.9	4.2	-1.2	4.0	295.0	317.4	8.4	97.0	1.4	314.
5.0	18.3	1459.0	850.0	8.4	8.0	166.9	3.4	-0.8	3.3	296.0	317.3	8.0	97.5	1.6	319.
6.1	20.9	1705.9	825.0	7.4	7.0	190.8	2.5	0.5	2.5	297.4	318.1	7.7	97.2	1.8	321.
6.9	23.3	1959.1	800.0	5.6	5.3	196.8	3.8	1.1	3.6	298.1	317.2	7.0	97.7	1.9	325.
7.9	25.5	2218.8	775.0	4.0	3.7	213.1	4.8	2.6	4.1	299.0	316.7	6.5	97.6	2.0	331.
8.9	27.9	2485.2	750.0	2.8	2.5	218.8	6.3	4.0	4.9	300.4	317.3	6.1	98.0	2.2	340.
9.9	30.3	2758.9	725.0	0.4	0.1	219.6	6.5	4.1	5.0	300.6	315.4	5.3	97.7	2.4	348.
11.2	32.9	3039.9	700.0	-1.3	-1.6	226.5	6.1	4.4	4.2	301.7	315.5	4.9	97.8	2.8	357.
12.4	35.4	3329.3	675.0	-2.5	-6.7	233.9	4.7	3.8	2.8	302.1	312.1	3.4	78.6	3.0	3.
13.4	37.9	3626.5	650.0	-5.6	-12.7	241.0	3.0	2.6	1.4	302.9	309.5	2.2	57.2	3.1	6.
14.8	40.5	3933.9	625.0	-6.8	-14.4	262.2	1.8	1.7	0.2	304.9	310.9	2.0	54.5	3.2	9.
16.2	43.7	4251.5	600.0	-8.4	-14.1	247.8	3.8	3.5	1.4	304.6	313.0	2.1	63.5	3.3	11.
17.7	45.9	4581.8	575.0	-9.0	-12.7	265.5	6.9	6.9	0.5	309.7	317.3	2.5	74.5	3.6	19.
19.1	48.7	4924.7	550.0	-11.4	-14.1	268.3	7.6	7.6	0.2	310.8	318.0	2.3	80.2	3.8	28.
20.4	51.4	5280.7	525.0	-12.9	-15.7	254.7	10.5	10.2	2.8	313.1	319.7	2.1	79.4	4.2	35.
22.0	54.4	5651.5	500.0	-15.2	-18.6	260.7	15.0	14.8	2.4	314.7	320.3	1.8	74.6	5.3	44.
23.5	57.3	6037.8	475.0	-17.5	-21.7	257.8	15.2	14.9	3.2	316.4	321.0	1.4	70.0	6.4	52.
25.1	60.4	6440.8	450.0	-20.3	-24.2	235.0	18.1	14.8	10.4	317.8	321.7	1.2	70.8	7.8	55.
26.7	63.7	6862.3	425.0	-22.8	-25.6	223.3	21.8	15.0	15.9	319.9	323.6	1.1	77.2	9.8	53.
28.4	66.9	7304.8	400.0	-25.1	-28.2	224.6	27.2	19.1	19.4	322.4	325.5	0.9	75.4	12.3	51.
30.3	70.3	7771.1	375.0	-28.4	-32.5	231.8	33.2	26.1	20.5	324.0	326.3	0.7	67.5	15.8	50.
32.1	73.9	8261.2	350.0	-32.9	-37.4	239.2	36.5	31.3	18.7	324.4	325.9	0.4	63.6	19.7	52.
34.1	77.7	8778.7	325.0	-36.9	-41.4	240.9	39.7	34.7	19.3	325.8	326.9	0.3	62.3	24.0	53.
36.2	81.3	9328.0	300.0	-41.2	99.9	239.3	42.7	36.8	21.8	327.4	999.9	99.9	999.9	29.2	54.
38.7	85.5	9913.3	275.0	-46.1	99.9	241.2	43.4	38.1	21.0	328.5	999.9	99.9	999.9	35.9	55.
41.4	89.7	10539.1	250.0	-51.6	99.9	242.4	46.5	41.2	21.5	329.4	999.9	99.9	999.9	43.0	57.
44.0	94.4	11214.2	225.0	-57.3	99.9	242.5	49.0	43.5	22.6	330.7	999.9	99.9	999.9	50.7	57.
47.0	99.2	11950.2	200.0	-62.5	99.9	246.9	47.6	43.8	18.6	333.8	999.9	99.9	999.9	58.5	58.
50.3	104.4	12763.7	175.0	-66.9	99.9	263.6	46.1*	45.8	5.1	339.6	999.9	99.9	999.9	66.9	61.
53.9	110.2	13714.7	150.0	-59.4	99.9	272.0	26.1*	26.0	-1.2	367.9	999.9	99.9	999.9	73.5	64.
58.1	116.3	14855.5	125.0	-59.9	99.9	256.8	24.0*	23.3	5.5	386.5	999.9	99.9	999.9	79.5	65.
63.5	123.7	16258.4	100.0	-59.0	99.9	257.5	15.9	15.6	3.5	413.7	999.9	99.9	999.9	85.7	66.
69.9	131.5	18044.7	75.0	-62.4	99.9	262.6	8.4	8.3	1.1	442.2	999.9	99.9	999.9	91.2	66.
78.6	140.3	20595.0	50.0	-56.0	99.9	252.6	4.8	4.6	1.4	511.6	999.9	99.9	999.9	94.6	68.
92.3	149.0	25022.3	25.0	-52.5	99.9	53.7	3.4	-2.7	-2.0	633.8	999.9	99.9	999.9	93.8	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

405

STATION NO. 433
SALEM, ILL

25 APRIL 1975
1115 GMT

159 18. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	175.0	990.0	14.4	13.4	10.0	2.1	-0.4	-2.1	289.7	315.0	9.9	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.
0.4	6.6	304.7	975.0	14.8	13.4	343.7	3.2	0.9	-3.1	291.4	317.2	10.0	90.9	0.1	168.
1.0	6.6	524.6	950.0	13.5	12.2	300.6	2.1	1.8	-1.1	292.2	316.8	9.4	91.5	0.1	162.
1.8	10.5	749.4	925.0	12.5	11.1	262.7	4.4	4.4	0.6	293.3	317.0	9.0	91.4	0.2	123.
2.6	12.6	979.4	900.0	11.3	9.9	277.1	4.2	4.2	-0.5	294.3	317.0	8.6	91.2	0.4	106.
3.3	14.7	1214.8	875.0	10.2	8.8	280.0	4.4	4.4	-0.8	295.5	317.3	8.2	91.1	0.6	105.
4.1	16.7	1456.1	850.0	9.2	7.8	271.9	6.8	6.8	-0.2	296.8	317.9	7.8	90.6	0.8	102.
4.9	18.9	1703.9	825.0	8.8	7.4	266.8	10.2	10.2	0.6	298.7	320.2	7.9	90.8	1.2	98.
5.7	21.0	1958.5	800.0	7.5	5.6	277.0	9.0	8.9	-1.1	300.1	319.8	7.2	87.8	1.8	96.
6.6	23.4	2220.1	775.0	6.0	3.3	286.1	8.1	7.8	-2.3	301.1	318.5	6.3	82.4	2.2	97.
7.5	25.6	2489.5	750.0	4.1	2.5	287.6	8.4	8.0	-2.5	301.8	318.9	6.1	89.4	2.6	99.
8.3	28.0	2763.7	725.0	2.4	1.1	287.9	8.6	8.2	-2.6	302.8	318.9	5.7	91.3	3.0	100.
9.2	30.5	3047.0	700.0	0.6	-0.8	291.8	9.4	8.8	-3.5	303.8	318.5	5.2	90.8	3.5	101.
10.2	33.0	3338.1	675.0	-1.4	-3.4	293.2	10.2	9.4	-4.0	304.7	317.4	4.4	85.8	4.1	103.
11.2	35.5	3638.5	650.0	-3.3	-6.4	290.0	11.2	10.5	-3.8	305.7	316.4	3.7	79.2	4.7	104.
12.1	38.1	3947.7	625.0	-5.3	-14.0	295.4	12.4	11.2	-5.3	306.6	312.9	2.1	50.2	5.4	105.
13.2	40.7	4267.1	600.0	-7.5	-18.6	299.4	13.9	12.1	-6.8	307.6	312.1	1.5	40.6	6.1	107.
14.2	43.4	4596.8	575.0	-9.9	-27.6	301.3	17.0	14.6	-8.8	308.4	310.9	0.8	24.2	7.1	109.
15.3	46.4	4938.9	550.0	-11.4	-37.1	305.2	18.1	14.8	-10.4	310.6	310.7	0.0	1.0	8.3	111.
16.5	49.4	5293.8	525.0	-14.2	-48.9	304.0	17.3	14.3	-9.7	311.3	311.4	0.0	1.0	9.6	113.
17.8	52.3	5661.9	500.0	-16.9	-60.7	302.5	16.6	14.0	-8.9	312.4	312.5	0.0	1.0	10.8	114.
19.1	55.4	6044.6	475.0	-20.0	-72.7	297.9	19.2	17.0	-9.0	313.2	313.2	0.0	1.0	12.1	115.
20.6	58.7	6443.0	450.0	-22.9	-84.5	290.7	21.6	20.2	-7.6	314.4	314.5	0.0	1.0	14.0	115.
21.9	62.1	6858.9	425.0	-26.5	-96.9	281.9	22.0	21.0	-4.5	315.0	315.0	0.0	1.0	15.8	114.
23.4	65.7	7294.1	400.0	-29.7	-109.0	273.4	22.7	22.7	-1.4	316.4	316.4	0.0	1.0	17.6	112.
25.0	69.5	7751.7	375.0	-32.1	-121.6	260.7	28.5	28.1	4.6	319.0	319.0	0.0	1.0	19.8	109.
26.5	73.2	8236.1	350.0	-34.8	-134.3	250.9	35.8	33.8	11.7	321.8	321.8	0.0	1.0	22.2	105.
28.1	77.3	8752.4	325.0	-36.0	-147.2	240.8	41.1	35.9	20.0	326.9	327.0	0.0	1.0	25.4	100.
29.8	81.6	9303.7	300.0	-39.8	-161.9	226.4	41.8	30.2	28.8	329.3	329.9	99.9	999.9	28.4	94.
31.6	86.0	9892.2	275.0	-44.6	-178.9	227.1	46.4	34.0	31.6	330.6	330.6	99.9	999.9	31.8	87.
33.6	91.0	10522.9	250.0	-49.8	-199.9	230.3	47.9	36.9	30.6	332.0	332.0	99.9	999.9	36.6	82.
35.9	96.2	11203.8	225.0	-55.3	-229.9	239.1	50.6	43.4	26.0	333.7	333.7	99.9	999.9	42.7	77.
38.1	101.9	11946.1	200.0	-60.3	-269.9	252.4	50.4	48.1	15.2	337.4	337.4	99.9	999.9	49.5	76.
40.9	108.3	12776.7	175.0	-60.8	-299.9	264.5	26.3	26.2	2.5	349.6	349.6	99.9	999.9	56.2	76.
44.2	115.0	13744.3	150.0	-57.4	-299.9	274.8	29.4	29.3	-2.5	371.2	371.2	99.9	999.9	62.3	78.
47.9	123.0	14893.2	125.0	-58.9	-299.9	262.3	18.4	18.2	2.5	388.3	388.3	99.9	999.9	66.4	79.
52.2	131.5	16291.5	100.0	-59.5	-299.9	255.1	25.6	24.7	6.6	412.7	412.7	99.9	999.9	72.7	79.
58.0	140.7	19095.8	75.0	-58.3	-299.9	287.8	7.4	7.0	-2.3	450.7	450.7	99.9	999.9	79.6	81.
65.5	150.3	20619.5	50.0	-57.2	-299.9	353.7	4.8	0.5	-4.8	508.8	508.8	99.9	999.9	82.1	81.
76.2	160.0	25082.9	25.0	-51.3	-299.9	43.8	2.4	-1.7	-1.7	637.1	637.1	99.9	999.9	82.2	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. 451
DODGE CITY, KAN

25 APRIL 1975
1115 GMT

156 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	791.0	921.1	10.6	9.5	140.0	3.2	-2.1	2.5	291.6	312.9	8.1	93.0	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.
0.7	15.4	586.0	900.0	13.6	11.4	136.7	10.6	-7.3	7.7	296.8	322.1	9.5	86.6	0.4	326.
1.4	17.8	1224.4	875.0	14.5	7.1	131.3	9.0	-6.7	5.9	299.8	317.7	7.3	61.3	0.9	320.
2.3	20.3	1469.4	850.0	14.5	-0.2	139.2	5.5	-3.6	4.2	301.9	314.8	4.6	37.5	1.3	318.
3.1	22.8	1721.5	825.0	14.7	-10.8	171.0	4.7	-0.7	4.7	304.4	310.6	2.0	16.0	1.5	320.
3.9	25.3	1981.1	800.0	13.9	-11.8	228.2	6.1	4.6	4.1	306.3	312.2	1.9	15.6	1.6	328.
4.9	27.9	2247.4	775.0	12.6	-14.9	240.6	10.6	9.2	5.2	307.5	312.3	1.5	13.2	1.7	343.
5.8	30.6	2521.4	750.0	11.2	-20.4	239.8	14.1	12.2	7.1	308.8	312.0	1.0	9.0	2.0	3.
6.7	33.3	2802.7	725.0	8.8	-22.0	256.8	12.5	12.1	2.8	309.2	312.2	0.9	9.2	2.4	19.
7.7	36.0	3091.7	700.0	6.9	-23.2	258.0	11.3	11.0	2.4	310.2	313.0	0.8	9.4	2.8	33.
8.6	38.8	3388.9	675.0	4.2	-21.8	250.1	10.7	10.0	3.6	310.5	313.6	1.0	12.9	3.3	40.
9.6	41.6	3694.0	650.0	1.2	-22.0	253.3	8.4	8.0	2.4	310.4	313.6	1.0	15.7	3.8	44.
10.6	44.5	4007.8	625.0	-1.7	-20.7	258.5	6.9	6.8	1.4	310.6	314.4	1.2	21.8	4.2	47.
11.6	47.5	4330.7	600.0	-4.9	-19.8	254.5	7.7	7.4	2.1	310.6	314.7	1.3	29.9	4.6	50.
12.7	50.5	4664.1	575.0	-6.3	-39.9	254.4	11.1	10.7	3.0	312.7	314.1	0.4	10.5	5.1	52.
13.8	53.4	5010.7	550.0	-8.0	-55.0	262.9	13.0	12.9	1.6	314.5	314.7	0.0	1.0	5.9	56.
15.0	56.3	5370.7	525.0	-10.0	-56.3	268.8	13.3	13.3	0.3	316.3	316.5	0.0	1.0	6.7	60.
16.2	59.6	5744.4	500.0	-13.4	-58.4	272.7	13.0	13.0	-0.6	316.6	316.7	0.0	1.0	7.5	64.
17.5	63.3	6132.6	475.0	-16.0	-60.1	270.0	14.2	14.2	0.0	318.1	318.2	0.0	1.0	8.5	67.
18.8	66.3	6537.5	450.0	-19.1	-62.1	273.2	13.8	13.8	-0.8	319.2	319.3	0.0	1.0	9.5	70.
20.2	70.0	6955.9	425.0	-22.3	-64.1	266.8	16.7	16.6	0.9	320.4	320.4	0.0	1.0	10.7	72.
21.7	73.5	7402.1	400.0	-26.3	-65.0	271.0	19.7	19.7	-0.4	320.8	320.8	0.0	1.3	12.3	74.
23.2	77.4	7864.6	375.0	-30.5	-52.1	272.6	19.2	19.2	-0.9	321.1	321.4	0.1	9.9	13.9	76.
24.9	81.2	8351.1	350.0	-34.1	-60.9	267.5	19.6	19.6	0.9	322.7	322.9	0.0	4.7	15.9	78.
26.7	85.4	8866.3	325.0	-37.6	-63.0	263.1	24.9	24.7	3.0	324.7	324.8	0.0	5.1	18.2	79.
28.5	89.6	9413.4	300.0	-41.9	99.9	267.3	25.1	25.1	1.2	326.3	999.9	99.9	999.9	21.0	80.
30.6	94.3	9996.3	275.0	-46.9	99.9	270.3	28.4	28.4	-0.1	327.3	999.9	99.9	999.9	24.2	81.
32.8	99.0	10620.1	250.0	-52.2	99.9	268.1	28.5	28.4	0.9	328.4	999.9	99.9	999.9	28.0	82.
35.2	103.8	11295.7	225.0	-56.8	99.9	272.5	31.4	31.4	-1.4	331.5	999.9	99.9	999.9	32.2	83.
37.8	109.5	12033.0	200.0	-62.2	99.9	272.5	30.5	30.4	-1.3	334.3	999.9	99.9	999.9	37.0	85.
40.8	115.4	12847.8	175.0	-66.2	99.9	273.3	29.3	29.3	-1.7	340.7	999.9	99.9	999.9	43.1	86.
44.0	122.0	13789.1	150.0	-61.9	99.9	260.9	33.5	33.0	5.3	363.5	999.9	99.9	999.9	48.7	86.
48.1	129.3	14926.8	125.0	-60.9	99.9	269.6	24.7	24.7	0.2	384.7	999.9	99.9	999.9	56.1	87.
52.7	137.0	16304.2	100.0	-62.8	99.9	257.0	27.3	26.6	6.2	406.3	999.9	99.9	999.9	62.9	86.
58.6	145.3	18086.6	75.0	-57.8	99.9	260.4	15.4	15.2	2.6	451.8	999.9	99.9	999.9	70.6	86.
66.3	155.0	20623.1	50.0	-59.0	99.9	268.7	4.5	4.5	0.1	504.6	999.9	99.9	999.9	72.7	85.
78.2	165.0	25023.4	25.0	-50.0	99.9	343.4	6.8	1.9	-6.5	640.8	999.9	99.9	999.9	73.4	86.

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

407

STATION NO. 456
TOPEKA, KAN

25 APRIL 1975
1115 GMT

159 22. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	268.0	980.9	11.1	11.1	20.0	1.5	-0.5	-1.4	286.9	308.7	8.5	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	999.9
0.1	6.4	318.9	975.0	11.8	11.6	999.9	99.9	99.9	99.9	288.2	310.9	8.9	98.6	999.9	999.9
0.8	8.3	537.9	950.0	14.4	12.7	999.9	99.9	99.9	99.9	293.1	318.7	9.8	89.9	999.9	999.9
1.5	10.3	764.1	925.0	15.4	9.3	999.9	99.9	99.9	99.9	296.1	317.6	8.0	67.4	999.9	999.9
2.3	12.2	996.3	900.0	15.1	4.8	343.1	2.9	0.8	-2.8	297.9	314.4	6.0	50.4	0.3	152.
3.0	14.3	1234.6	875.0	14.1	-0.6	3.9	4.1	-0.3	-4.1	299.0	310.9	4.2	36.4	0.4	158.
3.7	16.1	1478.0	850.0	11.9	-3.9	14.2	4.8	-1.2	-4.6	299.1	308.7	3.4	32.7	0.6	169.
4.5	18.2	1727.2	825.0	11.0	-20.7	358.6	3.9	0.1	-3.9	300.3	303.1	0.9	9.0	0.8	175.
5.4	20.4	1983.1	800.0	9.8	-19.0	309.1	7.2	5.6	-4.6	301.7	305.0	1.1	11.3	1.0	167.
6.3	22.4	2245.3	775.0	7.3	-17.0	310.9	9.6	7.2	-6.3	301.8	305.8	1.3	15.7	1.4	155.
7.2	24.7	2514.1	750.0	6.6	-35.1	329.3	9.2	4.7	-7.9	303.7	304.6	0.3	3.3	1.9	151.
8.0	26.8	2791.6	725.0	6.0	-46.2	332.3	9.4	4.4	-8.4	306.1	306.4	0.1	1.0	2.4	153.
9.0	29.2	3078.2	700.0	5.5	-46.5	315.1	9.6	6.8	-6.8	308.6	308.9	0.1	1.0	2.9	151.
10.0	31.6	3373.8	675.0	3.0	-48.1	303.7	10.1	8.4	-5.6	309.0	309.3	0.1	1.0	3.5	147.
11.1	34.1	3677.6	650.0	0.4	-47.3	298.7	10.3	9.1	-5.0	309.4	309.7	0.1	1.3	4.1	143.
12.1	36.5	3990.4	625.0	-2.2	-49.5	299.0	11.4	9.9	-5.5	309.9	310.1	0.1	1.3	4.7	139.
13.2	39.1	4312.8	600.0	-4.8	-53.0	298.5	12.3	10.8	-5.9	310.5	310.7	0.0	1.0	5.5	136.
14.3	41.6	4645.8	575.0	-7.7	-54.8	297.5	12.2	10.8	-5.6	311.0	311.1	0.0	1.0	6.3	134.
15.6	44.3	4989.5	550.0	-10.5	-55.4	291.9	13.1	12.2	-4.9	311.6	311.7	0.0	1.2	7.1	132.
16.8	47.2	5345.7	525.0	-13.0	-51.7	290.4	14.5	13.6	-5.0	312.8	313.0	0.1	2.2	8.1	129.
18.0	50.2	5715.1	500.0	-16.5	-50.4	291.8	16.1	15.0	-6.0	312.9	313.2	0.1	3.5	9.1	127.
19.3	53.3	6099.7	475.0	-18.8	-59.4	301.1	18.2	15.6	-9.4	314.7	314.8	0.0	1.4	10.5	125.
20.5	55.9	6495.6	450.0	-21.5	-59.8	300.5	19.6	16.9	-9.9	316.1	316.2	0.0	1.7	11.9	125.
22.2	59.1	6918.3	425.0	-24.9	-54.1	299.1	20.2	17.6	-9.8	317.0	317.2	0.1	4.6	13.8	124.
23.8	62.6	7356.7	400.0	-27.8	-53.4	298.6	22.3	19.5	-10.7	318.8	319.1	0.1	6.6	15.8	124.
25.3	65.9	7816.8	375.0	-31.5	-52.4	296.8	24.5	21.9	-11.1	319.8	320.1	0.1	10.6	18.1	123.
27.0	69.4	8301.4	350.0	-35.3	-54.7	298.7	24.4	21.4	-11.7	321.1	321.3	0.1	11.6	20.5	122.
28.7	73.1	8813.3	325.0	-39.1	-57.6	295.1	26.6	24.1	-11.3	322.6	322.8	0.0	11.9	22.9	122.
30.4	77.2	9357.4	300.0	-43.2	99.9	295.1	32.8	29.7	-13.9	324.4	999.9	99.9	999.9	25.9	121.
32.4	81.2	9938.3	275.0	-46.9	99.9	297.5	38.3	33.9	-17.7	327.3	999.9	99.9	999.9	30.3	120.
34.8	85.7	10563.2	250.0	-51.4	99.9	297.1	44.6	39.7	-20.3	329.6	999.9	99.9	999.9	36.0	120.
37.2	90.4	11239.8	225.0	-56.3	99.9	298.4	37.9	33.4	-18.0	332.3	999.9	99.9	999.9	42.7	119.
39.6	95.6	11982.4	200.0	-59.8	99.9	283.4	26.2	25.5	-6.1	338.1	999.9	99.9	999.9	47.2	119.
42.2	101.2	12807.1	175.0	-64.6	99.9	271.2	37.9	37.9	-0.8	343.4	999.9	99.9	999.9	51.2	116.
45.7	107.7	13764.2	150.0	-60.3	99.9	281.3	31.9	31.2	-6.2	366.2	999.9	99.9	999.9	58.3	114.
49.9	115.0	14899.6	125.0	-61.1	99.9	275.9	30.1	29.9	-3.1	384.4	999.9	99.9	999.9	64.4	112.
54.6	123.3	16300.4	100.0	-58.9	99.9	277.3	26.6	26.4	-3.4	413.9	999.9	99.9	999.9	71.5	110.
59.6	134.0	18100.4	75.0	-60.9	99.9	223.6	6.1	4.2	4.4	445.3	999.9	99.9	999.9	76.6	110.
67.3	147.0	20630.7	50.0	-58.1	99.9	288.0	3.9	3.7	-1.2	506.6	999.9	99.9	999.9	79.6	108.
80.7	162.0	25091.9	25.0	-50.1	99.9	63.6	10.0	-8.9	-4.4	640.6	999.9	99.9	999.9	80.9	111.

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

STATION NO. 486
FORT TOTTEN. N Y

25 APRIL 1975
1115 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.9	8.0	1009.5	14.4	13.0	999.9	99.9	99.9	99.9	288.0	312.0	9.4	91.0	999.9	999.
0.4	5.6	88.5	1000.0	15.0	13.1	999.9	99.9	99.9	99.9	289.4	314.0	9.5	88.4	999.9	999.
1.1	7.5	302.8	975.0	13.3	12.4	999.9	99.9	99.9	99.9	289.8	313.9	9.3	93.9	999.9	999.
1.8	5.6	521.4	950.0	12.0	11.5	999.9	99.9	99.9	99.9	290.6	314.0	9.0	96.7	999.9	999.
2.7	11.5	744.9	925.0	11.0	9.7	999.9	99.9	99.9	99.9	291.7	313.3	8.2	91.7	999.9	999.
3.6	13.7	974.2	900.0	11.4	8.5	999.9	99.9	99.9	99.9	294.3	315.0	7.8	82.2	999.9	999.
4.5	15.8	1210.0	875.0	10.7	7.7	999.9	99.9	99.9	99.9	295.9	316.2	7.6	81.9	999.9	999.
5.4	17.9	1451.2	850.0	8.9	7.0	999.9	99.9	99.9	99.9	296.5	316.5	7.4	88.0	999.9	999.
6.3	20.2	1698.2	825.0	7.2	6.2	999.9	99.9	99.9	99.9	297.2	316.8	7.2	93.1	999.9	999.
7.2	22.3	1951.3	800.0	5.6	4.5	999.9	99.9	99.9	99.9	298.0	316.1	6.7	93.1	999.9	999.
8.3	24.7	2211.0	775.0	4.5	2.7	999.9	99.9	99.9	99.9	299.4	316.0	6.0	88.4	999.9	999.
9.2	26.8	2477.8	750.0	3.4	-0.4	999.9	99.9	99.9	99.9	300.9	314.8	5.0	76.4	999.9	999.
10.2	29.3	2752.3	725.0	1.5	-2.5	999.9	99.9	99.9	99.9	301.7	314.2	4.4	74.8	999.9	999.
11.2	31.8	3034.4	700.0	-0.2	-4.1	999.9	99.9	99.9	99.9	302.7	314.3	4.1	75.3	999.9	999.
12.2	34.3	3325.4	675.0	-1.0	-11.0	999.9	99.9	99.9	99.9	304.9	312.2	2.5	46.5	999.9	999.
13.3	36.7	3625.9	650.0	-2.4	-15.7	999.9	99.9	99.9	99.9	306.4	311.7	1.7	35.2	999.9	999.
14.1	39.4	3936.2	625.0	-4.4	-21.0	999.9	99.9	99.9	99.9	307.6	311.2	1.1	25.9	999.9	999.
15.5	41.9	4256.0	600.0	-6.5	-41.9	999.9	99.9	99.9	99.9	308.6	309.2	0.2	4.5	999.9	999.
16.6	44.8	4586.9	575.0	-9.1	-43.0	999.9	99.9	99.9	99.9	309.3	309.8	0.1	4.4	999.9	999.
17.9	47.7	4929.3	550.0	-11.5	-44.3	999.9	99.9	99.9	99.9	310.5	311.0	0.1	4.6	999.9	999.
19.0	50.5	5284.5	525.0	-13.3	-45.3	999.9	99.9	99.9	99.9	312.4	312.8	0.1	4.8	999.9	999.
20.3	53.5	5654.2	500.0	-15.8	-26.2	999.9	99.9	99.9	99.9	313.8	316.7	0.9	40.6	999.9	999.
21.5	56.4	6039.0	475.0	-18.2	-36.3	999.9	99.9	99.9	99.9	315.5	317.3	0.5	28.6	999.9	999.
22.9	59.7	6442.0	450.0	-19.7	-62.4	999.9	99.9	99.9	99.9	318.4	318.5	0.0	1.0	999.9	999.
24.3	63.0	6865.3	425.0	-21.5	-63.6	999.9	99.9	99.9	99.9	321.3	321.4	0.0	1.0	999.9	999.
25.9	66.3	7309.4	400.0	-24.8	-65.8	999.9	99.9	99.9	99.9	322.7	322.7	0.0	1.0	999.9	999.
27.7	70.0	7774.8	375.0	-28.9	-68.5	999.9	99.9	99.9	99.9	323.2	323.2	0.0	1.0	999.9	999.
29.3	73.5	8264.4	350.0	-33.1	-71.2	999.9	99.9	99.9	99.9	324.0	324.1	0.0	1.0	999.9	999.
30.9	77.5	8780.5	325.0	-37.6	-74.2	999.9	99.9	99.9	99.9	324.7	324.8	0.0	1.0	999.9	999.
32.9	81.5	9327.7	300.0	-41.7	99.9	999.9	99.9	99.9	99.9	326.6	999.9	99.9	999.9	999.9	999.
34.8	85.8	9913.4	275.0	-44.9	99.9	999.9	99.9	99.9	99.9	330.2	999.9	99.9	999.9	999.9	999.
36.9	90.4	10543.1	250.0	-50.2	99.9	999.9	99.9	99.9	99.9	331.4	999.9	99.9	999.9	999.9	999.
39.1	95.3	11221.8	225.0	-56.2	99.9	999.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.
41.3	100.5	11963.2	200.0	-60.3	99.9	999.9	99.9	99.9	99.9	337.3	999.9	99.9	999.9	999.9	999.
43.7	106.3	12785.0	175.0	-66.1	99.9	999.9	99.9	99.9	99.9	340.9	999.9	99.9	999.9	999.9	999.
47.0	112.9	13729.2	150.0	-61.7	99.9	999.9	99.9	99.9	99.9	363.8	999.9	99.9	999.9	999.9	999.
50.9	120.3	14862.4	125.0	-59.2	99.9	999.9	99.9	99.9	99.9	387.8	999.9	99.9	999.9	999.9	999.
55.8	128.3	16281.2	100.0	-55.6	99.9	999.9	99.9	99.9	99.9	420.3	999.9	99.9	999.9	999.9	999.
62.1	138.0	18057.8	75.0	-60.6	99.9	999.9	99.9	99.9	99.9	445.9	999.9	99.9	999.9	999.9	999.
69.8	148.3	20634.8	50.0	-57.6	99.9	999.9	99.9	99.9	99.9	507.8	999.9	99.9	999.9	999.9	999.
81.4	160.0	25062.1	25.0	-52.6	99.9	999.9	99.9	99.9	99.9	633.3	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 518
ALBANY, N Y

25 APRIL 1975
1115 GMT

165 24. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	86.0	1002.9	9.0	6.6	350.0	4.2	0.7	-4.1	282.7	298.4	6.1	85.0	0.0	0.
0.1	5.8	110.1	1000.0	8.7	6.5	334.5	2.4	1.0	-2.2	282.7	298.3	6.1	86.1	0.1	30.
0.9	7.6	319.3	975.0	7.4	6.3	292.4	1.7	1.6	-0.7	283.4	299.2	6.1	92.5	0.3	132.
1.7	10.0	532.5	950.0	5.2	4.6	358.0	6.5	0.2	-6.5	283.2	297.7	5.6	95.4	0.5	149.
2.6	12.4	750.3	925.0	3.7	3.0	322.3	6.4	3.9	-5.1	283.7	297.1	5.2	95.6	0.8	154.
3.5	14.8	972.5	900.0	2.4	1.8	320.5	8.1	5.2	-6.3	284.6	297.3	4.8	95.6	1.2	152.
4.5	17.3	1200.4	875.0	2.1	-0.8	323.8	8.6	5.1	-7.0	286.6	297.9	4.3	83.2	1.7	147.
5.3	19.7	1434.7	850.0	3.0	-14.6	331.6	10.0	4.7	-8.8	289.4	293.6	1.4	26.1	2.2	147.
6.4	22.2	1677.7	825.0	4.9	-20.1	316.0	6.5	4.5	-4.6	293.9	296.8	0.9	14.2	2.7	148.
7.2	24.8	1928.1	800.0	4.5	-33.6	308.5	9.9	7.7	-6.1	296.0	296.9	0.3	4.2	3.1	146.
8.4	27.4	2186.4	775.0	4.6	-47.1	308.7	9.6	7.5	-6.0	298.8	299.0	0.1	1.0	3.7	142.
9.4	30.2	2452.8	750.0	3.9	-47.5	308.7	9.1	7.1	-5.7	300.8	301.0	0.1	1.0	4.3	141.
10.6	33.0	2727.2	725.0	2.7	-48.3	298.7	9.0	7.9	-4.3	302.4	302.6	0.1	1.0	4.9	136.
11.7	35.8	3010.0	700.0	0.9	-37.6	294.3	9.4	8.6	-3.9	303.5	304.2	0.2	3.6	5.5	136.
12.9	38.5	3300.7	675.0	-1.6	-38.8	288.4	9.2	8.7	-2.9	303.9	304.5	0.2	3.9	6.1	133.
14.1	41.3	3599.8	650.0	-4.0	-39.9	294.4	9.2	8.4	-3.8	304.5	305.1	0.2	4.1	6.7	131.
15.4	44.3	3908.1	625.0	-6.2	-32.9	291.8	10.3	9.6	-3.8	305.3	306.6	0.4	9.9	7.4	130.
16.7	47.4	4225.4	600.0	-9.2	-35.0	283.3	11.1	10.8	-2.6	305.4	306.5	0.3	10.2	8.2	127.
18.0	50.3	4553.5	575.0	-10.5	-35.8	280.5	12.2	12.0	-2.2	307.7	308.8	0.3	10.3	9.0	125.
19.5	53.5	4895.1	550.0	-12.0	-36.9	284.8	13.9	13.5	-3.6	309.8	310.8	0.3	10.4	10.1	122.
20.7	56.6	5249.9	525.0	-14.7	-38.8	279.6	15.0	14.8	-2.5	310.8	311.6	0.2	10.7	11.1	121.
22.2	60.0	5617.1	500.0	-16.3	-33.0	276.7	16.3	16.2	-1.9	313.2	314.8	0.5	21.9	12.4	118.
23.5	63.5	6000.7	475.0	-19.6	-32.4	275.7	16.4	16.3	-1.6	313.7	315.5	0.5	31.1	13.7	116.
25.2	66.9	6399.4	450.0	-23.5	-32.8	269.3	15.9	15.9	0.2	313.7	315.5	0.5	42.1	15.2	114.
26.9	70.4	6814.9	425.0	-26.9	-36.0	263.1	18.8	18.6	2.3	314.5	315.9	0.4	41.5	16.7	111.
28.8	74.2	7249.4	400.0	-29.7	-37.6	270.9	21.0	21.0	-0.3	316.3	317.6	0.4	45.9	18.7	108.
30.8	78.2	7706.9	375.0	-32.6	-50.1	272.2	26.5	26.4	-1.0	318.3	318.7	0.1	16.0	21.4	106.
32.8	82.0	8189.1	350.0	-36.8	-54.8	263.0	27.7	27.5	2.4	319.1	319.3	0.1	13.3	24.6	104.
34.7	86.0	8697.7	325.0	-41.0	99.9	267.0	28.1	28.1	1.2	320.2	999.9	99.9	999.9	27.7	101.
36.7	90.3	9238.4	300.0	-43.9	99.9	280.2	35.9	35.4	-6.4	323.5	999.9	99.9	999.9	31.3	101.
38.5	94.8	9820.1	275.0	-46.0	99.9	291.5	49.4	45.9	-18.1	328.6	999.9	99.9	999.9	36.1	101.
40.5	99.7	10447.2	250.0	-51.0	99.9	295.9	65.1	58.5	-28.4	330.2	999.9	99.9	999.9	42.4	103.
42.7	104.8	11123.1	225.0	-57.1	99.9	295.2	76.9	69.5	-32.7	331.0	999.9	99.9	999.9	52.5	105.
45.4	110.3	11860.7	200.0	-60.9	99.9	300.5	68.5*	59.1	-34.8	336.3	999.9	99.9	999.9	63.9	108.
48.4	116.0	12684.9	175.0	-62.3	99.9	284.7	36.7*	37.5	-9.8	347.1	999.9	99.9	999.9	73.7	109.
52.0	122.8	13654.2	150.0	-58.1	99.9	277.6	32.2*	31.9	-4.2	370.0	999.9	99.9	999.9	80.4	109.
55.6	130.0	14807.1	125.0	-56.6	99.9	271.2	27.1*	27.1	-0.6	392.6	999.9	99.9	999.9	86.0	107.
60.5	138.0	16236.7	100.0	-54.1	99.9	255.7	15.0*	14.5	3.7	423.1	999.9	99.9	999.9	91.4	106.
66.3	146.5	18066.8	75.0	-61.0	99.9	299.5	9.3*	8.1	-4.6	445.1	999.9	99.9	999.9	96.3	105.
74.2	156.7	20615.5	50.0	-57.0	99.9	203.4	2.1	0.8	1.9	509.2	999.9	99.9	999.9	98.3	106.
86.5	168.5	25065.9	25.0	-51.9	99.9	999.9	99.9	99.9	99.9	635.8	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. 520
PITTSBURG, PA

25 APRIL 1975
1130 GMT

160 19. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	356.0	971.0	8.8	8.8	140.0	1.0	-0.6	0.8	285.3	304.1	7.4	100.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	9.4	540.9	950.0	10.3	10.2	999.9	99.9	99.9	99.9	288.7	310.1	8.3	100.0	999.9	999.9
1.4	11.6	764.4	925.0	11.9	11.1	999.9	99.9	99.9	99.9	292.7	316.4	9.1	94.8	999.9	999.9
2.1	14.1	993.7	900.0	10.6	9.7	999.9	99.9	99.9	99.9	293.5	315.7	8.4	94.1	999.9	999.9
2.9	16.4	1228.5	875.0	9.8	9.0	258.8	3.6	3.6	0.7	295.0	317.1	8.3	95.2	0.5	7.0
3.7	19.0	1469.2	850.0	8.6	7.1	260.2	6.7	6.6	1.1	296.2	316.2	7.5	90.0	0.6	2.0
4.5	21.3	1715.9	825.0	6.8	4.5	268.4	8.0	8.0	0.2	296.6	314.1	6.4	85.3	0.9	4.9
5.5	24.0	1968.1	800.0	4.7	4.1	261.7	9.4	9.3	1.4	297.0	314.5	6.4	95.4	1.3	6.3
6.3	26.4	2226.4	775.0	2.3	2.3	267.2	9.4	9.4	0.5	297.1	313.0	5.8	99.4	1.7	6.8
7.0	29.1	2491.2	750.0	1.0	0.7	263.9	9.5	9.4	1.0	298.4	313.3	5.4	97.9	2.2	7.2
7.9	31.9	2763.8	725.0	0.3	-2.4	258.9	8.9	8.7	1.7	300.3	312.8	4.4	82.1	2.6	7.3
8.8	34.8	3043.9	700.0	-2.9	-21.3	260.1	8.2	8.1	1.4	299.4	302.5	1.0	22.4	3.1	7.4
9.8	37.3	3331.8	675.0	-2.7	-28.8	263.5	8.2	8.1	0.9	302.7	304.4	0.5	11.5	3.6	7.5
10.9	40.3	3631.2	650.0	-2.8	-31.9	261.7	8.9	8.8	1.3	305.8	307.1	0.4	8.4	4.1	7.6
11.9	43.0	3940.7	625.0	-4.6	-33.1	254.5	10.2	9.8	2.7	307.2	308.4	0.4	8.6	4.7	7.7
12.9	46.1	4260.6	600.0	-6.8	-27.7	246.4	10.5	9.7	4.2	308.3	310.4	0.7	17.2	5.3	7.6
14.1	49.3	4591.1	575.0	-9.5	-21.3	248.1	11.9	11.1	4.5	309.0	312.8	1.2	37.2	6.1	7.4
15.1	52.1	4933.4	550.0	-11.1	-26.1	255.9	14.5	14.0	3.5	310.9	313.6	0.8	28.0	6.9	7.4
16.2	55.1	5289.8	525.0	-12.5	-33.7	263.0	17.1	17.0	2.1	313.4	314.8	0.4	15.0	8.0	7.5
17.6	58.3	5660.3	500.0	-15.2	-44.8	262.9	16.3	16.2	2.0	314.5	315.0	0.1	6.0	9.3	7.6
18.9	61.7	6046.4	475.0	-17.0	-39.3	251.7	16.0	15.1	5.2	316.9	317.8	0.3	12.6	10.6	7.6
20.3	65.2	6450.0	450.0	-20.3	-32.0	254.1	17.1	16.4	4.7	317.7	319.6	0.6	34.3	11.9	7.6
21.5	68.5	6871.0	425.0	-23.2	-28.9	264.9	20.2	20.2	1.8	319.3	322.1	0.8	59.2	13.3	7.6
23.1	72.2	7312.1	400.0	-26.9	-31.5	265.0	22.4	22.4	2.0	320.1	322.4	0.7	64.3	15.3	7.8
24.6	76.1	7775.2	375.0	-29.8	-34.2	250.2	24.6	23.2	8.3	322.2	324.1	0.6	64.9	17.3	7.8
26.1	80.3	8263.4	350.0	-33.6	-38.8	251.8	28.0	26.6	8.7	323.3	324.7	0.4	59.3	19.8	7.7
27.7	84.2	8778.7	325.0	-37.7	-43.1	253.5	33.5	32.1	9.5	324.6	325.5	0.3	56.7	22.7	7.6
29.4	88.4	9325.7	300.0	-42.0	99.9	247.9	39.8	36.8	15.0	326.2	999.9	99.9	999.9	26.5	7.6
31.2	93.0	9907.6	275.0	-47.1	99.9	247.9	44.1	40.8	16.6	327.0	999.9	99.9	999.9	30.9	7.4
33.2	97.6	10531.8	250.0	-52.4	99.9	252.6	48.4	46.2	14.4	328.3	999.9	99.9	999.9	36.8	7.4
35.4	102.6	11204.4	225.0	-58.2	99.9	256.8	53.7	52.3	12.2	329.3	999.9	99.9	999.9	43.3	7.4
37.9	108.2	11935.3	200.0	-64.5	99.9	260.2	55.6	54.7	9.5	330.7	999.9	99.9	999.9	51.5	7.4
40.5	114.0	12747.4	175.0	-65.3	99.9	288.8	42.0	39.8	-13.5	342.2	999.9	99.9	999.9	58.9	7.7
43.5	120.5	13653.3	150.0	-62.1	99.9	267.3	21.5	21.5	1.0	363.1	999.9	99.9	999.9	63.1	7.9
47.5	127.7	14826.0	125.0	-59.5	99.9	274.1	18.2	18.1	-1.3	387.2	999.9	99.9	999.9	68.5	8.0
52.2	135.7	16234.2	100.0	-59.0	99.9	266.2	19.8	19.8	1.3	413.7	999.9	99.9	999.9	73.7	8.0
58.1	143.7	18023.0	75.0	-62.0	99.9	254.2	13.0	12.5	3.5	443.0	999.9	99.9	999.9	77.6	7.9
65.7	153.0	20564.3	50.0	-57.7	99.9	73.5	1.8	-1.7	-0.5	507.5	999.9	99.9	999.9	79.7	8.0
77.0	163.5	24981.3	25.0	-53.3	99.9	36.0	4.5	-2.7	-3.7	631.7	999.9	99.9	999.9	78.0	8.0

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

STATION NO. 528
BUFFALO, N Y

25 APRIL 1975
1115 GMT

159 19. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	218.0	990.2	6.1	3.9	30.0	1.5	-0.7	-1.3	280.7	293.9	5.1	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	999.9	999.9	999.9	999.9
0.3	6.5	345.0	975.0	5.6	3.6	211.8	5.1	2.7	4.4	281.5	294.6	5.1	87.0	0.2	213.
1.0	8.5	557.2	950.0	4.2	2.0	175.8	1.5	-0.1	1.5	282.0	294.1	4.7	86.0	0.1	219.
1.8	10.5	773.6	925.0	2.0	1.0	72.7	3.4	-3.3	-1.0	281.9	293.5	4.5	93.0	0.2	236.
2.5	12.4	994.3	900.0	0.3	-0.1	62.8	1.7	-1.5	-0.8	282.4	293.4	4.2	96.6	0.3	244.
3.3	14.5	1229.1	875.0	0.3	-2.2	6.0	1.8	-0.2	-1.7	284.6	294.5	3.7	84.0	0.4	240.
4.1	16.5	1453.8	850.0	2.5	-10.6	7.7	1.9	-0.3	-1.9	289.0	294.7	2.0	37.6	0.4	228.
5.0	18.6	1655.1	825.0	2.5	-13.5	337.8	0.8	0.3	-0.8	291.4	296.2	1.6	29.6	0.5	223.
5.7	20.7	1943.8	800.0	2.4	-18.1	263.8	2.1	2.1	0.2	293.8	297.2	1.1	20.3	0.5	218.
6.6	23.0	2199.9	775.0	2.5	-22.5	282.7	3.5	3.4	-0.8	296.6	299.1	0.8	13.7	0.4	199.
7.4	25.2	2465.3	750.0	2.7	-22.0	301.5	3.5	3.0	-1.8	299.6	302.3	0.9	14.2	0.5	180.
8.4	27.5	2738.7	725.0	1.4	-22.9	286.9	5.0	4.8	-1.5	301.1	303.7	0.8	14.3	0.6	162.
9.3	29.9	3020.4	700.0	0.4	-23.6	272.3	7.3	7.3	-0.3	303.0	305.6	0.8	14.4	0.8	142.
10.2	32.3	3311.1	675.0	-1.5	-25.0	262.3	7.9	7.8	1.1	304.1	306.5	0.7	14.5	1.2	121.
11.3	34.9	3610.5	650.0	-3.6	-22.5	263.4	8.7	8.6	1.0	305.0	308.0	1.0	21.5	1.6	110.
12.3	37.2	3918.9	625.0	-5.9	-24.6	267.0	10.5	10.5	0.6	305.8	308.4	0.8	21.0	2.1	103.
13.3	40.0	4237.3	600.0	-7.8	-26.8	268.3	11.9	11.9	0.4	307.2	309.4	0.7	19.9	2.8	99.
14.5	42.5	4566.5	575.0	-10.6	-26.7	267.1	12.8	12.8	0.6	307.6	310.0	0.7	25.1	3.7	97.
15.5	45.4	4906.8	550.0	-13.2	-25.2	262.7	14.7	14.6	1.9	308.6	311.4	0.9	35.4	4.5	95.
16.7	48.4	5254.3	525.0	-16.0	-26.8	255.0	14.6	14.1	3.8	309.3	311.9	0.8	38.7	5.5	92.
17.9	51.3	5625.4	500.0	-18.4	-26.5	252.0	13.9	13.2	4.3	310.6	313.5	0.9	49.0	6.5	89.
19.1	54.3	6006.9	475.0	-20.7	-29.0	252.5	15.0	14.3	4.5	312.4	314.8	0.7	46.9	7.5	86.
20.5	57.3	6404.2	450.0	-24.1	-30.3	258.7	16.6	16.2	3.2	312.9	315.2	0.7	56.3	8.8	85.
21.9	60.7	6818.9	425.0	-27.1	-32.1	265.6	18.6	18.5	1.4	314.3	316.3	0.6	61.8	10.3	84.
23.4	64.2	7253.2	400.0	-30.2	-40.1	264.7	20.8	20.7	1.9	315.7	318.8	0.3	37.2	11.9	85.
25.0	67.7	7710.7	375.0	-32.6	-50.1	270.1	25.0	25.0	-0.1	318.4	318.7	0.1	15.5	14.1	85.
26.6	71.3	8192.5	350.0	-36.9	-50.6	277.7	31.1	30.8	-4.2	318.9	319.3	0.1	22.4	16.7	86.
28.0	75.3	8702.6	325.0	-39.3	-53.6	277.7	43.1	42.7	-5.8	322.4	322.7	0.1	19.9	19.9	88.
29.6	79.5	9247.1	300.0	-42.5	99.9	274.6	55.2	55.1	-4.5	325.5	999.9	99.9	999.9	24.5	90.
31.6	83.8	9828.9	275.0	-47.2	99.9	270.5	58.5	58.5	-0.5	326.8	999.9	99.9	999.9	31.4	90.
33.7	88.4	10453.4	250.0	-51.5	99.9	265.7	64.0	63.9	4.8	329.5	999.9	99.9	999.9	38.9	90.
35.9	93.5	11139.7	225.0	-55.9	99.9	264.5	67.9	67.6	6.5	332.8	999.9	99.9	999.9	48.0	90.
38.3	99.0	11871.9	200.0	-60.6	99.9	277.5	65.2	64.7	-8.5	336.8	999.9	99.9	999.9	57.7	89.
40.7	105.0	12695.0	175.0	-62.6	99.9	282.9	44.8	43.7	-10.0	346.6	999.9	99.9	999.9	65.6	91.
43.7	111.7	13656.3	150.0	-58.3	99.9	265.6	26.6	26.5	2.1	369.6	999.9	99.9	999.9	70.9	91.
47.3	119.0	14805.1	125.0	-56.3	99.9	270.0	28.3	28.3	0.0	393.0	999.9	99.9	999.9	76.7	91.
51.8	127.7	16229.5	100.0	-54.3	99.9	246.1	12.8	11.7	5.2	422.8	999.9	99.9	999.9	81.9	91.
57.5	137.5	18068.6	75.0	-56.2	99.9	245.7	6.2	5.7	2.6	455.0	999.9	99.9	999.9	86.1	90.
64.4	148.0	20629.8	50.0	-56.7	99.9	62.2	5.1	-4.5	-2.4	510.0	999.9	99.9	999.9	87.8	90.
75.0	160.0	25070.7	25.0	-50.6	99.9	65.0	8.7	-7.9	-3.7	639.1	999.9	99.9	999.9	86.6	90.

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

STATION NO. 532
PEORIA, ILL

25 APRIL 1975
1115 GMT

161 20. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT T DG K	E POT T DG K	KX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	200.0	990.2	7.2	3.8	15.0	2.6	-0.7	-2.5	281.8	294.9	5.1	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.
0.4	7.2	327.3	975.0	5.7	4.2	24.7	4.6	-1.9	-4.2	281.6	295.2	5.3	89.7	0.4	233.
1.1	9.5	539.8	950.0	5.3	4.9	50.2	4.8	-3.7	-3.1	283.3	298.1	5.8	97.5	0.3	219.
1.8	11.7	759.6	925.0	8.5	8.5	79.4	3.1	-3.1	-0.6	289.0	308.6	7.6	101.1	0.5	230.
2.6	14.1	986.7	900.0	8.5	8.5	242.5	1.4	1.2	0.6	291.3	311.7	7.8	101.0	0.5	236.
3.4	16.3	1220.0	875.0	8.1	7.7	261.5	5.6	5.5	0.8	293.2	313.3	7.6	98.2	0.4	225.
4.4	18.9	1459.5	850.0	8.0	2.6	293.8	13.3	12.1	-5.4	295.2	310.1	5.5	69.1	0.4	163.
5.2	21.2	1706.0	825.0	7.1	3.7	305.2	13.5	11.0	-7.8	296.9	313.5	6.1	79.0	1.1	127.
6.0	22.8	1958.9	800.0	5.8	4.0	305.2	9.4	7.7	-5.4	298.1	315.7	6.4	88.6	1.6	133.
6.9	26.2	2218.5	775.0	4.0	2.6	286.4	8.5	8.2	-2.4	298.9	315.4	6.0	90.1	2.1	128.
7.7	29.0	2484.5	750.0	2.2	-0.1	276.7	6.7	6.7	-0.8	299.6	313.8	5.1	85.1	2.4	124.
8.7	31.9	2757.5	725.0	-0.4	-1.4	271.2	5.6	5.6	-0.1	299.6	313.0	4.8	92.7	2.7	119.
9.6	34.6	3037.6	700.0	-2.1	-8.1	276.2	4.9	4.9	-0.5	300.5	309.1	3.0	63.5	3.0	117.
10.5	37.3	3326.1	675.0	-3.4	-9.9	277.3	5.4	5.3	-0.7	302.2	310.0	2.7	60.6	3.2	116.
11.6	40.3	3623.7	650.0	-5.5	-10.9	278.7	4.6	4.5	-0.7	303.1	310.6	2.6	65.6	3.6	114.
12.5	43.1	3930.4	625.0	-7.8	-10.9	288.9	4.1	3.9	-1.3	303.9	311.8	2.7	78.6	3.8	113.
13.5	46.3	4247.0	600.0	-9.8	-24.0	285.2	7.6	7.3	-2.0	304.8	308.5	1.2	38.8	4.1	113.
14.7	49.4	4574.5	575.0	-11.1	-56.9	286.5	15.1	14.4	-4.3	306.9	307.1	0.0	1.0	4.9	111.
15.8	52.5	4914.0	550.0	-13.6	-58.5	287.0	18.4	17.6	-5.4	307.9	308.0	0.0	1.0	6.1	111.
17.0	55.8	5265.7	525.0	-16.5	-60.4	283.6	20.2	19.6	-4.7	308.5	303.6	0.0	1.0	7.4	110.
18.2	59.0	5630.2	500.0	-19.6	-62.4	279.2	21.7	21.4	-3.5	309.1	309.2	0.0	1.0	8.9	109.
19.6	62.6	6008.7	475.0	-23.1	-64.7	274.9	21.9	21.9	-1.9	309.3	309.4	0.0	1.0	10.7	106.
20.9	66.0	6402.2	450.0	-26.2	-66.7	276.2	22.6	22.5	-2.4	310.3	310.3	0.0	1.0	12.4	104.
22.3	69.9	6813.5	425.0	-28.7	-68.3	277.0	26.3	26.2	-3.2	312.2	312.2	0.0	1.0	14.4	104.
23.7	73.7	7244.8	400.0	-31.7	-70.3	272.9	28.4	28.4	-1.4	313.8	313.8	0.0	1.0	16.7	103.
25.2	77.8	7698.3	375.0	-34.9	-72.4	273.5	27.8	27.7	-1.7	315.3	315.4	0.0	1.0	19.3	101.
26.8	81.8	8175.6	350.0	-38.7	-75.0	270.2	26.7	26.7	-0.1	316.4	316.4	0.0	1.0	21.9	100.
28.7	86.2	8680.2	325.0	-42.8	99.9	271.2	32.7	32.7	-0.7	317.7	999.9	99.9	999.9	25.1	97.
30.5	91.0	9217.9	300.0	-44.6	99.9	266.7	30.4	30.4	1.8	322.4	999.9	99.9	999.9	28.5	98.
32.4	95.8	9795.2	275.0	-47.9	99.9	258.2	33.5	32.8	6.9	325.9	999.9	99.9	999.9	32.0	96.
34.6	100.8	10420.6	250.0	-49.9	99.9	250.7	37.8	35.7	12.5	331.9	999.9	99.9	999.9	36.5	93.
36.7	106.5	11104.6	225.0	-53.4	99.9	246.1	42.9	39.3	17.4	336.7	999.9	99.9	999.9	41.2	90.
39.4	112.3	11857.9	200.0	-55.4	99.9	257.2	40.2	39.2	8.9	345.1	999.9	99.9	999.9	47.7	88.
42.4	118.5	12712.4	175.0	-54.3	99.9	260.5	34.7	34.2	5.7	360.2	999.9	99.9	999.9	54.4	86.
45.8	125.5	13689.3	150.0	-57.7	99.9	280.1	33.2	32.7	-5.8	370.6	999.9	99.9	999.9	61.9	87.
49.8	133.0	14843.1	125.0	-58.6	99.9	269.2	22.8	22.8	0.3	388.8	999.9	99.9	999.9	68.2	88.
55.0	140.3	16250.6	100.0	-56.5	99.9	254.2	30.4	29.3	8.3	418.6	999.9	99.9	999.9	76.0	88.
61.0	147.7	18053.8	75.0	-60.5	99.9	269.4	22.6	22.6	0.2	446.2	999.9	99.9	999.9	84.7	87.
69.1	155.7	20614.2	50.0	-56.9	99.9	270.1	1.9	1.9	-0.0	509.4	999.9	99.9	999.9	89.5	88.
80.6	163.3	25069.8	25.0	-51.5	99.9	36.0	7.1	-4.2	-5.7	636.9	999.9	99.9	999.9	89.6	90.

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

STATION NO. 553
 OMAHA, NEB

25 APRIL 1975
 1115 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	400.0	964.6	10.6	10.0	170.0	2.1	-0.4	2.1	287.7	308.4	8.0	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.
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	8.5	528.7	950.0	14.3	13.3	232.4	7.7	6.1	4.7	293.1	319.7	10.2	93.8	0.2	27.
1.3	10.5	754.8	925.0	14.0	11.9	245.9	6.7	6.2	2.8	294.9	320.1	9.6	87.3	0.5	47.
2.1	12.4	986.1	900.0	13.0	9.4	253.8	4.5	4.4	1.3	296.0	318.2	8.3	78.8	0.7	56.
3.0	14.3	1222.7	875.0	11.8	7.2	264.2	4.1	4.1	0.4	297.0	316.8	7.3	73.3	0.9	60.
3.8	16.5	1465.2	850.0	11.0	-0.4	296.8	5.8	5.2	-2.6	298.2	310.5	4.4	45.4	1.1	69.
4.8	18.7	1713.6	825.0	9.4	-2.3	303.9	7.6	6.3	-4.3	299.0	310.1	3.9	43.7	1.4	82.
5.7	20.8	1967.7	800.0	7.1	-4.3	302.1	8.4	7.1	-4.5	299.1	309.0	3.5	44.0	1.7	91.
6.7	23.0	2227.7	775.0	4.8	-7.4	308.3	9.9	7.8	-6.1	299.3	307.5	2.8	40.8	2.2	99.
7.7	25.3	2494.4	750.0	3.3	-19.8	316.6	13.2	9.1	-9.6	300.3	303.9	1.2	18.6	2.8	107.
8.9	27.6	2768.9	725.0	3.4	-30.3	314.5	15.8	11.3	-11.1	303.2	304.6	0.4	6.4	3.7	115.
10.0	30.0	3053.0	700.0	2.9	-31.0	316.9	17.2	11.7	-12.5	305.8	307.1	0.4	6.1	4.8	119.
11.0	32.6	3346.5	675.0	0.9	-32.5	320.6	18.8	11.9	-14.5	306.7	307.9	0.4	6.0	5.9	123.
12.1	35.1	3648.3	650.0	-1.2	-31.7	318.2	18.8	12.5	-14.0	307.6	309.0	0.4	7.6	7.1	126.
13.3	37.5	3959.9	625.0	-3.1	-35.4	316.6	17.0	11.7	-12.3	308.9	310.0	0.3	6.1	8.3	128.
14.3	40.2	4281.7	600.0	-5.0	-36.5	310.1	16.4	12.5	-10.6	310.4	311.3	0.3	6.3	9.3	129.
15.4	42.8	4614.6	575.0	-7.5	-37.9	299.5	18.2	15.8	-8.9	311.3	312.1	0.2	6.6	10.5	128.
16.6	45.7	4959.0	550.0	-9.9	-39.4	294.3	20.1	18.4	-8.3	312.3	313.1	0.2	6.8	11.8	127.
17.8	48.6	5315.6	525.0	-13.1	-39.3	294.2	21.8	19.9	-9.0	312.7	313.5	0.2	8.8	13.4	125.
19.2	51.5	5685.1	500.0	-16.3	-41.5	293.8	21.6	19.8	-8.7	313.1	313.8	0.2	9.2	15.2	124.
20.5	54.6	6068.3	475.0	-20.0	-41.8	295.6	22.1	20.0	-9.6	313.2	313.9	0.2	12.3	16.8	123.
22.0	57.7	6466.4	450.0	-23.3	-46.1	292.6	23.8	22.0	-9.1	313.9	314.4	0.1	10.2	18.8	122.
23.5	61.1	6881.8	425.0	-26.4	-48.5	292.6	27.0	25.0	-10.4	315.1	315.5	0.1	10.3	21.0	121.
25.0	64.7	7316.7	400.0	-30.3	-50.0	297.7	27.5	24.4	-12.8	315.6	315.9	0.1	12.5	23.5	120.
26.6	68.2	7772.5	375.0	-33.7	-51.5	300.8	26.7	23.0	-13.7	316.9	317.2	0.1	14.6	26.0	120.
28.2	71.8	8252.6	350.0	-37.6	-54.5	301.4	29.4	25.1	-15.3	318.0	318.2	0.1	15.0	28.8	120.
30.0	76.0	8760.0	325.0	-41.1	99.9	301.5	32.0	27.3	-16.7	320.1	999.9	99.9	999.9	32.0	120.
31.9	80.3	9298.9	300.0	-45.4	99.9	297.8	35.6	31.5	-16.6	321.4	999.9	99.9	999.9	35.9	120.
33.8	84.6	9874.8	275.0	-48.6	99.9	292.3	42.9	39.7	-18.3	323.9	999.9	99.9	999.9	40.5	120.
36.0	89.4	10456.3	250.0	-52.7	99.9	294.1	53.7	49.0	-21.9	327.8	999.9	99.9	999.9	46.5	119.
38.4	94.8	11171.0	225.0	-56.8	99.9	296.5	61.1	54.7	-27.3	331.4	999.9	99.9	999.9	54.8	118.
40.8	100.0	11909.4	200.0	-60.5	99.9	295.3	46.5*	42.0	-19.9	336.9	999.9	99.9	999.9	63.1	118.
43.6	106.3	12734.3	175.0	-63.7	99.9	273.8	41.8*	41.7	-2.8	344.8	999.9	99.9	999.9	69.3	117.
47.1	113.0	13701.4	150.0	-57.6	99.9	281.3	33.5*	32.8	-6.5	370.9	999.9	99.9	999.9	76.0	115.
51.0	120.7	14852.3	125.0	-58.5	99.9	282.7	26.3*	25.6	-5.8	389.1	999.9	99.9	999.9	82.1	114.
55.4	129.5	15250.0	100.0	-58.7	99.9	273.3	27.3*	27.3	-1.6	414.4	999.9	99.9	999.9	88.9	112.
61.1	139.0	18060.7	75.0	-59.5	99.9	169.2	11.6*	-2.2	11.4	448.3	999.9	99.9	999.9	94.6	111.
69.0	149.0	20620.9	50.0	-53.2	99.9	18.8	3.8	-1.2	-3.6	518.2	999.9	99.9	999.9	99.7	110.
81.2	158.7	25107.3	25.0	-52.0	99.9	55.8	9.4	-7.8	-5.3	635.6	999.9	99.9	999.9	95.6	112.

* BY SPEED MEANS ELEVATION 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. 562
NORTH PLATTE, NEB

25 APRIL 1975
1135 GMT

144 21. 1

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

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	847.0	913.6	3.3	1.3	110.0	3.2	-3.0	1.1	284.3	296.4	4.6	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	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.4	14.6	970.8	900.0	9.1	4.7	246.7	2.9	2.7	1.2	291.7	307.7	6.0	73.9	0.6	297.
1.1	16.8	1206.0	875.0	11.7	7.1	182.3	6.3	0.3	6.3	296.9	316.5	7.2	73.2	0.6	310.
2.1	19.2	1449.0	850.0	12.0	6.1	188.5	10.9	1.6	10.8	299.6	318.7	7.0	67.2	1.0	334.
2.9	21.5	1699.9	825.0	11.1	0.8	186.9	11.9	1.4	11.8	301.0	315.0	5.0	49.5	1.6	348.
3.9	23.9	1955.2	800.0	10.0	-6.2	178.2	10.1	-0.3	10.1	302.3	311.0	3.0	31.3	2.2	351.
4.7	26.1	2218.1	775.0	8.3	-8.1	181.2	9.3	0.2	9.3	303.0	310.9	2.7	30.4	2.7	353.
5.6	28.9	2489.0	750.0	5.0	-10.9	194.4	7.7	1.9	7.4	306.6	313.3	2.2	23.3	3.1	355.
6.6	31.4	2768.8	725.0	7.2	-10.5	210.3	9.6	4.9	8.3	307.7	314.8	2.4	27.0	3.6	358.
7.6	34.1	3056.0	700.0	4.6	-8.7	218.7	10.8	6.8	8.4	308.0	316.5	2.8	37.3	4.0	4.
8.5	36.5	3351.0	675.0	2.0	-7.3	222.5	11.9	8.1	8.8	308.3	318.1	3.3	50.2	4.6	9.
9.5	39.3	3654.5	650.0	0.2	-11.0	227.4	10.6	7.8	7.2	309.5	317.2	2.5	42.7	5.2	13.
10.6	41.9	3967.5	625.0	-2.3	-12.3	224.0	10.2	7.1	7.4	310.1	317.3	2.4	46.1	5.7	17.
11.7	44.7	4290.4	600.0	-5.0	-15.7	219.6	9.8	6.3	7.6	310.5	316.3	1.9	42.6	6.3	19.
12.8	47.7	4623.1	575.0	-8.0	-15.9	218.3	9.7	6.0	7.6	310.8	316.7	1.9	53.2	6.9	21.
14.1	50.6	4966.4	550.0	-11.4	-19.0	219.7	9.2	5.9	7.1	310.7	315.5	1.5	53.4	7.6	23.
15.2	53.6	5321.6	525.0	-13.4	-37.0	225.4	10.0	7.1	7.0	312.4	313.5	0.3	12.6	8.2	24.
16.5	56.5	5691.8	500.0	-15.0	-45.5	240.0	13.5	11.7	6.7	314.7	315.1	0.1	5.3	9.0	27.
17.8	59.9	6077.5	475.0	-18.2	-47.3	247.9	17.2	15.9	6.5	315.4	315.8	0.1	5.7	10.0	31.
19.0	63.2	6478.9	450.0	-21.1	-49.0	250.1	18.9	17.8	6.4	316.7	317.1	0.1	6.0	11.0	35.
20.3	66.4	6893.1	425.0	-24.4	-51.0	255.7	18.8	18.2	4.6	317.7	318.0	0.1	6.4	12.2	39.
21.7	70.1	7336.4	400.0	-28.2	-53.3	253.7	20.2	19.4	5.7	318.3	318.6	0.1	6.8	13.6	44.
23.1	73.6	7796.0	375.0	-32.0	-54.3	252.5	22.3	21.3	6.7	319.2	319.4	0.1	8.8	15.2	47.
24.7	77.4	8279.8	350.0	-35.9	-45.6	254.0	24.4	23.4	6.7	320.3	320.9	0.2	36.1	17.1	50.
26.4	81.3	8790.2	325.0	-40.1	99.9	256.8	24.7	24.0	5.6	321.3	999.9	99.9	999.9	19.6	53.
28.4	85.4	9331.3	300.0	-44.4	99.9	257.7	28.1	27.5	6.0	322.8	999.9	99.9	999.9	22.3	56.
30.4	89.8	9908.0	275.0	-49.4	99.9	258.9	31.3	30.7	6.0	323.7	999.9	99.9	999.9	25.7	60.
32.4	94.3	10526.9	250.0	-53.6	99.9	263.6	34.9	34.7	3.9	326.4	999.9	99.9	999.9	29.4	62.
34.8	99.3	11197.2	225.0	-58.0	99.9	265.1	38.0	37.9	3.2	329.6	999.9	99.9	999.9	34.5	66.
37.3	104.5	11932.1	200.0	-62.2	99.9	269.8	38.3	38.3	0.1	334.3	999.9	99.9	999.9	40.0	69.
39.8	110.2	12751.2	175.0	-65.2	99.9	266.4	26.2	26.1	1.7	342.4	999.9	99.9	999.9	44.6	71.
42.8	116.3	13704.0	150.0	-56.4	99.9	272.1	22.1	22.1	-0.8	372.9	999.9	99.9	999.9	48.9	72.
46.2	123.3	14949.8	125.0	-60.3	99.9	266.2	18.1	18.0	1.2	385.8	999.9	99.9	999.9	52.1	74.
50.6	130.7	16244.1	100.0	-57.9	99.9	253.8	20.6	19.7	5.7	416.0	999.9	99.9	999.9	57.1	74.
56.2	138.3	18060.2	75.0	-59.6	99.9	280.5	9.8	9.6	-1.8	448.1	999.9	99.9	999.9	62.8	75.
63.8	146.3	20639.5	50.0	-56.7	99.9	275.4	7.1	7.1	-0.7	510.1	999.9	99.9	999.9	66.4	75.
74.7	154.3	25126.2	25.0	-51.3	99.9	39.8	4.5	-2.9	-3.5	637.7	999.9	99.9	999.9	68.1	77.

* BY SPEED MEANS ELEVATION 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. 606
PORTLAND, ME

25 APRIL 1975
1115 GMT

147 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 CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	20.0	1008.2	6.1	5.7	360.0	0.5	0.0	-0.5	279.3	293.8	5.7	97.0	0.0	0.
0.2	6.2	86.9	1000.0	5.2	3.8	26.2	7.5	-3.3	-6.8	279.0	291.8	5.1	91.1	0.0	180.
0.8	6.5	294.0	975.0	5.5	4.7	20.0	6.9	-2.4	-6.5	281.4	295.5	5.5	94.1	0.2	199.
1.5	10.6	507.3	950.0	6.3	5.2	0.0	8.2	-0.0	-8.2	284.4	299.5	5.9	92.4	0.5	193.
2.3	12.9	726.0	925.0	5.8	4.3	347.1	7.4	1.6	-7.2	285.9	300.7	5.7	90.5	0.9	185.
3.1	15.2	951.2	900.0	6.3	5.5	305.0	3.2	2.7	-1.9	288.9	305.5	6.3	94.5	1.1	178.
3.8	17.3	1182.3	875.0	5.8	5.0	284.5	4.3	4.2	-1.1	290.6	307.2	6.3	94.8	1.1	172.
4.5	19.8	1419.6	850.0	5.6	2.2	282.4	7.4	7.3	-1.6	292.7	307.0	5.3	79.1	1.3	150.
5.3	22.0	1663.9	825.0	5.8	-11.0	289.4	7.2	6.8	-2.4	294.9	300.7	2.0	28.6	1.5	149.
6.0	24.5	1915.2	800.0	4.9	-25.6	287.7	10.1	9.6	-3.1	296.4	298.3	0.6	8.8	1.8	142.
6.9	26.9	2173.5	775.0	4.1	-28.9	277.3	10.4	10.3	-1.3	298.3	299.7	0.4	6.8	2.3	133.
7.7	29.5	2439.1	750.0	2.3	-30.0	265.8	10.2	10.2	0.7	299.1	300.4	0.4	7.0	2.7	125.
8.5	32.1	2711.6	725.0	0.6	-30.8	266.7	10.8	10.8	0.6	300.2	301.5	0.4	7.3	3.0	119.
9.5	34.9	2992.1	700.0	-1.4	-31.3	273.3	12.5	12.5	-0.7	301.0	302.3	0.4	8.1	3.5	114.
10.4	37.3	3281.1	675.0	-2.4	-33.7	280.1	14.1	13.9	-2.5	303.0	304.1	0.3	6.8	4.4	111.
11.2	40.1	3579.8	650.0	-3.6	-34.5	283.0	14.9	14.5	-3.4	304.9	306.0	0.3	6.9	5.1	110.
12.3	42.8	3889.0	625.0	-5.0	-32.6	279.6	15.5	15.2	-2.6	306.7	308.0	0.4	9.4	6.0	109.
13.3	45.7	4208.1	600.0	-7.4	-33.5	269.0	15.4	15.4	0.3	307.5	308.8	0.4	10.3	6.9	107.
14.3	48.8	4537.7	575.0	-10.0	-35.3	261.4	15.5	15.3	2.3	308.3	309.4	0.3	10.5	7.8	104.
15.4	51.5	4878.6	550.0	-12.6	-37.1	267.2	16.0	16.0	0.8	309.1	310.1	0.3	10.7	8.8	102.
16.6	54.7	5231.9	525.0	-15.3	-39.0	272.1	16.1	16.1	-0.6	310.1	310.9	0.2	11.0	9.9	100.
17.9	57.7	5599.0	500.0	-17.2	-37.7	274.8	16.6	16.6	-1.4	312.1	313.1	0.3	14.9	11.2	99.
19.1	61.0	5981.2	475.0	-20.4	-38.6	279.6	16.9	16.6	-2.8	312.8	313.7	0.3	17.7	12.4	99.
20.4	64.3	6379.9	450.0	-22.4	-43.3	278.9	16.6	16.4	-2.5	315.1	315.7	0.2	12.7	13.7	99.
21.8	67.6	6797.2	425.0	-25.8	-45.9	280.5	18.1	17.8	-3.3	315.9	316.5	0.1	13.0	15.2	99.
23.4	71.0	7233.5	400.0	-29.1	-40.4	272.2	17.5	17.5	-0.7	317.1	318.1	0.3	32.3	16.9	99.
25.1	74.8	7690.8	375.0	-33.3	-39.0	269.5	19.1	19.1	0.2	317.4	318.6	0.3	56.0	18.5	98.
26.7	78.6	8173.0	350.0	-36.1	-46.5	270.1	21.9	21.9	-0.1	320.0	320.6	0.2	33.2	20.6	97.
28.5	82.5	8683.4	325.0	-40.2	99.9	271.7	22.0	22.0	-0.6	321.2	999.9	99.9	999.9	23.0	97.
30.7	86.5	9224.6	300.0	-44.3	99.9	271.1	26.7	26.7	-0.5	322.9	999.9	99.9	999.9	26.1	96.
32.9	91.0	9801.0	275.0	-49.4	99.9	265.7	26.4	26.3	2.0	323.7	999.9	99.9	999.9	29.5	95.
35.3	95.7	10418.2	250.0	-54.9	99.9	260.6	27.6	27.2	4.5	324.5	999.9	99.9	999.9	33.4	94.
38.0	100.7	11089.0	225.0	-56.0	99.9	265.6	32.0	31.9	2.5	332.7	999.9	99.9	999.9	37.9	93.
41.0	106.0	11835.1	200.0	-57.9	99.9	275.1	39.6	39.5	-3.5	341.1	999.9	99.9	999.9	44.7	92.
44.3	111.8	12674.5	175.0	-57.7	99.9	274.0	35.7	35.6	-2.5	354.8	999.9	99.9	999.9	52.7	93.
48.3	118.3	13647.1	150.0	-57.4	99.9	273.6	27.7	27.6	-1.7	371.1	999.9	99.9	999.9	59.2	93.
52.9	125.5	14798.4	125.0	-57.2	99.9	281.7	21.0	20.6	-4.2	391.4	999.9	99.9	999.9	66.1	93.
58.4	133.3	16221.9	100.0	-54.1	99.9	284.0	22.3	21.7	-5.4	423.2	999.9	99.9	999.9	73.8	94.
65.1	141.7	18061.0	75.0	-56.0	99.9	278.4	10.5	10.4	-1.5	455.5	999.9	99.9	999.9	81.1	95.
73.5	150.7	20631.8	50.0	-56.6	99.9	999.9	99.9	99.9	99.9	510.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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

STATION NO. 637
FLINT, MICH

25 APRIL 1975
1115 GMT

161 13. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	236.0	987.1	5.6	2.8	80.0	2.6	-2.6	-0.5	280.4	292.6	4.7	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.
0.4	6.7	337.0	975.0	5.0	2.2	76.3	4.6	-4.4	-1.1	280.7	292.6	4.6	82.5	0.1	257.
1.2	8.8	548.6	950.0	3.7	1.7	86.3	6.2	-6.1	-0.4	281.6	293.4	4.6	86.9	0.3	260.
2.0	10.8	765.0	925.0	2.3	0.9	88.7	6.8	-6.8	-0.1	282.2	293.7	4.4	90.9	0.5	264.
2.9	13.0	985.7	900.0	0.6	-0.1	89.3	6.2	-6.2	-0.1	282.6	293.7	4.2	95.4	1.0	266.
3.8	15.2	1211.5	875.0	-0.6	-1.3	82.1	3.9	-3.8	-0.5	283.7	294.2	4.0	95.1	1.3	267.
4.7	17.4	1445.0	850.0	1.8	-4.1	43.4	2.9	-2.0	-2.1	288.5	297.6	3.4	65.8	1.4	263.
5.6	19.7	1695.7	825.0	1.8	-13.4	302.1	1.5	1.3	-0.8	290.7	295.5	1.6	31.3	1.5	261.
6.6	21.8	1934.5	800.0	3.0	-10.1	282.6	5.1	5.0	-1.1	294.7	301.1	2.2	37.7	1.2	256.
7.5	24.3	2191.5	775.0	3.3	-47.9	284.0	4.9	4.8	-1.2	297.4	297.6	0.1	1.0	1.0	250.
8.5	26.5	2457.1	750.0	2.9	-48.1	288.8	6.8	6.5	-2.2	299.7	300.0	0.1	1.0	0.8	234.
9.5	29.0	2730.2	725.0	1.2	-49.2	282.0	9.0	8.8	-1.9	300.8	301.0	0.1	1.0	0.6	177.
10.5	31.5	3011.7	700.0	-0.3	-27.9	271.5	9.6	9.6	-0.2	302.2	304.2	0.6	12.4	0.8	146.
11.5	34.2	3301.1	675.0	-2.9	-21.5	270.2	8.0	8.0	-0.0	302.5	305.7	1.0	22.1	1.2	124.
12.5	36.6	3598.9	650.0	-4.8	-32.4	268.4	6.9	6.9	0.2	303.6	305.0	0.4	10.8	1.5	115.
13.7	39.3	3906.3	625.0	-6.5	-36.9	261.6	7.8	7.7	1.1	305.0	305.8	0.3	6.8	2.0	108.
14.8	41.9	4223.8	600.0	-8.5	-32.7	255.8	7.5	7.3	1.8	306.3	307.6	0.4	12.0	2.4	102.
15.9	44.8	4551.9	575.0	-11.5	-32.5	262.6	7.6	7.6	1.0	306.5	307.9	0.4	15.6	2.9	98.
17.1	47.8	4891.0	550.0	-14.2	-24.9	253.6	9.0	8.6	2.5	307.3	310.3	0.9	40.0	3.5	96.
18.4	50.6	5242.4	525.0	-16.6	-28.0	231.8	11.0	8.6	6.8	308.5	310.9	0.7	36.2	4.1	89.
19.7	53.6	5607.4	500.0	-19.4	-26.6	229.4	12.8	9.7	8.3	309.5	312.3	0.9	52.9	4.9	82.
20.9	56.6	5986.3	475.0	-22.6	-27.3	238.1	13.7	11.6	7.2	310.0	312.8	0.8	65.5	5.8	77.
22.2	59.9	6381.6	450.0	-24.7	-27.9	245.8	13.9	13.0	4.8	312.2	315.0	0.8	74.6	6.8	75.
23.6	63.3	6794.6	425.0	-28.5	-38.2	256.1	14.0	13.6	3.4	312.4	313.6	0.3	38.7	8.0	75.
25.1	66.7	7226.4	400.0	-31.5	-36.6	255.2	16.3	15.7	4.1	314.0	315.4	0.4	60.0	9.3	75.
26.5	70.3	7681.0	375.0	-34.0	-43.2	259.6	19.9	19.6	3.6	316.5	317.3	0.2	38.8	10.8	75.
27.9	74.0	8162.2	350.0	-35.9	-44.3	258.5	31.0	30.4	6.2	320.3	321.0	0.2	41.1	12.8	76.
29.5	78.0	8674.3	325.0	-38.5	-44.7	249.6	43.3	40.6	15.1	323.6	324.3	0.2	51.3	16.3	76.
31.1	82.0	9220.5	300.0	-41.5	99.9	241.3	52.4	46.0	25.2	326.8	999.9	99.9	999.9	21.1	73.
33.2	86.3	9806.4	275.0	-45.2	99.9	243.1	56.6	50.5	25.6	329.8	999.9	99.9	999.9	28.0	70.
35.4	91.2	10436.2	250.0	-50.0	99.9	243.0	59.4	52.9	27.0	331.7	999.9	99.9	999.9	35.5	69.
37.6	96.0	11115.7	225.0	-55.9	99.9	246.9	63.7	58.6	25.0	332.8	999.9	99.9	999.9	43.6	68.
40.1	101.3	11855.7	200.0	-61.2	99.9	252.4	67.5	64.3	20.4	335.9	999.9	99.9	999.9	53.0	68.
42.5	107.3	12676.7	175.0	-63.5	99.9	266.2	42.0	41.9	2.8	345.2	999.9	99.9	999.9	60.5	70.
46.1	114.0	13646.1	150.0	-56.4	99.9	273.5	28.5	28.5	-1.8	372.9	999.9	99.9	999.9	67.7	72.
49.7	121.3	14799.1	125.0	-57.0	99.9	259.6	23.3	22.9	4.2	391.8	999.9	99.9	999.9	71.8	73.
54.7	129.7	16228.7	100.0	-53.4	99.9	249.0	11.9	11.1	4.3	424.6	999.9	99.9	999.9	77.4	73.
60.8	139.0	18062.8	75.0	-58.5	99.9	262.4	10.9	10.8	1.4	450.3	999.9	99.9	999.9	83.4	73.
69.7	149.3	20631.3	50.0	-55.2	99.9	126.9	4.2	-3.3	2.5	513.4	999.9	99.9	999.9	85.1	74.
82.4	160.0	25075.2	25.0	-52.0	99.9	44.6	1.4	-1.0	-1.0	635.1	999.9	99.9	999.9	84.1	74.

* BY SPEED MEANS ELEVATION 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. 645
GREEN BAY, WIS

25 APRIL 1975
1115 GMT

154 17. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	210.0	991.2	4.4	2.9	40.0	3.6	-2.3	-2.8	278.9	291.1	4.8	90.0	0.0	9.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	8.2	344.2	975.0	3.7	1.5	999.9	99.9	99.9	99.9	279.4	290.7	4.4	85.2	999.9	999.9
1.2	10.4	554.9	950.0	2.0	0.2	999.9	99.9	99.9	99.9	279.7	290.3	4.1	87.8	999.9	999.9
2.0	12.5	769.5	925.0	-0.2	-0.5	75.5	7.6	-7.3	-1.9	279.7	290.0	4.0	98.2	0.8	255.
2.7	14.9	988.5	900.0	-0.6	-3.6	65.6	9.0	-8.2	-3.7	281.3	289.9	3.3	80.7	1.1	254.
3.5	17.0	1216.1	875.0	3.4	-12.9	59.5	7.4	-6.4	-3.7	287.5	292.1	1.6	29.0	1.5	250.
4.3	19.4	1450.8	850.0	2.7	-12.4	19.5	4.1	-1.4	-3.9	289.2	294.3	1.8	32.1	1.8	247.
5.2	21.6	1692.1	825.0	1.9	-8.4	355.8	4.9	0.4	-4.9	291.0	297.9	2.5	46.0	1.9	241.
6.1	24.2	1939.7	800.0	0.4	-8.5	331.6	3.9	1.9	-3.4	291.9	298.9	2.5	50.7	2.0	233.
7.0	26.5	2194.1	775.0	-0.2	-17.4	291.5	5.1	4.7	-1.9	293.2	298.3	1.6	32.9	1.9	228.
7.9	29.1	2456.4	750.0	-0.2	-39.7	293.7	9.0	8.2	-3.6	296.9	296.9	0.2	3.2	1.8	216.
8.9	31.7	2727.3	725.0	-1.2	-27.2	292.5	9.5	8.7	-3.6	298.2	300.0	0.6	12.3	1.8	196.
9.8	34.4	3005.6	700.0	-3.9	-12.6	292.9	7.5	6.9	-2.9	298.5	304.6	2.1	50.9	1.9	182.
10.8	36.9	3291.9	675.0	-5.6	-8.7	288.3	7.3	6.9	-2.3	299.8	308.3	2.9	78.9	2.0	172.
11.8	39.7	3597.7	650.0	-7.2	-8.8	279.8	8.9	8.7	-1.5	301.2	310.0	3.0	88.2	2.3	160.
12.9	42.3	3892.4	625.0	-9.5	-10.7	278.7	9.0	8.9	-1.4	301.9	309.9	2.7	90.4	2.6	143.
13.9	45.2	4207.0	600.0	-11.5	-12.8	276.3	8.9	8.9	-1.0	303.1	310.1	2.4	90.3	3.0	141.
14.9	48.1	4532.3	575.0	-13.4	-15.0	275.8	9.8	9.7	-1.0	304.5	310.7	2.1	87.8	3.4	133.
16.1	50.9	4869.1	550.0	-15.9	-17.5	263.8	9.6	9.6	1.0	305.4	310.7	1.7	87.3	4.0	127.
17.2	54.0	5218.3	525.0	-18.3	-20.5	264.5	10.0	9.9	1.0	306.5	310.9	1.4	83.1	4.4	121.
18.5	56.8	5581.3	500.0	-20.5	-23.4	271.2	9.8	9.8	-0.2	308.2	311.9	1.2	77.2	5.1	117.
19.7	60.0	5958.6	475.0	-23.7	-27.1	268.2	11.4	11.4	0.4	308.7	311.5	0.9	73.2	5.8	113.
20.9	63.3	6351.5	450.0	-26.9	-31.6	265.3	11.6	11.6	1.0	309.5	311.4	0.6	64.2	6.5	110.
22.2	66.6	6760.9	425.0	-30.4	-34.1	259.6	11.8	11.6	2.1	310.1	311.7	0.5	69.7	7.4	107.
23.6	70.1	7188.4	400.0	-34.5	-38.6	259.8	12.5	12.3	2.2	310.2	311.3	0.3	65.5	8.3	103.
25.1	73.7	7636.3	375.0	-38.0	-46.2	256.0	15.4	14.9	3.7	311.2	311.8	0.2	41.2	9.4	100.
26.7	77.5	8108.2	350.0	-41.4	99.9	256.0	14.6	14.2	3.5	312.9	999.9	99.9	999.9	10.8	97.
28.4	81.2	8607.7	325.0	-44.5	99.9	261.8	14.8	14.6	2.1	315.3	999.9	99.9	999.9	12.1	94.
30.1	85.3	9134.5	300.0	-48.3	99.9	275.8	16.3	16.2	-1.7	317.3	999.9	99.9	999.9	13.8	94.
31.8	89.3	9707.7	275.0	-52.2	99.9	249.0	20.3	18.9	7.3	319.6	999.9	99.9	999.9	15.5	93.
34.0	94.2	10324.6	250.0	-51.2	99.9	242.2	28.0	24.8	13.1	330.0	999.9	99.9	999.9	18.3	86.
36.4	99.0	11003.3	225.0	-54.7	99.9	250.1	36.9	34.7	12.5	334.7	999.9	99.9	999.9	22.6	84.
39.0	104.0	11755.1	200.0	-56.3	99.9	258.7	28.6	28.1	5.6	343.6	999.9	99.9	999.9	27.9	82.
42.1	105.8	12604.1	175.0	-56.2	99.9	261.9	30.1	29.8	4.3	357.2	999.9	99.9	999.9	33.3	81.
45.5	115.6	13586.9	150.0	-54.6	99.9	284.7	24.8	24.0	-6.3	376.1	999.9	99.9	999.9	38.8	83.
49.6	122.5	14754.0	125.0	-54.9	99.9	270.2	19.3	19.3	-0.1	395.7	999.9	99.9	999.9	43.5	86.
54.0	130.0	16180.3	100.0	-56.0	99.9	250.7	13.5	12.8	4.5	419.5	999.9	99.9	999.9	48.2	86.
59.8	138.0	18025.1	75.0	-53.5	99.9	277.5	6.1	15.9	-2.1	460.9	999.9	99.9	999.9	54.0	84.
67.5	146.5	20615.8	50.0	-54.8	99.9	50.2	4.3	-3.3	-2.7	514.4	999.9	99.9	999.9	54.9	86.
79.0	155.7	25089.7	25.0	-52.0	99.9	79.7	3.1	-3.1	-0.6	635.5	999.9	99.9	999.9	53.9	87.

* BY SPEED MEANS ELEVATION 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. 654
HURON, S D

25 APRIL 1975
1115 GMT

153 17. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	392.0	967.2	7.2	5.3	80.0	4.2	-4.1	-0.7	283.6	299.0	5.9	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	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	10.7	539.8	950.0	6.5	6.0	76.4	6.6	-6.4	-1.6	284.6	303.6	6.2	97.0	0.3	287.
1.2	13.0	758.6	925.0	6.0	5.6	90.8	4.0	-4.0	0.1	286.3	302.3	6.2	96.9	0.5	275.
1.9	15.3	983.5	900.0	5.4	4.9	90.0	3.3	-3.3	-0.0	287.8	303.7	6.1	96.8	0.6	277.
2.6	17.6	1213.8	875.0	4.9	1.6	90.0	4.5	-4.5	0.0	289.5	302.7	5.0	79.7	0.7	274.
3.3	20.1	1450.0	850.0	3.9	-2.8	109.5	4.8	-4.5	1.6	290.7	300.7	3.7	62.0	1.0	275.
4.1	22.4	1693.4	825.0	5.2	-5.1	137.5	3.2	-2.2	2.4	294.5	303.5	3.2	47.8	1.1	280.
4.9	25.0	1944.5	800.0	4.8	-13.0	299.1	0.7	0.6	-0.3	296.5	301.7	1.8	26.1	1.2	283.
5.7	27.4	2203.4	775.0	5.0	-23.1	312.7	3.9	2.9	-2.6	299.3	302.4	1.0	14.8	1.1	279.
6.6	30.1	2470.2	750.0	3.9	-30.0	297.6	5.4	4.8	-2.5	300.9	302.3	0.4	6.3	0.8	271.
7.5	32.9	2745.1	725.0	3.2	-37.0	293.9	6.5	6.0	-2.6	303.0	303.8	0.2	3.6	0.6	259.
8.4	35.5	3028.4	700.0	1.5	-49.0	293.9	8.4	7.7	-3.4	304.1	304.3	0.1	1.0	0.3	215.
9.5	38.2	3320.3	675.0	0.5	-49.6	297.3	11.5	10.3	-5.3	306.2	306.4	0.1	1.0	0.6	146.
10.4	40.9	3621.7	650.0	-1.7	-51.0	295.6	13.3	12.0	-5.7	307.1	307.3	0.1	1.0	1.3	131.
11.4	43.8	3932.1	625.0	-4.3	-52.6	290.9	12.9	12.0	-4.6	307.5	307.7	0.0	1.0	2.1	124.
12.4	46.9	4251.9	600.0	-7.1	-54.4	286.0	12.7	12.1	-3.9	307.9	308.0	0.0	1.0	2.9	120.
13.6	49.9	4582.1	575.0	-9.7	-55.1	287.7	11.6	11.0	-3.5	308.6	308.7	0.0	1.0	3.7	117.
14.8	52.9	4923.7	550.0	-11.9	-57.4	290.4	9.6	9.0	-3.3	309.9	310.0	0.0	1.0	4.5	116.
16.0	55.3	5277.9	525.0	-14.5	-59.1	291.9	8.3	7.7	-3.1	310.9	311.0	0.0	1.0	5.1	115.
17.1	59.1	5645.0	500.0	-17.8	-61.2	287.6	9.0	8.6	-2.7	311.3	311.4	0.0	1.0	5.7	115.
18.4	62.4	6026.3	475.0	-20.7	-63.1	282.3	9.7	9.5	-2.1	312.3	312.3	0.0	1.0	6.4	114.
19.7	65.7	6424.0	450.0	-23.4	-64.9	280.3	12.5	12.3	-2.2	313.7	313.8	0.0	1.0	7.2	112.
21.2	69.1	6839.3	425.0	-26.4	-63.3	281.1	15.9	15.6	-3.1	315.1	315.2	0.0	1.7	8.4	111.
22.6	72.6	7274.3	400.0	-30.3	-52.5	278.2	15.1	15.0	-2.2	315.6	315.9	0.1	9.2	9.7	109.
24.0	76.3	7730.4	375.0	-33.6	-53.2	275.9	16.6	16.6	-1.7	317.0	317.3	0.1	11.8	11.1	107.
25.7	80.1	8210.4	350.0	-37.7	-48.7	275.6	18.3	18.2	-1.8	317.9	318.4	0.1	30.3	12.8	106.
27.3	84.2	8717.6	325.0	-41.6	99.9	275.2	22.9	22.8	-2.1	319.4	999.9	99.9	999.9	14.7	105.
29.3	88.3	9255.7	300.0	-46.2	99.9	276.2	25.5	25.3	-2.7	320.2	999.9	99.9	999.9	17.6	103.
31.4	93.0	9827.7	275.0	-51.2	99.9	275.5	27.5	27.4	-2.6	321.1	999.9	99.9	999.9	20.9	102.
33.7	97.6	10441.9	250.0	-55.5	99.9	276.8	30.1	29.8	-3.5	323.5	999.9	99.9	999.9	25.0	101.
36.0	102.5	11107.9	225.0	-58.2	99.9	281.5	36.1	35.4	-7.2	329.4	999.9	99.9	999.9	29.7	100.
38.6	108.0	11844.1	200.0	-61.7	99.9	288.1	28.0	26.6	-8.7	335.0	999.9	99.9	999.9	35.0	102.
41.5	113.8	12671.1	175.0	-61.7	99.9	268.1	33.7	33.7	1.1	348.0	999.9	99.9	999.9	40.4	101.
44.5	120.0	13636.4	150.0	-59.2	99.9	279.6	22.6	22.3	-3.8	368.1	999.9	99.9	999.9	44.9	101.
48.6	126.8	14783.2	125.0	-58.3	99.9	273.1	18.7	18.7	-1.0	389.4	999.9	99.9	999.9	50.3	100.
53.8	134.3	16190.4	100.0	-57.2	99.9	272.1	17.2	17.1	-0.6	417.3	999.9	99.9	999.9	55.9	99.
60.3	142.0	18021.8	75.0	-51.7	99.9	278.9	8.7	8.5	-1.3	464.6	999.9	99.9	999.9	61.3	99.
68.6	150.0	20625.6	50.0	-54.7	99.9	40.0	3.8	-2.4	-2.9	514.6	999.9	99.9	999.9	61.4	99.
80.6	158.3	25119.8	25.0	-51.2	99.9	28.0	1.2	-0.6	-1.1	638.0	999.9	99.9	999.9	62.6	101.

* BY SPEED MEANS ELEVATION 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. 655
ST CLOUD, MINN

25 APRIL 1975
1115 GMT

164 15. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	316.0	980.0	5.9	4.1	60.0	4.2	-3.6	-2.1	281.3	294.8	5.2	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	7.0	357.9	975.0	5.6	4.0	67.8	12.1	-11.2	-4.6	281.4	294.8	5.2	89.4	0.2	263.
1.0	9.3	570.7	950.0	5.6	2.5	74.0	7.3	-7.0	-2.0	283.5	296.1	4.8	80.4	0.5	254.
1.9	11.5	789.3	925.0	6.2	2.4	76.8	2.7	-2.7	-0.6	286.2	299.2	4.9	76.7	0.7	257.
2.7	13.8	1013.7	900.0	5.0	2.4	43.7	2.4	-1.7	-1.8	287.3	300.7	5.1	83.0	0.8	254.
3.6	15.9	1243.1	875.0	3.1	2.1	20.2	1.7	-0.6	-1.6	287.6	301.1	5.1	93.0	0.9	250.
4.6	18.4	1477.9	850.0	1.6	1.4	321.9	1.0	0.6	-0.8	288.5	301.7	5.0	98.4	0.9	245.
5.4	20.9	1718.6	825.0	1.0	0.5	15.3	2.4	-0.6	-2.3	290.3	303.2	4.8	96.5	0.9	242.
6.2	23.2	1965.6	800.0	-0.9	-1.0	9.8	3.5	-0.6	-3.4	290.8	302.9	4.5	99.1	1.1	235.
7.0	25.6	2218.8	775.0	-2.3	-2.5	7.4	1.8	-0.2	-1.7	291.8	303.1	4.1	98.7	1.2	230.
7.9	28.1	2478.8	750.0	-3.3	-4.3	304.8	1.3	1.1	-0.7	293.5	303.7	3.7	92.5	1.2	229.
9.0	30.8	2746.7	725.0	-4.3	-7.2	300.1	3.6	3.1	-1.8	295.1	303.7	3.1	80.2	1.1	222.
10.1	33.6	3023.1	700.0	-5.0	-5.0	312.7	4.9	3.6	-3.3	297.3	304.9	2.6	70.0	1.1	207.
11.1	36.1	3308.6	675.0	-6.2	-11.2	346.2	4.6	1.1	-4.5	299.0	306.0	2.4	67.4	1.3	194.
12.2	38.9	3603.6	650.0	-6.6	-21.7	354.8	5.8	0.5	-5.8	301.6	304.9	1.1	29.8	1.6	192.
13.3	41.6	3909.6	625.0	-7.5	-20.2	345.4	8.1	2.0	-7.8	304.0	307.8	1.2	35.2	2.0	187.
14.5	44.5	4226.1	600.0	-9.8	-23.9	340.2	9.6	3.2	-9.0	304.9	307.8	0.9	30.7	2.6	181.
15.6	47.6	4553.3	575.0	-11.9	-38.5	338.4	11.5	4.2	-10.7	306.0	306.8	0.2	8.8	3.3	176.
16.8	50.5	4891.9	550.0	-14.5	-41.0	333.1	13.7	6.2	-12.3	306.8	307.5	0.2	8.4	4.2	172.
18.0	53.6	5242.0	525.0	-17.7	-41.2	331.1	13.0	6.3	-11.3	307.1	307.8	0.2	10.7	5.1	168.
19.3	56.7	5605.7	500.0	-19.9	-62.6	340.3	12.8	4.3	-12.0	308.7	308.8	0.0	1.0	6.0	166.
20.6	60.0	5983.8	475.0	-23.1	-64.7	350.9	14.6	2.3	-14.4	309.3	309.3	0.0	1.0	7.1	166.
21.9	63.4	6377.6	450.0	-25.9	-66.5	347.2	17.6	3.9	-17.2	310.7	310.7	0.0	1.0	8.4	167.
23.4	66.9	6788.4	425.0	-29.6	-68.9	340.4	17.6	5.9	-16.6	311.0	311.0	0.0	1.0	10.0	166.
25.0	70.5	7217.6	400.0	-33.3	-71.3	336.4	19.8	7.9	-18.1	311.7	311.7	0.0	1.0	11.8	165.
26.8	74.2	7667.7	375.0	-36.5	-73.4	332.8	20.6	9.4	-18.3	313.2	313.3	0.0	1.0	13.9	163.
28.7	78.2	8141.4	350.0	-40.5	99.9	327.0	21.1	11.5	-17.7	314.1	999.9	99.9	999.9	16.1	161.
30.5	82.2	8642.2	325.0	-44.6	99.9	322.7	20.4	12.4	-16.2	315.3	999.9	99.9	999.9	18.3	159.
32.4	86.3	9172.8	300.0	-49.2	99.9	324.1	24.7	14.5	-20.0	316.1	999.9	99.9	999.9	21.0	157.
34.4	90.8	9737.5	275.0	-53.7	99.9	320.3	25.3	16.2	-19.5	317.5	999.9	99.9	999.9	23.8	156.
36.6	95.7	10343.0	250.0	-58.6	99.9	313.0	26.7	19.5	-18.2	319.0	999.9	99.9	999.9	27.2	153.
39.0	100.7	11002.1	225.0	-60.3	99.9	298.3	31.2	27.4	-14.8	326.2	999.9	99.9	999.9	30.7	149.
41.7	106.3	11742.5	200.0	-58.6	99.9	294.3	21.2	19.3	-8.7	340.0	999.9	99.9	999.9	34.9	146.
44.7	112.0	12580.3	175.0	-59.0	99.9	284.7	28.0	27.1	-7.1	352.6	999.9	99.9	999.9	38.5	142.
48.3	118.5	13557.9	150.0	-55.2	99.9	279.8	19.2	18.9	-3.3	375.0	999.9	99.9	999.9	43.3	137.
52.0	125.8	14709.6	125.0	-58.7	99.9	289.1	19.3	18.2	-6.3	388.7	999.9	99.9	999.9	47.0	134.
57.0	134.0	16122.6	100.0	-56.1	99.9	283.2	14.5	14.1	-3.3	419.4	999.9	99.9	999.9	51.8	132.
63.6	142.7	17968.3	75.0	-54.1	99.9	245.1	5.2	4.8	2.2	459.5	999.9	99.9	999.9	53.8	129.
72.7	153.0	20551.2	50.0	-53.8	99.9	42.4	5.8	-3.9	-4.3	516.7	999.9	99.9	999.9	55.5	129.
86.2	164.5	25025.1	25.0	-52.8	99.9	14.7	4.6	-1.1	-4.5	632.9	999.9	99.9	999.9	56.9	132.

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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 662
RAPID CITY, S D

25 APRIL 1975
1115 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GFN	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	966.0	899.8	4.4	4.0	140.0	7.2	-4.6	5.5	286.8	301.6	5.7	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	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.
0.7	17.1	1194.0	875.0	4.4	4.3	183.5	9.7	0.6	9.7	289.2	304.9	6.0	99.2	0.4	337.
1.7	19.5	1430.5	850.0	5.0	-2.9	156.9	15.3	-6.0	14.1	291.8	301.8	3.6	56.8	1.1	343.
2.5	21.7	1675.7	825.0	7.5	-3.1	166.0	17.4	-4.2	16.9	297.0	307.4	3.7	46.7	1.9	341.
3.3	24.1	1929.1	800.0	7.5	-10.2	174.1	17.6	-1.8	17.5	299.5	305.9	2.2	27.2	2.8	344.
4.4	26.4	2190.1	775.0	7.1	-12.2	183.2	19.4	1.1	19.4	301.7	307.6	2.0	24.5	3.9	348.
5.4	29.0	2456.2	750.0	6.2	-11.2	189.1	20.0	3.2	19.7	303.6	310.0	2.2	27.5	5.1	353.
6.6	31.7	2736.2	725.0	4.5	-14.5	195.2	18.5	4.9	17.8	304.6	309.8	1.7	23.6	6.4	357.
7.6	34.3	3020.9	700.0	2.2	-14.2	196.9	17.2	5.0	16.5	305.2	310.7	1.8	28.3	7.4	360.
8.5	36.9	3313.5	675.0	0.7	-13.0	203.1	15.5	6.1	14.2	306.7	313.0	2.1	34.7	8.3	1.
9.5	39.7	3614.9	650.0	-2.2	-12.8	217.9	12.9	7.9	10.2	306.7	313.4	2.2	44.1	9.3	4.
10.6	42.3	3925.3	625.0	-4.7	-13.8	231.0	10.4	8.1	6.5	307.3	313.7	2.1	48.9	9.6	8.
11.9	45.3	4244.5	600.0	-8.0	-14.8	225.4	9.6	6.8	6.8	307.0	313.2	2.0	58.2	10.2	10.
13.2	48.3	4573.5	575.0	-11.2	-16.8	217.1	9.5	5.7	7.6	307.0	312.5	1.8	63.2	10.8	12.
14.5	51.3	4912.8	550.0	-14.4	-19.6	217.9	10.2	6.3	8.1	307.2	311.8	1.5	64.3	11.5	14.
15.7	54.4	5264.4	525.0	-15.8	-42.2	216.4	14.5	8.6	11.7	309.4	310.0	0.2	8.2	12.3	15.
16.8	57.4	5630.2	500.0	-18.7	-44.1	217.8	15.5	9.5	12.2	310.2	310.8	0.1	8.5	13.2	17.
18.1	60.8	6010.3	475.0	-21.1	-45.7	222.9	18.4	12.5	13.5	311.9	312.3	0.1	8.8	14.5	19.
19.3	64.3	6408.4	450.0	-22.6	-46.4	229.5	19.6	14.9	12.7	314.7	315.2	0.1	9.4	15.6	21.
20.6	67.7	6824.9	425.0	-26.1	-41.9	234.2	19.1	15.5	11.1	315.5	316.3	0.2	20.9	17.0	24.
22.0	71.2	7260.3	400.0	-29.4	-48.8	236.1	21.4	17.8	12.0	316.7	317.1	0.1	13.2	18.5	27.
23.6	75.0	7717.1	375.0	-33.1	-51.6	241.8	23.0	20.3	10.9	317.8	318.1	0.1	13.5	20.3	30.
25.3	79.2	8158.1	350.0	-37.2	-54.7	242.6	25.5	22.6	11.7	318.5	318.8	0.1	14.0	22.3	33.
27.0	83.2	8705.7	325.0	-41.6	99.9	243.4	26.5	23.7	11.9	319.4	999.9	99.9	999.9	24.8	36.
29.0	87.4	9243.0	300.0	-46.6	99.9	245.2	30.4	27.6	12.7	319.6	999.9	99.9	999.9	28.0	40.
31.1	92.2	9814.4	275.0	-51.5	99.9	242.9	31.6	28.1	14.4	320.7	999.9	99.9	999.9	31.4	43.
33.7	96.9	10427.3	250.0	-55.3	99.9	242.4	37.2	32.9	17.2	323.9	999.9	99.9	999.9	36.7	45.
36.2	102.0	11095.6	225.0	-57.6	99.9	257.7	45.2	44.1	9.6	330.3	999.9	99.9	999.9	42.8	49.
39.4	107.8	11831.4	200.0	-62.1	99.9	264.5	35.8	35.7	3.4	334.4	999.9	99.9	999.9	47.3	53.
40.8	113.5	12653.0	175.0	-63.4	99.9	234.2	28.7	23.3	16.8	345.4	999.9	99.9	999.9	51.3	54.
44.1	120.3	13617.7	150.0	-58.5	99.9	249.2	27.3	25.5	9.7	369.3	999.9	99.9	999.9	57.2	55.
47.9	127.5	14763.8	125.0	-59.5	99.9	260.4	20.6	20.3	3.8	387.3	999.9	99.9	999.9	61.3	57.
52.7	135.7	16162.0	100.0	-56.9	99.9	256.9	21.1	20.6	4.8	417.8	999.9	99.9	999.9	66.8	58.
58.7	143.7	17983.2	75.0	-54.8	99.9	257.6	9.6	9.4	2.1	458.1	999.9	99.9	999.9	70.9	61.
67.0	152.3	20593.7	50.0	-54.9	99.9	353.7	2.3	0.2	-2.2	514.2	999.9	99.9	999.9	72.0	62.
78.8	161.3	25065.0	25.0	-52.2	99.9	319.4	3.0	1.9	-2.3	635.0	999.9	99.9	999.9	72.8	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. 11001
MARSHALL SPACE FLIGHT CENTER

25 APRIL 1975
1123 GMT

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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	994.0	21.4	18.2	200.0	5.7	1.9	5.4	296.9	331.9	13.4	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	99.9	99.9	99.9	999.9	999.9
0.4	7.8	347.3	975.0	19.6	17.7	212.4	15.9	8.5	13.4	296.7	331.2	13.2	88.5	0.3	29.
1.5	9.9	571.3	950.0	18.0	17.1	222.9	21.0	14.3	15.3	297.2	331.4	13.0	93.9	1.3	35.
2.2	11.8	800.1	925.0	16.6	15.8	231.5	23.5	18.4	14.6	297.9	330.4	12.3	95.3	2.3	40.
3.0	13.9	1033.6	900.0	15.0	14.2	237.6	25.3	21.3	13.6	298.4	328.7	11.4	95.0	3.4	45.
3.8	15.9	1272.4	875.0	13.9	13.1	241.8	25.5	22.5	12.0	299.7	328.8	10.9	94.9	4.6	49.
4.7	18.1	1516.9	850.0	12.1	10.9	247.4	27.7	25.6	10.6	300.1	326.5	9.8	92.6	5.1	53.
5.6	20.2	1766.5	825.0	10.8	5.6	252.9	23.9	22.8	7.0	300.9	320.0	6.9	70.1	7.4	56.
6.6	22.4	2023.3	800.0	10.1	5.0	259.0	27.5	27.0	5.2	302.8	321.9	6.9	70.8	8.8	60.
7.7	24.7	2257.0	775.0	8.1	6.0	255.2	26.6	25.7	6.8	303.5	324.7	7.6	86.8	10.4	62.
8.6	26.8	2557.5	750.0	6.0	5.0	255.3	26.5	25.6	6.7	304.1	324.5	7.4	93.3	11.9	64.
9.6	29.2	2834.5	725.0	3.7	2.7	256.5	27.2	26.4	6.4	304.3	322.4	6.4	93.2	13.3	65.
10.6	31.7	3119.4	700.0	2.1	0.9	253.9	30.1	28.9	8.3	305.6	322.3	5.9	91.5	15.2	67.
11.8	34.2	3412.5	675.0	-0.1	-1.1	251.4	30.5*	28.9	9.7	306.2	321.2	5.2	92.7	17.3	67.
13.1	36.6	3714.1	650.0	-2.1	-3.1	250.0	35.6*	33.5	12.2	307.2	320.7	4.7	92.9	19.9	68.
14.4	39.2	4024.5	625.0	-4.7	-17.0	244.8	34.5*	31.2	14.7	307.3	312.2	1.6	37.5	22.7	68.
15.6	41.7	4345.8	600.0	-4.8	-17.7	238.9	32.1*	27.5	16.6	310.7	315.7	1.6	35.5	25.2	67.
16.9	44.4	4678.8	575.0	-7.5	-35.6	235.4	30.4*	25.0	17.3	311.2	312.3	0.3	8.6	27.5	66.
18.1	47.3	5022.9	550.0	-10.7	-21.8	234.5	30.5*	24.8	17.7	311.5	315.4	1.2	40.0	29.7	65.
19.2	50.2	5379.5	525.0	-12.3	-19.1	237.1	34.7*	29.1	18.8	313.7	318.8	1.6	56.9	31.6	65.
20.3	53.1	5750.4	500.0	-15.3	-21.4	235.7	36.2*	29.9	20.4	314.5	319.0	1.4	59.4	34.2	64.
21.7	56.0	6136.8	475.0	-16.9	-23.4	237.9	33.3*	28.2	17.7	317.2	321.2	1.2	56.5	37.0	63.
23.6	59.3	6540.8	450.0	-19.5	-24.4	247.2	37.0*	34.1	14.4	318.8	322.6	1.2	65.1	40.9	64.
25.2	62.6	6964.1	425.0	-21.2	-38.9	254.7	29.8*	28.8	7.9	321.7	322.9	0.3	19.1	44.0	64.
26.7	66.0	7408.4	400.0	-24.6	-34.5	255.6	42.4*	41.1	10.5	323.0	324.7	0.5	39.0	46.5	65.
27.8	69.7	7875.2	375.0	-28.0	-34.9	263.8	37.1*	36.9	4.0	324.5	326.3	0.5	51.7	50.1	66.
29.1	73.3	8367.6	350.0	-31.3	-38.0	270.3	37.9*	37.9	-0.2	326.5	327.9	0.4	51.2	52.1	67.
30.6	77.3	8888.3	325.0	-35.7	-42.4	277.9	32.5*	32.2	-4.5	327.4	328.4	0.3	49.8	54.7	68.
32.4	81.4	9439.3	300.0	-40.4	99.9	276.6	31.3*	31.1	-3.6	328.4	999.9	99.9	999.9	58.4	70.
34.3	85.8	10026.7	275.0	-45.1	99.9	273.3	22.7*	22.6	-1.3	330.0	999.9	99.9	999.9	60.9	71.
36.6	90.6	10656.3	250.0	-50.2	99.9	271.4	14.3*	14.3	-0.3	331.5	999.9	99.9	999.9	63.1	72.
38.9	95.7	11335.2	225.0	-56.1	99.9	264.3	21.2*	21.1	2.1	332.6	999.9	99.9	999.9	65.6	72.
41.2	101.0	12072.4	200.0	-62.7	99.9	272.2	22.7*	22.7	-0.9	333.5	999.9	99.9	999.9	69.4	73.
43.9	107.5	12882.4	175.0	-69.0	99.9	257.6	34.2*	33.4	7.4	336.1	999.9	99.9	999.9	73.1	74.
46.8	114.3	13809.9	150.0	-65.2	99.9	301.5	16.7*	14.2	-8.7	357.7	999.9	99.9	999.9	76.5	75.
50.2	122.0	14934.7	125.0	-63.8	99.9	286.8	24.2*	23.2	-7.0	379.5	999.9	99.9	999.9	82.8	77.
54.4	130.7	16304.0	100.0	-63.3	99.9	285.0	14.5*	14.0	-3.7	405.5	999.9	99.9	999.9	86.4	78.
59.9	140.3	18045.9	75.0	-66.4	99.9	258.7	2.7	2.7	0.5	433.7	999.9	99.9	999.9	89.7	79.
67.2	151.0	20155.8	50.0	-63.4	99.9	253.7	28.6	27.4	8.0	494.1	999.9	99.9	999.9	91.3	79.
78.1	162.0	24895.3	25.0	-52.7	99.9	63.0	17.5	-15.6	-7.9	633.1	999.9	99.9	999.9	89.1	80.

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

APPENDIX B

**WIND DATA FOR WALLOPS ISLAND, VIRGINIA
AND FORT TOTTEN, NEW YORK**

These data were computed by the National Weather Service using a scheme different from that used in the AVE reduction process.

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APPENDIX B.

Wind Data for Wallops Island, Virginia
and Fort Totten, New York

These data were computed by the
National Weather Service using a
scheme different from that used in
the AVE reduction process.

423

Wallops Island, Virginia
April 24, 1975 at 1415 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
1.00	16.0	235	50.00	29.3	287
2.00	17.8	234	51.00	35.3	287
3.00	18.1	235	52.00	32.0	277
4.00	20.9	246	53.00	30.3	285
5.00	18.7	257	54.00	29.9	293
6.00	14.6	266	55.00	25.8	295
7.00	12.5	273	56.00	23.8	291
8.00	12.1	263	57.00	22.9	291
9.00	12.7	253	58.00	22.2	291
10.00	13.0	252	59.00	19.2	295
11.00	13.7	257	60.00	13.9	319
12.00	14.6	265	61.00	13.1	3
13.00	17.3	270	62.00	16.7	291
14.00	19.2	271	63.00	18.8	302
15.00	19.7	272	64.00	11.3	312
16.00	17.0	271	65.00	11.1	314
17.00	19.3	269	66.00	11.6	326
18.00	18.9	269	67.00	5.0	346
19.00	15.4	268	68.00	5.8	357
20.00	14.5	270	69.00	6.8	333
21.00	16.5	277	70.00	2.2	336
22.00	14.5	280	71.00	5.4	351
23.00	13.2	285	72.00	5.9	1
24.00	13.9	289	73.00	3.4	342
25.00	12.0	289	74.00	3.7	352
26.00	12.8	285	75.00	2.8	68
27.00	14.1	283	76.00	4.1	328
28.00	12.7	290	77.00	3.2	35
29.00	20.9	282	78.00	2.3	327
30.00	26.2	282	79.00	5.2	29
31.00	22.7	290	80.00	3.9	64
32.00	20.0	297	81.00	3.9	90
33.00	22.9	291	82.00	3.7	122
34.00	24.5	290	83.00	3.6	59
35.00	26.4	293	84.00	2.2	59
36.00	28.6	296	85.00	5.6	337
37.00	30.2	299	86.00	4.9	99
38.00	31.4	303	87.00	1.1	90
39.00	33.6	309	88.00	3.4	92
40.00	35.7	311	89.00	1.7	161
41.00	35.4	310	90.00	3.9	208
42.00	32.2	310	91.00	4.6	286
43.00	29.7	317	92.00	1.5	322
44.00	25.3	324	93.00	2.3	357
45.00	20.4	326	94.00	5.6	359
46.00	19.3	301	95.00	4.7	10
47.00	16.9	304	96.00	3.0	52
48.00	21.8	296	97.00	2.1	105
49.00	27.1	293			

Wallops Island, Virginia
 April 24, 1975 at 1715 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
1.00	17.7	232	42.00	26.9	279
2.00	17.5	237	43.00	32.5	286
3.00	18.1	249	44.00	38.7	276
4.00	16.8	248	45.00	41.6	278
5.00	15.6	250	46.00	36.4	292
6.00	16.1	247	47.00	23.5	306
7.00	15.7	245	48.00	16.6	304
8.00	15.1	241	49.00	17.9	293
9.00	16.7	250	50.00	18.6	285
10.00	19.5	258	51.00	18.8	287
11.00	20.3	259	52.00	15.2	298
12.00	22.7	262	53.00	13.9	300
13.00	23.6	265	54.00	15.3	308
14.00	24.9	271	55.00	7.5	315
15.00	26.6	277	56.00	6.9	314
16.00	25.6	284	57.00	6.1	344
17.00	19.7	285	58.00	1.6	11
18.00	16.9	278	59.00	3.2	303
19.00	15.7	275	60.00	1.9	288
20.00	14.0	275	61.00	5.5	351
21.00	15.1	280	62.00	4.1	10
22.00	16.5	280	63.00	3.1	328
23.00	19.6	275	64.00	3.3	349
24.00	17.3	277	65.00	1.6	11
25.00	18.7	278	66.00	3.4	25
26.00	18.9	285	67.00	2.1	251
27.00	18.1	288	68.00	0.4	22
28.00	18.9	290	69.00	1.3	82
29.00	20.3	296	70.00	1.4	72
30.00	20.3	302	71.00	0.8	289
31.00	22.9	311	72.00	2.1	111
32.00	28.0	312	73.00	1.5	321
33.00	29.5	313	74.00	4.7	338
34.00	30.6	314	75.00	5.4	45
35.00	33.7	312	76.00	0.8	158
36.00	32.8	315	77.00	1.3	45
37.00	23.5	319	78.00	1.0	127
38.00	15.0	313	79.00	3.0	319
39.00	13.5	282	80.00	4.7	335
40.00	21.8	279	81.00	1.9	324
41.00	24.4	286	82.00	2.7	325

Wallops Island, Virginia
April 24, 1975 at 2055 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
1.00	16.5	218	52.00	28.7	286
2.00	18.1	214	53.00	26.2	290
3.00	19.0	217	54.00	30.5	287
4.00	19.2	225	55.00	30.1	282
5.00	23.4	226	56.00	33.1	286
6.00	23.2	232	57.00	29.9	291
7.00	24.3	246	58.00	25.8	284
8.00	22.4	252	59.00	24.0	279
9.00	20.3	248	60.00	26.3	299
10.00	19.8	244	61.00	11.1	295
11.00	19.5	247	62.00	13.8	288
12.00	19.3	249	63.00	14.0	297
13.00	18.7	252	64.00	11.4	322
14.00	17.7	255	65.00	8.5	341
15.00	19.8	268	66.00	9.4	332
16.00	21.8	274	67.00	6.4	329
17.00	22.7	277	68.00	5.2	345
18.00	26.6	276	69.00	4.2	312
19.00	26.0	275	70.00	3.2	316
20.00	27.2	279	71.00	6.9	303
21.00	26.5	282	72.00	6.3	303
22.00	27.3	278	73.00	3.6	12
23.00	27.5	277	74.00	2.7	14
24.00	23.8	271	75.00	1.7	312
25.00	24.2	276	76.00	3.1	332
26.00	23.6	275	77.00	1.8	329
27.00	22.1	270	78.00	3.1	345
28.00	22.8	264	79.00	5.6	31
29.00	22.0	263	80.00	3.4	8
30.00	21.3	259	81.00	2.7	17
31.00	21.1	253	82.00	3.7	90
32.00	21.2	253	83.00	2.8	290
33.00	20.8	258	84.00	3.0	309
34.00	19.1	256	85.00	6.4	322
35.00	18.6	263	86.00	2.9	329
36.00	18.3	265	87.00	1.9	10
37.00	17.0	267	88.00	6.2	353
38.00	19.8	277	89.00	5.4	60
39.00	23.1	287	90.00	1.0	189
40.00	24.4	293	91.00	2.9	12
41.00	24.6	296	92.00	3.2	304
42.00	24.4	298	93.00	7.1	326
43.00	26.0	298	94.00	6.3	339
44.00	28.4	296	95.00	8.3	354
45.00	29.5	297	96.00	4.3	84
46.00	32.6	298	97.00	5.7	331
47.00	30.4	300	98.00	0.6	140
48.00	21.1	303	99.00	5.3	319
49.00	17.6	288	100.00	2.6	294
50.00	21.1	283	101.00	7.3	276
51.00	27.2	281	102.00	2.1	268

Wallops Island, Virginia
 April 25, 1975 at 0515 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
1.00	18.4	243	49.00	24.0	279
2.00	17.1	246	50.00	18.8	274
3.00	16.3	256	51.00	23.5	276
4.00	19.7	250	52.00	21.6	284
5.00	24.2	252	53.00	28.1	287
6.00	24.6	262	54.00	27.6	292
7.00	22.0	271	55.00	21.9	294
8.00	21.9	277	56.00	16.1	282
9.00	20.3	273	57.00	19.0	272
10.00	18.6	267	58.00	19.6	276
11.00	18.3	267	59.00	21.1	286
12.00	18.2	271	60.00	14.4	280
13.00	17.5	273	61.00	10.6	272
14.00	17.8	271	62.00	10.6	241
15.00	17.1	271	63.00	9.8	237
16.00	17.7	273	64.00	5.2	242
17.00	17.5	271	65.00	1.9	216
18.00	17.6	264	66.00	5.6	237
19.00	17.5	265	67.00	7.2	278
20.00	16.2	272	68.00	4.3	279
21.00	15.8	264	69.00	7.6	311
22.00	16.3	266	70.00	6.3	332
23.00	19.7	269	71.00	4.9	24
24.00	21.1	272	72.00	3.1	57
25.00	22.1	280	73.00	2.1	287
26.00	22.8	286	74.00	5.3	304
27.00	23.8	286	75.00	4.3	336
28.00	22.7	284	76.00	2.6	13
29.00	23.3	277	77.00	3.7	23
30.00	24.6	270	78.00	4.4	42
31.00	23.9	262	79.00	3.3	82
32.00	25.2	259	80.00	4.6	54
33.00	26.9	258	81.00	3.7	81
34.00	27.4	258	82.00	2.0	101
35.00	26.4	257	83.00	4.8	100
36.00	25.6	256	84.00	4.3	87
37.00	25.4	256	85.00	4.2	88
38.00	24.2	255	86.00	3.8	94
39.00	26.3	253	87.00	3.9	68
40.00	27.2	255	88.00	2.7	78
41.00	26.8	251	89.00	3.9	113
42.00	26.4	256	90.00	2.2	22
43.00	26.3	263	91.00	6.1	24
44.00	26.4	265	92.00	5.0	56
45.00	25.3	262	93.00	4.4	69
46.00	24.0	273	94.00	3.9	102
47.00	28.5	282	95.00	2.7	97
48.00	27.2	279	96.00	0.2	90

Wallops Island, Virginia
April 25, 1975 at 0515 GMT (Continued)

Time (min)	Wind Speed (mps)	Wind Direction (deg)
97.00	3.6	304
98.00	3.4	316
99.00	4.5	305
100.00	3.5	326
101.00	4.8	341
102.00	6.0	332
103.00	7.3	345
104.00	10.1	20
105.00	6.7	68
106.00	0.8	164
107.00	2.9	269
108.00	7.1	301

Ft. Totten, N. Y.
April 23, 1975 at 2315 GMT

Time (mån)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	10.8	206	42.00	44.4	308
.50	11.1	145	43.00	35.5	311
.75	20.7	149	44.00	32.2	318
1.00	7.4	142	45.00	28.7	298
1.25	3.0	83	46.00	36.1	308
1.50	8.7	159	47.00	34.3	307
1.75	7.8	188	48.00	28.3	303
2.00	9.0	183	49.00	30.9	301
2.25	9.4	178	50.00	34.7	308
2.50	10.5	171	51.00	28.3	310
2.75	9.7	189	52.00	26.5	310
3.00	8.3	192	53.00	27.3	307
4.00	7.5	253	54.00	29.7	312
5.00	20.5	314	55.00	28.4	320
6.00	30.6	198	56.00	28.8	316
7.00	23.1	228	57.00	22.0	331
8.00	11.5	262	58.00	19.7	328
9.00	13.1	273	59.00	16.5	328
10.00	13.1	282	60.00	12.6	311
11.00	12.8	287	61.00	10.1	297
12.00	12.4	291	62.00	8.0	312
13.00	13.6	296	63.00	17.0	325
14.00	17.4	290	64.00	3.5	187
15.00	18.2	290	65.00	13.9	328
16.00	17.3	289	66.00	3.5	150
17.00	17.9	293	67.00	5.4	315
18.00	15.8	295	68.00	6.5	300
19.00	18.3	288	69.00	4.8	287
20.00	18.5	282	70.00	5.5	325
21.00	18.2	287	71.00	3.9	105
22.00	19.0	284	72.00	7.8	327
23.00	22.0	280	73.00	.5	314
24.00	22.6	277	74.00	4.8	315
25.00	23.5	276	75.00	11.0	328
26.00	24.5	277	76.00	6.6	3
27.00	27.5	290	77.00	33.4	126
28.00	31.9	295	78.00	2.9	3
29.00	33.3	297	79.00	5.0	352
30.00	33.4	300	80.00	1.3	78
31.00	33.4	303	81.00	16.6	320
32.00	30.2	300	82.00	1.7	311
33.00	34.7	301	83.00	5.4	102
34.00	35.6	304	84.00	11.0	336
35.00	37.4	307	85.00	4.6	267
36.00	40.6	306	86.00	5.8	343
37.00	43.5	303	87.00	15.4	145
38.00	42.9	302	88.00	15.6	330
39.00	46.7	306	89.00	8.7	317
40.00	46.8	306	90.00	11.9	316
41.00	46.8	307	91.00	11.5	323

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Ft. Totten, N. Y.
April 23, 1975 at 2315 GMT (Continued)

Time (min)	Wind Speed (mps)	Wind Direction (deg)
92.00	26.5	162
93.00	14.8	252
94.00	32.6	194
95.00	23.7	165
96.00	33.4	126
97.00	26.5	162

Ft. Totten, N. Y.
April 24, 1975 at 0515 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	4.0	87	32.00	45.9	179
.50	8.8	117	33.00	55.5	174
.75	10.8	126	34.00	55.3	178
1.00	8.2	121	35.00	50.9	180
1.25	9.5	126	36.00	60.6	176
1.50	9.8	151	37.00	58.3	179
1.75	8.9	163	38.00	74.3	176
2.00	11.1	176	39.00	76.7	171
2.25	13.5	184	40.00	49.1	186
2.50	15.3	186	41.00	44.5	180
2.75	13.4	192	42.00	34.5	184
3.00	15.6	199	43.00	15.1	200
4.00	17.6	203	44.00	27.8	180
5.00	18.4	214	45.00	57.6	171
6.00	17.9	225	46.00	51.1	175
7.00	19.1	228	47.00	22.4	191
8.00	18.7	232	48.00	13.0	201
9.00	19.3	228	49.00	43.3	172
10.00	19.7	221	50.00	62.2	161
11.00	20.1	218	51.00	57.6	159
12.00	20.1	214	52.00	54.3	164
13.00	19.4	228	53.00	52.7	166
14.00	20.7	225	54.00	33.0	175
15.00	21.5	222			
16.00	23.5	232			
17.00	23.8	230			
18.00	24.6	241			
19.00	26.8	245			
20.00	25.0	245			
21.00	28.2	277			
22.00	19.0	249			
23.00	25.3	286			
24.00	17.7	244			
25.00	20.9	224			
26.00	24.1	265			
27.00	41.3	295			
28.00	21.5	222			
29.00	51.7	169			
30.00	47.7	174			
31.00	46.9	175			

Ft. Totten, N. Y.
April 24, 1975 at 1115 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	6.7	169	41.00	41.4	315
.50	7.6	238	42.00	31.1	311
.75	9.2	245	43.00	25.9	302
1.00	11.8	249	44.00	27.2	294
1.25	14.4	252	45.00	27.2	285
1.50	16.9	259	46.00	34.0	284
1.75	17.6	262	47.00	36.3	290
2.00	17.7	267	48.00	32.9	296
2.25	17.6	267	49.00	26.5	292
2.50	17.8	272	50.00	29.2	293
2.75	19.1	274	51.00	25.8	303
3.00	19.8	278	52.00	17.7	285
4.00	18.8	272	53.00	22.7	286
5.00	18.9	275	54.00	21.0	283
6.00	16.9	277	55.00	25.1	287
7.00	17.9	274	56.00	23.3	288
8.00	21.0	272	57.00	21.1	293
9.00	21.3	269	58.00	14.9	307
10.00	18.1	273	59.00	8.1	297
11.00	15.6	275	60.00	12.3	298
12.00	14.4	275	61.00	10.7	309
13.00	14.9	279	62.00	12.1	325
14.00	14.9	287	63.00	6.1	353
15.00	15.7	284	64.00	5.2	326
16.00	16.9	282	65.00	4.2	309
17.00	15.6	273	66.00	6.8	307
18.00	18.1	274	67.00	6.8	316
19.00	19.1	286	68.00	1.7	358
20.00	21.5	289	69.00	1.8	30
21.00	23.0	283	70.00	3.5	333
22.00	23.8	279	71.00	4.2	332
23.00	22.4	276	72.00	5.0	360
24.00	21.8	278	73.00	2.8	43
25.00	21.0	280	74.00	2.1	70
26.00	22.4	294	75.00	7.7	339
27.00	25.5	285	76.00	4.8	71
28.00	31.2	285	77.00	4.6	75
29.00	31.5	285	78.00	3.0	89
30.00	30.6	284	79.00	2.2	111
31.00	30.9	285	80.00	4.5	338
32.00	31.2	288	81.00	2.8	69
33.00	32.9	285	82.00	4.4	316
34.00	34.9	290	83.00	1.8	74
35.00	37.5	296	84.00	1.7	41
36.00	39.5	294	85.00	3.6	24
37.00	44.1	298	86.00	4.2	359
38.00	48.3	302	87.00	5.8	337
39.00	51.5	307	88.00	4.4	316
40.00	54.1	312	89.00	7.9	304

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Ft. Totten, N. Y.
April 24, 1975 at 1415 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	4.4	237	42.00	37.4	305
.50	4.5	222	43.00	26.0	282
.75	5.7	212	44.00	25.6	269
1.00	9.8	223	45.00	24.2	254
1.25	9.5	231	46.00	24.5	252
1.50	10.4	237	47.00	27.8	267
1.75	11.2	245	48.00	34.7	286
2.00	13.8	248	49.00	36.1	292
2.25	14.7	257	50.00	33.2	291
2.50	14.7	253	51.00	31.4	290
2.75	14.6	247	52.00	29.5	299
3.00	13.2	249	53.00	23.9	299
4.00	15.0	261	54.00	21.1	284
5.00	15.8	272	55.00	24.1	285
6.00	16.1	282	56.00	23.1	295
7.00	17.8	278	57.00	21.5	309
8.00	18.9	272	58.00	23.0	291
9.00	18.2	268	59.00	18.0	293
10.00	18.6	265	60.00	10.5	304
11.00	18.3	268	61.00	7.9	327
12.00	17.0	259	62.00	12.1	302
13.00	17.0	255	63.00	5.9	306
14.00	16.7	251	64.00	5.7	296
15.00	17.1	243	65.00	4.7	277
16.00	17.0	247	66.00	6.1	275
17.00	18.0	257	67.00	7.7	287
18.00	19.9	260	68.00	7.8	329
19.00	19.5	260	69.00	6.7	16
20.00	22.9	262	70.00	3.1	355
21.00	25.5	261	71.00	.5	99
22.00	25.6	260	72.00	3.1	354
23.00	26.2	263	73.00	4.8	25
24.00	26.9	267	74.00	5.1	29
25.00	27.8	266	75.00	2.2	291
26.00	30.1	266	76.00	2.4	32
27.00	32.1	268	77.00	2.1	63
28.00	32.9	272	78.00	3.4	57
29.00	33.1	275	79.00	6.6	117
30.00	33.5	278	80.00	7.9	161
31.00	35.8	281	81.00	22.0	1
32.00	37.4	282	82.00	45.1	351
33.00	38.5	284	83.00	3.6	25
34.00	40.3	287	84.00	2.9	50
35.00	40.8	293	85.00	1.6	52
36.00	41.5	299	86.00	2.0	24
37.00	42.5	301	87.00	3.3	58
38.00	45.5	303	88.00	3.1	102
39.00	48.2	305	89.00	20.6	66
40.00	49.5	307	90.00	7.9	63
41.00	48.1	311	91.00	.9	222

Ft. Totten, N. Y.
April 24, 1975 at 1415 GMT (Continued)

Time (min)	Wind Speed (mps)	Wind Direction (deg)
92.00	3.3	304
93.00	5.5	341
94.00	5.0	5
95.00	1.7	210
96.00	.1	78

Ft. Totten, N. Y.
April 24, 1975 at 1715 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	5.7	212	33.00	39.1	301
.50	7.8	210	34.00	42.4	299
.75	8.2	222	35.00	46.9	298
1.00	10.1	223	36.00	47.6	298
1.25	11.9	221	37.00	50.0	297
1.50	13.4	223	38.00	53.4	297
1.75	13.5	233	39.00	50.0	295
2.00	13.5	238	40.00	48.5	297
2.25	15.6	225	41.00	42.1	304
2.50	15.1	237	42.00	37.8	308
2.75	16.8	231	43.00	33.5	299
3.00	17.9	235	44.00	27.7	284
4.00	17.1	235	45.00	20.7	271
5.00	15.9	241	46.00	24.1	268
6.00	15.5	245	47.00	32.1	273
7.00	19.3	248	48.00	39.6	286
8.00	21.0	245	49.00	39.7	292
9.00	22.1	244	50.00	33.2	303
10.00	23.5	248	51.00	22.9	307
11.00	24.2	253	52.00	21.4	302
12.00	23.8	257	53.00	22.5	284
13.00	23.7	267	54.00	26.1	293
14.00	26.1	271	55.00	22.5	294
15.00	27.5	268	56.00	22.1	291
16.00	29.2	266	57.00	18.6	296
17.00	29.7	266	58.00	10.4	302
18.00	30.1	267	59.00	6.8	316
19.00	30.6	264	60.00	9.7	310
20.00	30.6	265	61.00	9.5	301
21.00	29.6	264	62.00	8.5	301
22.00	30.0	265	63.00	5.3	297
23.00	29.2	264	64.00	7.7	314
24.00	28.3	267	65.00	3.7	11
25.00	29.0	274	66.00	1.9	109
26.00	29.6	274	67.00	1.7	265
27.00	28.4	279	68.00	1.6	318
28.00	29.0	286	69.00	1.4	20
29.00	30.4	291	70.00	4.1	314
30.00	32.1	291	71.00	9.6	299
31.00	32.5	297			
32.00	34.7	300			

Ft. Totten, N. Y.
April 24, 1975 at 2015 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	6.5	166	42.00	45.3	288
.50	7.4	217	43.00	41.3	295
.75	10.5	212	44.00	37.8	300
1.00	11.8	225	45.00	31.2	301
1.25	12.8	234	46.00	28.5	288
1.50	13.8	222	47.00	27.8	286
1.75	14.8	229	48.00	24.9	279
2.00	16.3	230	49.00	27.5	275
2.25	17.1	233	50.00	31.4	281
2.50	18.9	234	51.00	33.8	284
2.75	19.2	234	52.00	34.3	293
3.00	20.4	232	53.00	34.3	300
4.00	18.7	240	54.00	25.3	306
5.00	19.2	244	55.00	19.7	303
6.00	19.8	254	56.00	20.8	295
7.00	20.1	264	57.00	22.0	294
8.00	20.2	264	58.00	20.1	288
9.00	19.9	266	59.00	22.8	295
10.00	21.4	268	60.00	22.9	303
11.00	22.6	272	61.00	16.4	306
12.00	24.1	273	62.00	12.3	310
13.00	24.8	273	63.00	11.2	313
14.00	26.0	267	64.00	10.3	313
15.00	26.3	264	65.00	6.5	336
16.00	28.4	266	66.00	3.8	313
17.00	30.8	266	67.00	5.6	330
18.00	29.2	265	68.00	5.7	3
19.00	26.8	267	69.00	2.0	104
20.00	27.9	271	70.00	3.0	314
21.00	28.7	268	71.00	2.6	330
22.00	28.8	271	72.00	2.0	82
23.00	28.0	267	73.00	1.9	180
24.00	27.2	265	74.00	3.6	339
25.00	27.9	266	75.00	2.1	12
26.00	27.5	274	76.00	.7	38
27.00	26.2	278	77.00	3.0	6
28.00	26.3	281	78.00	1.8	358
29.00	27.4	283	79.00	2.1	313
30.00	27.5	283	80.00	3.3	21
31.00	29.3	287	81.00	5.1	32
32.00	35.4	289	82.00	5.6	31
33.00	38.4	282	83.00	3.9	62
34.00	39.7	279	84.00	2.0	37
35.00	40.2	279	85.00	1.3	15
36.00	40.0	283	86.00	2.2	55
37.00	39.0	284	87.00	2.7	166
38.00	38.9	285	88.00	4.2	271
39.00	39.8	287	89.00	2.3	289
40.00	40.9	285	90.00	1.9	322
41.00	43.7	286	91.00	3.2	32
			92.00	3.9	336

Ft. Totten, N. Y.
April 24, 1975 at 2359 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	74.3	295	41.00	33.6	279
.50	44.7	250	42.00	35.2	279
.75	42.1	254	43.00	30.3	284
1.00	43.0	251	44.00	32.8	284
1.25	41.3	248	45.00	35.1	284
1.50	41.2	253	46.00	30.9	282
1.75	44.2	250	47.00	31.2	281
2.00	43.2	249	48.00	30.8	276
2.25	44.0	246	49.00	29.7	269
2.50	42.2	248	50.00	28.9	278
2.75	40.1	252	51.00	28.6	277
3.00	47.3	247	52.00	29.4	277
4.00	45.3	247	53.00	26.8	282
5.00	52.5	246	54.00	22.7	295
6.00	54.9	244	55.00	22.2	300
7.00	50.4	242	56.00	19.7	311
8.00	47.2	240	57.00	19.5	322
9.00	39.5	242	58.00	17.9	347
10.00	41.3	245	59.00	11.9	353
11.00	47.7	250	60.00	9.8	314
12.00	43.3	255	61.00	9.5	335
13.00	33.4	257	62.00	10.8	7
14.00	32.0	256	63.00	5.1	355
15.00	29.7	254	64.00	4.8	259
16.00	27.6	256	65.00	4.9	308
17.00	20.8	263	66.00	5.0	273
18.00	17.8	263	67.00	7.9	309
19.00	20.1	271	68.00	7.8	237
20.00	18.7	278	69.00	25.2	245
21.00	18.2	281	70.00	24.6	251
22.00	25.0	269	71.00	19.2	250
23.00	27.5	267	72.00	17.4	245
24.00	28.2	274	73.00	18.0	254
25.00	35.1	272	74.00	17.8	250
26.00	37.7	272	75.00	24.8	253
27.00	35.4	280	76.00	26.9	254
28.00	40.0	284	77.00	22.1	255
29.00	35.8	281	78.00	14.0	243
30.00	37.3	284	79.00	16.0	253
31.00	38.3	286	80.00	11.1	254
32.00	40.0	284	81.00	6.3	269
33.00	42.6	276	82.00	3.7	291
34.00	46.0	274	83.00	3.5	213
35.00	45.0	266	84.00	7.3	243
36.00	43.6	265	85.00	12.1	258
37.00	35.4	262	86.00	9.4	260
38.00	33.0	274	87.00	8.6	267
39.00	33.9	276	88.00	3.4	267
40.00	34.0	285			

Ft. Totten, N. Y.
April 25, 1975 at 0515 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	12.6	231	42.00	41.5	255
.50	6.7	271	43.00	42.6	255
.75	6.9	284	44.00	41.4	257
1.00	6.4	260	45.00	40.1	259
1.25	7.1	284	46.00	40.4	261
1.50	6.3	272	47.00	41.4	266
1.75	7.9	277	48.00	38.7	268
2.00	6.9	285	49.00	37.9	275
2.25	7.7	290	50.00	36.5	278
2.50	6.1	293	51.00	28.7	279
2.75	5.2	307	52.00	24.0	269
3.00	4.5	295	53.00	27.7	271
4.00	4.1	295	54.00	27.5	283
5.00	4.4	294	55.00	21.0	283
6.00	4.9	293	56.00	23.0	284
7.00	5.6	307	57.00	26.5	289
8.00	7.4	310	58.00	19.7	287
9.00	8.4	309	59.00	19.4	280
10.00	9.3	286	60.00	18.8	281
11.00	15.0	278	61.00	18.0	275
12.00	16.3	264	62.00	18.8	272
13.00	17.7	260	63.00	21.1	271
14.00	18.9	255	64.00	20.8	284
15.00	19.0	253	65.00	18.4	284
16.00	19.6	252	66.00	15.8	291
17.00	19.9	246	67.00	14.5	302
18.00	20.2	255	68.00	13.4	305
19.00	20.0	262	69.00	12.3	299
20.00	19.4	260	70.00	14.3	299
21.00	18.3	261	71.00	13.1	292
22.00	17.9	263	72.00	11.1	280
23.00	19.4	267	73.00	6.4	311
24.00	20.5	261	74.00	3.9	291
25.00	22.4	255	75.00	9.4	280
26.00	23.6	248	76.00	10.0	292
27.00	26.0	244	77.00	7.9	311
28.00	26.7	244	78.00	2.9	269
29.00	26.7	244	79.00	5.8	238
30.00	26.1	246	80.00	7.6	274
31.00	26.2	247	81.00	7.0	301
32.00	26.6	249	82.00	1.4	306
33.00	27.4	249	83.00	1.8	305
34.00	29.7	249	84.00	3.4	3
35.00	31.1	248	85.00	4.6	66
36.00	32.7	248	86.00	4.0	22
37.00	33.7	223	87.00	4.8	63
38.00	35.9	223	88.00	2.9	106
39.00	44.4	269	89.00	1.9	72
40.00	46.4	271	90.00	5.1	51
41.00	41.3	256	91.00	6.4	62

Ft. Totten, N. Y.
April 25, 1975 at 0515 GMT (Continued)

Time (min)	Wind Speed (mps)	Wind Direction (deg)
92.00	6.8	85
93.00	4.2	108
94.00	4.3	80
95.00	6.0	93
96.00	5.1	121
97.00	2.9	129
98.00	2.0	145
99.00	.3	3
100.00	1.0	309
101.00	.7	359
102.00	3.2	39
103.00	5.2	59
104.00	4.5	75
105.00	4.0	48
106.00	4.1	2

Ft. Totten, N. Y.
April 25, 1975 at 1115 GMT

Time (min)	Wind Speed (mps)	Wind Direction (deg)	Time (min)	Wind Speed (mps)	Wind Direction (deg)
.25	11.4	12	41.00	59.3	295
.50	7.7	352	42.00	57.2	303
.75	8.1	355	43.00	48.6	306
1.00	8.0	358	44.00	43.2	304
1.25	7.5	6	45.00	40.7	295
1.50	7.5	6	46.00	31.4	284
1.75	6.3	11	47.00	24.9	265
2.00	7.4	5	48.00	25.5	268
2.25	6.2	8	49.00	22.1	275
2.50	7.4	344	50.00	21.7	283
2.75	6.2	345	51.00	18.2	283
3.00	3.8	17	52.00	19.3	276
4.00	3.7	355	53.00	16.4	262
5.00	4.3	342	54.00	15.0	265
6.00	4.5	326	55.00	14.4	267
7.00	5.1	309	56.00	19.2	267
8.00	6.3	289	57.00	15.1	258
9.00	5.7	282	58.00	15.6	259
10.00	7.2	293	59.00	15.3	256
11.00	6.6	287	60.00	12.4	253
12.00	7.0	276	61.00	9.0	238
13.00	8.5	275	62.00	8.6	249
14.00	10.1	283	63.00	7.5	275
15.00	10.4	284	64.00	6.0	277
16.00	10.1	288	65.00	5.0	294
17.00	9.8	296	66.00	5.0	5
18.00	10.4	298	67.00	5.6	57
19.00	11.4	293	68.00	1.4	255
20.00	12.5	287	69.00	2.2	0
21.00	16.0	290	70.00	3.7	108
22.00	20.2	289	71.00	2.8	255
23.00	24.7	288	72.00	.3	0
24.00	31.7	290	73.00	4.8	107
25.00	33.1	293	74.00	4.3	101
26.00	35.0	296	75.00	3.9	49
27.00	36.8	297	76.00	4.3	81
28.00	36.6	295	77.00	2.3	79
29.00	38.6	293	78.00	2.6	103
30.00	40.3	291	79.00	1.4	175
31.00	44.3	292	80.00	4.1	11
32.00	45.5	294	81.00	5.1	37
33.00	49.5	294	82.00	6.0	54
34.00	52.6	296	83.00	6.7	57
35.00	55.1	296	84.00	5.0	86
36.00	56.5	296	85.00	4.7	84
37.00	57.6	293	86.00	5.5	87
38.00	58.1	291	87.00	4.6	88
39.00	58.6	288	88.00	6.5	94
40.00	58.7	288	89.00	4.0	81

(111)

Ft. Totten, N. Y.
April 25, 1975 at 1115 GMT (Continued)

Time (min)	Wind Speed (mps)	Wind Direction (deg)
90.00	3.8	68
91.00	3.3	46
92.00	4.0	23
93.00	5.8	23
94.00	3.9	53
95.00	7.2	50
96.00	3.7	38
97.00	4.7	79
98.00	4.1	58
99.00	1.5	64
100.00	.9	64