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AVE SESAME VI: 25-MB SOUNDING DATA

By Meta E. Sienkiewicz, Luke P. Gilchrist, and
Robert E. Turner

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16. ABSTRACT This report describes the rawinsonde sounding program for the AVE-SESAME VI experiment and presents tabulated data at 25-mb intervals from the surface to 25 mb for the 23 National Weather Service and 15 special stations participating in the experiment. Soundings were taken at 3-h intervals beginning at 1200 GMT on June 7, 1979, and ending at 1200 GMT on June 8, 1979 (nine sounding times). The method of processing is discussed briefly, estimates of the rms errors in the data presented, an example of contact data given, reasons given for the termination of soundings below 100 mb, and soundings listed which exhibit abnormal characteristics.					
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AVE-SESAME VI: 25-mb SOUNDING DATA

by

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1. Introduction

In the spring of 1979, NASA participated in six Atmospheric Variability Experiment - Severe Environmental Storm and Mesoscale Experiments (AVE-SESAME). The dates, observation times and data reports for each of these are listed in Table 1. A more complete listing of all of NASA's previous Atmospheric Variability Experiments (AVE) is given by Williams, *et al.* (1980b). The present report contains data for the sixth AVE-SESAME experiment (7-8 June 1979).

This report is primarily a data document containing rawinsonde data taken at both National Weather Service and special stations during AVE-SESAME VI. A description of the data processing method along with the computer program for computing soundings and an error analysis have been presented by Fuelberg (1974). A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events compiled from teletype reports are presented in a separate report entitled, "A Preliminary Look at AVE-SESAME VI Conducted on 7-8 June 1979." That report is being printed concurrently with this data report.

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Table 1. Summary of AVE-SESAME experiments.

Experiment	Dates	Observation Times	Data Reports	Preliminary Look Reports
AVE-SESAME I	10-11 April 1979	4/10 - 12, 15, 18, 21, 4/11 - 00, 03, 06, 09, 12	Gerhard, <u>et al.</u> (1979)	Williams, <u>et al.</u> (1980e)
AVE-SESAME II	19-20 April 1979	4/19 - 12, 15, 18, 21, 4/20 - 00, 03, 06, 09, 21	Williams, <u>et al.</u> (1980a)	Williams, <u>et al.</u> (1980c)
AVE-SESAME III	25-26 April 1979	4/25 - 12, 15, 18, 21, 4/26 - 00, 03, 06, 09, 12	Williams, <u>et al.</u> (1980b)	Williams, <u>et al.</u> (1980d)
AVE-SESAME IV	9-10 May 1979	5/09 - 12, 15, 18, 21, 5/10 - 00, 03, 06, 09, 12	Stenkiewicz, <u>et al.</u> (1980)	July and Turner (1980)
AVE-SESAME V	20-21 May 1979	5/20 - 12, 15, 18, 21, 5/21 - 00, 03, 06, 09, 12	In Preparation	In Preparation
AVE-SESAME VI	7-8 June 1979	6/7 - 12, 15, 18, 21, 6/8 - 00, 03, 06, 09, 12	This Report	July and Turner (In Publication)

2. The AVE-SESAME VI Experiment

Twenty-three National Weather Service stations and fifteen special rawinsonde stations participated in the AVE-SESAME VI experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. Soundings were taken at nine times: June 7, 1979, at 1200, 1500, 1800, and 2100 GMT, and June 8, 1979, at 0000, 0300, 0600, 0900, and 1200 GMT. The special stations did not run the last four soundings (0300 - 1200 GMT).

National Weather Service stations participating in AVE-SESAME VI were spread throughout the South Central United States. Special stations were grouped in a storm-scale network in Oklahoma and Texas.

3. Discussion of Basic Data

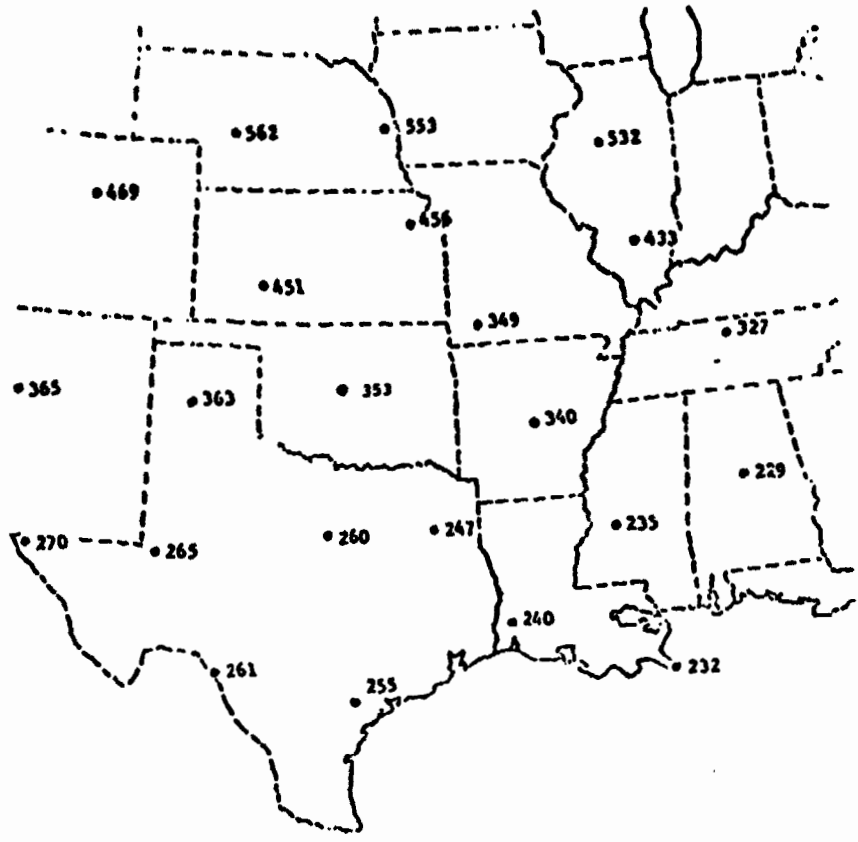
3.1 Collection of the Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA, Marshall Space Flight Center (MSFC), Alabama. After initial processing, these data were forwarded to Texas A&M University where complete soundings were computed using the university's Amdahl 470 V/6 computer.

3.2 Methods of Processing. The procedure used to compute the soundings is that used for previous AVEs and is described by Fuelberg (1974). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include centered differences on computed winds and checks on lapse rates of computed temperatures and dewpoints. Constant pressure charts were plotted for the large-scale and storm-scale networks, and time cross sections were analyzed for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

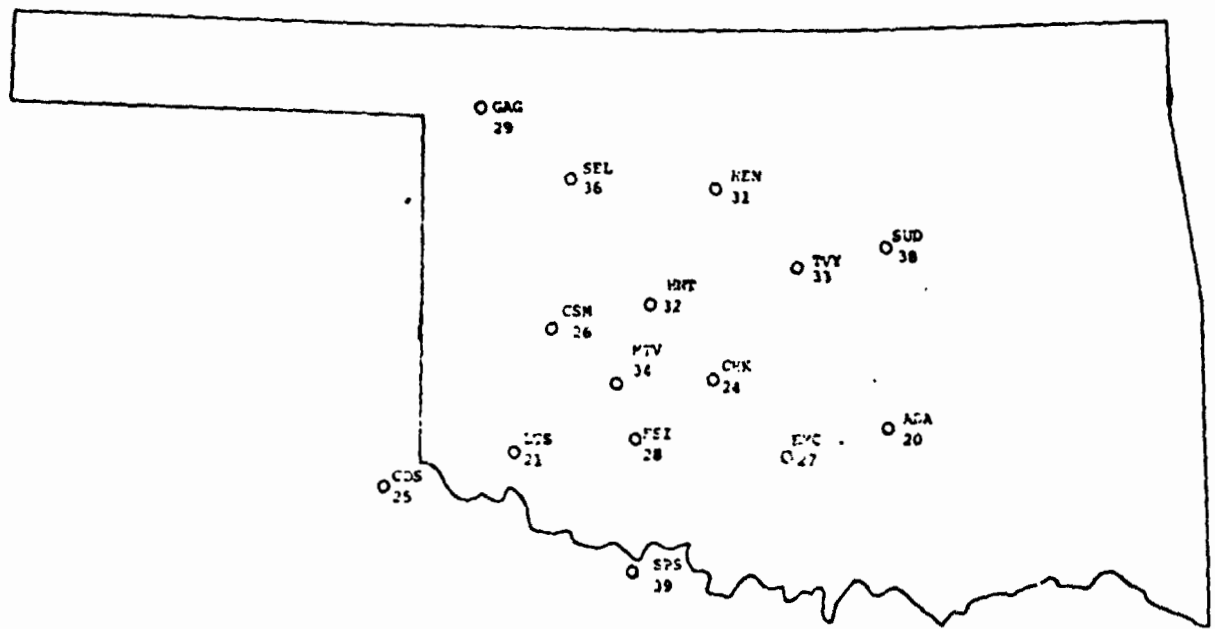
The final data set of the AVE-SESAME VI experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences and subsequently interpolated to each contact or 25-mb level.

Table 2. Rawinsonde stations participating in the AVE-SESAME VI experiment.

Station Number	Location
<u>NWS Stations</u>	
229 (CKL)	Centerville, AL
232 (BVE)	Boothville, LA
235 (JAN)	Jackson, MS
240 (LCH)	Lake Charles, LA
247 (GGG)	Longview, TX
255 (VCT)	Victoria, TX
260 (SEP)	Stephenville, TX
261 (DRJ)	Del Rio, TX
265 (MAF)	Midland, TX
270 (ELP)	El Paso, TX
327 (BNA)	Nashville, TN
340 (LIT)	Little Rock, AR
349 (UMN)	Monett, MO
353 (OKC)	Oklahoma City, OK
363 (AMA)	Amarillo, TX
365 (ABQ)	Albuquerque, NM
433 (SLO)	Salem, IL
451 (DDC)	Dodge City, KS
456 (TOP)	Topeka, KS
469 (DEN)	Denver, CO
532 (PIA)	Peoria, IL
553 (OMA)	Omaha, NE
562 (LBF)	North Platte, NE
<u>Special Stations</u>	
020 (ADA)	Ada, OK
021 (LTS)	Altus, OK
024 (CHK)	Chickasha, OK
025 (CDS)	Childress, TX
026 (CSM)	Clinton Sherman, OK
027 (EMC)	Elmore City, OK
028 (PSI)	Ft. Sill, OK
029 (GAG)	Gage, OK
031 (HEN)	Hennessey, OK
032 (HNT)	Hinton, OK
033 (TVY)	KTVY, OK
034 (MTV)	Mountain View, OK
036 (SEL)	Seiling, OK
038 (SUD)	Stroud, OK
039 (SPS)	Wichita Falls, TX



a. NWS rawinsonde stations



b. Special rawinsonde stations

Fig. 1. Location of rawinsonde stations participating in the AVE-SESAME VI experiment.

The following procedures were employed in the processing of these data. These procedures differ from those described by Fuelberg (1974).

(1) Humidity values, including dew-point temperatures, were computed only at temperatures above -40°C ; at temperatures below -40°C , humidity values are missing and are indicated by a field of nines (i.e., 99.9). Moisture values were computed if the relative humidity exceeded 1%. If the value was below 1%, it was set equal to 1% and used in the computation of other moisture variables.

(2) Winds based on low elevation angles are denoted by asterisks. One asterisk denotes angles less than 10° but greater than 6° , while two asterisks denote angles less than 6° . Caution must be exercised in the use of data at low elevation angles since it is subject to rather large RMS errors.

(3) Wind direction and speed were determined for 25-mb levels by interpolating contact values of the u- and v-components.

In processing the data, only those corrections were made that were known to be valid or were provided by NSSL.

4. Discussion of Sounding Data.

4.1 Accuracy Estimates. Estimates of the RMS errors in the wind and thermodynamic quantities of the AVE-SESAME VI data are the same as those for all previous AVEs and are given by Fuelberg (1974). The error estimates for thermodynamic variables are presented in Table 3.

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 deg elevation angles are presented in Table 4. 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, the errors stated for the 30-s wind were maxima for the stated conditions.

4.2 Tabulated Data. An example of AVE-SESAME VI contact data is given in Table 5, with the explanation of column headings in Table 6. The first line of data for the time 0.0 minutes is surface data. A

Table 3. Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME VI.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

Table 4. Estimates of RMS errors in AVE-SESAME VI wind data.

Pressure	RMS errors ($m s^{-1}$) in speed		RMS errors (deg) in direction	
	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5

series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels 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 and 25-mb data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812.

The contact data interpolated to 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. National Weather Service stations are presented first, followed by special stations. The first line of each sounding is surface data, followed by data from 1000 to 25 millibars (or to termination) successively. For the 25-mb levels where the pressure is greater than the surface pressure, missing data (nines) are indicated for each quantity. This is also done for 25-mb levels above the sounding termination point.

A listing of those soundings that were missing or were terminated before completion is given in Table 7 along with the reason for early termination.

4.3 Soundings with Abnormal Characteristics. Sounding data collected during the AVE-SESAME VI experiment were generally found to be of good quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some soundings which may have resulted from undetected errors. In most cases these discrepancies were observed in computations of geopotential height. A list of these soundings along with an explanation of the questionable data for each sounding is presented in Table 8. These soundings interpolated to 25-mb intervals are presented in Appendix II; they should be carefully considered before use. It should be noted that calculations of wind velocity from soundings which contain inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

It was necessary to adjust surface pressure at some of the special stations, due to apparent barometer calibration differences. The corrections,

Table 5. Example of contact sounding data for AVE-SESAME VI.

STATION NO. 279
CENTREVILLE, ALABAMA
7 JUNE 1979
1100 GMT

TIME	CNCT	HEIGHT TSM	PRES PS	TEMP CG C	DEW PT DG C	DIB DG	SPEED M/SEC	U COMP M/SEC	V CORF M/SEC	POF T DC E	R POT T DC E	IX BTO GR/CG	SH PCT	RANGE EN	AZ DC
0000	667	10000	972.1	21.8	21.1	192.0	2.6	0.5	2.6	270.8	316.1	14.0	98.0	0.0	0.
0005	703	7500	951.2	22.5	21.4	222.2	10.5	7.0	7.8	296.7	338.5	16.5	93.5	0.3	0.
0010	703	3200	974.3	22.7	21.5	222.2	10.5	7.0	7.8	296.7	338.5	16.5	93.5	0.3	0.
0015	703	2600	963.0	22.9	21.6	227.3	10.0	6.9	7.1	297.1	348.1	17.2	92.8	0.5	28.
0020	300	526.6	958.0	22.7	21.3	227.5	8.0	6.5	6.0	299.9	348.7	17.0	91.9	0.7	30.
0025	140	524.1	941.3	22.5	21.1	232.8	7.1	5.6	4.3	300.7	345.0	17.0	91.8	0.9	34.
0030	125	710.5	932.3	22.1	17.5	233.0	5.9	4.7	3.5	301.2	337.8	13.7	75.5	1.0	38.
0035	130	900.5	922.3	21.6	17.9	219.6	6.0	3.8	4.6	301.7	339.5	14.1	79.3	1.1	39.
0040	130	700.7	911.3	21.4	15.0	230.3	6.2	2.5	5.6	302.5	336.6	11.9	88.9	1.2	36.
0045	130	1000.0	900.3	20.5	14.8	198.7	6.3	1.6	6.1	302.7	338.7	11.9	69.5	1.4	36.
0050	130	1111.0	890.3	19.7	15.1	187.3	7.2	0.9	7.1	302.8	335.8	12.2	74.7	1.5	34.
0055	130	1310.3	879.0	14.7	16.8	183.0	8.4	0.8	8.4	302.8	319.9	13.8	80.7	1.7	30.
0100	130	1190.1	868.3	14.0	18.7	184.7	9.0	0.1	9.0	304.0	316.1	12.2	84.6	1.8	24.
0105	130	1000.2	851.7	17.9	18.5	178.3	8.8	-0.3	8.8	304.0	337.2	12.2	80.9	2.0	25.
0110	130	1000.2	838.0	17.0	18.3	189.3	8.5	0.0	8.5	304.2	332.4	11.5	78.9	2.2	21.
0115	130	1000.2	824.3	16.2	18.2	184.2	8.6	0.6	8.6	305.0	332.7	10.1	62.6	2.3	21.
0120	130	1000.2	810.6	15.2	16.3	163.7	9.0	1.5	8.9	305.8	322.7	6.5	46.1	2.5	20.
0125	130	1000.2	797.0	16.2	2.7	193.7	9.5	2.2	9.2	306.4	322.9	5.7	40.2	2.7	19.
0130	130	1000.2	783.3	15.6	2.0	192.1	10.1	2.7	10.0	306.4	323.5	5.5	40.2	3.0	19.
0135	130	1000.2	769.6	14.6	0.4	198.3	10.5	2.6	10.1	307.1	328.6	4.7	35.5	3.2	12.
0140	130	1000.2	755.9	14.3	-2.7	192.7	10.5	2.3	10.2	307.8	318.5	4.0	30.8	3.5	12.
0145	130	1000.2	742.2	13.7	-5.5	192.6	10.4	2.1	10.2	308.3	325.7	6.1	27.9	3.7	18.
0150	130	1000.2	728.5	13.1	-7.4	196.2	9.9	2.1	9.7	309.5	319.6	3.3	26.0	4.0	17.
0155	130	1000.2	714.8	12.0	0.3	193.5	10.0	1.3	9.4	309.8	325.1	2.9	24.9	4.2	17.
0200	130	1000.2	701.1	11.2	2.4	202.2	10.7	4.0	9.9	310.2	328.1	6.2	24.8	4.7	17.
0205	130	1000.2	687.4	10.5	1.3	205.4	11.4	4.7	10.6	310.6	327.4	5.8	24.7	5.0	18.
0210	130	1000.2	673.7	9.9	-0.9	205.7	11.4	4.9	10.3	310.9	320.5	3.2	24.2	5.2	19.
0215	130	1000.2	660.0	9.6	-1.8	207.1	11.5	5.3	10.1	312.0	326.0	4.7	24.7	5.4	18.
0220	130	1000.2	646.3	8.9	-3.1	211.1	11.0	5.7	9.4	312.3	325.1	4.3	24.9	5.7	19.
0225	130	1000.2	632.6	8.7	-11.0	218.8	10.2	5.8	8.4	313.8	319.8	2.0	19.9	5.9	19.
0230	130	1000.2	618.9	9.0	-13.3	221.0	9.9	6.5	7.6	313.8	320.1	2.0	20.4	6.2	20.
0235	130	1000.2	605.2	7.7	-15.7	223.2	10.7	7.0	8.0	316.8	320.0	1.7	17.1	6.4	21.
0240	130	1000.2	591.5	7.0	-17.4	220.9	10.9	7.1	8.3	315.2	319.9	1.5	15.6	6.7	22.
0245	130	1000.2	577.8	6.1	-13.5	219.8	11.3	7.2	8.7	315.5	321.9	2.1	22.8	7.0	23.
0250	130	1000.2	564.1	5.4	-10.1	220.0	11.3	7.3	8.7	315.9	328.3	2.7	31.0	7.2	23.
0255	130	1000.2	550.4	5.4	-10.1	220.0	11.3	7.3	8.7	315.9	328.3	2.7	31.0	7.2	23.
0300	130	1000.2	536.7	4.7	-37.8	232.1	10.5	7.2	7.7	316.4	317.3	0.2	2.7	7.8	28.
0305	130	1000.2	523.0	4.7	-28.6	230.6	8.6	6.7	7.5	316.4	317.3	0.2	2.7	7.8	28.
0310	130	1000.2	509.3	4.6	-20.6	238.0	7.6	6.4	4.0	318.5	322.8	1.2	14.4	7.8	25.
0315	130	1000.2	495.6	4.2	-31.8	240.6	7.6	6.6	3.7	318.7	332.1	0.7	59.7	8.0	26.
0320	130	1000.2	481.9	2.6	-5.2	241.4	7.8	6.0	3.7	319.1	332.3	4.3	56.3	8.1	27.
0325	130	1000.2	468.2	1.9	-2.8	240.8	8.2	7.1	4.0	319.7	335.7	5.3	70.6	8.3	28.
0330	130	1000.2	454.5	0.6	-2.8	239.1	8.7	7.5	4.5	319.6	336.3	4.8	70.0	8.5	28.
0335	130	1000.2	440.8	-0.0	-5.5	238.3	9.4	8.0	5.0	320.2	337.0	4.4	66.4	8.6	28.
0340	130	1000.2	427.1	-1.0	-6.4	236.3	11.8	9.8	6.6	320.5	333.0	4.1	64.2	8.9	30.

0 01 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 02 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 03 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

Table 5. Continued.

STATION NO. 229 CENTREVILLE, ALABAMA															
7 JUNE 1979															
1100 GMT															
TIME MIS	CHYCY	HEIGHT GPH	PRES MS	TEMP DEG C	DRN PT DEG C	DIR DEG	SPEED M/SEC	W CORP M/SEC	V CORP M/SEC	POF Z DEG K	E POF T DEG K	WIND GT/KG	RR PCT	RANGE KM	AZ DEG
17.4	51.0	5025.5	557.0	-1.1	-7.4	217.1	13.2	11.1	7.4	321.4	333.1	4.8	62.8	9.2	31.
17.6	51.0	5140.1	540.0	-2.4	-7.6	238.7	13.7	11.7	7.1	321.8	336.2	4.0	61.2	9.4	32.
17.8	51.0	5277.1	530.0	-3.4	-4.9	242.6	13.1	11.6	6.0	321.7	336.8	6.9	69.4	9.7	32.
17.9	51.0	5315.2	524.0	-6.0	-7.5	244.0	12.7	11.8	5.5	322.4	335.1	6.1	76.9	10.0	33.
18.0	51.0	5359.9	524.0	-8.0	-8.0	243.1	13.1	11.7	5.5	323.8	335.9	3.9	71.7	10.2	36.
18.1	51.0	5394.8	516.0	-8.5	-8.0	242.7	13.7	12.2	6.3	326.5	339.4	4.7	81.1	10.5	35.
18.2	51.0	5428.8	507.0	-5.4	-6.3	248.1	13.7	12.3	6.0	325.2	338.8	4.7	81.1	10.8	36.
18.3	51.0	5478.1	500.0	-6.4	-6.9	247.7	13.7	11.8	4.8	325.2	339.5	4.6	96.8	11.1	37.
18.4	51.0	5518.2	492.0	-7.0	-6.6	245.9	12.7	11.6	5.2	326.0	329.0	6.9	119.2	11.8	38.
18.5	51.0	5558.1	484.0	-6.9	-35.5	241.3	13.2	11.6	6.8	327.7	329.1	0.4	0.0	11.7	38.
18.6	51.0	5598.1	476.0	-7.5	-36.5	238.3	12.9	11.1	6.7	328.5	329.8	0.3	7.6	12.0	37.
18.7	51.0	5637.9	463.0	-7.9	-36.5	238.2	12.1	10.3	6.4	329.6	329.7	0.1	6.5	12.1	39.
18.8	51.0	5677.6	461.0	-8.9	-36.8	239.5	11.0	9.5	5.6	329.7	331.0	0.3	8.3	12.6	42.
18.9	51.0	5717.3	453.0	-8.7	-38.0	241.7	10.2	9.0	4.8	330.3	331.5	0.3	7.8	12.9	40.
19.0	51.0	5757.0	446.0	-10.4	-39.1	244.8	9.9	9.0	4.2	331.1	332.1	0.3	7.3	13.1	41.
19.1	51.0	5796.7	446.0	-11.2	-40.1	246.6	10.8	9.9	4.3	331.7	332.6	0.3	6.9	13.4	41.
19.2	51.0	5836.4	438.0	-11.7	-40.1	248.1	11.7	10.8	4.1	332.7	332.6	1.2	32.8	13.6	42.
19.3	51.0	5876.1	431.0	-11.7	-20.9	251.8	11.8	11.2	3.7	332.7	338.4	1.7	51.4	13.9	42.
19.4	51.0	5915.8	423.0	-12.1	-20.9	251.8	11.8	11.2	3.3	333.6	338.4	0.4	18.0	14.2	43.
19.5	51.0	5955.5	416.0	-13.8	-16.1	255.1	12.6	12.2	3.3	333.6	338.4	0.4	18.0	14.2	43.
19.6	51.0	5995.2	408.0	-14.6	-40.4	255.9	11.7	13.7	3.8	338.1	335.1	0.2	4.9	16.5	46.
19.7	51.0	6034.9	404.0	-14.6	-45.8	257.0	11.7	15.1	3.5	335.6	336.1	0.2	5.0	16.9	45.
19.8	51.0	6074.6	395.0	-15.7	-37.2	258.0	16.5	16.1	3.4	335.8	337.1	0.4	11.7	15.2	48.
19.9	51.0	6114.3	387.0	-15.7	-24.0	258.6	17.2	16.9	3.4	335.4	340.0	1.3	51.5	15.6	47.
20.0	51.0	6154.0	381.0	-18.6	-23.5	258.6	18.3	18.0	3.6	335.5	340.7	1.5	65.2	16.1	48.
20.1	51.0	6193.7	374.0	-19.8	-27.1	260.7	19.7	19.5	3.2	335.7	339.5	1.1	54.0	16.6	48.
20.2	51.0	6233.4	367.0	-19.8	-43.0	264.7	20.6	20.5	1.9	337.5	338.8	0.2	10.6	17.0	48.
20.3	51.0	6273.1	360.0	-20.7	-57.2	270.8	21.3	21.3	-0.3	338.1	338.3	0.0	2.2	17.5	51.
20.4	51.0	6312.8	353.0	-21.7	-61.7	274.3	21.8	21.8	-1.6	339.4	338.5	0.0	1.0	17.9	52.
20.5	51.0	6352.5	346.0	-21.7	-57.7	277.3	21.8	21.8	-2.7	339.3	339.5	0.0	2.4	18.3	52.
20.6	51.0	6392.2	339.0	-22.5	-57.7	277.5	22.9	21.8	-2.2	339.3	339.5	0.0	2.5	18.8	55.
20.7	51.0	6431.9	332.0	-22.5	-58.1	275.5	22.9	22.6	-2.2	339.3	339.5	0.0	2.5	19.4	56.
20.8	51.0	6471.6	325.0	-23.7	-58.1	273.0	22.9	22.9	-1.2	341.4	341.5	0.0	2.7	19.9	57.
20.9	51.0	6511.3	318.0	-24.9	-50.5	269.6	22.9	22.9	0.2	341.5	341.7	0.0	2.0	20.4	58.
21.0	51.0	6551.0	311.0	-25.8	-54.9	268.8	22.2	22.2	0.5	342.3	342.6	0.1	6.6	20.8	59.
21.1	51.0	6590.7	304.0	-25.8	-59.4	272.1	21.0	20.9	-0.6	342.3	342.5	0.0	3.9	20.9	59.
21.2	51.0	6630.4	297.0	-27.2	-59.4	272.1	21.0	20.9	-2.3	343.1	343.3	0.0	3.6	21.5	60.
21.3	51.0	6670.1	290.0	-28.0	-58.1	275.9	22.0	21.8	-2.3	343.1	343.3	0.0	5.5	22.0	61.
21.4	51.0	6709.8	283.0	-28.0	-55.8	279.2	22.5	23.2	-2.3	343.5	343.6	0.1	7.9	22.8	62.
21.5	51.0	6749.5	276.0	-30.4	-55.8	282.7	22.2	23.6	-5.3	343.6	343.9	0.1	7.9	23.1	63.
21.6	51.0	6789.2	269.0	-31.4	-56.4	286.9	22.0	24.2	-2.4	344.1	344.3	0.1	6.4	23.7	65.
21.7	51.0	6828.9	262.0	-32.5	-55.8	286.9	26.0	24.9	-2.3	344.6	344.9	0.1	7.6	24.2	65.
21.8	51.0	6868.6	255.0	-32.5	-56.3	288.7	25.9	24.5	-4.3	344.6	344.9	0.1	8.0	24.8	66.
21.9	51.0	6908.3	248.0	-34.0	-56.3	288.7	25.9	24.5	-4.3	344.6	344.9	0.1	9.1	24.8	67.
22.0	51.0	6948.0	241.0	-35.8	-56.8	293.3	26.1	24.5	-4.3	344.6	344.9	0.1	10.9	25.8	68.
22.1	51.0	6987.7	234.0	-36.7	-56.8	293.3	26.1	24.5	-4.3	344.6	344.9	0.1	10.9	25.8	68.
22.2	51.0	7027.4	227.0	-37.4	-56.8	288.3	27.6	26.2	-4.9	346.4	346.6	0.1	22.4	26.1	70.
22.3	51.0	7067.1	220.0	-37.4	-51.9	288.1	28.9	27.5	-4.9	346.1	346.4	0.1	22.4	26.1	70.
22.4	51.0	7106.8	213.0	-38.5	-99.9	288.1	30.4	28.9	-4.4	346.1	346.4	0.1	99.9	26.8	71.
22.5	51.0	7146.5	206.0	-38.5	99.9	288.1	30.4	28.9	-4.4	346.1	346.4	0.1	99.9	26.8	71.
22.6	51.0	7186.2	200.0	-39.5	99.9	288.1	30.4	28.9	-4.4	346.1	346.4	0.1	99.9	27.5	72.
22.7	51.0	7225.9	193.0	-39.5	99.9	288.1	30.4	28.9	-4.4	346.1	346.4	0.1	99.9	27.5	72.

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

Table 5. Continued.

TIME	CNCC	HEIGHT	PRES	TEMP	DIR	SPEED	U COMP	V COMP	POT	R POT	RI RTO	RM	RANGE	AL
SEC		GEH	HE	UC C	DG	R/SEC	M/SEC	M/SEC	DC E	DC E	CM/SEC	PCT	BY	DC
37.5	96.3	11346.1	245.0	-40.3	288.7	28.1	26.7	-8.7	347.8	999.9	99.9	999.9	28.3	73.
38.5	97.0	11245.4	241.0	-41.6	281.7	29.2	28.6	-5.9	347.9	999.9	99.9	999.9	28.3	74.
39.5	97.3	11197.1	237.0	-41.0	277.7	27.9	28.5	-8.9	348.3	999.9	99.9	999.9	28.8	75.
40.5	97.7	11150.3	233.0	-40.3	280.9	27.8	27.1	-3.2	348.5	999.9	99.9	999.9	30.5	75.
41.5	98.0	11103.7	229.0	-42.7	281.2	27.3	26.8	-3.3	348.4	999.9	99.9	999.9	31.2	76.
42.5	98.3	11057.0	225.0	-42.1	279.1	28.7	28.3	-8.5	348.6	999.9	99.9	999.9	32.0	77.
43.5	98.6	11010.2	221.0	-42.6	276.3	28.4	28.1	-8.1	348.6	999.9	99.9	999.9	32.8	77.
44.5	98.9	10963.2	217.0	-43.6	279.5	27.2	26.9	-8.5	348.3	999.9	99.9	999.9	32.8	78.
45.5	99.2	10916.2	213.0	-41.2	281.3	28.4	25.9	-3.2	349.2	999.9	99.9	999.9	32.8	79.
46.5	99.5	10869.5	209.0	-52.3	282.6	28.0	25.8	-3.7	350.0	999.9	99.9	999.9	32.2	79.
47.5	99.8	10822.8	205.0	-51.6	282.3	27.1	26.8	-5.8	349.9	999.9	99.9	999.9	32.9	79.
48.5	100.1	10776.0	201.0	-54.5	281.7	27.1	27.3	-7.7	349.9	999.9	99.9	999.9	32.9	80.
49.5	100.4	10729.2	197.0	-55.6	285.9	29.5	24.8	-8.1	352.0	999.9	99.9	999.9	32.9	81.
50.5	100.7	10682.4	193.0	-57.0	285.3	32.1	31.0	-8.4	352.0	999.9	99.9	999.9	32.9	81.
51.5	101.0	10635.6	189.0	-58.0	284.6	32.6	31.5	-8.2	352.1	999.9	99.9	999.9	32.7	82.
52.5	101.3	10588.8	185.0	-59.4	287.3	29.4	28.3	-8.8	353.0	999.9	99.9	999.9	32.0	82.
53.5	101.6	10542.0	181.0	-60.3	293.2	25.3	26.1	-10.0	353.9	999.9	99.9	999.9	31.5	83.
54.5	101.9	10495.2	177.0	-61.7	295.8	23.9	21.6	-10.3	354.1	999.9	99.9	999.9	32.2	84.
55.5	102.2	10448.4	173.0	-62.4	291.5	26.8	28.8	-9.8	355.3	999.9	99.9	999.9	32.8	84.
56.5	102.5	10401.6	169.0	-63.4	290.7	27.6	25.8	-9.7	356.9	999.9	99.9	999.9	32.8	85.
57.5	102.8	10354.8	165.0	-64.4	294.2	28.6	28.0	-9.7	357.8	999.9	99.9	999.9	32.5	85.
58.5	103.1	10308.0	161.0	-65.2	288.7	31.9	30.5	-9.3	359.1	999.9	99.9	999.9	32.8	86.
59.5	103.4	10261.2	157.0	-65.8	288.7	24.9	27.3	-9.2	360.9	999.9	99.9	999.9	32.8	86.
60.5	103.7	10214.4	153.0	-67.3	280.8	26.4	24.8	-9.2	361.1	999.9	99.9	999.9	32.1	87.
61.5	104.0	10167.6	149.0	-68.6	267.5	27.8	26.5	-8.4	361.1	999.9	99.9	999.9	32.0	87.
62.5	104.3	10120.8	145.0	-69.9	282.7	28.6	27.9	-8.3	363.8	999.9	99.9	999.9	32.0	87.
63.5	104.6	10074.0	141.0	-70.9	279.8	25.6	25.2	-8.3	365.3	999.9	99.9	999.9	32.0	87.
64.5	104.9	10027.2	137.0	-71.9	277.5	22.2	22.0	-3.7	367.3	999.9	99.9	999.9	31.5	87.
65.5	105.2	9980.4	133.0	-71.9	287.3	18.7	17.9	-5.6	367.9	999.9	99.9	999.9	32.1	87.
66.5	105.5	9933.6	129.0	-73.9	299.0	6.9	5.1	-8.3	379.6	999.9	99.9	999.9	31.4	89.
67.5	105.8	9886.8	125.0	-73.9	288.5	9.1	8.7	-2.9	369.9	999.9	99.9	999.9	32.3	89.
68.5	106.1	9840.0	121.0	-70.5	281.1	6.9	6.7	-1.3	367.8	999.9	99.9	999.9	32.3	89.
69.5	106.4	9793.2	117.0	-67.5	283.1	2.8	2.2	1.1	406.8	999.9	99.9	999.9	32.8	90.
70.5	106.7	9746.4	113.0	-68.6	165.7	8.1	0.8	6.1	408.5	999.9	99.9	999.9	32.8	90.
71.5	107.0	9700.0	109.0	-68.6	208.5	2.3	2.5	6.6	412.5	999.9	99.9	999.9	32.8	90.
72.5	107.3	9653.2	105.0	-68.6	216.8	2.9	1.7	2.3	416.8	999.9	99.9	999.9	32.8	90.
73.5	107.6	9606.4	101.0	-68.0	248.5	1.0	0.9	0.4	422.5	999.9	99.9	999.9	32.8	90.
74.5	107.9	9559.6	97.0	-67.8	293.0	1.4	1.3	-0.6	427.6	999.9	99.9	999.9	32.8	90.
75.5	108.2	9512.8	93.0	-67.1	348.0	3.0	0.8	-2.9	433.9	999.9	99.9	999.9	32.8	90.
76.5	108.5	9466.0	89.0	-66.0	38.8	5.3	-3.3	-8.2	439.5	999.9	99.9	999.9	32.8	90.

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

Table 5. Concluded.

STATION NO. 229 CANTONVILLE, ALABAMA		7 JUNE 1979		1100 GMT		199		7. J							
TIME MIN	COVET	HEIGHT GPR	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 2 DG E	E POT 3 DG E	HI RTO GR/EG	EE PCT	ERRSE EG	SE
54.0	143.0	18095.8	69.0	-66.3	99.9	87.2	5.1	-3.7	-3.5	440.5	999.9	99.9	999.9	54.9	92.
55.0	143.0	13135.0	66.0	-65.2	99.9	93.6	3.9	-3.2	-2.3	452.9	999.9	99.9	999.9	54.8	92.
56.0	143.0	19447.2	63.0	-65.2	99.9	59.8	4.8	-4.1	-2.5	450.5	999.9	99.9	999.9	54.6	92.
57.0	143.0	17777.6	60.0	-63.6	99.9	66.7	6.2	-7.6	-3.3	468.6	999.9	99.9	999.9	54.3	92.
58.0	143.0	17756.2	59.0	-62.4	99.9	48.1	9.8	-8.8	-4.3	475.8	999.9	99.9	999.9	53.7	92.
59.0	147.0	20236.1	55.0	-59.8	99.9	27.7	6.6	-2.1	-5.8	489.1	999.9	99.9	999.9	53.5	90.
60.0	147.0	20636.3	52.0	-59.8	99.9	60.7	11.0	-9.6	-3.9	497.8	999.9	99.9	999.9	53.3	91.
61.0	147.0	22322.5	50.0	-59.4	99.9	71.8	12.4	-11.8	-3.9	503.4	999.9	99.9	999.9	52.5	91.
62.0	147.0	21270.6	47.0	-58.5	99.9	73.6	9.6	-9.1	-2.7	518.6	999.9	99.9	999.9	51.9	91.
63.0	150.0	21446.1	44.0	-57.7	99.9	85.9	13.0	-12.9	-0.9	526.5	999.9	99.9	999.9	51.3	91.
64.0	151.0	21751.2	42.0	-56.6	99.9	70.4	14.5	-14.5	-0.2	538.7	999.9	99.9	999.9	50.4	92.
65.0	157.0	22472.2	39.0	-54.1	99.9	95.7	16.8	-16.8	1.6	554.0	999.9	99.9	999.9	49.2	92.
66.0	158.0	22733.5	37.0	-51.5	99.9	102.7	14.0	-13.6	3.1	569.1	999.9	99.9	999.9	48.0	91.
67.0	158.0	23200.1	34.0	-51.0	99.9	102.8	10.6	-10.4	2.3	586.2	999.9	99.9	999.9	47.2	91.
68.0	159.0	23557.0	31.0	-50.1	99.9	95.9	11.7	-11.7	1.2	602.8	999.9	99.9	999.9	46.6	91.
69.0	159.0	23358.4	29.0	-47.2	99.9	89.8	12.5	-12.5	-0.0	616.6	999.9	99.9	999.9	45.2	91.
70.0	159.0	27313.9	25.0	-48.6	99.9	88.7	13.8	-13.7	-0.3	637.9	999.9	99.9	999.9	44.0	91.
71.0	162.0	29512.9	21.0	-48.6	99.9	76.1	11.1	-10.8	-2.7	660.6	999.9	99.9	999.9	42.9	91.
72.0	162.0	27532.1	19.0	-47.5	99.9	85.5	12.7	-12.6	-1.0	681.2	999.9	99.9	999.9	41.1	92.
73.0	163.0	26762.1	17.0	-44.1	99.9	67.7	11.2	-10.3	-0.2	724.6	999.9	99.9	999.9	39.9	92.
74.0	164.0	27378.8	15.0	-41.6	99.9	63.8	18.3	-17.2	-6.3	769.8	999.9	99.9	999.9	38.0	92.
75.0	164.0	27331.1	13.0	-41.7	99.9	74.5	14.0	-13.8	-4.6	801.5	999.9	99.9	999.9	35.1	95.
76.0	164.0	27331.1	10.0	-37.4	99.9	83.2	15.3	-15.2	-1.8	880.0	999.9	99.9	999.9	32.8	96.
77.0	164.0	30311.9	7.0	-34.4	99.9	999.9	99.9	99.9	99.9	988.9	999.9	99.9	999.9	999.9	999.9

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Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME VI 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 (FM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 7. Soundings missing or terminated before completion (100mb) in AVE-SESAME VI.

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Ada, OK (020)	7/2100	Power failure	106
	7/0000	Power failure	734
Chickasha, OK (024)	7/0000	Flight equipment failure	264
Ft. Sill, OK (028)	7/1500	Missing sounding	-
	7/1800	Fading signal	106
	7/2100	Balloon burst	165
	8/0000	Ground equipment failure	284
Gage, OK (029)	7/1800	Fading signal	133
Hennessey, OK (031)	7/1800	Lost signal	356
KTVY, OK (033)	7/1200	Fading signal	180
	7/1500	Fading signal	101
	7/1800	Ground equipment failure	296
Seiling, OK (036)	7/1200	Balloon burst	503
Stroud, OK (038)	8/0000	Ground equipment failure	199
Wichita Falls, TX (039)	7/1800	Fading signal	126
Jackson, MS (235)	7/1500	Missing sounding	-
	7/1800	Missing sounding	-
Monett, MO (349)	7/1500	Leaking balloon	666
Topeka, KS (456)	8/0600	Balloon burst	107
	8/0800	Lost signal	644
Denver, CO (409)	8/0000	Icing	456
	8/0300	Lost signal	104
	8/0600	Balloon burst	127
	8/0900	Balloon burst	117
Deoria, IL (532)	7/1500	Radiosonde failure	430

NOTE: No special station soundings were taken for 8/0300, 8/0600, 8/0900, or 8/1200.

No soundings were taken at:

Canadian, TX (022); Cheyenne, OK (023); Healdton, OK (030);
Norman, OK (035); Shamrock, TX (037)

supplied by NSSL, are listed in Table 9.

Table 10 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per minute. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 8. List of soundings with abnormal characteristics in AVE-SESAME VI.

Station	Date/GMT	Questionable Data
Boothville, LA (232)	7/1200 7/1500 7/1800	Baseline problem - no R.H. computed Heights are low
Stephenville, TX (260)	8/0600	Heights 40m high at 200 mb
Little Rock, AR (340)	7/2100 8/0000 8/0300	Heights 20m low at 500 mb; 40m low at 200 mb Heights 30m low at 500 mb; 50m low at 200 mb Heights 30m low at 500 mb; 55m low at 200 mb
Ada, OK (020)	7/1800	Heights 60m low at 200 mb
Ft. Sill, OK (028)	7/2100 8/0000	Heights 60m high at all levels Possible surface pressure error. (Note 7 mb rise between 18 and 21 GMT)
Gage, OK (029)		Wind directions computed for all soundings appear to be 20-30 degrees low.
Hennessey, OK (031)	7/1500	Heights 50m high at 200 mb
Hinton, OK (032)		Computed wind speeds in all soundings seem too high compared to other stations.
KTVY, OK (033)	7/2100	Heights 20m high at 500 mb, 45m at 200 mb
Wichita Falls, TX (039)	7/1800	Heights 40m high at 200 mb

Table 9. Corrections to surface pressure supplied by NSSL and used in processing the AVE-SESAME VI data.

<u>Station</u>	<u>Correction (mb)</u>
Altus, OK (021)	+1.4
Cheyenne, OK (023)	+0.7
Gage, OK (029)	-1.8
Hinton, OK (032)	-0.6
KTVY, OKC (033)	+1.7
Shamrock, TX (037)	+2.5
Wichita Falls, TX (039)	+1.7

Table 10. AVE-SESAME VI soundings with relatively large variations in balloon rise rate.

<u>Station</u>	<u>Date/Time (GMT)</u>
Monett, MO (349)	7/1500
Dodge City, KS (451)	8/0600

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APPENDIX I
AVE-SESAME VI Sounding Data
of Unquestionable Validity
Presented at 25-mb Intervals

STATION NO. 229
CENTERSVILLE, ALABAMA

7 JUNE 1979
1100 GMT

150 7. 0

TIME MIN	CNFC	WEIGHT GPM	PNES NO	VFMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV I DG R	E POT V DG R	MR RTG CM/SEC	RM PCT	RANGE MI	AZ DG
0.0	6.2	148.0	997.1	21.4	21.1	199.8	2.6	0.5	2.6	204.2	336.1	18.0	98.0	0.0	0.
0.5	9.9	1003.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.0	4.1	336.0	975.0	22.7	21.5	223.0	10.3	7.0	7.5	258.6	342.8	17.0	92.9	0.3	9.
1.5	13.4	581.5	965.0	22.6	21.2	229.3	8.1	6.2	5.3	300.2	345.8	17.0	91.9	0.7	31.
2.0	12.7	706.3	925.0	21.7	17.6	223.1	6.1	4.1	4.5	301.6	339.0	16.0	78.1	1.1	34.
2.5	15.0	1036.3	935.0	20.5	18.8	195.3	6.0	1.7	6.4	302.7	334.7	11.9	69.5	1.4	36.
3.0	17.4	1277.7	875.0	18.4	15.9	182.4	8.5	0.4	8.5	302.6	338.4	13.2	85.5	1.7	29.
4.0	19.8	1526.6	850.0	17.2	13.6	180.8	8.6	0.1	8.6	304.2	335.8	11.6	70.3	2.1	23.
5.0	22.3	1781.5	825.0	16.2	11.1	190.2	9.2	1.6	9.0	305.7	323.5	6.3	44.5	2.4	20.
6.0	24.7	2032.7	800.0	14.9	9.3	193.1	10.3	2.5	10.0	307.0	321.2	4.9	36.9	3.2	19.
7.0	27.2	2310.8	775.0	13.7	1.2	195.5	10.2	2.2	10.0	308.2	324.4	5.5	43.5	3.8	18.
8.0	29.4	2586.5	750.0	12.2	-1.2	198.4	10.1	3.2	9.5	309.2	323.9	4.0	40.3	4.4	17.
9.0	32.3	2869.9	725.0	10.3	-1.5	201.7	11.2	4.7	10.2	310.7	325.1	4.9	45.2	5.0	18.
10.0	35.0	3161.7	700.0	8.9	-3.3	211.3	10.9	5.7	9.3	312.3	325.1	4.3	41.9	5.7	19.
11.0	37.6	3451.7	675.0	7.8	-14.6	220.2	10.4	6.7	7.9	314.4	320.1	1.8	18.4	6.3	21.
12.0	40.3	3741.6	650.0	5.9	-12.5	229.6	11.1	7.2	8.4	315.6	322.7	2.3	25.6	7.0	23.
13.0	43.1	4031.4	625.0	4.5	-27.7	231.1	6.5	6.9	5.6	317.6	319.8	0.6	7.6	7.7	25.
14.0	46.0	4321.2	600.0	2.6	-5.2	240.6	7.9	6.9	3.9	319.1	332.3	4.3	56.3	8.1	27.
15.0	49.0	4611.0	575.0	0.1	-5.3	239.2	5.9	8.4	5.2	320.1	333.8	4.5	66.8	8.4	29.
16.0	51.6	4900.9	550.0	-2.0	-7.5	238.7	13.1	11.3	6.7	321.7	336.0	4.8	65.8	9.4	31.
17.0	54.0	5190.8	525.0	-4.0	-4.3	243.7	13.7	11.8	5.9	323.4	335.8	3.9	72.3	10.2	36.
18.0	56.0	5480.7	500.0	-6.4	-4.9	245.1	13.1	11.9	5.5	325.2	339.5	4.6	96.8	11.1	37.
19.0	58.0	5770.6	475.0	-7.5	-24.6	239.9	12.5	10.8	6.3	327.7	329.9	0.3	7.4	12.0	39.
20.0	61.0	6060.5	450.0	-10.0	-34.5	243.0	10.5	9.4	6.0	330.6	331.7	0.3	7.4	13.0	41.
21.0	64.0	6350.4	425.0	-12.7	-21.9	251.0	11.0	11.3	3.9	332.7	334.0	1.6	46.8	13.8	42.
22.0	67.0	6640.3	400.0	-14.9	-43.4	257.2	15.6	13.2	3.5	335.6	336.5	0.2	7.5	15.0	45.
23.0	70.0	6930.2	375.0	-19.6	-26.6	261.9	19.3	19.1	2.7	335.6	339.7	1.2	93.9	16.5	48.
24.0	73.0	7220.1	350.0	-22.1	-60.3	271.7	22.0	21.9	-1.4	338.9	339.1	0.0	1.8	18.1	53.
25.0	76.0	7510.0	325.0	-25.3	-57.0	271.6	22.3	22.3	-0.6	341.6	342.1	0.1	3.5	20.1	58.
26.0	79.0	7800.0	300.0	-29.7	-54.6	243.4	23.6	23.2	-4.3	343.2	343.8	0.1	6.7	22.3	62.
27.0	82.0	8090.0	275.0	-35.2	-56.7	263.1	26.7	25.4	-8.3	344.3	344.5	0.1	8.9	24.7	67.
28.0	85.0	8380.0	250.0	-39.6	93.9	285.0	29.5	28.3	-6.1	347.2	349.9	99.9	99.9	27.7	72.
29.0	88.0	8670.0	225.0	-45.7	99.9	279.9	28.3	27.9	-6.9	348.4	349.9	99.9	99.9	31.2	76.
30.0	91.0	8960.0	200.0	-52.3	99.9	282.1	27.3	26.7	-5.7	350.0	349.9	99.9	99.9	35.2	79.
31.0	94.0	9250.0	175.0	-59.7	99.9	286.6	28.8	27.1	-9.1	353.0	349.9	99.9	99.9	40.2	82.
32.0	97.0	9540.0	150.0	-65.0	99.9	289.6	28.1	26.5	-9.4	358.5	349.9	99.9	99.9	45.9	85.
33.0	100.0	9830.0	125.0	-71.2	99.9	293.4	22.1	21.2	-6.3	362.1	349.9	99.9	99.9	50.4	88.
34.0	103.0	10120.0	100.0	-72.6	99.9	274.9	7.9	7.9	-0.4	367.5	349.9	99.9	99.9	54.2	89.
35.0	106.0	10410.0	75.0	-67.3	99.9	317.9	3.8	2.5	-2.0	431.6	349.9	99.9	99.9	55.1	89.
36.0	109.0	10700.0	50.0	-59.4	99.9	71.6	10.8	-10.3	-3.4	803.4	349.9	99.9	99.9	52.5	91.
37.0	112.0	11000.0	25.0	-48.6	99.9	87.3	12.9	-12.8	-0.6	645.4	349.9	99.9	99.9	43.6	91.

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

STATION NO. 229
CENTERSVILLE, ALABAMA

STATION NO. 229
CENTERVILLE, ALABAMA
7 JUNE 1979
1400 GMT

187 10. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG R	E POT Y DG K	WX RTO CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	0.0	100.0	990.0	24.0	21.9	190.0	7.6	0.5	2.0	298.1	342.0	16.0	84.0	0.0	0.0
00.0	00.0	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	990.0	990.0
0.0	0.0	352.5	975.0	22.7	22.1	209.4	7.0	3.4	0.1	248.6	343.6	17.5	86.7	0.2	0.0
1.0	10.7	575.7	950.0	21.0	20.7	216.6	7.1	4.2	5.7	299.4	343.1	16.0	90.1	0.7	29.0
2.0	12.9	811.7	925.0	20.0	19.8	200.0	5.1	1.0	4.0	300.3	342.4	16.0	95.6	1.0	30.0
3.7	15.2	1046.4	900.0	19.3	19.0	190.5	4.4	1.2	4.0	301.4	331.5	11.2	70.5	1.2	20.0
4.6	17.4	1290.0	875.0	17.6	12.2	190.1	6.0	1.7	5.7	302.1	329.9	10.3	70.4	1.5	20.0
5.5	19.7	1530.0	850.0	16.0	10.6	197.0	8.3	2.4	7.0	302.8	329.0	9.8	70.4	1.9	23.0
5.4	22.0	1792.1	825.0	14.3	12.4	203.0	9.6	3.0	9.0	303.7	333.8	11.0	80.0	2.4	22.0
7.4	24.4	2052.2	800.0	12.6	12.2	208.4	10.5	3.8	10.2	304.2	335.4	11.3	87.0	3.0	23.0
9.3	26.0	2316.7	775.0	10.9	10.0	198.5	11.1	3.9	10.5	305.2	333.2	10.0	94.0	3.6	22.0
9.3	23.4	2592.7	750.0	10.0	10.5	203.0	11.2	4.6	10.5	308.3	333.7	4.0	82.2	4.3	21.0
10.1	11.9	2870.5	725.0	9.0	9.0	210.7	10.4	5.3	9.0	310.2	317.0	2.8	24.0	4.9	22.0
11.3	14.0	3105.4	700.0	8.6	12.4	210.4	9.4	8.9	7.3	312.0	310.0	2.8	22.1	5.5	24.0
12.4	17.2	3420.0	675.0	8.5	12.1	226.3	8.1	6.0	5.7	313.0	319.9	2.2	20.9	6.1	25.0
13.4	43.0	3773.1	650.0	4.5	10.2	227.9	7.7	9.7	5.2	314.0	320.2	2.0	20.3	6.5	27.0
14.5	42.0	4091.1	625.0	2.1	13.7	226.3	8.1	9.6	5.0	316.0	321.0	2.1	20.0	7.0	20.0
15.7	45.7	4419.3	600.0	0.4	9.0	236.0	7.0	6.3	4.2	319.7	330.0	4.0	76.0	7.5	30.0
16.7	40.0	4750.4	575.0	1.0	10.0	238.2	9.7	9.0	3.0	318.1	335.6	5.9	90.6	8.0	32.0
17.0	51.0	5113.0	550.0	3.0	9.9	245.0	11.3	10.3	4.0	320.2	335.2	4.0	87.1	8.4	35.0
19.2	56.9	5681.6	525.0	5.2	7.2	237.7	12.6	10.8	4.3	322.1	335.4	4.3	88.9	9.4	38.0
20.6	59.1	5960.3	500.0	6.0	7.6	237.1	14.1	11.0	7.0	324.7	336.3	4.3	88.0	10.5	40.0
21.9	61.5	6202.0	475.0	6.3	12.8	233.0	10.8	10.8	7.0	326.8	336.1	3.0	75.3	11.5	41.0
23.4	63.0	6470.0	450.0	12.0	12.0	233.7	12.0	10.1	7.0	327.1	330.8	1.0	32.1	12.6	42.0
24.8	60.0	7119.5	425.0	14.0	10.5	243.1	13.2	11.0	6.0	329.2	331.2	0.0	20.1	13.7	43.0
26.4	72.3	7670.6	400.0	16.0	12.4	232.9	13.0	13.2	4.0	333.2	333.9	0.1	3.1	14.0	48.0
28.1	76.2	8080.3	375.0	18.2	11.8	241.3	17.0	17.4	2.7	337.0	337.0	0.0	1.0	16.1	48.0
29.7	93.2	8500.7	350.0	21.0	10.3	243.2	20.0	20.0	2.5	337.7	339.0	0.0	1.0	17.7	52.0
31.0	60.0	9107.6	325.0	20.7	10.3	276.0	22.0	20.0	0.1	340.6	340.0	0.0	1.0	19.7	50.0
33.0	80.0	9680.3	300.0	31.1	10.0	282.0	20.5	20.0	0.1	341.6	341.6	0.0	1.0	22.0	61.0
35.7	93.4	10290.3	275.0	34.2	11.0	297.3	27.3	20.1	0.1	342.7	342.7	0.0	1.0	24.3	64.0
37.0	90.2	10900.3	250.0	40.0	9.9	288.2	20.0	27.4	0.1	345.3	350.9	0.0	0.0	27.4	75.0
40.3	93.0	11600.1	225.0	44.9	9.9	281.0	20.0	27.2	0.1	347.8	354.0	0.0	0.0	30.0	74.0
42.0	100.0	12400.2	200.0	43.7	9.9	281.0	20.0	20.0	0.1	347.8	354.0	0.0	0.0	34.4	70.0
45.0	110.0	13200.2	175.0	45.0	9.9	281.0	20.0	20.0	0.1	347.8	354.0	0.0	0.0	38.0	61.0
48.3	120.0	14200.2	150.0	45.0	9.9	281.0	20.0	20.0	0.1	347.8	354.0	0.0	0.0	42.0	61.0
52.0	127.3	15300.0	125.0	42.7	9.9	277.2	21.0	10.3	0.1	348.2	359.0	0.0	0.0	46.0	87.0
57.3	134.5	16610.0	100.0	42.1	9.9	277.2	21.0	10.3	0.1	348.2	359.0	0.0	0.0	51.3	89.0
61.0	142.0	18320.0	75.0	40.4	9.9	280.0	20.0	0.0	0.0	347.0	359.0	0.0	0.0	57.0	80.0
64.0	150.3	20010.0	50.0	38.0	9.9	280.0	11.0	-11.4	0.0	347.0	359.0	0.0	0.0	64.2	80.0
63.1	159.0	25300.2	25.0	49.2	9.9	33.0	13.0	-13.5	-1.4	443.2	359.0	0.0	0.0	80.5	80.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 279
CENNERVILLE, ALABAMA

7 JUNE 1970
1705 GMT

TIME min	CATCY	HEIGHT GMS	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U. COMP M/SEC	V. COMP M/SEC	POT T DEG K	E. POT V DEG K	W. BTG G/M/S	SN PCT	RANGE NM	AZ DEG
0.0	5.0	140.0	999.2	28.5	21.7	210.0	3.6	1.0	3.1	299.7	343.8	16.0	75.0	0.0	0.
00.0	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	0.0	350.4	975.0	24.5	21.3	193.3	4.3	1.0	4.2	259.2	243.6	16.0	82.3	0.3	2.
1.7	16.0	585.5	950.0	22.0	19.5	198.6	6.0	1.4	6.4	300.2	340.0	15.2	81.0	0.5	7.
2.0	12.7	617.3	925.0	22.1	16.0	205.0	7.4	3.1	6.7	301.4	332.2	11.2	61.6	0.9	14.
3.7	15.1	1355.7	900.0	20.6	13.5	157.9	7.2	2.5	7.8	302.4	332.4	10.9	63.8	1.4	18.
4.5	19.9	1278.5	875.0	17.9	11.4	198.1	6.7	2.7	6.3	303.2	330.1	9.7	61.4	1.0	17.
5.5	19.9	1547.2	850.0	17.5	10.3	208.2	4.6	4.6	6.2	304.2	330.2	9.3	62.5	2.3	19.
6.4	22.4	1502.3	825.0	14.4	7.6	209.0	10.2	4.9	6.9	305.9	328.2	8.0	55.9	2.0	21.
7.3	24.0	2043.7	800.0	14.7	6.2	207.7	11.3	5.3	10.0	306.4	327.9	7.5	54.4	3.4	22.
8.3	27.3	2332.3	775.0	13.8	3.6	212.1	10.2	5.4	6.7	308.7	327.1	6.4	50.3	4.1	23.
9.4	29.9	2609.3	750.0	12.3	3.0	219.0	6.4	5.9	7.3	310.0	326.3	6.4	52.8	4.0	25.
10.4	32.4	2991.3	725.0	10.7	-2.0	222.8	6.8	6.0	6.5	311.2	324.4	4.5	40.0	5.2	26.
11.1	35.1	3183.5	700.0	5.0	-6.7	224.4	7.3	5.1	5.2	312.5	324.0	3.9	37.5	5.6	28.
12.5	37.8	3485.0	675.0	7.4	-9.3	217.2	7.1	4.3	5.6	313.5	222.6	2.8	29.7	6.1	29.
13.9	43.5	3794.4	650.0	6.5	-7.9	222.5	7.6	5.2	5.6	316.4	326.4	3.3	36.9	6.6	30.
14.9	47.2	4119.2	625.0	3.7	-3.4	243.1	9.0	8.0	4.1	316.7	338.4	7.4	92.4	7.2	31.
16.1	45.0	4445.9	600.0	1.3	-3.4	251.7	10.6	10.1	3.3	317.7	336.1	6.2	88.1	7.7	35.
17.1	43.9	4747.1	575.0	-0.8	-1.1	254.7	11.2	10.9	3.0	319.1	337.6	6.2	67.9	8.4	38.
18.0	51.9	5142.9	550.0	-2.1	-7.5	259.9	11.5	11.3	2.2	321.6	331.0	4.0	67.2	9.1	42.
19.9	56.0	5517.3	525.0	-3.3	-7.6	257.5	14.6	14.2	3.1	324.2	337.5	4.2	72.9	9.6	45.
21.2	54.0	5897.1	500.0	-4.0	-11.3	255.4	14.4	14.4	3.7	325.2	336.1	3.2	66.0	10.9	48.
22.7	61.1	6257.3	475.0	-4.7	-11.9	255.0	13.9	13.4	3.6	327.2	337.6	3.2	77.6	12.0	51.
23.6	67.9	7157.7	450.0	-10.8	-11.6	252.8	14.3	13.6	4.2	329.7	338.0	2.5	67.7	13.1	53.
24.1	64.4	6718.6	450.0	-10.8	-12.4	250.4	14.7	13.9	4.9	324.4	335.4	0.8	23.3	14.3	55.
27.1	71.3	7613.2	400.0	-15.1	-11.6	255.0	17.6	17.0	4.8	335.4	337.3	0.5	17.4	17.8	56.
27.0	74.0	8059.3	375.0	-14.9	-11.6	267.2	15.7	19.6	0.9	339.2	241.8	3.7	26.2	17.7	59.
33.0	74.7	8613.4	350.0	-20.6	-16.1	262.1	21.0	20.8	2.9	341.0	342.8	0.5	23.5	19.0	62.
37.4	87.5	9157.2	325.0	-25.5	-19.3	266.7	21.1	21.0	1.2	341.0	343.2	0.4	28.6	22.1	64.
38.4	95.5	9732.9	300.0	-30.0	-45.0	278.3	23.3	23.0	-3.4	343.1	343.9	0.2	19.5	24.3	67.
38.5	93.8	10346.3	275.0	-34.6	-49.2	282.8	25.9	25.3	-7.7	345.1	345.7	0.2	20.9	26.9	71.
39.2	95.3	11009.8	250.0	-39.7	-49.2	282.8	25.9	25.2	-7.6	347.0	999.9	99.0	956.0	30.0	75.
41.6	103.0	11718.0	225.0	-45.8	99.9	244.8	22.1	24.2	-0.4	348.4	999.9	99.0	999.9	30.0	78.
44.2	105.2	12485.3	200.0	-51.2	57.9	290.1	22.9	22.2	-0.4	350.0	999.9	99.0	959.9	30.6	80.
47.1	117.1	13342.8	175.0	-58.1	59.9	293.3	25.6	24.0	-0.2	350.0	999.9	99.0	959.9	42.5	83.
50.4	116.8	14197.3	150.0	-65.1	33.9	291.0	25.7	24.0	-0.2	350.0	999.9	99.0	959.9	50.4	86.
54.3	123.5	15183.3	125.0	-71.2	94.9	294.4	14.7	17.0	-1.7	362.0	99.0	99.0	959.9	50.4	89.
55.7	131.0	16701.3	100.0	-72.9	59.0	274.1	7.2	7.2	-0.5	367.0	99.0	99.0	959.9	50.4	90.
60.0	130.0	14411.3	75.0	-62.8	54.9	312.4	5.8	4.3	-3.9	428.0	99.0	99.0	959.9	50.0	90.
72.1	144.3	20303.3	50.0	-52.4	99.9	97.2	6.7	-9.6	1.2	806.0	99.0	99.0	959.9	50.0	90.
84.4	144.0	25390.6	25.0	-48.5	99.9	94.5	11.3	-11.2	0.9	849.3	99.0	99.0	959.9	42.1	90.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

7 JUNE 1979
2100 GMT

159 8. 0

TIME MIN	CMTC	HEIGHT GFW	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT W DG K	E POT V DG K	NR MTD GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.9	140.0	998.3	31.0	21.5	210.0	3.6	1.0	3.1	304.3	348.4	16.4	57.0	0.0	0.
00.9	94.9	99.9	1000.0	99.9	94.9	99.9	99.9	99.9	99.9	59.6	999.9	99.9	999.9	999.9	999.9
0.7	R.0	149.8	975.0	26.7	19.7	175.0	5.6	-0.5	5.5	302.0	342.0	15.0	65.4	0.2	369.
1.4	10.3	149.2	950.0	24.6	19.8	140.4	4.3	0.0	4.3	302.2	341.1	14.5	69.8	0.4	352.
2.1	12.6	149.1	925.0	22.4	19.5	157.6	4.2	1.4	4.3	302.2	341.3	14.6	70.5	0.6	350.
2.9	15.0	1051.3	925.0	20.1	17.9	210.6	5.4	2.7	4.6	302.2	341.1	14.6	70.5	0.4	4.
3.7	17.4	1294.6	475.0	18.0	15.1	219.0	6.6	4.1	5.1	302.2	338.2	13.3	80.5	1.0	12.
4.5	19.8	1342.9	850.0	16.4	13.6	217.3	6.3	5.0	6.6	303.2	334.9	11.6	83.6	1.4	20.
5.4	22.3	1797.1	825.0	15.0	12.4	217.9	5.9	6.0	7.7	304.4	329.4	9.0	69.3	2.0	25.
6.6	24.8	2057.6	800.0	14.1	11.6	216.7	10.1	6.1	6.1	306.2	328.0	7.8	61.3	2.6	28.
7.5	27.1	2315.4	775.0	13.1	10.7	216.2	9.3	5.5	7.5	307.5	322.8	5.2	42.6	3.1	24.
8.5	29.9	2500.1	750.0	11.3	-3.1	214.2	8.1	4.5	6.7	308.5	320.4	4.0	35.7	3.6	30.
9.4	32.4	2743.0	725.0	10.5	-4.2	209.9	6.8	3.4	5.9	311.0	322.3	3.9	35.4	4.0	30.
10.6	35.1	3174.3	700.0	10.0	-10.2	213.5	7.1	3.9	5.9	313.2	321.3	2.5	23.1	4.5	30.
11.7	37.8	3476.1	675.0	8.8	-11.2	221.5	6.9	4.6	5.2	315.2	331.2	5.3	50.0	5.0	31.
12.9	40.6	3787.2	650.0	8.2	-9.7	232.2	6.7	5.3	4.1	315.5	334.3	6.2	68.0	5.4	32.
14.1	43.4	4108.4	625.0	4.4	-8.6	242.5	7.6	6.7	3.5	317.2	335.1	5.9	69.7	5.9	35.
15.3	46.2	4440.5	600.0	2.8	-2.7	253.6	8.4	8.2	2.1	319.2	335.2	5.3	67.3	6.4	37.
16.4	49.1	4783.9	575.0	0.3	-2.1	267.1	10.8	10.8	0.5	320.4	337.7	5.7	63.9	6.8	41.
17.7	52.1	5115.9	550.0	-1.1	-4.1	265.8	14.2	14.2	1.0	322.6	338.5	5.1	79.8	7.6	47.
19.0	55.1	5510.4	525.0	-3.1	-9.2	265.6	14.6	14.5	1.1	324.7	337.1	3.9	68.0	8.5	52.
20.4	58.3	5995.0	500.0	-5.9	-14.6	259.9	15.1	14.7	3.4	325.7	333.9	2.5	50.2	9.5	55.
22.0	61.4	6495.5	475.0	-8.4	-10.5	249.5	14.9	14.0	5.2	327.6	339.2	3.6	84.7	10.9	57.
23.7	64.8	6913.0	450.0	-11.3	-17.1	253.2	15.3	14.7	4.4	329.1	336.4	2.2	62.5	12.4	59.
25.2	68.1	7165.3	425.0	-14.4	-21.3	250.3	15.1	14.7	3.0	330.2	335.1	1.4	46.7	13.7	61.
26.7	71.6	7407.2	400.0	-16.1	-22.0	269.8	15.9	15.7	2.5	334.1	336.5	0.7	24.6	15.0	62.
28.5	75.1	8092.5	375.0	-17.1	-37.6	265.6	19.1	19.1	1.1	338.5	340.4	0.4	15.0	16.7	65.
30.2	78.9	8605.6	350.0	-21.2	-43.2	273.2	20.6	20.6	-1.1	340.2	341.0	0.2	10.5	19.7	67.
32.2	82.7	9147.8	325.0	-24.5	-46.8	272.2	21.7	21.5	-2.7	341.2	342.2	0.2	11.5	20.9	71.
34.2	86.3	9722.3	300.0	-30.2	-49.1	268.9	24.3	23.7	-5.4	342.2	343.3	0.1	13.4	23.4	74.
36.2	91.0	10337.1	275.0	-34.3	-52.1	269.6	25.1	23.6	-8.4	343.2	348.8	0.1	14.4	26.0	78.
38.4	95.4	10996.0	250.0	-40.2	-52.9	269.4	23.2	21.9	-7.7	343.2	349.9	0.9	99.9	28.0	81.
40.8	100.2	11704.8	225.0	-46.4	-59.4	279.0	21.9	21.9	-3.4	347.4	349.9	99.9	99.9	31.6	83.
43.5	105.2	12475.5	200.0	-52.1	-59.9	281.8	21.9	21.4	-4.5	348.7	349.8	99.9	99.9	34.9	85.
46.5	110.6	13262.2	175.0	-58.5	-59.9	292.5	27.2	25.1	-10.4	353.4	349.9	99.9	99.9	39.3	87.
49.5	116.5	14274.5	150.0	-64.7	-59.9	299.4	24.6	24.6	-8.7	358.2	349.9	99.9	99.9	44.1	90.
53.5	123.0	15171.8	125.0	-72.1	-59.9	299.7	20.7	18.8	-10.3	364.4	349.9	55.9	99.9	49.0	93.
57.9	130.3	16075.4	100.0	-71.2	-59.9	297.3	8.8	7.8	-4.0	360.1	349.9	99.9	99.9	52.1	94.
63.4	137.3	16917.7	75.0	-66.5	-59.9	254.4	4.4	6.3	1.2	429.2	349.9	99.9	99.9	53.1	96.
71.4	147.7	20482.1	50.0	-57.8	-59.9	98.2	10.7	-10.4	1.5	108.2	349.9	99.9	99.9	48.4	94.
83.9	157.0	25174.4	25.0	-49.4	-59.9	83.3	11.2	-11.1	-1.3	442.7	349.9	99.9	99.9	41.4	97.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 200
CENTERVILLE, ALABAMA

7 JUNE 1979
2303 GMT

197 10. 0

TIME MIN	CHTCT	HEIGHT GPH	PRES MB	TEMP DC C	DRP PT DC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V CG K	E POT V CG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	140.0	997.6	25.0	20.2	170.0	3.1	-0.5	3.1	302.4	342.0	15.1	59.0	0.0	0.
09.0	99.9	1000.0	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	0.8	348.0	975.0	26.7	20.3	166.3	3.3	-0.8	3.2	302.8	343.7	15.6	68.1	0.2	367.
1.6	11.1	573.5	950.0	25.0	17.9	172.9	3.1	-0.4	3.1	302.8	344.4	15.7	73.7	0.3	345.
2.4	13.4	807.6	925.0	27.5	18.6	190.1	3.6	0.5	3.6	302.8	344.8	14.7	78.4	0.5	351.
3.4	15.7	1048.2	900.0	20.7	17.6	213.7	3.5	2.2	3.2	302.5	341.2	14.3	82.4	0.6	158.
4.4	14.1	1290.1	875.0	19.0	15.3	213.2	4.3	3.4	5.3	303.2	337.7	12.6	78.1	0.9	128.
5.3	23.5	1539.4	850.0	17.4	13.6	213.5	7.5	3.8	6.5	304.3	336.1	11.7	78.7	1.2	178.
6.2	22.9	1758.3	825.0	16.6	13.0	213.1	6.6	4.7	7.2	305.1	336.5	11.4	68.4	1.7	218.
7.0	25.3	2075.9	800.0	14.2	10.4	217.9	7.7	4.7	6.0	306.3	333.8	10.0	77.8	2.1	248.
8.0	27.4	2176.1	775.0	12.6	9.3	222.7	7.6	5.2	5.6	307.4	333.1	9.6	80.5	2.5	278.
9.1	33.6	2598.2	750.0	11.6	2.6	219.6	7.1	6.5	5.5	309.2	327.4	6.3	55.3	3.9	298.
10.1	32.9	2982.5	725.0	11.1	-7.1	219.5	6.6	3.2	5.7	311.6	321.0	3.1	27.3	3.4	308.
11.1	35.6	3174.7	700.0	8.8	-5.7	221.7	5.3	3.5	3.9	313.4	325.9	4.2	38.5	3.7	308.
12.2	39.2	3476.1	675.0	6.2	0.2	241.7	4.9	4.3	2.3	314.6	331.9	5.8	57.5	4.3	328.
13.6	40.9	3792.0	650.0	6.4	3.7	253.6	5.6	5.3	1.9	316.2	336.6	6.2	66.8	4.3	358.
14.6	43.6	4108.0	625.0	3.8	3.0	257.5	7.1	7.0	1.5	316.9	335.2	6.2	72.2	4.7	388.
15.4	45.4	4439.2	600.0	2.1	-1.1	272.8	8.7	8.7	-0.4	318.5	336.7	5.4	72.7	5.1	418.
16.9	49.3	4782.1	575.0	-0.3	-0.9	271.9	10.1	10.1	-0.3	319.7	336.4	6.3	65.6	5.5	468.
18.1	52.1	5137.5	550.0	-1.8	-4.4	273.7	10.3	10.3	-0.7	321.5	337.4	5.0	62.6	6.1	538.
19.5	55.1	5508.9	525.0	-3.9	-6.1	274.1	10.6	10.7	-0.8	323.6	338.2	4.6	88.5	6.7	588.
20.0	59.3	5891.0	500.0	-6.3	-9.2	271.4	11.6	11.6	-0.3	325.4	337.4	3.8	80.1	7.6	528.
22.5	61.4	6290.5	475.0	-9.1	-14.6	269.5	13.3	13.3	0.1	326.7	335.2	2.6	65.4	8.0	668.
23.3	64.6	6707.9	450.0	-11.2	-24.7	271.7	15.5	15.9	-0.5	329.2	333.6	1.3	36.5	9.4	628.
25.5	67.3	7148.2	425.0	-14.0	-33.5	269.6	16.5	16.5	0.1	331.0	333.6	1.4	48.5	11.1	728.
27.2	71.3	7530.3	400.0	-15.9	-33.2	258.4	18.9	18.6	3.8	334.4	336.8	0.7	24.9	13.2	788.
28.7	74.9	8086.7	375.0	-17.4	-33.2	260.5	19.4	15.2	3.2	338.2	339.9	0.4	14.4	15.1	748.
30.7	79.4	8601.6	350.0	-21.3	-50.1	270.0	20.5	20.5	0.0	340.1	340.2	0.1	1.8	17.2	758.
32.4	83.3	9183.7	325.0	-25.8	-50.4	285.6	21.2	20.4	-5.7	341.2	341.4	0.1	4.3	19.1	788.
33.4	86.3	9718.2	300.0	-24.7	-50.7	282.3	22.6	20.9	-8.6	343.5	343.8	0.1	5.9	21.6	828.
35.5	90.5	10332.0	275.0	-34.5	-57.3	296.9	22.7	20.2	-10.2	344.6	344.9	0.1	8.1	23.9	858.
38.4	95.0	10898.6	250.0	-40.8	99.9	294.0	22.6	20.4	-9.5	345.4	344.9	95.9	95.9	26.6	898.
41.2	99.6	11697.9	225.0	-46.7	99.9	293.0	21.8	20.1	-8.5	346.5	346.0	99.9	99.9	29.5	918.
44.1	104.6	12467.9	200.0	-53.1	59.5	300.3	24.8	21.4	-12.5	348.8	349.9	99.5	99.9	33.2	948.
47.0	113.0	13317.3	175.0	-58.6	59.9	311.8	26.3	23.4	-13.8	352.5	349.9	99.9	99.9	37.4	988.
50.4	117.0	14268.9	150.0	-67.4	99.9	299.0	25.0	21.9	-17.1	355.7	349.8	99.9	99.9	42.3	1028.
53.3	122.5	15356.3	125.0	-73.3	99.9	307.3	18.6	18.8	-11.2	362.2	349.9	99.9	99.9	47.0	1068.
56.7	127.7	16598.5	100.0	-72.7	59.9	313.7	6.7	6.7	-6.4	367.4	349.9	99.9	99.9	50.3	1088.
60.7	137.7	18041.9	75.0	-67.4	59.9	45.2	8.5	-8.4	-5.6	431.6	349.9	99.9	99.9	53.6	1078.
72.3	160.7	20443.2	50.0	-57.6	59.9	90.5	8.9	-8.9	0.1	507.6	349.9	99.9	99.9	66.4	1088.
85.1	176.3	25331.0	25.0	-50.0	99.9	75.4	12.5	-12.1	-3.2	641.8	349.9	99.9	99.9	39.1	1138.

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

STATION NO. 229
CENTENVILLE, ALABAMA
8 JUNE 1979
209 GMT

TIME MIN	CMCT	MFLGHT GPM	PRES MB	TEMP OC C	DFW DT DG C	DIR DG	SPEED M/SEC	I COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG M	RE RTO GM/KG	RM PCT	RANGE KM	AZ DG
0-0	5-0	140-0	698.5	24.1	21-0	100-0	2-1	-2-1	0-4	297-4	339-0	15-9	83-0	0-0	0-
0-5	4-0	99-9	1003-0	99-9	53-9	99-9	99-9	99-9	99-9	99-6	99-9	99-9	99-9	99-9	99-9
0-7	4-1	350-7	975-0	26-0	21-9	141-5	10-3	-6-4	6-1	301-4	166-9	17-2	77-7	0-2	291-
1-5	10-4	590-2	550-0	24-8	21-0	142-4	7-3	-8-5	5-8	302-3	166-8	16-7	75-5	0-6	313-
2-5	12-7	814-5	525-0	23-1	17-7	166-3	6-9	-1-5	6-3	302-9	165-3	15-9	81-3	0-9	114-
3-4	17-0	1373-7	430-0	21-1	17-1	169-5	7-1	1-2	7-2	303-2	165-0	15-7	87-2	1-3	324-
4-2	17-4	1268-4	875-0	15-6	19-6	207-5	6-0	3-7	7-1	308-2	161-3	13-8	82-9	1-5	340-
5-1	17-8	1549-1	850-0	17-8	19-2	220-1	7-5	5-1	6-0	308-6	160-0	12-9	86-6	1-8	352-
6-1	22-1	1403-7	825-0	16-1	12-4	223-3	6-2	5-6	6-0	305-6	163-0	11-1	79-0	2-1	1-
6-9	25-9	2065-5	800-0	15-5	9-0	225-6	6-7	4-8	4-7	307-7	163-5	9-5	61-1	2-4	8-
7-9	27-3	2134-4	775-0	12-3	9-6	214-2	5-5	3-1	4-6	308-1	165-3	9-8	78-4	2-7	11-
8-7	32-2	2150-1	750-0	11-5	10-7	211-2	5-8	1-2	4-9	305-1	170-4	10-9	44-7	3-3	14-
9-0	32-4	2150-2	750-0	10-6	9-1	224-4	5-1	3-6	3-6	310-2	170-3	10-1	61-9	3-4	16-
13-3	35-1	3186-8	700-0	9-1	6-4	236-9	4-5	4-1	2-7	312-2	177-3	6-7	83-2	3-6	19-
11-0	40-4	3799-7	675-0	8-0	2-5	231-1	5-3	4-1	3-3	316-7	176-7	6-8	68-1	3-9	22-
13-0	43-6	3799-7	650-0	6-3	4-4	219-4	6-1	3-5	5-0	316-1	176-8	6-1	67-9	4-2	23-
14-1	43-3	4120-4	625-0	2-5	2-5	225-0	6-1	4-3	4-3	316-2	176-8	7-4	93-1	4-6	24-
15-4	46-1	4452-0	600-0	2-1	1-0	241-7	6-7	5-9	3-2	318-6	179-0	6-9	91-9	5-0	27-
16-6	43-0	4795-2	575-0	0-1	-1-3	251-6	6-3	6-0	2-3	320-1	175-4	6-1	90-0	5-4	31-
18-0	52-0	5150-9	550-0	-1-9	-5-1	238-8	9-1	8-9	1-8	321-8	176-4	4-8	78-9	5-9	36-
19-3	53-0	5520-0	525-0	-3-0	-17-7	249-4	9-0	6-4	3-2	328-2	176-4	2-7	47-1	6-5	40-
20-6	53-1	5978-9	500-0	-4-6	-24-2	265-8	11-1	11-0	0-8	327-2	176-4	0-8	15-2	7-2	43-
22-3	61-3	6107-1	475-0	-6-9	-46-7	283-2	14-0	13-6	-3-2	329-4	179-9	0-1	2-5	7-9	50-
23-4	64-6	6720-3	450-0	-10-2	-35-9	294-6	16-7	15-7	-5-6	330-2	179-9	0-4	10-0	4-6	57-
25-2	64-0	7163-0	425-0	-14-4	-34-6	287-9	16-6	17-7	-5-7	330-2	179-9	0-3	10-6	5-8	66-
28-5	71-4	7620-4	400-0	-16-7	-32-0	282-3	20-2	19-4	-4-3	332-2	177-7	0-1	3-7	11-3	72-
29-5	73-0	8108-7	375-0	-17-8	-37-7	292-8	21-2	20-6	-4-7	336-0	176-8	0-0	1-6	13-6	77-
30-7	78-7	8617-3	350-0	-21-4	-44-9	293-3	20-5	19-3	-6-8	339-6	176-8	0-0	2-8	15-7	81-
32-7	82-7	9159-9	325-0	-25-9	-52-0	296-2	20-8	18-7	-9-2	341-0	176-8	0-1	6-5	17-8	85-
34-7	88-7	9738-5	300-0	-25-7	-54-9	294-5	19-3	17-6	-8-0	343-8	176-8	0-1	6-6	20-0	89-
37-0	91-0	10147-8	275-0	-31-3	-55-5	291-0	19-1	18-1	-6-9	348-2	176-8	0-1	10-6	22-3	92-
38-4	93-4	11708-4	250-0	-40-9	-60-9	293-7	20-4	18-6	-8-2	345-2	176-8	0-1	99-9	25-0	94-
42-3	102-2	11711-7	225-0	-46-6	-59-9	300-5	23-7	20-4	-12-0	347-6	176-8	0-1	99-9	28-3	97-
45-1	105-3	12483-4	200-0	-52-8	-59-9	307-5	24-1	19-1	-14-6	349-2	176-8	0-1	99-9	32-3	100-
48-5	111-8	13331-5	175-0	-58-0	-59-9	309-1	24-0	18-4	-15-1	352-2	176-8	0-1	99-9	35-6	104-
51-9	117-0	14284-2	150-0	-61-7	-60-9	309-9	23-7	18-2	-15-2	354-2	176-8	0-1	99-9	41-2	107-
55-8	124-5	15371-5	125-0	-67-2	-60-9	314-9	18-9	12-0	-11-9	362-2	176-8	0-1	99-9	48-5	109-
60-2	131-0	16465-3	100-0	-72-4	-60-9	338-0	8-2	3-1	-7-6	367-2	176-8	0-1	99-9	48-5	111-
66-7	131-3	16375-6	75-0	-62-1	-60-9	338-0	8-2	3-1	-7-6	367-2	176-8	0-1	99-9	48-5	111-
74-6	143-7	20470-1	50-0	-55-3	-59-9	73-8	9-1	-8-8	-2-3	430-4	176-8	0-1	99-9	45-6	113-
84-3	154-5	25313-6	25-0	-50-9	-59-9	84-4	15-3	-15-3	-1-5	638-7	176-8	0-1	99-9	37-1	126-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

8 JUNE 1979
0606 GMT

189 9. 0

TIME MIN	CNTCT	WPTGHT GPM	PRES HA	TEMP DC C	DEW PT DC C	DIR DC	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DC %	E POS Y DC %	MZ RTO GM/KG	AM PCT	RANGE KM	AZ DC
00.0	0.0	140.0	999.0	23.1	22.4	180.0	3.1	0.0	3.1	266.2	326.2	15.4	85.0	0.0	0.0
00.9	99.9	99.9	1000.0	95.9	95.9	99.9	95.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	0.2	354.0	975.0	27.4	19.8	184.0	9.2	-4.2	8.0	300.7	340.8	15.1	71.4	0.5	325.0
1.4	10.5	582.0	953.0	24.0	19.3	197.7	8.7	-3.1	7.5	301.2	341.8	15.0	74.7	0.9	330.0
2.5	12.0	916.1	929.0	21.7	19.1	172.1	7.0	-1.0	6.9	301.7	342.8	15.2	85.0	1.3	333.0
3.4	15.1	1054.2	923.0	20.6	17.9	194.7	6.9	1.7	6.7	302.7	341.7	14.6	84.0	1.6	341.0
4.1	17.5	1297.7	875.0	18.1	16.3	206.9	5.5	2.5	4.9	302.6	338.0	13.8	89.2	1.9	347.0
5.3	19.9	1545.8	853.0	15.9	14.6	209.1	6.1	2.5	5.6	302.8	339.3	12.4	91.8	2.1	351.0
6.3	22.4	1700.0	825.0	14.6	11.3	187.7	5.8	0.8	5.8	304.1	337.4	10.3	80.8	2.5	356.0
7.3	24.9	2060.5	813.0	13.9	7.0	195.5	4.0	1.1	3.6	306.5	326.1	7.9	63.0	2.8	357.0
8.3	27.4	2324.5	775.0	11.2	9.9	186.9	2.0	0.2	2.0	309.1	331.9	7.0	57.0	2.9	359.0
9.5	30.0	2603.4	750.0	10.6	7.1	184.2	1.4	-0.4	1.3	308.1	331.9	8.5	78.5	3.1	358.0
10.7	32.6	2882.0	723.0	8.2	7.4	181.9	0.5	-0.5	0.2	309.5	335.0	9.0	85.1	3.1	358.0
11.9	35.2	3177.1	700.0	6.1	5.9	175.1	1.2	-0.1	1.2	311.2	335.3	8.4	86.0	3.1	357.0
13.0	37.9	3477.5	675.0	6.9	4.0	214.2	3.1	1.7	2.6	313.4	335.3	7.6	81.6	3.3	359.0
14.2	40.7	3787.5	653.0	5.3	0.8	207.9	3.5	1.8	3.4	315.8	333.5	6.3	72.4	3.5	1.0
15.4	43.3	4107.3	627.0	2.9	1.3	224.6	5.0	3.3	3.8	315.8	335.8	6.8	89.4	3.7	4.0
16.5	45.1	4437.7	600.0	1.3	-0.8	233.5	6.3	5.0	3.7	317.6	335.6	6.0	85.7	4.0	8.0
17.7	47.0	4779.1	573.0	-0.8	-7.9	253.3	6.6	6.4	1.7	319.1	330.4	3.7	98.4	4.3	12.0
19.1	50.0	5132.4	550.0	-3.9	-12.1	257.7	7.4	7.2	1.6	319.4	327.7	2.6	90.2	4.5	19.0
20.5	53.0	5486.9	525.0	-5.7	-17.9	251.8	9.3	8.8	2.9	321.5	327.3	1.8	37.5	5.0	29.0
21.9	54.1	5811.4	503.0	-5.2	-13.2	262.0	11.1	11.0	1.5	326.7	326.9	0.1	1.0	5.6	32.0
23.2	61.4	6182.4	475.0	-7.9	-4.4	277.5	13.9	13.8	-1.8	328.5	328.7	0.1	2.0	6.2	42.0
24.5	64.6	6559.9	450.0	-11.2	-11.9	287.7	17.1	16.2	-5.2	329.2	329.5	0.1	1.9	6.9	50.0
26.3	64.6	7136.0	425.0	-14.2	-17.9	293.4	20.4	18.7	-8.1	330.7	331.0	0.1	2.1	7.6	62.0
28.1	71.4	7564.5	403.0	-15.1	-17.5	291.2	22.7	21.1	-8.2	335.4	333.5	0.0	1.0	9.5	71.0
30.2	75.1	8075.7	375.0	-16.3	-11.6	299.7	21.3	20.0	-7.6	337.2	337.4	0.0	1.0	11.9	81.0
32.1	74.9	8591.2	353.0	-22.2	-14.6	295.9	20.4	18.3	-8.9	338.9	339.0	0.0	1.0	16.1	86.0
34.3	82.7	9131.5	325.0	-24.0	-16.3	300.0	15.4	16.8	-9.7	340.4	341.1	0.1	3.9	16.3	91.0
36.5	86.7	9705.6	300.0	-30.8	-15.5	294.7	18.9	17.1	-7.9	341.6	342.1	0.0	4.7	14.5	92.0
38.9	91.0	10315.8	275.0	-36.3	-17.7	291.8	19.9	18.1	-7.3	342.6	342.8	0.1	8.8	21.0	97.0
41.4	95.4	10965.6	250.0	-41.7	-17.9	300.5	21.2	18.3	-11.0	344.1	343.8	99.9	659.9	24.0	99.0
44.2	102.3	11675.6	225.0	-46.9	-17.9	310.5	23.6	17.9	-15.3	346.6	343.8	99.9	999.9	27.4	103.0
47.3	115.4	12487.1	203.0	-52.9	-17.9	313.7	23.0	17.6	-14.9	348.1	343.8	99.9	959.9	31.1	104.0
50.2	113.8	13255.4	175.0	-55.3	-17.9	311.7	22.8	16.5	-15.7	352.0	343.8	99.9	959.9	35.0	110.0
53.5	115.8	14244.9	150.0	-62.8	-17.9	323.3	21.5	13.7	-16.5	355.1	343.8	99.9	959.9	39.0	112.0
57.7	123.5	15225.7	125.0	-73.9	-17.9	318.7	19.1	13.1	-13.9	361.2	343.8	99.9	959.9	43.4	113.0
62.1	132.7	16119.3	100.0	-75.6	-17.9	341.1	9.7	3.1	-9.2	341.6	343.8	99.9	959.9	47.5	117.0
64.4	132.0	17115.5	75.0	-70.2	-17.9	341.1	5.1	-4.8	-1.6	425.7	343.8	55.5	559.9	47.1	118.0
70.9	144.3	20786.1	50.0	-80.3	-17.9	341.1	10.3	-9.9	-2.9	501.4	343.8	99.9	999.9	44.0	122.0
93.5	154.0	25395.2	25.0	-85.6	-17.9	341.1	13.8	-13.8	-3.2	642.1	343.8	59.9	999.9	35.9	134.0

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 229
CENTERVILLE, ALABAMA

8 JUNE 1976
000 GMT

TIME MIN	CHYCT	WEIGHT GPH	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	PCY 1 DG K	E POT 1 DG K	WX WTD GM/KG	RH PCT	RANGE KM	AZ DG
0-0	7-2	140-0	999-4	22-7	21-3	190-0	2-0	0-5	2-0	295-8	337-9	16-2	92-0	0-0	0-
0-5	9-9	94-9	1000-0	55-0	50-9	99-9	99-9	99-9	99-9	99-5	99-0	99-9	99-9	99-9	99-9
0-6	9-4	357-9	975-0	24-9	22-0	243-0	4-9	4-4	2-1	300-2	345-9	17-3	83-8	0-3	21-
1-3	11-7	586-3	950-0	23-5	19-3	243-9	4-9	4-4	2-1	301-1	341-0	15-0	77-2	0-5	42-
2-0	14-1	815-5	925-0	22-1	19-8	211-9	3-7	1-9	3-1	302-6	344-4	16-0	66-7	0-6	48-
2-6	16-5	1054-3	900-0	20-9	18-0	164-7	5-0	-1-3	4-0	303-1	344-9	15-6	68-9	0-6	37-
3-8	18-9	1302-2	875-0	15-2	17-1	163-8	5-9	-1-7	5-7	303-8	342-0	14-2	87-4	1-0	22-
4-6	21-3	1541-7	850-0	17-1	16-1	164-6	5-9	-1-6	5-7	304-1	341-1	13-7	93-9	1-0	13-
5-4	23-8	1406-6	825-0	15-4	14-4	161-1	6-3	-2-0	6-0	304-5	338-4	12-7	93-9	1-5	7-
6-3	25-3	2064-3	820-0	14-9	13-1	165-9	5-2	-0-9	5-1	306-4	336-4	12-0	91-4	1-8	3-
7-2	27-8	2376-6	775-0	12-7	11-6	189-3	5-1	0-7	5-0	307-2	336-4	11-2	92-7	2-0	3-
8-1	31-4	2612-4	750-0	11-3	10-1	185-4	4-8	0-5	4-8	3-8-2	338-0	10-5	92-6	2-3	4-
8-7	34-0	2495-4	725-0	5-8	5-7	173-3	3-3	-0-4	3-3	310-2	332-9	8-0	75-5	2-5	3-
9-5	36-7	3187-7	700-0	5-1	4-9	169-7	1-5	0-2	1-5	312-6	335-2	7-8	74-9	2-7	3-
10-9	39-4	3456-0	675-0	7-7	2-4	234-9	1-7	1-4	1-0	314-1	334-0	6-8	68-8	2-7	3-
11-8	42-1	3799-8	650-0	6-0	3-1	253-2	3-2	3-1	0-9	315-7	337-4	7-4	81-8	2-8	6-
12-8	45-9	4120-3	625-0	3-5	0-3	257-7	4-1	4-0	0-9	316-4	335-0	6-3	79-5	2-8	10-
13-8	47-8	4451-6	600-0	2-9	-0-9	255-4	5-7	5-5	1-4	319-2	331-3	3-8	48-6	3-0	15-
14-9	53-8	4794-6	575-0	-0-3	-7-3	250-7	6-7	6-5	1-5	319-7	331-5	3-8	58-9	3-2	22-
16-0	53-8	5174-6	550-0	-2-8	-13-9	244-1	7-1	7-1	0-7	320-7	330-2	3-0	53-6	3-5	28-
17-2	56-8	5516-1	525-0	-5-0	-18-4	274-5	9-1	9-1	-0-7	322-4	328-8	2-3	46-1	3-8	36-
18-5	61-0	5858-6	500-0	-6-1	-27-6	278-9	11-8	11-7	-1-8	325-7	328-4	0-6	16-2	4-2	45-
19-6	64-1	6299-1	475-0	-7-8	-34-8	291-1	12-6	11-8	-4-5	328-4	328-6	0-0	1-0	4-8	54-
21-0	64-4	6717-4	450-0	-10-4	-50-5	301-8	14-4	12-2	-7-6	330-2	330-4	0-0	1-0	5-3	65-
22-4	69-8	7156-0	425-0	-11-9	-57-5	308-4	19-8	17-1	-10-0	333-7	333-9	0-0	1-0	6-2	76-
24-3	73-1	7617-7	400-0	-14-0	-54-8	301-3	20-3	17-4	-10-6	336-8	337-0	0-0	1-0	7-6	86-
25-5	76-9	8103-9	375-0	-17-8	-61-3	305-3	20-4	17-2	-11-0	338-0	338-1	0-0	1-0	9-3	93-
27-1	82-5	8615-9	350-0	-21-8	-65-2	305-4	18-8	15-4	-10-9	339-4	338-6	0-1	3-1	11-0	98-
29-0	84-4	9156-2	325-0	-26-5	-65-9	302-8	17-5	14-7	-9-5	340-1	340-6	0-1	6-6	12-8	102-
31-0	84-5	9729-9	300-0	-30-3	-66-3	291-5	17-1	5-9	-6-3	342-7	342-9	0-1	5-9	14-8	104-
32-8	92-7	10342-6	275-0	-35-4	-66-6	294-2	16-8	15-3	-6-9	343-5	344-2	0-1	9-3	16-6	105-
34-9	97-2	10598-5	250-0	-40-2	-67-9	314-7	15-8	14-6	-13-4	346-2	349-8	99-9	99-9	18-7	107-
37-4	102-0	11788-3	225-0	-46-1	-69-9	314-9	19-0	13-8	-13-0	347-5	349-9	99-9	99-9	21-4	111-
39-9	107-0	12481-5	200-0	-51-9	-69-9	319-9	20-1	13-8	-14-7	350-2	349-9	99-9	99-9	25-1	114-
42-7	112-5	13334-7	175-0	-58-4	-69-9	317-1	20-6	14-2	-15-3	352-2	349-9	99-9	99-9	27-1	117-
45-4	118-5	14243-7	150-0	-67-0	-69-9	321-9	19-3	11-1	-15-8	354-7	349-9	99-9	99-9	30-5	119-
49-0	125-0	15382-7	125-0	-74-4	-69-9	319-8	16-4	10-7	-12-7	360-2	349-9	99-9	99-9	31-6	122-
53-0	132-6	16054-0	100-0	-74-9	-69-9	354-1	11-7	1-6	-11-4	363-2	349-9	99-9	99-9	32-3	123-
57-9	139-7	16954-0	75-0	-85-6	-69-9	59-4	7-2	-5-7	-4-4	427-6	349-9	99-9	99-9	37-0	126-
65-3	144-3	20428-4	50-0	-100-1	-69-9	73-0	13-0	-12-8	-3-3	601-4	349-9	99-9	99-9	38-3	132-
77-5	157-0	25274-6	25-0	-109-6	-69-9	92-4	5-7	-9-7	0-4	642-0	349-9	99-9	99-9	29-6	146-

0-9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0-9Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

8 JUNE 1979
1100 GMT

197 0. 0

TIME MIN	CATCY	WEIGHT GPM	PRES WB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	HR RTO GM/1G	PH PCT	RANGE KM	AZ DEG
0.0	0.0	140.0	1032.0	22.7	21.9	180.0	2.0	0.0	2.0	295.5	339.2	16.0	95.0	0.0	0.
00.0	00.0	1000.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
0.9	9.2	362.0	975.0	23.6	19.4	280.3	4.5	4.4	-0.8	299.0	337.9	14.8	77.3	0.2	47.
1.4	11.5	585.7	953.0	23.6	17.3	265.3	2.6	2.5	0.2	300.5	336.3	13.3	69.1	0.4	73.
2.6	13.7	822.7	925.0	22.0	16.3	216.8	1.4	0.8	1.1	301.5	340.6	14.5	79.4	0.4	73.
3.5	14.1	1060.9	920.0	20.0	13.1	171.0	4.1	-0.6	4.0	302.2	344.0	15.7	54.4	0.5	81.
4.4	14.5	1304.2	875.0	16.3	12.2	141.1	6.3	0.1	6.3	302.6	341.1	14.3	63.5	0.6	35.
5.1	23.9	1522.8	853.0	16.3	15.4	183.5	6.6	0.4	6.9	303.2	338.6	13.1	64.5	1.0	24.
6.2	21.3	1407.2	853.0	14.7	13.8	171.7	6.9	-0.6	6.9	304.2	337.2	12.2	94.1	1.3	14.
7.2	25.7	2067.8	820.0	12.3	12.3	171.0	6.5	-1.1	6.8	305.2	336.4	11.3	63.8	1.7	11.
9.1	29.3	2335.2	775.0	12.0	10.9	159.1	5.3	-1.9	4.9	306.7	336.2	10.7	93.2	2.0	8.
9.1	33.9	2709.9	750.0	10.4	9.6	147.2	4.0	-2.2	3.4	307.5	335.9	10.1	54.6	2.3	3.
11.0	33.3	2192.2	725.0	6.7	7.8	134.3	2.4	-1.7	1.7	309.0	334.9	9.2	94.0	2.4	1.
11.2	15.0	3125.3	703.0	7.1	6.1	122.3	1.3	-0.6	1.1	310.4	333.8	8.5	93.2	2.5	359.
12.1	34.7	3131.4	675.0	5.3	4.1	113.7	1.8	1.0	1.5	311.0	333.8	7.7	51.8	2.5	159.
13.0	41.3	3743.4	653.0	3.9	2.9	225.1	4.1	2.9	2.9	313.3	330.5	6.3	93.4	2.6	1.
13.0	46.1	4125.0	625.0	1.6	3.3	237.6	5.6	4.8	3.0	314.2	332.8	6.3	60.8	2.8	5.
14.0	45.9	4435.4	603.0	-1.0	-13.5	254.8	7.2	6.9	1.9	315.0	322.0	2.2	37.9	3.0	12.
16.1	42.8	4775.2	573.0	-2.0	-11.0	243.2	7.6	7.7	0.7	317.7	320.0	2.7	46.5	3.3	21.
17.5	34.9	5127.4	553.0	-3.9	-14.0	279.1	7.6	7.7	-1.2	319.2	320.9	1.7	32.4	3.5	31.
18.8	51.8	5493.0	533.0	-5.6	-53.5	262.7	9.6	9.3	-2.1	321.7	321.9	0.0	1.0	3.8	40.
22.0	54.9	5474.5	503.0	-6.5	-54.0	279.5	10.1	10.0	-1.7	325.2	325.4	0.0	1.0	4.2	53.
21.3	62.0	6274.2	475.0	-7.7	-54.8	265.9	10.8	10.4	-3.0	328.5	324.7	0.0	1.0	4.7	57.
22.7	65.3	6691.5	453.0	-6.3	-55.8	302.6	14.5	11.2	-6.3	331.0	331.7	0.0	1.0	5.3	68.
24.4	63.9	7133.3	435.0	-11.4	-57.4	317.1	17.9	12.2	-13.1	333.0	330.0	0.0	1.0	6.1	42.
26.1	71.3	7595.6	423.0	-13.7	-59.6	315.5	17.0	11.9	-12.1	337.2	337.4	0.0	1.0	7.5	95.
28.3	75.7	8082.7	375.0	-17.7	-61.2	317.5	15.8	10.7	-11.6	338.1	336.3	0.0	1.0	10.3	103.
33.3	73.4	4594.5	353.0	-22.4	-64.2	323.6	15.8	9.4	-12.7	338.4	336.7	0.0	1.0	10.3	104.
31.9	81.2	9118.0	323.0	-24.6	-64.9	322.2	15.5	5.4	-12.2	340.1	340.1	0.0	1.0	11.8	113.
33.2	87.2	9701.8	300.0	-31.2	-63.9	313.6	15.5	11.6	-10.1	341.2	341.5	0.0	1.0	13.5	117.
34.3	81.5	10117.1	275.0	-36.2	-73.2	304.3	16.3	13.2	-9.7	342.0	342.9	0.0	1.0	15.7	114.
36.7	91.9	10771.2	240.0	-41.1	-59.9	318.0	17.5	11.7	-13.0	345.0	345.9	95.9	95.9	19.1	120.
41.2	103.6	11680.6	225.0	-45.5	92.9	321.4	19.7	11.7	-15.0	348.0	349.9	99.9	99.9	20.7	123.
44.2	105.4	12635.2	203.0	-52.0	52.9	321.1	18.0	11.3	-14.0	350.0	349.9	99.9	99.9	23.9	126.
47.2	111.3	13305.8	175.0	-55.4	59.9	322.5	16.5	10.0	-13.1	352.0	349.9	99.9	95.9	27.3	127.
51.3	117.3	14748.2	153.0	-66.6	93.9	337.7	15.6	5.9	-14.4	355.4	349.9	99.9	99.9	30.1	130.
45.1	125.9	15138.2	125.0	-72.9	59.9	338.8	16.6	8.2	-14.7	355.9	349.9	95.9	99.9	31.5	133.
52.9	111.0	16438.5	100.0	-74.7	92.9	2.7	11.5	-2.6	-11.0	363.5	349.9	99.9	95.9	37.9	135.
65.7	134.7	17375.7	75.0	-65.3	92.9	61.1	9.0	-7.9	-4.4	427.6	349.9	99.9	95.9	34.3	139.
74.1	147.3	20121.2	50.0	-56.8	59.9	79.8	12.4	-12.7	-2.3	504.9	349.9	99.9	95.9	36.6	148.
87.1	144.3	25257.8	25.0	-51.4	92.9	85.2	12.4	-12.3	-1.0	637.2	349.9	99.9	95.9	33.1	163.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE (R TIME HAVE BEEN INTERPOLATED)
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA
7 JUNE 1979
2000 GMT 1579

156 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DC C	DEB PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC M	E POT T DC K	MR RTO CM/SEC	RM -CT	RANGE KM	AZ DG
0.0	9.1	1.0	1019.1	25.9	23.1	170.0	5.1	-0.9	5.0	301.6	349.2	17.9	67.0	0.0	0.
0.1	5.2	125.9	1009.0	26.7	20.7	999.9	59.9	99.9	99.9	299.8	340.9	15.6	69.7	999.9	999.
0.2	7.0	349.7	975.0	25.3	20.5	499.9	95.9	91.9	99.9	300.4	342.4	15.8	74.5	999.9	999.
1.5	9.1	578.5	950.0	23.6	20.0	999.9	95.9	99.9	99.9	301.1	342.7	15.7	80.1	999.9	999.
2.5	11.0	811.5	925.0	21.4	14.4	699.9	95.9	99.9	99.9	301.2	340.1	14.6	83.1	999.9	999.
3.6	13.2	1049.2	900.0	20.4	11.9	167.6	5.3	-1.1	5.2	302.6	332.9	11.2	86.2	1.2	361.
4.6	13.3	1392.5	875.0	18.8	12.2	167.0	5.8	-1.7	5.5	303.4	331.5	10.3	85.4	1.6	361.
5.7	17.4	1361.2	850.0	17.4	17.0	160.6	4.2	-1.4	4.7	304.4	329.5	9.1	81.6	1.9	362.
6.9	19.6	1196.2	825.0	17.1	-3.5	181.9	3.1	0.1	3.1	306.7	319.8	4.5	30.3	2.1	362.
8.0	21.7	2357.9	800.0	15.9	-3.2	195.3	2.7	0.7	2.6	308.1	319.2	3.8	26.7	2.3	344.
9.1	24.1	2326.7	775.0	14.9	-4.0	233.7	2.6	2.0	1.7	309.8	319.0	2.7	16.7	2.4	347.
10.1	26.3	2333.3	750.0	13.6	-10.6	233.6	3.3	2.8	1.7	311.4	318.4	2.3	17.5	2.5	352.
11.4	29.8	2887.5	725.0	11.9	-13.2	272.4	3.6	3.8	-0.0	312.5	319.0	2.1	17.2	2.5	357.
12.5	31.3	3180.3	700.0	10.7	-14.5	275.0	3.6	3.6	-0.3	314.3	319.1	1.5	13.1	2.5	3.
13.6	33.0	3481.9	675.0	9.2	-19.3	241.7	3.5	3.1	1.6	316.4	320.0	1.2	11.4	2.5	7.
14.9	34.4	3793.9	650.0	8.4	-23.1	214.8	5.2	3.0	4.3	318.4	323.4	1.2	11.2	2.8	11.
16.1	39.1	4116.6	625.0	6.8	-24.4	207.1	6.0	2.7	5.4	320.3	323.2	0.9	6.6	3.2	14.
17.4	41.6	4453.5	600.0	5.0	-16.0	209.9	5.2	2.6	4.5	321.5	327.8	1.8	20.1	3.6	15.
18.6	44.4	4796.3	575.0	3.6	-14.1	224.6	6.4	4.5	4.5	323.1	328.4	1.6	19.9	4.1	17.
20.3	47.4	5154.6	550.0	0.6	-20.8	231.6	6.5	5.4	4.4	324.8	329.2	1.3	18.2	4.6	21.
21.7	53.3	5526.0	525.0	-1.9	-17.6	240.6	8.3	7.3	3.9	326.1	335.1	2.8	44.2	5.1	25.
23.3	57.3	5912.4	500.0	-4.8	-7.6	254.6	10.0	9.7	2.7	327.1	340.8	4.3	60.9	5.5	32.
24.7	58.3	6314.9	475.0	-7.0	-0.4	253.0	11.0	10.5	3.2	329.4	342.0	4.0	62.8	6.4	37.
26.3	59.6	6715.2	450.0	-5.9	-13.8	253.1	11.0	10.7	2.8	330.8	340.4	2.9	73.4	7.4	42.
29.0	63.0	7174.1	425.0	-17.6	-17.4	243.2	6.8	6.6	-1.7	332.8	340.5	2.3	67.1	8.1	46.
29.9	65.4	7616.5	400.0	-13.5	-49.6	374.8	7.3	4.2	-6.0	337.5	337.9	0.1	3.0	8.1	51.
31.4	73.1	8134.6	375.0	-16.5	-51.1	321.4	7.4	4.6	-5.8	339.8	340.1	0.1	3.2	8.1	57.
33.7	73.7	8639.6	350.0	-20.5	-47.5	315.4	7.4	5.2	-5.2	341.2	341.6	0.1	6.8	8.3	63.
35.7	77.8	9142.4	325.0	-25.3	-46.2	310.9	9.1	6.8	-5.9	341.8	342.5	0.2	12.4	8.6	69.
37.7	91.9	9758.6	300.0	-35.2	-46.3	291.7	7.5	6.9	-2.8	344.2	343.0	0.2	17.7	9.3	74.
43.0	96.0	10373.6	275.0	-38.2	-41.9	271.8	6.2	6.2	-0.2	346.5	343.3	0.2	20.8	10.1	77.
42.7	93.8	11032.3	250.0	-40.4	-59.9	265.3	8.3	8.3	0.1	346.0	349.9	99.9	99.9	11.1	79.
45.4	95.8	11741.2	225.0	-46.5	99.9	270.0	11.5	11.5	-0.0	347.2	349.9	99.9	99.9	11.8	79.
47.2	101.0	12411.8	200.0	-53.0	59.9	280.0	11.2	11.0	-1.9	348.6	349.9	99.9	99.9	14.7	81.
50.9	107.0	13159.3	175.0	-59.8	67.9	275.7	9.2	9.1	-0.9	351.2	349.5	99.9	99.9	16.2	83.
54.2	113.5	14304.9	150.0	-67.6	99.9	265.5	9.4	9.4	0.1	353.7	349.9	99.9	99.9	18.0	84.
57.0	120.7	15383.8	125.0	-73.7	59.9	311.9	6.7	5.0	-4.6	361.2	349.9	99.9	99.9	19.8	84.
62.0	130.0	16670.9	100.0	-76.8	59.9	265.9	3.4	3.4	0.2	379.2	349.9	99.9	99.9	19.9	89.
67.4	134.0	19360.4	75.0	-87.9	53.9	79.5	7.7	-7.6	-1.4	430.4	349.9	99.9	99.9	18.5	91.
74.9	147.1	20351.1	50.0	-98.1	59.9	98.3	11.6	-11.6	1.9	506.4	349.9	99.9	99.9	13.9	90.
85.9	157.0	25312.0	25.0	-49.2	99.9	84.6	16.8	-16.7	-1.6	643.2	349.9	99.9	99.9	4.4	87.

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

STATION NO. 232
BOOTHVILLE, LOUISIANA
7 JUNE 1978
2300 GMT

TIME MIN	CHTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG M	MR RTO CM/AG	RM PCT	RANGE KM	AZ DEG
0.0	4.0	1.0	1013.5	29.3	23.5	150.0	4.1	-2.1	3.6	301.3	349.7	18.3	71.0	0.0	0.0
0.4	5.0	120.6	1000.0	27.0	23.2	136.0	4.1	-2.0	2.9	300.2	348.2	18.3	70.8	0.3	337.0
1.3	6.9	345.3	975.0	24.4	22.1	147.2	4.0	-2.5	3.9	300.7	346.9	17.5	62.3	0.4	329.0
2.2	4.8	573.5	950.0	25.3	21.4	148.1	4.0	-2.6	4.2	300.8	346.2	17.2	69.3	0.7	330.0
3.0	13.8	806.6	925.0	25.9	19.8	153.1	5.2	-2.6	5.2	300.7	345.6	16.0	69.5	1.0	330.0
3.8	12.8	1043.3	900.0	17.4	11.5	161.3	5.2	-1.8	5.5	299.4	323.6	9.7	69.0	1.3	331.0
4.8	14.9	1284.6	875.0	18.6	6.7	170.1	5.0	-0.2	5.0	303.1	325.5	8.1	56.3	1.5	336.0
5.4	17.0	1523.7	850.0	17.2	8.4	183.5	4.4	0.3	4.4	304.2	326.8	8.2	56.1	1.8	339.0
6.8	18.2	1747.8	825.0	17.0	-5.1	172.5	2.2	-0.3	2.2	306.4	315.9	3.2	21.6	2.0	341.0
7.6	21.3	2049.7	800.0	18.7	-8.0	150.3	1.3	-0.5	1.2	309.2	317.0	2.7	17.8	2.1	341.0
8.5	23.4	2319.2	775.0	15.7	-12.9	161.4	0.9	-0.5	0.8	310.7	316.3	1.8	12.7	2.1	341.0
9.5	25.6	2596.1	750.0	14.1	-13.7	113.5	0.7	-0.6	0.3	311.5	317.4	1.8	13.2	2.2	341.0
10.6	27.9	2881.0	725.0	13.0	-15.1	113.7	0.8	-0.6	0.3	313.7	318.5	1.5	11.6	2.2	340.0
11.6	33.3	3175.2	700.0	12.3	-15.7	198.0	2.1	0.6	2.0	316.2	321.3	1.6	12.5	2.2	342.0
12.7	37.6	3479.0	675.0	11.4	-18.5	220.5	3.6	2.3	2.7	318.2	323.7	1.3	10.5	2.4	346.0
13.4	35.1	3792.8	650.0	9.3	-18.9	228.0	4.2	2.9	3.0	319.2	323.8	1.3	11.7	2.5	350.0
15.1	37.6	4116.4	625.0	7.5	-19.7	225.3	3.6	2.5	2.7	321.0	325.3	1.3	12.4	2.7	358.0
16.3	43.1	4451.1	600.0	5.1	-19.0	220.5	3.7	2.7	2.6	322.1	326.7	1.4	13.5	2.9	359.0
17.4	42.7	4797.0	575.0	2.7	-17.0	238.9	3.7	3.2	1.9	323.2	328.9	1.7	21.7	3.1	3.0
19.0	45.4	5144.8	550.0	0.1	-20.6	241.0	4.2	4.2	2.3	324.2	328.7	1.3	19.2	3.3	6.0
20.4	49.2	5525.9	525.0	-2.7	-18.9	243.5	6.4	6.4	0.7	325.2	335.3	3.2	53.5	3.5	14.0
23.7	51.1	5910.9	500.0	-5.0	-18.7	269.8	10.0	10.0	0.2	327.2	337.8	3.4	68.3	3.7	25.0
24.9	57.0	6312.4	475.0	-7.4	-17.2	262.1	11.5	11.4	1.6	328.2	338.6	1.8	38.3	4.3	37.0
26.6	62.1	6732.5	450.0	-6.8	-34.0	265.4	9.1	9.1	0.6	332.2	333.9	0.5	10.8	5.0	44.0
28.4	63.4	7173.9	425.0	-10.9	-37.8	241.8	7.5	7.3	-1.5	334.5	334.2	0.3	8.8	5.6	51.0
32.2	68.9	8121.3	375.0	-16.9	-39.6	298.4	7.7	6.8	-3.7	338.3	337.4	0.3	9.4	6.2	57.0
36.1	74.0	9177.5	325.0	-21.7	-42.8	301.4	6.9	5.9	-3.6	339.2	340.1	0.2	8.4	6.5	64.0
38.4	82.0	10345.5	275.0	-25.2	-44.5	279.3	6.6	6.3	-3.3	339.2	340.3	0.2	18.0	6.8	69.0
40.6	86.2	11323.3	250.0	-46.1	90.9	283.6	9.9	9.8	1.1	346.5	345.2	0.3	37.7	6.7	82.0
45.6	95.7	12507.7	200.0	-52.2	99.9	286.6	11.7	11.7	0.7	348.4	348.4	0.0	99.9	5.8	83.0
48.6	101.0	13358.2	175.0	-58.8	99.9	279.2	10.7	10.6	-1.7	358.4	349.9	0.0	99.9	13.2	85.0
51.9	107.0	14107.8	150.0	-67.3	99.9	303.8	8.5	7.4	-5.0	352.7	349.9	0.0	99.9	14.8	88.0
55.5	113.7	14788.3	125.0	-74.3	59.9	281.6	7.0	6.7	-2.1	355.1	349.9	0.0	99.9	16.0	91.0
60.0	121.3	16683.5	100.0	-74.8	59.9	319.1	5.3	3.5	-4.0	360.9	349.9	0.0	99.9	17.3	92.0
65.5	133.3	14375.3	75.0	-70.5	92.9	28.6	4.2	-1.9	-3.8	383.2	349.9	0.0	99.9	16.1	94.0
73.0	161.0	20860.6	50.0	-55.1	59.9	80.2	7.1	-7.0	-1.2	425.1	349.9	0.0	99.9	10.9	102.0
87.1	153.5	25356.6	25.0	-48.0	59.9	80.9	15.0	-11.5	-2.4	444.4	349.9	0.0	99.9	4.5	175.0

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

STATION NO. 232
MOUTHVILLE, LOUISIANA

8 JUNE 1979
200 GMT

TIME MIN	CHYCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.3	1.0	1013.0	25.0	23.1	150.0	4.1	-2.1	3.6	297.8	348.2	17.9	85.0	0.0	0.0
0.6	4.5	122.5	1000.0	25.0	23.7	156.4	5.5	-2.4	5.4	299.8	348.1	18.0	86.0	0.2	334
1.6	6.0	348.2	975.0	24.4	22.7	167.7	5.9	-1.3	5.0	299.7	347.4	18.2	90.5	0.5	338
2.4	9.1	578.3	950.0	22.6	21.6	178.5	5.2	-0.1	5.2	300.1	345.9	17.4	54.3	0.8	345
3.6	11.5	808.9	925.0	21.4	17.6	183.9	4.6	-1.3	4.4	301.2	335.2	13.9	78.8	1.1	347
4.4	13.9	1048.5	900.0	20.0	13.7	159.5	5.1	-1.7	4.8	302.2	332.0	11.0	66.9	1.4	345
5.4	16.3	1287.5	875.0	18.9	10.7	161.4	4.9	-1.6	4.7	303.4	329.0	5.3	59.0	1.7	344
6.4	18.8	1536.0	850.0	17.3	7.7	147.9	4.3	-2.3	3.7	304.2	326.0	7.0	53.2	2.0	344
7.5	21.3	1791.2	825.0	17.5	2.4	131.3	4.0	-3.0	2.7	307.1	323.0	5.4	34.5	2.2	340
8.7	23.8	2053.6	800.0	17.0	-1.4	145.1	3.4	-2.0	2.8	309.3	321.9	4.3	28.5	2.5	338
9.8	26.5	2323.4	775.0	15.6	-6.3	128.2	4.2	-3.3	2.6	310.6	321.4	3.6	25.1	2.7	336
11.0	29.0	2600.5	750.0	14.1	-6.5	128.0	4.6	-3.6	2.8	311.5	321.4	3.1	23.4	3.0	333
12.3	31.6	2888.1	725.0	12.0	-5.7	142.8	4.0	-3.1	3.1	313.2	324.2	3.5	26.7	3.3	331
13.6	34.3	3180.0	700.0	11.8	-10.3	160.0	3.9	-1.3	3.7	315.6	323.3	2.5	20.0	3.6	331
14.9	37.0	3483.9	675.0	11.0	-9.5	187.4	3.4	0.4	3.4	318.0	326.6	2.8	22.6	3.8	333
16.1	39.8	3757.3	650.0	9.0	-13.5	187.4	2.4	0.4	3.4	319.2	325.2	2.1	18.0	4.0	335
17.5	42.7	4120.5	625.0	6.6	-11.6	193.7	2.8	0.7	2.7	320.8	328.8	2.1	21.9	4.3	337
18.9	45.7	4458.0	600.0	4.3	-15.0	222.7	2.2	1.5	1.6	322.1	327.5	2.0	22.9	4.4	339
20.4	48.6	4798.7	575.0	1.8	-15.0	276.5	3.1	3.1	-0.4	322.1	326.8	2.1	27.4	4.4	341
22.0	51.6	5158.0	550.0	-0.7	-6.4	295.5	5.0	5.2	-2.5	323.2	337.1	4.5	68.4	4.1	345
23.6	54.6	5528.5	525.0	-2.6	-7.4	283.5	6.9	6.7	-2.1	325.1	338.4	4.2	62.5	3.8	354
25.1	58.0	5913.1	500.0	-3.9	-20.6	278.4	10.7	10.6	-1.6	328.6	333.3	1.5	25.9	3.6	36
26.7	61.4	6310.4	475.0	-6.8	-21.4	280.0	10.2	10.0	-0.7	329.6	334.6	1.5	30.3	3.8	26
28.4	64.8	6738.5	450.0	-8.9	-35.0	283.3	6.4	6.7	-1.6	332.1	333.6	0.4	9.1	4.1	34
30.2	68.3	7178.7	425.0	-12.1	-32.1	293.3	6.0	6.3	-2.7	333.2	335.6	0.0	16.9	4.3	45
32.2	72.0	7637.6	400.0	-15.1	-41.3	282.6	7.8	7.6	-1.7	335.4	336.3	0.2	8.5	4.7	55
34.2	75.7	8122.6	375.0	-18.2	-42.4	271.1	6.8	6.0	-0.1	337.5	338.4	0.2	9.8	5.4	61
36.2	79.7	8633.4	350.0	-22.5	-44.2	270.4	4.1	4.1	-0.0	338.4	339.2	0.2	11.8	5.9	63
38.5	83.0	9172.5	325.0	-26.7	-45.2	296.7	4.7	4.2	-2.1	339.8	340.7	0.2	15.4	6.4	67
40.8	86.0	9748.6	300.0	-31.2	-46.0	285.5	3.7	3.5	-0.2	341.3	342.1	0.2	21.7	6.8	71
43.2	92.4	10358.1	275.0	-35.4	-46.2	272.9	4.8	4.8	-0.2	344.0	344.2	0.2	31.9	7.3	75
45.9	97.2	11012.6	250.0	-40.8	99.9	273.8	7.2	7.2	-0.5	345.8	999.9	99.9	99.9	8.1	75
48.3	102.2	11720.8	225.0	-46.6	99.9	301.3	10.4	10.4	-0.7	347.8	999.9	99.9	99.9	9.6	78
51.9	107.6	12491.0	200.0	-52.7	349.3	8.8	8.8	7.5	-0.6	349.3	999.9	99.9	99.9	11.4	82
55.1	113.5	13338.5	175.0	-55.6	59.9	318.6	6.6	4.4	-0.9	351.6	999.9	99.9	99.9	13.2	87
58.8	120.0	14288.1	150.0	-67.5	99.9	300.3	6.9	6.0	-3.5	353.6	999.9	99.9	99.9	15.2	91
62.5	127.0	15368.6	125.0	-74.2	99.9	347.8	5.2	1.1	-5.1	380.8	999.9	99.9	99.9	18.0	95
67.1	134.7	16669.6	100.0	-79.2	99.9	408.8	4.0	-2.6	-3.8	422.2	999.9	99.9	99.9	21.1	99
72.6	143.0	18332.0	75.0	-71.2	59.9	88.1	7.4	-7.4	-0.2	423.7	999.9	99.9	99.9	27.7	102
81.1	152.0	20801.6	50.0	-60.9	59.9	88.1	12.6	-12.6	-0.4	900.8	999.9	99.9	99.9	4.1	104
95.5	161.0	25241.7	25.0	-51.6	99.9	86.8	19.6	-19.5	-1.1	636.2	999.9	99.9	99.9	7.3	236

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

STATION NO. 232
BOOTHVILLE, LOUISIANA

6 JUNE 1979
0000 GMT

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TIME MIN	CNTCT	WEIGHT GMS	WINDS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J. COMP M/SEC	V. COMP M/SEC	POT 1 DEG K	POT 2 DEG K	WIND GPH/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.4	1.0	1014.0	24.1	22.5	140.0	3.6	-2.3	2.8	290.1	340.7	17.3	91.0	0.0	0.
0.4	5.9	123.4	1000.0	24.7	21.9	99.0	99.5	99.9	99.9	295.9	341.7	16.0	81.5	999.9	999.
1.2	7.9	346.2	975.0	23.5	20.4	99.0	99.9	99.9	99.9	298.9	340.5	15.0	83.4	999.9	999.
2.0	10.3	573.4	950.0	22.5	18.7	999.9	99.5	99.9	99.9	308.4	333.0	12.7	70.0	999.9	999.
2.8	12.7	893.5	925.0	21.4	16.9	135.6	4.5	-3.1	3.2	301.2	332.0	11.6	66.6	0.9	310.
3.7	15.2	1042.9	900.0	20.2	12.8	134.7	4.7	-3.4	3.3	302.3	330.9	10.6	62.5	1.2	314.
4.5	17.6	1265.8	875.0	18.9	9.3	130.8	6.0	-4.5	3.9	303.4	326.7	9.5	53.6	1.4	318.
5.4	20.2	1534.5	850.0	18.0	5.3	132.1	7.2	-5.3	4.7	305.6	323.5	6.6	43.1	1.8	314.
6.2	22.6	1799.4	825.0	17.6	-4.4	132.5	7.0	-5.2	4.7	307.2	317.1	3.3	21.0	2.2	314.
7.2	25.3	2052.0	800.0	16.6	-2.8	130.7	5.3	-3.5	4.0	308.5	320.4	3.9	20.3	2.5	314.
8.2	27.9	2321.5	775.0	15.4	-5.1	148.9	5.1	-2.7	4.4	310.4	320.5	3.4	20.0	2.9	315.
9.2	30.6	2594.5	750.0	13.8	-3.0	152.6	5.1	-2.4	4.6	311.2	323.7	4.1	31.0	3.1	317.
10.3	33.6	2893.6	725.0	13.0	-12.3	156.8	4.5	-1.8	4.1	313.7	320.1	2.0	15.8	3.4	319.
11.1	36.0	3177.3	700.0	12.5	-16.4	164.7	3.4	-0.9	3.2	316.3	321.2	1.5	11.7	3.7	320.
12.5	33.0	3481.3	675.0	11.1	-14.1	176.0	2.2	-0.2	2.2	318.1	324.2	1.9	15.5	3.0	321.
13.6	41.8	3795.0	650.0	5.5	-15.3	177.0	2.6	-0.1	2.8	319.2	325.6	1.0	15.6	3.9	322.
14.6	44.9	4112.7	625.0	7.2	-14.3	182.7	2.9	0.1	2.9	320.7	325.4	1.4	14.2	4.1	324.
16.1	47.9	4432.7	600.0	4.5	-16.2	159.1	1.6	-0.6	1.6	323.2	327.1	1.8	20.5	4.3	326.
17.4	50.8	4798.1	575.0	2.6	-9.7	77.6	1.4	-1.3	-0.3	323.0	333.2	3.2	40.1	4.6	328.
19.0	54.0	5155.4	550.0	-0.8	-5.0	335.8	2.4	1.1	-2.4	323.1	337.9	4.8	73.0	4.9	326.
20.4	57.0	5528.3	525.0	-2.3	-8.0	298.5	5.5	4.9	-2.6	325.7	338.3	4.0	66.7	4.0	326.
22.1	61.4	5913.0	500.0	-3.8	-19.9	303.7	6.0	5.0	-3.4	328.4	333.6	1.6	27.4	3.4	330.
23.7	63.9	6315.3	475.0	-7.2	-17.0	292.3	7.4	7.4	-3.0	329.0	336.1	2.1	45.9	2.9	337.
25.4	67.3	6735.0	450.0	-5.2	-39.5	288.3	8.7	8.3	-2.7	331.6	332.7	0.3	6.4	2.3	354.
27.2	70.8	7175.3	425.0	-11.7	-30.1	289.5	8.5	8.0	-2.8	333.9	336.8	0.8	20.8	2.1	16.
29.1	74.4	7635.7	400.0	-16.3	-29.4	289.1	8.7	8.3	-2.7	333.9	336.8	0.8	31.0	2.3	41.
31.2	75.3	8118.4	375.0	-19.0	-42.2	268.4	6.8	6.0	-1.2	336.7	337.6	0.2	10.6	2.9	60.
33.5	82.2	8629.0	350.0	-22.3	-56.2	268.4	4.3	4.3	0.1	338.9	338.9	0.1	2.0	3.6	87.
36.1	96.2	9168.7	325.0	-26.6	-49.5	308.4	2.1	1.7	-1.3	340.1	340.6	0.1	9.4	4.0	70.
38.6	97.7	9740.9	300.0	-31.3	-43.8	245.3	2.8	2.6	0.7	343.3	342.3	0.3	27.8	4.1	72.
41.5	95.3	10351.4	275.0	-35.7	-48.4	272.5	3.9	3.9	-0.2	343.6	344.2	0.2	25.4	4.7	72.
44.3	103.0	11004.4	250.0	-40.5	59.9	275.4	7.4	7.3	-0.7	345.8	349.8	99.9	99.9	5.5	76.
47.3	105.0	11717.1	225.0	-46.8	59.9	242.5	9.1	8.9	-2.0	348.6	349.9	99.9	99.9	7.0	81.
51.0	113.4	12486.5	200.0	-52.2	59.9	290.1	7.4	7.1	-2.6	349.4	349.9	99.9	99.9	8.7	64.
54.8	116.3	13311.9	175.0	-60.2	59.9	301.5	6.4	5.4	-3.3	350.2	349.9	99.9	99.9	10.1	93.
59.0	122.8	14275.3	150.0	-62.3	99.9	316.0	6.8	4.2	-4.3	352.4	349.9	99.9	99.9	11.5	93.
64.1	133.0	15352.1	125.0	-74.5	59.9	330.8	2.4	1.2	-2.1	360.6	349.9	99.9	99.9	12.3	99.
69.1	137.3	16631.4	100.0	-79.2	59.9	33.0	4.4	-2.7	-4.8	370.7	349.9	99.9	99.9	12.1	102.
75.6	146.5	18303.2	75.0	-76.5	57.9	81.9	9.5	-9.4	-1.3	425.2	349.9	99.9	99.9	9.9	110.
84.3	142.5	20785.3	50.0	-58.6	99.9	70.3	14.1	-13.8	-2.9	805.2	349.9	99.9	99.9	5.5	148.
103.4	160.3	25249.4	25.0	-49.2	99.9	999.9	99.9	99.9	99.9	644.8	349.9	99.9	99.9	14.4	247.

0 9V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 86 9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

8 JUNE 1979
000 GMT

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TIME MIN	CNTCT	WEIGHT GPH	WRES MM	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U CCMP M/SEC	V COMP M/SEC	POT 1 DEG E	E POT 1 DEG E	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG	
0.0	6.1	1.0	1013.8	23.4	22.2	150.0	3.6	-1.0	3.1	295.4	339.0	16.9	93.0	0.0	0.	
0.4	5.1	121.7	1090.0	25.0	23.0	161.8	4.2	-1.1	4.0	298.2	347.5	19.0	93.1	0.2	321.	
1.3	7.2	146.8	975.0	23.3	22.3	162.7	4.5	-1.3	4.3	298.6	344.7	17.7	93.9	0.4	345.	
2.2	9.3	572.3	653.0	23.5	16.0	149.0	5.1	-2.6	4.3	301.1	331.0	11.1	97.5	0.6	315.	
3.0	11.3	809.9	925.0	21.6	16.2	138.0	6.7	-4.7	4.7	301.4	331.6	11.2	93.2	0.9	332.	
3.9	13.5	1362.5	903.0	20.6	17.3	134.1	6.6	-4.7	4.6	302.8	330.2	10.1	94.0	1.3	320.	
5.0	15.7	1245.5	875.0	15.0	10.4	136.2	6.4	-4.4	4.6	303.5	328.6	9.1	97.6	1.7	324.	
6.1	17.9	1536.7	853.0	17.6	7.2	132.4	7.9	-5.5	5.1	304.4	325.4	7.5	90.3	2.1	321.	
7.1	20.2	1789.1	825.0	16.3	9.1	136.9	7.5	-5.1	5.5	305.8	320.4	6.9	92.3	2.6	340.	
8.2	22.5	2351.0	803.0	12.2	1.5	166.4	5.8	-3.3	6.5	308.4	324.4	5.6	98.0	3.0	340.	
9.2	24.9	2379.3	775.0	12.2	-3.2	147.9	5.5	-2.9	4.6	310.2	321.8	3.9	24.0	3.4	321.	
10.3	27.2	2517.6	750.0	12.7	-4.8	152.5	5.2	-2.4	4.6	312.2	322.9	3.6	26.2	3.7	322.	
11.4	29.7	2483.1	725.0	12.8	-6.5	162.8	4.3	-1.3	4.2	313.2	322.0	2.8	21.6	4.0	323.	
12.6	32.2	3176.3	703.0	11.1	-13.7	156.8	3.6	-1.4	3.3	314.8	323.8	1.9	16.1	4.3	324.	
13.7	34.8	3479.4	675.0	10.4	-12.1	144.8	2.7	-1.9	2.2	317.2	324.4	2.2	14.2	4.5	324.	
15.0	37.4	3742.2	650.0	8.4	-12.4	122.5	2.0	-0.9	1.8	318.2	325.7	2.3	21.4	4.7	325.	
16.3	40.1	4115.0	625.0	6.6	-17.1	174.5	2.8	-0.1	2.0	320.4	325.2	1.6	18.6	4.8	325.	
17.6	42.9	4469.9	603.0	4.7	-16.4	182.7	1.3	0.2	1.3	321.8	327.3	1.8	19.9	4.9	326.	
19.5	45.7	4794.3	575.0	2.2	-17.5	237.6	0.7	0.5	0.4	322.4	326.1	1.7	21.6	5.2	327.	
22.5	49.6	5191.3	550.0	-1.2	-9.1	320.5	1.1	0.7	-0.9	322.7	333.7	3.5	54.7	4.9	327.	
21.0	51.4	5533.9	525.0	-4.3	-5.2	291.1	3.8	3.5	-1.4	323.2	339.5	4.9	93.1	4.4	329.	
23.5	54.8	5404.2	500.0	-6.9	-13.6	295.7	4.5	4.5	-2.1	323.7	335.5	3.4	75.1	4.4	332.	
25.2	59.0	6305.0	475.0	-7.4	-19.2	299.0	5.3	4.6	-2.6	328.2	335.2	1.9	41.6	4.0	335.	
27.7	61.7	6723.8	450.0	-10.5	-21.0	299.2	7.4	6.5	-3.6	330.1	335.5	1.6	41.4	3.5	342.	
28.4	61.7	7169.1	425.0	-12.6	-26.5	301.3	8.8	7.5	-4.6	332.4	336.6	1.8	30.1	2.9	346.	
32.7	64.1	7622.4	400.0	-14.7	-37.8	307.9	8.9	7.0	-5.5	334.7	337.3	0.7	25.7	2.3	348.	
33.4	70.0	8135.6	375.0	-19.2	-35.1	290.2	7.2	6.7	-2.5	336.2	338.1	0.5	22.9	2.2	4.2	
35.1	74.6	8515.5	350.0	-22.7	-51.0	260.6	4.1	4.0	0.7	338.1	331.5	0.1	5.5	2.7	54.	
37.4	73.8	9154.9	325.0	-24.9	-43.0	241.4	2.7	2.9	0.9	339.2	340.4	0.1	12.3	3.1	57.	
40.3	74.2	4770.9	300.0	-31.9	-45.4	238.5	4.6	3.9	2.4	340.2	341.6	0.2	27.2	3.6	57.	
42.4	8.6	13337.7	275.0	-35.6	-50.4	271.2	5.5	5.5	-0.1	342.4	344.2	0.1	14.9	4.3	60.	
44.3	83.6	10394.2	250.0	-40.4	59.9	222.8	6.7	6.2	-2.6	345.7	359.9	5.9	95.9	5.1	64.	
48.3	94.4	11732.2	225.0	-42.8	94.9	288.3	6.8	6.2	-2.1	347.0	909.4	90.9	555.9	6.0	74.	
51.8	124.0	17471.5	200.0	-53.4	59.9	242.5	7.2	7.1	-1.6	348.2	909.4	90.9	955.9	7.4	81.	
53.4	110.0	13318.1	175.0	-60.3	59.9	255.0	5.3	4.8	-2.2	350.4	949.9	90.9	999.9	8.4	85.	
55.3	116.5	10243.5	150.0	-64.0	59.9	352.3	5.2	0.7	-5.1	352.6	959.9	90.9	955.9	9.3	90.	
48.9	124.0	15337.8	125.0	-75.2	59.9	100.5	2.8	-2.8	0.3	358.6	949.9	55.9	999.9	9.0	97.	
60.2	137.3	16416.8	100.0	-80.9	99.9	15.1	5.3	-1.4	-5.3	371.4	949.9	90.9	949.9	9.1	102.	
62.4	142.0	19770.9	75.0	-73.2	99.9	93.6	2.2	-8.2	0.6	418.2	909.9	50.9	909.9	7.2	114.	
69.4	92.8	6.9	50.0	95.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	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 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 MV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

8 JUNE 1978
1100 GMT

106 11. 1

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

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEP PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT Y DG K	MF RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.9	1.0	1015.1	22.9	22.4	90.0	1.5	-1.5	0.0	294.0	336.7	17.1	97.0	0.0	0.
0.6	6.0	133.1	1000.0	24.7	23.2	909.0	99.9	99.9	99.9	297.0	345.3	18.2	91.1	999.9	999.
1.4	6.0	156.0	975.0	23.7	19.7	999.9	95.0	99.9	99.9	299.0	339.0	15.1	78.0	999.9	999.
2.2	9.1	503.7	920.0	24.2	13.8	139.0	3.5	-2.3	2.6	301.7	330.2	10.5	52.3	0.4	326.
3.2	11.3	816.7	925.0	22.0	13.5	140.2	4.3	-2.4	3.4	301.2	330.5	10.4	50.4	0.6	327.
4.0	12.6	1054.1	900.0	20.2	11.1	150.6	5.5	-2.2	5.1	302.3	327.4	9.3	52.9	0.4	326.
5.0	13.8	1268.9	875.0	18.9	11.5	150.7	6.8	-2.5	7.6	303.4	325.0	8.0	62.5	1.2	330.
6.0	15.2	1545.5	850.0	17.4	9.6	156.2	8.2	-3.4	7.6	304.4	323.0	6.9	66.1	1.6	332.
6.3	20.6	1400.4	825.0	16.6	4.7	151.6	8.1	-3.8	7.1	306.1	324.6	6.5	45.5	2.1	333.
7.9	23.0	2061.4	800.0	15.9	-2.6	149.9	6.7	-3.9	5.5	308.1	319.7	4.0	28.0	2.5	332.
8.9	24.5	2330.9	775.0	14.8	-5.6	147.4	5.6	-2.0	4.4	309.7	319.5	3.3	20.1	2.9	331.
10.0	24.0	2607.5	750.0	14.1	-10.4	162.5	6.5	-1.9	6.2	311.0	318.0	2.3	17.0	3.2	331.
11.1	33.7	2992.3	725.0	12.4	-10.9	166.3	6.3	-1.3	6.1	313.1	320.2	2.3	18.4	3.7	333.
12.3	13.4	3165.1	700.0	10.3	-13.4	165.6	4.9	-1.2	4.8	313.9	320.0	1.9	17.4	4.1	335.
13.4	35.0	3686.6	675.0	9.3	-15.0	150.7	4.2	-2.1	3.7	316.0	321.6	1.8	16.3	4.6	335.
14.5	34.9	3798.1	650.0	7.0	-12.0	140.0	3.7	-2.4	2.8	316.5	324.3	2.3	20.3	4.6	332.
15.7	41.5	4119.5	625.0	5.5	-15.1	129.5	2.6	-2.0	1.7	318.7	324.9	1.9	21.1	4.9	334.
17.0	48.4	4452.1	600.0	3.9	-18.9	130.2	1.3	-1.0	0.8	320.4	326.1	1.7	20.1	5.0	333.
19.3	47.5	4796.8	575.0	2.1	-18.4	135.1	1.3	-0.5	0.9	322.0	327.6	1.6	20.2	5.1	333.
21.4	51.6	5222.8	550.0	-1.1	-19.1	163.2	1.3	-0.4	1.2	322.8	330.6	3.0	50.2	5.2	332.
22.6	54.6	5935.6	500.0	-4.7	-27.4	239.4	1.9	1.7	1.0	322.8	330.4	6.4	86.0	5.2	333.
24.1	60.1	6137.2	475.0	-7.3	-26.4	311.8	5.6	4.2	-3.7	329.0	332.2	0.9	20.0	4.7	330.
25.7	63.7	6726.3	450.0	-10.6	-18.4	325.5	6.2	3.5	-5.1	329.5	335.0	1.8	48.8	4.2	341.
27.4	67.1	7164.5	425.0	-12.1	-32.7	340.7	7.5	2.5	-7.1	333.2	335.6	0.6	18.0	3.5	342.
29.1	70.8	7629.0	400.0	-15.1	-34.6	332.7	7.5	3.4	-6.7	335.4	337.2	0.5	16.9	2.7	343.
32.0	74.5	8109.8	375.0	-19.4	-36.4	296.3	5.4	5.0	-2.2	336.8	337.6	0.4	20.4	2.1	350.
32.9	74.7	8619.9	350.0	-22.6	-42.0	244.9	4.4	4.1	1.6	338.2	338.9	0.2	6.7	2.1	35.
34.4	81.7	9159.1	325.0	-24.8	-49.4	225.5	2.0	1.4	1.4	339.2	340.2	0.1	9.7	2.1	13.
37.0	87.0	9730.3	300.0	-32.1	-48.7	255.6	2.2	2.2	0.4	340.1	341.8	0.2	24.3	2.3	15.
39.6	91.9	10361.0	275.0	-35.7	-51.2	327.5	3.7	2.8	-3.1	343.4	344.1	0.1	18.4	2.3	23.
41.6	96.4	10997.3	250.0	-40.8	-50.9	300.2	4.9	4.3	-2.5	345.5	349.9	99.9	999.9	2.3	36.
44.1	101.6	11705.0	225.0	-46.5	-50.9	297.8	6.1	5.4	-2.8	347.2	349.9	99.9	999.9	2.5	54.
46.9	107.5	12475.7	200.0	-52.2	-50.9	279.4	7.8	7.7	-1.3	348.6	349.9	99.9	999.9	3.4	71.
49.3	113.5	13122.7	175.0	-59.9	-50.9	281.5	7.7	7.5	-1.5	351.0	349.9	99.9	999.9	4.4	78.
52.7	121.3	14267.6	150.0	-67.8	-50.9	337.8	5.2	1.1	-5.1	353.3	349.9	99.9	955.9	5.4	85.
56.4	127.3	15333.6	125.0	-74.5	-50.9	350.3	3.8	0.2	-3.8	360.1	349.9	99.9	957.9	5.1	97.
60.4	134.3	16233.4	100.0	-78.5	-50.9	26.4	6.6	-3.0	-5.8	376.1	349.9	99.9	995.9	5.5	104.
66.5	144.7	18309.8	75.0	-65.9	-50.9	75.8	12.7	-12.5	-2.3	426.2	349.9	99.9	999.9	3.4	137.
74.7	154.0	20907.7	50.0	-57.3	-50.9	66.4	13.2	-13.2	-0.8	508.4	349.9	99.9	999.9	5.4	232.
87.4	163.3	25267.2	25.0	-48.5	-50.9	485.8	99.5	99.9	99.9	645.8	349.9	99.9	999.9	14.7	254.

0 BY SPEED MEANS ELEVATION ANGL BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 236
JACKSON, MISSISSIPPI

7 JUNE 1970

100 0. 1

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

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG R	E POT Y DG R	HR RTO CM/KG	PH PCT	RANGE AZ KM	DG
0.0	0.0	91.0	1000.0	22.0	22.1	100.0	1.5	0.3	1.5	295.5	300.0	17.0	90.0	0.0	0.0
0.0	0.0	90.3	1000.0	22.0	22.2	99.9	99.9	99.9	99.9	296.0	300.2	17.1	90.2	999.9	999.9
0.7	0.0	317.0	975.0	21.0	21.7	99.9	99.9	99.9	99.9	297.2	301.0	17.1	90.0	999.9	999.9
1.5	11.2	540.5	950.0	21.0	20.8	99.9	99.9	99.9	99.9	299.3	302.0	16.0	90.3	999.9	999.9
2.3	13.6	770.5	925.0	21.1	19.7	203.0	14.2	5.0	1.0	300.9	331.7	11.5	64.0	1.5	21.0
3.1	15.9	1013.9	900.0	20.8	12.2	207.2	11.6	5.3	10.3	302.0	330.1	10.0	50.0	2.0	22.0
3.9	17.6	1257.4	875.0	19.7	6.4	210.0	4.9	5.1	0.5	304.6	326.4	0.0	40.1	2.6	24.0
4.7	19.0	1506.3	850.0	17.0	7.3	211.0	9.3	0.0	0.0	306.6	325.7	7.0	30.0	3.0	25.0
5.5	21.3	1761.1	825.0	15.6	0.2	210.4	0.3	4.2	7.2	305.1	320.4	0.0	02.1	3.5	26.0
6.3	23.0	2021.0	800.0	14.7	-0.3	212.4	0.0	4.3	6.0	306.0	320.4	6.7	34.0	3.0	26.0
7.1	24.4	2280.5	775.0	13.5	-0.7	209.0	0.1	0.1	7.0	308.2	316.0	2.5	20.4	4.3	27.0
8.1	31.0	2500.3	750.0	11.0	-5.0	213.0	7.9	4.3	0.8	309.2	310.3	3.0	20.7	4.7	27.0
9.1	33.7	2697.2	725.0	9.9	0.1	219.4	7.0	5.0	0.0	310.4	320.1	5.0	10.9	5.1	28.0
10.0	36.3	3130.5	700.0	0.1	6.7	226.0	0.5	6.2	9.9	311.4	330.7	0.0	04.5	5.0	29.0
10.9	39.0	3338.7	675.0	0.2	5.4	227.0	9.9	7.6	0.4	312.0	330.7	0.0	04.5	6.1	31.0
11.9	01.0	3747.7	650.0	3.7	3.5	234.0	9.9	0.0	0.0	313.1	335.1	7.0	00.0	6.6	33.0
12.9	03.0	4365.9	625.0	2.1	0.7	244.3	10.2	9.2	0.4	315.0	333.0	0.5	00.0	7.2	35.0
14.1	07.0	4900.0	600.0	1.2	-2.1	247.9	11.2	10.4	-0.2	317.2	330.8	5.5	70.0	7.0	38.0
15.1	50.4	4739.2	575.0	0.1	-5.0	240.7	11.9	10.4	0.0	320.1	333.7	4.4	00.0	8.0	40.0
16.3	51.5	5093.0	550.0	-1.3	-0.0	234.7	14.1	11.5	0.2	322.2	322.7	0.1	1.0	9.3	42.0
17.4	50.5	5402.5	525.0	-3.9	-3.4	233.0	13.0	11.0	0.3	323.7	325.0	0.0	11.5	10.2	43.0
18.6	50.0	5840.5	500.0	-6.2	-11.4	231.7	14.4	11.3	0.9	325.5	335.7	3.2	04.1	11.2	44.0
19.9	53.0	6240.0	475.0	-2.0	-19.2	233.7	13.9	11.2	0.2	328.1	330.4	1.0	03.7	12.3	44.0
21.1	00.3	6660.1	450.0	-10.0	-10.7	235.5	14.1	12.0	7.0	329.7	336.1	1.9	02.2	13.3	45.0
22.5	03.7	7101.0	425.0	-13.1	-13.4	247.2	15.2	14.0	9.9	332.3	332.0	0.1	2.7	14.4	47.0
23.0	73.3	7541.3	400.0	-15.4	-19.0	254.4	17.2	17.2	4.0	334.7	334.0	0.0	1.0	15.7	49.0
23.5	77.0	8045.3	375.0	-18.3	-21.5	261.0	19.4	19.2	3.0	337.4	337.5	0.0	1.0	17.3	52.0
27.0	00.0	8157.5	350.0	-20.2	-21.6	263.6	20.0	19.0	2.0	339.4	339.0	0.0	1.0	19.9	54.0
28.0	00.0	9300.0	325.0	-20.2	-20.7	263.6	21.1	21.0	2.4	340.2	340.0	0.0	1.0	20.0	57.0
32.4	01.0	10202.4	300.0	-31.0	-20.0	270.4	21.0	21.0	-0.1	340.2	340.0	0.0	4.2	22.9	60.0
34.7	07.0	10930.4	275.0	-35.0	-17.3	270.3	22.9	22.9	-0.7	343.7	344.0	0.3	05.2	24.9	63.0
39.7	10.0	12014.0	250.0	-47.1	19.0	265.9	25.2	22.1	1.0	346.4	349.0	0.0	00.0	30.0	69.0
39.7	10.0	12014.0	200.0	-53.0	19.0	271.3	27.3	20.0	0.0	347.5	349.0	0.0	00.0	30.0	69.0
42.7	11.9	12616.7	175.0	-59.0	19.0	273.0	29.7	25.7	-1.0	351.0	349.0	0.0	00.0	30.1	70.0
45.0	11.0	13211.3	150.0	-65.0	19.0	273.1	22.7	22.7	-1.0	350.0	349.0	0.0	00.0	30.0	70.0
49.5	12.0	14297.0	125.0	-72.0	19.0	274.0	20.0	20.0	-0.2	351.2	349.0	0.0	00.0	30.0	70.0
53.0	13.3	15397.4	100.0	-74.0	19.0	270.1	7.9	6.0	3.1	353.5	349.0	0.0	00.0	31.0	79.0
59.4	13.0	16290.0	75.0	-60.0	19.0	235.1	5.4	4.4	3.1	420.0	349.0	0.0	00.0	31.0	78.0
67.4	15.0	20777.4	50.0	-59.0	19.0	04.9	11.7	-11.0	-0.0	502.3	349.0	0.0	00.0	40.3	78.0
70.0	16.5	24257.1	25.0	-42.0	19.0	91.0	12.2	-12.2	0.0	644.0	349.0	0.0	00.0	30.0	74.0

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

STATION NO. 238
 JACKSON, MISSISSIPPI
 7 JUNE 1978
 2000 GMT

162 18. 0

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DCB PT DG C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT Y DG M	MR WTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.7	91.0	1002.0	26.9	22.4	180.0	3.1	0.5	3.1	301.8	307.7	17.3	68.	0.0	0.
0.1	5.9	116.0	1030.0	28.5	22.1	176.2	6.1	-0.4	6.1	301.6	306.8	17.0	69.3	0.2	5.
1.1	8.2	361.0	675.0	25.0	20.7	174.0	7.1	-0.8	7.1	301.3	303.7	16.0	72.0	0.5	359.
2.1	10.5	565.0	653.0	23.6	20.3	179.1	7.2	-0.1	7.2	301.3	303.5	16.0	81.9	0.9	358.
3.1	12.0	802.0	625.0	21.8	20.1	187.9	7.4	0.9	7.4	301.6	304.0	16.3	90.3	1.3	367.
4.1	15.4	1041.3	602.0	21.0	19.0	192.4	6.5	1.4	6.3	304.0	314.7	11.2	60.9	1.7	4.
4.4	17.4	1285.0	675.0	20.1	18.3	204.0	6.9	2.8	6.3	304.7	335.0	11.1	65.1	2.0	4.
5.7	20.3	1535.0	650.0	18.6	13.5	218.7	7.6	4.7	5.9	303.7	337.3	11.6	72.1	2.4	8.
6.6	22.8	1742.0	625.0	16.9	13.0	229.1	7.7	5.8	5.0	306.5	338.2	11.5	77.5	2.7	14.
7.6	25.3	2054.0	600.0	15.3	11.2	240.3	8.5	7.4	4.2	307.2	336.0	10.5	76.4	3.1	19.
8.6	27.8	2371.5	575.0	12.3	9.9	249.2	8.7	7.6	4.2	304.2	336.0	10.0	79.9	3.5	25.
9.6	31.4	2609.5	550.0	11.8	9.6	259.1	8.6	7.4	4.4	309.3	337.6	10.1	86.6	3.9	29.
10.6	35.3	2843.1	525.0	10.1	7.9	268.3	7.8	6.5	4.3	318.2	336.8	9.3	86.6	4.4	33.
11.7	35.7	3175.3	500.0	8.7	6.9	259.4	7.4	5.6	4.8	312.1	337.2	9.0	88.0	4.8	35.
12.7	39.4	3476.1	475.0	7.0	6.3	232.4	7.1	5.6	4.3	313.5	339.0	8.9	95.3	5.3	36.
13.8	41.2	3746.5	450.0	5.3	5.1	239.7	7.5	6.5	3.8	315.0	339.7	8.6	98.7	5.7	37.
14.9	44.3	4106.7	425.0	3.6	3.4	239.1	8.5	7.3	4.3	318.0	339.6	7.9	98.7	6.2	39.
16.1	45.9	4438.3	400.0	2.0	1.9	242.8	10.1	9.0	4.6	318.0	340.2	7.3	98.8	6.8	41.
17.4	49.9	4741.1	375.0	-0.1	-0.5	243.1	12.3	11.4	4.6	319.5	338.4	6.6	72.1	7.6	44.
18.9	52.9	5136.3	350.0	-2.1	-3.6	246.2	13.9	12.7	5.6	321.0	335.7	4.6	76.6	8.6	47.
20.3	55.9	5535.1	325.0	-4.2	-7.5	247.9	15.6	14.7	6.0	323.2	333.7	3.3	41.5	9.6	49.
21.4	57.1	5847.4	300.0	-6.4	-10.9	250.6	16.0	15.7	3.2	323.2	327.3	0.6	12.2	10.9	52.
22.9	62.1	6249.7	275.0	-7.3	-15.1	252.6	17.1	17.0	2.2	328.5	331.1	0.6	13.4	12.2	56.
24.6	65.6	6737.9	250.0	-5.7	-19.0	253.3	17.2	16.8	5.0	331.1	331.3	0.0	1.0	13.7	58.
26.1	69.0	7146.5	225.0	-12.8	-26.9	254.3	15.9	15.3	4.7	332.6	335.5	0.9	24.6	15.3	59.
27.4	72.6	7604.1	200.0	-14.2	-30.9	261.9	14.6	14.6	2.1	336.6	336.7	0.0	1.0	16.8	61.
29.5	75.3	8094.3	175.0	-17.0	-41.3	266.1	15.2	15.2	1.0	338.0	338.1	0.0	1.0	18.2	63.
31.1	83.0	9036.9	150.0	-21.0	-63.3	273.6	14.5	14.5	-0.9	340.2	340.6	0.0	1.0	19.6	65.
33.1	83.9	9149.3	125.0	-24.7	-64.3	273.8	16.7	16.7	-1.1	341.2	341.4	0.0	1.0	1.1	67.
35.3	84.0	9274.2	100.0	-25.8	-69.0	270.7	17.7	17.7	-0.2	342.4	341.5	0.0	1.0	1.2	70.
37.4	87.3	10338.5	75.0	-34.8	-77.3	274.0	18.4	18.4	-1.3	344.0	344.9	0.0	1.0	1.5	72.
39.6	96.8	13995.4	250.0	-41.1	-90.9	270.5	17.5	17.5	-0.2	344.6	344.9	0.0	999.9	77.8	74.
42.2	101.6	11704.1	275.0	-41.3	90.9	263.4	20.3	20.2	2.3	347.2	547.9	954.9	954.9	32.3	75.
45.0	104.8	12761.7	250.0	-51.9	90.9	277.4	23.2	23.0	-3.0	350.6	999.9	999.9	999.9	33.9	76.
45.1	112.3	11325.6	175.0	-58.1	50.9	273.1	20.0	20.0	-4.1	350.6	999.9	999.9	999.9	37.7	74.
51.3	114.7	14782.7	150.0	-65.9	90.9	274.1	19.1	19.1	-1.6	350.6	999.9	999.9	999.9	41.1	81.
54.6	125.3	15164.9	125.0	-73.3	50.9	262.4	18.2	18.2	-3.1	362.3	999.9	999.9	999.9	46.7	82.
59.9	133.0	16564.2	100.0	-76.7	50.9	277.0	7.1	7.0	-0.9	370.2	999.9	999.9	999.9	47.6	83.
64.2	141.7	14165.1	75.0	-68.1	50.9	266.4	6.8	6.6	0.4	430.1	999.9	999.9	999.9	47.5	84.
72.1	151.3	20460.7	50.0	-58.1	50.9	100.6	5.1	-0.8	1.7	506.7	999.9	999.9	999.9	43.5	81.
84.6	163.6	25162.0	25.0	-50.1	90.9	87.8	15.9	-15.9	-0.6	600.7	999.9	999.9	999.9	38.2	80.

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

STATION NO. 239
JACKSON, MISSISSIPPI

7 JUNE 1979
2300 GMT

160 18.0

TIME MIN	CNCT	HEIGHT GPN	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT Y DC K	MR ATO CM/KG	RM PCT	RANGE KM	AZ DC
0.0	5.7	91.0	1002.2	30.0	22.4	180.8	3.6	-1.2	3.4	303.0	249.2	17.4	64.0	0.0	0
0.1	5.8	110.7	1009.0	30.0	22.6	185.7	5.2	-1.3	8.0	303.1	340.9	17.6	64.8	0.1	340
1.1	6.2	336.8	875.0	27.5	21.3	170.7	6.4	-1.0	6.3	302.8	347.1	16.8	67.0	0.4	350
2.0	12.5	560.9	910.0	25.3	20.8	175.6	5.5	-0.4	5.5	302.6	346.9	16.5	76.3	0.7	353
3.0	12.9	901.5	925.0	22.2	20.3	179.5	7.5	-0.0	5.5	302.1	347.2	16.5	83.7	1.0	350
3.9	13.2	1360.9	900.0	21.4	19.8	184.7	7.0	0.6	7.0	303.6	347.4	16.4	90.2	1.3	350
4.8	17.6	1265.6	875.0	19.3	19.0	189.4	7.0	1.3	7.7	303.9	346.3	15.0	92.0	1.0	350
5.7	20.1	1535.0	850.0	17.7	18.0	201.6	6.9	2.6	6.5	304.7	339.8	12.6	83.1	2.2	2
6.7	22.5	1790.7	825.0	16.4	17.0	220.3	7.5	4.8	5.7	306.6	337.7	11.6	80.5	2.5	6
7.6	24.0	2052.0	800.0	14.9	11.6	224.3	7.9	5.5	6.6	307.1	337.1	10.9	80.8	3.0	13
8.6	27.6	2321.9	775.0	13.3	10.0	230.4	7.5	5.0	6.0	308.1	337.6	10.0	85.2	3.4	17
9.4	30.1	2567.8	750.0	11.0	9.3	238.0	6.8	9.7	3.0	309.3	337.2	9.9	85.2	3.7	21
10.9	32.8	2461.6	725.0	10.1	7.9	236.7	6.0	6.9	3.5	310.4	336.8	9.3	85.9	4.0	25
12.3	35.4	3173.0	700.0	8.6	6.8	226.9	7.0	5.7	4.8	312.6	337.4	8.9	88.5	4.4	27
13.1	35.1	3074.4	675.0	6.7	6.0	229.9	7.0	9.8	4.9	313.1	336.3	8.9	87.6	4.0	29
14.3	40.0	3784.7	650.0	6.2	6.6	226.3	8.1	7.4	3.2	316.6	336.0	8.7	81.6	5.4	32
15.6	43.7	4164.4	625.0	5.7	5.7	267.3	9.0	8.9	1.2	319.8	331.4	4.1	44.3	5.9	36
17.0	43.6	4639.7	600.0	3.6	4.9	267.3	10.4	10.6	0.5	320.2	333.1	3.9	53.9	6.6	42
18.3	45.5	4794.0	575.0	1.0	4.7	264.6	12.9	12.9	1.2	321.2	333.1	3.9	53.0	7.1	47
19.6	52.4	5140.4	550.0	-0.7	-15.0	266.5	13.4	13.4	0.8	323.2	330.3	2.2	33.0	8.0	51
20.9	52.5	5510.6	525.0	-3.0	-12.5	274.0	13.0	12.9	-0.9	324.5	328.1	2.8	48.5	8.0	56
22.3	74.6	5966.2	500.0	-4.1	-10.4	277.3	14.7	14.5	-1.9	328.0	329.1	0.3	5.3	9.7	60
23.7	61.9	6298.4	475.0	-7.2	-7.5	277.0	16.5	16.5	0.0	330.4	334.5	1.2	11.3	10.7	64
25.3	65.1	6717.3	450.0	-10.2	-7.4	267.9	16.5	16.5	0.0	331.7	335.1	1.0	30.2	13.4	70
26.9	64.6	7155.0	425.0	-13.5	-7.3	263.2	17.0	16.2	2.0	331.7	335.1	1.0	1.5	15.5	71
28.9	72.1	7615.9	400.0	-16.2	-5.6	263.1	16.2	16.1	2.8	336.6	336.8	0.6	3.2	17.1	72
30.6	75.0	8102.4	375.0	-17.0	-5.1	262.0	15.5	15.8	2.2	337.6	338.3	0.1	4.2	18.9	74
32.5	78.7	8614.3	350.0	-21.0	-5.6	274.2	15.2	15.3	-1.1	339.4	339.7	0.1	6.8	20.5	76
34.6	93.5	9155.1	325.0	-26.5	-5.2	274.5	16.4	16.2	-2.7	340.2	340.6	0.3	31.2	22.5	78
36.2	97.6	9729.0	300.0	-30.4	-4.3	271.3	16.5	16.3	-0.4	342.2	343.7	0.3	13.2	24.6	79
38.0	91.8	10301.3	275.0	-35.3	-3.6	271.6	14.1	14.1	-0.4	344.1	344.8	0.1	95.9	26.5	80
41.1	90.5	10957.3	250.0	-41.3	5.9	269.1	14.0	14.8	0.2	346.6	999.9	99.9	99.9	29.0	81
43.7	101.4	11783.9	225.0	-46.0	9.9	270.0	20.3	20.1	-2.8	346.6	999.9	99.9	99.9	32.3	82
46.3	108.3	12476.0	200.0	-51.0	5.9	267.7	21.5	20.9	-5.1	350.7	999.9	99.9	99.9	35.7	83
49.3	115.3	13327.6	175.0	-54.0	9.9	274.9	18.1	17.9	-2.9	352.7	999.9	99.9	99.9	38.9	84
52.5	115.3	14278.1	150.0	-66.5	5.9	280.9	16.7	16.4	-3.2	355.3	999.9	99.9	99.9	42.0	87
56.1	125.0	15361.2	125.0	-74.1	5.9	257.4	12.2	10.8	-5.6	368.2	999.9	99.9	99.9	43.8	88
60.3	132.0	16654.3	100.0	-75.7	9.9	321.7	7.0	4.6	-8.0	381.2	999.9	99.9	99.9	43.2	91
66.1	141.7	18226.5	75.0	-87.6	9.9	83.5	6.0	-6.0	-0.8	431.2	999.9	99.9	99.9	40.6	90
73.4	141.5	20533.3	50.0	-99.0	9.9	89.9	9.5	-9.5	-0.0	504.3	999.9	99.9	99.9	40.6	90
85.7	162.0	25318.5	25.0	-142.0	59.9	88.6	13.3	-13.2	-0.8	646.5	999.9	99.9	99.9	31.7	91

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 238
JACKSON, MISSISSIPPI

8 JUNE 1978
205 GMT

167 11. 0

TIME MIN	CHYCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEP BT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG N	E POT T DEG N	MR GTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	5.9	91.0	1002.5	25.6	23.0	180.0	9.0	0.0	0.0	298.8	347.3	18.7	89.0	0.0	0.
0.1	6.1	113.3	1000.0	26.2	24.0	176.8	8.6	-0.5	0.6	301.3	351.0	19.2	78.3	0.1	155.
0.9	5.4	319.4	975.0	28.4	21.3	172.0	8.4	-0.3	0.4	303.8	358.0	19.6	45.3	0.3	350.
1.7	10.7	570.2	950.0	29.8	19.0	180.6	8.3	0.1	0.3	303.4	365.0	19.5	69.4	0.7	350.
2.5	13.0	904.7	925.0	21.4	13.7	184.2	8.6	0.6	0.5	303.2	373.2	19.9	75.2	1.1	359.
3.3	15.5	1044.1	930.0	21.4	17.5	189.8	8.9	1.5	0.8	303.6	381.7	19.1	78.3	1.6	1.
4.2	17.9	1288.2	875.0	15.3	14.1	192.5	7.9	1.7	7.7	305.8	335.8	11.7	71.0	2.0	4.
5.1	20.4	1536.1	850.0	18.2	14.2	200.5	6.4	2.2	6.0	305.7	338.3	12.1	77.2	2.4	5.
6.0	22.9	1794.0	825.0	16.4	14.4	211.6	6.4	3.4	5.5	306.0	340.6	12.7	87.0	2.7	8.
6.9	25.4	2056.6	800.0	15.4	13.3	228.3	5.9	4.4	4.0	307.2	341.1	12.2	87.7	3.0	11.
7.7	27.9	2325.4	775.0	13.7	11.3	240.1	4.8	4.1	2.4	308.6	339.0	11.0	85.4	3.1	15.
8.6	30.4	2632.5	750.0	12.4	9.0	248.8	4.3	4.0	1.6	310.5	337.2	9.8	79.4	3.3	18.
9.6	33.1	2977.1	725.0	12.1	1.8	244.8	4.5	4.7	1.3	312.7	333.0	7.0	57.1	3.5	22.
10.6	35.8	3141.1	700.0	11.1	2.3	253.7	5.1	4.9	1.4	314.7	333.7	6.5	54.6	3.7	25.
11.6	39.6	3484.2	675.0	6.6	-2.1	270.7	4.7	4.7	-0.1	316.4	330.8	4.9	43.8	3.8	29.
12.6	41.3	3790.4	650.0	7.3	-1.0	278.6	6.0	5.9	-0.9	317.3	332.8	5.2	42.2	4.0	33.
13.5	44.1	4119.4	625.0	5.5	-5.7	292.7	7.3	7.1	-1.6	318.6	331.0	4.0	40.2	4.1	38.
14.7	47.0	4450.7	600.0	3.0	-2.8	280.0	7.9	7.8	-1.4	319.5	335.3	5.2	66.0	4.4	44.
15.8	53.0	4784.5	575.0	1.3	-10.3	270.6	8.8	8.8	-0.1	321.2	331.1	3.0	41.6	4.7	49.
16.9	53.0	5151.2	550.0	-0.6	-6.8	267.5	9.1	9.1	0.4	323.2	338.2	4.2	63.4	5.2	53.
18.1	56.1	5521.9	525.0	-2.1	-25.8	263.5	9.1	9.1	1.0	325.5	329.0	0.0	14.2	5.8	57.
19.4	53.3	5934.0	500.0	-4.2	-7.4	264.3	12.1	12.1	1.2	327.9	329.5	0.4	7.9	6.5	63.
20.7	62.4	6309.7	475.0	-7.7	-29.3	262.5	15.9	15.4	2.0	328.5	331.0	0.7	15.9	7.5	67.
22.1	65.7	6738.6	450.0	-10.1	-20.6	261.3	17.9	17.7	2.7	330.2	332.8	0.7	17.0	8.8	66.
23.6	69.1	7187.3	425.0	-11.7	-40.6	265.7	16.5	16.5	1.2	331.5	334.9	0.2	6.8	10.3	69.
24.9	76.4	7629.6	400.0	-14.7	-45.1	268.4	16.5	16.5	0.5	333.2	337.1	0.2	5.3	11.6	71.
26.5	76.2	8115.7	375.0	-17.7	-49.1	272.1	15.5	15.5	-0.6	335.2	338.7	0.1	5.0	13.0	73.
28.2	80.0	8627.5	350.0	-24.2	-49.6	278.0	14.2	14.1	-2.0	338.2	339.3	0.1	6.2	14.4	75.
29.9	83.9	9167.6	325.0	-26.2	-49.2	278.1	13.9	13.8	-2.0	340.4	341.1	0.1	9.3	15.9	77.
32.0	89.0	9741.3	300.0	-30.3	-49.7	280.8	12.9	12.7	-2.4	342.7	343.2	0.1	14.5	17.3	79.
34.1	92.3	10353.2	275.0	-35.9	-52.7	274.8	13.2	13.1	-1.1	345.2	343.6	0.1	15.7	18.9	81.
36.2	96.5	11107.5	250.0	-41.3	-59.9	282.0	15.4	15.4	-3.3	347.7	343.6	0.1	15.7	18.9	81.
39.5	101.6	11744.6	225.0	-48.4	-69.9	285.5	15.8	15.2	-4.2	347.4	349.9	0.9	9.9	20.6	82.
41.3	106.8	12495.1	200.0	-53.2	-69.9	281.2	14.6	14.3	-3.2	348.2	359.9	0.9	6.9	22.7	85.
44.3	112.5	13311.3	175.0	-59.2	-69.9	284.9	15.7	14.8	-5.1	352.3	369.9	0.9	5.9	25.2	86.
47.3	119.7	14281.5	150.0	-64.7	-69.9	286.6	13.0	11.6	-5.1	355.2	399.9	0.9	5.9	29.0	88.
53.6	124.3	15159.4	125.0	-75.1	-69.9	303.4	8.7	7.3	-4.8	358.6	409.9	0.9	5.9	30.6	90.
54.3	133.1	16184.5	100.0	-74.9	-69.9	350.1	5.1	0.9	-5.0	361.2	409.9	0.9	5.9	32.3	92.
59.1	132.3	16369.6	75.0	-64.9	-69.9	102.7	6.7	-6.5	1.5	432.7	409.9	0.9	5.9	33.5	94.
65.1	153.0	20442.3	50.0	-58.4	-69.9	90.5	9.2	-9.2	0.1	505.6	409.9	0.9	5.9	29.4	94.
77.9	164.5	25310.2	25.0	-46.5	-69.9	82.6	15.4	-15.3	-2.0	642.7	409.9	0.9	5.9	20.2	98.

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

STATION NO. 239
JACKSON, MISSISSIPPI

8 JUNE 1976
505 GMT

TIME MIN	CHTCT	WEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DG	SPFID M/SEC	U CCMP M/SEC	V COMP M/SEC	POT 1 DG R	E POT 1 DG R	HA RTD CM/KG	RM PCT	RANGE MM	AZ DG
0.0	6.0	91.0	1003.7	25.6	23.3	190.0	3.0	0.0	0.0	258.4	346.3	18.3	87.0	0.0	0.
0.1	6.9	123.7	1000.0	25.7	23.6	192.7	10.6	1.4	10.5	298.2	347.8	18.0	88.5	0.1	346.
0.9	6.2	347.6	975.0	26.3	23.7	192.1	12.3	2.7	12.4	300.7	348.3	19.1	85.1	0.5	359.
1.7	11.6	577.3	653.0	24.6	20.8	195.7	13.0	2.9	9.5	302.2	348.2	16.6	79.8	1.1	6.
2.6	14.3	811.0	523.0	23.2	19.0	195.7	8.0	2.7	7.7	303.0	348.6	15.1	77.1	1.5	11.
3.4	15.4	1053.1	423.0	21.7	13.9	193.1	7.4	2.3	7.1	303.5	348.5	11.2	61.1	1.9	13.
4.2	15.4	1294.4	375.0	20.3	14.7	195.7	6.1	1.0	6.0	304.5	344.1	12.2	70.5	2.3	13.
5.1	21.1	1544.4	313.0	18.5	15.4	190.5	4.4	0.0	4.5	305.2	341.2	13.1	82.2	2.6	13.
6.4	23.7	1803.2	255.0	17.3	14.1	193.6	4.2	0.0	4.2	305.9	340.5	12.4	83.5	2.8	11.
7.4	26.2	2053.0	203.0	15.5	11.9	187.2	2.8	0.4	2.5	307.7	339.2	11.0	75.1	3.1	11.
8.4	28.9	2303.0	175.0	13.6	11.3	182.7	2.7	0.1	2.7	308.4	338.4	10.9	45.7	3.2	12.
9.4	31.6	2553.0	150.0	11.0	9.0	214.1	3.2	2.0	2.5	311.0	336.4	9.1	70.5	3.4	11.
10.4	34.0	2803.0	125.0	12.3	6.1	237.3	3.5	3.2	1.3	313.0	333.6	8.2	65.6	3.5	13.
11.4	36.4	3143.4	100.0	13.2	1.7	265.3	3.5	3.2	1.5	314.5	333.1	6.2	51.8	3.6	16.
12.4	38.4	3482.9	75.0	5.5	-0.1	274.2	4.8	3.5	3.2	316.3	333.1	5.6	50.9	3.9	19.
13.5	42.2	3825.0	50.0	7.3	-1.7	275.7	5.2	3.4	3.7	316.6	332.5	5.2	44.0	4.1	20.
14.6	45.0	4174.0	25.0	4.5	-4.1	275.8	5.0	4.1	2.9	318.0	331.7	4.5	52.0	4.4	22.
15.4	48.0	4524.7	0.0	2.4	-5.3	275.4	5.4	5.2	1.3	318.5	332.3	4.4	55.6	4.7	25.
16.7	51.0	4874.7	0.0	1.1	-7.9	277.7	6.7	4.7	0.3	321.3	331.5	4.0	55.0	4.9	25.
18.1	54.0	5224.7	0.0	0.1	-11.2	273.0	7.7	7.7	-0.6	324.3	332.9	2.7	38.4	5.2	34.
19.4	57.0	5574.7	0.0	-1.3	-27.2	278.4	6.2	3.0	-1.6	327.2	333.0	0.4	11.5	5.5	41.
20.6	60.3	5924.9	0.0	-4.1	-24.3	278.2	11.1	11.1	-1.2	328.4	333.6	0.7	13.0	5.9	47.
21.9	63.5	6320.1	475.0	-6.8	-29.0	278.1	12.8	12.6	-1.8	329.6	333.9	0.7	13.7	6.6	53.
23.4	66.9	6735.0	425.0	-5.2	-31.7	271.8	16.1	16.1	-0.5	331.7	333.9	0.6	13.9	7.5	60.
24.9	70.3	7130.1	425.0	-11.3	-31.4	271.2	15.2	15.2	-0.3	334.8	336.4	0.5	14.0	7.7	64.
26.4	73.9	7424.5	400.0	-14.4	-30.8	276.2	13.5	13.6	-1.5	334.3	337.8	0.4	12.8	9.9	65.
28.2	77.5	7624.1	375.0	-17.6	-30.2	274.7	13.7	13.6	-1.0	338.3	339.6	0.3	13.1	11.1	71.
29.7	81.3	7811.5	350.0	-21.8	-42.4	271.0	12.1	12.1	-0.2	339.4	340.4	0.3	13.5	12.4	76.
31.6	85.3	8181.9	325.0	-26.3	-43.7	266.4	11.6	11.6	0.7	342.7	341.4	0.2	17.5	13.7	75.
33.5	89.5	8544.9	300.0	-30.3	-45.5	264.3	10.7	10.7	1.1	342.7	343.5	0.2	21.0	15.0	76.
35.5	93.4	8914.3	275.0	-35.0	-44.4	271.9	11.1	11.1	-0.4	343.6	344.3	0.2	25.5	16.2	77.
37.4	98.5	9274.5	250.0	-40.7	-44.9	273.3	13.6	13.2	-3.1	345.4	345.9	0.0	95.9	17.7	79.
40.3	103.6	9634.5	225.0	-47.0	-49.9	281.3	13.1	12.9	-3.1	348.0	348.0	0.0	99.9	18.5	81.
42.9	109.6	10004.7	200.0	-51.6	-50.9	281.9	15.3	14.8	-3.6	351.1	349.9	0.0	99.9	21.8	81.
45.6	114.5	10374.6	175.0	-55.1	-50.9	298.7	11.6	10.2	-5.5	352.3	349.9	0.0	99.9	23.6	86.
48.4	120.8	10744.6	150.0	-62.2	-49.9	301.2	12.5	12.5	-6.5	352.2	349.9	0.0	99.9	25.5	88.
51.9	127.8	11114.6	125.0	-74.7	-49.9	304.5	10.8	8.3	-5.7	359.4	349.9	0.0	99.9	27.2	91.
55.7	135.3	11484.6	100.0	-78.3	-49.9	321.0	4.3	2.7	-3.3	360.4	349.9	0.0	99.9	28.7	92.
60.4	144.0	11854.6	75.0	-68.5	-49.9	105.1	6.6	-6.4	1.7	424.2	349.9	0.0	99.9	28.2	92.
67.7	154.0	20374.2	50.0	-60.8	-49.9	76.6	12.3	-12.3	-0.7	502.2	349.9	0.0	99.9	28.2	92.
72.3	164.5	25305.2	25.0	-49.5	-49.9	89.1	13.8	-13.8	-0.2	642.2	349.9	0.0	99.9	14.7	95.

ORIGINAL PAGE IS
OF POOR QUALITY

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

STATION NO. 228
 JACKSON, MISSISSIPPI
 8 JUNE 1979
 805 GMT

TIME MIN	CHICT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT Y DG M	WE WTD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.5	91.0	1003.7	23.9	22.9	180.0	1.5	0.0	1.5	206.7	342.9	17.8	94.0	0.0	0.0
0.1	5.8	123.5	900.0	22.9	22.8	192.6	7.1	1.8	7.9	297.6	343.1	17.8	94.0	0.1	303.0
0.8	9.1	348.2	975.0	24.2	22.6	207.7	10.9	5.0	9.0	298.5	346.9	18.1	91.0	0.4	13.0
1.8	12.5	578.7	940.0	23.9	21.1	210.1	9.0	5.5	7.1	301.0	345.7	18.9	90.9	0.9	25.0
2.6	12.7	608.0	925.0	23.7	20.1	210.7	7.1	3.6	6.1	301.6	344.9	19.3	90.7	1.3	25.0
3.5	13.1	1080.6	900.0	21.0	13.1	193.7	5.0	0.4	5.8	303.2	342.6	19.7	83.2	1.6	28.0
4.4	17.5	1290.9	875.0	19.9	15.9	173.3	6.2	-1.8	5.9	308.4	340.0	13.1	77.9	1.9	22.0
5.4	23.0	1541.3	850.0	19.1	14.4	155.3	5.7	-2.4	5.1	308.2	339.8	12.3	76.2	2.2	15.0
6.4	27.5	1797.7	825.0	17.6	12.6	150.1	5.8	-2.5	5.0	307.0	337.6	11.1	72.3	2.4	10.0
7.3	25.0	2060.2	800.0	15.2	13.6	146.7	5.3	-2.9	4.4	307.2	335.4	10.1	74.0	2.7	5.0
8.3	23.4	2329.5	775.0	13.7	10.7	157.0	4.7	-1.8	4.3	308.5	337.9	10.5	62.3	2.9	2.0
9.2	33.2	2605.3	750.0	12.4	6.2	194.1	4.0	1.0	3.9	310.1	336.0	9.2	75.5	3.2	1.0
10.7	33.6	2890.7	725.0	11.6	5.3	241.3	3.8	3.3	1.8	312.2	334.5	7.0	65.3	3.3	3.0
11.4	15.3	3184.2	700.0	10.1	3.8	255.2	4.4	4.3	1.1	313.7	334.7	7.2	64.8	3.4	4.0
12.5	39.0	3486.1	675.0	8.4	2.1	258.0	4.4	4.1	1.5	313.7	334.5	6.8	64.8	3.6	12.0
13.5	43.8	3757.6	650.0	6.9	-0.8	246.9	4.5	3.9	2.2	310.7	333.2	5.5	57.5	3.7	16.0
14.6	43.8	4119.0	625.0	4.5	-4.7	223.9	4.3	3.0	3.1	317.7	330.7	4.3	50.9	4.0	18.0
15.7	40.4	4450.4	600.0	1.9	-6.2	217.2	4.5	2.5	3.5	318.3	332.5	4.7	66.4	4.2	19.0
16.8	42.3	4742.3	575.0	-0.8	-5.6	213.2	5.1	4.2	2.8	319.1	332.5	4.4	65.9	4.5	21.0
18.1	53.3	5147.3	550.0	-1.4	-7.8	233.8	6.0	5.8	1.7	324.4	326.5	1.2	19.3	4.8	25.0
19.5	53.4	4517.3	525.0	-2.3	-7.1	274.1	7.7	7.7	0.8	325.7	326.2	0.3	4.8	5.2	33.0
20.9	52.5	5973.1	500.0	-4.3	-7.1	273.3	8.5	9.5	-0.6	327.2	328.9	0.3	5.0	5.6	35.0
22.4	61.8	6354.5	475.0	-6.4	-8.6	283.1	12.1	11.8	-2.8	330.6	330.7	0.2	2.7	6.1	44.0
23.8	65.0	6725.7	450.0	-9.1	-7.2	281.9	14.5	14.2	-3.0	331.6	336.7	1.4	33.5	6.7	51.0
25.4	64.4	7165.8	425.0	-11.5	-4.7	274.2	14.1	13.9	-2.0	334.3	334.8	0.1	3.6	7.8	60.0
26.9	71.9	7426.9	400.0	-14.1	-4.2	264.9	12.0	11.6	-3.1	335.4	336.1	0.2	7.0	8.7	65.0
28.6	75.6	8111.5	375.0	-18.7	-8.0	275.9	9.0	9.8	-1.0	338.5	337.0	0.0	1.5	9.6	70.0
30.3	79.3	8621.9	350.0	-22.3	-5.6	240.6	5.4	9.3	1.5	338.2	336.8	0.0	2.3	10.5	71.0
32.7	83.3	9162.2	325.0	-26.1	-5.6	261.6	10.0	9.9	1.4	340.6	341.2	0.1	7.9	11.6	72.0
34.1	87.3	9736.7	300.0	-30.6	-4.1	269.1	5.0	9.0	0.1	342.2	342.9	0.2	16.0	12.7	73.0
36.1	91.7	10348.9	275.0	-34.3	-1.9	281.3	8.0	8.0	-1.7	344.1	344.5	0.1	16.3	13.6	75.0
38.3	96.2	11025.8	250.0	-40.7	9.9	273.6	10.8	10.5	-0.7	345.6	349.9	9.0	95.0	14.8	77.0
40.7	101.2	11713.6	225.0	-46.9	9.9	274.9	12.6	12.6	-1.1	348.7	349.5	5.9	98.9	16.4	78.0
43.3	105.2	12444.1	200.0	-52.6	5.9	280.2	11.7	11.5	-2.1	349.4	349.9	9.0	99.9	19.3	80.0
46.7	111.8	13333.2	175.0	-54.6	5.9	285.5	6.9	6.8	-1.8	353.2	349.9	5.9	99.9	19.9	82.0
49.7	117.8	14278.1	150.0	-67.6	5.9	304.8	8.2	6.8	-4.6	353.7	349.9	5.9	99.9	21.0	86.0
52.5	124.7	15354.4	125.0	-75.1	5.9	304.8	7.4	6.1	-4.2	359.5	349.9	5.9	99.9	22.0	86.0
56.7	131.7	16338.1	100.0	-77.9	9.9	297.5	7.3	6.7	-2.1	377.3	349.9	5.9	99.9	23.4	88.0
61.6	141.0	18120.2	75.0	-64.8	5.9	92.1	7.4	-7.8	0.3	427.7	349.9	5.9	99.9	22.3	88.0
69.0	151.2	20410.3	50.0	-50.0	9.9	89.3	12.3	-12.3	-0.4	504.4	349.9	5.9	99.9	17.7	91.0
81.9	163.0	23269.9	25.0	-42.5	4.9	93.1	18.3	-18.3	0.9	633.6	349.9	5.9	99.9	8.6	88.0

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

STATION NO. 239
JACKSON, MISSISSIPPI

8 JUNE 1979
1100 GMT

163 11. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCF T DC M	E POT T DC M	M3 STD GM/KG	RM PCF	RANGE AM	AZ DG
0-0	5-9	91-0	1004.2	21.7	21-7	160.0	0-0	0-0	299.4	336.9	16.5	100.0	0-0	0-
0-1	6-2	136.3	1000.0	21.8	21-6	207.9	0-3	0-2	295.0	337.5	16.5	58.6	0-1	356.
0-8	9-5	357.9	975.0	23.0	22-3	207.9	0-0	0-0	258.2	344.4	17.7	96.0	0-3	13.
1-6	10-9	565.0	952.0	23.2	21-2	202.8	2-8	6-7	299.7	344.4	17-0	94.4	0-7	22.
2-4	13-3	917.6	925.0	20.5	19-7	186.1	0-8	5-3	300.7	342.7	15-9	92.6	1-0	20.
3-2	15-7	1375.4	902.0	19.7	14-9	164.5	-1-1	5-5	301.8	343.0	15-5	75.2	1-2	16.
4-1	19-2	1754.7	875.0	18.6	17-3	153.9	-2-6	5-4	303.2	341.7	14-4	61.8	1-5	9.
5-0	23-7	1549.0	852.0	17.6	14-0	154.6	-2-5	5-2	304.4	338.9	12-6	83.8	1-7	2.
5-9	21-3	1433.6	825.0	16.3	14-8	151.4	-2-2	4-5	307.4	341.3	13-0	51.3	2-0	35.9.
6-7	25-8	2064.7	802.0	15.1	11-5	152.2	-2-1	4-1	307.4	337.0	10-8	79.2	2-2	356.
7-7	24-4	2335.2	775.0	13.9	9-9	159.7	-1-7	4-3	309.3	336.5	10-0	77.4	2-5	353.
8-6	31-1	2411.4	752.0	12.5	9-2	172.5	-0-0	4-3	310.1	336.0	9-2	75.1	2-7	353.
9-5	31-4	2495.9	732.0	11.1	7-6	214.7	1-6	2-3	313.4	337.2	5-0	76.0	2-9	354.
12-5	36-4	3169.9	700.0	9.9	3-5	255.1	2-3	0-6	318.4	336.0	7-1	65.0	3-0	356.
11-6	31-2	3450.7	675.0	8.2	1-9	260.0	3-2	0-6	318.5	334.1	6-5	64.2	1-6	354.
12-6	42-1	3401.7	650.0	6.4	-2-9	250.0	4-1	1-5	316.2	330.6	4-8	51.4	3-1	0.
13-9	45-0	4122.6	625.0	4.8	-4-0	231.4	4-1	3-2	317.5	331.8	4-6	53.1	3-2	9.
15-3	47-9	4454.4	600.0	2.2	-5-0	216.2	2-5	4-0	318.7	332.1	4-4	58.8	3-1	11.
16-3	50-9	4766.4	575.0	-0.3	-6-9	202.8	3-8	3-7	319.7	330.2	3-4	52.2	3-8	14.
17-5	54-0	5151.6	552.0	-1.3	-15-5	233.5	6-0	5-7	322.6	329.3	2-1	22.7	4-1	16.
18-9	57-1	5522.1	525.0	-1.8	-47-7	270.4	8-0	6-0	326.2	326.6	0-1	1.5	6-3	25.
23-1	63-3	5324.2	500.0	-4.3	-51-0	271.8	9-4	9-4	327.4	328.1	0-1	1.2	6-7	32.
21-4	63-6	6310.2	475.0	-6.7	-47-9	240.7	9-8	-1-9	329.7	330.1	0-1	2.1	5-1	40.
22-8	67-0	6729.7	452.0	-9.9	-48.7	209.2	9-9	-3-4	330.5	331.2	0-1	2.4	5-5	48.
24-3	73-4	7169.9	425.0	-13.0	-24.3	254.3	5-4	-0-6	332.2	336.7	1-3	38.3	5-9	56.
25-9	74-0	7624.9	402.0	-15.1	-33.1	291.4	6-3	-3-3	335.4	337.5	0-6	14.6	6-4	64.
27-7	77-7	8114.3	375.0	-18.4	-34-4	267.0	5-7	9-2	337.1	339.2	0-5	23.0	7-2	69.
29-4	81-4	8625.1	350.0	-22.1	-46-4	277.2	5-4	-0-2	339.0	339.0	0-2	9.2	6-0	73.
31-3	85-5	9166.6	325.0	-25.8	-32.1	259.6	9-1	1-7	341.2	342.3	0-3	19.9	9-0	75.
33-2	89-7	9741.4	302.0	-30.0	-49.1	258.0	7-8	1-7	343.2	343.7	0-1	13.4	10-0	75.
35-4	94-2	10354.4	275.0	-35.2	-51.1	267.9	8-2	0-3	344.3	344.8	0-1	17.7	11-0	76.
37-5	98-8	11011.6	252.0	-40.6	-59.9	274.7	8-6	-0-7	345.6	344.8	0-1	99.9	12-1	77.
40-0	104-6	11721.4	225.0	-45.9	-57.9	292.8	9-0	-3-5	348.1	349.9	0-9	459.9	13-7	80.
42-7	109-9	12494.7	202.0	-52.1	-99.9	283.0	10-2	-2-3	350.2	349.5	59-9	555.9	14-6	83.
45-8	114-5	13365.2	175.0	-55.2	-57.9	277.9	8-7	-1-2	352.2	349.9	55-9	555.9	16-3	84.
48-9	120-5	14244.3	152.0	-66.7	-53.9	314.0	4-5	-3-4	355.1	348.9	89-8	969.8	17-5	86.
52-8	127-3	15177.0	125.0	-73.5	-59.9	320.8	4-5	-3-5	361.4	349.9	65-9	969.9	17-8	88.
57-1	134-7	16092.2	102.0	-75.8	-59.9	282.3	5-4	-1-2	361.1	349.9	65-9	969.9	18-8	89.
62-4	143-0	17159.5	75.0	-83.1	-53.9	277.8	-8-7	-1-9	362.1	349.9	55-9	969.9	17-0	91.
71-1	152-3	23455.0	50.0	-94.9	-9-9	94.0	-12.0	0-8	505.7	349.9	99-9	969.9	11-6	96.
83-7	161-7	25315.0	25.0	-91.1	-59.9	992.9	99.9	99.9	630.1	349.9	99-9	999.9	2-8	105.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
LAKE CHARLES, LOUISIANA
7 JUNE 1979
1100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG F	MR WTD G/M/KG	RM PCT	RANGE KM	AZ DEG	
0.0	5.9	5.0	1009.3	25.6	24.0	170.0	3.6	-0.6	3.5	298.6	347.4	19.0	91.0	0.0	0.	
0.3	6.7	87.0	1050.0	25.2	23.6	187.0	5.7	1.5	9.8	288.4	250.0	19.9	96.2	0.3	352.	
1.1	8.8	310.4	975.0	23.9	22.6	198.2	11.5	1.7	11.8	299.3	369.4	19.2	98.3	0.6	1.	
1.7	10.4	538.3	950.0	22.4	22.0	191.1	13.1	2.5	12.0	299.5	366.9	17.9	97.9	1.1	5.	
2.6	13.0	770.7	925.0	21.0	19.0	194.2	13.2	3.2	12.8	300.8	361.0	15.2	89.4	1.8	8.	
3.3	15.2	1004.2	900.0	20.1	15.1	192.4	12.6	2.7	12.3	302.2	335.0	12.1	73.0	2.3	9.	
4.1	17.4	1221.7	875.0	15.1	14.1	194.7	11.8	3.0	11.4	303.3	235.5	11.7	73.0	2.4	12.	
5.0	19.6	1500.9	850.0	17.4	15.3	200.0	11.9	4.1	11.2	304.4	311.6	10.7	72.0	3.5	11.	
5.9	21.9	1756.1	825.0	14.4	15.0	205.5	11.5	5.0	10.4	305.6	240.8	13.2	57.2	4.1	13.	
6.4	24.2	2117.7	800.0	14.1	13.6	207.0	12.3	5.6	11.0	306.2	360.3	12.4	56.8	4.8	14.	
7.7	26.5	2786.4	775.0	13.4	10.5	214.7	13.9	7.9	11.3	308.2	337.2	10.4	82.7	5.5	17.	
8.6	29.0	2562.2	750.0	12.1	6.7	219.3	14.4	9.1	11.2	305.7	333.2	8.3	65.8	6.2	19.	
9.5	31.3	2842.5	725.0	11.1	9.6	227.3	17.2	8.9	8.3	311.3	339.4	6.8	66.5	6.9	22.	
10.5	33.7	3143.0	700.0	10.4	4.4	235.5	11.4	9.4	6.4	314.6	335.9	7.5	66.2	7.5	24.	
11.4	36.2	3442.3	675.0	6.5	3.4	240.8	12.3	10.8	6.0	315.2	338.4	7.3	70.0	8.1	27.	
12.4	38.7	3753.6	650.0	6.3	-1.4	236.7	13.3	11.1	7.3	316.1	332.2	5.4	59.9	8.9	30.	
13.6	41.2	4074.6	625.0	4.1	-2.5	232.5	12.8	10.2	7.8	317.2	332.6	5.1	62.5	9.5	32.	
14.4	43.8	4405.7	600.0	2.1	-5.1	226.6	10.1	7.3	6.9	318.6	331.9	4.4	59.6	10.3	33.	
15.0	45.4	4749.1	575.0	0.6	-3.4	221.6	8.6	5.7	6.5	320.7	334.4	5.2	74.4	10.9	34.	
17.1	49.2	5105.1	550.0	-1.3	-6.4	219.2	10.3	6.5	8.0	322.1	335.9	4.3	68.4	11.8	34.	
19.3	52.3	5474.8	525.0	-3.5	-8.5	217.6	10.8	8.6	8.5	324.2	336.3	3.8	68.1	12.3	35.	
17.5	49.9	5859.6	500.0	-5.8	-21.1	225.9	10.3	7.4	7.1	326.6	230.8	1.4	22.6	13.1	35.	
20.4	57.9	6260.5	475.0	-7.0	-24.1	248.6	11.4	10.6	4.1	329.2	329.5	0.0	1.0	13.5	36.	
22.3	63.8	6679.6	450.0	-10.0	-29.3	258.2	13.1	12.8	2.7	330.6	330.2	0.0	1.0	14.8	39.	
24.0	64.0	7114.0	425.0	-12.7	-28.0	262.0	14.4	14.3	2.0	332.6	332.2	0.0	1.0	15.8	42.	
25.7	67.1	7577.9	400.0	-16.4	-37.7	265.2	15.0	14.9	1.2	334.7	335.9	0.6	23.2	17.0	42.	
27.5	73.5	8060.5	375.0	-19.1	-41.4	299.3	15.5	15.3	2.9	337.4	337.7	0.0	1.0	19.3	49.	
29.4	74.0	8571.9	350.0	-21.9	-63.9	254.1	17.4	16.8	4.8	339.2	239.3	0.0	1.0	19.9	51.	
31.2	77.6	9112.9	325.0	-24.3	-66.7	255.4	18.6	18.0	4.7	340.4	340.5	0.0	1.0	21.8	53.	
33.4	81.3	9686.7	300.0	-30.5	-52.3	251.9	15.0	14.3	4.7	342.4	342.9	0.1	11.1	23.8	55.	
35.9	85.2	10294.6	275.0	-35.1	-65.2	235.8	14.1	11.7	7.9	344.4	344.5	0.0	3.5	25.8	56.	
39.4	93.3	10956.6	250.0	-40.7	-59.9	234.4	14.5	12.3	7.6	345.6	345.9	0.0	55.9	29.3	56.	
41.0	93.7	11664.2	225.0	-46.8	-59.9	240.0	16.7	13.3	6.8	346.7	346.9	0.0	99.9	30.4	56.	
44.0	99.4	12433.6	200.0	-53.2	-57.9	282.0	17.5	17.4	2.4	348.6	348.6	0.0	99.9	33.4	58.	
47.3	103.4	13285.3	175.0	-58.3	-57.9	250.3	14.6	17.8	4.9	353.7	349.9	0.0	99.9	36.3	60.	
51.0	109.0	14237.8	150.0	-64.3	-59.9	240.2	14.5	12.4	7.2	356.6	349.9	0.0	99.9	39.7	60.	
54.9	115.0	15272.8	125.0	-74.2	-59.9	273.9	10.4	10.3	-0.7	363.2	349.9	0.0	99.9	42.0	61.	
59.7	123.0	16316.2	100.0	-82.5	-59.9	245.3	6.2	9.6	2.6	364.4	349.9	0.0	99.9	44.1	63.	
65.8	130.0	18115.7	75.0	-66.1	-59.9	115.0	4.9	-4.5	2.1	430.1	349.9	0.0	99.9	44.5	62.	
74.5	140.3	20330.2	50.0	-56.4	-59.9	99.9	99.9	99.9	99.9	509.6	349.9	0.0	99.9	40.4	61.	
99.9	99.9	59.9	24.0	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
7 JUNE 1979
1405 GMT

163 11. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	E POT 2 DEG K	WZ AFO CM/KG	RM PCT	RANGE KM	AZ UG
0-0	5-9	5-0	1011.0	27.8	24.4	190.0	6.2	1.1	6.1	300.0	351.0	19.5	82.0	0.0	0.
0-4	6-9	102.3	1000.0	26.8	23.3	174.7	6.2	-0.1	6.2	300.0	348.2	18.6	81.1	0.2	5.
1-1	9-2	326.4	975.0	24.4	22.8	180.9	7.0	0.1	7.0	259.2	347.5	18.2	90.4	0.4	2.
1-7	11-5	554.7	950.0	22.8	22.2	187.0	8.4	1.0	6.3	300.4	347.9	18.1	56.2	0.7	3.
2-7	13-7	786.9	925.0	20.0	17.3	187.3	5.7	2.1	9.5	249.2	335.9	13.6	84.4	1.2	5.
3-5	16-1	1024.6	920.0	22.1	12.9	198.5	11.4	3.6	10.8	304.2	233.0	10.5	86.0	1.7	9.
4-4	13-5	1269.2	875.0	20.9	10.7	207.3	12.1	6.2	11.3	305.2	331.4	9.4	52.3	2.4	12.
5-2	23-8	1519.4	850.0	18.4	12.6	209.1	11.0	5.4	9.6	305.2	335.3	10.9	68.7	3.0	14.
6-2	21-3	1775.4	825.0	16.4	14.1	214.1	11.6	6.5	9.6	305.5	339.7	12.4	66.3	3.5	18.
7-1	25-7	2337.5	822.0	15.2	13.2	218.5	12.1	6.6	10.1	307.2	340.4	12.0	87.7	4.2	20.
8-0	24-2	2306.4	815.0	15.9	9.4	215.4	12.1	7.5	9.5	307.7	338.2	9.6	74.1	4.1	22.
8-4	33-8	2582.1	780.0	12.3	7.7	221.6	11.7	7.8	8.4	309.9	335.0	8.9	73.7	5.4	24.
9-1	31-3	2466.4	725.0	11.0	5.6	222.3	10.2	6.9	7.5	311.2	334.0	7.8	64.3	6.0	26.
10-9	35-0	3159.3	700.0	10.3	5.6	227.0	9.4	6.8	6.4	313.5	337.6	8.2	72.6	6.6	27.
12-3	34-7	3461.5	675.0	8.5	0.7	234.7	10.4	6.6	6.1	315.1	332.8	6.0	59.2	7.2	27.
13-0	41-3	3772.9	650.0	6.9	-1.1	237.6	11.2	7.4	6.0	316.8	331.1	5.5	56.7	7.9	32.
14-1	44-1	4094.8	625.0	5.7	-0.2	237.2	9.1	7.6	4.9	319.0	331.0	3.9	42.3	8.5	34.
15-4	46-9	4427.5	600.0	3.7	-18.3	224.5	7.9	5.5	5.2	320.4	325.3	1.5	18.2	9.0	35.
16-4	43-4	4771.4	575.0	1.1	-18.0	214.0	8.4	6.7	7.0	321.2	324.2	2.1	29.5	9.5	35.
17-7	51-4	5127.6	550.0	-1.7	-5.6	210.7	10.1	5.1	8.7	322.1	326.8	4.6	74.8	10.2	35.
19-1	54-8	5497.1	525.0	-3.9	-5.8	216.8	11.1	6.7	8.9	323.7	328.4	4.8	87.0	11.1	35.
21-5	55-9	5881.7	500.0	-3.9	-47.0	226.5	10.4	7.9	6.8	326.2	328.9	0.2	2.4	12.1	35.
21-9	62-0	6274.9	475.0	-5.6	-33.5	238.1	11.3	8.6	6.0	331.0	331.2	0.1	1.0	12.9	37.
23-3	65-3	6706.7	450.0	-8.1	-42.0	235.1	12.0	9.9	6.9	333.0	334.0	0.2	5.5	13.8	38.
24-7	64-6	7148.0	425.0	-11.0	-49.3	248.9	12.4	11.7	4.5	334.2	335.3	0.1	2.7	14.9	40.
26-3	71-1	7611.6	400.0	-13.0	-43.2	265.4	13.3	11.7	1.1	338.1	239.0	0.2	6.7	15.7	42.
27-0	74-7	8100.0	375.0	-17.2	-39.1	268.6	14.5	14.5	0.4	338.5	243.7	0.5	19.0	16.7	48.
29-5	79-4	8613.1	350.0	-21.2	-34.7	255.8	15.7	15.2	3.8	340.1	240.3	0.0	2.1	17.8	48.
31-3	83-3	9153.5	325.0	-25.0	-31.8	249.4	17.0	13.9	6.0	342.2	242.3	0.0	1.5	19.5	50.
33-7	87-3	9731.9	300.0	-29.9	-28.2	251.7	13.8	13.1	4.3	344.2	244.9	0.1	0.6	21.2	52.
35-3	91-7	10347.2	275.0	-34.5	-22.0	248.9	12.7	11.7	5.0	345.2	245.7	0.1	15.2	22.7	53.
37-5	96-2	11005.6	250.0	-40.1	-19.5	247.5	15.0	13.9	5.8	346.2	246.9	0.1	95.9	24.5	54.
39-8	101-0	11719.1	225.0	-44.3	-14.9	241.5	15.0	14.2	4.8	347.5	247.9	0.1	95.9	26.5	56.
42-4	106-2	12487.0	200.0	-47.5	-9.9	241.7	15.8	15.0	5.0	349.7	249.9	0.1	95.9	28.9	57.
45-4	111-8	13139.5	175.0	-51.9	-9.9	243.0	15.1	13.4	6.8	353.4	249.8	0.1	95.9	31.5	58.
48-4	117-8	14291.0	150.0	-66.5	-9.9	246.8	11.4	10.8	4.6	355.2	249.8	0.1	95.9	34.0	58.
52-2	124-5	15379.9	125.0	-72.1	-9.9	243.2	5.5	9.5	-0.1	364.4	249.8	0.1	95.9	36.7	60.
56-7	132-0	16472.1	100.0	-74.3	-9.9	243.2	4.0	4.1	2.1	344.2	249.8	0.1	95.9	37.0	55.
61-6	140-7	18172.0	75.0	-64.7	-9.9	124.8	2.4	-4.4	3.1	433.2	249.8	0.1	95.9	33.8	56.
64-4	150-5	20479.4	50.0	-58.7	-9.9	98.0	11.6	-11.8	0.8	501.2	249.8	0.1	95.9	26.6	42.
60-4	161-3	25392.6	25.0	-44.8	-9.9	99.9	99.9	99.9	99.9	656.2	249.8	0.1	99.9	26.6	42.

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

STATION NO. 200
LANE CHARLES, LOUISIANA

7 JUNE 1979
1705 GMT

150 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG	E POT Y D. K	HI RTO GM/KG	DN PCT	RANGE K.M	AZ DEG
0-0	5-8	5-0	1012-0	28-9	23-3	170-0	5-1	-0-9	5-0	301-0	349-0	18-2	72-0	0-0	0-
0-3	6-9	111-5	1000-0	27-6	23-1	172-3	9-8	-1-3	9-7	300-7	349-5	18-1	76-7	0-2	354-
0-9	6-8	336-2	975-0	25-6	22-1	172-4	9-2	-1-2	9-1	301-0	347-2	17-5	81-1	0-5	353-
1-7	11-0	505-0	958-0	23-6	21-7	173-5	8-3	-1-6	8-2	301-0	347-4	17-5	89-1	0-9	353-
2-4	13-1	709-0	928-0	21-1	19-0	172-1	6-3	-1-1	6-2	300-5	343-3	15-2	87-8	1-2	351-
3-2	15-1	1036-1	500-0	21-4	13-5	186-6	10-6	0-9	10-5	303-4	333-5	11-0	61-5	1-6	353-
4-1	17-5	1280-8	875-0	21-4	10-3	190-6	11-2	2-1	11-0	306-4	331-2	9-1	49-3	2-0	350-
5-1	19-7	1533-4	850-0	19-1	12-0	201-4	9-0	3-3	8-4	308-2	335-1	10-5	43-6	2-7	1-
6-0	22-0	1787-7	825-0	17-2	12-3	211-7	9-8	5-0	8-1	306-7	337-0	11-0	72-6	3-2	5-
6-3	24-3	2050-4	800-0	15-2	13-3	215-3	5-6	5-7	8-1	307-4	341-8	12-1	88-3	3-8	9-
7-9	26-6	2319-6	775-0	13-2	11-6	219-6	10-2	6-5	7-9	308-0	339-0	11-2	90-0	4-1	13-
9-9	29-0	2555-3	750-0	11-9	7-4	227-8	10-4	7-7	7-0	309-2	338-0	8-7	73-8	4-7	17-
9-9	31-4	2830-2	725-0	10-2	3-3	230-2	10-1	7-7	6-5	312-4	332-2	6-7	58-6	5-2	21-
11-0	33-9	3173-7	700-0	10-2	3-3	228-5	9-4	7-1	6-3	313-2	338-1	7-0	62-2	5-8	24-
12-1	36-3	3475-6	675-0	7-8	2-5	238-1	9-5	7-7	5-6	314-4	338-4	6-8	69-2	6-4	26-
13-1	39-9	3786-1	650-0	6-2	-3-0	240-1	8-9	7-7	4-5	316-0	330-2	4-7	51-8	7-0	29-
14-6	41-4	4107-4	625-0	5-1	-3-7	235-5	6-9	5-5	4-1	318-2	332-4	4-7	52-9	7-5	32-
15-6	44-1	4483-0	600-0	3-7	-9-6	222-2	7-0	4-7	5-2	320-4	330-1	3-1	37-1	7-9	32-
17-0	46-5	4784-3	575-0	0-9	-5-4	222-0	9-8	6-6	7-3	321-0	338-8	4-5	61-1	8-5	33-
19-3	48-5	5181-1	550-0	-1-1	-8-6	222-3	11-1	7-4	6-2	322-8	338-2	3-6	56-2	9-3	34-
19-5	52-3	5510-3	525-0	-3-8	-14-1	220-9	12-7	8-3	9-6	323-5	332-0	2-5	46-1	10-2	34-
20-4	55-2	5854-7	500-0	-4-0	-37-1	219-6	12-8	8-2	9-9	327-1	328-6	0-4	7-4	11-2	35-
22-3	58-1	6206-8	475-0	-6-3	-51-9	231-0	12-1	9-4	7-6	330-2	330-4	0-1	1-0	12-3	36-
23-7	61-1	6718-5	450-0	-6-0	-24-1	241-5	13-4	12-0	6-0	333-3	336-2	0-8	18-1	13-3	37-
25-2	64-4	7160-6	425-0	-10-7	-29-2	251-5	12-8	12-2	4-1	335-2	338-1	0-8	20-1	14-3	40-
26-6	67-6	7628-2	400-0	-13-5	-33-1	248-3	13-5	12-4	5-4	337-2	338-6	0-4	10-4	15-4	42-
29-4	72-9	8112-3	375-0	-17-0	-60-7	248-2	14-5	13-0	6-3	339-1	339-2	0-0	1-0	16-8	44-
30-3	74-3	8625-9	350-0	-20-9	-62-1	252-2	14-1	13-5	4-3	340-4	340-7	0-0	1-2	18-2	46-
32-2	74-0	9167-7	325-0	-25-8	-44-1	258-4	13-9	13-4	3-7	341-1	342-8	0-2	16-0	17-8	48-
34-1	81-7	9744-3	300-0	-29-5	-47-3	238-9	12-4	10-6	6-4	343-2	348-5	0-2	18-7	21-0	50-
36-1	85-7	10358-5	275-0	-34-8	-47-3	238-7	12-6	11-0	6-7	344-2	348-6	0-2	26-5	22-5	50-
39-2	94-8	11015-7	250-0	-40-4	59-9	250-3	11-8	11-1	4-0	346-0	999-8	99-9	999-9	24-0	51-
40-7	98-3	11725-1	225-0	-45-7	59-9	248-2	13-7	12-7	5-1	348-4	999-9	99-9	999-9	25-7	52-
43-5	99-0	12499-2	200-0	-51-9	99-9	248-9	14-9	13-7	5-8	351-3	999-9	99-9	999-9	29-1	54-
46-9	104-2	13152-	175-0	-58-4	93-9	243-5	13-3	11-9	5-9	353-2	999-9	99-9	999-9	31-0	55-
50-1	107-5	14104-0	150-0	-65-4	59-9	238-2	10-1	8-0	6-2	355-0	999-9	99-9	999-9	33-2	55-
53-4	116-3	15190-4	125-0	-73-3	99-9	231-6	5-4	4-2	3-3	364-1	999-9	99-9	999-9	34-9	55-
59-0	121-0	16685-2	100-0	-73-5	99-9	201-6	2-8	2-6	-1-1	385-7	999-9	99-9	999-9	35-8	55-
63-6	131-3	18383-1	75-0	-67-3	59-9	134-3	6-6	-10-8	4-6	431-2	999-9	99-9	999-9	35-9	55-
70-9	141-7	20980-3	50-0	-58-3	99-9	104-5	11-2	-10-8	2-8	508-2	999-9	99-9	999-9	32-8	48-
83-4	155-0	25391-4	25-0	-46-6	59-9	599-9	99-9	99-9	99-9	658-7	999-9	99-9	999-9	26-7	36-

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

STATION NO. 248
LAKE CHARLES, LOUISIANA

7 JUNE 1979
2000 GMT

TIME MIN	CNTCY	HEIGHT GPM	WINDS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U M/SEC	V M/SEC	POT V DEG K	E POT Y DEG K	MJ RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0-0	1-0	5-0	1011.7	30.0	23.9	180.0	6.2	0.0	6.2	382.2	352.1	18.8	70.0	0.0	0
0-3	6-1	109.2	1000.0	28.4	22.5	156.2	8.7	-3.1	8.2	381.6	347.7	17.4	70.2	0.3	330
0-6	8-1	333.6	975.0	25.7	20.8	160.5	8.2	-2.7	7.7	381.6	343.6	16.1	70.2	0.5	330
1-7	10-3	582.6	950.0	23.5	20.5	167.6	7.9	-1.7	7.7	381.1	344.8	16.2	83.0	0.8	300
2-3	12-4	795.9	925.0	21.5	19.3	174.4	6.2	-0.8	6.1	381.3	342.3	15.4	87.3	1.2	300
3-2	16-5	1033.9	900.0	20.9	13.3	183.3	7.3	0.4	7.3	383.1	332.5	10.8	62.3	1.5	307
4-2	16-7	1278.3	875.0	21.6	9.8	186.6	7.1	1.1	7.0	386.3	330.9	8.9	47.6	1.9	351
5-2	18-9	1528.9	850.0	19.2	11.4	194.9	6.9	1.8	6.7	386.2	334.1	10.1	60.7	2.4	355
6-2	21-2	1785.1	825.0	17.2	11.8	207.6	5.8	2.7	5.1	386.6	336.1	10.6	70.5	2.7	356
7-2	21-5	2047.4	803.0	14.9	11.5	219.5	6.0	3.5	4.9	387.6	336.8	10.4	80.5	3.0	2
8-3	25-8	2316.1	775.0	13.4	9.5	224.3	7.0	4.9	5.0	388.3	335.4	9.7	77.3	3.3	7
9-4	29-2	2592.3	753.0	12.5	5.4	230.5	7.9	6.1	5.0	310.2	331.8	7.6	62.0	3.7	12
10-5	30-5	2878.8	725.0	11.8	2.7	232.6	6.0	6.5	4.8	312.4	331.8	6.4	53.7	4.1	17
11-6	31-0	3176.3	700.0	10.8	2.0	221.6	6.0	5.3	6.0	314.2	334.3	6.8	58.1	4.6	20
12-7	35-4	3473.0	675.0	7.9	-1.1	215.3	7.5	4.3	6.1	316.6	331.3	5.3	49.5	5.1	22
13-8	39-0	3784.5	650.0	7.0	-1.8	216.0	7.6	4.5	6.1	316.6	332.4	5.2	53.7	5.6	23
14-9	43-5	4106.1	625.0	4.8	-3.4	212.1	7.0	3.7	5.9	318.6	332.3	4.7	54.4	6.1	26
16-2	43-1	4438.2	600.0	2.7	-2.7	224.6	6.4	8.9	6.0	319.2	335.1	5.2	67.5	6.6	25
17-4	45-9	4781.9	575.0	1.1	-8.5	231.3	10.3	8.2	6.1	321.2	332.2	3.5	48.8	7.2	27
18-8	48-6	5138.3	550.0	-6.8	-16.8	232.8	13.4	18.7	8.1	323.2	329.3	1.9	28.5	8.1	30
20-0	51-3	5598.1	525.0	-1.2	-20.7	232.1	13.1	18.4	8.1	327.6	327.3	0.1	1.0	9.1	33
21-4	54-2	5986.7	500.0	-2.7	-31.6	233.0	12.5	18.0	7.5	329.4	330.5	0.1	1.0	10.0	35
22-7	57-1	6380.4	475.0	-6.2	-33.8	232.4	13.2	18.2	8.1	330.2	330.5	0.1	1.0	11.0	36
24-2	60-1	6721.1	450.0	-9.0	-44.2	236.3	12.6	18.5	7.8	332.0	332.7	0.2	4.2	12.1	38
25-9	63-3	7111.6	425.0	-11.6	-27.0	242.9	11.5	18.2	5.2	334.1	337.4	1.0	27.1	13.3	40
27-4	64-4	7623.8	403.0	-14.2	-44.2	246.4	11.1	18.1	4.4	336.2	337.6	0.1	3.8	14.3	42
29-4	69-7	8110.2	375.0	-17.4	-61.0	243.7	10.3	9.2	4.8	338.6	338.7	0.0	1.0	15.3	44
31-3	73-1	8622.2	350.0	-22.0	-63.9	237.5	10.8	9.1	5.8	339.1	339.2	0.0	1.0	16.5	45
33-2	76-7	9162.9	325.0	-26.5	-55.6	240.5	9.4	8.7	3.6	340.3	340.8	0.1	4.5	17.6	46
35-3	80-4	9737.0	300.0	-30.5	-44.8	240.5	10.8	8.7	5.0	342.4	343.3	0.2	23.1	18.7	47
37-5	84-3	10388.9	275.0	-35.6	-45.4	238.3	10.5	9.8	8.5	343.7	344.6	0.2	34.4	20.9	48
39-0	89-5	11085.3	250.0	-41.0	-59.9	241.7	11.1	9.8	5.3	345.2	348.9	99.9	99.9	20.9	48
42-6	92-9	11713.1	225.0	-44.5	-59.9	235.6	13.5	11.1	7.6	347.2	349.9	99.9	99.9	21.5	48
45-4	97-4	12484.4	200.0	-52.5	-49.0	237.0	13.5	10.6	8.3	349.7	349.9	99.9	99.9	23.4	50
48-5	102-5	13333.9	175.0	-59.4	-59.4	232.6	12.7	10.3	7.7	351.5	349.9	99.9	99.9	25.7	50
52-1	108-0	14288.9	150.0	-64.2	-59.9	242.9	10.3	9.1	4.7	354.1	349.9	99.9	99.9	30.7	50
55-7	114-3	15173.1	125.0	-72.8	-59.9	255.1	4.9	4.7	1.3	363.7	349.9	99.9	99.9	32.0	51
63-2	121-0	16682.7	100.0	-74.9	-59.9	258.0	3.2	3.1	0.7	383.8	349.9	99.9	99.9	32.8	51
65-7	129-0	18346.2	75.0	-64.8	-59.9	168.0	6.5	-1.3	6.4	428.7	349.9	99.9	99.9	30.4	45
73-4	139-0	20336.2	50.0	-60.3	-59.9	102.1	9.9	-9.7	2.1	881.2	349.9	99.9	99.9	30.4	45
86-0	151-5	25320.0	25.0	-48.9	-59.9	87.0	14.8	-14.8	-8.7	644.2	349.9	99.9	99.9	28.5	29

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

STATION NO. 240
LAKE CHARLES, LOUISIANA

7 JUNE 1979
2300 GMT

TIME MIN	CMTC	WEIGHT GPM	PRES MB	TEMP DC C	DIR DC C	DIR DC C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DC K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.9	5.0	1011.3	28.3	22.3	180.0	6.2	0.0	6.2	380.2	345.4	17.0	70.0	0.0	0.0
0.3	6.8	104.7	1000.0	26.2	20.9	165.1	10.9	-2.1	10.7	299.4	361.6	15.0	72.5	0.4	347.0
1.0	9.0	327.9	975.0	23.8	20.4	171.4	10.0	-1.5	9.9	299.1	340.5	15.7	81.4	0.7	368.0
1.6	11.1	555.8	950.0	22.2	20.9	176.0	6.2	-0.6	6.2	299.7	343.6	16.6	92.5	1.0	350.0
2.4	13.3	787.7	925.0	19.9	19.3	175.2	6.3	-0.7	6.2	299.7	340.4	15.4	95.8	1.4	352.0
3.1	14.5	1024.1	900.0	18.3	8.9	162.9	6.2	-1.0	6.0	300.4	323.7	8.6	57.9	1.7	352.0
4.0	17.7	1266.6	875.0	21.3	-16.5	171.5	7.1	-1.1	7.0	300.5	310.8	1.3	7.2	2.1	351.0
4.0	20.0	1516.0	850.0	19.3	1.6	177.7	7.4	-0.3	7.3	302.2	320.9	5.1	30.8	2.5	352.0
5.5	27.3	1771.9	825.0	17.6	5.6	187.0	7.7	0.9	7.6	307.4	326.9	7.0	45.2	2.9	353.0
6.5	29.6	2034.2	800.0	15.5	7.1	183.7	7.3	1.2	7.2	307.7	330.2	8.0	57.3	3.4	355.0
7.9	29.9	2302.6	775.0	13.3	7.0	210.6	5.7	2.9	4.9	308.1	331.1	8.1	65.4	3.7	357.0
9.0	24.1	2578.4	750.0	12.7	5.9	239.6	5.1	4.4	2.6	310.4	332.7	7.8	63.3	4.0	1.0
10.2	31.7	2823.3	725.0	11.5	2.2	239.3	5.2	4.3	2.7	312.1	330.2	6.2	53.1	4.1	6.0
11.4	34.2	3156.6	700.0	10.4	-17.6	201.3	5.4	2.9	4.0	314.0	328.6	4.9	43.4	4.4	9.0
12.5	36.7	3458.5	675.0	6.9	-17.6	201.3	5.4	2.0	5.0	315.7	321.2	1.8	16.8	4.7	11.0
13.6	33.2	3769.5	650.0	6.4	-5.0	190.1	5.2	0.9	5.2	318.3	328.5	4.1	44.1	5.1	11.0
14.9	41.4	4070.1	625.0	4.2	-0.2	211.4	6.9	2.5	4.2	317.2	325.4	6.1	73.1	5.5	11.0
16.2	44.4	4422.2	600.0	3.1	-10.3	234.5	7.0	5.7	4.1	319.7	328.9	2.9	36.6	5.8	14.0
17.6	47.4	4765.6	575.0	1.5	-17.2	245.5	10.2	9.3	4.2	321.7	327.4	1.7	23.4	6.4	14.0
18.9	49.9	5122.4	550.0	-0.3	-20.8	252.4	11.5	11.0	3.5	323.6	328.2	1.3	19.7	6.9	24.0
20.2	57.5	5493.2	525.0	-2.0	-49.3	247.6	11.4	10.6	4.4	326.6	326.3	0.1	1.3	7.6	29.0
21.5	55.6	5879.6	500.0	-2.0	-52.3	244.1	11.6	10.6	4.3	328.2	328.7	0.1	1.0	8.1	33.0
23.0	59.6	6283.4	475.0	-5.2	-53.2	249.1	12.8	12.0	4.6	331.6	331.8	0.1	1.0	9.2	37.0
24.6	61.6	6705.5	450.0	-8.4	-49.2	246.2	13.0	11.9	5.3	332.6	333.3	0.2	3.7	10.3	41.0
26.2	64.8	7145.8	425.0	-11.8	-55.1	240.0	12.1	10.5	6.1	333.6	334.0	0.1	1.5	11.4	43.0
27.6	69.0	7606.3	400.0	-15.7	-57.9	241.2	12.2	10.7	5.9	336.6	334.7	0.0	1.0	12.5	46.0
29.4	71.3	8090.8	375.0	-18.8	-41.0	242.4	12.5	11.1	5.8	336.7	337.8	0.3	12.2	13.7	46.0
31.2	74.7	8600.9	350.0	-22.6	-55.6	229.1	11.7	8.7	7.8	338.3	336.7	0.1	5.3	14.9	47.0
33.2	79.3	9143.5	325.0	-26.4	-65.9	220.1	9.3	6.0	7.1	340.1	340.2	0.0	1.0	16.2	47.0
35.3	82.0	9717.6	300.0	-31.4	-44.9	218.1	7.9	4.9	6.2	341.1	342.0	0.2	24.7	17.2	46.0
37.4	86.0	10222.6	275.0	-35.7	-48.1	222.0	6.2	5.5	6.1	343.4	344.1	0.2	26.4	18.3	46.0
39.7	93.2	10978.3	250.0	-41.2	69.9	225.2	10.5	7.5	7.4	344.6	344.6	0.9	95.9	19.4	45.0
42.0	94.5	11486.0	225.0	-46.8	99.9	226.1	12.1	8.7	6.4	348.7	349.9	0.9	99.9	21.1	46.0
44.8	99.2	12475.0	200.0	-53.0	59.9	226.0	13.4	9.4	8.1	347.6	349.6	0.9	99.9	23.0	46.0
47.7	104.2	13104.0	175.0	-55.0	99.9	227.3	11.2	8.3	7.6	352.6	349.9	0.9	99.9	25.2	46.0
53.1	109.8	14251.0	150.0	-63.4	59.9	251.2	8.0	7.6	2.6	354.0	349.9	0.9	99.9	27.1	46.0
54.5	114.8	15344.9	125.0	-71.7	93.9	253.3	3.1	3.0	0.8	361.6	350.8	0.9	99.9	28.8	47.0
56.7	127.5	16533.0	100.0	-73.7	93.9	210.3	2.4	1.2	2.0	369.4	349.9	0.9	99.9	28.2	46.0
64.2	137.7	18319.5	75.0	-87.4	99.9	102.9	6.4	-0.2	1.6	431.7	349.9	0.9	99.9	27.4	46.0
71.6	143.5	20455.8	50.0	-95.6	99.9	90.3	10.5	-10.5	0.1	512.2	349.9	0.9	99.9	25.1	39.0
83.5	151.5	25159.8	25.0	-47.7	99.9	99.9	99.9	99.9	99.9	647.6	349.9	0.9	99.9	19.9	39.0

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

8 JUNE 1970
190 GMT

100 10. 0

TIME MIN	CNTCT	MPHTGT GPM	PRES MB	TFMP DC C	DEW BT DC C	DIR DG	SPEED W/SEC	U COMP W/SEC	V COMP W/SEC	POF T DC K	B POT T DC K	MH RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	5.0	1011.7	25.6	22.9	160.0	3.4	-1.2	3.4	257.8	43.8	17.7	85.0	0.0	0.
0.6	6.3	1082.3	1000.6	26.4	24.4	90.0	9.8	9.8	99.9	299.2	350.7	19.6	80.7	949.9	999.
1.2	8.4	3124.6	975.0	26.7	23.3	90.0	9.5	99.9	99.9	300.6	349.4	18.9	92.0	999.9	999.
2.0	10.6	560.8	950.0	22.9	22.1	99.9	99.9	99.9	99.9	300.4	347.7	18.0	95.3	999.9	999.
2.8	12.8	793.4	925.0	21.5	14.7	99.9	99.9	99.9	99.9	301.2	332.4	11.6	65.7	999.9	999.
3.4	15.0	1031.1	900.0	20.4	13.9	99.9	99.9	99.9	99.9	302.8	333.2	11.2	65.3	999.9	999.
4.4	17.3	1325.0	875.0	20.5	4.2	99.9	99.9	99.9	99.9	302.1	322.4	6.1	35.5	999.9	999.
5.6	19.5	1525.3	850.0	20.49	59.5	99.9	99.9	99.9	99.9	307.9	99.9	99.9	99.9	999.9	999.
6.7	21.8	1781.6	825.0	15.26	59.9	99.9	99.9	99.9	99.9	308.5	99.9	99.9	99.9	999.9	999.
7.7	24.2	2144.5	800.0	6.09	59.9	99.9	99.9	99.9	99.9	310.2	99.9	99.9	99.9	999.9	999.
8.4	26.5	2314.7	775.0	16.68	59.9	99.9	99.9	99.9	99.9	311.7	599.9	59.9	99.9	999.9	999.
10.3	29.9	2592.2	750.0	13.19	52.9	99.9	99.9	99.9	99.9	313.0	599.9	99.9	99.9	999.9	999.
11.2	31.4	2928.2	725.0	13.6	3.5	99.9	99.9	99.9	99.9	314.4	334.2	6.0	50.2	999.9	999.
12.2	33.7	3173.5	700.0	12.6	1.1	99.9	99.9	99.9	99.9	316.4	334.0	5.9	45.3	999.9	999.
13.4	36.3	3477.7	675.0	10.3	0.0	99.9	99.9	99.9	99.9	317.2	334.2	5.7	40.8	999.9	999.
14.5	39.3	3791.1	650.0	6.4	-0.4	219.4	5.6	2.8	4.9	318.2	335.6	5.7	33.9	6.3	339.
15.7	41.3	4114.6	625.0	6.6	-3.7	230.6	5.0	3.8	3.1	320.6	336.3	4.7	27.7	6.6	355.
17.1	44.0	4440.7	600.0	4.4	-5.7	263.3	7.1	7.1	0.8	321.2	336.1	4.2	27.7	6.7	359.
19.4	47.8	4764.5	575.0	2.5	-5.3	272.1	8.4	8.6	-0.3	322.5	336.8	4.5	56.4	6.7	4.
19.9	49.4	5133.0	550.0	0.6	-7.2	277.7	9.5	9.5	-0.5	324.2	337.5	4.1	55.7	6.8	11.
21.1	52.3	5525.5	525.0	-1.5	-11.8	269.1	10.0	10.0	0.1	326.2	338.2	3.0	45.8	6.9	17.
22.4	55.2	5913.3	500.0	-2.8	-16.1	257.2	9.5	9.3	2.1	329.4	338.6	2.2	35.1	7.3	23.
23.9	54.2	6317.7	475.0	-5.6	-13.6	255.4	9.7	9.4	2.4	333.5	340.3	2.8	53.4	7.8	27.
25.5	61.1	6780.6	450.0	-7.8	-20.0	248.5	11.1	10.3	4.1	333.2	339.3	1.7	36.5	8.5	32.
27.2	64.5	7192.0	425.0	-11.4	-22.2	251.3	12.4	11.7	4.0	334.4	339.3	1.5	40.0	9.5	37.
29.9	67.7	7664.5	400.0	-14.2	-30.4	257.9	12.9	12.6	2.7	336.8	339.2	0.7	23.4	10.6	41.
30.7	71.1	8130.3	375.0	-18.5	-34.7	253.6	10.9	12.5	3.2	337.2	339.1	0.9	22.2	11.7	45.
32.5	74.6	8641.1	350.0	-22.4	-37.5	219.6	9.3	9.4	5.5	338.2	340.9	0.7	36.4	12.9	48.
34.5	78.2	9181.0	325.0	-26.5	-39.5	209.4	8.1	4.8	8.0	340.2	342.8	0.5	34.9	13.1	48.
36.6	82.0	9754.5	300.0	-30.4	-45.9	210.8	9.0	4.6	7.6	342.2	343.8	0.4	45.5	13.1	48.
38.9	86.0	10367.1	275.0	-34.9	-45.9	210.8	9.0	4.6	7.7	344.7	345.5	0.2	31.4	13.1	44.
41.3	93.2	11266.0	250.0	-39.9	59.9	213.0	11.9	6.9	9.4	346.2	999.9	99.9	95.9	17.6	43.
43.9	94.7	11736.9	225.0	-45.9	59.9	222.9	12.3	8.7	8.7	348.1	999.9	99.9	99.9	19.5	43.
46.7	92.4	12310.2	200.0	-51.8	59.9	220.4	12.4	8.0	9.5	350.7	999.9	99.9	99.9	21.7	43.
49.8	104.8	13162.7	175.0	-58.6	99.9	223.5	11.6	8.0	8.4	353.1	999.9	99.9	99.9	23.9	43.
52.9	110.3	14118.2	150.0	-66.5	59.8	257.0	9.3	5.2	1.2	359.4	999.9	99.9	99.9	25.5	43.
56.7	115.5	15033.0	125.0	-74.7	59.9	208.3	3.3	1.5	3.6	363.4	999.9	99.9	99.9	26.2	40.
60.9	123.7	16705.8	100.0	-74.0	99.9	268.6	3.2	3.2	6.0	364.7	999.9	99.9	99.9	26.8	43.
66.2	132.0	18166.7	75.0	-70.3	59.9	56.1	6.3	-8.2	8.9	425.2	999.9	99.9	99.9	25.6	41.
74.1	147.5	20470.5	50.0	-56.1	99.9	80.0	11.1	-11.1	-8.4	508.7	999.9	99.9	99.9	23.4	38.
86.9	155.5	25339.3	25.0	-48.6	99.9	83.0	19.9	-13.7	-1.9	649.1	999.9	99.9	99.9	19.0	4.

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

STATION NO. 248
LAF CHARLES, LOUISIANA

8 JUNE 1978
000 GMT

154 21. 0

TIME MIN	CATCY	WEIGHT GPM	WRES WB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT 1 DEG F	E POT V DEG M	HR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	5-2	3-0	1012-7	25-0	21-2	180-6	2-6	0-0	2-6	297-1	343-8	18-1	90-0	0-7	0-
0-4	6-3	116-7	1000-0	25-7	24-0	179-7	4-5	-0-2	6-9	298-5	348-9	19-2	90-2	0-3	36-3
1-2	8-3	340-2	575-0	24-0	22-6	178-1	9-6	-0-3	9-6	299-4	346-7	18-1	91-9	0-6	35-4
2-1	10-5	568-1	925-0	22-5	21-0	175-9	11-0	-0-8	11-0	300-6	344-2	16-8	91-5	1-2	35-0
2-9	12-6	800-7	925-0	21-2	17-0	172-5	12-2	-1-6	12-2	301-0	336-7	13-4	77-1	1-7	33-7
3-9	14-8	1038-1	503-0	20-2	15-9	170-1	12-7	-2-2	12-5	302-3	336-6	12-8	76-6	2-6	32-5
4-7	17-3	1281-6	975-0	20-3	6-5	174-1	10-6	-1-1	10-5	304-9	324-4	7-0	60-6	3-1	35-4
5-4	19-3	1532-7	853-0	20-5	10-5	172-2	9-1	-0-3	9-1	307-2	334-1	9-5	52-8	3-6	35-5
6-5	21-5	1792-4	825-0	15-7	9-4	173-3	7-7	-0-9	7-6	309-2	333-4	8-5	49-2	4-0	35-5
7-5	23-8	2055-0	920-0	18-3	4-1	169-6	6-5	-1-2	6-4	310-7	334-9	8-5	51-3	4-4	35-6
8-5	26-2	2328-9	775-0	17-6	5-4	163-0	6-8	-1-9	6-1	312-7	333-8	7-3	44-6	4-6	35-6
9-4	28-6	2606-4	750-0	15-7	3-6	155-4	5-6	-2-4	5-2	313-7	332-9	6-6	44-1	5-1	35-3
10-5	31-0	2397-2	725-0	17-2	5-0	157-0	4-9	-1-8	4-5	314-6	336-0	7-6	57-4	5-4	35-2
11-6	33-4	3184-1	700-0	11-7	2-8	179-2	5-2	-0-1	5-2	315-4	335-1	6-7	56-3	5-8	35-1
12-6	36-3	3491-4	675-0	9-9	-4-8	193-6	4-9	1-2	4-7	316-7	328-2	4-0	35-2	6-1	35-2
13-7	38-3	4088-6	650-0	8-3	1-0	204-3	3-2	1-5	2-8	318-2	317-5	6-4	60-7	6-1	32-3
14-7	41-1	4128-4	625-0	7-3	-4-5	249-0	2-5	2-4	0-7	320-2	334-3	4-4	42-6	6-4	35-5
15-5	43-5	4663-6	600-0	5-2	-3-9	272-5	3-1	3-0	-0-1	322-2	336-9	4-8	31-7	6-4	35-6
17-0	46-4	4810-2	575-0	2-8	-5-9	298-6	5-0	4-5	-2-1	323-2	336-6	4-3	52-9	6-3	35-9
17-3	47-2	5168-6	550-0	0-1	-6-2	290-3	6-1	5-7	-2-1	324-2	337-8	4-4	62-3	6-1	2-
18-6	51-1	5540-2	525-0	-2-0	-9-1	264-9	6-8	6-8	0-6	326-6	338-5	4-0	62-6	6-1	7-
20-4	55-0	5927-9	570-0	-3-4	-11-6	245-2	8-3	7-5	3-5	328-5	339-1	3-2	53-0	6-3	11-
22-2	59-2	6332-2	475-0	-5-7	-19-7	240-7	5-3	6-1	4-5	331-6	336-6	1-7	31-9	6-6	16-
23-5	61-2	6753-8	450-0	-8-8	-21-5	239-2	6-7	7-4	4-6	332-6	337-4	1-5	34-7	7-3	20-
25-0	64-1	7194-7	425-0	-11-1	-29-9	241-2	8-8	7-7	4-2	334-7	335-7	0-3	7-1	8-6	23-
26-5	67-5	7656-5	400-0	-15-1	-46-3	247-8	9-7	9-0	3-7	335-3	335-9	0-1	4-9	8-6	27-
28-2	71-9	8140-7	375-0	-15-0	-46-0	244-9	9-8	8-9	4-2	336-2	337-2	0-2	7-1	9-4	31-
30-0	74-3	8650-2	350-0	-21-1	-41-1	232-1	9-1	7-2	5-6	337-4	338-8	0-2	14-3	10-3	34-
32-3	74-0	8166-9	325-0	-24-6	-34-1	197-7	9-7	3-0	9-3	340-6	342-4	0-4	48-8	11-3	36-
33-9	81-7	9782-1	300-0	-21-1	-40-6	200-8	11-1	4-0	10-4	341-2	342-9	0-4	38-4	12-5	32-
36-0	85-4	10971-0	275-0	-35-8	-44-6	205-6	10-3	4-5	9-3	343-4	344-2	0-7	31-7	13-8	31-
38-3	90-3	11029-2	250-0	-40-3	-59-9	212-2	12-4	6-6	10-5	346-1	999-9	99-9	99-9	15-3	31-
40-6	94-4	11738-4	225-0	-44-6	-59-9	212-4	12-9	6-9	10-9	347-2	999-9	99-9	99-9	17-2	31-
43-3	99-2	12510-2	200-0	-57-4	-64-6	216-6	13-4	7-4	11-0	349-8	999-9	99-9	99-9	19-3	32-
46-4	104-4	13361-8	175-0	-52-5	-59-9	212-2	12-1	6-5	10-2	353-2	999-9	99-9	99-9	21-7	32-
48-6	110-0	14112-7	150-0	-47-6	-97-9	190-5	5-4	1-0	5-3	355-2	999-9	99-9	99-9	23-4	32-
52-9	114-3	15394-0	125-0	-73-8	-99-9	183-7	4-5	0-3	4-5	361-4	999-9	99-9	99-9	24-8	31-
54-9	123-3	16686-1	100-0	-74-9	-99-9	109-1	5-0	-4-8	1-7	379-2	999-9	99-9	99-9	24-1	25-
62-1	132-0	18361-5	75-0	-69-9	-69-9	101-4	9-4	-9-2	-1-9	426-2	999-9	99-9	99-9	24-3	18-
68-7	142-5	20750-1	50-0	-56-4	-97-9	85-0	12-4	-12-4	-1-1	805-6	999-9	99-9	99-9	22-3	18-
82-9	155-5	25343-5	25-0	-49-3	-69-9	83-0	16-1	-16-8	-2-0	843-1	999-9	99-9	99-9	21-3	34-8

0 0Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CB TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 200
LAKE CHARLES, LOUISIANA

8 JUNE 1970
000 GMT

100 15. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES -MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CLVP M/SEC	POT V DEG M	E POT T DEG M	WF RTO GM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	5-5	5-0	1012-4	24-4	23-4	140-0	2-1	-1-3	1-6	246-2	343-6	18-2	94-0	0-0	0-
0-3	6-8	113-5	1003-0	24-4	23-4	140-2	7-6	-1-6	7-7	297-2	346-3	18-7	95-0	0-2	347-
1-1	9-2	336-5	975-0	23-4	22-8	177-9	8-4	-0-3	8-4	298-7	346-5	18-3	96-4	0-5	351-
2-0	11-5	523-7	950-0	21-4	20-9	183-5	9-3	0-6	9-3	298-5	342-4	16-6	96-8	1-0	356-
2-7	13-8	795-5	925-0	20-3	19-1	182-6	10-1	8-5	10-1	300-4	340-4	15-3	97-9	1-4	359-
3-4	16-2	1037-7	900-0	20-2	13-0	179-8	9-9	-0-0	9-9	302-4	332-6	11-2	97-1	1-9	359-
4-4	19-6	1278-5	875-0	20-9	6-6	173-8	9-7	-1-1	9-7	305-4	325-4	7-1	98-8	2-4	359-
5-3	21-0	1527-4	850-0	20-3	11-1	168-2	8-2	-1-8	8-4	307-4	334-8	9-9	95-5	2-9	357-
6-3	23-5	1784-8	825-0	15-8	3-1	161-5	8-3	-2-6	7-9	309-5	326-5	5-9	33-3	3-4	356-
7-2	26-0	2099-0	800-0	12-8	7-1	155-8	7-5	-3-1	6-9	310-1	332-7	7-9	49-5	1-8	354-
8-7	28-6	2320-1	775-0	16-3	5-4	156-9	6-8	-2-7	6-2	311-1	332-3	7-3	48-5	4-2	352-
9-3	31-2	2558-5	750-0	14-2	5-6	155-7	6-5	-2-7	5-9	312-2	334-1	7-7	54-2	4-7	351-
10-3	33-7	2848-2	725-0	12-3	4-1	155-7	4-6	-1-9	4-2	313-6	333-6	7-1	57-2	5-0	349-
11-4	3-4	3178-1	700-0	10-6	1-8	162-9	3-6	-1-1	3-5	314-8	332-6	6-3	58-6	5-2	349-
12-3	3-1	3480-5	675-0	9-8	-13-2	174-4	3-3	-0-3	3-3	316-4	323-1	2-1	19-3	5-4	349-
13-5	41-9	3752-3	650-0	6-3	-9-0	181-4	3-7	0-1	3-7	318-4	320-3	3-2	30-4	5-7	349-
14-7	44-7	4118-4	625-0	6-8	-1-9	190-7	3-2	0-6	3-1	320-2	334-5	5-4	54-2	5-9	350-
15-8	47-6	4450-4	600-0	4-8	-6-7	221-8	1-8	1-2	1-4	321-6	335-8	4-5	50-5	6-1	351-
17-1	53-5	4798-5	575-0	2-1	-6-7	265-3	3-0	3-0	0-2	322-5	335-1	4-1	52-1	6-1	352-
18-4	53-5	5154-6	550-0	-2-4	-5-9	271-8	4-4	4-6	-0-1	323-7	337-6	4-5	66-3	6-0	355-
19-4	54-6	5525-4	525-0	-2-9	-7-4	266-3	4-7	4-7	0-3	324-6	338-0	4-2	71-3	6-3	358-
21-1	57-7	5910-4	500-0	-5-5	59-8	252-7	5-8	5-5	1-7	324-3	596-9	99-9	99-9	6-1	2-
22-6	63-0	6310-7	475-0	-7-3	49-9	247-1	6-7	6-2	2-6	328-5	598-9	99-9	99-9	6-3	7-
24-1	66-3	6729-7	450-0	-9-5	-24-4	243-5	6-7	6-0	3-0	331-2	335-3	1-2	29-3	6-7	12-
25-7	67-7	7170-0	425-0	-11-2	-51-9	242-8	7-7	6-8	3-5	334-7	335-8	6-1	2-0	7-1	16-
27-1	73-3	7631-6	400-0	-15-0	-51-1	247-5	7-9	7-3	3-0	335-2	335-8	0-1	2-8	7-6	20-
28-9	77-0	8115-7	375-0	-19-0	-45-7	237-0	8-3	6-9	4-5	336-2	337-1	0-2	7-3	8-2	24-
30-4	83-8	8623-9	350-0	-21-0	-44-8	214-3	8-7	4-9	4-2	337-6	334-4	0-5	11-5	9-1	24-
32-7	86-7	9184-1	325-0	-24-5	-37-2	213-6	10-3	5-8	6-7	340-1	341-8	0-5	35-6	10-1	24-
34-6	88-8	9737-6	300-0	-30-8	-45-7	208-2	11-1	4-9	10-0	342-6	342-8	0-2	21-3	11-4	27-
36-8	93-3	10388-0	275-0	-35-6	-51-0	200-4	12-4	4-3	11-6	343-6	344-1	0-1	15-8	12-9	26-
39-1	98-0	11095-2	250-0	-40-0	59-9	210-5	13-6	0-9	11-7	345-2	999-9	99-9	99-9	14-6	26-
41-4	102-0	11719-7	225-0	-44-3	99-9	223-7	13-9	9-6	10-1	347-4	999-9	99-9	99-9	16-7	27-
44-5	104-2	12427-0	208-0	-52-1	59-9	226-1	14-3	10-3	9-9	350-3	994-9	99-9	99-9	15-1	30-
47-5	114-0	13338-9	175-0	-54-8	99-9	234-3	14-3	8-5	8-1	353-6	999-9	99-9	99-9	21-2	32-
50-9	120-5	14291-6	150-0	-60-4	99-9	239-8	7-6	4-9	5-9	355-7	999-9	99-9	99-9	22-9	34-
54-5	133-5	15374-3	125-0	-77-8	99-9	175-2	7-0	-8-1	7-0	361-6	999-9	99-9	99-9	24-2	33-
59-1	133-3	16462-2	100-0	-77-8	99-9	126-7	6-6	-5-3	3-9	377-4	999-9	99-9	99-9	25-4	38-
64-3	144-3	18333-3	75-0	-65-7	99-9	56-7	10-3	-10-3	1-2	426-2	999-9	99-9	99-9	26-7	24-
72-1	144-3	20823-2	50-0	-58-6	99-9	85-6	10-3	-10-3	-0-8	999-9	999-9	99-9	99-9	23-1	14-
84-6	144-0	25281-0	25-0	-50-8	99-9	90-6	13-4	-15-4	0-2	638-5	999-9	99-9	99-9	22-7	350-

0-10 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0-17 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00-37 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 249
LAKE CHARLES, LOUISIANA

0 JUNE 1979
1100 GMT

170 9. 0

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPFEN M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG M	HR WTD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	3.0	5.0	1013.0	22.9	21.4	130.0	1.5	-1.1	1.9	290.0	342.9	10.2	97.0	0.0	0.
0.4	6.7	119.0	1000.0	24.7	24.1	164.3	6.8	-1.9	6.6	197.0	347.9	19.3	96.0	0.2	339.
1.2	9.1	342.0	975.0	23.4	22.6	172.0	6.6	-1.1	8.5	298.7	345.0	18.1	95.7	0.6	346.
2.0	11.5	569.6	950.0	22.0	21.1	179.1	7.6	-0.1	7.6	399.2	343.7	18.4	94.2	1.0	351.
2.9	11.8	801.6	925.0	20.3	19.2	183.6	6.5	0.4	6.9	300.1	340.7	15.4	94.5	1.3	351.
3.8	14.3	1038.0	900.0	18.6	17.2	183.6	6.8	0.4	6.0	300.0	339.0	13.9	93.5	1.7	345.
4.7	14.9	1141.1	873.0	16.4	14.8	180.4	7.1	0.1	7.1	303.1	325.9	8.3	93.6	2.1	357.
5.6	21.3	1530.3	850.0	15.7	5.2	166.9	8.5	-1.9	8.3	306.4	325.7	6.7	93.6	2.3	357.
6.6	23.9	1748.9	825.0	14.3	6.7	152.2	6.9	-2.7	6.4	308.0	329.2	7.5	46.6	2.9	354.
7.6	26.5	2050.4	800.0	12.5	6.8	149.7	7.0	-1.5	6.1	308.2	316.0	9.0	60.3	3.4	351.
8.6	29.1	2320.3	775.0	11.0	7.4	156.4	7.5	-3.0	6.9	309.9	333.8	8.6	60.6	3.6	349.
9.9	31.0	2597.9	750.0	13.9	4.8	157.6	6.6	-2.3	6.2	211.7	232.4	7.3	54.3	4.3	348.
13.9	34.5	2491.1	725.0	12.3	-5.2	159.1	6.2	-2.3	5.8	312.5	323.6	3.0	29.2	4.7	347.
12.0	37.2	3176.3	700.0	10.7	-7.9	149.4	6.3	-2.2	3.7	314.2	323.6	3.0	26.3	5.0	346.
13.0	43.1	3478.4	675.0	5.4	-11.4	145.1	3.5	-2.6	2.9	316.2	323.6	2.4	21.7	5.2	345.
18.2	43.0	3743.7	650.0	6.3	-13.5	153.7	4.1	-1.7	3.7	316.4	325.0	2.1	19.6	5.5	345.
15.4	45.9	4114.3	625.0	7.0	-3.8	154.3	4.8	-2.1	4.3	320.4	334.6	4.6	46.3	5.8	344.
16.4	44.3	4449.1	600.0	5.0	-5.4	157.4	3.3	-1.3	3.1	221.5	339.2	4.3	46.8	6.1	344.
17.9	51.0	4795.4	575.0	2.5	-4.6	183.4	2.1	0.1	2.1	323.6	337.6	4.8	59.5	6.3	344.
19.2	54.8	5193.5	550.0	-0.6	-4.6	198.6	2.4	6.0	2.2	324.4	338.3	5.0	74.5	6.4	343.
23.6	59.0	5523.9	525.0	-3.3	-6.6	223.0	1.9	1.4	1.4	324.4	338.3	4.4	91.7	6.6	347.
23.3	64.6	6308.1	475.0	-6.2	-7.3	258.2	2.2	2.1	0.3	325.5	237.2	3.2	78.5	6.5	349.
24.7	69.0	6725.6	450.0	-10.7	-12.0	251.8	3.7	3.5	1.1	329.6	235.1	1.6	42.1	6.5	351.
26.3	71.6	7165.4	425.0	-11.5	-15.7	237.1	5.3	4.4	2.9	334.2	234.4	0.0	1.2	6.6	355.
29.1	74.2	7626.7	400.0	-13.0	-16.7	233.1	6.1	4.8	3.6	335.6	336.0	0.1	3.7	7.0	352.
31.6	79.0	8110.2	375.0	-15.7	-19.1	219.5	7.2	4.5	5.6	335.6	336.5	0.3	11.8	7.4	3.
33.5	87.0	8619.3	350.0	-22.9	-39.1	199.3	8.6	2.8	6.1	337.9	239.2	0.4	21.8	8.2	5.
35.7	91.3	9129.4	300.0	-21.0	-67.5	203.1	9.2	3.6	8.5	338.2	339.5	0.2	12.7	9.2	7.
37.9	95.8	9729.4	300.0	-31.0	-50.5	209.4	11.4	5.4	10.1	341.7	342.2	0.1	12.7	10.5	9.
43.5	103.6	10300.9	275.0	-35.4	-56.9	216.4	13.4	8.0	10.8	344.0	344.3	0.1	8.0	12.0	12.
43.5	103.6	10307.5	250.0	-40.6	-69.9	222.6	11.2	8.0	8.6	345.7	999.9	99.9	99.9	13.0	18.
43.1	105.6	11706.5	225.0	-44.4	-69.9	235.4	11.2	9.3	6.4	347.3	999.9	99.9	99.9	15.3	20.
48.0	111.3	12480.0	200.0	-51.7	-99.9	236.5	11.2	9.3	6.2	350.5	999.9	99.9	99.9	16.8	24.
49.2	112.7	13332.7	175.0	-56.4	-99.9	215.4	9.1	5.3	7.4	353.2	999.9	99.9	99.9	18.0	28.
52.4	123.7	14286.8	150.0	-65.7	-99.9	206.9	7.4	3.4	6.6	356.0	999.9	99.9	99.9	20.1	27.
58.4	131.0	15172.4	125.0	-73.1	-99.9	184.0	8.4	0.6	4.4	362.4	999.9	99.9	99.9	22.2	28.
62.4	143.0	16069.2	100.0	-74.5	-99.9	175.6	6.8	-4.2	4.3	379.5	999.9	99.9	99.9	23.2	18.
65.5	146.5	16355.0	75.0	-68.8	-99.9	93.7	9.3	-4.3	0.6	428.7	999.9	99.9	99.9	23.2	18.
74.3	144.5	20465.4	50.0	-55.4	-99.9	91.9	13.0	-13.0	0.5	503.4	999.9	99.9	99.9	21.4	5.
86.1	168.0	29284.0	25.0	-50.4	-99.9	91.2	16.0	-16.0	0.3	639.9	999.9	99.9	99.9	23.9	336.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TFM MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS
7 JUNE 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP %/SEC	V COMP M/SEC	POT 1 DEG K	E POT 1 DEG K	MR WIND CM/KG	RM PCT	RANGE KM	AZ DEG
00	4.5	124.0	993.4	24.4	22.5	168.6	3.1	-1.1	2.9	298.1	303.9	17.5	99.0	0.0	0
00.0	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	8.2	268.3	575.0	22.2	22.4	198.6	9.1	2.9	6.6	298.2	303.8	17.8	99.9	0.1	0
1.5	13.5	515.3	550.0	21.3	20.6	200.3	17.5	6.1	16.4	298.2	303.7	16.4	94.0	0.9	17
2.5	12.9	746.9	925.0	19.6	19.0	209.7	18.7	7.2	17.0	299.4	339.5	15.2	94.2	1.9	20
3.4	14.2	943.5	900.0	18.5	17.9	209.4	19.0	9.9	17.2	300.4	339.2	14.5	94.0	3.6	23
4.4	17.6	1175.5	875.0	17.0	16.3	213.0	20.8	11.3	17.5	301.4	337.4	13.5	95.0	4.2	25
5.3	22.0	1473.3	850.0	16.4	14.8	216.1	19.0	10.6	16.5	303.3	337.0	12.5	95.3	5.3	27
6.4	27.4	1778.2	825.0	15.7	11.3	215.8	14.8	8.7	12.0	305.3	333.6	10.3	75.1	6.3	28
7.4	28.9	1949.7	800.0	15.0	9.3	221.4	13.3	8.0	10.0	307.2	332.1	9.3	68.8	7.2	30
8.5	27.5	2104.9	775.0	14.2	7.1	228.3	11.9	8.6	8.2	309.1	332.4	8.2	65.4	7.9	31
9.4	32.0	2315.2	750.0	12.8	4.1	229.9	12.7	9.4	8.5	310.2	330.2	6.9	55.2	8.7	33
10.7	32.7	2419.3	725.0	11.0	-2.6	228.6	10.6	6.2	7.1	311.2	329.6	4.4	38.7	9.5	34
11.7	34.3	2411.3	700.0	9.4	-18.2	221.3	10.0	6.6	7.5	313.5	319.8	1.9	18.4	10.1	35
12.9	34.0	2411.6	675.0	7.3	-14.4	217.8	9.5	5.8	7.5	315.6	319.6	1.9	15.7	10.4	35
14.1	33.5	2411.6	650.0	4.3	-9.6	225.1	18.7	7.5	7.5	315.6	322.6	2.9	35.8	11.5	35
15.4	33.5	2411.6	625.0	1.7	-7.3	232.7	11.0	8.8	6.7	318.4	325.2	3.6	51.1	12.3	36
16.6	33.5	2411.6	600.0	-0.9	-9.5	235.8	12.0	10.8	7.2	318.4	325.2	3.2	53.2	13.1	37
17.8	33.5	2411.6	575.0	-2.8	-6.2	237.7	15.3	12.9	6.2	316.7	329.9	4.0	74.2	14.1	39
19.1	33.2	2411.6	550.0	-4.1	-9.4	240.4	17.6	13.6	7.7	319.2	329.9	3.4	66.4	15.2	40
20.4	33.2	2411.6	525.0	-6.0	-21.2	238.9	17.0	14.3	9.3	321.2	327.4	1.9	41.3	16.4	42
21.4	33.2	2411.6	500.0	-8.0	-16.8	235.3	19.9	16.4	11.3	322.6	329.2	2.1	51.3	17.9	43
22.5	33.2	2411.6	475.0	-9.5	-25.1	237.0	21.0	18.3	11.9	327.4	331.1	1.1	24.8	20.1	44
23.5	33.2	2411.6	450.0	-11.1	-16.1	241.1	27.6	20.7	11.4	329.2	329.4	0.8	1.0	22.1	44
24.7	33.2	2411.6	425.0	-14.0	-16.1	246.4	9.4	23.1	11.1	330.2	338.7	2.4	88.2	24.5	47
26.3	33.2	2411.6	400.0	-15.7	-19.9	247.7	2.2	25.2	10.3	334.5	334.7	0.0	1.0	26.7	49
28.0	33.2	2411.6	375.0	-17.4	-21.1	253.4	1.2	28.2	7.4	338.2	338.4	0.0	1.0	27.5	51
30.0	33.2	2411.6	350.0	-19.0	-24.1	259.6	30.3	29.6	6.8	338.5	338.4	0.0	1.0	32.6	54
31.9	33.2	2411.6	325.0	-22.2	-24.1	259.6	29.2	28.6	6.1	339.1	339.1	0.0	1.0	38.0	56
34.0	33.2	2411.6	300.0	-27.3	-27.4	259.6	29.2	28.6	6.1	339.1	339.1	0.0	1.0	40.0	56
36.0	33.2	2411.6	275.0	-31.1	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
38.0	33.2	2411.6	250.0	-35.4	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
40.0	33.2	2411.6	225.0	-38.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
42.0	33.2	2411.6	200.0	-42.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
44.0	33.2	2411.6	175.0	-46.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
46.0	33.2	2411.6	150.0	-50.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
48.0	33.2	2411.6	125.0	-54.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
50.0	33.2	2411.6	100.0	-58.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
52.0	33.2	2411.6	75.0	-62.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
54.0	33.2	2411.6	50.0	-66.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
56.0	33.2	2411.6	25.0	-70.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
58.0	33.2	2411.6	0.0	-74.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
60.0	33.2	2411.6	0.0	-78.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
62.0	33.2	2411.6	0.0	-82.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
64.0	33.2	2411.6	0.0	-86.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
66.0	33.2	2411.6	0.0	-90.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
68.0	33.2	2411.6	0.0	-94.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
70.0	33.2	2411.6	0.0	-98.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
72.0	33.2	2411.6	0.0	-102.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
74.0	33.2	2411.6	0.0	-106.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
76.0	33.2	2411.6	0.0	-110.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
78.0	33.2	2411.6	0.0	-114.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60
80.0	33.2	2411.6	0.0	-118.9	-27.4	259.6	31.3	30.8	5.2	343.7	343.7	0.0	2.7	43.9	60

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 207
LONGVIEW, TEXAS
7 JUNE 1979
1405 GRZ

TIME MIN	CNTCT	HEIGHT GPM	PRES H3	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT Y DG K	MR RTO GN/KG	RM PCT	RANGE KM	AZ DEG
00.0	0.3	124.7	905.0	26.1	23.8	180.0	5.1	0.7	5.1	1299.7	349.4	19.0	07.0	0.0	0.0
00.9	99.9	99.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.7	8.2	303.3	975.0	24.0	23.3	172.2	11.4	2.4	11.1	299.3	308.6	18.0	08.2	0.3	11.0
1.5	10.5	531.2	950.0	22.0	22.2	150.8	13.4	3.9	12.8	299.9	308.6	18.0	08.5	0.9	13.0
2.4	17.8	763.9	925.0	21.0	20.7	209.7	17.3	6.8	14.8	300.2	303.6	16.9	08.4	1.7	17.0
3.5	15.2	1001.7	905.0	19.0	19.0	209.7	17.6	8.3	15.4	301.2	303.6	15.6	07.8	2.7	21.0
4.4	17.6	1245.2	875.0	18.0	17.6	213.9	19.0	10.6	15.8	303.6	303.6	14.7	07.3	3.8	23.0
5.3	20.1	1495.0	850.0	18.0	15.1	223.8	16.2	11.0	11.9	305.4	340.4	12.9	07.5	4.8	27.0
6.3	22.6	1751.3	825.0	17.0	13.7	224.4	15.5	11.2	10.7	306.4	339.4	12.1	07.1	5.7	30.0
7.3	25.1	2014.4	800.0	16.7	9.8	224.4	14.1	10.1	9.9	309.0	339.4	9.6	07.0	6.5	32.0
8.3	27.6	2285.1	775.0	16.0	7.5	233.6	12.0	9.5	7.3	311.1	339.4	8.5	06.9	7.3	33.0
9.4	30.2	2563.1	750.0	14.0	5.9	237.8	11.8	10.0	6.3	311.4	339.4	7.6	06.8	8.0	36.0
10.4	32.9	2848.4	725.0	11.0	3.8	238.3	10.9	9.3	5.8	312.4	339.4	7.0	06.8	8.7	36.0
11.7	35.6	3141.3	700.0	9.0	1.9	238.3	11.7	9.6	6.7	313.2	339.4	6.3	06.5	9.5	39.0
13.0	38.3	3442.6	675.0	7.0	-0.6	229.1	11.4	8.6	7.5	313.5	330.0	5.5	06.1	10.3	40.0
14.2	41.1	3752.4	650.0	5.3	-3.2	223.6	12.7	8.2	9.2	315.0	329.3	4.4	05.9	11.2	41.0
15.4	43.9	4071.8	625.0	2.7	-5.0	223.6	13.4	9.3	9.7	315.2	329.3	4.2	05.7	12.1	41.0
16.6	46.8	4401.6	600.0	0.6	-3.7	223.6	14.3	9.9	10.3	316.2	331.4	4.9	05.7	13.1	41.0
17.8	49.8	4742.1	575.0	-2.0	-6.1	232.8	13.4	9.6	9.3	317.7	330.5	4.2	05.2	14.1	41.0
19.1	52.8	5094.3	550.0	-4.4	-8.7	232.1	14.6	11.8	9.0	318.5	330.0	3.6	05.0	15.2	42.0
20.4	55.8	5461.2	525.0	-6.0	-11.4	243.0	17.5	15.9	7.4	323.6	325.2	3.5	04.9	16.4	43.0
22.0	59.0	5844.1	500.0	-8.0	-13.0	239.0	19.1	16.3	9.0	324.4	325.6	1.5	04.8	17.0	45.0
23.6	62.3	6243.8	475.0	-8.2	-12.5	233.9	18.2	14.7	10.7	327.6	331.6	1.6	04.8	19.0	46.0
25.2	65.6	6682.1	450.0	-10.4	-14.6	240.6	21.5	18.7	10.6	330.2	331.5	0.4	04.8	21.4	47.0
26.7	69.0	7099.9	425.0	-12.0	-17.5	241.1	21.2	18.6	10.3	333.2	330.8	0.0	04.8	23.6	48.0
28.3	72.4	7562.4	400.0	-12.2	-18.3	249.7	23.2	21.6	8.4	337.2	330.0	0.0	04.8	25.5	49.0
30.0	76.1	8050.3	375.0	-17.1	-20.8	259.2	26.8	25.8	7.3	339.0	339.1	0.0	04.8	27.9	51.0
31.8	83.0	8563.6	350.0	-21.4	-23.6	259.9	24.2	24.4	4.3	339.5	339.5	0.0	04.8	30.5	54.0
33.9	91.0	9104.8	325.0	-26.3	-26.7	259.8	27.2	26.7	5.3	340.2	340.5	0.0	04.8	33.5	56.0
36.2	94.0	9679.2	300.0	-29.6	-29.6	250.2	27.5	27.1	4.7	343.7	343.8	0.0	04.8	37.0	59.0
38.4	92.1	10253.6	275.0	-34.9	-32.4	250.4	30.9	30.4	5.7	344.4	343.7	0.0	04.8	40.7	61.0
40.6	97.0	10750.6	250.0	-40.3	-37.9	251.2	27.6	27.3	8.5	346.1	343.8	89.9	05.0	44.4	62.0
42.9	101.8	11259.5	225.0	-46.5	-42.5	244.0	25.0	22.3	11.0	347.3	343.8	55.9	05.0	47.7	62.0
45.6	107.0	11832.7	200.0	-51.0	-47.9	247.7	31.5	29.2	12.0	350.2	343.8	99.9	05.0	52.7	63.0
49.4	112.6	12485.1	175.0	-59.0	-56.9	254.3	25.1	24.2	6.8	352.2	343.8	99.9	05.0	57.1	63.0
51.4	114.6	13285.2	150.0	-63.7	-61.9	260.7	23.9	23.4	2.2	356.5	343.8	99.9	05.0	61.9	64.0
54.8	125.8	15324.6	125.0	-72.1	-69.9	258.0	20.0	19.7	4.1	364.4	343.8	99.9	05.0	65.8	66.0
59.0	133.3	16628.2	100.0	-74.4	-74.9	264.6	9.9	9.8	0.9	384.4	343.8	99.9	05.0	69.4	66.0
64.2	142.3	18333.4	75.0	-66.7	-66.7	264.6	7.3	-3.1	0.6	433.2	343.8	99.9	05.0	70.7	65.0
71.4	152.7	20931.5	50.0	-56.8	-66.7	264.6	10.3	-10.0	2.3	502.2	343.8	99.9	05.0	87.7	66.0
83.2	164.0	25306.4	25.0	-47.6	-66.7	264.6	99.9	99.6	99.9	647.2	343.8	99.9	05.0	99.9	99.9

0 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9Y TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 0Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS
7 JUNE 1979
1705 GMT

153 44. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MP RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.9	124.0	995.4	29.4	23.3	190.0	6.2	1.1	6.1	303.8	352.1	18.5	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	5.8	308.7	975.0	26.9	22.7	192.4	13.4	2.9	13.1	302.3	350.4	18.2	76.0	0.3	9.
2.0	11.2	538.5	950.0	24.9	21.3	190.0	9.7	3.1	9.1	302.4	351.5	18.5	87.1	1.1	13.
3.1	11.5	713.1	925.0	22.7	21.3	202.7	13.5	9.2	12.4	302.4	349.3	17.6	91.7	1.0	16.
4.2	10.0	1012.1	900.0	21.1	19.9	205.1	16.8	7.9	14.8	303.1	347.5	16.6	93.3	2.9	19.
5.2	13.4	1256.0	875.0	20.0	18.5	213.0	16.9	9.2	14.2	304.4	346.4	15.6	91.2	3.9	22.
6.2	23.9	1507.1	850.0	18.3	16.3	214.8	16.8	9.6	13.8	305.2	343.1	13.9	86.3	4.8	27.
7.2	23.4	1763.4	825.0	16.3	15.4	218.2	16.7	10.3	13.1	305.8	342.6	13.5	94.3	5.9	27.
8.4	28.0	2025.4	800.0	14.1	11.9	223.7	13.7	9.8	9.6	308.4	339.0	11.0	75.9	7.0	30.
9.3	29.6	2296.3	775.0	12.2	7.4	230.0	9.7	7.4	6.2	311.2	335.2	8.4	56.0	7.6	31.
10.4	31.2	2574.3	750.0	13.6	6.4	230.7	9.9	8.3	5.5	311.2	330.8	8.1	60.7	8.1	32.
11.5	33.8	2959.4	725.0	11.4	5.9	242.1	11.7	10.4	5.5	312.0	335.2	8.1	65.1	8.7	35.
12.7	36.6	3152.7	700.0	10.7	1.4	218.9	12.8	10.9	6.6	314.4	332.2	6.1	52.5	9.5	37.
14.0	39.3	3455.3	675.0	8.4	-0.6	231.8	14.9	11.7	9.2	315.1	331.2	5.4	52.9	10.5	39.
15.3	41.1	3765.9	650.0	6.3	-2.3	234.5	14.9	12.2	8.7	316.1	331.3	5.1	55.1	11.7	40.
16.4	41.0	4066.0	625.0	3.0	-2.3	236.0	15.1	12.5	8.4	315.5	331.4	5.2	68.2	13.0	42.
18.2	41.0	4315.3	600.0	0.1	-1.1	212.1	15.2	12.5	9.7	318.0	331.2	5.1	80.2	13.3	43.
19.7	51.0	4756.1	575.0	0.0	-1.5	210.6	15.3	11.0	9.7	320.0	331.7	3.8	56.8	15.7	43.
21.3	54.0	5111.6	550.0	-1.4	-1.9	219.4	15.7	13.5	8.0	322.4	327.9	1.7	27.0	16.8	46.
22.4	57.1	5480.6	525.0	-3.7	-2.3	244.3	16.0	15.1	7.3	323.5	324.2	0.1	1.0	16.2	46.
23.9	60.4	5963.6	500.0	-6.3	-3.9	250.2	18.3	17.2	6.2	325.2	325.5	0.0	1.0	19.9	47.
25.4	63.6	6263.2	475.0	-9.3	-5.2	249.7	21.5	20.2	7.8	327.7	327.9	0.0	1.0	21.2	49.
27.4	67.0	6680.8	450.0	-10.7	-5.7	233.5	20.9	24.1	12.0	329.7	329.8	0.0	1.0	24.2	51.
29.4	70.4	7120.4	425.0	-10.3	-5.4	219.7	21.8	18.7	11.1	335.7	335.9	0.0	1.0	27.0	52.
31.2	74.0	7584.6	400.0	-12.9	-8.1	246.6	23.4	21.4	9.3	338.2	338.4	0.0	1.0	29.5	53.
33.1	77.9	8072.9	375.0	-17.1	-6.8	244.7	22.4	21.8	5.9	338.5	339.8	0.0	1.0	31.9	55.
35.2	81.7	8586.4	350.0	-21.2	-6.3	258.2	22.4	21.9	4.6	340.3	340.8	0.0	1.0	34.3	56.
37.5	85.7	9127.9	325.0	-25.6	-6.3	256.2	27.1	24.6	6.5	341.2	341.6	0.0	1.0	37.8	58.
40.0	90.0	9704.2	300.0	-29.6	-6.8	258.4	24.2	23.8	5.7	343.9	344.0	0.0	1.0	41.6	60.
42.5	94.4	10318.2	275.0	-35.2	-7.9	256.4	25.6	24.9	6.0	344.2	344.3	0.0	1.1	44.6	61.
45.2	99.2	10975.0	250.0	-40.8	99.9	246.2	26.4	24.2	10.7	345.2	345.3	99.9	999.9	48.3	62.
48.1	104.2	11682.8	225.0	-46.8	99.9	245.9	23.9	21.8	9.8	346.8	346.9	99.9	999.9	53.0	62.
51.1	109.5	12450.0	200.0	-51.4	99.9	231.0	29.0	27.4	7.5	351.4	349.9	99.9	999.9	58.2	63.
54.5	115.3	13300.9	175.0	-56.1	99.9	231.6	29.0	23.6	7.9	354.0	349.9	99.9	999.9	63.5	64.
58.2	121.8	14263.2	150.0	-65.3	99.9	233.5	22.6	21.7	6.4	357.6	349.9	99.9	999.9	68.9	64.
62.1	128.8	15355.7	125.0	-72.7	99.9	231.0	14.6	12.8	7.1	363.4	349.9	99.9	999.9	72.8	65.
66.7	136.7	16657.8	100.0	-74.1	99.9	232.0	11.2	11.1	1.6	384.7	349.9	99.9	999.9	75.3	65.
71.3	145.5	18365.3	75.0	-67.2	99.9	232.9	8.3	7.4	3.8	412.8	349.9	99.9	999.9	77.6	64.
80.1	155.5	20863.0	50.0	-52.7	99.9	138.7	14.4	-9.5	10.0	505.3	349.9	99.9	999.9	74.3	62.
99.0	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

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

STATION NO. 247
LONGVIEW, TEXAS
7 JUNE 1979
2005 GMT

160 20. 0

TIME MIN	CNTCT	WEIGHT GPN	PRES IN	TEMP DEG C	DFW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE NM	AZ DEG
00	6.5	124.0	994.5	31.1	24.5	210.0	5.1	2.5	4.4	304.7	357.9	19.9	66.0	0.0	0.
01	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
02	6.4	301.9	975.0	24.0	23.5	165.6	12.0	-3.0	11.7	304.2	355.1	19.1	73.1	0.3	3.
03	10.5	531.1	953.0	26.4	22.4	174.3	11.0	-1.1	10.9	303.0	352.7	19.3	78.7	0.7	353.
04	13.7	765.7	925.0	24.0	21.7	185.3	8.9	0.8	8.9	303.4	351.9	18.0	87.3	1.2	354.
05	15.7	1034.9	503.0	22.4	20.7	158.6	7.5	2.4	7.1	304.4	351.3	17.4	90.2	1.6	360.
06	19.2	1254.5	675.0	20.6	19.6	205.4	6.4	3.6	7.6	303.2	350.1	16.4	93.5	2.0	5.
07	23.7	1500.4	850.0	18.7	18.0	212.4	9.9	5.3	8.3	303.6	347.8	15.5	97.4	2.3	8.
08	28.3	1763.7	825.0	17.8	16.5	215.6	11.9	6.9	9.7	307.4	347.2	14.6	92.4	2.8	14.
09	25.9	2251.6	670.0	15.8	15.2	211.3	11.5	6.0	9.9	305.0	345.8	13.7	56.1	3.6	17.
10	24.6	2795.0	775.0	12.8	14.9	214.9	12.5	7.2	10.3	307.4	338.7	9.9	67.2	4.2	23.
11	31.2	2571.1	750.0	12.1	9.9	219.1	10.5	6.6	8.1	309.7	338.7	10.3	67.3	5.0	23.
12	33.9	2955.1	725.0	11.3	5.4	228.3	5.4	7.0	6.3	311.9	334.3	7.9	66.9	5.5	25.
13	36.7	3148.2	700.0	10.4	0.4	235.7	10.4	8.6	5.9	314.6	330.7	5.7	50.2	6.1	27.
14	34.4	3453.5	675.0	8.3	-1.7	240.3	11.4	9.9	5.6	314.6	329.8	5.0	49.3	6.6	30.
15	42.3	3763.9	650.0	6.2	-3.7	241.8	13.3	11.7	6.3	316.0	329.5	4.5	47.1	7.3	36.
16	45.2	4091.3	625.0	4.0	-6.1	241.0	14.6	12.8	7.1	317.0	327.3	3.3	41.1	8.1	36.
17	44.1	4412.3	600.0	2.2	-8.6	244.5	14.7	13.5	5.9	314.4	326.2	3.1	41.6	9.2	34.
18	51.3	4755.1	575.0	0.5	-10.7	242.6	15.4	14.9	4.6	320.4	320.6	0.1	1.0	10.0	43.
19	54.3	5116.3	550.0	-1.1	-10.7	231.9	14.5	15.7	5.1	322.4	323.0	0.1	1.0	11.3	46.
20	57.4	5479.2	525.0	-4.1	-12.5	232.2	16.9	16.1	5.1	323.8	323.7	0.1	1.0	12.6	49.
21	60.0	5760.6	500.0	-6.7	-14.2	235.4	17.0	16.4	4.3	324.5	325.0	0.0	1.0	13.9	51.
22	64.0	6030.6	475.0	-9.3	-16.2	230.6	20.2	19.1	4.6	327.7	327.9	0.0	1.0	15.0	53.
23	67.4	6278.8	450.0	-11.9	-18.2	231.5	23.8	21.3	10.6	330.6	331.0	0.0	1.0	17.3	56.
24	70.9	7120.6	425.0	-15.7	-20.1	241.6	23.0	20.2	10.9	330.4	336.6	0.0	1.0	19.4	56.
25	74.5	7595.0	400.0	-18.6	-21.6	241.6	24.4	19.5	9.7	337.3	337.4	0.0	1.0	21.3	56.
26	78.3	8071.4	375.0	-17.5	-21.0	247.9	21.2	19.6	7.9	338.2	339.4	0.0	1.0	23.3	57.
27	82.2	8544.5	350.0	-21.6	-23.7	253.5	20.5	19.6	5.8	339.7	339.8	0.0	1.0	25.4	58.
28	86.2	9125.2	325.0	-24.6	-27.0	252.0	20.0	19.0	6.2	340.0	340.0	0.0	1.0	27.8	60.
29	90.4	9694.3	300.0	-25.7	-29.0	247.3	20.9	19.3	4.1	343.2	343.6	0.0	1.0	30.5	61.
30	94.4	10312.4	275.0	-34.3	-32.7	243.9	22.4	20.1	9.9	344.1	344.1	0.0	1.0	33.4	61.
31	98.6	10944.7	250.0	-40.5	-37.9	245.0	25.6	22.2	10.8	345.6	345.6	0.0	1.0	36.4	61.
32	103.0	11575.4	225.0	-45.8	-43.8	249.3	23.7	22.0	6.7	348.3	348.3	0.0	1.0	39.9	62.
33	107.8	12254.2	200.0	-51.5	-50.9	247.3	23.3	21.4	9.0	351.3	349.9	0.0	1.0	43.7	62.
34	112.6	13109.3	175.0	-58.0	-59.9	242.6	20.8	19.8	6.2	354.3	349.8	0.0	1.0	47.8	63.
35	122.0	14263.1	150.0	-65.1	-69.9	244.0	15.8	15.2	4.4	358.0	349.5	0.0	1.0	51.1	63.
36	131.3	15352.0	125.0	-72.8	-76.9	244.2	14.0	12.6	6.1	363.1	349.5	0.0	1.0	53.8	64.
37	140.7	16455.3	100.0	-75.2	-82.9	249.3	10.6	9.9	3.8	365.4	349.9	0.0	1.0	57.2	64.
38	149.0	17533.1	75.0	-82.4	-90.9	260.6	8.6	8.5	1.4	420.2	349.9	0.0	1.0	59.3	64.
39	157.5	18514.9	50.0	-87.7	-99.9	106.3	8.3	-8.2	2.4	507.4	349.9	0.0	1.0	59.4	61.
40	167.3	23354.2	25.0	-98.0	-99.9	599.9	99.9	99.9	99.9	847.1	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 207
LONGVIEW, TEXAS
7 JUNE 1979
2305 GMT

168 9. 0

TIME MIN	CHTCT	WEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T CG M	MR BFO CM/SEC	RM PCT	RANGE KM	AZ DC
0.0	7.1	124.0	904.5	31.1	23.2	180.0	5.1	0.9	5.0	304.7	300.2	20.8	71.0	0.0	0.
00.0	90.0	99.9	1009.0	95.9	99.9	99.9	99.9	99.9	99.9	59.5	599.9	59.9	999.9	99.9	0.
0.4	9.0	301.6	575.0	28.6	24.0	182.6	11.2	6.5	11.2	303.5	356.4	19.7	76.4	0.4	15.
1.7	11.3	533.0	550.0	26.3	23.0	179.2	11.6	-0.2	11.6	303.5	356.7	15.0	62.2	1.1	1.
2.7	13.6	768.6	925.0	24.1	22.6	192.9	12.1	2.7	11.8	303.5	356.6	19.0	51.3	1.0	4.
3.7	14.1	1009.0	530.0	21.9	20.7	186.9	13.4	3.9	12.8	304.5	350.4	17.6	43.2	2.6	7.
4.7	14.5	1254.6	875.0	20.9	19.7	206.0	12.3	5.4	11.0	305.5	353.8	16.8	97.8	3.4	10.
5.7	20.9	1505.9	850.0	19.5	17.7	219.7	12.4	7.9	9.5	306.2	347.9	15.2	85.1	4.0	14.
6.6	23.4	1763.2	825.0	17.7	16.1	223.3	11.8	8.1	8.6	307.2	345.9	14.1	50.6	4.6	18.
7.5	25.9	2336.7	803.0	16.6	14.3	222.2	10.0	6.7	7.4	308.6	348.5	12.9	86.3	5.2	21.
8.4	28.5	2997.3	775.0	14.7	12.0	222.5	8.2	5.5	6.0	305.6	341.6	11.5	63.5	5.7	23.
9.5	31.1	2774.5	753.0	12.9	7.7	225.2	7.2	5.1	5.0	310.6	339.2	10.2	81.1	6.2	25.
11.1	33.4	2955.3	725.0	11.1	7.0	231.6	6.5	5.1	4.1	311.7	336.5	8.7	75.6	6.7	27.
12.3	36.4	3152.8	703.0	10.7	3.7	238.0	6.2	6.8	4.6	316.2	335.2	7.2	61.8	7.1	29.
13.5	39.2	3455.1	675.0	8.4	1.6	239.6	10.4	9.8	5.3	315.1	333.9	6.4	62.2	7.7	31.
14.7	42.0	3769.5	650.0	6.7	-2.7	240.8	11.5	10.1	5.0	316.2	331.0	4.8	50.9	8.4	34.
15.9	44.9	4087.6	625.0	4.8	-6.1	239.6	13.0	11.2	6.6	317.5	329.9	3.9	45.3	9.2	36.
16.9	47.5	4420.1	600.0	3.9	-22.4	241.9	13.5	11.9	6.4	320.7	324.2	1.1	12.5	10.0	38.
18.1	50.4	4764.5	575.0	2.2	-29.8	244.3	14.7	13.2	6.4	322.5	324.5	0.6	7.3	10.6	40.
19.4	53.8	5122.0	550.0	0.6	-31.6	245.5	17.7	15.1	7.4	324.6	326.5	0.3	6.7	12.0	43.
20.6	56.9	5453.4	525.0	-2.1	-33.2	248.3	16.3	17.0	6.7	325.5	327.4	0.4	7.1	13.3	45.
21.9	60.2	5779.1	503.0	-4.4	-34.6	248.1	18.5	17.2	6.9	327.4	329.1	0.4	7.3	14.5	47.
23.1	63.4	6280.8	475.0	-7.0	-36.5	249.5	19.7	18.5	6.9	328.6	329.9	0.3	7.7	15.9	49.
24.7	66.7	6598.5	450.0	-10.4	-38.4	248.6	21.3	19.2	9.1	330.2	331.7	0.4	10.7	17.6	51.
26.4	70.1	7138.1	425.0	-11.3	-39.4	241.5	20.6	18.3	9.9	334.5	335.6	0.3	7.7	19.8	52.
27.9	73.9	7400.9	400.0	-14.2	-44.4	244.3	19.7	17.7	8.5	336.4	337.3	0.2	5.6	21.6	53.
29.6	77.5	8347.5	375.0	-17.8	-48.4	245.6	19.5	17.8	8.1	338.1	338.7	0.2	6.1	23.6	54.
31.4	81.3	8588.9	350.0	-22.2	-49.1	248.2	17.4	14.1	6.5	338.6	339.3	0.1	6.4	25.6	55.
33.6	85.3	9138.7	325.0	-26.8	-48.2	245.3	18.2	16.6	7.4	339.7	340.2	0.1	9.9	27.7	56.
35.8	89.5	9712.3	300.0	-30.0	-48.5	230.5	19.0	14.3	9.6	343.1	343.7	0.1	12.8	30.3	57.
38.0	94.0	10325.0	275.0	-35.3	-50.4	244.7	21.2	19.2	9.1	344.1	344.7	0.1	14.4	32.9	57.
40.3	98.7	10982.0	250.0	-40.5	-50.9	245.6	19.8	18.2	8.2	345.5	349.9	0.1	95.9	35.9	58.
42.9	103.6	11590.7	225.0	-46.2	-50.9	243.9	16.3	14.9	6.6	347.7	349.9	0.1	95.9	38.5	58.
46.0	109.0	12463.3	200.0	-51.4	-50.9	243.9	20.9	18.8	9.2	351.4	349.9	0.1	95.9	41.4	59.
49.1	114.8	13337.1	175.0	-56.5	-50.9	245.1	16.7	14.1	4.3	353.4	349.9	0.1	95.9	45.6	59.
52.4	121.0	14269.7	150.0	-61.3	-50.9	251.6	13.8	13.5	3.8	357.7	349.9	0.1	95.9	48.6	61.
56.7	129.0	15354.5	125.0	-74.0	-50.9	258.8	12.7	12.3	3.4	361.6	349.9	0.1	95.9	51.6	62.
61.0	136.0	16564.0	103.0	-73.3	-50.9	293.8	8.9	8.1	-3.6	386.5	349.9	0.1	95.9	54.6	62.
66.5	145.3	19159.4	75.0	-68.4	-50.9	122.0	6.3	-5.3	3.3	429.5	349.9	0.1	95.9	54.1	62.
74.4	156.6	20681.5	50.0	-58.3	-50.9	92.3	15.9	-19.3	0.8	906.5	349.9	0.1	95.9	52.8	62.
86.1	167.5	25337.3	25.0	-45.4	-50.9	88.2	13.7	-13.6	-0.9	642.5	349.9	0.1	95.9	45.5	63.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS
8 JUNE 1979
205 GMT

TIME MIN	CHTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CLMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG M	MIX ATO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	124.0	995.5	27.2	23.4	180.0	3.1	-1.1	2.9	300.7	349.7	18.6	80.0	0.0	0.0
0.9	9.9	100.0	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	9.1	302.9	975.0	26.7	27.5	173.8	12.3	-1.3	12.3	302.6	359.4	17.9	77.8	0.4	340.
1.6	11.5	439.0	950.0	25.2	21.9	178.1	13.3	-0.5	13.3	302.6	350.0	17.7	81.8	1.1	352.
2.5	11.9	773.6	925.0	23.0	22.9	185.6	14.4	1.5	14.7	302.6	248.3	17.1	82.0	1.4	354.
3.4	16.2	1012.8	910.0	21.5	15.4	197.4	14.3	4.3	13.7	303.7	344.0	15.0	82.3	2.7	0.
4.4	19.7	1257.6	875.0	20.4	10.5	210.2	13.2	6.6	11.4	305.0	342.0	13.6	78.3	3.4	6.
5.3	21.1	1509.5	850.0	19.6	14.8	209.3	11.9	5.8	10.4	306.7	241.3	12.6	74.0	4.1	11.
6.1	23.6	1765.6	825.0	17.9	14.5	208.3	5.7	4.6	8.5	307.5	242.8	12.8	60.8	4.7	13.
7.4	24.1	2125.2	800.0	16.9	10.2	208.8	7.4	3.6	6.6	309.1	240.4	11.2	73.6	5.2	15.
8.5	24.7	2447.8	775.0	15.4	10.2	208.8	7.2	2.8	6.6	310.4	339.0	10.1	70.9	5.7	15.
9.4	31.3	2577.6	750.0	13.5	9.0	208.6	5.7	2.7	5.0	311.2	338.9	9.0	69.2	6.1	16.
10.5	34.0	2862.7	725.0	11.9	9.0	215.6	6.8	3.9	5.5	312.2	338.4	7.6	62.7	6.4	17.
11.5	36.7	3156.7	700.0	10.3	7.3	226.3	8.5	6.2	5.9	313.5	338.9	6.5	57.4	6.8	18.
12.5	31.4	3454.2	675.0	8.2	-1.1	233.2	9.4	7.8	5.9	314.6	330.5	5.3	52.0	7.3	21.
13.5	42.2	3749.0	650.0	6.4	-8.8	231.9	11.3	8.9	7.0	316.2	327.0	4.5	38.0	6.0	24.
14.9	43.0	4049.5	625.0	4.8	-10.5	231.2	11.8	9.2	7.4	317.7	324.2	2.7	32.3	6.7	26.
16.2	47.9	4421.0	600.0	3.5	-27.6	230.2	12.5	10.8	6.2	320.2	322.5	0.7	8.2	9.5	29.
17.4	53.9	4745.8	575.0	2.9	-28.8	227.7	12.9	12.3	3.8	323.4	323.5	0.6	7.4	10.3	32.
19.4	54.0	5123.5	550.0	0.8	-24.8	224.4	13.6	13.3	3.7	325.0	326.3	0.4	4.9	11.1	36.
20.0	57.0	5495.3	525.0	-1.6	-36.0	227.9	14.0	13.7	2.9	326.5	327.7	0.3	5.2	12.0	39.
21.5	63.3	5841.2	500.0	-5.0	-37.7	221.5	14.3	14.1	2.1	328.5	328.0	0.3	5.6	12.9	43.
23.1	63.6	6292.1	475.0	-7.3	-34.9	228.4	17.4	17.1	3.5	328.5	329.9	0.3	5.9	14.1	47.
24.7	64.9	6702.3	450.0	-8.9	-32.8	226.9	19.0	17.5	7.5	332.1	333.1	0.3	6.0	15.8	50.
26.4	73.4	7142.8	425.0	-11.6	-33.4	220.9	16.5	16.1	9.0	334.1	335.2	0.3	8.0	17.5	51.
27.9	74.0	7604.3	400.0	-15.1	-29.1	237.1	17.5	16.7	9.5	335.4	339.3	1.1	38.3	19.2	52.
29.7	77.7	8084.4	375.0	-18.5	-35.4	237.2	15.1	12.7	8.2	337.2	339.2	0.6	24.1	20.9	52.
31.5	81.5	8600.1	350.0	-22.4	-47.3	229.6	13.8	10.5	9.0	338.5	339.1	0.1	8.2	22.4	52.
33.5	84.5	9119.2	325.0	-27.1	-46.2	229.1	14.7	11.1	9.6	339.2	341.2	0.5	41.9	24.2	52.
35.0	84.7	9710.8	300.0	-31.3	-33.1	227.2	14.0	10.3	9.5	343.7	343.0	0.5	50.8	26.1	52.
36.3	94.0	10321.7	275.0	-36.6	-45.0	235.2	13.8	11.3	7.9	343.7	344.6	0.2	37.2	28.1	51.
40.8	98.6	11078.4	250.0	-40.8	99.9	241.6	13.6	12.0	6.5	345.4	999.9	99.9	999.9	30.2	52.
43.4	103.4	11868.9	225.0	-46.4	99.9	235.8	16.7	13.8	9.4	347.2	999.9	99.9	999.9	32.5	51.
46.3	104.8	12452.3	200.0	-52.0	99.9	231.7	19.4	15.2	12.0	348.9	999.9	99.9	999.9	35.6	53.
49.3	114.5	13106.8	175.0	-57.7	99.9	231.1	15.9	13.3	8.8	353.0	999.9	99.9	999.9	39.0	53.
52.8	123.4	14257.9	150.0	-65.9	99.9	238.1	11.5	6.7	6.1	356.6	999.9	99.9	999.9	41.0	53.
56.4	127.8	15142.7	125.0	-73.1	99.9	222.7	9.1	8.6	2.7	362.7	999.9	99.9	999.9	44.1	53.
60.6	114.7	16447.1	100.0	-75.0	99.9	214.8	3.2	1.9	2.7	362.5	999.9	99.9	999.9	45.1	54.
66.1	144.7	18325.8	75.0	-76.5	99.9	130.8	5.9	-8.5	3.0	425.1	999.9	99.9	999.9	45.5	54.
73.8	154.0	20302.9	50.0	-60.5	99.9	99.4	10.4	-10.4	-8.1	501.0	999.9	99.9	999.9	47.1	47.
86.4	163.7	25262.9	25.0	-53.2	50.9	75.8	17.8	-15.4	-3.9	632.0	999.9	99.9	999.9	36.3	41.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME MAY BE WFM INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

6 JUNE 1979
505 GMT

165 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES IN	TEMP DC C	DPW PT DC C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DC F	E POT T DC K	MR STD Gd/KG	RM PCT	RANGE KM	AZ DG
0-2	7-1	124-0	997-3	25-0	22-7	167-0	5-1	-1-7	4-8	298-4	344-6	17-7	87-0	0-0	0-
00-9	90-9	99-9	1030-0	25-0	22-7	167-0	5-1	99-9	99-9	59-5	999-9	99-9	999-9	999-9	999-9
0-7	0-2	123-2	975-0	23-0	21-7	175-3	12-2	-0-2	12-2	299-1	343-8	17-1	86-2	0-4	35-0
1-6	11-5	550-9	925-0	27-3	20-6	183-3	16-4	1-2	16-4	299-8	342-9	16-4	90-3	1-3	0-
2-6	13-9	753-5	925-0	27-7	19-2	191-2	16-0	3-1	15-7	301-2	339-9	16-4	80-7	2-2	3-
3-5	16-4	1027-4	925-0	27-7	13-9	203-4	15-3	5-4	14-3	305-0	335-6	11-2	57-5	3-1	7-
4-5	19-4	1267-7	875-0	21-5	14-6	209-9	14-5	6-5	13-4	306-1	339-3	12-1	64-9	4-0	11-
5-5	21-3	1418-4	850-0	19-8	13-0	213-0	13-2	7-2	11-0	306-5	337-0	11-2	65-2	4-8	16-
6-5	23-4	1775-7	825-0	17-8	11-9	208-6	11-1	5-3	9-7	307-5	337-1	10-7	68-0	5-1	17-
7-4	25-4	2235-1	800-0	16-5	12-3	156-2	8-8	2-9	8-3	308-7	340-3	11-4	76-5	6-1	17-
8-6	27-0	2730-6	775-0	15-1	9-7	193-6	8-0	1-9	7-8	310-1	337-7	5-8	70-0	6-6	17-
9-6	28-6	2874-4	750-0	14-5	7-0	193-1	7-0	1-6	6-8	311-2	335-2	6-4	64-6	7-1	17-
10-7	30-3	2872-7	750-0	12-0	4-3	207-0	7-0	3-2	6-3	312-6	333-5	7-2	54-1	7-5	17-
11-6	32-0	3186-0	700-0	10-3	-0-3	221-4	9-4	6-2	7-1	313-5	327-7	5-4	47-6	8-0	15-
12-9	34-9	3464-4	675-0	9-2	-5-6	228-9	11-3	8-0	8-0	315-5	327-3	3-8	34-8	8-6	2-
13-9	37-6	3774-9	650-0	8-1	-9-5	227-6	12-3	9-1	8-3	316-7	325-6	2-9	30-2	9-4	22-
14-3	40-4	4100-3	620-0	4-1	-12-6	231-0	12-4	9-6	7-8	317-2	324-6	2-4	28-6	10-2	25-
15-3	43-4	4431-6	600-0	3-1	-27-5	237-0	12-6	10-6	6-9	319-7	322-2	0-7	9-3	11-0	27-
16-5	46-4	4775-3	570-0	1-9	-39-2	240-7	11-6	10-8	4-6	322-3	323-1	0-2	3-2	11-8	30-
17-9	51-4	5132-6	550-0	0-9	-48-9	251-6	11-5	11-0	3-6	325-2	325-6	0-1	1-5	12-5	32-
19-1	58-4	5712-9	500-0	-1-5	-65-8	259-4	12-6	11-8	4-2	328-2	327-1	0-1	1-8	13-2	35-
20-4	63-6	5930-4	500-0	-4-6	-60-1	258-1	12-5	12-3	2-6	327-4	327-9	0-1	2-2	14-0	37-
21-6	67-6	6292-2	475-0	-6-9	-40-4	258-0	13-7	13-3	3-6	329-4	330-3	0-2	5-0	14-8	40-
24-7	67-3	7111-1	450-0	-5-9	-47-3	248-3	14-4	14-4	5-7	330-8	321-3	0-1	2-9	16-1	43-
26-5	70-7	7150-4	425-0	-11-7	-47-9	248-9	14-0	13-1	6-8	333-9	334-4	0-1	3-1	17-5	45-
29-7	74-3	7612-9	400-0	-14-5	-32-9	245-7	13-7	12-4	5-6	336-2	338-8	0-7	23-3	14-7	47-
31-7	81-9	8308-6	375-0	-19-1	-34-8	232-3	13-7	11-6	9-0	337-2	334-6	0-5	21-4	21-1	46-
33-6	85-9	9151-5	325-0	-24-0	-35-9	219-7	16-7	10-7	12-9	339-1	341-0	0-5	26-9	21-9	47-
35-6	93-3	10237-9	275-0	-35-3	-45-8	215-5	14-8	8-6	12-0	340-5	341-5	0-4	30-4	21-7	47-
37-4	94-5	10994-3	250-0	-45-9	-47-7	216-3	13-6	8-1	11-0	342-2	344-9	0-2	20-3	25-3	46-
40-1	99-2	10994-3	225-0	-46-7	-49-9	221-3	11-3	11-3	11-0	343-3	344-9	0-2	20-4	26-9	45-
42-7	104-2	11701-9	200-0	-45-6	59-9	223-9	17-1	14-9	15-5	343-8	344-9	0-2	20-3	25-3	46-
45-4	109-5	12473-0	175-0	-56-3	59-9	231-4	14-5	11-3	11-0	345-3	344-9	0-2	20-4	26-9	45-
49-3	133-3	13323-2	150-0	-56-2	99-9	216-6	8-7	5-8	7-8	350-0	344-9	0-2	20-4	26-9	45-
51-6	121-5	14375-4	125-0	-72-9	99-9	222-8	6-7	4-9	7-8	350-0	344-9	0-2	20-4	26-9	45-
55-0	134-5	15390-4	100-0	-75-8	99-9	184-7	5-6	0-5	5-6	381-2	344-9	0-2	20-4	26-9	45-
59-1	134-5	14662-6	75-0	-70-3	59-9	133-1	6-7	-4-9	4-6	425-2	344-9	0-2	20-4	26-9	45-
64-7	145-7	14741-5	50-0	-56-6	59-9	86-6	10-4	-10-3	-0-6	503-4	344-9	0-2	20-4	26-9	45-
72-2	150-0	20832-0	50-0	-48-2	59-9	78-4	15-3	-15-0	-3-1	643-5	344-9	0-2	20-4	26-9	45-
85-1	167-0	25248-5	25-0	-48-2	59-9	78-4	15-3	-15-0	-3-1	643-5	344-9	0-2	20-4	26-9	45-

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

STATION NO. 247
LONGVIEW, TEXAS

8 JUNE 1978
005 GMT

166 9. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	E POT V DG K	HR WTD GPM/KG	RR PCT	RANGE KM	AZ DG
0.0	7.0	124.0	997.3	23.8	22.3	180.0	5.1	0.0	8.1	297.3	342.3	17.3	81.0	0.0	0.
00.9	9.9	89.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	9.0	322.7	575.0	27.3	22.1	187.0	16.6	2.0	16.5	298.2	344.2	17.6	92.7	0.3	2.
1.6	11.3	549.7	950.0	21.1	20.0	191.3	15.4	3.0	15.1	298.6	340.0	15.7	53.3	1.2	7.
2.7	13.6	781.4	525.0	22.9	6.0	194.1	15.8	3.8	15.3	302.7	322.1	7.0	36.5	2.2	10.
3.6	16.0	1020.2	900.0	24.0	-11.0	197.5	14.7	4.4	14.0	306.2	311.8	1.8	8.8	3.0	11.
4.4	18.4	1265.7	875.0	22.4	2.8	196.6	14.2	4.8	13.4	307.5	322.9	9.4	27.5	3.8	13.
5.4	21.8	1516.9	850.0	20.4	9.9	202.0	12.5	6.7	11.6	307.6	332.9	9.1	50.6	4.5	16.
6.5	23.2	1774.2	825.0	18.5	10.4	208.8	11.6	5.6	10.1	308.2	335.3	5.7	55.3	5.3	16.
7.6	25.7	2037.8	800.0	17.0	8.1	213.9	10.5	5.8	8.7	309.3	333.3	8.5	55.7	6.0	16.
8.7	28.2	2304.3	775.0	15.2	6.5	209.7	10.1	5.0	8.7	310.8	337.6	7.9	50.2	6.6	19.
9.9	30.3	2565.6	750.0	13.2	9.0	205.7	10.2	4.4	9.2	310.5	338.3	9.7	75.6	7.3	20.
11.1	33.4	2470.7	725.0	12.2	1.3	197.6	9.8	2.9	9.3	312.8	330.0	5.8	47.2	8.1	20.
12.2	36.0	3168.2	700.0	10.7	-1.1	195.1	9.3	2.4	9.0	314.4	329.4	5.0	43.6	8.7	20.
13.4	37.7	3466.2	675.0	8.4	-4.3	207.5	9.9	4.6	8.8	315.1	327.4	4.1	40.3	9.4	20.
14.6	41.4	3777.1	650.0	6.5	-11.4	216.6	9.9	5.9	8.0	316.4	324.1	2.5	26.4	10.1	21.
15.9	44.2	4097.4	625.0	4.0	-10.5	223.7	11.7	8.1	6.4	317.0	322.2	1.7	21.0	10.8	22.
17.2	47.1	4628.5	600.0	2.6	-40.7	233.5	11.6	9.3	6.9	320.2	320.6	0.1	1.2	11.7	24.
18.4	51.0	4772.0	575.0	1.0	-49.3	242.9	9.0	8.0	4.1	321.2	321.9	0.1	1.0	12.4	26.
19.4	53.0	5128.4	550.0	-0.1	-50.0	246.6	8.8	8.1	3.5	323.5	324.2	0.1	1.0	12.9	28.
21.3	56.0	5500.3	525.0	-1.1	-50.6	247.3	9.6	8.8	3.7	327.3	327.4	0.1	1.0	13.5	30.
22.9	59.1	5887.2	500.0	-4.0	-52.5	247.0	9.7	8.9	3.8	328.1	328.4	0.1	1.0	16.3	32.
24.3	62.3	6289.4	475.0	-6.5	-54.1	245.2	11.1	10.0	4.6	329.5	330.1	0.0	1.0	15.0	34.
25.9	65.6	6710.0	450.0	-8.3	-36.0	244.5	12.8	11.8	5.5	331.4	334.7	0.9	22.0	16.0	36.
27.5	69.0	7148.4	425.0	-11.8	-37.1	239.2	13.4	11.9	6.8	333.6	335.0	0.5	15.1	17.2	38.
29.1	72.4	7610.5	400.0	-15.6	-50.6	236.6	14.9	12.7	7.6	334.6	335.0	0.0	1.5	18.4	40.
30.9	76.1	8093.4	375.0	-19.7	-67.5	236.6	17.2	13.3	9.5	335.2	335.6	0.0	1.8	20.1	41.
32.9	79.9	8601.6	350.0	-23.5	-51.9	227.6	16.1	11.9	10.8	337.6	337.4	0.1	5.5	22.1	42.
34.7	83.6	9119.9	325.0	-27.0	-43.2	213.4	15.7	8.7	13.1	339.6	340.5	0.3	19.6	24.0	42.
37.2	88.0	9211.9	300.0	-31.5	-44.2	213.8	15.9	8.8	13.2	341.8	341.9	0.2	27.0	26.1	41.
39.4	92.3	10323.4	275.0	-35.9	-53.0	215.4	15.1	8.7	12.3	343.3	343.6	0.1	11.9	28.1	41.
41.9	96.8	10978.2	250.0	-41.4	-54.9	217.9	15.1	9.2	11.9	344.6	344.6	0.0	99.9	30.2	41.
44.8	101.9	11665.7	225.0	-46.5	-59.9	225.4	17.6	10.6	12.4	347.2	347.2	0.0	99.9	32.1	41.
47.7	107.0	12255.5	200.0	-52.9	-59.9	228.5	16.3	10.2	10.8	348.5	348.5	0.0	99.9	36.1	41.
50.9	112.9	13105.3	175.0	-58.8	-59.9	227.4	13.7	10.1	9.3	352.6	349.9	0.0	99.9	38.9	42.
54.3	119.0	14255.6	150.0	-66.5	-59.9	200.5	10.6	3.7	9.0	355.2	349.9	0.0	99.9	41.1	42.
57.9	126.3	15339.2	125.0	-73.8	-59.9	197.3	10.7	3.2	10.2	361.3	349.9	0.0	99.9	43.2	40.
62.1	134.0	16429.6	100.0	-77.8	-59.9	171.6	4.5	-0.7	4.4	377.4	349.9	0.0	99.9	44.8	39.
68.2	143.7	18723.2	75.0	-77.2	-59.9	113.3	5.5	-0.8	2.2	432.1	349.9	0.0	99.9	45.4	37.
73.7	154.5	20022.5	50.0	-60.9	-59.9	89.6	11.6	-11.6	-0.1	508.1	349.9	0.0	99.9	43.4	36.
80.3	165.5	25248.7	25.0	-51.2	-51.2	90.3	13.5	-13.5	-0.1	637.2	349.9	0.0	99.9	38.8	24.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
 6 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGL' LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS
0 JUNE 1979
1105 GMT

TIME MIN	CNCLF	HEIGHT GPM	PRES MR	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U/COMP M/SEC	V COMP M/SEC	POT V CG K	POT V OG K	E POT V CG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DC
0.0	0.0	124.0	948.5	22.8	21.3	180.0	2.6	0.0	2.6	296.1	296.1	338.0	16.2	91.0	3.0	0.
9.0	93.9	97.0	1033.0	99.9	59.9	99.9	55.5	59.9	99.9	59.5	59.5	599.9	55.9	999.9	957.3	999.
0.9	4.2	332.6	995.0	27.5	20.4	150.3	12.2	3.5	12.0	297.5	297.5	341.2	16.7	23.1	0.5	9.
1.7	13.5	559.6	557.3	21.5	20.4	150.3	12.2	4.5	13.2	297.5	297.5	341.2	16.1	93.2	1.2	14.
2.7	17.9	790.9	973.0	15.7	15.6	232.8	17.4	5.0	11.8	259.2	259.2	331.9	12.2	77.1	1.3	17.
3.6	13.4	1370.0	973.0	22.6	-0.4	159.9	12.5	4.4	12.6	304.6	304.6	317.7	4.5	23.6	2.7	19.
4.6	17.4	1273.5	875.0	23.0	-35.9	150.3	12.0	3.4	11.0	307.7	307.7	308.4	0.2	1.0	3.4	18.
5.6	23.2	1524.6	653.0	21.7	-11.0	159.3	10.8	3.4	10.3	308.5	308.5	315.0	2.0	10.4	4.1	14.
6.6	21.7	1742.0	625.0	15.9	-24.1	201.5	5.3	3.4	8.7	389.4	389.4	322.0	4.2	24.0	6.7	19.
7.6	55.3	2245.4	630.0	18.0	-2.2	207.8	10.4	4.9	9.7	310.2	310.2	322.8	4.1	25.2	5.3	17.
8.7	27.9	2316.1	771.7	15.7	-0.4	211.9	10.9	6.1	9.0	310.7	310.7	324.8	4.8	33.5	5.9	20.
9.6	33.5	2553.1	753.0	12.9	2.8	217.2	10.4	6.3	8.2	310.8	310.8	328.8	6.3	50.2	6.5	22.
10.6	33.1	2472.4	725.0	11.2	4.2	216.8	11.0	6.0	8.8	311.6	311.6	332.4	7.2	61.8	7.2	23.
11.6	35.9	3170.0	731.0	5.4	6.4	213.9	10.3	5.7	8.5	312.5	312.5	337.7	8.7	81.6	7.9	24.
12.3	39.6	3470.7	675.0	5.7	1.1	208.4	5.4	4.2	8.4	312.1	312.1	333.6	6.5	73.9	8.6	25.
13.2	41.4	3740.2	650.0	6.1	-12.5	210.1	9.7	4.8	8.4	315.5	315.5	323.9	2.6	28.1	7.3	24.
14.2	41.4	4100.0	625.0	3.9	-26.4	222.8	9.9	6.7	7.2	316.5	316.5	319.2	0.7	8.5	10.0	26.
15.7	47.2	4830.4	630.0	2.0	-23.8	235.9	10.2	8.4	5.7	318.4	318.4	323.5	1.6	21.6	10.7	27.
17.4	53.2	4722.7	570.0	1.2	-44.2	231.6	6.9	7.0	5.6	321.4	321.4	321.7	0.1	1.0	11.3	29.
19.7	51.3	5129.6	550.0	0.1	-49.9	227.6	8.0	5.4	5.5	324.2	324.2	324.5	0.1	1.0	11.9	30.
23.6	56.4	5500.7	525.0	-1.9	-51.2	226.6	7.3	5.3	5.0	328.1	328.1	326.4	0.1	1.0	12.5	31.
25.3	53.5	5140.7	503.0	-4.2	-52.6	228.1	9.3	6.9	6.2	328.0	328.0	328.2	0.1	1.0	13.2	32.
27.3	62.3	6288.3	475.0	-7.7	-33.6	229.1	10.3	7.8	6.7	329.2	329.2	330.5	0.6	12.4	14.0	33.
24.5	66.1	6716.4	453.0	-10.8	-36.7	232.0	11.3	6.9	6.9	329.6	329.6	331.2	0.4	11.9	14.9	34.
26.5	62.7	7143.9	425.0	-13.6	-54.5	235.0	12.9	10.6	7.4	331.2	331.2	331.6	0.0	1.0	16.3	35.
24.1	71.1	7632.1	403.0	-16.6	-60.4	229.7	13.9	10.6	9.0	333.1	333.1	333.6	0.0	1.0	17.2	36.
24.4	77.0	8233.3	375.0	-20.4	-62.9	226.6	15.8	11.3	10.7	334.2	334.2	334.7	0.0	1.0	18.7	37.
31.5	80.7	8570.9	353.0	-23.6	-65.0	218.3	15.2	8.6	12.6	337.4	337.4	337.0	0.0	1.0	20.3	38.
33.5	84.7	9128.5	325.0	-24.8	-67.1	207.6	15.0	6.9	13.3	339.7	339.7	339.8	0.0	1.0	22.0	37.
35.5	89.8	9700.2	300.0	-31.1	-69.9	205.6	15.8	6.8	14.3	339.7	339.7	341.6	0.0	1.0	24.0	36.
38.0	93.3	10310.5	275.0	-36.3	-73.3	211.3	17.8	9.3	15.2	342.7	342.7	342.7	0.0	1.0	26.3	35.
43.3	97.8	10945.3	250.0	-40.6	-90.9	214.6	15.8	9.0	13.0	345.7	345.7	345.9	99.9	999.9	28.0	35.
45.9	104.0	12446.3	203.0	-46.3	-99.9	228.9	18.4	10.1	18.2	347.2	347.2	349.8	99.9	999.9	31.1	36.
49.2	113.9	13397.0	175.0	-59.5	-99.9	238.0	15.0	12.8	6.0	350.2	350.2	350.9	99.9	999.9	33.8	37.
52.9	120.8	14746.1	150.0	-66.7	-99.9	237.0	15.2	10.6	6.1	351.7	351.7	359.8	99.9	999.9	36.1	39.
56.7	126.8	15310.2	125.0	-72.9	-99.9	197.0	15.6	3.7	12.3	352.2	352.2	359.8	99.9	999.9	39.0	39.
61.2	134.1	16624.6	100.0	-78.0	-99.9	264.2	7.4	7.4	0.5	362.9	362.9	362.9	99.9	999.9	41.5	36.
67.2	143.0	18112.8	75.0	-86.3	-99.9	148.5	5.4	-3.0	4.6	377.0	377.0	377.0	99.9	999.9	42.8	33.
75.1	153.0	20406.1	50.0	-80.3	-99.9	113.7	7.4	-6.8	3.0	430.6	430.6	430.6	99.9	999.9	40.6	28.
99.3	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	599.5	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE MEWER 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 253
VICTORIA, TEXAS

7 JUNE 1979
1105 GMT

164 14. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI 3 DEG	S POT 7 DEG	WX RTO CM/KG	RM PCT	RANGE AZ KM	AZ DEG
0.0	0.0	33.0	1002.6	26.0	25.1	170.0	5.1	-0.9	5.0	280.6	352.3	20.5	95.0	0.0	0.0
0.1	9.2	56.2	1030.0	26.0	25.4	172.5	6.6	-0.9	6.6	299.2	353.6	20.9	96.2	0.1	359.0
0.8	10.5	280.7	975.0	25.3	25.3	181.5	13.4	0.4	13.3	300.7	356.7	21.4	100.0	0.5	359.0
1.6	12.8	510.2	550.0	24.1	24.1	185.1	15.0	1.3	15.0	301.7	355.3	20.3	99.8	1.2	1.0
2.4	14.1	784.5	975.0	22.8	22.6	188.7	13.6	2.1	13.5	302.7	353.3	19.1	98.9	2.0	4.0
3.5	17.5	984.2	900.0	21.4	21.2	191.9	13.9	2.9	13.6	303.6	351.4	17.9	98.3	2.8	5.0
4.5	19.9	1229.1	875.0	20.1	19.7	192.9	15.2	3.4	14.6	305.6	349.7	16.7	97.6	3.6	7.0
5.4	22.3	1490.3	850.0	19.3	18.4	196.0	14.1	3.9	13.5	308.4	349.7	16.0	94.6	4.5	8.0
6.4	24.8	1737.5	825.0	17.6	16.7	197.4	14.2	4.4	14.1	307.2	347.3	14.7	94.0	5.3	10.0
7.4	27.2	2001.2	800.0	16.4	14.4	195.4	14.3	4.0	14.7	308.7	344.6	13.0	87.8	6.2	11.0
8.4	29.9	2272.0	775.0	15.5	13.2	195.5	14.5	3.9	13.9	310.2	339.1	12.2	70.4	7.1	11.0
9.4	31.3	2550.5	750.0	14.6	9.0	196.6	15.2	4.3	14.5	312.2	339.7	9.7	70.0	8.0	12.0
10.4	33.0	2931.7	725.0	12.5	9.4	197.9	11.0	3.4	10.5	313.3	340.6	9.6	75.0	8.8	12.0
11.4	37.6	3132.3	700.0	13.4	-1.3	214.0	5.6	3.2	4.8	317.2	332.7	5.1	37.3	9.3	13.0
12.4	41.2	3437.3	675.0	11.1	-0.7	244.2	5.3	4.8	2.3	318.1	336.4	5.4	44.1	9.5	14.0
13.7	43.3	3750.9	650.0	7.2	-3.0	246.9	7.5	6.9	2.9	318.3	335.9	5.9	55.8	9.8	16.0
14.0	45.8	4073.7	625.0	5.5	-2.5	248.0	7.9	7.4	3.0	318.7	334.2	5.1	56.3	10.2	19.0
16.2	49.6	4406.1	600.0	2.6	-4.2	249.0	6.9	6.5	2.5	319.1	333.4	6.7	60.6	10.6	21.0
17.6	51.4	4749.0	575.0	0.0	-7.9	241.9	6.5	5.7	3.1	320.0	331.4	3.7	55.0	11.0	23.0
19.8	54.4	5108.0	550.0	-1.8	-9.4	251.7	5.6	5.3	1.8	321.6	332.6	3.4	55.9	11.3	24.0
20.3	57.5	5473.4	525.0	-3.2	-11.5	263.3	7.8	7.8	0.9	324.4	334.2	3.0	52.5	11.6	27.0
21.6	63.6	5950.5	500.0	-4.8	-16.9	259.2	10.0	9.8	1.9	327.2	333.9	2.0	38.0	12.1	29.0
23.1	63.9	6265.8	475.0	-6.8	-42.6	257.6	11.8	11.6	2.5	329.2	330.4	0.2	4.6	12.7	33.0
24.7	67.1	6630.9	450.0	-9.0	-52.0	250.9	12.6	11.9	4.1	331.6	332.5	0.2	3.8	13.6	36.0
26.4	73.2	7121.3	425.0	-10.9	-28.7	244.4	14.5	13.1	6.3	335.6	338.1	0.9	23.2	14.8	39.0
28.1	74.0	7585.9	400.0	-12.5	-57.8	240.2	14.5	12.4	7.2	338.6	336.9	0.6	1.0	16.2	41.0
29.7	77.6	8074.5	375.0	-16.1	-60.1	239.9	14.7	12.7	7.4	340.4	340.5	0.0	1.0	17.5	42.0
31.5	81.3	8590.6	350.0	-20.8	-63.0	236.8	15.0	12.6	8.2	341.1	341.2	0.0	1.0	19.1	44.0
33.4	85.2	9133.3	325.0	-25.4	-50.4	241.9	15.3	13.5	7.2	343.7	342.2	0.1	8.1	20.8	45.0
35.2	90.2	9705.8	300.0	-29.1	-50.7	245.8	14.2	12.9	6.9	346.4	344.8	0.1	10.3	22.3	46.0
37.1	93.9	10324.9	275.0	-34.7	-44.1	237.4	13.9	11.7	7.5	348.6	345.7	0.2	75.4	23.6	47.0
39.2	98.0	10981.9	250.0	-40.3	59.9	233.4	15.7	12.6	9.3	348.2	349.9	99.9	99.9	25.6	48.0
41.8	102.8	11692.1	225.0	-45.6	99.9	232.6	17.2	13.8	10.4	348.7	349.9	99.9	99.9	28.0	48.0
44.4	108.0	12469.9	200.0	-51.8	99.9	225.2	16.8	11.9	11.9	350.7	349.9	99.9	99.9	33.7	48.0
47.0	113.5	13320.3	175.0	-57.8	99.9	232.4	17.4	13.8	10.6	352.2	349.9	99.9	99.9	33.6	48.0
49.9	119.5	14277.6	150.0	-64.9	99.9	227.4	12.6	9.3	8.5	356.4	349.9	99.9	99.9	36.2	49.0
51.0	124.3	14366.4	125.0	-72.3	99.9	261.0	7.9	7.9	2.7	364.1	349.9	99.9	99.9	36.1	49.0
56.8	134.0	16862.7	100.0	-74.8	59.9	228.5	6.5	5.0	4.7	384.6	349.9	99.9	99.9	39.4	50.0
61.8	142.7	18353.9	75.0	-70.7	59.9	126.8	6.4	-5.1	3.8	426.2	349.9	99.9	99.9	40.4	48.0
69.2	151.7	20918.3	50.0	-60.4	59.9	103.1	10.8	-10.6	2.9	501.2	349.9	99.9	99.9	38.0	46.0
80.5	165.5	25315.9	25.0	-47.7	59.9	101.9	17.7	-17.3	3.6	647.7	349.9	99.9	99.9	33.2	31.0

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

STATION NO. 289
VICTORIA, TEXAS
7 JUNE 1979
1405 GMT

TIME MIN	CMTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	POT 2 DEG K	HR STD CM/AC	RM PCT	RANGE KM	AZ DEG
8.0	8.0	33.0	1004.9	27.6	25.2	170.0	0.2	-1.1	6.1	300.3	354.3	20.6	87.0	0.0	0.
8.2	7.3	76.7	1009.0	27.3	25.7	177.5	0.3	-0.4	8.5	300.4	350.1	21.3	91.0	0.2	355.
1.0	9.5	301.4	975.0	25.3	24.6	178.0	9.5	-0.9	9.5	300.6	350.2	20.4	96.1	0.5	356.
2.0	11.0	570.5	950.0	23.7	23.4	176.1	11.5	-0.4	11.5	301.1	352.4	19.4	96.4	1.1	354.
2.8	14.3	764.3	925.0	21.9	21.6	187.0	15.2	1.5	12.1	301.7	349.0	17.9	98.1	1.7	350.
3.7	16.6	1003.2	900.0	20.0	20.6	191.3	13.4	2.6	13.2	303.1	349.2	17.3	98.0	2.3	1.
4.5	19.1	1247.9	875.0	20.0	20.6	194.4	13.8	3.4	13.4	305.0	345.6	15.1	85.9	3.1	4.
5.5	21.6	1499.1	850.0	19.6	19.5	195.9	12.8	3.5	12.3	308.7	343.0	14.0	82.0	3.8	6.
6.4	24.1	1756.4	825.0	18.1	18.0	201.4	13.4	5.0	12.7	307.7	343.7	13.1	82.0	4.6	8.
7.4	26.6	2020.2	800.0	16.4	14.1	207.2	13.9	6.4	12.4	308.7	344.0	12.0	86.0	5.3	11.
8.4	29.2	2290.7	775.0	14.9	11.8	209.4	13.3	6.6	11.6	309.5	341.4	11.3	81.8	6.1	13.
9.4	31.9	2568.7	750.0	14.0	9.7	212.8	11.9	6.5	10.0	311.8	340.4	10.1	75.3	6.8	15.
10.5	34.6	2855.4	725.0	13.8	8.6	217.2	6.9	5.4	7.1	314.7	337.7	7.9	57.7	7.5	17.
11.5	37.1	3151.5	700.0	13.8	-1.9	214.1	7.1	4.0	5.9	317.6	332.2	4.8	33.6	7.9	18.
12.6	39.8	3456.7	675.0	11.1	-2.1	221.5	6.0	4.0	4.5	314.1	332.8	4.9	39.6	8.3	19.
13.8	42.6	3770.1	653.0	7.9	-2.3	231.0	7.2	5.7	4.5	217.5	332.9	5.0	48.3	8.7	20.
14.9	45.3	4092.3	625.0	5.3	-3.1	229.1	8.2	6.2	5.4	318.2	333.2	4.9	54.0	9.2	22.
16.1	48.3	4474.4	600.0	2.6	-5.9	225.2	7.6	5.4	5.4	319.1	331.7	4.1	53.4	9.7	23.
17.3	51.2	4767.9	575.0	0.8	-7.6	242.1	7.0	6.7	5.5	321.8	332.7	3.8	53.3	10.2	25.
18.6	54.2	5124.6	550.0	-0.4	-12.7	251.4	8.5	8.0	2.7	323.4	332.0	2.6	38.0	10.6	27.
19.0	57.3	5455.1	525.0	-2.6	-15.0	240.3	9.0	8.5	4.0	325.2	332.2	2.1	35.6	11.2	29.
21.3	60.4	5950.4	500.0	-6.5	-14.5	233.1	9.6	7.7	5.0	327.4	335.7	2.5	45.6	11.9	31.
22.0	63.6	6283.7	475.0	-6.5	-19.5	228.9	11.3	8.8	7.4	329.5	335.7	1.7	34.0	12.0	33.
24.4	67.0	6704.2	450.0	-8.9	-25.0	227.2	11.7	8.6	6.0	322.1	335.9	1.1	25.8	13.0	34.
25.9	70.4	7155.3	425.0	-11.3	-43.4	227.4	11.0	8.1	7.5	334.1	335.7	0.3	8.6	14.7	35.
27.5	74.0	7607.4	400.0	-14.2	-54.9	234.9	9.9	8.1	5.7	336.4	336.7	0.0	1.0	15.0	36.
29.2	77.7	8096.7	375.0	-17.2	-60.9	226.1	9.3	6.7	6.3	338.1	338.9	0.0	1.0	16.7	37.
31.0	81.5	8607.9	350.0	-21.2	-63.4	226.6	8.2	6.7	6.3	340.1	340.3	0.0	1.0	17.0	37.
33.0	85.5	9149.8	325.0	-25.6	-66.3	238.9	11.6	9.9	6.0	341.4	341.5	0.0	1.0	18.9	38.
35.1	89.7	9725.5	300.0	-25.9	-40.9	236.9	11.1	9.3	6.0	343.3	344.6	0.3	33.2	20.3	40.
37.1	94.0	10338.0	275.0	-35.2	-40.7	224.1	10.0	7.0	7.2	344.1	344.6	0.4	56.6	21.5	40.
39.4	98.0	10956.1	250.0	-40.1	50.9	226.6	13.7	16.3	9.1	346.4	349.0	0.9	99.9	23.0	41.
41.0	103.6	11717.0	225.0	-45.7	99.9	224.6	15.7	11.1	11.2	348.2	349.0	0.9	99.9	23.0	41.
44.0	108.0	12491.1	200.0	-51.6	49.9	219.2	17.2	10.2	13.3	351.1	349.0	0.9	99.9	27.7	41.
47.1	114.5	13334.4	175.0	-58.8	99.9	208.7	17.7	8.5	15.5	353.4	349.0	0.9	99.9	30.6	41.
50.2	120.0	14268.7	150.0	-64.9	99.9	212.0	11.0	6.0	9.3	355.4	349.0	0.9	99.9	34.9	40.
53.6	127.7	15182.1	125.0	-71.7	99.9	226.8	5.6	4.2	3.7	353.1	349.0	0.9	99.9	37.9	40.
58.0	135.7	16602.7	100.0	-73.6	99.9	157.5	6.0	1.0	9.7	305.1	349.0	0.9	99.9	34.9	38.
63.1	144.3	18373.1	75.0	-68.5	99.9	132.9	7.0	-3.1	4.8	429.2	349.0	0.9	99.9	35.3	32.
70.3	154.3	20878.0	50.0	-57.9	99.9	108.7	11.1	-10.9	2.1	807.2	349.0	0.9	99.9	35.3	32.
82.0	165.0	25303.2	25.0	-46.9	99.9	99.9	99.9	99.9	99.9	449.8	349.0	0.9	99.9	99.9	99.9.

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

STATION NO. 285
VICTORIA, TEXAS

7 JUNE 1979
1705 GMT

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TIME MIN	CNTCT	WEIGHT GPM	WRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	M/R TO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.3	33.0	1000.1	30.9	26.0	100.0	7.2	-2.5	0.0	303.1	360.2	21.5	77.0	0.0	0.
0.2	0.8	87.5	1000.0	28.4	21.9	99.9	9.3	95.9	99.9	201.4	352.0	19.1	76.0	999.9	999.
1.0	9.3	312.7	975.0	26.1	23.6	999.9	9.9	99.9	99.9	301.4	352.8	19.5	87.1	999.9	999.
1.7	11.6	582.5	950.0	24.5	23.9	999.9	9.9	99.9	99.9	302.1	353.0	20.0	60.3	999.9	999.
2.4	14.1	774.8	925.0	22.8	22.3	185.6	10.2	1.0	10.5	302.4	351.9	18.7	98.1	1.3	351.
3.2	16.6	1015.8	900.0	21.1	19.4	169.3	11.4	1.0	11.2	303.2	348.1	16.0	90.2	1.8	351.
4.0	19.0	1260.3	875.0	20.0	17.3	190.6	11.2	2.1	11.3	304.4	343.6	14.4	64.3	2.3	359.
4.7	21.5	1510.7	850.0	18.5	16.9	144.1	11.6	2.8	11.3	305.4	348.8	14.4	50.1	2.9	2.
5.6	24.1	1766.9	825.0	17.2	12.9	199.1	11.1	3.4	10.5	306.4	338.4	11.5	75.8	3.5	4.
6.4	26.7	2029.0	800.0	16.2	11.6	201.0	11.4	4.1	10.6	308.4	338.6	10.9	74.4	4.1	7.
7.5	29.3	2293.9	775.0	14.6	9.9	203.8	10.5	4.2	9.6	309.9	335.7	9.3	68.7	4.7	9.
8.4	31.9	2577.2	750.0	13.0	13.6	210.1	9.3	4.7	8.1	310.7	341.0	10.8	65.2	5.2	10.
9.4	34.8	2861.9	725.0	10.6	9.1	208.6	7.9	3.8	6.9	311.1	339.6	10.1	90.3	5.7	12.
10.4	37.4	3155.2	700.0	10.0	6.5	211.7	6.1	3.2	5.2	313.4	334.7	8.8	79.0	6.1	13.
11.5	40.3	3458.5	675.0	10.9	-4.3	225.0	4.6	3.4	3.4	317.4	330.3	6.1	35.1	6.4	15.
12.4	43.1	3761.8	650.0	8.3	-4.1	226.4	5.8	4.2	6.0	319.4	331.6	4.3	41.1	6.7	16.
13.7	46.1	4084.5	625.0	6.2	-17.6	237.7	5.8	4.6	4.0	319.4	328.1	2.7	28.9	7.0	18.
14.9	49.0	4427.6	600.0	4.0	-9.4	243.5	6.9	6.0	3.3	320.2	328.1	3.4	35.6	7.3	20.
16.1	52.0	4772.5	575.0	2.2	-7.7	238.1	9.1	7.7	4.7	322.4	334.2	3.7	47.8	7.8	22.
17.4	54.1	5130.9	550.0	0.6	-10.0	231.1	11.1	8.6	6.9	324.4	335.2	3.3	44.8	8.5	24.
19.0	53.3	5532.6	525.0	-2.2	-11.6	222.9	11.5	7.8	8.4	325.4	335.4	3.0	40.5	9.4	28.
20.2	61.5	5880.2	500.0	-3.4	-22.8	218.2	9.5	5.6	8.2	328.5	333.3	1.3	21.7	10.3	29.
21.4	64.0	6282.4	475.0	-6.3	-33.9	218.7	8.6	5.5	6.6	330.2	331.9	0.5	9.5	11.0	29.
23.0	69.3	6712.5	450.0	-8.3	-39.7	229.9	9.5	7.3	6.1	331.2	333.1	0.4	10.3	11.7	30.
24.5	71.9	7153.5	425.0	-10.9	-44.1	219.9	13.0	8.3	10.0	335.4	335.8	0.2	4.9	12.7	31.
25.1	75.4	7616.7	400.0	-14.3	-39.8	220.2	13.0	8.4	9.9	336.4	337.5	0.3	9.3	13.9	32.
27.7	79.2	8102.0	375.0	-18.1	-39.6	208.1	11.9	5.6	10.5	337.7	338.9	0.3	13.0	15.1	33.
29.5	81.1	8613.9	350.0	-21.8	-43.1	196.9	11.1	3.2	10.6	339.2	340.3	0.2	13.0	16.3	32.
31.3	87.5	9146.0	325.0	-27.2	-17.9	195.1	10.7	2.7	10.1	341.9	343.6	0.4	20.3	17.4	31.
33.1	91.3	9731.3	300.0	-29.9	-47.5	206.1	10.3	5.0	9.0	343.2	348.3	0.3	28.0	18.5	30.
35.1	95.4	10344.8	275.0	-34.9	-48.5	214.4	12.0	6.8	9.9	344.7	345.3	0.2	23.3	19.8	30.
37.2	100.6	11022.5	250.0	-40.0	99.9	212.2	14.1	7.5	11.9	346.4	349.8	99.9	55.9	21.5	30.
39.4	105.6	11712.9	225.0	-45.8	99.9	216.5	15.6	9.3	12.6	348.4	349.8	99.9	95.9	23.5	31.
41.9	111.0	12489.8	200.0	-51.9	99.9	213.7	14.9	8.8	12.0	350.2	349.8	99.9	95.9	25.7	31.
44.4	116.9	13337.7	175.0	-58.6	99.9	208.7	14.1	6.8	12.3	353.2	349.8	99.9	99.9	28.0	31.
47.5	123.3	14286.2	150.0	-64.3	99.9	220.6	9.4	6.4	7.5	359.4	349.8	99.9	99.9	30.1	31.
51.5	133.3	15199.0	125.0	-72.2	99.9	210.0	9.5	4.7	6.2	364.2	349.8	99.9	99.9	37.0	32.
53.5	139.0	16183.2	100.0	-75.7	99.9	200.6	6.8	2.4	6.3	361.4	349.8	99.9	99.9	33.6	31.
58.7	146.7	17195.4	75.0	-68.8	99.9	194.3	7.5	-5.4	5.2	368.4	349.8	99.9	99.9	34.0	30.
64.4	155.7	23175.1	50.0	-57.6	99.9	103.6	11.3	-11.0	2.7	507.5	349.8	99.9	99.9	33.5	23.
77.6	165.0	25351.0	25.0	-47.9	99.9	101.1	10.0	-15.7	3.1	647.6	349.8	99.9	99.9	33.2	8.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

7 JUNE 1979
2005 GMT

157 32. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DC K	WZ MTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.2	33.0	1005.3	31.4	24.5	160.0	7.7	-2.6	7.2	306.1	356.6	19.7	67.0	0.0	0.
0.1	7.7	60.6	1022.0	30.0	23.8	990.9	99.9	99.9	99.9	303.1	353.4	18.9	69.6	999.0	999.
0.7	10.0	306.7	995.0	27.6	21.5	990.9	99.9	99.9	99.9	302.5	352.6	19.1	76.3	999.0	972.
1.6	12.4	937.1	995.0	24.9	21.0	990.9	99.9	99.9	99.9	302.4	352.6	19.9	80.2	999.0	972.
2.5	14.8	771.6	975.0	22.8	21.2	176.9	9.7	-1.5	9.6	302.6	349.4	17.6	91.4	1.6	343.
3.5	17.3	1010.6	975.0	20.7	17.0	180.9	10.7	0.2	10.7	302.2	348.6	15.4	90.1	2.0	347.
4.7	19.4	1255.0	975.0	20.5	17.5	181.5	11.9	0.3	11.9	305.6	348.4	14.6	83.0	2.0	352.
5.6	22.3	1526.1	853.0	19.7	13.5	183.2	13.2	0.1	13.2	306.4	338.5	11.5	67.3	3.6	358.
6.9	24.9	1763.0	875.0	17.7	12.1	188.6	12.7	1.0	12.7	307.2	337.3	10.9	60.6	4.5	355.
9.3	27.4	2076.0	820.0	14.7	12.3	193.3	10.4	2.2	10.3	307.9	339.3	11.3	75.8	5.2	357.
9.3	33.0	2749.6	775.0	12.1	9.2	199.9	6.7	3.0	6.1	310.4	335.3	9.0	64.1	5.4	354.
13.1	32.7	2573.9	753.0	14.0	9.8	208.9	7.4	3.1	6.7	311.6	338.0	9.4	71.1	6.3	1.
11.0	35.3	2855.9	725.0	12.8	7.7	208.8	5.7	2.4	5.2	313.2	339.9	9.2	71.4	6.6	2.
12.0	34.0	3155.3	720.0	13.9	-2.2	208.5	4.1	2.0	3.6	317.2	332.0	4.7	32.9	6.9	3.
13.1	43.9	3460.8	675.0	11.3	-2.4	208.7	4.7	2.3	4.1	318.2	332.7	4.0	38.2	7.1	4.
14.1	43.6	3774.6	650.0	8.6	-2.1	208.1	4.6	1.9	4.2	318.2	332.1	5.1	46.8	7.4	5.
15.6	46.6	4095.0	625.0	6.2	-2.4	203.2	5.6	2.2	5.2	319.2	332.7	5.0	52.2	7.4	6.
16.9	49.5	4431.2	633.0	3.4	-6.1	223.3	6.3	4.3	4.6	320.0	332.5	4.0	60.6	8.2	7.
19.3	52.5	4775.8	575.0	1.7	-4.3	223.5	6.9	6.6	5.4	322.7	330.9	4.9	66.4	4.7	10.
19.5	55.6	5131.1	553.0	-0.2	-9.7	232.2	12.4	10.0	7.2	323.7	335.1	3.6	53.5	9.3	13.
27.9	54.6	5504.2	525.0	-2.8	-7.6	232.6	12.4	9.9	7.5	325.0	337.9	4.1	67.3	10.1	17.
27.7	61.9	5470.1	503.0	-4.6	-15.7	272.5	11.4	7.7	6.4	327.2	334.6	2.3	41.4	10.9	20.
33.3	65.1	6192.4	475.0	-6.3	-18.2	212.4	12.9	6.7	10.5	330.1	336.5	1.9	36.4	11.9	21.
35.5	64.6	6713.7	450.0	-5.1	-17.1	211.6	14.9	7.4	12.7	331.6	311.2	2.2	27.6	13.3	24.
27.1	72.0	7133.7	425.0	-11.9	-27.0	205.5	16.9	8.3	16.7	333.7	330.9	1.5	42.7	14.9	23.
35.9	75.6	7615.5	403.0	-15.0	-24.0	219.7	18.4	10.4	15.1	335.2	339.9	1.3	42.6	16.7	26.
33.7	79.3	8100.0	375.0	-18.9	-31.1	215.8	19.0	11.1	15.4	336.4	339.3	0.6	32.9	18.8	26.
37.9	93.2	8603.9	353.0	-22.8	-34.0	210.1	17.4	9.7	14.4	338.0	340.3	0.4	34.9	21.1	27.
36.9	91.9	9124.5	300.0	-30.3	-36.3	208.5	12.8	5.7	11.4	340.7	342.6	0.3	37.2	23.0	27.
38.8	95.7	10337.1	275.0	-35.2	-46.0	211.6	6.6	4.5	7.3	342.7	343.6	0.3	27.6	24.1	27.
41.3	100.3	10984.5	250.0	-40.4	-59.9	209.3	11.6	5.4	6.4	346.2	349.9	0.2	31.9	25.2	27.
46.8	105.2	11703.9	233.0	-45.9	-69.9	202.2	13.1	4.9	12.2	348.2	349.9	0.9	55.9	26.9	27.
46.4	111.5	12477.5	220.0	-42.2	-59.9	198.6	16.4	4.9	18.1	348.2	349.9	0.9	69.9	30.8	27.
49.1	115.2	13328.4	175.0	-55.4	-59.9	198.6	16.5	5.3	15.6	351.5	349.9	0.9	65.9	33.6	26.
51.9	117.3	14271.2	150.0	-64.6	-99.9	223.6	8.1	5.6	9.9	358.2	349.9	0.9	65.9	33.6	26.
51.2	129.3	15372.5	125.0	-73.6	-59.9	201.7	7.2	2.7	6.7	361.2	349.9	0.9	65.9	37.8	26.
59.4	137.0	16466.8	100.0	-73.6	-99.9	156.6	9.3	1.5	5.0	365.2	349.9	0.9	65.9	38.4	26.
64.5	135.7	17354.3	75.0	-76.2	-59.9	137.8	6.9	-4.7	5.1	425.7	349.9	0.9	65.9	39.4	25.
77.2	145.5	20840.9	50.0	-57.2	-59.9	103.2	10.1	-9.9	2.3	488.4	349.9	0.9	65.9	39.4	18.
93.9	93.9	59.9	25.0	51.6	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPOED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 228
VICTORIA, TEXAS

7 JUNE 1979
2308 GMT

103 13. 0

TIME MIN	CNTCF	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POF T DEG M	E POT V DEG K	MR WFO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	7-2	33-0	1004.9	38.6	24.0	180-0	7-7	-2.4	7-2	303.2	324.1	19.1	88.0	0-0	0-
0-1	7-7	76-9	1000-0	29.3	23.4	156-1	8-3	-3.4	7-6	302.2	321.5	18.5	70.7	0-2	330-
0-9	10-0	302-5	975-0	27-0	22-7	122-0	5-3	-4.4	8-2	302-4	320-4	18-2	77-4	0-6	329-
1-6	12-4	97-6	550-0	24-7	22-9	151-3	9-8	-4-6	8-5	302-3	320-2	18-0	89-4	1-0	329-
2-4	14-0	766-9	525-0	22-5	21-7	158-8	9-1	-3-3	8-4	302-2	320-2	17-0	55-5	1-4	331-
3-1	17-2	1305-4	900-0	20-5	11-6	168-2	11-1	-2-3	10-9	302-6	320-8	9-6	56-8	1-9	334-
4-2	19-7	1289-8	875-0	21-2	11-1	174-1	11-6	-1-2	11-6	305-5	322-4	9-6	52-5	2-5	330-
5-3	22-2	1500-5	650-0	15-7	10-2	176-5	11-9	-0-7	11-9	306-6	322-6	9-2	56-0	3-3	343-
6-2	24-7	1757-7	625-0	16-4	10-0	185-3	11-1	1-0	11-0	308-1	324-4	9-4	50-0	3-9	345-
7-2	27-3	2021-7	600-0	16-6	10-9	191-8	10-7	2-2	10-4	308-5	327-7	10-3	65-0	4-5	349-
8-7	29-9	2291-8	775-0	15-8	7-2	192-4	9-4	2-0	9-1	310-6	326-4	8-3	56-7	5-1	351-
9-1	32-6	2469-6	750-0	13-9	5-7	185-2	7-9	0-7	7-4	311-7	326-0	7-8	58-0	5-6	354-
10-5	35-2	2855-5	725-0	13-2	6-2	183-1	6-4	-1-3	6-2	314-6	321-1	9-8	71-3	6-0	354-
11-6	37-9	3153-4	700-0	12-2	-5-3	153-3	2-8	-0-7	2-3	316-0	327-7	3-6	30-1	6-2	353-
12-7	43-7	3658-8	675-0	11-1	-5-5	163-3	2-5	-0-7	2-3	318-6	329-6	3-8	30-8	6-6	353-
13-4	43-6	3768-3	650-0	8-6	-3-7	181-7	3-7	0-1	3-7	319-7	322-4	4-5	61-7	6-6	353-
15-2	46-4	4091-9	625-0	6-8	-5-1	206-6	4-8	2-2	4-3	320-2	323-2	4-2	42-1	6-9	354-
16-5	49-4	4425-8	600-0	4-2	-6-5	215-5	4-6	3-9	5-4	321-0	323-2	3-9	65-7	7-2	354-
17-7	52-4	4771-1	575-0	1-9	-3-0	218-1	9-3	5-7	7-3	322-2	328-7	5-4	70-0	7-7	359-
19-1	55-5	5179-0	550-0	-1-4	-3-6	215-8	11-0	5-4	8-9	323-6	260-3	5-6	60-1	8-4	2-
20-5	59-6	5400-2	525-0	-2-7	-5-0	222-5	11-4	7-7	8-4	325-8	260-8	5-8	64-0	9-2	6-
22-0	61-9	5866-1	500-0	-5-8	-9-4	225-8	13-4	9-6	9-3	327-6	328-9	3-8	71-0	10-0	10-
23-7	65-1	6278-4	475-0	-8-9	-12-0	224-5	15-1	10-4	10-9	329-8	329-8	3-2	67-3	11-2	14-
25-3	68-6	6708-9	450-0	-8-6	-16-2	227-0	15-6	11-4	10-7	331-1	329-8	2-6	50-4	12-5	14-
27-0	72-0	7188-2	425-0	-1-4	-22-0	221-7	15-8	10-5	11-6	331-1	328-4	1-5	40-3	14-0	21-
29-3	75-7	7609-2	400-0	-15-3	-30-4	219-5	18-1	11-5	14-0	335-1	326-2	0-3	10-4	15-8	23-
33-9	79-4	8094-0	375-0	-18-5	-41-7	216-7	19-3	11-5	15-5	337-2	327-3	0-0	1-0	18-0	25-
33-9	81-3	8604-8	350-0	-21-5	-61-4	203-3	16-9	6-7	15-5	339-7	329-8	0-0	1-0	20-3	26-
35-1	87-3	9147-8	325-0	-25-1	-66-0	192-5	13-1	2-8	12-0	342-1	342-1	0-0	1-0	22-2	25-
37-2	91-7	9723-9	300-0	-30-1	-81-8	186-6	10-4	1-2	10-3	343-6	343-4	0-1	10-2	23-5	24-
39-4	96-2	10317-2	275-0	-34-8	-88-0	186-5	11-2	1-2	11-1	346-6	345-4	0-2	22-4	24-8	21-
41-7	103-8	10995-3	250-0	-40-1	-99-9	192-1	12-9	2-7	12-7	348-4	348-4	0-2	22-4	24-8	21-
46-3	105-8	11705-8	225-0	-45-6	-99-9	191-9	14-2	2-9	13-9	348-7	348-7	0-0	99-9	28-5	22-
47-0	111-0	12400-1	200-0	-51-8	-99-9	188-8	17-7	2-7	17-8	351-1	348-7	0-0	99-9	31-0	21-
50-9	117-0	13136-1	175-0	-58-3	-99-9	192-4	17-3	3-7	14-9	353-8	348-7	0-0	99-9	34-3	11-
53-2	123-3	14293-7	150-0	-64-8	-99-9	213-1	8-7	5-3	8-1	359-5	348-7	0-0	99-9	38-9	2-
56-9	130-3	15486-2	125-0	-71-5	-99-9	192-4	7-3	1-6	7-1	365-2	348-7	0-0	99-9	38-9	2-
61-4	139-3	16695-4	100-0	-77-8	-99-9	197-2	6-7	2-0	6-4	365-1	348-7	0-0	99-9	40-4	20-
66-4	146-7	18377-5	75-0	-70-4	-99-9	145-0	7-9	-4-5	6-5	425-4	348-7	0-0	99-9	41-7	19-
74-0	156-3	20459-0	50-0	-59-0	-99-9	101-4	11-2	-11-0	2-2	504-6	348-7	0-0	99-9	41-9	13-
85-7	165-0	25177-6	25-0	-51-9	-99-9	99-9	99-9	99-9	99-9	635-4	348-7	0-0	99-9	41-2	360-

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

STATION NO. 255
VICTORIA, TEXAS

8 JUNE 1978
205 GMT

162 13. 0

TIME MIN	CHTY	WFOHT GPH	WRES HR	TEMP DC C	DEB PT DC C	DIR DC	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POI T DC R	E PDI T DC R	M T RTO CM/KG	RM PCT	RANGE KM	AZ DC
0.2	6.9	31.0	1000.3	26.1	23.4	190.0	5.1	-3.3	3.9	298.7	396.5	16.3	95.0	0.0	0.
0.7	7.5	PA.9	1000.0	26.1	24.9	197.0	12.2	-6.7	10.3	299.2	351.9	20.2	93.2	0.3	33.
1.3	9.8	312.8	975.0	24.6	23.7	189.9	12.1	-6.1	10.5	300.6	350.3	19.3	96.3	0.7	32.
1.6	12.1	543.1	950.0	22.6	21.9	157.0	12.6	-3.0	11.8	300.8	348.8	17.7	95.9	1.3	31.
2.7	14.5	773.9	925.0	21.7	19.0	144.6	11.7	-3.1	11.3	301.5	347.0	15.7	95.1	1.7	31.
3.6	16.3	1013.2	900.0	22.2	13.6	166.9	11.9	-2.3	11.7	305.4	339.4	11.0	95.9	2.5	33.
6.4	19.3	1250.1	875.0	22.3	12.9	168.7	11.2	-2.2	11.0	306.5	336.8	10.2	95.4	3.1	34.
5.3	21.8	1510.9	850.0	22.7	12.9	171.1	11.2	-1.4	11.1	307.2	336.5	11.1	95.4	3.7	34.
6.3	24.7	1749.9	825.0	19.3	12.9	180.0	11.0	0.2	11.0	309.4	337.0	10.0	95.5	4.3	34.
7.3	27.3	2033.3	800.0	18.1	8.4	183.5	11.9	0.7	11.9	310.5	335.2	8.7	95.1	5.0	34.
8.2	29.3	2308.8	775.0	16.1	6.2	180.9	12.1	0.2	12.1	311.2	336.4	6.9	95.3	5.6	34.
9.3	31.9	2571.1	750.0	14.6	6.6	176.0	10.0	-0.7	10.5	312.5	336.1	6.2	95.8	6.3	34.
10.6	34.6	2869.3	725.0	12.5	6.0	173.6	5.4	-1.5	9.3	313.2	336.6	6.1	96.6	7.0	35.
11.5	37.2	3168.2	700.0	12.3	5.8	167.3	7.5	-1.6	7.3	316.3	340.5	6.4	96.6	7.6	35.
12.7	39.9	3467.8	675.0	10.9	1.6	151.1	5.9	-2.5	5.2	317.6	336.7	6.4	97.6	8.0	36.
13.4	42.4	3767.6	650.0	8.3	0.2	99.2	4.6	-2.3	3.6	318.4	336.3	6.0	96.5	8.3	34.
14.0	45.6	4105.7	625.0	6.8	-2.4	176.3	3.7	-0.2	3.7	319.4	336.9	5.1	96.5	8.6	34.
16.2	61.4	4639.3	600.0	3.8	-3.0	191.0	4.9	0.9	4.8	320.6	336.2	5.1	96.9	8.9	34.
17.6	64.4	4788.0	575.0	1.2	-2.4	204.7	5.6	2.4	5.1	321.4	338.4	5.6	97.7	9.2	35.
18.7	66.4	5140.6	550.0	-1.5	-2.6	212.6	7.4	6.0	6.2	322.3	339.8	5.8	97.3	9.6	35.
20.1	67.5	5510.5	525.0	-3.7	-4.0	224.9	9.0	6.8	5.9	324.0	340.7	5.7	98.0	10.1	35.
21.6	63.8	5855.0	500.0	-6.0	-6.3	231.7	10.5	6.6	6.8	325.8	340.7	4.8	97.7	10.4	35.
23.1	64.0	6293.2	475.0	-8.5	-10.1	225.4	12.2	9.7	8.5	327.5	339.4	3.7	97.9	11.3	3.
24.6	67.3	6718.1	450.0	-10.4	-19.3	220.3	13.1	6.5	10.0	330.2	336.4	1.9	97.1	12.2	6.
26.3	73.7	7152.5	425.0	-12.2	-24.9	213.1	15.0	6.2	12.6	333.2	333.5	0.1	1.6	13.4	9.
27.2	74.3	7619.0	400.0	-15.0	-29.4	207.2	17.0	7.8	15.1	335.4	335.7	0.0	1.8	14.9	12.
27.9	74.0	8094.5	375.0	-19.8	-11.7	203.5	17.9	6.3	14.6	336.7	336.8	0.0	1.8	16.6	13.
31.3	81.7	8649.4	350.0	-22.3	-25.6	196.3	13.3	3.3	12.9	339.7	338.9	0.1	3.1	18.6	14.
33.3	89.8	9122.8	300.0	-30.1	-49.0	186.0	15.1	1.6	15.0	339.7	340.2	0.1	10.7	20.6	13.
34.0	96.2	10335.1	275.0	-35.3	-71.7	179.4	14.6	-0.1	14.6	343.8	343.8	0.0	1.2	22.3	12.
41.3	98.8	10690.5	250.0	-41.1	-59.9	181.5	14.5	0.4	14.5	345.6	345.6	0.0	95.9	26.3	11.
43.6	101.4	11649.4	225.0	-46.6	-99.9	189.3	17.0	2.8	16.8	347.1	347.1	0.0	95.9	28.7	10.
46.6	108.0	12669.5	200.0	-52.7	-57.9	195.8	18.2	4.9	17.5	349.2	349.2	0.0	95.9	31.8	11.
49.8	114.8	13321.3	175.0	-58.8	-99.0	188.5	17.0	6.4	15.8	353.8	349.9	0.0	95.9	35.3	11.
47.4	120.4	14278.5	150.0	-64.5	-59.9	168.5	11.3	1.7	11.7	357.2	349.9	0.0	95.9	37.7	12.
50.6	127.5	15360.5	125.0	-72.0	-59.9	179.3	5.7	-0.1	9.7	360.2	349.9	0.0	95.9	41.9	11.
63.5	135.0	16658.7	100.0	-76.4	-59.9	161.7	5.9	-3.6	4.5	360.2	349.9	0.0	95.9	41.9	11.
66.7	141.7	18370.6	75.0	-87.3	-59.9	102.4	11.1	-10.4	3.0	431.5	349.9	0.0	95.9	42.0	7.
73.8	151.0	20331.4	50.0	-98.2	-59.9	95.8	10.8	-10.8	1.1	506.3	349.9	0.0	95.9	43.1	6.
87.0	167.5	25105.4	25.0	-98.1	-99.9	99.9	99.9	99.9	99.9	648.8	349.9	0.0	95.9	43.5	347.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME MAY BE DIFFERENTIALLY INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 259
VICTORIA, TEXAS
8 JUNE 1979
505 GMT

TIME MIN	CNVCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
0.0	6.6	33.0	1007.6	26.6	25.6	150.0	4.1	-2.1	3.6	299.1	353.6	20.9	94.0	0.0	0.
3.2	7.4	100.1	1000.0	24.9	24.9	139.0	12.4	-6.0	9.5	298.0	350.5	20.2	100.1	0.2	350.
1.0	9.6	323.3	975.0	23.8	23.8	169.6	13.0	-6.6	11.2	299.1	349.8	19.4	100.1	0.6	333.
1.7	12.0	551.2	950.0	22.3	22.2	158.3	12.3	-6.6	11.5	299.2	347.3	18.1	99.8	1.2	335.
2.9	14.4	784.0	925.0	20.8	19.7	160.5	12.2	-3.1	11.5	300.2	342.9	16.0	93.6	1.7	336.
3.3	16.8	1021.5	900.0	21.5	13.2	164.2	12.2	-2.3	11.7	303.7	332.9	10.7	59.5	2.3	338.
4.3	19.2	1266.2	875.0	21.3	10.9	169.4	11.0	-1.1	10.8	305.6	332.1	9.4	51.4	3.0	340.
5.7	21.7	1517.4	850.0	20.4	11.1	174.9	12.3	-1.1	12.3	307.2	332.9	9.9	55.4	3.6	342.
6.1	24.2	1774.6	825.0	18.7	6.8	181.8	10.9	0.3	10.9	308.4	329.7	7.5	45.7	4.2	344.
7.0	26.9	2038.4	800.0	16.0	2.7	182.9	11.2	0.6	10.3	310.2	327.2	5.9	36.2	4.8	347.
8.0	29.3	2308.2	775.0	16.1	2.4	182.5	11.5	0.5	11.5	311.2	326.2	5.9	36.8	5.5	349.
9.0	32.0	2587.0	750.0	14.3	1.5	192.2	11.5	0.4	11.4	312.1	326.8	5.7	42.0	6.1	352.
10.1	34.7	2972.6	725.0	12.2	2.6	177.6	11.6	-0.5	11.6	312.6	331.4	6.4	51.8	6.8	351.
11.0	37.3	3166.0	700.0	10.2	2.6	174.5	11.0	-0.0	11.0	313.6	333.4	6.7	60.5	7.5	352.
12.1	40.1	3468.3	675.0	8.9	4.3	172.1	6.2	-1.1	6.2	315.6	338.2	7.7	72.6	8.2	352.
13.3	42.9	3787.7	650.0	7.5	-1.8	158.1	5.5	-2.1	5.1	317.2	333.2	5.2	51.9	9.6	352.
14.3	45.8	4103.2	625.0	5.9	-6.0	156.8	3.9	-1.5	3.6	319.2	331.2	3.9	42.0	8.9	351.
15.4	49.5	4436.4	600.0	3.6	-4.5	176.3	4.4	-0.3	4.4	320.2	336.3	4.6	55.2	9.1	351.
16.6	51.6	4781.1	575.0	1.5	-2.2	187.6	5.2	0.7	5.2	321.2	338.3	5.4	72.9	9.5	351.
17.9	54.6	5139.2	550.0	-1.2	-2.9	200.9	6.4	2.3	6.0	322.7	339.9	5.6	87.8	9.8	352.
19.1	57.8	5502.8	525.0	-3.2	-6.3	207.8	7.7	3.6	6.8	324.2	338.7	4.6	9.1	10.3	354.
20.4	60.9	5893.3	500.0	-4.3	-8.2	202.4	8.4	3.2	7.7	325.2	338.3	4.1	26.3	10.8	350.
21.8	64.1	6293.4	475.0	-6.2	-10.2	201.9	11.5	4.3	10.6	327.2	336.2	2.0	45.2	11.6	357.
23.3	67.5	6712.2	450.0	-9.7	-16.5	205.5	13.7	9.9	12.4	331.1	331.5	0.1	2.5	12.5	360.
24.6	71.0	7150.8	425.0	-12.8	-21.1	195.4	16.7	4.4	16.1	332.2	333.1	0.2	4.6	13.7	2.
26.2	74.6	7610.6	400.0	-15.8	-27.7	193.0	16.5	3.7	16.1	334.2	334.9	0.1	4.5	15.2	3.
27.9	78.2	8031.6	375.0	-19.6	-35.8	189.4	15.2	2.6	15.4	335.7	336.3	0.2	7.6	16.9	4.
29.6	82.0	8602.5	350.0	-23.0	-47.9	183.5	15.2	0.9	15.2	337.7	336.3	0.1	6.1	18.4	4.
31.4	86.0	9141.0	325.0	-27.0	-51.1	183.8	17.0	1.1	16.9	339.6	339.9	0.1	8.0	20.2	4.
33.3	90.7	9713.7	300.0	-30.8	-53.6	188.1	18.1	2.5	17.9	342.0	342.4	0.1	8.5	22.2	4.
35.3	94.5	10325.2	275.0	-35.6	-56.1	194.9	17.0	4.4	16.4	343.6	343.9	0.1	10.1	24.3	5.
37.4	99.0	10980.3	250.0	-40.7	-59.9	191.8	16.9	3.4	16.1	345.6	345.9	0.9	95.9	26.4	5.
39.8	104.0	11689.1	225.0	-46.6	-59.9	202.3	17.9	6.8	16.6	347.1	349.9	0.9	90.9	28.7	6.
42.0	109.0	12460.0	200.0	-52.6	-59.9	211.4	16.9	8.8	14.4	349.6	349.9	0.9	95.9	30.9	6.
44.5	114.6	13309.8	175.0	-58.6	-59.9	201.1	15.4	9.5	14.4	351.6	349.9	0.9	99.9	33.1	9.
47.4	120.8	14255.3	150.0	-67.4	-59.9	185.2	13.6	1.2	13.5	354.5	349.9	0.9	59.9	35.7	10.
50.4	127.3	15334.9	125.0	-74.6	-59.9	164.9	11.6	-0.0	11.2	359.5	349.9	0.9	99.9	37.7	6.
54.0	134.7	16632.5	100.0	-76.8	-59.9	157.0	5.5	-2.2	5.1	379.4	349.9	0.9	99.9	39.4	8.
58.9	143.0	18237.6	75.0	-85.8	-59.9	106.9	10.5	-10.0	3.0	426.7	349.9	0.9	99.9	39.8	5.
66.1	152.5	20737.6	50.0	-80.2	-59.9	86.5	11.5	-11.5	-0.3	501.2	349.9	0.9	99.9	40.7	359.
78.4	162.7	25249.4	25.0	-52.2	-59.9	91.3	15.0	-15.0	0.3	635.1	349.9	0.9	95.9	41.7	344.

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEXAS

8 JUNE 1979
005 GMT

167 9. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG M	E POT Y DG K	MH RTO GPH	RM PCT	RANGE KM	AZ DG
0.0	6.2	33.0	1006.4	25.6	25.1	150.0	4.1	-2.1	3.6	298.3	351.1	20.4	97.0	0.0	0.
0.2	6.7	89.5	1000.0	25.3	25.1	155.4	10.6	-4.1	9.6	298.4	351.7	20.5	99.1	0.2	343.
0.9	9.1	313.2	975.0	24.1	24.1	161.0	13.7	-4.5	13.0	299.2	351.2	19.6	99.9	0.7	337.
1.8	11.9	541.7	950.0	23.1	23.0	176.7	16.9	-4.9	14.4	300.6	350.6	19.0	90.4	1.4	341.
2.8	13.3	775.0	925.0	21.6	21.3	189.0	14.2	-2.8	14.2	301.4	349.9	17.6	95.5	2.2	347.
3.0	16.3	1013.7	900.0	21.6	18.8	186.9	14.5	-3.8	14.0	303.7	349.1	15.4	64.4	3.0	345.
4.5	18.4	1258.9	875.0	21.9	11.3	187.7	13.5	-2.9	13.2	308.2	333.6	6.0	51.4	3.7	345.
5.4	21.3	1510.7	850.0	21.5	6.4	179.7	12.9	-1.6	12.7	308.7	331.8	8.2	43.1	4.4	346.
6.3	23.8	1769.1	825.0	20.6	3.0	178.7	11.8	-0.3	11.8	310.2	327.1	5.0	31.2	5.1	347.
7.3	26.3	2036.1	800.0	18.9	2.9	174.4	10.5	-1.0	10.4	311.3	326.5	5.9	34.6	5.8	349.
8.4	24.9	2305.6	775.0	16.9	4.9	176.0	10.0	-0.7	9.9	312.0	322.3	7.0	44.9	6.4	349.
9.3	31.5	2586.6	750.0	14.8	6.9	186.0	6.8	0.7	8.0	312.7	331.9	6.6	46.0	6.9	350.
10.3	36.1	2870.8	725.0	13.4	2.8	193.3	7.7	1.8	7.5	316.2	333.2	6.5	48.6	7.4	351.
11.4	36.9	3166.2	700.0	12.0	6.6	202.7	6.7	2.6	6.2	315.2	341.3	6.8	49.3	7.8	353.
12.5	39.7	3471.0	675.0	10.7	3.6	192.6	6.0	1.2	5.8	317.8	339.4	7.4	41.5	8.2	354.
13.6	42.4	3786.9	650.0	8.3	3.4	173.2	6.7	-0.8	6.4	318.2	340.7	7.4	71.7	8.6	354.
14.6	45.3	4108.2	625.0	5.7	3.5	163.4	5.4	-1.5	5.2	319.6	342.4	7.9	85.8	9.0	354.
15.9	44.3	4481.5	600.0	3.0	-1.2	150.6	5.3	-2.6	4.6	319.7	337.2	5.8	73.6	9.3	353.
17.2	51.3	4786.1	575.0	1.8	-3.4	133.6	6.5	-3.1	6.2	321.2	337.7	5.2	69.4	9.4	352.
18.5	54.3	5183.3	550.0	-1.0	-2.2	103.5	6.7	-1.9	6.4	322.0	340.9	5.9	91.7	10.3	352.
19.8	57.3	5517.5	525.0	-3.8	-4.4	161.4	5.1	-1.6	4.8	323.4	340.1	5.3	55.7	10.8	351.
21.3	60.5	5997.8	500.0	-6.0	-13.1	171.1	6.1	-0.5	6.0	325.4	337.8	3.4	72.6	11.2	351.
22.9	63.8	6295.5	475.0	-7.2	-31.2	186.6	6.6	0.7	8.6	329.1	329.4	0.1	1.9	11.8	351.
24.3	67.0	6719.1	457.0	-8.9	-55.6	193.2	10.8	2.5	10.5	332.0	332.2	0.0	1.0	12.7	353.
26.0	73.5	7157.3	425.0	-12.9	-59.1	196.7	14.1	3.6	13.7	332.2	332.6	0.0	1.0	13.8	355.
27.6	74.0	7616.6	400.0	-15.6	-59.8	194.2	15.6	3.8	15.1	334.2	334.9	0.0	1.0	15.2	356.
29.4	77.7	8100.1	375.0	-19.5	-62.3	194.1	17.6	4.3	17.1	335.8	335.5	0.0	1.0	16.8	359.
31.1	81.5	8598.5	350.0	-23.7	-65.0	187.7	16.7	2.5	16.5	336.2	336.9	0.0	1.0	18.9	360.
33.0	85.5	9146.3	325.0	-27.3	-68.0	186.4	17.0	17.5	17.5	339.1	339.2	0.0	1.0	20.9	360.
35.0	89.5	9717.8	300.0	-31.8	-69.4	198.2	16.2	5.1	15.4	340.8	347.1	0.4	46.7	22.9	360.
37.2	91.8	10327.5	275.0	-35.7	-69.9	211.5	16.1	9.8	15.5	343.2	345.2	0.4	67.9	24.9	360.
39.4	94.4	10993.1	250.0	-40.7	-69.9	212.9	14.8	8.0	12.4	345.2	349.9	6.9	95.9	26.7	360.
41.9	103.2	11692.9	225.0	-45.7	-69.9	217.1	15.9	9.6	12.7	348.4	349.9	9.9	99.9	28.9	360.
44.8	104.9	12445.5	200.0	-52.6	-69.9	220.9	15.7	10.3	11.9	349.2	349.9	9.9	99.9	31.1	360.
47.6	111.0	13312.7	175.0	-60.0	-69.9	215.5	18.0	10.9	15.3	351.2	349.9	6.9	99.9	33.6	360.
50.7	120.0	14259.0	150.0	-66.7	-69.9	199.8	15.8	2.8	15.6	353.2	349.9	9.9	99.9	36.6	360.
54.3	127.0	15342.8	125.0	-73.3	-69.9	170.5	13.6	-2.2	13.4	362.3	349.9	6.9	99.9	40.1	360.
58.5	134.5	16647.7	100.0	-76.0	-69.9	123.0	7.6	-6.3	4.1	360.5	349.9	9.9	99.9	41.6	360.
64.2	143.3	18377.1	75.0	-68.0	-69.9	181.3	8.2	-7.7	4.2	430.4	349.9	6.9	99.9	43.0	360.
71.5	151.5	20916.1	50.0	-62.0	-69.9	87.3	12.7	-12.7	-0.6	497.4	349.9	6.9	99.9	42.6	360.
84.5	165.0	25746.9	25.0	-51.5	-69.9	90.1	16.2	-16.2	0.0	636.7	349.9	6.9	99.9	43.9	360.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 289
VICTORIA, TEXAS

8 JUNE 1978
1105 GMT

100 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	WX WTD G/M2	RM PCT	RANGE KM	AZ DEG
0-0	6-8	33.0	1006.3	24.2	25.2	150.0	4.1	-2.1	3.6	298.2	352.8	20.4	94.0	0-0	0-
0-2	7-4	68.8	1000.0	25.6	25.6	160.8	10.1	-3.3	9.5	298.2	352.6	21.1	99.8	0-2	331-
1-1	9-7	312.6	975.0	24.3	24.3	163.2	11.5	-3.3	11.0	299.7	352.2	20.1	100.0	0-6	338-
2-0	12-0	541.0	950.0	23.0	23.0	169.6	12.9	-2.3	12.7	300.2	357.4	19.0	99.8	1-3	341-
3-1	14-4	774.4	525.0	21.8	21.4	178.5	12.6	-0.3	12.8	301.2	348.3	17.6	57.5	2-1	347-
4-0	16-8	1013.0	900.0	20.5	20.1	179.5	13.0	-0.1	13.0	302.8	347.1	16.7	97.7	2-0	351-
4-3	19-1	1237.0	875.0	19.1	18.3	180.0	13.0	-0.0	13.0	303.2	344.7	15.3	95.1	3-5	352-
5-5	21-6	1507.1	850.0	18.3	18.2	179.0	13.4	-0.2	13.4	306.4	334.9	11.1	66.3	4-2	354-
6-7	24-1	1764.0	825.0	17.8	18.2	178.7	12.3	-0.3	12.3	308.9	331.9	8.3	50.0	4-9	354-
7-5	26-2	2227.9	800.0	17.7	18.2	182.0	11.3	0.4	11.3	310.1	331.6	7.6	47.3	5-7	355-
8-9	29-2	2299.2	775.0	16.9	18.1	183.9	8.2	0.6	8.2	312.0	331.3	6.7	42.7	6-3	354-
10-0	31-8	2577.9	750.0	14.8	18.2	180.2	7.4	0.0	7.4	312.7	333.0	7.0	49.7	6-0	354-
11-1	34-4	2864.3	725.0	13.3	18.3	175.9	5.9	-0.4	5.9	314.1	333.9	6.8	51.2	7-3	354-
12-2	37-1	3159.2	700.0	11.3	18.3	179.9	5.5	-0.0	5.5	315.1	341.3	9.1	75.0	7-7	357-
13-5	39-9	3423.0	675.0	9.7	18.2	174.3	5.4	-0.5	5.3	316.2	339.1	7.7	66.9	6-0	357-
14-7	42-7	3775.2	650.0	7.9	18.2	151.7	6.1	-2.9	5.4	317.5	339.4	7.3	70.4	6-4	354-
16-0	45-6	4099.6	625.0	6.5	18.1	143.6	8.3	-4.9	6.7	319.5	336.3	5.4	55.3	6-9	354-
17-3	48-4	4333.9	600.0	4.4	18.0	154.0	9.2	-4.0	6.3	321.2	334.2	5.6	64.1	9-5	352-
18-6	51-4	4779.3	575.0	2.1	18.0	162.1	8.1	-2.5	7.7	322.4	334.4	4.5	58.7	10-2	351-
19-9	54-4	5136.7	550.0	-0.6	18.1	165.8	2.1	-2.0	7.8	323.4	331.5	3.2	48.4	10-8	351-
21-3	57-5	5506.9	525.0	-3.4	18.0	158.4	6.6	-3.2	8.0	324.3	335.5	3.6	43.1	11-4	351-
22-6	60-5	5891.5	500.0	-5.8	17.9	168.5	6.8	-1.3	6.3	326.2	332.3	1.9	36.4	12-1	350-
24-4	63-8	6292.0	475.0	-7.7	17.7	165.5	6.7	0.8	8.7	328.2	329.6	0.3	6.8	12-7	350-
26-0	67-1	6711.0	450.0	-5.6	18.0	188.2	11.5	1.8	11.4	331.1	331.3	0.0	1.1	13-7	352-
27-6	70-6	7148.4	425.0	-13.5	18.0	191.1	13.4	2.6	13.1	331.7	332.2	0.1	4.2	14-8	353-
29-5	74-1	7657.3	400.0	-16.4	18.3	192.7	18.1	4.0	17.7	333.7	334.2	0.1	4.3	16-5	355-
31-5	77-7	8099.3	375.0	-19.9	18.9	192.4	20.6	4.5	20.1	335.2	338.0	0.2	9.0	18-8	357-
33-5	81-6	8597.0	350.0	-23.6	18.0	192.4	19.6	4.2	19.2	336.9	337.6	0.2	9.8	21-3	359-
35-4	84-5	9144.8	325.0	-27.5	18.2	187.2	15.8	5.8	16.9	338.8	341.5	0.7	60.1	23-5	1-
37-6	89-7	9705.5	300.0	-32.1	18.5	207.9	14.4	9.1	17.2	340.1	342.6	0.7	78.9	25-9	2-
39-8	94-0	10115.1	275.0	-36.2	18.7	220.6	14.0	5.1	10.7	342.2	344.6	0.5	77.3	27-6	5-
42-3	99-6	10969.8	250.0	-41.2	19.9	215.0	16.8	9.6	13.7	344.2	349.9	99.9	99.9	29-5	7-
44-9	103-5	11676.0	225.0	-47.5	19.9	211.9	16.4	8.7	13.9	345.7	349.9	99.9	99.9	31-8	9-
47-9	104-8	12443.8	200.0	-53.7	19.9	205.5	17.8	7.7	16.1	347.8	349.9	99.9	99.9	34-4	11-
51-2	114-5	13289.1	175.0	-60.4	19.9	203.8	19.5	7.9	17.8	350.2	349.9	99.9	99.9	38-4	12-
54-8	123-7	14235.5	150.0	-66.8	19.9	181.8	15.8	0.5	15.8	355.3	349.8	99.9	99.9	42-0	13-
58-8	127-5	15122.8	125.0	-71.4	19.9	177.6	9.4	-0.4	9.3	369.7	349.8	99.9	99.9	45-5	12-
63-5	135-3	16272.6	100.0	-76.7	19.9	141.8	5.7	-3.5	4.4	379.2	349.8	99.9	99.9	48-4	11-
69-4	144-0	18306.2	75.0	-82.4	19.9	117.5	10.8	-9.6	1.0	429.5	349.8	99.9	99.9	48-7	8-
77-7	154-0	20811.3	50.0	-88.1	19.9	69.9	14.0	-16.0	-0.0	504.2	349.8	99.9	99.9	48-3	1-
91-0	164-3	25244.0	25.0	-98.0	19.9	99.0	99.9	99.9	99.9	647.1	349.8	99.9	99.9	49-7	346-

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

STATION NO. 200
STEPHENVILLE, TEXAS

7 JUN 1979
1105 GMT

102 10. 1

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

TIME MIN	CHTCT	HEIGHT GPM	PRES IN	TEMP DC C	DEP DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	MR RTO CM/HC	PH PCT	RANGE KM	AZ DG
7.3	9.5	399.0	558.4	22.6	23.3	180.0	7.1	0.0	9.1	308.4	350.6	19.1	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	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
3.3	12.2	478.4	950.3	23.2	22.9	99.9	99.9	99.9	99.9	300.7	350.4	18.9	98.4	999.9	999.9
1.1	17.5	710.2	925.0	27.8	22.1	99.9	99.9	99.9	99.9	302.3	351.3	18.5	98.3	999.9	999.9
2.1	14.9	949.4	937.0	21.2	20.9	99.9	99.9	99.9	99.9	303.4	350.4	17.6	98.1	1.7	13.
3.3	17.3	1195.0	875.0	22.2	17.6	219.5	14.4	17.5	17.5	306.9	347.2	14.8	75.8	3.0	22.
4.3	19.9	1487.0	850.0	22.5	11.6	229.5	21.3	16.0	16.1	309.6	336.4	10.2	50.2	4.3	29.
6.9	22.3	1707.5	825.0	21.8	3.3	235.8	17.5	9.9	9.9	311.6	326.8	5.9	29.7	5.2	34.
5.0	24.8	1973.4	800.0	20.3	-0.4	239.7	12.6	10.9	6.4	312.8	326.6	4.7	29.9	6.2	37.
7.1	27.4	2245.9	775.0	17.6	-0.2	236.5	11.4	9.5	6.3	312.8	327.2	4.9	30.0	6.4	40.
9.1	30.3	2524.6	750.0	15.4	-3.0	229.9	13.6	10.2	8.9	313.2	325.5	4.1	28.1	7.5	41.
9.1	33.5	2917.7	725.0	13.0	-7.1	225.0	11.3	11.1	11.1	313.7	323.2	3.1	28.0	8.4	42.
10.1	35.3	3104.1	700.0	10.4	-5.9	224.6	15.2	10.7	10.8	314.0	320.6	3.5	31.3	9.4	42.
11.2	39.0	3405.0	675.0	7.3	-5.9	224.7	13.3	9.4	9.5	313.5	325.2	3.6	30.6	10.3	42.
12.3	42.8	3718.3	650.0	4.7	-8.4	227.4	15.1	11.1	10.2	314.2	323.8	3.4	37.9	11.2	43.
13.5	47.7	4032.5	625.0	3.2	-8.0	227.1	14.4	10.6	9.8	314.1	316.4	0.1	1.0	12.3	43.
15.0	45.6	4327.7	600.0	2.2	-8.6	227.7	13.7	10.1	9.2	318.7	319.0	0.1	1.0	13.5	43.
16.3	49.4	4704.5	575.0	-0.3	-9.2	229.9	13.6	10.3	8.7	319.6	319.9	0.1	1.0	14.6	44.
17.5	52.4	5058.1	550.0	-2.6	-9.2	227.5	15.2	11.2	10.3	321.0	321.3	0.1	1.0	15.6	44.
19.9	55.5	5425.3	525.0	-5.0	-9.1	229.2	16.9	12.0	11.1	322.4	322.6	0.0	1.0	16.6	44.
21.3	58.6	5807.0	500.0	-7.3	-8.5	232.6	16.0	14.9	11.4	324.2	324.4	0.0	1.0	19.4	45.
21.7	61.9	6205.2	475.0	-8.8	-5.5	235.1	20.4	16.8	11.3	327.1	327.2	0.0	1.0	20.0	46.
23.3	65.1	6621.7	450.0	-11.7	-7.4	237.2	23.6	20.0	12.9	328.5	328.6	0.0	1.0	22.0	47.
24.9	61.6	7058.7	425.0	-13.2	-9.3	231.9	19.2	15.1	12.9	332.1	332.2	0.0	1.0	22.4	47.
26.5	72.1	7519.9	400.0	-13.5	-9.5	240.9	26.1	22.8	12.7	337.4	337.6	0.0	1.0	26.8	49.
28.0	75.7	8007.9	375.0	-14.8	-9.6	250.1	28.9	27.2	9.8	339.4	339.6	0.0	1.0	29.0	53.
29.4	79.4	8522.2	350.0	-21.0	-9.3	251.5	32.7	31.0	10.4	340.7	340.6	0.0	1.0	32.7	52.
31.8	81.5	9013.9	325.0	-17.1	-8.6	249.9	32.9	30.9	11.3	340.7	340.8	0.0	1.0	35.9	54.
34.1	87.7	9638.2	300.0	-8	-9.0	249.0	39.6	36.6	14.8	343.4	343.5	0.0	1.0	40.7	56.
36.5	92.0	10293.1	275.0	-7	-12.1	249.9	34.1	31.9	11.9	344.1	343.3	0.0	1.0	46.1	57.
41.1	101.4	11622.5	250.0	-6	-9.9	242.8	38.9	34.7	17.8	346.6	346.9	99.9	99.9	46.1	57.
43.1	106.8	12397.1	200.0	-45.5	99.9	235.4	37.2	30.7	21.2	348.6	348.9	99.9	99.9	56.7	58.
45.6	112.5	13750.5	175.0	-58.5	99.9	235.7	29.6	21.2	20.7	351.2	351.3	99.9	99.9	59.9	58.
48.6	119.0	14198.9	150.0	-67.3	99.9	239.3	37.8	32.6	19.3	353.3	353.9	99.9	99.9	65.4	58.
51.9	124.0	15288.4	125.0	-71.0	99.9	243.0	28.9	28.2	15.2	354.2	354.2	99.9	99.9	71.3	58.
55.7	134.0	16602.8	100.0	-70.4	99.9	247.2	28.5	28.2	11.1	366.3	366.3	99.9	99.9	78.2	50.
60.4	143.3	18113.7	75.0	-69.4	99.9	247.5	11.1	6.7	8.8	391.2	391.2	99.9	99.9	82.4	50.
67.9	153.7	20913.3	50.0	-57.2	99.9	110.7	6.7	-0.1	2.9	429.5	429.5	99.9	99.9	82.5	50.
79.4	154.5	25391.9	25.0	-47.4	99.9	95.4	11.4	-11.3	1.1	608.7	608.7	99.9	99.9	80.8	51.
										649.2	649.2	99.9	99.9	74.4	53.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

7 JUNE 1979
1405 GMT

102 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MJ RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.5	399.0	960.7	24.5	23.3	190.0	6.2	1.1	6.1	301.1	351.8	19.1	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	99.9	99.9	99.9	999.9	999.9
0.3	10.5	494.0	950.0	21.9	21.3	999.9	99.9	99.9	99.9	301.2	346.8	17.1	85.8	999.9	999.9
1.2	12.9	727.7	925.0	22.1	20.7	203.6	20.2	6.1	18.5	302.8	349.2	17.4	96.4	999.9	999.9
2.2	15.4	966.9	900.0	21.3	19.4	211.4	22.4	11.9	18.2	303.2	350.0	17.4	96.4	1.5	12.
3.0	17.8	1211.6	875.0	20.0	19.4	211.4	22.4	11.9	18.2	304.2	348.6	16.5	56.6	3.0	17.
3.9	20.3	1483.6	850.0	21.8	13.0	217.0	20.4	12.3	16.3	309.0	340.3	11.3	57.9	4.1	23.
5.0	22.9	1722.8	825.0	21.1	5.9	230.3	16.5	12.7	10.5	310.5	331.3	7.1	37.3	5.2	27.
6.0	25.4	1968.5	800.0	20.8	-3.2	235.3	13.3	11.0	7.5	312.5	328.0	3.0	20.9	6.0	31.
7.2	28.0	2260.4	775.0	17.8	-7.9	233.4	12.4	10.0	7.4	313.0	321.3	2.7	16.5	6.9	34.
8.3	30.7	2519.1	750.0	15.2	-8.9	227.5	11.7	6.6	7.9	313.1	321.0	2.6	14.0	7.6	36.
9.5	33.3	2824.7	725.0	12.6	-2.7	221.7	15.1	10.5	10.9	313.3	326.3	4.4	34.7	8.6	37.
10.7	36.0	3118.0	700.0	10.2	-3.9	221.1	14.7	9.7	11.1	313.0	329.0	5.1	45.9	9.7	37.
12.0	38.9	3419.0	675.0	6.1	-24.9	227.8	12.3	9.1	8.3	314.7	317.3	0.8	7.7	10.7	36.
13.1	41.7	3718.7	650.0	5.5	-19.0	236.2	11.6	9.4	6.8	315.2	319.9	1.5	17.0	11.6	39.
14.5	44.5	4044.3	625.0	4.2	-19.0	236.2	10.9	9.1	6.1	317.2	318.1	0.2	2.8	12.4	40.
15.4	47.3	4375.9	600.0	2.6	-49.4	235.9	12.3	10.2	6.9	319.1	319.4	0.1	1.0	13.2	41.
17.0	53.3	4720.8	575.0	-0.0	-53.0	227.5	16.0	11.8	10.8	319.9	320.2	0.1	1.0	14.2	42.
18.4	57.5	5075.7	550.0	-1.9	-51.1	228.9	17.6	13.3	11.6	321.9	322.1	0.1	1.0	15.6	42.
19.7	59.5	5443.3	525.0	-4.6	-52.9	233.4	17.5	14.1	10.5	322.9	323.1	0.1	1.0	17.0	43.
21.2	59.7	5826.2	500.0	-6.0	-53.7	237.2	19.2	16.2	10.4	325.2	328.0	0.0	1.0	18.6	44.
22.9	63.0	6226.1	475.0	-8.0	-55.0	239.0	22.0	18.9	11.3	328.1	328.3	0.0	1.0	20.6	46.
26.7	66.4	6683.8	450.0	-11.0	-56.9	236.5	24.0	20.8	11.3	329.1	329.5	0.0	1.0	23.1	47.
26.4	67.9	7040.3	425.0	-13.3	-58.3	237.7	25.0	21.1	13.4	331.5	332.1	0.0	1.0	25.5	48.
29.3	71.4	7547.0	400.0	-13.3	-58.3	248.7	25.5	23.1	10.9	337.2	337.9	0.0	1.0	28.3	49.
33.0	77.0	8032.1	375.0	-16.2	-60.2	250.6	27.7	26.1	9.2	340.3	340.3	0.0	1.0	30.9	51.
32.0	80.9	8546.6	350.0	-20.7	-63.1	249.6	29.6	27.7	10.3	340.5	341.0	0.0	1.0	34.2	51.
34.2	85.0	9049.3	325.0	-25.6	-66.3	247.6	30.1	27.8	11.5	341.4	341.4	0.0	1.0	37.6	54.
34.5	85.0	9466.7	300.0	-28.9	-68.5	246.8	32.7	30.0	12.9	344.6	344.7	0.0	1.0	42.3	56.
35.7	91.4	10291.2	275.0	-34.8	-72.3	240.1	35.2	30.3	13.4	344.6	344.9	0.0	1.0	46.5	57.
43.9	95.0	10934.6	250.0	-39.9	-75.8	241.7	32.3	28.4	15.1	346.7	346.8	0.0	1.0	50.7	57.
43.1	103.0	11549.1	225.0	-45.3	-79.9	237.3	35.2	29.6	19.0	349.2	349.9	55.9	95.9	55.2	57.
45.3	109.3	12424.8	200.0	-51.4	-84.9	238.8	35.4	28.9	20.4	351.4	351.9	99.9	95.9	60.2	57.
48.0	114.2	13280.1	175.0	-58.5	-89.9	235.7	27.2	22.4	15.3	353.2	353.9	59.9	95.9	64.7	37.
51.0	123.3	14232.4	150.0	-65.9	-94.9	238.2	30.4	25.8	16.0	356.6	356.9	59.9	95.9	70.3	57.
56.7	127.3	15235.2	125.0	-71.0	-99.9	242.8	21.9	19.5	10.0	366.2	366.9	99.9	99.9	76.1	57.
59.5	135.3	16482.9	100.0	-71.7	-99.9	157.8	13.4	4.1	12.7	369.1	369.9	55.9	95.9	79.5	57.
63.5	144.5	18157.7	75.0	-65.6	-99.9	126.3	6.7	-7.0	5.2	435.2	435.9	55.9	99.9	81.3	57.
70.5	154.7	20733.6	50.0	-57.5	-99.9	113.5	9.9	-9.0	3.9	508.1	508.9	99.9	99.9	78.6	55.
82.7	165.3	25189.0	25.0	-44.7	-99.9	99.9	99.9	59.5	99.9	650.7	650.9	99.9	95.9	72.9	51.

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

STATION NO. 260
STEPHENVILLE, TEXAS
7 JUNE 1979
1705 GMT

157 23. 0

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DC M	E POT T DC M	MR WTD GM/KG	RM PCT	RANGE AZ KM	AZ DC
0-0	13-7	399-0	900-5	26-4	21-2	180-0	0-0	0-0	0-0	305-1	250-2	16-8	65-0	0-0	0-
00-9	93-9	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
00-9	99-9	99-9	99-9	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	11-7	496-6	503-0	26-8	20-4	199-7	4-0	11-3	104-4	304-4	287-6	16-1	67-9	0-3	12-
1-0	14-1	737-4	525-0	26-0	19-9	198-6	4-0	12-0	304-5	304-5	287-6	16-0	74-9	0-7	16-
7-1	14-5	972-9	573-0	22-5	20-4	202-3	5-4	13-2	304-7	305-5	350-5	17-0	87-7	1-5	18-
7-9	14-9	1218-4	675-0	21-0	19-7	213-2	8-1	12-4	305-6	308-1	348-1	15-7	66-0	2-2	23-
3-4	21-4	1472-8	650-0	24-6	-3-8	234-9	12-0	10-5	7-4	311-9	222-2	3-4	18-9	2-9	26-
4-7	21-8	1735-4	625-0	22-6	-1-9	237-6	12-6	10-6	6-7	312-5	223-0	3-5	16-7	3-5	32-
5-6	22-4	1946-7	600-0	19-9	-7-8	233-0	12-4	9-6	7-5	312-4	223-2	3-6	15-8	4-2	36-
6-4	22-8	2264-5	775-0	17-4	-5-4	229-1	12-3	9-2	6-2	312-2	222-4	3-3	20-3	4-9	36-
7-5	31-6	2547-2	750-0	15-2	-3-5	220-4	14-1	10-7	10-7	313-1	225-0	3-9	27-5	5-6	39-
9-5	34-2	2931-0	725-0	12-4	-0-4	213-5	14-5	8-0	12-1	313-1	228-0	5-1	40-6	6-4	38-
9-5	38-9	3121-0	703-0	10-0	-3-2	212-8	14-5	7-8	12-2	313-2	226-5	4-3	35-4	7-3	38-
13-6	39-7	3426-9	675-0	7-8	-43-7	217-3	13-2	8-0	10-5	314-4	314-9	0-1	1-2	6-2	37-
11-7	42-4	3736-4	650-0	5-7	-46-4	222-3	12-2	9-0	9-0	315-2	315-8	0-1	1-0	4-0	38-
12-8	45-3	4356-4	625-0	4-7	-47-0	231-5	12-1	5-5	7-5	317-6	318-2	0-1	1-0	9-8	38-
14-0	48-1	4387-0	600-0	2-2	-49-6	233-4	11-9	9-5	7-1	318-7	319-0	0-1	1-0	10-7	40-
15-7	51-0	4724-7	575-0	-0-4	-42-4	229-6	13-9	10-4	9-2	319-2	320-1	0-2	2-4	11-5	41-
15-3	53-1	5022-4	550-0	-2-7	-38-7	229-1	15-9	12-0	10-4	320-5	322-1	0-3	5-7	12-6	41-
17-6	57-0	5450-0	525-0	-3-9	-52-4	235-6	17-2	14-2	9-7	323-6	324-0	0-1	1-0	13-8	42-
19-7	63-4	5375-0	500-0	-4-5	-52-8	240-8	20-6	16-0	10-1	327-6	327-8	0-1	1-0	15-5	44-
23-4	67-6	6236-6	475-0	-7-4	-58-6	238-1	22-2	18-9	11-7	328-5	329-0	0-0	1-0	17-4	46-
22-3	67-0	6555-1	450-0	-5-8	-50-1	232-5	24-7	19-6	15-0	330-5	331-1	0-0	1-0	19-6	47-
23-4	71-4	7094-5	425-0	-11-0	-58-9	228-2	23-6	17-6	15-7	334-2	335-0	0-0	1-0	21-8	47-
25-4	73-0	7572-9	400-0	-13-2	-54-3	234-9	19-8	16-2	11-4	337-5	338-0	0-0	1-0	23-9	47-
27-3	77-7	8145-8	375-0	-17-4	-61-0	233-7	23-4	21-0	10-4	338-6	338-7	0-0	1-0	26-1	49-
24-9	81-4	8581-9	350-0	-21-3	-63-5	233-9	24-8	22-3	10-9	340-0	340-1	0-0	1-0	24-4	50-
33-6	84-5	9100-4	325-0	-26-1	-68-6	241-7	25-1	22-1	11-8	340-7	340-7	0-0	1-0	31-0	51-
32-5	83-7	9674-4	300-0	-30-0	-69-2	239-1	27-0	23-2	13-9	343-1	343-1	0-0	1-0	33-9	52-
34-6	91-0	10786-6	275-0	-35-1	-72-6	236-2	30-2	23-1	16-8	344-2	344-4	0-0	1-0	37-3	52-
37-8	93-8	10944-5	250-0	-40-5	-74-9	232-7	33-6	20-7	20-4	345-5	345-9	99-9	599-9	41-5	52-
39-0	103-0	11454-4	225-0	-45-9	-78-9	232-2	32-2	22-4	19-7	348-1	349-9	99-9	999-9	46-2	52-
41-2	109-3	12424-8	200-0	-51-5	-81-9	235-8	29-4	24-3	16-5	351-2	350-9	99-9	999-9	49-9	53-
44-8	115-0	13184-5	175-0	-57-9	-84-9	238-2	24-5	20-8	12-9	354-4	354-9	99-9	999-9	54-0	53-
46-6	121-3	14237-0	150-0	-64-2	-88-9	242-1	21-8	18-3	10-2	356-2	356-9	99-9	999-9	58-0	53-
49-9	124-3	15378-1	125-0	-71-3	-92-9	234-6	15-8	18-2	11-5	365-5	365-9	99-9	999-9	61-7	54-
53-4	134-3	16646-6	100-0	-73-3	-94-9	230-0	9-8	9-2	3-4	366-6	366-9	99-9	999-9	64-7	54-
57-7	145-3	19353-0	75-0	-67-3	-90-9	162-6	8-0	-2-4	7-6	431-6	431-6	99-9	999-9	66-4	54-
63-9	145-3	20604-9	50-0	-57-6	-84-9	114-0	10-0	-1-4	3-4	507-5	507-5	99-9	999-9	66-8	51-
74-3	163-3	25143-6	25-0	-47-2	-80-9	909-9	99-9	99-9	99-9	649-4	649-4	99-9	999-9	99-9	99-9

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

STATION NO. 260
STEPHENVILLE, TEXAS
7 JUNE 1970
2005 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG H	E POT Y CG K	HA BTD GA/KG	RM PCT	RANGE KM	AZ DG
0.0	11.9	399.0	960.0	30.9	23.3	190.0	7.7	1.3	7.6	307.8	359.8	19.1	64.0	0.0	0.
0.9	93.9	99.9	1000.0	99.9	52.9	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	13.0	493.1	650.0	29.6	22.4	177.4	12.5	-1.6	12.4	307.2	358.3	18.9	67.6	0.4	353.
1.2	14.3	731.6	925.0	27.7	22.4	177.4	11.2	-0.5	11.8	307.7	358.7	18.8	72.9	1.0	353.
2.4	16.7	978.9	920.0	25.6	22.1	186.5	11.2	1.3	11.1	307.5	359.4	19.0	81.1	1.7	357.
3.6	17.1	1223.0	920.0	23.1	21.6	192.9	10.7	2.4	10.4	307.8	359.1	18.9	91.1	2.4	1.
4.5	21.6	1476.4	850.0	21.0	20.9	202.5	10.7	4.1	9.9	308.2	359.0	18.7	100.4	3.1	4.
5.7	24.1	1735.3	825.0	18.8	19.7	220.1	11.7	7.5	9.0	308.4	351.5	15.7	93.9	3.8	9.
6.9	29.6	2000.6	800.0	16.2	18.6	237.0	14.2	12.2	7.9	311.6	340.4	10.2	57.7	4.6	16.
9.0	23.2	2273.4	775.0	17.5	19.9	236.6	14.3	11.9	7.9	312.7	337.5	8.7	53.3	5.3	24.
9.1	31.8	2522.8	750.0	14.9	18.5	232.4	13.3	10.5	6.1	312.6	334.7	7.6	53.0	6.1	29.
10.3	34.4	2839.1	725.0	12.6	16.2	228.3	11.4	8.5	7.6	313.2	332.7	6.7	52.5	7.0	31.
11.6	37.1	3132.8	700.0	11.1	-3.5	229.5	11.2	8.5	7.3	314.8	327.5	4.2	35.6	7.8	33.
12.7	39.9	3435.4	675.0	5.1	-4.4	227.3	11.5	6.7	6.0	315.4	327.3	3.8	35.6	8.6	35.
13.9	42.7	3746.7	650.0	6.7	-6.9	225.7	11.6	6.3	6.1	316.5	327.3	3.5	37.2	9.3	36.
15.3	45.4	4072.5	625.0	4.4	-9.4	231.8	11.2	6.8	6.9	317.2	326.8	3.0	35.7	10.1	37.
16.1	48.4	4398.3	600.0	1.9	-12.0	239.1	9.4	6.0	5.0	318.3	326.3	2.5	34.9	10.8	38.
17.5	51.3	4740.6	575.0	0.3	-15.4	237.5	9.5	6.0	5.1	320.4	326.8	2.0	29.6	11.5	39.
17.1	54.4	5096.2	550.0	-0.4	-41.0	236.0	13.6	11.7	7.3	323.6	324.2	0.2	2.2	12.5	41.
20.5	57.4	5467.6	525.0	-1.2	-40.5	247.7	17.0	15.1	7.8	327.0	327.5	0.1	1.7	13.8	42.
21.4	63.6	5854.6	500.0	-4.8	-52.4	243.2	18.7	16.7	6.4	328.3	326.5	0.1	1.0	15.1	45.
23.1	63.9	6256.0	475.0	-7.6	-58.7	238.6	19.5	16.6	10.2	328.6	326.8	0.0	1.0	16.5	46.
24.6	67.3	6674.8	450.0	-5.5	-53.9	233.3	21.2	17.5	12.1	331.4	331.5	0.0	1.0	14.3	47.
26.0	73.7	7116.7	425.0	-10.2	-59.4	231.8	21.2	16.7	13.1	335.2	336.0	0.0	1.0	23.0	48.
27.6	74.3	7580.5	400.0	-13.6	-59.6	231.0	23.3	16.1	14.7	337.2	337.4	0.0	1.0	22.1	46.
29.3	73.0	8067.1	375.0	-17.4	-61.0	229.7	23.4	17.8	15.1	338.2	338.7	0.0	1.0	24.6	48.
31.0	71.9	8579.8	350.0	-21.7	-63.5	232.3	21.9	17.3	13.4	339.4	339.7	0.0	1.0	26.9	48.
32.8	65.8	9120.8	325.0	-26.3	-69.0	230.3	22.1	17.0	14.1	340.4	340.4	0.0	2.8	29.3	49.
34.5	43.3	9695.0	300.0	-30.4	-53.8	229.1	23.4	17.7	15.3	342.2	342.6	0.1	6.3	31.6	49.
36.5	94.4	10306.8	275.0	-34.6	-57.8	229.6	27.3	20.5	18.1	345.0	345.3	0.1	7.4	34.3	49.
38.5	99.0	10965.9	250.0	-39.9	-57.7	227.4	31.3	23.1	21.2	346.6	347.0	0.1	12.8	38.2	49.
40.7	104.0	11676.6	225.0	-45.6	-59.9	228.7	28.3	21.2	18.7	348.7	349.8	99.9	999.9	42.1	49.
43.1	109.4	12450.4	200.0	-51.7	-59.9	234.7	24.0	19.6	13.9	350.5	349.9	99.9	999.9	45.7	47.
45.5	115.3	13306.9	175.0	-57.7	-61.9	234.0	20.9	16.9	12.3	350.7	349.8	99.9	999.9	49.1	49.
48.5	121.7	14262.4	150.0	-65.6	-69.9	244.5	21.9	19.7	9.4	357.1	349.8	99.9	999.9	52.7	50.
51.4	124.7	15353.8	125.0	-71.9	-59.9	231.5	19.8	14.8	11.0	364.7	349.5	99.9	999.9	56.1	51.
54.2	134.7	16662.2	100.0	-73.4	-59.9	231.8	12.9	10.2	6.0	369.6	349.9	99.9	999.9	59.6	50.
60.0	143.7	18162.5	75.0	-67.0	-62.9	165.0	6.7	-2.7	6.3	432.4	349.9	99.9	999.9	61.5	50.
67.1	159.7	20471.9	50.0	-59.1	-69.9	117.3	6.7	-7.7	4.0	504.4	349.9	99.9	999.9	60.7	47.
78.6	163.0	23355.6	25.0	-48.6	-69.6	84.1	11.9	-11.8	-1.2	644.6	349.9	99.9	999.9	56.4	41.

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

STATION NO. 260
STEPHENSVILLE, TEXAS

7 JUNE 1978
2300 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DBS PT DC C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT T DG K	HJ RTO GM/KG	PH PCT	RANGE KM	AZ DG
3.0	10.3	399.0	959.7	36.8	23.2	160.0	8.2	0.0	8.2	307.6	359.1	19.0	64.0	0.0	0.
9.9	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	11.2	490.4	950.0	29.9	22.9	163.5	12.5	0.6	12.9	307.6	358.6	18.8	64.3	0.5	35.
1.2	13.6	727.5	925.0	27.1	21.3	163.3	13.5	0.8	13.5	307.6	358.6	17.6	70.7	1.1	35.
2.2	16.1	971.2	900.0	25.0	20.7	162.8	14.0	0.7	14.0	307.6	358.6	17.4	77.0	1.9	1.
3.1	14.5	1218.6	875.0	22.3	20.2	166.4	13.0	1.5	13.0	307.6	358.6	17.3	87.8	2.7	1.
4.2	21.0	1471.2	850.0	21.5	17.8	206.1	11.2	4.9	10.0	308.7	350.7	15.3	79.6	3.4	4.
5.5	23.5	1731.1	825.0	21.8	17.8	206.1	11.2	4.9	10.0	308.7	350.7	15.3	79.6	3.4	4.
6.9	26.1	1980.0	800.0	20.5	16.9	237.6	7.5	5.5	5.1	313.0	336.8	9.0	47.3	4.5	15.
7.7	29.7	2271.4	775.0	17.9	7.2	237.7	7.4	5.9	4.4	313.0	336.8	8.3	45.6	4.9	17.
9.4	31.3	2551.1	750.0	15.2	5.9	239.5	7.8	6.7	4.0	313.1	335.6	7.8	53.8	5.2	20.
9.4	31.0	2917.5	725.0	15.9	4.4	243.9	7.5	6.8	3.3	313.4	335.6	7.3	56.2	5.5	23.
10.5	16.7	3131.3	700.0	16.2	2.0	252.4	7.4	7.0	2.2	313.8	332.3	6.3	56.6	5.8	26.
11.5	37.4	3433.1	675.0	7.8	0.4	262.0	7.2	7.1	1.0	314.2	331.9	5.9	59.2	6.1	29.
12.7	42.3	3743.4	650.0	5.7	-4.8	257.0	7.3	7.1	1.6	315.4	327.9	4.1	46.7	6.4	31.
13.9	45.1	4063.5	625.0	4.2	-5.8	247.0	8.8	7.8	4.1	317.2	320.3	4.0	48.1	6.9	35.
15.0	49.0	4395.5	600.0	3.5	-14.4	244.5	10.8	9.8	4.7	320.2	326.8	2.1	25.6	7.5	38.
16.3	51.0	4719.4	575.0	1.0	-20.6	249.1	12.6	11.7	4.5	321.2	325.4	1.7	18.0	8.3	41.
17.7	54.1	5095.3	550.0	-0.8	-28.3	248.6	14.0	13.0	5.1	323.2	325.5	0.7	10.2	9.3	44.
19.1	57.3	5488.0	525.0	-2.3	-34.9	249.7	14.2	13.6	5.0	323.7	327.8	0.4	6.0	10.4	47.
20.6	63.4	5951.4	500.0	-4.8	-45.0	249.5	14.7	13.7	5.1	327.2	328.6	0.4	7.2	11.6	49.
22.2	67.7	6252.0	475.0	-7.7	-59.1	249.3	14.7	16.9	6.1	328.4	329.5	0.3	6.6	13.0	52.
23.7	67.1	6670.8	450.0	-8.8	-69.4	239.2	24.6	19.2	11.9	330.9	331.8	0.3	6.8	14.9	53.
25.1	70.6	7110.2	425.0	-11.9	-80.6	229.7	24.0	16.3	19.5	333.7	334.7	0.3	7.0	17.2	53.
26.9	74.1	7571.4	400.0	-15.1	-87.6	223.6	22.2	15.3	16.1	335.4	336.3	0.2	7.3	19.4	52.
28.5	77.9	8056.6	375.0	-17.9	-94.5	221.4	22.3	14.7	16.7	337.6	338.6	0.2	7.6	21.6	51.
30.4	81.6	8567.9	350.0	-22.3	-97.4	221.5	22.1	14.6	16.6	338.6	339.2	0.1	8.1	24.0	50.
32.4	85.8	9107.0	325.0	-27.5	-90.4	221.6	22.8	15.1	17.0	338.6	339.2	0.1	9.1	26.6	49.
34.6	90.0	9677.1	300.0	-32.2	-81.9	219.2	24.9	15.7	19.3	340.1	340.5	0.1	11.9	29.7	48.
37.0	94.5	10249.6	275.0	-35.0	-61.7	222.7	24.1	17.7	19.2	344.4	345.7	0.3	40.3	33.5	47.
39.4	99.2	10980.0	250.0	-40.4	99.9	222.2	23.9	16.0	17.7	346.6	349.9	95.9	99.9	37.1	7.
41.9	104.2	11653.3	225.0	-44.0	99.9	223.1	24.6	17.4	17.3	348.6	349.8	99.0	99.9	40.7	47.
44.3	109.6	12430.3	200.0	-51.8	99.9	224.2	24.6	19.9	20.5	350.7	349.9	99.9	99.9	44.7	47.
47.2	115.5	13281.5	175.0	-58.5	99.9	223.8	24.6	17.8	17.8	353.4	349.9	99.9	99.9	49.2	46.
50.5	121.8	14236.0	150.0	-64.9	99.9	223.1	20.9	17.1	17.8	358.3	349.9	99.9	99.9	53.9	46.
54.4	128.0	15324.2	125.0	-72.4	99.9	223.7	18.7	11.5	15.0	363.4	349.9	99.9	99.9	58.2	47.
58.5	136.7	16635.2	100.0	-74.1	99.9	249.4	8.4	9.0	3.4	364.2	349.9	99.9	99.9	61.2	47.
64.2	145.5	18339.0	75.0	-67.1	99.9	209.3	6.3	3.1	5.5	432.2	349.9	99.9	99.9	62.5	47.
71.8	153.0	20836.7	50.0	-58.7	99.9	98.5	8.8	-8.7	1.3	482.2	349.9	99.9	99.9	61.3	44.
84.1	144.7	25335.8	25.0	-49.6	99.9	90.1	13.0	-13.0	0.0	642.4	349.9	99.9	99.9	56.1	38.

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UNCLASSIFIED
 1999/06/07 10:00 AM

STATION NO. 266
STEPHENVILLE, TEXAS

8 JUNE 1979
000 GMT

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TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DC K	MH RTO GM/KG	MH PCT	RANGE KM	AZ DG
0.0	10.8	399.0	960.4	28.6	24.4	180.0	4.1	0.0	4.1	305.3	360.1	20.5	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	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
0.2	11.7	496.5	950.0	27.5	24.6	171.9	13.1	-1.8	13.0	306.1	362.6	21.0	79.0	0.4	344.
1.1	16.1	734.2	925.0	26.7	23.3	172.0	16.3	-2.0	16.2	307.6	360.3	19.9	81.7	0.9	368.
2.1	16.5	977.1	900.0	26.0	22.9	180.5	16.2	0.1	16.2	307.6	361.0	20.0	89.8	1.9	351.
3.7	19.9	1224.8	875.0	22.4	21.8	183.1	16.9	0.9	16.9	307.6	358.9	19.2	96.6	2.9	356.
4.3	21.1	1478.0	850.0	21.0	19.6	189.0	16.3	2.6	16.1	308.1	355.1	17.2	91.8	4.1	359.
5.4	21.8	1737.0	825.0	20.4	12.8	195.2	16.6	2.8	16.3	310.2	342.1	11.4	62.0	5.0	1.
6.4	26.3	2003.5	800.0	20.5	8.9	205.3	6.2	3.5	7.4	313.1	338.8	9.0	47.0	5.5	3.
7.5	26.8	2277.0	775.0	18.3	6.8	213.0	6.2	3.5	5.3	313.8	336.7	8.1	47.1	5.9	5.
8.7	31.4	2557.2	750.0	16.6	6.5	218.7	4.9	3.1	3.8	313.6	337.0	8.1	54.4	6.2	7.
9.7	34.0	2844.0	725.0	13.3	6.4	230.2	4.4	3.4	2.8	314.1	338.1	8.3	62.7	6.4	8.
10.9	36.7	3134.5	700.0	11.0	3.6	246.6	3.7	2.4	1.5	314.6	335.4	7.1	60.4	6.7	10.
12.1	39.4	3416.6	675.0	9.4	1.1	258.9	2.6	2.6	0.5	316.5	334.5	6.2	56.1	6.7	12.
13.2	42.1	3753.9	650.0	7.7	-2.5	240.6	4.9	4.3	2.4	317.7	332.5	4.9	48.1	6.9	13.
14.6	45.2	4076.1	625.0	5.1	-6.0	242.9	7.1	6.3	3.2	318.2	330.3	3.9	44.5	7.2	16.
15.9	47.9	4409.0	600.0	3.6	-14.9	257.4	7.1	7.0	1.6	320.3	326.7	2.0	24.4	7.5	19.
17.2	50.8	4733.2	575.0	1.7	-14.6	245.5	9.2	8.3	3.8	322.0	328.9	2.2	28.7	7.9	23.
18.5	53.8	5110.1	550.0	0.0	-12.2	243.6	12.0	10.8	5.3	324.1	325.6	0.5	6.9	8.6	27.
19.9	56.9	5481.3	525.0	-1.7	-37.3	245.3	12.6	12.7	4.8	326.2	327.5	0.3	4.5	9.5	31.
21.4	60.0	5867.3	500.0	-4.4	-38.6	255.6	13.3	14.9	3.8	327.6	328.6	0.3	4.8	10.4	36.
22.9	63.3	6269.9	475.0	-6.7	-29.6	269.4	17.6	16.4	6.2	329.7	330.6	0.2	5.1	11.7	40.
24.5	66.5	6689.5	450.0	-9.7	-40.9	239.5	19.3	16.6	9.8	331.1	332.0	0.2	5.7	13.4	43.
26.4	70.0	7127.9	425.0	-12.0	-36.9	230.0	20.3	15.6	13.0	332.6	334.7	0.3	6.5	15.5	45.
29.2	73.6	7589.5	400.0	-15.0	-42.5	219.5	21.5	13.7	16.6	335.9	336.3	0.2	7.6	17.8	45.
30.2	77.2	8073.9	375.0	-19.0	-41.4	213.5	21.1	11.7	17.6	338.2	337.5	0.3	11.9	19.9	44.
31.4	81.0	8584.1	350.0	-22.7	-37.0	213.2	22.1	12.1	18.5	338.1	339.8	0.4	25.4	22.4	43.
34.0	85.0	9174.5	325.0	-26.3	-35.5	213.1	21.7	11.9	18.2	340.4	342.5	0.6	41.3	25.2	42.
36.0	89.2	9698.8	300.0	-30.9	-27.3	210.6	21.1	12.7	21.6	342.2	344.3	0.5	51.2	27.9	41.
38.1	93.3	10311.4	275.0	-35.1	-43.1	212.2	21.7	12.7	20.1	344.3	345.5	0.3	43.7	31.0	40.
40.4	97.0	10968.5	250.0	-40.2	49.9	212.0	22.3	11.8	18.9	346.4	349.5	0.9	95.9	34.1	39.
42.9	103.0	11678.5	225.0	-45.2	49.9	216.9	25.5	15.3	20.4	347.7	349.8	0.9	99.9	37.6	38.
45.5	108.4	12450.8	200.0	-53.0	49.9	214.3	28.1	16.4	23.1	348.8	349.9	0.9	99.9	41.8	38.
48.5	114.2	13300.3	175.0	-55.0	49.9	213.2	28.7	15.7	24.0	352.8	349.9	0.9	99.9	47.2	38.
51.6	120.5	14256.1	150.0	-65.0	49.9	222.7	18.9	10.1	11.0	358.8	349.9	0.9	99.9	51.5	38.
54.8	127.3	15365.4	125.0	-73.5	49.9	219.7	18.4	10.5	12.6	363.7	349.9	0.9	99.9	57.1	38.
58.4	135.3	16650.0	100.0	-73.5	49.9	210.1	5.5	4.8	9.2	365.3	349.8	0.9	99.9	57.1	38.
62.7	144.3	18366.9	75.0	-65.4	49.9	147.1	7.3	-4.1	6.3	367.4	349.8	0.9	99.9	58.2	37.
70.0	154.7	20830.9	50.0	-57.8	49.9	56.8	18.1	-10.0	1.2	367.2	349.9	0.9	99.9	57.3	36.
82.6	165.0	25304.7	25.0	-45.2	49.9	999.9	99.9	99.9	99.9	643.3	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS
8 JUNE 1979
05 GMT

101 10. 0

TIME MIN	CNCT	WEIGHT GPM	PRES WB	TEMP DC C	DEB PT DC C	DIR DU	SPFRD M/SEC	J-COMP M/SEC	V-COMP M/SEC	POT T DC K	E-POT T DC K	MP-RTO CM/KG	MM PCY	RANGE KM	AZ DC
0.0	9.5	399.0	962.2	24.4	23.4	190.0	6.2	1.1	6.1	300.5	351.3	19.2	96.0	0.0	0.
99.9	99.9	99.9	1070.0	94.9	99.9	97.9	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	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.7	511.6	650.0	24.3	24.1	155.7	11.6	3.1	11.1	301.5	355.4	20.3	99.7	3.3	364.
1.3	13.1	743.6	625.0	22.1	22.1	189.1	14.3	2.3	14.2	301.5	370.7	17.4	103.4	0.9	3.
7.1	15.4	984.3	633.0	20.8	20.7	192.7	17.7	3.7	16.3	307.5	369.4	17.4	96.9	1.6	6.
3.1	17.4	1229.0	675.0	20.5	19.6	159.9	15.3	5.0	14.5	305.1	350.0	16.7	96.9	2.7	10.
4.4	23.5	1491.4	650.0	22.1	15.7	101.5	15.3	3.2	15.6	309.2	366.2	13.3	67.1	3.7	12.
5.5	23.0	1740.6	625.0	20.2	12.2	188.6	17.1	2.0	13.2	310.0	340.4	10.9	97.9	4.8	11.
6.7	25.6	2036.3	600.0	20.1	1.9	192.9	9.0	2.0	8.7	312.4	326.7	9.5	25.8	5.5	11.
7.9	25.2	2279.7	775.0	18.2	-3.5	167.4	8.5	2.7	8.5	313.2	327.2	4.8	28.1	6.1	11.
3.3	33.4	2550.1	750.0	16.9	-4.4	205.9	8.3	3.8	7.4	318.2	325.7	3.7	23.6	6.8	12.
13.1	33.6	2946.6	725.0	15.0	-7.3	222.2	4.7	2.8	3.1	315.5	325.4	3.1	21.1	7.2	13.
11.1	36.3	3142.3	700.0	13.0	-5.2	216.2	3.4	2.5	1.9	316.5	329.3	3.7	27.7	7.3	15.
12.4	39.1	3446.3	675.0	10.4	-9.0	221.8	5.1	3.4	3.8	317.2	326.8	3.1	26.4	7.6	16.
13.6	41.9	3759.0	650.0	8.1	-9.9	217.1	6.5	3.9	5.1	318.2	326.8	2.8	26.5	7.9	17.
14.9	44.9	4081.0	625.0	5.1	-14.1	215.4	6.5	3.9	6.4	318.3	324.9	2.1	23.4	7.5	18.
16.3	47.4	4413.0	600.0	3.3	-20.8	229.6	9.7	6.9	6.7	320.0	324.0	1.2	15.0	9.2	20.
17.7	50.4	4757.4	575.0	2.3	-43.5	226.6	10.7	6.2	7.0	322.7	323.0	0.1	1.0	10.0	23.
19.2	53.4	5114.2	550.0	-0.1	-43.0	224.2	12.6	8.8	9.0	323.9	324.2	0.1	1.0	10.9	25.
20.4	57.0	5484.8	525.0	-2.5	-41.5	220.8	11.0	7.2	8.4	325.4	325.6	0.1	1.0	11.8	26.
21.6	63.1	5870.1	500.0	-4.9	-44.4	215.7	8.5	9.7	6.8	327.1	327.6	0.1	2.7	12.4	27.
23.4	63.6	6370.7	475.0	-6.3	-35.8	216.6	8.9	5.3	7.1	327.7	329.1	0.4	8.9	13.4	28.
25.0	67.0	6672.7	450.0	-11.4	-41.2	215.9	9.3	9.4	7.5	328.5	329.7	0.2	6.4	14.1	24.
26.6	73.4	7124.0	425.0	-14.4	-49.8	209.4	14.1	6.9	12.3	330.2	337.3	2.0	69.6	15.3	29.
28.1	74.0	7581.1	400.0	-17.4	-47.5	212.6	15.3	10.4	16.2	332.4	340.4	2.4	99.6	17.0	29.
30.1	77.7	8062.3	375.0	-21.1	-41.3	213.9	19.7	11.0	16.3	333.7	319.9	1.9	98.2	19.4	24.
32.1	81.6	8569.7	350.0	-25.6	-27.2	207.3	21.7	10.0	19.3	336.5	341.1	1.2	72.2	21.8	30.
34.2	85.7	9107.9	325.0	-27.1	-45.7	198.3	23.9	7.5	22.7	339.2	340.8	0.2	15.1	24.5	24.
36.1	89.8	9690.2	300.0	-31.1	-47.3	195.0	24.2	6.3	23.3	341.0	347.6	0.3	27.3	27.2	24.
38.3	93.3	10292.4	275.0	-34.4	-47.3	195.5	22.1	7.3	22.8	341.0	344.8	0.2	28.2	30.1	26.
40.5	99.0	10949.0	250.0	-40.4	59.9	203.7	22.1	9.3	21.1	346.0	399.9	96.9	99.9	33.3	26.
43.0	104.0	11656.7	225.0	-45.5	59.9	207.7	25.3	11.7	22.4	347.2	999.9	96.9	99.9	36.9	20.
45.4	108.0	12427.3	200.0	-52.8	59.9	215.8	28.1	16.4	22.8	349.2	999.9	96.9	99.9	41.4	27.
49.5	115.3	13278.9	175.0	-57.4	99.9	206.7	21.5	9.7	19.2	359.2	999.9	96.9	99.9	45.7	27.
51.5	121.7	14235.4	150.0	-65.1	59.9	193.9	15.1	4.6	18.5	358.6	949.6	96.9	99.9	43.1	26.
53.4	126.7	15229.9	125.0	-72.4	59.9	187.0	16.3	9.8	13.0	363.6	999.9	96.9	99.9	53.2	26.
56.3	136.7	16427.3	100.0	-76.4	59.9	182.9	7.3	0.4	7.3	380.1	999.9	96.9	99.9	57.5	25.
64.9	145.7	18170.1	75.0	-64.7	99.9	130.5	6.4	-6.4	5.9	437.3	999.9	96.9	99.9	56.6	22.
72.9	155.5	20414.8	50.0	-58.3	99.9	87.6	10.3	-10.3	-0.4	506.2	999.9	96.9	99.9	54.2	12.
86.2	163.7	23284.7	25.0	-52.1	69.4	69.0	18.3	-18.3	-0.6	635.3	999.9	96.9	99.9	53.2	12.

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

STATION NO. 268
STEPHENVILLE, TEXAS
9 JUNE 1979
1105 GMT

104 10. 0

TIME MIN	CHTCT	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 8 DG K	E POT 7 DG K	PK RTO GM/KG	PK PCT	RANGE KM	AZ DG
0.0	11.3	398.0	963.3	24.0	23.0	180.0	7.7	0.0	7.7	300.4	352.1	19.7	99.0	0.0	0.
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	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	17.5	521.1	950.0	22.0	21.1	181.5	5.7	0.3	9.7	300.2	347.5	17.9	96.1	0.0	308.
1.3	18.9	758.3	925.0	21.7	21.7	184.2	14.5	1.1	14.5	301.2	349.1	18.0	101.0	0.9	356.
2.7	17.3	992.9	900.0	20.3	20.3	183.4	16.2	3.0	15.0	302.4	347.4	16.9	100.7	1.9	2.
3.1	19.6	1237.3	875.0	19.9	20.2	182.6	12.6	0.0	14.4	304.2	350.2	17.0	100.7	2.7	7.
4.0	2.2	1437.9	850.0	18.1	18.0	207.9	7.1	7.1	13.3	305.2	347.1	15.5	99.4	3.5	14.
5.0	2.5	1744.5	825.0	17.1	17.0	209.7	15.3	7.6	13.3	306.2	347.5	15.0	99.8	4.3	15.
9.9	2.3	2007.9	800.0	16.2	9.7	211.2	12.1	6.3	10.4	310.2	339.0	10.1	61.7	5.1	17.
7.0	2.9	2270.6	775.0	15.3	-37.4	204.0	8.5	3.6	7.7	313.2	318.2	0.2	1.3	5.7	19.
6.2	3.2	2559.2	750.0	14.2	-38.4	205.1	9.3	3.9	6.4	315.3	315.2	0.2	1.0	6.4	19.
6.3	3.2	2866.5	725.0	15.0	-40.7	201.1	6.0	2.5	6.4	316.2	318.5	0.1	1.0	6.9	20.
10.4	3.0	3141.7	700.0	12.5	-42.3	200.8	7.1	2.5	6.6	316.2	318.0	0.1	1.0	7.3	20.
11.5	4.7	3445.6	675.0	11.4	-42.9	215.7	6.0	4.7	6.5	318.4	318.9	0.1	1.0	7.8	20.
12.6	4.1	3750.6	650.0	6.6	-44.6	223.7	9.0	6.6	7.1	318.7	319.1	0.1	1.0	8.4	22.
13.7	4.4	4041.2	625.0	4.9	-45.7	221.4	10.2	7.0	7.9	320.2	320.7	0.1	1.0	9.0	23.
15.0	4.9	4314.2	600.0	3.6	-47.2	218.1	10.4	5.6	6.6	320.2	320.6	0.1	1.0	9.0	24.
16.4	5.4	4757.6	575.0	1.1	-48.2	212.7	9.8	5.3	6.2	321.2	321.6	0.1	1.0	10.6	25.
17.8	5.4	5113.3	550.0	-1.0	-50.6	203.3	4.6	4.6	6.6	322.9	323.1	0.1	1.0	11.4	26.
19.1	5.9	5482.7	525.0	-3.0	-51.9	192.2	9.3	2.0	9.1	324.2	325.3	0.1	1.0	12.3	25.
20.7	6.1	5967.1	500.0	-7.0	-53.1	189.7	6.9	1.5	6.0	326.6	327.1	0.1	1.0	13.0	24.
21.9	6.0	6267.4	475.0	-8.6	-53.3	184.1	6.6	1.2	8.5	327.4	327.5	0.0	1.0	13.7	24.
23.1	6.4	6613.6	450.0	-12.5	-52.5	181.1	10.0	1.9	9.8	327.4	330.3	0.0	1.0	14.3	23.
24.8	7.1	7120.6	425.0	-12.2	-52.1	183.8	13.5	4.4	12.8	322.8	341.9	3.0	92.9	15.4	22.
26.4	7.4	7579.7	400.0	-16.6	-50.0	193.0	14.2	4.6	13.5	332.4	341.9	2.6	95.1	16.7	22.
29.0	7.1	8362.1	375.0	-20.2	-50.0	201.9	17.7	6.6	16.4	334.9	341.5	1.9	94.8	18.2	22.
28.6	7.0	8569.7	350.0	-24.3	-50.4	201.1	17.2	7.3	15.6	336.2	340.4	1.3	86.1	19.9	22.
31.3	8.0	9106.2	325.0	-28.3	-50.9	212.9	18.2	9.9	15.3	337.7	341.2	1.0	86.1	21.7	23.
33.2	9.1	9676.2	300.0	-31.5	-54.8	207.2	21.6	9.9	19.2	341.0	343.4	0.7	72.3	23.9	24.
35.5	9.5	10287.5	275.0	-35.7	-51.5	201.1	22.3	8.0	20.8	343.2	344.0	0.1	18.2	27.0	23.
36.0	10.2	10943.4	250.0	-40.7	99.9	207.2	22.2	10.2	19.7	345.2	344.0	0.1	99.9	30.3	23.
40.4	10.5	11650.7	225.0	-46.3	99.9	209.6	24.0	11.8	20.8	347.6	344.0	0.1	99.9	33.8	24.
43.4	11.3	12421.0	200.0	-52.4	99.9	217.7	27.6	16.9	21.9	349.7	344.0	0.1	99.9	38.2	25.
46.4	11.6	13274.4	175.0	-57.3	99.9	209.0	18.4	15.0	16.3	353.3	344.0	0.1	99.9	43.0	27.
50.4	12.3	14230.9	150.0	-64.9	99.9	189.3	19.3	3.1	19.0	358.3	344.0	0.1	99.9	46.4	26.
53.9	12.3	15124.0	125.0	-71.3	99.9	208.0	14.2	6.7	12.6	363.5	344.0	0.1	99.9	50.6	25.
56.3	13.0	16229.9	100.0	-75.0	99.9	177.0	12.1	-0.6	12.1	362.5	344.0	0.1	99.9	52.7	24.
64.2	14.6	18121.0	75.0	-88.4	99.9	137.1	6.7	-5.9	6.3	429.2	344.0	0.1	99.9	56.5	23.
72.0	15.5	20409.9	50.0	-98.1	99.9	91.8	12.0	-12.0	0.8	508.2	344.0	0.1	99.9	55.0	18.
85.2	149.0	25306.9	25.0	-88.5	99.9	70.0	13.1	-12.9	-2.9	645.3	344.0	0.1	99.9	51.6	8.

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

STATION NO. 281
DEL RIO, TEXAS
7 JUNE 1979
1100 GMT

TIME MIN	CHCT	WEIGHT GPM	PRFS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG K	WJ RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	0.7	310.0	908.0	21.6	19.9	110.0	3.6	-3.4	1.2	297.4	337.4	15.3	90.0	0.0	0.
00.9	09.9	99.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	55.9	999.9	999.9	999.9
01.7	17.5	469.6	553.0	23.8	20.3	159.9	10.4	-3.6	9.8	301.2	362.9	16.0	81.1	0.3	315.
1.6	12.7	719.8	525.0	23.0	17.7	181.7	10.7	0.3	10.7	303.4	365.9	15.9	79.0	0.9	316.
2.6	15.1	958.6	920.0	21.9	20.0	189.7	13.3	2.0	13.2	304.1	368.0	16.7	89.2	1.5	352.
3.6	17.4	1235.5	875.0	21.4	21.0	191.3	12.8	2.5	12.5	306.1	375.1	18.2	67.4	2.3	358.
4.7	19.4	1454.2	850.0	21.7	15.4	190.8	11.5	2.1	11.1	308.5	380.8	13.6	69.0	3.1	1.
5.7	21.2	1715.2	825.0	21.6	13.0	204.8	9.1	3.8	8.2	311.4	383.8	11.5	56.2	3.7	3.
6.8	24.7	1984.8	800.0	15.0	11.5	233.3	6.3	4.8	6.2	312.3	382.8	10.8	58.8	4.1	7.
7.3	27.2	2257.9	775.0	12.6	9.4	235.6	6.2	9.1	3.5	312.8	380.2	9.6	58.4	4.4	11.
9.0	29.7	2537.6	750.0	15.1	7.1	233.2	5.8	4.6	3.5	313.6	377.4	8.5	58.5	4.7	15.
10.1	32.3	2810.0	725.0	12.8	5.2	232.2	6.4	9.1	3.2	313.2	375.7	7.7	60.0	5.0	17.
11.3	34.9	3117.6	700.0	10.8	3.9	241.9	7.7	6.8	3.6	313.6	378.8	7.3	65.5	5.4	20.
12.5	37.6	3419.4	675.0	7.7	1.6	247.1	10.7	9.8	4.1	316.2	373.1	6.4	65.3	5.8	25.
13.6	40.3	3720.9	650.0	6.9	-12.6	246.4	13.3	12.2	5.3	316.2	373.9	2.3	23.8	6.2	30.
14.9	43.1	4050.4	625.0	4.0	-8.6	250.0	13.9	13.1	4.8	317.8	376.8	3.2	39.3	7.4	35.
16.1	45.9	4390.7	600.0	1.6	-13.7	246.5	14.5	13.1	5.7	318.6	378.7	2.8	39.4	8.2	39.
17.4	48.8	4722.4	575.0	-0.6	-16.4	235.4	13.7	11.2	7.7	319.2	375.2	1.9	29.3	9.2	42.
19.9	51.9	5075.0	550.0	-1.5	-35.0	236.2	15.7	12.7	9.2	322.3	372.7	0.4	6.4	10.5	43.
20.2	54.4	5445.4	525.0	-3.7	-33.1	234.7	16.7	14.3	6.7	324.6	374.4	0.1	2.3	11.7	46.
21.4	57.3	5779.1	500.0	-5.9	-46.2	237.7	17.2	14.5	9.2	325.8	376.3	0.1	2.4	13.3	48.
22.9	61.1	6229.0	475.0	-7.6	-51.9	238.9	18.5	15.8	9.5	328.6	378.8	0.1	1.1	14.5	47.
24.4	64.4	6646.4	450.0	-10.9	-57.3	240.6	18.7	16.3	9.2	329.5	370.0	0.1	3.2	16.3	49.
26.4	67.9	7083.9	425.0	-13.1	-57.9	238.9	17.5	15.0	9.1	332.1	372.3	0.0	1.0	19.2	50.
28.1	71.4	7545.6	400.0	-14.4	-57.6	236.5	20.9	17.5	11.5	336.2	376.4	0.0	1.2	20.1	51.
29.7	75.0	8031.2	375.0	-16.0	-57.3	233.1	22.2	17.8	13.4	337.7	377.9	0.0	1.7	22.2	51.
31.7	78.4	8543.3	350.0	-22.8	-57.8	233.6	22.4	18.0	13.3	339.1	379.2	0.0	2.2	24.9	51.
33.7	82.4	9023.1	325.0	-26.5	-54.6	227.7	24.2	17.9	16.3	340.1	380.4	0.1	5.1	27.7	51.
35.9	87.0	9658.6	300.0	-30.5	-53.4	228.9	24.8	18.7	16.3	342.5	378.8	0.1	8.5	30.9	51.
39.3	91.3	10268.9	275.0	-36.0	-55.7	230.4	26.8	20.7	17.1	343.1	383.4	0.1	11.0	34.5	51.
43.4	95.8	10923.3	250.0	-40.8	-60.9	220.2	28.4	18.4	21.7	345.4	389.8	95.9	999.9	38.1	50.
43.0	100.8	11633.5	225.0	-45.8	-65.9	209.1	26.8	12.5	23.5	348.2	399.9	99.9	999.9	42.2	47.
45.9	106.0	12400.6	200.0	-52.3	-69.9	213.1	27.6	19.1	23.1	350.6	399.9	99.9	999.9	46.6	47.
49.1	111.5	13258.5	175.0	-58.3	-69.9	224.6	26.5	18.9	18.9	353.7	399.9	99.9	999.9	51.9	48.
52.3	117.0	14210.4	150.0	-66.0	-69.9	237.7	21.5	18.2	11.5	356.4	399.9	99.9	999.9	54.3	48.
56.0	124.5	15301.6	125.0	-72.0	-69.9	240.1	14.4	12.5	7.2	364.7	399.9	95.9	999.9	60.1	47.
60.2	131.0	16600.0	100.0	-73.3	-69.9	213.6	11.6	6.4	9.6	365.6	399.9	95.9	999.9	63.1	47.
64.5	137.3	18293.5	75.0	-68.9	-69.9	133.7	7.7	-5.8	5.3	424.6	399.9	95.9	999.9	65.0	48.
72.9	149.3	20786.0	50.0	-57.9	-69.9	104.3	9.7	-9.8	2.3	507.2	399.9	99.9	999.9	63.2	48.
85.1	159.3	25290.0	25.0	-48.1	-69.9	95.6	15.7	-15.6	1.5	646.2	399.9	99.9	999.9	58.8	34.

0 MV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 HV TEMP MEANS TEMPERATURE CB TIME HAVE BEEN INTERPOLATED
 00 MV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 281
 DEL. A.C. TEXAS
 7 JUN 1979
 19.3 GMT

TIME MIN	CHTCY	HEIGHT GPH	PRCS MB	TEMP DEG C	WIND DIR DEG	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	MIX RTO GPHKG	RM PCT	RANGE KM	AI DG
0.0	0.0	3140.0	970.5	74.7	1.0	0.0	6.7	-5.1	4.3	302.4	17.0	77.0	0.0	0.0
00.9	0.0	99.9	1000.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	975.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	950.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	925.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	900.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	875.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	850.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	825.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	800.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	775.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	750.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	725.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	700.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	675.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	650.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	625.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	600.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	575.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	550.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	525.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	500.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	475.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	450.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	425.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	400.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	375.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	350.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	325.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	300.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	275.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	250.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	225.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	200.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	175.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	150.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	125.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	100.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	75.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	50.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	0.0	99.9	25.0	90.0	0.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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

STATION NO. 261
DEL RIO, TEXAS

7 JUNE 1979
1705 GMT

183 10. 0

TIME M.S.	CNTCT	WEIGHT GPM	PRES %B	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE R	E POT V DE S	MF RTD CM/SEC	RM PCF	RANGE KM	AZ DG
0.0	0.1	314.0	970.7	27.6	23.4	150.0	6.7	-3.4	5.0	303.2	354.2	19.0	77.0	0.0	0.
0.9	00.9	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	9.7	503.4	950.0	55.9	69.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.2	11.7	740.1	925.0	25.2	22.8	148.3	7.2	-3.0	6.2	302.4	352.6	18.8	86.6	0.3	329.
2.0	13.7	980.0	900.0	22.0	22.0	150.4	7.0	-3.7	6.6	307.2	351.4	18.4	95.8	0.6	328.
2.5	15.7	1227.2	875.0	23.3	23.3	171.5	7	-1.1	6.6	305.7	351.2	18.9	83.7	0.9	332.
3.7	17.9	1480.6	850.0	23.6	17.3	191.3	1.1	2.1	9.0	308.3	347.9	14.4	68.1	1.4	343.
4.7	19.9	1740.8	825.0	22.5	16.2	204.5	4.2	3.8	8.4	309.6	345.1	12.7	62.3	1.6	353.
5.6	22.0	2007.0	800.0	22.1	12.1	224.5	2.7	4.0	8.0	311.8	343.6	11.2	55.1	2.2	0.
6.6	24.3	2281.5	775.0	20.8	9.2	237.6	3.1	3.1	2.0	313.3	337.9	8.6	44.3	2.3	5.
7.6	26.5	2561.3	750.0	18.4	9.2	235.8	3.1	2.2	1.7	313.4	333.1	6.7	39.2	2.4	9.
8.6	28.7	2847.9	725.0	15.7	2.8	240.3	3.0	2.6	1.5	313.4	332.0	6.3	42.0	2.6	11.
9.7	31.1	3142.7	700.0	13.4	0.3	250.7	4.5	4.2	1.5	314.1	330.1	5.4	40.7	2.7	15.
10.9	33.5	3443.4	675.0	11.5	-2.5	261.7	6.5	6.4	0.9	315.2	328.9	4.6	37.5	2.9	21.
12.0	36.0	3757.4	650.0	9.9	-4.4	264.1	8.3	8.2	1.0	316.7	329.0	4.1	36.0	3.1	29.
13.1	38.4	4079.2	625.0	7.3	-5.1	265.9	11.5	11.5	1.1	317.2	329.3	4.0	34.0	3.2	40.
14.3	41.2	4410.6	600.0	2.0	-3.7	264.9	12.2	12.1	1.1	317.2	331.0	4.7	34.0	3.2	48.
15.4	43.9	4752.7	575.0	-0.6	-7.8	248.4	11.8	11.0	4.3	319.3	330.7	3.7	30.2	3.0	55.
16.8	46.7	5107.5	550.0	-2.0	-15.6	239.4	11.7	10.0	5.9	321.7	328.3	2.1	34.4	3.0	57.
18.2	49.6	5476.6	525.0	-2.2	-15.6	230.9	12.6	10.0	8.1	324.6	326.9	0.7	34.4	3.0	56.
19.4	52.5	5860.8	500.0	-5.9	-29.2	233.3	15.0	12.0	8.9	327.6	326.7	0.2	4.1	3.0	55.
20.7	55.6	6260.6	475.0	-8.2	-42.6	228.8	15.7	11.8	10.3	327.6	328.5	0.2	4.1	3.0	54.
22.2	58.9	6677.8	450.0	-10.7	-47.5	221.4	17.6	11.6	13.2	329.2	330.6	0.2	5.0	3.0	52.
23.6	62.1	7116.9	425.0	-12.9	-47.5	215.0	18.9	11.1	15.4	332.5	332.9	0.1	3.4	3.0	52.
25.0	65.7	7578.0	400.0	-14.7	-48.3	212.7	18.2	10.1	15.7	335.2	336.3	0.1	3.0	3.0	50.
27.1	69.3	8061.6	375.0	-17.7	-51.0	206.0	17.8	8.0	15.8	338.3	338.5	0.1	3.0	3.0	48.
29.1	73.0	8573.3	350.0	-22.1	-51.9	210.5	19.3	9.8	16.6	339.6	339.6	0.1	4.7	3.0	45.
31.4	77.2	9112.3	325.0	-27.0	-53.6	207.0	19.5	6.9	17.4	339.6	342.1	0.1	6.0	3.0	44.
33.7	81.5	9682.7	300.0	-31.1	-55.8	203.3	24.2	9.4	22.3	341.6	344.2	0.2	21.4	3.0	42.
37.1	86.8	10247.3	275.0	-34.1	-47.0	211.1	25.7	13.2	22.0	348.6	346.5	0.2	25.5	3.0	40.
39.4	91.0	10936.3	250.0	-40.1	-59.9	212.2	25.8	13.8	21.9	348.4	349.9	0.2	25.5	3.0	39.
41.7	95.4	11667.1	225.0	-44.8	-59.0	206.5	23.3	10.4	20.9	348.4	349.9	0.2	25.5	3.0	38.
44.3	101.6	12439.9	200.0	-52.6	-59.9	204.7	23.4	9.8	21.3	348.4	349.9	0.2	25.5	3.0	37.
46.3	107.2	13195.6	175.0	-57.1	-59.9	203.3	23.3	9.9	21.0	348.4	349.9	0.2	25.5	3.0	36.
48.5	114.0	14252.5	150.0	-64.8	-59.0	218.6	18.3	11.4	14.3	359.1	355.9	0.2	25.5	3.0	34.
51.0	121.0	15354.6	125.0	-72.1	-59.9	210.3	14.7	7.4	12.7	364.4	368.0	0.2	25.5	3.0	34.
53.1	128.7	16644.7	100.0	-72.8	-59.9	203.3	12.1	4.3	11.1	368.4	368.0	0.2	25.5	3.0	34.
55.2	137.0	18142.3	75.0	-68.4	-59.9	141.8	8.0	-0.9	6.2	424.2	424.2	0.2	25.5	3.0	34.
62.5	145.7	20334.5	50.0	-55.4	-59.9	111.7	10.8	-10.0	4.0	803.7	803.7	0.2	25.5	3.0	29.
70.0	154.7	23315.7	25.0	-68.0	-59.9	104.2	14.3	-10.0	4.0	803.7	803.7	0.2	25.5	3.0	28.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS
7 JUNE 1979
2005 GMT

193 11. 0

TIME MIN	CNTCT	WIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T UG K	42 RTO CM/SG	RH PCT	RANGE KM	AZ DG
0.0	3.8	314.0	969.7	21.1	23.5	150.0	6.7	-3.4	5.0	306.5	358.7	19.2	64.0	0.0	0.
99.9	96.9	99.9	1000.0	99.9	59.9	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	99.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	11.6	498.0	950.0	20.2	22.8	149.6	5.8	-4.9	0.4	305.2	256.3	18.7	72.5	0.4	329.
1.4	13.5	735.3	925.0	26.4	22.2	148.0	9.4	-5.4	7.7	306.4	356.4	18.6	77.6	0.8	329.
2.3	15.6	977.5	900.0	24.1	21.0	140.5	8.5	-5.4	6.6	306.4	356.3	17.7	82.6	1.3	326.
3.1	17.8	1224.2	875.0	21.6	20.3	147.1	7.3	-4.1	7.3	308.2	353.4	17.5	82.7	1.7	325.
4.1	20.1	1476.4	850.0	21.5	16.0	163.3	3.9	0.3	7.5	308.7	346.3	13.6	70.8	2.1	327.
5.0	22.3	1736.8	825.0	22.6	8.5	259.2	1.6	1.5	0.4	212.2	330.9	8.5	40.6	2.1	329.
6.0	24.5	2003.8	807.0	20.5	3.0	231.6	2.5	2.0	1.5	213.7	331.8	7.0	36.4	2.0	331.
6.9	26.8	2276.8	775.0	18.5	0.7	280.4	4.5	4.4	-0.8	314.4	330.5	5.4	31.9	2.0	339.
8.0	29.2	2577.1	750.0	16.6	-2.4	298.5	7.9	7.1	-3.5	315.2	328.6	4.5	31.5	1.8	347.
8.9	31.5	2844.6	725.0	14.4	-7.4	289.5	5.1	6.6	-2.9	316.4	328.2	3.9	29.6	1.5	5.
10.0	33.9	3140.0	700.0	12.6	-14.7	279.3	6.4	8.4	2.0	317.5	333.4	5.1	47.9	1.6	27.
11.1	36.4	3444.5	675.0	10.5	-11.6	270.3	9.9	9.5	2.0	318.5	333.4	5.1	47.7	2.0	42.
12.7	38.9	3747.5	650.0	7.9	-1.9	253.4	11.8	11.4	3.1	318.6	330.1	3.7	40.8	2.6	48.
13.3	41.3	4079.0	625.0	5.5	-6.8	253.9	10.8	10.5	2.7	319.1	330.1	3.0	50.3	3.4	55.
14.5	43.9	4411.9	600.0	2.5	-6.7	253.3	9.9	8.8	4.6	320.7	328.6	2.8	40.5	4.0	58.
15.6	46.6	4755.2	575.0	0.6	-11.3	248.5	9.9	8.8	4.6	320.7	328.6	2.8	40.5	4.0	58.
16.4	49.2	5110.3	550.0	-2.2	-15.3	231.7	11.4	8.9	7.0	321.2	328.3	2.1	36.2	4.8	59.
19.2	54.9	5962.5	500.0	-5.8	-30.9	226.6	11.4	8.3	7.8	324.1	326.0	0.5	9.9	5.6	56.
22.1	57.7	6262.8	475.0	-7.9	-32.8	213.5	15.6	8.6	10.3	326.2	327.7	0.5	9.6	6.5	54.
23.0	57.7	6262.8	475.0	-10.4	-32.9	211.0	15.5	10.1	16.7	330.2	332.1	0.5	13.7	9.0	49.
23.6	63.8	6840.9	450.0	-12.2	-36.1	208.2	22.3	8.5	20.7	332.2	338.8	0.4	11.3	10.4	45.
25.3	66.9	7119.4	425.0	-15.1	-38.7	198.3	23.3	7.3	22.1	335.4	336.6	0.3	11.2	12.7	41.
26.7	70.1	8064.2	375.0	-18.9	-42.0	200.3	20.1	7.0	18.9	336.2	337.8	0.2	10.9	14.8	37.
28.6	73.6	8795.4	350.0	-22.2	-42.5	193.8	18.9	6.1	17.9	338.5	338.8	0.3	13.8	16.8	35.
30.5	77.1	9115.1	325.0	-24.9	-43.6	158.8	22.0	6.4	21.0	339.2	340.2	0.2	19.0	18.9	33.
32.3	80.5	9687.2	300.0	-31.7	-41.6	198.6	21.7	7.9	20.6	350.7	341.9	0.7	36.8	21.3	31.
34.4	84.7	10598.3	275.0	-33.1	-39.6	198.6	23.9	6.5	28.0	344.4	346.1	0.4	63.0	24.1	30.
36.5	89.8	10955.7	250.0	-40.3	-39.9	158.6	29.2	6.8	24.3	346.2	346.1	0.4	85.0	27.3	28.
38.7	93.2	11665.5	225.0	-46.1	-34.7	199.0	29.5	8.3	24.1	347.2	346.1	0.4	99.9	30.6	27.
41.2	97.6	12339.6	200.0	-52.0	-34.7	199.0	29.5	9.8	27.9	350.4	346.1	0.4	99.9	33.9	26.
43.9	102.8	13290.8	175.0	-57.9	-34.7	199.0	26.0	7.6	24.8	354.4	346.1	0.4	99.9	39.3	25.
46.9	108.2	14240.8	150.0	-64.4	-34.7	207.2	17.5	8.0	15.0	359.2	346.1	0.4	99.9	42.9	25.
50.7	114.3	15347.9	125.0	-71.5	-34.7	199.0	11.4	3.8	16.1	365.2	346.1	0.4	99.9	46.3	24.
54.3	121.3	16555.3	100.0	-72.2	-34.7	199.0	11.4	3.3	10.6	368.2	346.1	0.4	99.9	49.8	24.
59.1	129.3	18154.2	75.0	-67.9	-34.7	139.1	7.7	-5.1	5.8	428.2	346.1	0.4	99.9	51.1	23.
66.4	137.5	20440.8	50.0	-57.4	-34.7	112.4	9.5	-8.8	3.6	508.2	346.1	0.4	99.9	51.8	18.
77.8	152.5	25338.3	25.0	-48.7	-34.7	99.9	13.7	-13.6	2.2	645.2	346.1	0.4	99.9	51.4	10.

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

STATION NO. 281
DEL RIO, TEXAS
7 JUNE 1979
2305 GMT

TIME MIN	CNTCY	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG M	MR BTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.3	314.0	969.2	31.7	23.2	180.0	6.7	-4.3	5.1	307.6	356.8	18.9	81.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	59.9	99.9	95.5	99.9	99.9	99.9	999.9	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	999.9	99.9	999.9	999.9	999.9
0.7	10.9	498.0	920.0	29.4	24.3	141.4	10.1	-4.3	7.9	307.0	362.6	20.6	79.3	0.0	31.5
1.4	13.1	732.6	925.0	27.5	23.6	142.4	5.5	-6.0	7.8	307.4	362.1	20.2	79.4	0.0	31.8
2.1	15.3	975.8	930.0	25.0	23.2	143.3	5.2	-5.5	7.3	307.2	362.1	20.3	80.4	1.7	32.0
3.3	17.5	1227.6	875.0	22.5	22.0	142.8	6.7	-5.2	6.9	307.2	359.7	19.4	80.8	1.7	32.1
4.3	19.6	1476.6	850.0	21.6	18.0	143.2	6.6	-5.1	6.9	308.2	351.5	15.5	80.2	2.5	32.2
5.1	21.1	1716.7	825.0	23.1	6.1	188.7	5.0	-2.6	4.3	313.5	333.8	7.2	33.4	2.8	32.2
6.2	23.4	2004.1	800.0	21.9	2.6	166.6	3.2	-0.7	3.1	314.5	331.6	5.8	28.0	3.0	32.1
7.3	25.7	2278.6	775.0	15.5	0.0	208.6	1.3	0.6	1.1	314.5	329.6	5.0	27.1	3.1	32.0
8.3	27.1	2559.4	750.0	17.4	-1.6	325.7	2.4	1.4	-2.0	315.2	329.1	4.6	27.4	3.1	32.0
9.4	31.5	2847.8	725.0	15.8	-5.5	305.2	4.4	3.5	-2.6	316.2	327.7	3.5	22.8	2.8	32.5
10.6	33.9	3144.3	700.0	13.0	-3.9	272.4	4.1	4.1	-0.5	317.2	330.1	4.1	29.7	2.5	32.6
11.7	36.4	3449.2	675.0	10.4	0.6	252.9	4.4	4.2	1.3	317.2	333.9	5.9	49.9	2.5	34.2
12.9	39.0	3742.4	650.0	7.7	-1.2	245.1	6.0	9.4	2.5	317.7	333.9	5.4	57.0	2.5	34.2
14.2	41.6	4085.3	625.0	4.8	-2.0	249.6	8.1	7.6	2.8	319.0	333.6	5.3	60.1	2.6	35.4
15.6	44.2	4417.9	600.0	2.9	-3.1	249.3	10.5	10.0	4.4	319.4	333.6	3.7	60.1	2.9	7.0
16.6	46.9	4761.2	575.0	0.8	-4.4	249.1	12.7	11.4	5.6	321.0	331.1	3.3	46.2	3.5	21.0
17.9	49.7	5117.2	550.0	-1.2	-28.7	241.6	10.5	9.6	5.2	322.7	328.9	0.6	10.2	4.2	29.0
19.3	52.4	5486.4	525.0	-3.4	-38.6	229.0	10.0	7.5	6.5	324.3	325.2	0.4	6.9	4.9	36.0
20.6	55.3	5870.3	500.0	-5.6	-52.4	219.9	11.9	7.7	9.2	326.3	325.4	0.1	1.1	5.7	35.0
23.4	61.3	6270.6	475.0	-7.9	-47.7	218.7	14.3	8.1	11.7	328.1	329.7	0.2	4.8	6.9	35.0
25.0	64.4	6674.9	450.0	-11.3	-43.6	215.5	16.2	8.8	13.6	329.1	329.7	0.6	17.2	9.8	36.0
26.8	67.6	7124.5	425.0	-13.2	-39.2	207.0	19.7	8.9	17.5	332.1	338.0	0.6	17.2	9.8	36.0
29.8	71.0	7565.4	400.0	-14.8	-27.8	198.1	21.7	6.7	20.7	335.1	339.2	1.0	31.8	12.1	32.0
30.6	74.4	8070.4	375.0	-18.5	-23.1	191.5	22.7	4.5	22.2	337.0	342.6	1.6	68.8	14.7	29.0
32.4	74.4	8582.5	350.0	-21.8	-29.1	190.9	20.5	3.9	20.1	339.4	343.1	1.0	54.3	16.9	26.0
34.5	81.7	9096.8	325.0	-26.5	-35.6	190.9	22.0	4.2	21.6	340.1	343.4	7.9	46.6	19.1	25.0
36.0	85.7	9596.8	300.0	-30.9	-35.6	181.1	24.4	4.7	23.9	341.4	348.2	0.6	46.9	22.0	23.0
39.2	87.8	10309.1	275.0	-35.2	-46.5	181.1	23.4	6.9	22.4	344.1	348.2	0.2	46.0	25.3	21.0
41.7	94.2	10965.9	250.0	-40.2	-59.9	201.0	24.9	8.9	23.2	346.2	349.6	99.9	58.9	28.6	21.0
44.5	98.8	11678.9	225.0	-45.6	-69.9	208.1	25.6	10.4	23.3	348.7	349.9	99.9	58.9	32.6	21.0
47.4	104.0	12449.5	200.0	-52.6	-99.9	207.2	26.3	9.9	24.4	349.2	349.9	99.9	58.9	36.7	22.0
50.7	109.8	13299.8	175.0	-58.4	-99.9	194.1	27.4	6.7	26.6	353.2	349.9	99.9	58.9	41.5	21.0
54.6	115.8	14255.4	150.0	-64.7	-99.9	185.2	19.0	5.0	18.4	358.6	349.9	99.9	58.9	46.3	21.0
59.1	122.0	16655.9	125.0	-73.0	-99.9	198.0	17.8	4.3	17.3	365.6	349.9	99.9	58.9	50.0	20.0
64.8	131.0	18349.5	100.0	-82.7	-99.9	158.8	10.5	3.4	9.9	366.7	349.9	99.9	58.9	54.4	21.0
73.1	141.9	20454.5	50.0	-96.9	-99.9	102.3	9.1	-5.8	5.6	433.8	349.9	99.9	58.9	58.3	19.0
85.1	153.5	25344.7	25.0	-95.5	-99.9	91.0	14.2	-14.2	6.2	642.7	349.9	99.9	58.9	55.5	6.0

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 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS
8 JUNE 1979
205 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 5 DEG K	E POT 7 DEG K	M3 RTO GM/KG	RM PCT	RANGE AZ KM	AZ DEG
0-0	9-1	314.0	970.2	25.4	23.5	130.0	5.1	-3.9	3.3	305.3	354.1	19.0	70.0	0.0	0.
09-9	99-9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0-6	10-9	502.6	950.0	28.6	26.3	151.0	11.1	-5.3	9.8	306.3	361.4	20.5	77.5	0.6	324.
1-5	13-1	749.5	925.0	26.9	24.6	155.7	13.0	-5.4	11.9	306.8	358.1	1.0	77.3	1.0	330.
2-3	15-4	983.1	900.0	24.9	21.3	159.3	12.0	-4.5	11.9	307.1	356.0	18.0	80.6	1.7	333.
3-3	17-7	1230.9	875.0	22.6	21.3	161.5	12.9	-4.1	12.2	307.3	357.6	18.6	82.9	2.9	336.
4-2	20-1	1481.4	850.0	20.6	20.2	168.4	13.5	-4.9	12.5	307.6	356.3	17.8	82.2	3.1	337.
5-2	22-4	1782.7	825.0	18.8	19.0	173.6	12.9	-5.7	11.6	307.7	352.5	16.0	83.7	3.9	337.
6-3	24-8	2007.8	800.0	17.6	18.3	181.6	12.5	-6.5	8.4	311.0	345.1	12.2	71.9	4.7	336.
7-6	27-3	2281.4	775.0	16.3	17.3	189.9	12.1	-7.3	3.5	313.1	330.0	5.0	26.8	5.1	335.
8-9	29-8	2562.4	750.0	15.3	16.0	197.7	11.7	-8.2	-0.6	315.4	330.6	5.1	30.9	5.3	334.
9-6	31-3	2850.0	725.0	14.6	15.6	205.9	11.2	-9.1	-0.0	316.4	329.2	4.3	27.9	5.3	333.
10-7	34-0	3147.3	700.0	13.7	15.3	214.2	10.7	-10.0	3.2	317.2	333.1	5.3	28.0	5.3	333.
11-9	36-3	3457.0	675.0	12.8	15.0	222.4	10.2	-10.8	4.6	317.4	334.5	5.7	26.4	5.7	332.
13-1	40-1	3789.1	650.0	11.9	14.7	230.4	9.7	-11.6	3.4	317.6	336.8	5.9	25.9	5.9	332.
14-3	42-5	4087.6	625.0	11.0	14.4	238.2	9.2	-12.4	2.6	318.8	336.2	5.9	25.9	6.0	330.
15-5	45-6	4420.1	600.0	10.2	14.1	246.2	8.7	-13.2	2.8	318.9	335.7	5.6	25.7	6.0	335.
16-7	49-4	4763.2	575.0	9.4	13.8	254.4	8.2	-14.0	4.5	320.2	333.7	4.4	25.6	6.1	351.
18-0	51-3	5118.2	550.0	8.7	13.5	262.8	7.7	-14.8	5.9	322.5	332.7	4.8	25.5	6.3	358.
19-3	54-3	5486.0	525.0	8.0	13.2	271.3	7.2	-15.6	6.2	324.8	332.7	3.2	25.4	6.5	358.
20-6	57-3	5869.0	500.0	7.3	12.9	280.0	6.7	-16.4	6.2	327.2	332.7	2.6	25.3	6.8	358.
22-1	62-4	6269.7	475.0	6.6	12.6	288.9	6.2	-17.2	12.0	329.7	334.5	2.6	25.2	7.1	358.
23-6	63-5	6692.1	450.0	6.0	12.3	298.0	5.7	-18.0	12.0	332.8	335.4	2.6	25.1	7.4	358.
25-2	66-9	7118.3	425.0	5.4	12.0	307.2	5.2	-18.8	16.9	336.1	337.0	2.1	25.0	7.7	358.
26-7	70-3	7576.8	400.0	4.8	11.7	316.7	4.7	-19.6	19.4	339.2	337.0	1.2	24.9	8.0	358.
28-4	73-7	8059.6	375.0	4.2	11.4	326.2	4.2	-20.4	20.8	342.5	341.0	1.7	24.8	8.3	358.
30-1	77-4	8563.2	350.0	3.6	11.1	336.0	3.7	-21.2	19.8	345.8	341.0	0.8	24.7	8.6	358.
32-2	81-2	9101.2	325.0	3.0	10.8	346.0	3.2	-22.0	20.9	349.1	342.5	0.7	24.6	8.9	358.
34-4	85-2	9676.0	300.0	2.4	10.5	356.0	2.7	-22.8	21.9	352.4	344.0	0.4	24.5	9.2	358.
36-8	89-3	10280.5	275.0	1.8	10.2	366.0	2.2	-23.6	23.2	355.7	345.0	0.3	24.4	9.5	358.
39-2	93-7	10936.7	250.0	1.2	9.9	376.0	1.7	-24.4	24.6	359.0	346.0	0.2	24.3	9.8	358.
41-8	97-4	11644.7	225.0	0.6	9.6	386.0	1.2	-25.2	25.9	362.3	347.0	0.1	24.2	10.1	358.
44-6	101-4	12412.3	200.0	0.0	9.3	396.0	0.7	-26.0	26.2	365.6	348.0	0.0	24.1	10.4	358.
47-5	105-8	13251.7	175.0	-0.6	9.0	406.0	0.2	-26.8	26.2	368.9	349.0	0.0	24.0	10.7	358.
50-9	110-6	14218.8	150.0	-1.2	8.7	416.0	-0.1	-27.6	22.6	372.2	350.0	0.0	23.9	11.0	358.
54-9	121-3	15308.0	125.0	-2.7	8.4	426.0	-0.6	-28.4	18.5	375.5	351.0	0.0	23.8	11.3	358.
58-9	129-3	16609.0	100.0	-4.2	8.1	436.0	-1.1	-29.2	16.9	378.8	352.0	0.0	23.7	11.6	358.
64-3	136-7	18269.8	75.0	-6.6	7.8	446.0	-1.6	-30.0	15.4	382.1	353.0	0.0	23.6	11.9	358.
72-6	157-7	20790.0	50.0	-11.3	7.5	456.0	-2.1	-30.8	14.0	385.4	354.0	0.0	23.5	12.2	358.
80-7	155-5	22222.9	25.0	-19.3	7.2	466.0	-2.6	-31.6	12.6	388.7	355.0	0.0	23.4	12.5	358.

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STATION NO. 261
DEL RUC. TEXAS

8 JUNE 1979
505 GMT

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TIME MIN	CHTY	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCNP M/SEC	V CCNP M/SEC	POT T DG M	E POT T DG M	WZ RTO GM/RS	RM PCT	RANGE KM	AZ DG
0.0	8.8	310.0	972.2	27.8	24.2	140.0	4.1	-2.6	3.1	307.4	356.6	20.0	81.0	0.0	0.
99.9	99.9	1000.0	975.0	59.9	59.9	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	13.0	519.4	953.0	26.1	24.5	156.3	11.8	-4.8	10.8	303.7	359.2	20.9	91.0	0.4	334.
1.5	12.9	744.6	925.0	24.9	21.5	159.0	14.5	-5.2	13.5	304.4	358.7	20.2	91.8	1.0	314.
2.3	13.1	990.6	900.0	23.5	20.2	160.0	14.5	-4.9	13.5	304.7	356.0	19.2	90.2	1.8	338.
3.3	17.4	1247.7	875.0	21.5	20.8	162.9	13.2	-4.0	13.0	305.2	354.0	18.0	90.0	2.8	339.
6.4	19.6	1494.3	850.0	15.4	19.1	167.4	13.9	-3.0	13.6	306.4	351.5	18.6	88.4	3.4	340.
5.4	21.9	1751.8	825.0	17.7	17.3	166.3	13.9	-3.3	13.5	307.2	349.0	15.3	97.2	4.3	342.
6.3	24.1	2011.7	800.0	14.0	15.6	161.0	13.9	-4.5	13.0	308.2	347.1	14.2	97.5	5.1	342.
7.2	24.5	2286.2	775.0	15.8	9.0	150.4	13.2	-6.9	11.5	310.5	338.3	9.8	68.0	5.4	342.
8.4	28.9	2585.2	750.0	15.9	-1.3	135.7	9.9	-6.9	7.1	313.5	327.7	4.7	30.7	6.6	339.
9.5	31.3	2852.6	725.0	14.8	-4.4	135.4	7.7	-5.4	5.5	315.7	327.2	3.8	26.1	7.1	337.
10.7	33.7	3148.0	700.0	12.2	-3.3	147.0	8.1	-4.4	6.8	316.0	329.0	4.3	33.7	7.6	336.
11.8	36.2	3451.5	675.0	9.9	-2.9	152.5	7.8	-3.6	6.9	316.8	333.6	4.6	40.8	8.2	336.
13.0	33.8	3763.7	650.0	6.9	-2.8	146.3	6.6	-3.7	5.5	316.6	331.3	4.8	50.1	9.7	335.
14.2	41.3	4084.8	625.0	4.0	-3.1	140.2	4.2	-2.7	3.2	317.1	331.7	4.9	59.7	9.1	335.
15.4	44.0	4415.4	600.0	1.2	-4.2	184.9	1.7	0.1	1.7	317.5	331.6	4.7	67.2	9.3	335.
16.7	44.7	4757.3	575.0	-1.4	-3.3	239.3	1.7	1.4	0.8	318.4	334.1	5.2	86.5	9.3	335.
18.0	49.4	5110.6	550.0	-2.6	-4.1	215.4	3.2	1.8	2.6	319.5	335.4	5.1	95.7	9.3	336.
19.3	52.3	5477.5	525.0	-5.1	-12.1	221.7	5.7	3.8	4.3	322.2	331.9	2.9	57.8	9.5	334.
20.8	55.1	5859.9	500.0	-7.3	-13.6	220.6	9.8	6.4	7.6	324.1	332.6	2.6	59.8	9.8	342.
22.4	59.1	6259.0	475.0	-5.9	-10.4	204.7	11.2	4.9	10.8	325.7	337.2	3.7	66.5	10.5	346.
24.1	61.1	6673.3	450.0	-11.9	-18.8	205.2	14.5	6.2	13.2	328.2	335.0	2.0	60.2	11.6	350.
25.9	64.3	7110.4	425.0	-13.6	-33.2	206.4	18.2	8.7	17.5	331.4	333.5	0.5	17.2	13.1	355.
27.6	67.5	7588.4	400.0	-17.0	-30.6	202.0	21.9	8.2	20.3	332.5	335.5	0.7	29.5	15.2	356.
29.5	70.9	8049.3	375.0	-20.6	-32.9	205.6	29.7	8.9	18.6	336.4	336.7	6.6	32.1	17.3	3.
31.5	74.3	8505.8	350.0	-24.7	-32.0	211.8	23.0	12.1	19.5	339.2	339.2	0.7	50.4	19.5	6.
33.4	77.9	9001.3	325.0	-28.6	-33.5	198.8	22.9	7.4	21.6	337.2	339.8	0.7	62.2	21.8	6.
35.4	81.6	9460.0	300.0	-33.1	-37.1	197.9	18.7	2.6	18.5	334.2	340.7	0.5	66.6	24.0	6.
37.6	85.5	10261.1	275.0	-36.9	-41.9	190.3	23.3	4.2	23.0	341.7	343.0	0.3	59.7	26.7	6.
40.0	89.7	10417.9	250.0	-42.6	-49.6	191.4	28.8	8.3	28.3	342.7	349.5	99.9	99.9	30.3	0.
42.7	94.2	11621.5	225.0	-47.9	-59.9	186.0	28.8	8.2	28.7	349.0	399.9	99.9	99.9	30.8	0.
45.4	98.8	12387.9	200.0	-53.8	-69.9	186.4	31.7	9.0	30.4	347.2	599.9	99.9	99.9	39.6	10.
48.5	104.0	13237.5	175.0	-59.6	-71.9	193.6	30.2	7.1	29.4	351.2	599.9	99.9	99.9	45.7	11.
51.5	109.5	14189.5	150.0	-65.7	-99.9	182.9	21.7	1.1	21.7	345.4	999.9	99.9	99.9	50.2	11.
53.1	113.7	15218.4	125.0	-72.3	-94.0	194.3	20.3	5.0	19.4	344.0	999.9	99.9	99.9	54.0	10.
55.2	118.7	16372.4	100.0	-75.8	-99.9	179.4	11.8	-0.1	11.8	342.5	999.9	99.9	99.9	58.1	11.
57.0	131.0	18269.3	75.0	-67.1	-99.9	166.4	8.8	-2.3	2.4	432.2	999.9	99.9	99.9	61.0	0.
72.9	141.5	20740.1	50.0	-60.7	-99.9	106.4	10.1	-9.6	2.9	808.2	999.9	99.9	99.9	60.7	5.
84.4	154.0	25165.5	25.0	-50.3	-94.0	94.2	18.7	-16.7	1.2	680.2	999.9	99.9	99.9	60.8	355.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS
8 JUNE 1979
009 6

150 23. 0

TIME MIN	CNTCY	WEIGHT GPM	PRES WB	TEMP DG C	D.W PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	POT T DG F	V COMP M/SEC	POT T CG K	MR RTO CM/SEC	RM PCF	RANGE KM	AZ DG
0-0	9-0	310.0	970.8	26.6	24.4	130.0	6.2	-4.7	302.3	6.0	356.8	20.3	88.0	0.0	0.
00-0	99-0	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
00-9	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	506.5	950.0	25.7	25.3	148.4	12.5	-8.6	303.2	18.0	361.4	22.0	58.1	0.5	321.
1-5	13-6	742.1	925.0	23.7	23.7	156.7	16.8	-6.7	303.6	15.5	357.9	20.4	101.3	1.3	327.
2-4	16-0	982.8	900.0	22.9	22.6	163.8	18.7	-4.4	305.1	13.9	357.7	19.6	98.7	2.2	336.
3-5	14-4	1220.3	875.0	21.3	21.0	162.8	14.5	-4.3	305.9	13.9	355.2	18.3	58.6	3.2	336.
4-3	20-8	1481.4	850.0	20.5	19.6	159.2	13.9	-4.9	307.6	3.0	354.3	17.2	94.6	3.9	337.
5-3	21-3	1739.9	825.0	18.7	17.6	158.6	13.5	-4.9	307.6	12.6	350.1	15.6	55.9	4.7	338.
6-2	23-8	2079.1	800.0	16.6	16.2	154.9	13.1	-5.6	308.5	11.9	349.3	14.7	47.4	5.4	338.
7-3	23-4	2275.5	775.0	17.8	6.5	166.6	12.5	-5.0	317.6	10.5	335.7	7.9	47.7	6.2	337.
8-2	21-4	2516.1	750.0	17.5	3.9	165.4	11.2	-6.0	315.4	9.5	335.5	6.8	40.3	6.9	336.
9-2	31-7	2846.7	725.0	15.3	1.9	138.0	5.5	-6.4	316.2	7.1	334.2	6.1	40.2	7.5	335.
9-3	30-3	3161.2	700.0	13.1	0.3	135.4	6.7	-6.1	317.0	6.2	333.7	5.6	41.4	8.1	333.
10-3	36-3	3445.9	675.0	10.7	-0.9	143.9	6.7	-4.0	317.3	5.5	333.6	5.3	44.4	8.6	332.
11-4	39-0	3759.5	650.0	8.2	-0.7	159.2	6.0	-2.1	318.3	5.6	335.1	5.6	53.3	9.9	332.
12-7	41-4	4082.4	625.0	5.5	-1.1	165.2	6.2	-1.2	318.2	6.1	335.8	5.7	62.3	9.5	333.
13-8	40-6	4419.6	600.0	2.8	-2.4	166.9	7.3	-1.7	318.7	7.2	334.9	5.4	71.7	9.9	336.
15-0	47-4	4757.2	575.0	-0.7	-1.9	156.9	5.2	-2.0	319.2	4.0	336.7	5.0	81.6	10.4	336.
16-1	50-4	5112.2	550.0	-1.5	-7.8	192.0	3.3	0.7	321.9	3.2	333.9	3.9	83.7	10.6	336.
17-4	43-5	5481.2	525.0	-3.9	-12.5	217.9	6.5	4.0	323.7	5.1	332.6	2.8	51.3	10.8	336.
19-7	56-5	5811.2	500.0	-5.2	-27.5	212.4	11.0	5.9	326.6	9.3	328.6	0.3	6.3	11.2	339.
21-7	62-9	6265.4	475.0	-8.0	-47.3	209.8	13.9	6.9	328.1	12.1	328.1	0.1	2.0	12.0	344.
23-4	66-1	6683.6	450.0	-10.3	-50.5	210.6	15.3	7.8	330.2	13.2	330.7	0.1	2.4	13.0	346.
25-1	69-6	7121.0	425.0	-13.6	-27.5	214.1	16.3	9.1	331.2	13.5	331.5	0.2	6.8	14.3	351.
27-0	73-1	7578.8	400.0	-16.9	-44.6	206.5	17.9	8.0	332.2	14.0	331.5	0.2	6.8	15.7	357.
29-4	78-9	8055.7	375.0	-20.3	-26.3	202.7	20.0	7.7	333.7	14.4	336.5	0.5	24.8	17.7	0.
30-9	90-7	8567.7	350.0	-23.4	-26.6	201.3	19.4	7.1	337.1	14.1	338.9	0.5	28.5	19.6	3.
33-7	84-6	9100.1	325.0	-27.5	-35.9	207.4	19.8	9.1	338.6	17.6	340.9	0.6	46.4	22.0	5.
34-4	84-8	9674.4	300.0	-32.0	-34.3	204.9	22.9	9.4	340.2	20.8	342.9	0.7	79.5	24.4	7.
37-3	91-2	10247.3	275.0	-35.8	-38.0	191.1	24.4	4.7	343.4	24.0	345.3	0.5	79.7	27.5	6.
39-4	97-8	10942.2	250.0	-41.5	59.9	193.6	26.9	6.3	345.4	26.1	349.9	0.9	69.9	31.1	6.
42-2	102-6	11647.7	225.0	-47.7	97.9	194.5	29.9	7.5	349.9	28.9	349.9	0.9	99.9	35.8	10.
45-7	109-0	12414.7	200.0	-53.7	59.9	196.0	33.8	9.3	347.2	32.5	347.2	0.9	99.9	42.4	10.
49-7	113-9	13243.9	175.0	-59.6	99.9	201.7	32.4	12.0	353.2	30.1	349.9	0.9	99.9	51.1	12.
53-1	123-0	14219.9	150.0	-64.5	99.9	198.1	23.3	7.3	358.6	22.2	358.6	0.9	99.9	56.6	13.
57-1	127-0	15311.5	125.0	-72.9	59.9	181.7	17.6	2.3	363.6	17.4	363.6	0.9	69.9	61.1	12.
62-4	134-7	16112.3	100.0	-73.7	99.9	165.2	13.7	-3.9	365.2	13.2	365.2	0.9	99.9	66.3	12.
71-1	141-7	18304.5	75.0	-65.2	59.9	118.0	8.3	-7.3	427.8	3.9	427.8	0.9	99.9	71.4	10.
81-7	151-3	20771.0	50.0	-58.0	99.9	84.8	11.7	-11.7	501.1	-0.2	501.1	0.9	99.9	71.4	5.
101-3	163-3	25236.6	25.0	-50.1	57.9	59.9	99.9	99.9	640.1	99.9	640.1	0.9	99.9	99.9	999.9

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

STATION NO. 281
DEL RIO, TEXAS
8 JUNE 1979
1105 GMT

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TIME MIN	CHTCT	WEIGHT GPM	PRES MR	TEMP DG C	DFM PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG K	MR RTO G/SEC	RM PCT	RANGE KM	AZ DG
0.0	8.9	314.0	570.7	25.5	24.3	130.0	5.1	-3.9	3.3	303.2	354.1	20.1	93.0	0.0	0-
00.0	99.9	69.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	10.7	504.0	975.0	24.6	24.6	145.0	10.4	-6.0	8.5	303.2	357.6	21.0	101.1	0.6	319.
1.6	12.8	739.0	925.0	23.4	21.4	158.3	12.7	-7.7	11.8	303.3	356.5	20.0	100.8	1.0	32.2
2.4	15.1	940.2	900.0	22.5	21.0	163.9	12.4	-2.4	12.1	303.3	354.0	19.4	94.4	1.6	331.
3.5	17.3	1226.3	875.0	21.3	19.8	165.7	11.3	-2.0	11.2	305.5	351.5	18.9	51.0	2.1	139.
4.6	19.5	1476.3	850.0	20.1	17.5	165.3	11.2	-2.9	10.9	307.2	348.3	18.1	25.2	3.0	341.
5.6	21.8	1734.1	825.0	18.4	16.3	162.8	10.8	-3.2	10.3	308.2	347.4	17.3	17.7	3.7	341.
6.6	24.1	2000.0	800.0	16.3	14.6	162.3	10.9	-3.3	10.4	308.5	346.9	16.2	89.5	4.3	342.
7.7	26.5	2270.7	775.0	14.7	14.0	161.3	14.7	-4.7	13.9	309.7	346.1	15.2	95.7	5.1	342.
8.6	28.8	2548.9	750.0	14.9	7.1	161.9	15.2	-4.2	14.6	312.2	337.4	14.6	60.3	6.0	342.
9.7	31.2	2835.9	725.0	14.3	4.1	165.5	12.4	-2.9	12.2	315.2	335.0	13.1	50.3	6.9	342.
10.9	33.6	3131.9	700.0	12.6	2.7	164.4	10.8	-2.9	10.4	318.2	336.1	12.7	40.7	7.7	343.
12.0	36.1	3436.2	675.0	10.3	1.5	162.1	11.3	-3.5	10.8	317.4	336.2	12.2	33.7	8.5	343.
13.1	38.6	3749.8	650.0	8.3	0.3	166.3	10.6	-2.5	10.3	318.1	336.2	11.7	27.9	9.2	343.
14.4	41.2	4072.0	625.0	5.1	-1.1	165.4	8.4	-2.1	8.1	318.2	335.2	11.2	22.3	9.9	343.
15.7	43.9	4404.3	600.0	2.3	-2.8	157.7	7.7	-2.9	7.1	318.8	334.5	10.7	16.9	10.5	343.
16.9	46.6	4748.3	575.0	1.5	-7.1	152.8	5.1	-2.3	6.5	321.2	334.0	10.2	11.0	11.0	341.
18.1	49.3	5104.9	550.0	-1.5	-9.8	147.1	3.2	-0.7	5.1	323.4	332.7	9.7	5.2	11.2	342.
19.5	52.1	5473.5	525.0	-4.4	-22.2	210.0	5.1	2.5	4.4	323.1	326.9	9.2	29.2	11.5	343.
20.9	55.0	5857.3	500.0	-5.2	-33.2	215.2	8.6	5.5	6.7	326.7	329.4	8.7	1.0	11.9	346.
22.3	58.0	6258.1	475.0	-7.3	-44.5	205.4	10.7	4.6	9.6	328.5	329.4	8.2	1.0	12.4	346.
23.6	61.0	6676.7	450.0	-10.4	-53.2	201.6	13.1	4.8	12.2	330.2	332.1	7.7	13.2	13.2	351.
25.1	64.1	7113.7	425.0	-14.1	-68.1	206.3	14.2	6.3	12.7	330.9	334.0	7.2	24.0	14.2	351.
26.7	67.4	7571.0	400.0	-17.5	-86.9	210.1	16.0	6.0	13.6	332.2	333.7	6.4	16.4	15.4	356.
28.3	70.7	8050.9	375.0	-21.1	-107.1	214.1	18.3	9.4	15.7	333.4	335.0	5.4	22.3	16.8	357.
30.2	74.1	8554.4	350.0	-23.6	-144.6	209.3	18.8	9.2	16.4	336.9	337.7	4.2	13.2	19.6	3-
32.1	77.7	9088.4	325.0	-27.3	-177.3	204.4	19.9	8.2	18.1	339.1	339.9	3.1	7.6	20.6	5-
34.1	81.4	9665.9	300.0	-31.5	-240.0	166.4	24.8	7.0	23.8	341.0	343.5	2.7	78.3	21.2	7-
36.1	85.3	10276.2	275.0	-36.0	-334.6	190.3	28.7	5.2	28.3	343.0	344.8	2.5	76.7	26.3	8-
38.2	89.5	10931.1	250.0	-41.5	-459.9	149.6	30.6	5.1	38.2	343.4	349.9	2.0	969.9	30.2	6-
40.7	93.8	11636.8	225.0	-47.4	-614.6	193.6	31.7	7.5	30.6	347.4	349.9	1.9	999.9	34.7	8-
43.4	98.4	12404.2	200.0	-54.2	-814.2	156.0	31.3	8.4	30.1	347.4	349.9	1.8	999.9	40.3	9-
46.9	103.4	13248.3	175.0	-60.3	-999.9	208.6	30.8	11.9	28.4	350.2	349.9	1.7	999.9	46.2	11-
50.4	109.0	14152.3	150.0	-67.5	-1277.3	202.6	25.8	12.4	22.7	350.2	349.9	1.6	999.9	51.7	12-
54.0	115.0	15283.2	125.0	-71.3	-1614.3	184.2	14.5	13.1	14.8	365.9	349.9	1.5	999.9	56.0	13-
58.5	123.0	16553.2	100.0	-73.4	-2014.3	174.9	14.3	-1.3	14.4	365.9	349.9	1.4	999.9	60.1	12-
63.4	130.3	18074.1	75.0	-65.2	-2514.3	123.5	6.8	-7.3	4.9	421.8	349.9	1.3	999.9	62.7	11-
68.3	143.0	20761.5	50.0	-55.7	-3114.3	100.6	13.0	-12.7	4.4	512.1	349.9	1.2	999.9	62.7	6-
84.5	152.0	25222.9	25.0	-48.0	-3914.3	85.3	14.8	-14.8	-1.2	646.7	349.9	1.1	999.9	63.0	356-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

7 JUNE 1979
1415 GMT

158 11.0

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POF T DG K	E POT Y DG K	WX RTO CM/KG	RM PCF	RANGE KM	AZ DG
0.0	15.2	873.0	907.2	26.7	15.1	220.0	8.2	5.3	6.3	308.2	341.8	12.0	89.8	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	15.9	943.3	900.0	25.3	15.2	228.5	11.4	8.5	7.5	307.4	341.1	12.2	51.6	0.2	38.0
1.1	14.3	1190.1	875.0	23.4	11.2	237.9	13.6	11.5	7.2	308.1	338.7	9.0	47.9	0.7	44.0
2.1	20.7	1443.0	850.0	22.5	8.1	252.6	13.2	12.6	3.9	309.7	332.5	8.0	37.7	1.5	55.0
3.1	23.2	1702.9	825.0	22.0	4.6	252.3	5.7	9.2	2.9	312.7	331.5	6.5	30.7	2.2	65.0
4.7	25.6	1970.3	800.0	21.3	3.5	238.9	10.3	8.0	5.3	313.5	332.0	6.2	30.9	2.7	66.0
5.7	24.1	2241.3	775.0	18.9	2.2	237.8	10.5	8.8	5.6	314.1	331.3	5.6	32.9	3.4	63.0
6.4	30.7	2574.0	750.0	16.5	1.1	245.3	10.1	8.2	4.2	314.5	330.9	3.5	24.6	4.0	63.0
7.5	33.3	2911.2	725.0	14.4	-5.6	253.3	6.4	8.1	2.3	315.2	328.9	3.5	24.6	4.0	63.0
8.4	35.9	3106.1	700.0	12.2	-6.3	260.8	6.0	7.3	1.3	316.0	328.4	3.4	26.8	5.3	65.0
10.0	31.6	3409.1	675.0	5.2	-7.8	265.9	6.9	6.9	0.4	315.5	325.6	3.1	25.2	5.4	67.0
11.2	41.7	3720.1	650.0	4.5	-8.6	271.7	5.9	5.9	-0.2	316.2	325.8	3.1	32.0	6.3	68.0
12.0	44.0	4040.2	625.0	4.0	-12.6	278.1	4.0	3.9	-0.6	317.0	326.3	2.3	28.5	6.7	70.0
14.1	48.9	4700.8	600.0	2.1	-20.7	281.2	2.8	2.6	0.4	318.2	322.9	1.2	18.8	6.9	71.0
15.4	43.8	4712.9	575.0	-0.2	-21.5	245.5	2.2	2.0	1.0	319.7	323.7	1.2	18.8	7.1	71.0
16.9	52.6	5026.7	550.0	-3.1	-22.6	248.6	3.5	3.2	1.5	320.2	323.7	1.2	20.8	7.3	71.0
19.3	55.6	5433.2	525.0	-5.8	-16.0	230.1	4.3	3.3	2.7	321.4	328.2	2.1	44.7	7.6	70.0
19.8	54.4	5811.7	500.0	-8.2	-11.5	229.1	6.1	5.6	5.8	323.0	327.6	1.4	31.3	8.1	69.0
21.2	61.9	6210.7	475.0	-10.1	-27.8	240.9	8.6	7.5	4.2	325.4	328.2	0.8	21.9	8.9	67.0
22.9	65.1	6625.8	450.0	-12.1	-33.5	248.8	8.2	8.0	3.1	328.0	329.0	0.5	14.0	9.0	67.0
24.4	69.4	7000.6	425.0	-14.6	-35.4	248.8	8.2	8.0	3.1	328.0	329.0	0.3	11.3	10.6	67.0
26.3	71.9	7516.8	400.0	-17.7	-36.7	231.1	17.1	13.3	10.8	322.0	333.5	0.4	17.1	12.3	66.0
29.1	75.4	7598.1	375.0	-19.0	-43.3	231.8	17.9	14.5	10.6	336.4	337.3	0.2	9.7	14.2	63.0
32.3	79.0	8508.0	350.0	-22.3	-46.9	248.2	21.1	19.0	9.2	338.7	340.1	0.2	8.5	16.3	63.0
32.8	83.0	9098.1	325.0	-24.9	-40.0	242.9	27.8	24.6	12.8	339.6	340.1	0.1	9.1	19.4	63.0
34.4	87.0	9620.4	300.0	-21.6	-40.7	233.5	32.1	28.8	19.1	340.2	341.3	0.1	14.7	23.6	62.0
36.7	91.2	10730.8	275.0	-35.8	-52.9	230.9	33.2	28.1	21.2	341.4	343.8	0.1	15.2	28.1	60.0
39.2	95.7	10897.1	250.0	-39.9	-59.9	228.6	35.7	30.2	25.7	346.2	349.9	0.1	15.2	31.5	59.0
41.7	100.2	11598.9	225.0	-45.2	-59.9	225.4	35.1	27.1	26.7	349.2	349.9	0.1	15.2	39.2	57.0
44.7	105.3	12377.3	200.0	-50.5	-59.9	223.2	38.1	26.1	27.8	352.2	349.9	0.1	15.2	45.9	55.0
47.9	110.6	13232.1	175.0	-56.3	-59.9	224.3	34.0	25.2	24.1	353.7	349.9	0.1	15.2	52.2	54.0
51.3	116.8	14185.1	150.0	-64.8	-64.8	225.6	34.1	27.8	19.8	358.8	349.9	0.1	15.2	59.6	53.0
55.2	123.7	15278.4	125.0	-76.8	-64.8	225.6	34.1	27.8	15.3	368.2	349.9	0.1	15.2	66.8	53.0
59.6	131.3	16506.7	100.0	-69.6	-69.6	211.2	18.7	7.6	12.5	393.2	349.9	0.1	15.2	70.7	53.0
65.7	140.5	18332.6	75.0	-64.7	-77.9	111.0	5.8	-9.2	3.5	437.2	349.9	0.1	15.2	71.7	52.0
73.2	152.0	20452.1	50.0	-74.0	-99.9	117.0	18.0	-8.9	4.5	511.2	349.9	0.1	15.2	70.7	49.0
86.1	145.0	25344.1	25.0	-44.3	59.9	99.9	99.9	99.9	99.9	657.2	349.9	0.1	15.2	64.3	43.0

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

STATION NO. 269
MIDLAND, TEXAS
7 JUNE 1979
1710 GMT

157 12. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP OC C	DEW PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V OC K	E POT T OC K	MZ ATO GPM/KG	RM PCT	RANGE KM	AZ OC
0.0	15.4	873.0	907.9	31.1	12.9	230.0	7.2	5.5	4.6	312.8	342.3	10.4	33.0	0.0	0.
00.0	99.0	99.0	1000.0	55.0	59.0	99.0	99.0	99.0	99.0	99.5	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	971.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	99.0	99.0	99.0	99.0	99.0
00.0	99.0	99.0	935.0	99.0	99.0	99.0	99.0	99.0	99.0	99.5	99.0	99.0	99.0	99.0	99.0
0.3	16.2	951.0	907.0	29.0	9.0	231.8	7.1	6.8	2.2	311.4	334.5	8.1	28.7	2.3	57.
1.1	14.6	1200.2	875.0	26.1	9.0	237.4	7.4	6.8	2.0	310.9	333.0	7.7	31.4	4.6	61.
2.0	21.1	1454.4	870.0	23.4	6.4	238.0	8.7	7.4	4.6	310.7	334.1	8.2	38.3	1.0	61.
2.9	23.5	1714.1	825.0	21.3	6.4	232.0	8.4	6.6	5.1	311.8	335.1	8.4	43.5	1.5	60.
4.2	24.0	1940.7	800.0	21.7	0.6	233.1	8.6	6.9	5.2	314.3	329.2	5.0	24.5	2.1	54.
5.4	24.6	2254.6	775.0	19.5	-1.2	235.1	11.7	9.6	6.7	314.8	328.3	4.5	24.6	2.8	57.
6.5	31.1	2935.5	750.0	17.1	-2.1	230.1	12.1	10.5	6.0	315.1	328.3	4.4	28.9	3.6	57.
7.7	33.8	3423.2	725.0	14.9	-6.6	231.8	10.6	10.1	3.3	315.8	327.3	3.6	25.7	4.5	58.
8.9	36.4	3118.6	700.0	12.4	-6.4	239.3	9.0	8.9	1.7	316.2	326.7	3.4	26.4	5.1	61.
9.9	39.2	3422.0	675.0	5.6	-6.1	267.3	8.1	8.1	0.4	314.4	327.4	3.6	32.4	5.6	63.
13.9	42.0	3713.5	650.0	6.4	-5.0	262.9	5.3	5.2	-1.2	316.2	328.6	4.1	43.4	6.0	65.
12.2	44.9	4354.1	625.0	3.7	-8.3	252.3	3.7	3.4	-1.4	316.7	330.2	4.4	55.5	6.2	67.
13.5	47.9	4344.1	600.0	1.1	-17.2	259.1	3.2	3.2	0.0	317.4	322.8	1.7	24.4	6.4	68.
14.9	53.8	4725.3	575.0	-0.7	-17.3	230.6	4.8	3.7	3.0	319.2	324.7	1.7	27.1	6.7	64.
16.4	53.8	5079.1	550.0	-2.8	-18.0	230.7	5.5	4.3	3.5	320.6	326.4	1.7	30.5	7.2	67.
17.9	54.9	5446.1	525.0	-5.3	-18.0	231.7	7.5	5.9	4.7	322.1	327.8	1.8	36.0	7.7	66.
19.4	63.0	5427.6	500.0	-6.8	-24.2	237.9	11.4	9.2	6.7	324.6	327.9	0.9	19.4	6.1	65.
21.6	63.3	6726.6	475.0	-8.9	-30.0	237.8	11.0	9.3	5.8	326.5	328.3	0.4	9.0	9.0	63.
22.6	66.6	6643.1	450.0	-11.4	-38.9	239.3	12.9	10.7	6.4	328.5	332.8	0.3	6.3	10.7	63.
24.4	73.0	7078.7	425.0	-14.2	-46.0	230.6	18.6	14.4	11.8	330.7	331.3	0.1	4.7	12.2	62.
26.1	71.5	7536.3	400.0	-16.8	-50.9	222.2	22.0	14.8	16.3	323.2	333.5	0.1	3.3	14.4	60.
27.9	77.1	8016.6	375.0	-15.3	-53.4	230.9	18.7	13.2	16.1	336.1	336.4	0.1	3.6	16.5	57.
29.4	80.9	8524.2	350.0	-22.4	-53.4	230.3	25.1	18.3	18.1	338.5	338.8	0.1	4.0	14.8	54.
31.0	84.4	9069.1	325.0	-26.3	-53.4	227.9	27.7	20.5	18.5	340.4	340.6	0.1	4.5	22.4	55.
31.0	84.4	9647.9	300.0	-31.5	-53.2	226.3	31.9	23.1	22.1	341.8	341.3	0.1	9.6	25.4	54.
36.5	93.3	10251.9	275.0	-35.3	-55.9	221.5	31.7	21.0	23.7	344.1	344.4	0.1	10.4	30.5	52.
39.0	97.8	10910.1	250.0	-39.4	-53.8	218.1	37.7	23.3	29.7	347.8	347.7	0.1	10.5	35.6	50.
41.4	102.8	11674.1	225.0	-44.7	-54.9	215.7	39.8	23.2	32.3	350.1	350.9	0.1	9.5	41.3	48.
44.1	104.0	12400.9	200.0	-51.2	-54.9	220.6	36.5	24.8	28.0	351.6	350.9	0.1	9.6	47.2	47.
47.0	113.8	13256.6	175.0	-57.5	-54.9	228.2	34.4	23.6	22.9	355.8	355.8	0.1	9.9	53.4	47.
53.2	120.0	14214.3	150.0	-63.7	-54.9	234.9	27.8	22.7	15.9	360.3	359.9	0.1	9.9	59.6	47.
53.7	120.7	15115.6	125.0	-66.4	-54.9	218.0	22.5	13.8	17.7	371.2	369.9	0.1	9.9	64.6	47.
54.0	134.7	16650.9	100.0	-64.5	-54.9	219.0	11.2	7.1	8.7	395.2	395.9	0.1	9.9	67.2	47.
63.1	141.7	18161.3	75.0	-65.8	-54.9	149.7	9.1	-1.4	9.0	428.2	428.2	0.1	9.9	71.4	46.
73.7	144.3	20873.1	50.0	-52.1	-54.9	116.0	9.8	-0.8	4.3	511.4	511.4	0.1	9.9	71.6	43.
83.6	163.5	25349.3	25.0	-44.4	-54.9	99.9	99.9	99.9	99.9	651.4	651.4	0.1	9.9	68.8	37.

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

STATION NO. 265
MIDLAND, TEXAS
7 JUNE 1979
2005 GMT

159 9. 0

TIME MTH	CNCT	HEIGHT GPM	PRES MB	TEMP DC C	CEM PT CG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MJ RTO GM/KG	RM PCT	RANGE KM	AZ DG
9.0	15.8	973.0	526.9	35.0	10.8	220.0	9.3	6.0	7.1	316.9	143.1	9.0	23.0	0.0	0.
99.7	99.9	99.9	1030.0	55.9	59.9	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	95.9	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	16.4	942.2	920.0	33.0	4.3	219.7	7.2	4.7	5.6	316.2	339.0	7.7	20.7	0.3	47.
1.0	14.8	1195.3	875.0	31.1	6.1	222.3	6.5	5.7	6.3	316.1	336.1	6.8	20.9	0.5	44.
1.6	21.2	1453.6	853.0	28.0	5.5	232.4	9.9	7.6	6.3	315.2	335.2	6.7	23.9	0.9	44.
2.5	23.7	1716.8	835.0	25.3	5.1	237.1	10.4	8.7	5.6	315.4	335.0	6.7	27.2	1.4	43.
3.3	26.2	1985.6	820.0	22.5	4.5	237.4	10.9	9.2	5.9	315.1	334.6	6.7	31.0	1.9	53.
4.4	28.7	2260.4	775.0	19.7	4.8	250.0	10.7	10.0	3.6	315.0	335.5	7.0	37.5	2.7	54.
5.4	31.3	2541.9	720.0	16.4	-2.8	257.0	7.8	7.6	1.8	316.2	329.1	4.2	23.5	3.4	58.
7.2	33.7	2830.7	725.0	15.8	-1.9	254.5	4.8	4.7	0.9	316.2	330.7	4.6	29.7	3.9	61.
8.6	35.6	3127.6	700.0	13.3	-2.6	258.9	3.6	3.6	1.0	317.3	330.9	4.5	32.9	4.2	62.
10.3	37.7	3431.7	675.0	10.5	-2.3	255.6	4.2	4.0	1.8	317.4	331.9	4.8	40.7	4.5	63.
11.4	42.0	3744.5	650.0	7.5	-3.4	256.4	3.7	3.7	0.8	317.2	331.3	4.6	45.8	4.8	64.
12.7	46.6	4066.2	625.0	4.5	-3.8	256.1	3.4	3.3	0.9	317.6	331.6	4.6	54.6	5.1	65.
14.7	47.7	4397.2	600.0	1.8	-3.8	256.5	4.5	4.1	1.8	318.2	324.4	1.9	26.7	5.4	65.
15.6	53.6	4739.5	575.0	0.5	-3.3	253.8	6.3	5.1	3.7	320.2	326.2	1.7	25.1	5.9	65.
17.1	53.6	5094.6	570.0	-2.2	-2.8	259.2	6.2	6.1	5.5	321.2	325.9	1.3	22.4	6.5	63.
18.7	55.6	5462.1	525.0	-5.1	-1.7	254.4	10.5	4.6	6.1	322.2	327.3	1.5	30.9	7.4	62.
20.4	57.6	5831.7	500.0	-7.0	-2.4	233.3	10.8	8.7	6.5	324.6	327.9	1.0	21.6	8.5	61.
22.3	62.9	6242.5	475.0	-8.3	-4.7	230.0	12.4	9.5	8.0	327.7	328.3	0.2	3.7	9.8	60.
24.1	66.1	6659.9	450.0	-11.3	-4.1	222.0	15.0	10.0	11.1	329.0	329.5	0.1	3.3	11.2	58.
25.9	63.5	7195.9	425.0	-14.6	-4.5	222.0	14.5	11.0	12.3	330.2	330.6	0.1	3.7	12.8	56.
29.3	71.0	7552.4	400.0	-17.1	-4.6	215.7	21.1	12.3	17.2	332.8	331.2	0.1	4.0	15.0	53.
33.1	76.6	8135.6	375.0	-18.8	-5.5	211.8	27.4	14.4	23.3	336.7	337.1	0.1	4.2	17.9	50.
32.2	80.3	8746.0	350.0	-22.9	-5.3	213.0	27.9	15.2	23.4	338.2	338.8	0.1	4.6	21.3	47.
38.3	94.2	9348.3	325.0	-26.4	-5.8	216.0	29.9	14.6	24.2	340.2	340.7	0.1	7.9	24.9	45.
38.5	84.2	9658.4	320.0	-31.1	-5.6	213.1	30.3	16.5	25.3	341.2	342.0	0.1	11.2	24.9	44.
39.3	92.5	10371.0	275.0	-34.8	-5.3	212.6	34.8	18.7	29.6	344.8	345.2	0.1	11.6	33.7	42.
41.5	97.0	10929.9	250.0	-39.5	-5.2	209.1	36.3	17.4	32.0	347.4	347.7	0.1	13.1	38.9	41.
44.3	101.4	11641.2	225.0	-45.8	-5.9	212.9	33.1	17.9	27.8	348.4	349.4	99.9	999.9	44.5	39.
48.9	106.8	12415.1	200.0	-52.1	-5.9	217.7	35.1	21.5	27.8	350.2	350.2	99.9	999.9	49.7	39.
49.6	112.3	13272.0	175.0	-54.1	-5.9	215.6	35.4	24.1	27.6	357.4	357.4	99.9	999.9	55.9	39.
52.6	114.3	14232.5	150.0	-64.3	-5.9	225.5	26.7	19.1	18.7	359.3	359.3	99.9	999.9	61.7	39.
56.6	125.0	15286.4	125.0	-70.6	-5.9	221.5	22.3	11.7	19.0	367.1	367.1	99.9	999.9	66.3	39.
60.3	131.5	16319.7	100.0	-73.2	-5.9	223.4	14.5	10.3	10.2	366.3	366.3	99.9	999.9	70.9	39.
65.7	141.7	17157.4	75.0	-83.6	-5.9	174.9	9.7	-8.9	9.7	439.7	439.7	99.9	999.9	74.0	38.
71.7	153.0	20099.7	50.0	-95.1	-5.9	111.1	8.7	-8.1	3.1	504.1	504.1	99.9	999.9	74.5	36.
75	165.5	25435.3	25.0	-98.8	-5.9	103.4	11.0	-10.7	2.6	644.6	644.6	99.9	999.9	71.8	30.

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

STATION NO. 269
MIDLAND, TEXAS
7 JUNE 1970
2300 GMT

157 11. 0

TIME MIN	CMCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	Y COMP M/SEC	POT V DG M	E POT T DG K	WX RTO GM/KG	RM PCT	RANGE AZ KM	AZ DG
0.0	15.4	873.0	605.9	34.4	6.9	238.0	6.2	4.7	4.0	316.4	339.6	8.0	21.8	0.0	0.
00.9	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	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
09.9	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
09.9	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
02.2	18.0	932.0	900.0	33.0	3.2	237.1	5.2	4.7	2.8	316.2	332.5	5.3	14.5	0.2	50.
1.3	18.4	1145.6	875.0	32.0	1.8	246.3	5.7	5.2	2.3	317.6	337.0	5.0	14.6	0.4	54.
1.7	2.9	1444.5	850.0	29.6	0.9	249.8	7.3	6.8	2.5	317.3	331.7	4.8	15.8	0.6	62.
2.3	23.4	1738.9	825.0	26.9	1.5	244.9	7.3	6.6	3.1	317.1	332.6	5.2	19.2	0.9	64.
2.9	23.9	1978.9	800.0	24.4	0.2	249.7	7.2	5.9	4.0	317.2	331.9	4.9	20.3	1.2	61.
3.5	21.4	2255.2	775.0	21.7	-0.4	230.8	7.1	5.5	4.5	317.1	331.0	4.8	23.0	1.4	61.
4.2	31.0	2537.6	750.0	18.4	0.0	215.7	6.4	5.3	3.7	316.4	331.9	4.8	28.8	1.7	60.
5.2	33.7	2826.9	725.0	15.5	0.5	204.3	6.4	5.2	3.8	316.2	332.8	5.5	34.9	2.1	53.
6.4	36.3	3123.1	700.0	12.7	1.0	206.9	7.0	5.8	3.6	316.2	334.1	5.9	44.7	2.6	55.
7.9	39.1	3427.1	675.0	5.9	0.9	237.9	7.2	6.4	4.0	316.7	334.7	6.1	53.4	3.2	58.
9.1	41.9	3739.5	650.0	6.6	0.0	232.7	8.6	6.8	4.0	316.7	334.3	5.9	61.9	3.8	58.
10.3	44.9	4063.7	625.0	4.0	-2.6	224.7	9.0	6.3	6.4	317.1	332.0	5.0	60.9	4.4	56.
11.5	47.6	4391.1	600.0	1.5	-12.5	226.2	7.7	5.6	5.4	317.4	325.9	2.6	36.4	5.0	55.
12.9	52.6	4733.1	575.0	0.1	-21.6	240.6	9.2	8.0	4.5	320.3	324.8	1.2	17.8	5.7	53.
14.3	53.6	5087.8	550.0	-2.1	-30.1	259.1	11.3	10.6	4.0	321.7	323.7	0.6	10.0	6.5	56.
15.4	53.6	5455.9	525.0	-4.2	-49.0	283.8	15.1	13.6	6.7	323.4	323.7	0.1	1.5	7.7	59.
17.1	54.9	5839.6	500.0	-6.3	-49.0	216.0	16.2	13.4	9.1	325.4	325.7	0.1	1.8	9.3	56.
18.6	63.1	6237.5	475.0	-9.0	-49.4	225.4	13.3	9.5	9.4	326.4	329.2	0.1	2.1	10.2	57.
20.1	66.5	6544.2	450.0	-11.2	-49.9	225.0	14.0	9.9	9.9	329.1	329.5	0.1	2.4	11.4	56.
21.5	69.9	7089.9	425.0	-14.7	-49.9	229.0	17.0	12.8	11.1	330.2	330.5	0.1	2.8	12.7	55.
23.2	73.4	7546.3	400.0	-17.3	-51.9	223.1	26.1	17.8	19.1	332.2	330.8	0.1	3.1	14.6	56.
25.1	77.1	8328.5	375.0	-19.1	-52.6	212.4	29.6	19.8	25.0	336.2	336.6	0.1	3.3	17.9	51.
26.9	81.0	9174.0	350.0	-23.1	-53.4	228.0	29.7	19.9	26.2	337.6	337.9	0.1	3.8	21.0	46.
29.8	95.0	9976.7	325.0	-27.1	-54.4	209.4	30.7	15.1	26.6	339.4	339.6	0.1	4.3	24.2	45.
30.9	98.0	9647.6	300.0	-32.2	-54.5	209.6	31.9	19.3	27.4	339.9	340.2	0.1	4.0	24.0	43.
33.4	91.5	10256.6	275.0	-35.9	-55.7	209.0	33.4	16.2	29.2	343.2	343.5	0.1	10.9	32.8	41.
35.7	94.0	12912.7	250.0	-40.2	-59.9	209.7	32.0	15.4	28.1	346.3	346.5	0.1	999.9	37.1	39.
39.1	103.0	11622.2	225.0	-46.0	-59.9	213.6	34.6	19.1	28.0	349.1	349.4	0.1	999.9	42.2	38.
41.0	104.2	12394.1	200.0	-52.7	-59.9	209.7	35.5	17.6	30.9	349.4	349.9	0.1	999.9	47.8	38.
43.0	113.4	13251.9	175.0	-54.2	-54.9	214.2	33.4	18.8	27.7	357.1	357.1	0.1	999.9	54.1	37.
47.3	123.3	14213.4	150.0	-64.1	-54.9	213.3	22.9	12.6	19.2	359.6	359.9	0.1	999.9	59.7	37.
50.7	127.0	15307.6	125.0	-72.2	-59.9	207.9	23.9	11.2	21.1	364.2	364.2	0.1	999.9	64.1	36.
55.1	135.0	16622.3	100.0	-73.7	-59.9	222.3	15.9	10.7	11.8	368.4	368.4	0.1	999.9	69.4	36.
60.5	144.0	18333.9	75.0	-63.1	-59.9	177.3	7.9	10.4	7.9	400.7	400.7	0.1	999.9	72.6	36.
60.5	154.5	20442.4	50.0	-60.3	-59.9	111.2	8.4	-7.8	3.0	601.4	601.4	0.1	999.9	72.6	36.
60.7	155.3	25350.2	25.0	-46.9	-59.9	999.9	99.9	99.9	99.9	650.3	650.3	0.1	999.9	70.3	24.

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

STATION NO. 265
MIDLAND, TEXAS
8 JUNE 1979
285 GMT

TIME MIN	CNCT	MFIGHT GPM	PMES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DB H	E POT 1 DG K	HR RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	15.2	873.0	906.5	26.4	17.9	180.0	9.3	0.0	9.3	311.2	351.2	14.4	50.0	0.0	0.0
00.9	49.9	90.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.3	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
02.9	99.9	99.9	953.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03.9	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
04.2	15.8	917.5	500.0	29.9	19.4	178.7	15.8	-0.4	15.8	312.3	350.1	15.0	50.1	0.3	359.0
1.1	19.7	1199.1	875.0	27.9	17.2	179.8	15.5	0.0	15.5	312.0	352.8	14.3	52.4	1.0	359.0
2.1	20.7	1445.9	750.0	25.5	16.1	183.2	13.0	1.2	13.0	312.5	351.2	13.7	55.9	1.8	0.0
3.0	21.2	1738.6	875.0	24.2	15.0	200.4	10.2	3.5	9.5	314.2	349.1	12.3	53.0	2.4	3.0
3.8	21.7	1977.5	870.0	22.6	13.7	214.5	9.1	4.2	7.5	315.2	348.4	10.2	46.9	2.9	7.0
4.8	23.2	2272.9	775.0	20.2	12.2	228.0	7.5	5.5	5.0	315.6	347.3	8.9	45.9	3.2	12.0
5.9	23.8	2518.8	750.0	17.4	7.3	276.3	6.4	4.8	4.6	315.4	347.3	8.6	51.5	3.6	16.0
6.9	24.4	2823.4	725.0	14.7	5.6	322.5	6.7	5.3	4.1	315.4	348.6	7.9	54.4	4.0	19.0
7.9	25.1	3119.2	700.0	12.5	3.9	377.3	7.2	6.7	2.8	316.3	337.1	7.1	54.4	4.3	23.0
8.9	25.4	3415.3	675.0	9.9	-0.1	432.4	7.8	7.4	2.4	316.7	333.5	5.6	49.7	4.6	27.0
10.2	41.6	3735.8	650.0	7.3	-3.1	487.9	8.8	6.1	3.3	317.2	331.4	4.7	47.3	5.1	32.0
11.5	48.4	4057.1	625.0	4.3	-6.7	543.8	10.7	9.8	4.4	317.3	330.5	4.3	52.0	5.7	36.0
12.5	67.3	4397.9	600.0	2.2	-11.1	599.0	10.6	10.2	2.7	318.7	323.0	1.3	37.7	6.3	39.0
13.6	93.3	4738.6	575.0	0.4	-15.9	654.8	9.7	9.7	0.5	321.0	323.0	0.3	4.3	6.8	44.0
14.0	93.3	5079.3	550.0	-1.7	-21.1	710.7	13.3	12.6	4.4	322.1	323.1	0.3	6.4	7.5	47.0
16.3	56.1	5420.5	525.0	-3.7	-26.0	766.2	16.0	15.8	7.2	324.0	323.8	0.3	4.9	8.0	50.0
17.6	53.6	5837.8	500.0	-6.7	-30.6	821.9	17.2	15.2	8.1	324.9	323.8	0.2	5.2	10.0	52.0
18.9	62.4	6235.9	475.0	-5.0	-35.7	878.3	18.6	15.4	10.4	326.6	323.5	0.2	9.5	11.4	53.0
20.3	65.1	6632.0	450.0	-12.1	-40.7	934.3	16.0	11.6	11.1	329.0	323.5	0.1	4.1	12.8	52.0
21.0	63.6	7028.4	425.0	-15.2	-45.2	990.2	18.5	12.4	13.7	329.2	323.9	0.1	4.5	14.4	51.0
23.6	73.1	7541.6	400.0	-18.3	-49.6	1046.1	22.7	15.8	16.5	331.2	331.6	0.1	4.8	16.3	50.0
25.3	78.7	8071.0	375.0	-21.0	-54.3	1102.1	25.0	15.1	20.0	333.8	336.2	0.1	5.2	18.8	49.0
27.1	83.0	8526.6	350.0	-24.9	-59.5	1158.5	28.3	13.5	24.8	335.2	336.1	0.1	17.8	21.5	47.0
29.0	88.5	9033.1	325.0	-27.5	-64.4	1215.9	29.1	13.2	26.0	338.7	339.3	0.1	16.4	24.7	46.0
31.3	89.7	9531.7	300.0	-31.8	-69.7	1273.7	31.0	17.2	25.8	340.4	341.1	0.1	15.0	28.7	42.0
33.5	93.0	10042.9	275.0	-35.9	-74.9	1331.7	31.5	15.9	27.7	343.3	343.7	0.4	55.4	32.7	41.0
35.4	97.6	10500.8	250.0	-40.4	-80.9	1390.7	35.8	15.3	32.2	346.1	349.8	59.9	99.9	36.7	40.0
37.7	102.4	11013.3	225.0	-44.1	-86.9	1451.5	36.2	13.3	33.7	347.2	349.8	99.9	99.9	41.2	39.0
40.2	107.6	11522.6	200.0	-47.4	-92.9	1514.3	38.2	15.3	34.8	349.2	349.8	99.9	99.9	46.9	36.0
43.1	113.3	12039.8	175.0	-54.3	-99.9	1579.3	28.0	14.2	24.2	357.6	349.9	99.9	99.9	52.6	35.0
46.4	119.3	12501.8	150.0	-63.6	-108.3	1646.3	27.4	8.6	26.0	368.2	349.9	99.9	99.9	57.9	34.0
50.7	126.0	13004.3	125.0	-70.1	-119.1	1715.9	19.9	9.1	17.7	368.4	349.9	99.9	99.9	63.2	33.0
53.8	133.7	13619.3	100.0	-72.7	-128.3	1788.3	14.4	7.1	12.5	367.4	349.9	55.9	95.9	67.8	33.0
58.3	141.5	14228.1	75.0	-65.9	-138.9	1864.2	7.1	-2.6	6.6	434.1	349.9	59.9	99.9	70.6	32.0
61.1	151.7	14917.7	50.0	-57.6	-151.1	1944.1	8.9	-6.8	1.8	507.5	349.9	59.9	99.9	70.4	29.0
63.6	161.5	15683.6	25.0	-45.7	-165.9	2028.9	99.9	99.9	99.9	642.5	349.9	99.9	99.9	69.4	22.0

0.97 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0.99 TEMP MEANS TEMPERATURE CB TIME HAVE BEEN INTERPOLATED
0.99 HY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

8 JUNE 1979
065 GMT

138 11. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	15.4	873.0	909.6	25.0	22.9	170.0	9.3	-1.6	9.2	309.3	399.4	19.7	88.0	0.0	0.
99.9	99.9	99.9	1009.0	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	18.4	946.7	500.0	24.5	21.2	185.5	16.0	1.5	15.9	309.4	352.4	16.0	82.0	0.1	2.
1.4	18.4	1219.1	875.0	22.6	11.7	185.1	16.6	1.5	16.5	307.2	352.8	16.6	83.7	1.2	6.
2.5	21.3	1467.0	850.0	22.6	12.8	190.9	18.6	3.5	18.3	307.5	341.0	11.1	56.5	2.4	6.
3.5	23.8	1727.5	825.0	23.0	1.2	200.9	17.2	5.4	14.2	312.5	337.7	8.7	40.2	3.5	8.
6.0	26.3	1995.4	800.0	21.2	11.6	211.6	12.4	6.5	10.6	313.7	346.4	10.8	56.3	4.6	12.
7.1	29.0	2269.9	775.0	15.7	4.6	221.8	7.6	5.0	5.6	315.4	335.3	6.9	36.9	5.0	15.
7.1	31.5	2451.1	750.0	17.3	1.9	224.7	6.3	4.4	4.5	315.4	332.8	5.9	35.5	5.4	18.
8.4	34.1	2450.2	725.0	14.8	-0.3	239.2	8.4	4.5	4.2	315.7	331.2	5.2	35.5	5.8	20.
9.7	36.9	3136.5	700.0	11.0	-1.8	232.4	5.7	4.5	3.5	315.6	329.9	4.8	38.7	6.3	22.
11.1	39.5	3437.4	675.0	9.0	-3.7	226.2	5.2	3.7	3.6	315.7	328.7	4.3	40.5	6.7	24.
12.7	42.7	3747.3	650.0	6.1	-4.3	230.6	6.2	4.5	5.2	315.5	328.9	4.3	47.3	7.2	26.
14.7	45.1	4055.1	625.0	3.0	-1.7	218.3	8.4	5.2	6.6	315.5	330.0	4.7	61.2	7.9	27.
15.6	48.0	4195.4	600.0	-0.1	-4.2	215.9	6.5	5.6	7.7	316.6	330.0	4.7	73.8	8.6	28.
17.0	51.9	4737.1	575.0	-1.4	-17.6	220.0	12.1	7.8	9.3	318.4	324.0	1.8	29.4	9.5	29.
18.2	57.9	5097.9	550.0	-2.1	-11.3	226.3	11.5	8.6	7.6	321.4	321.8	0.1	1.0	10.4	30.
19.5	56.9	5459.0	525.0	-5.5	-13.4	236.4	10.0	6.4	5.6	321.5	322.1	0.0	1.0	11.1	32.
21.0	61.0	5418.0	500.0	-5.2	-49.2	237.8	11.6	9.8	6.2	321.5	322.2	0.1	2.2	12.0	33.
22.6	63.0	6233.5	475.0	-10.6	-47.6	238.8	12.2	10.4	6.3	324.5	325.3	0.1	3.0	13.1	36.
24.7	64.3	6647.2	450.0	-13.7	-68.7	235.5	14.1	11.6	8.0	326.6	326.6	0.1	3.3	14.5	38.
26.5	65.6	7379.2	425.0	-16.6	-9.9	225.2	16.5	12.5	10.6	327.7	328.8	0.1	3.7	16.2	39.
29.3	73.0	7532.0	400.0	-15.4	-81.5	222.7	20.0	13.6	14.7	329.4	330.2	0.1	4.1	18.0	40.
33.1	74.6	8009.0	375.0	-22.2	-25.5	212.0	25.0	13.3	21.2	332.4	336.4	1.3	74.4	20.4	40.
31.9	83.2	6513.6	350.0	-25.1	-27.4	205.3	25.4	12.6	26.6	334.5	338.9	1.1	80.7	23.3	38.
37.4	84.9	9247.4	325.0	-29.7	-30.9	203.6	26.9	10.6	24.6	335.6	339.0	0.9	89.1	26.5	37.
36.1	94.0	9616.1	300.0	-33.5	-26.6	205.9	26.8	11.7	24.1	338.3	339.0	0.5	73.0	30.1	35.
34.5	92.2	10226.1	275.0	-37.3	-33.8	203.5	29.4	11.7	27.0	341.3	342.3	0.3	65.8	33.9	34.
40.8	94.6	10972.5	250.0	-41.9	-59.9	202.0	35.0	13.4	33.2	343.7	349.9	0.9	59.9	36.4	33.
43.4	101.4	11578.0	225.0	-47.6	99.9	198.7	36.2	11.8	34.3	345.8	349.9	0.9	99.9	43.9	31.
46.1	106.4	12349.4	200.0	-51.5	59.9	203.6	36.5	14.6	33.4	351.3	349.9	0.9	99.9	50.3	30.
48.4	111.8	13209.5	175.0	-57.4	59.9	201.3	27.9	10.1	26.0	353.8	349.9	0.9	99.9	54.9	29.
51.8	119.0	14161.7	150.0	-65.1	59.9	193.6	28.6	6.7	27.8	357.5	349.9	0.9	99.9	59.9	28.
55.3	124.7	15259.7	125.0	-72.0	59.9	210.0	24.6	12.3	21.3	364.2	349.9	0.9	99.9	65.6	27.
59.7	132.3	16506.4	100.0	-74.8	59.9	187.9	13.7	1.8	13.2	363.5	349.9	0.9	99.9	70.1	27.
64.6	141.5	17289.5	75.0	-64.5	99.9	138.6	7.0	-4.6	8.3	433.2	349.9	0.9	99.9	72.4	24.
77.4	152.5	20776.7	50.0	-57.9	99.9	104.3	5.8	-9.5	2.4	507.1	349.9	0.9	99.9	73.1	24.
86.0	165.0	25242.3	25.0	-48.8	99.9	84.0	14.2	-14.2	-1.9	644.4	349.9	0.9	99.9	69.5	17.

0 BY SPEED MEAN ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEAN TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEAN ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 269
MIDLAND, TEXAS
0 JUNE 1979
085 GMT

158 7. 0

TIME MIN	CHICT	WEIGHT GPM	PRES IN.	TEMP DEG C	DEW PT DEG C	DIR DD	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG M	MR RTU CM/KG	RM PCT	RANGE KM	AZ DG
0.0	15.2	871.0	908.9	23.3	20.6	173.0	5.1	-0.9	5.0	304.7	350.7	17.1	85.8	0.0	0.
92.9	42.9	92.0	1020.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
93.9	42.9	92.0	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
94.9	42.9	92.0	950.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
95.9	42.9	92.0	925.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
96.9	42.9	92.0	900.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	42.9	92.0	875.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
98.9	42.9	92.0	850.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	42.9	92.0	825.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.3	17.5	1268.9	875.0	27.5	19.9	191.9	13.7	2.8	13.4	307.2	353.5	17.1	85.4	0.0	3.
2.6	17.5	1460.9	850.0	24.7	19.1	206.4	18.0	7.1	14.4	313.0	376.1	6.0	32.7	1.9	14.
3.4	21.5	1723.1	825.0	24.9	7.1	208.8	13.3	6.0	11.9	315.0	338.3	8.0	33.3	2.4	18.
4.5	14.1	1987.0	825.0	22.1	7.4	211.3	11.1	5.0	9.5	314.5	338.5	8.1	34.2	3.0	21.
5.7	22.6	2267.2	775.0	20.2	6.7	208.8	8.2	3.5	7.6	315.2	318.7	8.0	41.4	4.3	22.
6.9	31.1	5561.4	725.0	17.4	3.0	202.7	6.7	3.0	6.0	315.2	324.2	8.4	34.3	4.0	24.
8.2	11.9	4817.2	725.0	15.1	-2.2	211.8	5.4	3.0	4.5	316.6	331.3	5.1	34.5	5.2	23.
9.2	19.6	3133.1	700.0	12.7	2.8	194.6	5.7	1.9	5.4	316.6	330.1	4.5	33.9	5.5	23.
10.5	19.3	3692.1	675.0	10.1	-1.4	198.5	7.6	1.1	7.5	316.5	272.3	5.2	44.9	6.1	27.
11.9	82.1	1749.6	625.0	7.3	-2.0	194.4	8.2	1.4	8.4	317.2	332.5	5.1	51.6	6.7	21.
13.7	49.3	4070.0	625.0	4.2	-1.7	193.3	9.6	3.2	9.0	317.2	333.4	5.4	65.4	7.4	20.
14.7	65.0	4401.3	600.0	1.2	-5.5	185.6	10.5	5.2	9.2	317.2	330.4	4.2	61.1	8.1	20.
16.0	53.9	4782.9	575.0	-0.6	-20.9	228.2	12.0	4.7	8.3	319.1	323.6	1.3	20.8	9.2	22.
17.4	51.9	5092.4	550.0	-1.5	-47.2	222.7	11.2	1.6	8.2	322.2	222.7	0.1	1.8	13.0	21.
18.3	52.0	5465.7	525.0	-4.2	-24.6	219.9	10.1	6.3	7.8	323.4	323.6	0.1	1.0	10.9	26.
20.5	62.1	4348.3	500.0	-6.4	-54.0	210.9	5.9	6.3	7.6	325.2	325.5	0.0	1.0	11.9	27.
22.3	62.4	6257.2	475.0	-5.2	-53.7	217.4	11.0	8.7	8.7	326.6	327.6	0.0	1.0	14.0	24.
23.9	62.6	6662.6	450.0	-12.0	-57.9	223.4	12.6	9.7	11.4	328.1	270.9	0.1	2.2	15.4	30.
25.5	73.3	7326.1	425.0	-15.8	-51.9	220.4	14.9	9.7	11.4	328.1	334.0	2.0	84.2	17.1	31.
27.3	73.7	7500.5	400.0	-18.2	-19.7	213.2	18.7	10.2	15.6	331.2	334.0	0.1	63.4	19.3	31.
29.1	72.4	6111.7	375.0	-21.0	-22.9	209.3	21.8	10.2	19.0	332.7	235.6	1.1	63.4	22.1	31.
31.0	81.1	6534.8	350.0	-24.6	-26.9	200.4	24.6	8.6	23.1	335.5	330.1	1.2	79.4	24.1	30.
33.1	84.3	9170.1	325.0	-28.4	-31.7	197.4	24.4	7.4	23.7	338.1	330.8	0.8	76.7	24.9	29.
35.3	71.5	6438.0	300.0	-33.0	-37.6	201.6	27.3	10.1	23.4	338.1	330.8	0.1	80.8	26.3	28.
37.7	92.8	10243.7	275.0	-36.8	-43.2	195.7	33.0	11.1	31.1	341.5	342.9	0.3	43.4	32.6	27.
42.4	98.4	10597.6	250.0	-40.5	-49.4	197.7	39.9	12.1	34.0	345.2	999.9	99.9	999.9	38.7	25.
43.4	132.4	11606.9	225.0	-44.4	-59.9	201.4	35.0	14.9	36.9	347.4	999.9	99.9	999.9	45.9	24.
46.5	117.6	12141.1	200.0	-50.9	-64.4	200.1	38.3	13.2	36.0	347.2	999.9	99.9	999.9	51.4	24.
50.1	114.5	13344.1	175.0	-56.8	-64.4	198.6	28.6	8.2	27.6	354.6	809.9	55.9	959.9	60.4	24.
53.8	125.3	14201.6	150.0	-64.2	-64.4	185.7	27.3	4.8	26.9	359.1	999.9	99.9	999.9	66.5	22.
57.6	127.3	14701.1	125.0	-70.1	-64.4	185.7	27.3	4.8	18.4	368.1	999.9	99.9	999.9	72.4	21.
62.3	134.1	16417.2	100.0	-72.5	-64.4	193.6	14.7	3.3	14.3	385.0	999.9	99.9	999.9	76.5	27.
68.4	148.7	18311.0	75.0	-64.0	-64.4	182.1	9.9	-3.0	9.4	423.1	999.9	99.9	999.9	80.2	21.
77.8	154.0	23825.6	50.0	-58.2	-64.4	182.4	5.1	-8.9	2.0	506.4	959.9	95.9	959.9	81.6	19.
92.5	164.5	25303.1	25.0	-48.3	-64.4	98.6	13.1	-13.8	1.5	495.4	599.9	99.9	999.9	78.9	12.

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

STATION NO. 265
MIDLAND, TEXAS

6 JUNE 1979
1100 GMT

ISS 14. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DBS BY DEG C	DIR DEG	SPED M/SEC	U-COMP M/SEC	V-COMP M/SEC	POT 1 DEG K	S POT T DEG K	P 10 KG	RM PCT	RANGE KM	AZ DEG
00	14.6	873.0	909.6	21.7	19.6	140.0	4.6	-3.0	3.5	303.6	345.9	10.1	88.0	0.0	0.
00	99.0	99.0	1009.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00	99.0	99.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00	99.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00	99.0	99.0	525.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
02	15.5	986.0	900.0	22.8	21.0	903.9	99.0	99.0	99.0	305.0	352.5	17.7	80.3	999.0	999.0
1.3	17.9	1212.3	875.0	21.2	19.9	990.9	99.0	99.0	99.0	309.5	351.8	17.0	92.2	999.0	999.0
2.3	20.3	1464.7	650.0	22.0	15.5	191.1	13.5	3.0	13.2	309.3	346.3	13.4	69.7	1.9	6.
3.5	22.7	1725.2	825.0	22.2	3.4	204.5	14.8	6.2	13.5	313.2	330.7	6.0	27.5	3.0	9.
4.5	25.2	1993.0	800.0	22.6	4.5	218.6	10.9	6.8	6.5	313.2	330.7	6.0	30.7	3.0	14.
5.8	27.8	2267.7	775.0	19.5	4.9	222.5	8.7	5.9	6.4	314.6	335.2	7.0	37.9	4.4	18.
7.0	30.3	2566.9	750.0	17.1	3.6	216.1	7.3	4.3	5.9	315.1	334.6	6.6	40.5	4.9	20.
8.1	32.9	2837.0	725.0	14.5	1.6	214.1	7.6	4.2	6.3	315.4	334.6	6.6	41.6	5.6	22.
9.3	35.6	3132.6	700.0	11.9	-0.2	209.5	6.9	3.0	6.2	315.7	331.8	5.4	43.3	5.9	23.
10.4	38.2	3435.8	675.0	9.2	-0.7	198.5	7.3	1.8	7.1	316.0	332.1	5.4	49.0	6.4	22.
11.7	41.0	3747.4	650.0	6.9	-1.1	189.9	7.8	1.3	7.7	316.6	333.0	5.4	56.5	6.9	21.
13.1	43.8	4069.5	625.0	3.9	0.3	191.6	8.7	1.7	8.1	316.6	335.6	6.3	77.8	7.6	21.
14.5	46.7	4399.0	600.0	0.7	-0.7	192.4	9.9	2.1	8.4	316.6	334.9	6.1	90.3	8.4	20.
16.3	49.6	4740.2	575.0	-1.4	-8.0	200.6	8.8	3.3	8.9	318.4	329.6	3.7	60.8	9.2	19.
17.5	52.6	5092.9	550.0	-4.0	-22.7	201.7	9.8	3.6	9.1	319.3	324.7	1.7	32.5	10.1	20.
18.9	55.6	5459.2	525.0	-7.1	-26.2	168.8	9.3	2.7	9.9	322.2	324.2	0.8	14.9	10.9	20.
20.5	58.6	5840.3	500.0	-8.2	-15.0	189.9	8.9	1.5	9.8	323.1	330.7	2.4	57.5	11.8	19.
22.1	61.9	6237.1	475.0	-10.4	-22.2	195.9	8.3	2.3	8.0	325.1	329.6	1.4	37.1	12.6	19.
23.9	65.1	6651.0	450.0	-13.7	-19.3	184.7	8.6	0.7	8.6	326.1	332.2	1.8	62.7	13.4	18.
25.6	68.5	7083.2	425.0	-16.9	-17.0	185.2	9.4	0.9	9.4	327.2	335.1	2.4	59.1	14.3	17.
27.6	72.0	7535.0	400.0	-20.5	-33.4	196.1	10.5	4.0	13.9	328.4	330.4	0.6	30.1	15.7	17.
29.8	75.7	8010.5	375.0	-22.9	-51.5	198.7	10.5	4.0	13.9	328.4	330.4	0.6	30.1	15.7	17.
31.7	79.3	8512.9	350.0	-25.8	-53.1	202.9	20.9	9.7	23.0	331.3	331.7	0.1	5.3	18.0	17.
34.0	83.3	9046.6	325.0	-29.0	-55.0	200.3	31.7	11.0	29.7	336.7	337.0	0.1	6.1	24.1	18.
36.4	87.3	9615.1	300.0	-32.0	-56.8	203.8	34.0	13.9	31.9	340.2	340.3	0.1	6.5	27.1	19.
38.8	91.7	10225.3	275.0	-35.9	-55.4	201.2	37.5	13.5	31.0	343.3	343.8	0.1	11.5	34.2	19.
41.1	96.2	10870.7	250.0	-41.4	59.9	193.5	40.8	9.5	39.7	346.2	999.0	99.0	995.9	39.6	19.
43.9	101.0	11584.4	225.0	-47.6	99.9	194.3	40.3	10.0	39.1	349.2	999.0	99.0	995.9	46.4	18.
46.9	106.2	12357.2	200.0	-51.7	99.9	201.6	38.7	14.2	35.8	350.4	999.0	99.0	995.9	53.8	18.
50.1	111.8	13211.7	175.0	-57.5	99.9	201.6	37.1	13.8	30.4	359.0	999.0	99.0	999.0	60.8	19.
53.8	118.0	14168.2	150.0	-65.8	99.9	198.7	31.0	9.9	29.3	358.2	999.0	99.0	999.0	68.1	19.
58.0	124.7	15277.6	125.0	-67.6	99.9	201.7	18.2	8.7	16.9	372.6	999.0	99.0	959.0	74.7	19.
62.8	132.3	16598.3	100.0	-72.8	99.9	195.0	17.1	4.4	16.5	377.1	999.0	99.0	959.0	79.0	19.
68.9	141.3	18118.1	75.0	-67.0	99.9	139.5	18.1	-6.6	7.7	432.4	999.0	99.0	995.9	84.3	18.
77.7	151.7	20823.6	50.0	-58.2	99.9	97.0	10.2	-10.1	1.2	506.4	999.0	99.0	995.9	84.0	15.
91.8	163.0	25315.7	25.0	-47.9	99.9	88.9	13.3	-12.3	-0.2	648.6	999.0	99.0	995.9	81.2	8.

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

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OF POOR QUALITY

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STATION NO. 270
EL PASO, TEXAS

7 JUNE 1979
1225 GMT

155 9. 0

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP OG C	DEW PT OG C	DIR OG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT V DG R	E POT V OG R	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	1193.0	874.8	21.6	5.5	230.0	6.2	4.7	6.0	308.3	324.7	6.5	35.0	0.0	0.
00.0	93.9	984.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	71.7	1441.0	850.0	20.2	6.4	595.9	99.9	99.9	99.9	307.3	327.5	7.2	40.7	944.9	999.9
2.0	24.3	1698.7	825.0	18.3	5.6	999.9	99.9	99.9	99.9	308.6	327.8	7.0	43.3	949.9	999.9
3.1	20.9	1661.6	800.0	16.9	4.6	283.9	13.2	12.9	-3.2	308.7	327.7	6.7	45.2	0.6	57.
4.9	20.6	2212.0	775.0	16.1	4.3	282.0	14.4	18.9	-4.2	311.2	330.7	6.8	45.4	2.1	84.
6.9	17.3	2513.5	750.0	15.3	1.8	283.1	16.9	19.4	-4.5	313.1	330.2	5.9	40.1	3.4	96.
8.9	15.3	2762.0	725.0	13.7	0.5	282.2	12.9	12.9	-2.8	314.8	330.8	5.5	40.4	6.1	97.
7.4	37.8	1071.3	700.0	10.9	-1.1	296.0	5.7	5.1	-2.5	314.2	329.6	5.1	43.4	6.6	97.
8.5	67.7	3393.4	675.0	8.3	-2.0	278.2	3.8	3.4	-0.5	315.6	329.5	4.9	47.9	6.8	98.
9.4	63.6	3733.9	650.0	5.4	-3.5	257.3	4.5	4.4	1.0	316.1	329.4	4.6	52.5	5.0	98.
10.3	64.9	4023.7	625.0	3.5	-6.4	226.8	5.3	6.1	3.4	316.2	329.5	4.3	56.3	5.2	96.
11.6	69.5	4353.4	600.0	0.4	-5.8	216.4	5.5	3.3	6.5	316.6	329.2	4.2	63.2	5.5	92.
13.2	55.6	4663.6	575.0	-2.3	-6.4	221.4	5.1	3.4	3.8	317.3	329.7	4.1	73.8	5.4	86.
14.6	55.7	5045.3	550.0	-5.1	-7.9	225.2	2.9	2.0	2.0	318.6	329.7	3.8	80.8	6.0	86.
16.0	59.9	5409.3	525.0	-7.8	-14.3	224.9	3.6	2.5	2.5	319.1	325.7	2.4	59.5	6.2	84.
17.4	67.0	5787.5	500.0	-10.1	-19.3	259.1	4.3	4.2	0.8	320.7	326.1	1.7	46.7	6.5	83.
18.8	63.6	6181.2	475.0	-12.1	-30.9	271.8	5.8	5.0	-0.2	323.6	325.1	0.4	19.4	6.9	83.
20.2	69.9	6593.7	450.0	-13.4	-36.8	193.3	2.5	0.8	2.4	324.4	327.9	0.4	14.5	7.2	84.
21.8	72.4	7025.9	425.0	-16.9	-37.5	76.2	3.3	-3.2	-0.8	327.4	328.7	0.4	14.6	7.0	84.
24.0	76.3	7478.4	400.0	-19.7	-33.4	51.7	5.1	-4.0	-3.1	329.4	331.4	0.6	24.3	6.7	85.
25.4	79.9	7954.4	375.0	-27.2	-47.0	55.6	5.2	-4.3	-2.9	330.6	331.7	0.2	14.2	6.2	87.
26.9	81.8	8455.9	350.0	-27.0	-48.3	91.9	4.0	-4.0	0.1	334.4	333.2	0.2	17.3	5.7	90.
28.7	87.8	8984.5	325.0	-27.6	-48.5	184.0	5.8	0.4	5.8	338.6	339.4	0.2	16.2	5.9	87.
30.6	92.2	9560.1	300.0	-21.7	-48.7	226.5	14.8	10.7	10.2	340.6	341.3	0.1	16.5	6.3	86.
32.5	95.6	10169.9	275.0	-36.2	-52.6	225.2	24.5	17.4	17.3	342.8	343.2	0.1	16.4	6.4	72.
34.7	101.4	10824.2	250.0	-41.5	-59.9	219.0	32.4	22.3	27.5	344.4	344.4	99.9	956.9	11.9	82.
36.9	104.2	11532.8	225.0	-45.9	-59.9	214.3	38.3	21.5	31.6	348.1	348.1	99.9	999.9	16.7	56.
39.7	111.6	12304.9	200.0	-51.4	-59.9	211.3	35.4	18.2	30.4	351.4	349.9	99.9	999.9	22.4	49.
42.5	116.5	13161.7	175.0	-57.6	-59.9	213.5	37.5	20.7	31.3	354.6	349.9	99.9	999.9	28.5	44.
45.7	123.8	14119.8	150.0	-64.5	-59.9	216.9	35.6	22.4	27.7	358.6	349.9	99.9	999.9	35.6	43.
49.2	130.7	15119.0	125.0	-62.1	-59.9	214.0	26.8	15.8	22.2	371.6	349.9	99.9	999.9	42.0	43.
53.2	133.3	16358.0	100.0	-62.1	-59.9	226.7	17.4	12.7	12.0	386.3	349.9	99.9	999.9	47.7	41.
58.1	147.0	18741.2	75.0	-64.3	-59.9	191.2	4.8	0.9	4.8	434.6	349.9	99.9	999.9	49.8	42.
65.2	156.7	20791.4	50.0	-56.7	-59.9	110.3	7.4	-7.2	2.7	504.8	349.9	99.9	999.9	49.1	39.
75.8	163.7	25789.2	25.0	-49.2	-59.9	98.8	13.5	-13.8	2.1	608.8	349.9	99.9	999.9	60.9	32.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG
 0 BY TEMP MEANS TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

7 JUNE 1979
1435 GMT

153 14. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP OC C	DIR PT DC C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POI 1 DC M	E POT 1 DC K	MX STO GM/KG	RM PCT	RANGE KM	AZ DC
00	18.6	3193.0	876.4	21.4	6.6	250.0	4.8	1.7	310.6	330.1	7.8	30.0	0.0	0.
00	18.7	1207.0	875.0	21.8	6.8	260.6	6.4	1.0	309.6	330.0	7.1	31.7	0.0	30.
01	18.7	1459.6	850.0	21.8	6.6	204.2	9.9	2.4	309.6	329.6	7.2	37.2	0.5	103.
2.4	23.7	1717.7	825.0	19.6	5.8	283.0	12.3	-2.8	309.3	329.4	7.0	60.3	1.3	103.
3.5	26.2	1981.9	800.0	18.2	5.1	291.3	14.1	-2.8	310.2	330.5	6.9	42.2	2.2	103.
4.3	28.8	2253.2	775.0	16.6	2.9	267.5	11.7	0.5	311.6	329.4	6.1	39.8	2.8	102.
5.3	31.6	2531.7	750.0	14.9	1.0	262.9	10.1	1.2	312.7	328.8	5.5	38.9	3.4	98.
6.1	34.0	2817.3	725.0	12.4	-0.1	270.3	10.0	-0.1	313.1	328.5	5.2	41.9	3.9	97.
6.9	36.7	3110.5	700.0	9.7	-1.1	274.6	9.3	-0.8	313.3	328.2	5.9	46.6	4.4	96.
7.5	39.4	3411.3	675.0	7.0	-2.0	262.9	7.6	0.1	313.4	328.0	4.9	52.8	4.8	96.
8.9	42.2	3720.3	650.0	4.5	-3.6	253.9	7.2	2.5	315.1	327.6	4.5	55.7	5.3	95.
10.1	45.1	4039.1	625.0	2.5	-5.4	236.2	6.4	4.8	315.3	327.7	4.1	55.9	5.8	92.
11.7	47.9	4368.3	600.0	0.5	-6.8	237.8	6.7	4.6	316.6	328.4	3.8	57.5	6.5	87.
13.3	50.9	4708.5	575.0	-2.8	-8.2	239.3	6.8	3.6	317.6	328.1	3.4	59.8	7.2	84.
14.8	53.9	5080.2	550.0	-5.2	-10.4	239.5	6.8	3.0	317.6	327.7	3.2	66.9	7.7	82.
16.1	57.0	5423.7	525.0	-8.0	-15.2	239.5	6.9	2.0	318.6	325.8	2.2	56.3	8.1	81.
17.6	63.1	5802.2	500.0	-10.1	-27.7	156.5	1.4	1.3	328.1	324.8	0.8	20.3	8.2	81.
19.2	63.6	6198.9	475.0	-13.4	-34.2	140.0	2.4	1.8	325.2	327.0	0.4	11.8	8.2	79.
20.0	66.7	6613.2	450.0	-16.9	-38.7	130.4	4.0	2.6	326.2	328.0	0.4	14.6	8.0	78.
22.4	70.3	7085.2	425.0	-19.9	-38.1	143.6	4.7	3.8	327.3	328.5	0.3	13.8	7.8	75.
24.0	73.8	7497.6	400.0	-22.7	-39.5	123.5	5.6	3.1	328.2	330.3	0.2	15.9	7.6	72.
25.9	77.4	7973.0	375.0	-25.7	-42.4	136.1	6.8	4.9	330.3	331.2	0.2	15.9	7.2	68.
27.5	81.3	8473.5	350.0	-28.2	-46.0	144.3	7.5	6.1	332.1	332.9	0.2	19.2	7.0	61.
29.7	85.2	9003.1	325.0	-30.3	-46.8	183.6	8.9	8.9	332.4	335.6	0.2	18.0	7.2	54.
31.7	89.3	9573.0	300.0	-31.5	-49.2	216.3	17.0	13.4	341.6	361.6	0.1	15.3	6.5	50.
33.8	93.8	10183.2	275.0	-34.2	-53.2	220.0	27.4	21.0	348.6	361.2	0.1	15.2	11.3	48.
36.1	98.4	10837.7	250.0	-41.3	-59.9	214.4	33.6	27.7	348.8	369.9	0.6	15.3	15.3	45.
39.3	103.3	11544.8	225.0	-48.8	-69.9	210.2	35.6	30.8	348.3	369.9	0.9	15.3	20.1	42.
42.8	109.6	12322.2	200.0	-50.0	-69.9	208.7	37.2	33.1	357.6	369.9	0.9	15.3	25.6	39.
43.6	114.3	13160.6	175.0	-51.1	-69.9	217.3	41.4	36.8	355.8	369.9	0.9	15.3	32.0	37.
46.7	120.8	14139.0	150.0	-51.9	-69.9	211.4	34.5	31.1	360.6	369.9	0.9	15.3	39.4	35.
53.1	127.7	15237.7	125.0	-65.2	-69.9	216.9	24.5	21.2	369.7	369.9	0.9	15.3	45.9	35.
54.1	131.7	16377.0	100.0	-66.2	-69.9	231.3	6.6	8.0	398.4	369.9	0.9	15.3	50.0	30.
59.1	145.0	18112.4	75.0	-66.2	-69.9	155.0	6.7	6.1	434.1	369.9	0.9	15.3	51.3	35.
66.4	155.3	20835.2	50.0	-66.2	-69.9	122.5	8.0	4.3	504.4	369.9	0.9	15.3	51.6	32.
74.0	166.0	25331.5	25.0	-66.9	-69.9	77.0	-10.7	-2.5	649.1	369.9	0.9	15.3	49.7	25.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS
7 JUNE 1978
1705 GMT

TIME MIN	CNCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG F	E POT V DG K	MR WTC GM/KG	RM PCT	RANGE NM	AZ DEG
0-0	10-3	1193.0	876.5	27.5	6.3	260.0	6.2	6.1	1.1	312.1	332.1	6.9	26.0	0-0	0-
00-0	99-9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	95.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	950.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	925.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	900.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	875.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	850.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	825.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	800.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	775.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	750.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	725.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	700.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	675.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	650.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	625.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	600.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	575.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	550.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	525.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	500.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	475.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	450.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	425.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	400.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	375.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	350.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	325.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	300.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	275.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	250.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	225.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	200.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	175.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	150.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	125.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	100.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	75.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	50.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	25.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
00-0	99-9	99.9	0.0	99.9	99.9	99.9	95.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 270
EL PASO, TEXAS
7 JUNE 1979
2085 GMT

153 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG M	E POT T DEG K	HR STD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	18.8	1193.0	875.5	31.1	4.8	250.0	7.7	7.2	2.8	316.1	336.3	6.2	19.0	0.0	0.
00.9	09.8	99.9	1000.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	15.6	1194.1	875.0	30.7	5.3	999.0	79.9	99.9	99.9	315.7	336.6	6.4	20.3	99.9	99.9
1.4	21.4	1456.9	850.0	22.3	5.6	999.9	75.9	99.9	99.9	313.7	333.3	6.7	20.8	99.9	99.9
2.4	23.9	1716.6	825.0	23.8	4.5	999.9	99.9	99.9	99.9	313.6	332.4	6.4	20.9	99.9	99.9
3.8	20.6	1986.3	800.0	21.4	5.6	999.9	99.9	99.9	99.9	314.6	336.9	7.2	35.7	99.9	99.9
5.0	20.2	2258.3	775.0	18.8	5.0	243.5	8.5	7.8	3.5	314.1	336.7	7.1	40.1	2.9	61.
6.1	31.9	2438.5	750.0	14.0	4.5	299.1	7.2	6.7	2.5	313.5	336.5	7.1	42.5	3.4	62.
7.2	36.6	2923.7	725.0	13.3	3.8	272.4	6.0	6.0	-0.3	314.1	336.4	7.0	52.5	3.8	63.
9.5	17.3	3119.6	700.0	10.1	2.3	274.0	7.2	7.1	-1.1	313.7	337.6	2.5	58.4	4.5	71.
13.5	43.1	3421.0	675.0	7.9	-1.4	260.6	6.1	6.0	1.0	314.4	339.6	5.1	51.7	5.3	74.
12.8	41.0	3731.1	650.0	5.7	-4.4	252.4	4.4	4.4	1.4	315.4	328.2	4.3	44.3	7.7	74.
14.0	49.9	4051.0	625.0	4.0	-7.7	249.0	2.6	3.3	1.3	317.1	327.6	3.4	4.1	6.0	74.
13.2	49.9	4381.2	600.0	1.1	-8.8	242.9	2.3	2.0	1.0	317.4	327.5	3.3	47.5	6.2	73.
18.6	52.0	4721.7	575.0	-2.0	-9.9	236.7	2.0	1.7	1.1	317.6	327.3	3.1	84.7	6.4	73.
18.0	55.1	5073.3	550.0	-5.4	-11.9	212.0	3.7	2.8	3.2	317.7	326.4	2.8	69.0	6.6	72.
19.4	59.3	5636.9	525.0	-7.7	-18.1	209.0	6.5	3.2	5.7	319.2	321.6	1.7	17.5	6.9	70.
22.7	61.6	5815.2	500.0	-5.8	-19.0	210.0	8.7	4.4	7.6	321.1	328.6	1.7	27.1	7.4	67.
22.2	65.0	6209.3	475.0	-11.5	-25.8	199.4	8.2	2.7	7.8	323.7	327.0	1.0	29.2	8.0	63.
23.7	69.4	6622.0	450.0	-13.3	-26.6	203.4	7.8	3.1	7.1	324.1	326.7	0.0	6.0	8.5	62.
25.4	72.0	7053.7	425.0	-17.4	-22.8	202.7	8.9	3.4	8.2	326.1	327.0	0.1	2.8	9.2	57.
27.0	75.6	7504.9	400.0	-21.2	-22.2	197.9	12.2	3.8	11.6	327.4	327.0	0.1	4.2	10.0	53.
28.8	79.3	7978.3	375.0	-24.2	-25.4	202.0	18.2	8.8	16.8	329.6	329.8	0.1	3.7	11.4	47.
30.6	83.3	8478.8	350.0	-27.0	-27.0	195.9	18.5	5.1	17.6	332.4	332.6	0.0	3.8	13.2	45.
31.7	87.4	9039.6	325.0	-25.9	-27.2	191.9	21.7	9.8	20.9	335.1	335.4	0.0	3.9	15.3	40.
34.5	91.7	9571.4	300.0	-32.4	-30.5	197.7	25.6	7.8	24.4	339.1	339.6	0.0	4.3	17.8	37.
36.4	96.2	10163.4	275.0	-16.8	-22.7	198.1	33.4	18.4	31.8	342.6	342.1	0.0	4.8	21.0	34.
33.7	101.0	10639.2	250.0	-41.6	-29.9	199.7	34.9	13.1	36.6	345.3	345.1	0.0	95.9	25.9	31.
43.2	106.0	11590.7	225.0	-44.4	-29.9	200.3	44.8	15.6	42.1	350.1	350.9	95.9	95.9	32.1	29.
43.8	111.5	12328.5	200.0	-51.8	-29.9	202.7	47.6	15.3	43.9	352.6	352.6	99.9	99.9	39.7	27.
48.7	117.5	13185.4	175.0	-57.3	-29.9	207.4	42.5	19.6	37.6	355.2	355.9	99.9	99.9	47.3	27.
49.7	124.0	14147.6	150.0	-62.2	-29.9	201.7	32.6	13.1	29.9	363.6	363.6	99.9	99.9	54.0	27.
53.3	131.0	15260.4	125.0	-68.1	-29.9	199.3	25.1	8.3	23.7	375.2	375.2	99.9	99.9	60.0	24.
57.3	137.0	16602.7	100.0	-68.4	-29.9	195.0	12.7	3.3	12.3	395.8	395.8	99.9	99.9	66.6	20.
62.4	147.3	18337.2	75.0	-62.8	-29.9	157.2	6.5	-2.5	6.0	441.8	441.8	99.9	99.9	66.8	23.
69.4	156.3	27563.5	50.0	-52.1	-29.9	127.5	8.6	-8.8	5.2	506.8	506.8	99.9	99.9	68.1	23.
81.1	165.3	25156.0	25.0	-44.4	-29.9	59.9	99.9	99.9	99.9	651.2	651.2	99.9	99.9	68.9	17.

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. 270
EL PASO, TEXAS

7 JUNE 1978
2305 GMT

167 19. 0

TIME MIN	CNCT	FLIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG R	E POT V DG K	HR RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	19.5	1193.0	874.3	32.6	6.0	250.0	6.8	8.3	3.0	317.7	337.7	6.7	19.0	0.0	0.0
09.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.1	23.9	1484.0	853.0	27.4	9.0	999.9	99.9	99.9	99.9	314.6	339.6	6.6	31.3	999.9	999.9
2.4	23.6	1767.1	825.0	24.9	7.6	999.9	99.9	99.9	99.9	314.6	339.6	6.6	31.3	999.9	999.9
4.3	25.9	1975.9	800.0	22.6	6.2	999.9	99.9	99.9	99.9	315.4	336.5	7.2	34.5	999.9	999.9
5.9	29.5	2251.0	775.0	20.0	5.3	999.9	99.9	99.9	99.9	315.4	336.5	7.2	37.9	999.9	999.9
7.5	31.1	2532.3	750.0	17.2	3.5	999.9	99.9	99.9	99.9	314.6	334.6	6.6	40.2	999.9	999.9
8.9	31.7	2820.7	725.0	14.6	3.3	999.9	99.9	99.9	99.9	315.4	335.1	6.7	46.5	999.9	999.9
13.2	36.3	3114.1	700.0	12.0	2.5	252.2	7.0	6.7	2.1	315.4	335.1	6.6	52.1	999.9	999.9
11.6	39.1	3419.2	675.0	9.7	0.9	245.0	7.4	6.7	3.1	315.4	332.5	5.7	57.9	999.9	999.9
12.7	41.9	3730.3	650.0	5.9	-0.6	241.8	7.1	6.2	3.3	315.4	332.5	5.7	62.8	999.9	999.9
14.3	44.8	4053.3	625.0	3.2	-5.1	237.4	6.6	5.6	3.6	316.1	326.8	4.2	54.7	999.9	999.9
15.6	47.7	4380.3	600.0	0.9	-6.1	241.7	4.3	3.6	2.0	317.2	327.6	3.5	50.8	999.9	999.9
17.3	50.6	4720.7	575.0	-2.2	-9.3	239.6	4.0	3.5	2.0	317.2	327.6	3.3	58.1	999.9	999.9
18.3	53.6	5072.2	550.0	-5.1	-12.6	225.7	4.9	3.5	3.4	318.6	326.3	2.7	55.7	999.9	999.9
19.6	56.6	5435.9	525.0	-7.7	-18.6	227.2	6.4	4.7	4.4	319.2	324.6	1.7	41.8	999.9	999.9
21.0	59.9	5811.9	500.0	-5.8	-31.2	206.6	9.1	3.6	7.2	321.1	323.0	0.6	15.5	999.9	999.9
24.4	64.4	6619.9	450.0	-12.9	-36.9	204.0	11.2	4.6	10.2	322.1	323.0	0.4	13.3	999.9	999.9
25.9	69.9	7311.0	425.0	-17.5	-39.0	199.3	11.4	1.9	12.6	325.4	327.1	0.4	12.5	999.9	999.9
27.5	73.4	7974.5	400.0	-21.3	-41.2	203.4	9.8	3.9	9.0	327.2	328.2	0.3	14.6	999.9	999.9
29.0	77.0	8671.3	375.0	-24.2	-42.8	214.1	13.9	7.8	11.5	329.6	330.4	0.2	15.9	999.9	999.9
30.5	80.8	9001.4	350.0	-27.5	-46.0	207.4	18.6	8.5	10.5	330.2	331.0	0.2	16.6	999.9	999.9
32.2	84.8	9566.2	325.0	-30.6	-47.9	201.6	23.0	6.5	21.6	334.3	334.6	0.1	16.7	999.9	999.9
34.4	89.0	10173.3	300.0	-33.5	-50.8	202.6	33.2	12.7	30.7	338.1	338.6	0.1	15.6	999.9	999.9
36.8	93.3	10825.9	275.0	-36.8	-53.3	205.8	37.8	13.4	35.3	342.3	342.3	0.1	15.9	999.9	999.9
38.8	98.0	11533.6	250.0	-42.0	-59.9	198.8	40.2	12.9	38.0	343.7	343.7	0.1	15.9	999.9	999.9
40.9	102.8	12307.5	225.0	-44.0	-62.5	197.6	43.3	13.1	41.3	349.1	349.1	0.1	15.9	999.9	999.9
43.4	109.2	13161.0	200.0	-51.9	-69.9	203.1	46.3	16.2	35.0	350.2	350.2	0.1	15.9	999.9	999.9
46.1	114.0	14014.0	175.0	-57.8	-74.9	205.7	39.9	17.3	36.0	354.4	354.4	0.1	15.9	999.9	999.9
48.8	120.0	14823.6	150.0	-62.5	-79.9	190.0	31.4	5.5	30.9	362.4	362.4	0.1	15.9	999.9	999.9
52.3	127.0	15630.5	125.0	-67.8	-84.9	196.1	26.8	7.4	25.0	373.7	373.7	0.1	15.9	999.9	999.9
56.2	134.0	16500.5	100.0	-67.8	-84.9	199.2	11.6	3.8	10.8	394.7	394.7	0.1	15.9	999.9	999.9
61.3	143.0	17311.1	75.0	-67.2	-84.9	163.0	7.4	-2.2	7.1	430.3	430.3	0.1	15.9	999.9	999.9
66.9	152.3	20830.4	50.0	-57.3	-84.9	115.9	8.6	-7.8	3.8	508.7	508.7	0.1	15.9	999.9	999.9
83.9	161.7	25147.8	25.0	-44.5	-84.9	93.6	15.3	-15.5	1.0	651.2	651.2	0.1	15.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CAPTURE HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 278
EL PASO, TEXAS
8 JUNE 1979
205 GMT

TIME MIN	CHTCY	WEIGHT GPM	PREC MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT P DEG K	E POT V DEG K	HR BTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	16.9	1193.0	874.0	30.6	2.9	268.0	5.1	5.0	0.9	319.7	331.7	5.4	17.0	0.0	0.0
0.9	08.0	99.0	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	08.0	99.0	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	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
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	21.3	1400.0	650.0	26.9	6.2	247.3	7.4	6.8	2.9	314.4	314.9	7.1	26.8	0.4	67.0
2.0	23.8	1702.4	825.0	24.5	5.1	251.6	7.0	6.6	2.2	314.2	314.2	6.7	26.6	0.8	68.0
3.1	26.4	1470.6	600.0	21.8	4.4	247.5	6.1	5.7	2.4	314.4	314.6	6.6	32.0	1.3	69.0
4.5	29.0	2744.5	775.0	15.2	3.4	243.8	6.6	5.9	2.9	314.4	314.6	6.3	35.1	1.6	68.0
5.7	31.7	2525.4	750.0	16.6	3.1	243.8	5.7	5.1	2.5	314.6	314.3	6.4	40.8	2.3	67.0
7.1	34.3	2812.8	725.0	12.9	2.6	245.7	5.4	4.9	2.2	314.7	313.4	6.4	46.5	2.7	67.0
8.3	37.1	3107.5	700.0	11.2	2.0	246.5	5.7	5.2	2.3	314.8	313.4	6.3	53.1	3.1	67.0
9.6	39.9	3409.3	675.0	8.1	0.9	235.7	5.3	4.4	3.0	314.7	313.6	6.1	60.4	3.5	66.0
11.1	42.8	3720.3	650.0	5.3	0.0	233.0	4.8	3.9	2.8	315.6	312.8	5.9	68.4	3.9	65.0
12.4	45.6	4030.0	625.0	2.8	-2.7	239.2	4.4	3.5	3.3	315.6	312.7	5.0	67.2	4.4	66.0
13.7	49.5	4368.9	600.0	-0.1	-6.6	234.0	7.3	5.9	4.3	316.6	317.9	3.9	41.8	4.8	63.0
14.8	51.5	4708.4	575.0	-2.6	-10.9	227.3	8.1	5.9	5.5	317.8	318.0	2.9	52.6	5.4	62.0
18.0	54.8	5058.6	550.0	-5.1	-17.7	210.3	6.7	6.7	5.5	318.6	318.6	1.7	36.4	6.0	61.0
17.1	57.7	5423.1	525.0	-8.0	-27.5	214.1	8.7	7.1	6.1	318.6	321.8	0.8	20.2	6.5	60.0
17.3	63.9	5800.5	500.0	-10.3	-31.2	233.4	5.5	8.1	5.9	320.1	322.4	0.6	18.0	7.2	60.0
17.4	64.1	6193.4	475.0	-12.8	-31.7	238.4	11.3	9.6	5.9	322.1	324.4	0.7	22.6	8.1	60.0
21.7	67.6	6604.1	450.0	-15.2	-39.8	225.0	12.1	8.5	8.6	324.1	325.1	0.3	10.1	9.5	58.0
23.7	71.0	7033.8	425.0	-18.1	-40.4	218.9	12.7	8.0	9.9	325.6	326.0	0.3	12.1	10.8	54.0
25.1	74.6	7468.0	400.0	-20.3	-49.2	217.1	18.5	11.4	12.8	326.6	331.9	0.9	64.6	13.7	53.0
24.3	77.2	7959.8	375.0	-24.6	-49.2	217.1	18.5	11.4	18.4	328.6	331.9	0.9	83.2	15.5	50.0
29.3	86.2	8459.2	350.0	-28.6	-30.5	205.1	20.3	8.6	18.4	330.3	333.2	0.4	50.5	17.4	47.0
32.1	90.3	8948.9	300.0	-31.4	-20.2	207.4	22.8	10.5	20.2	333.4	335.0	0.4	50.5	17.4	47.0
33.9	94.7	10151.8	275.0	-37.8	-11.8	201.6	37.3	13.7	34.7	340.3	340.7	0.3	45.1	20.5	44.0
36.0	99.4	10902.2	250.0	-42.2	59.9	197.2	40.7	12.8	38.8	343.2	343.2	0.1	21.5	24.1	41.0
34.1	104.2	11507.7	225.0	-47.3	59.9	197.7	41.7	12.7	39.7	346.8	346.8	0.9	99.9	28.4	38.0
40.4	139.4	12276.0	200.0	-53.4	59.9	202.7	42.9	16.5	39.5	348.3	348.3	0.9	99.9	33.4	34.0
43.3	115.0	13126.6	175.0	-57.1	59.9	199.7	37.5	15.7	35.3	353.2	353.2	0.9	99.9	39.3	32.0
46.5	121.3	14088.5	150.0	-62.7	59.9	183.2	32.4	1.8	32.3	358.2	358.2	0.9	99.9	46.3	31.0
49.4	124.0	15194.7	125.0	-68.0	59.9	194.8	29.4	7.7	28.4	371.6	371.6	0.9	99.9	58.2	26.0
53.3	134.8	16332.0	100.0	-68.0	59.9	169.1	10.6	-2.0	10.5	394.4	394.4	0.9	99.9	62.1	25.0
55.1	144.7	18286.4	75.0	-65.6	59.9	184.4	8.6	0.8	6.5	435.3	435.3	0.9	99.9	67.6	25.0
66.8	154.7	20770.7	50.0	-59.2	59.9	112.9	5.7	-0.9	3.8	534.6	534.6	0.9	99.9	84.1	23.0
76.8	165.5	25242.8	25.0	-50.3	59.9	92.3	13.7	-13.7	0.6	640.3	640.3	0.9	99.9	61.8	18.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS
8 JUNE 1979
505 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC M	E POT T DC K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DC
0.0	18.9	1193.0	875.5	26.9	6.3	200.0	3.1	1.1	2.9	311.7	331.6	6.9	27.0	0.0	0.
99.9	99.9	1000.0	875.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	19.9	1198.0	875.0	27.1	7.2	220.5	4.2	3.0	3.0	311.9	333.0	7.3	28.4	0.1	26.
0.9	21.4	1194.1	875.0	26.2	6.9	267.9	6.1	6.1	0.3	313.8	335.0	7.4	29.4	0.4	64.
1.9	23.8	1176.1	875.0	24.5	6.2	258.8	10.0	9.9	1.9	316.4	335.8	7.3	31.0	1.0	81.
3.0	26.3	1194.4	800.0	22.0	5.9	257.3	9.2	6.9	2.0	314.4	335.9	7.3	35.0	1.6	81.
4.1	24.9	2258.8	775.0	15.3	4.7	255.6	7.9	7.6	2.0	314.4	335.0	7.0	38.1	2.2	30.
5.2	31.4	2539.9	750.0	16.9	4.0	250.6	7.6	7.2	2.5	315.0	334.9	6.8	42.1	2.7	74.
6.3	34.1	2527.7	725.0	14.1	3.2	247.8	7.0	6.5	2.6	314.5	334.5	6.7	47.8	3.2	77.
7.6	36.8	3122.8	700.0	11.5	2.5	235.6	9.5	4.6	3.1	315.2	334.7	6.6	53.9	3.6	76.
9.0	42.3	3736.4	650.0	9.5	0.4	213.2	9.0	2.0	4.2	315.2	333.2	6.1	69.0	4.3	70.
11.2	45.1	4056.2	625.0	7.4	0.7	214.2	8.6	2.9	3.6	315.2	334.3	6.5	86.1	4.5	67.
12.4	43.0	4368.9	600.0	-0.6	-1.6	223.5	6.1	4.3	4.3	315.4	332.3	5.7	93.4	4.9	65.
13.8	53.9	6724.2	575.0	-3.3	-4.2	227.7	6.9	5.2	4.6	316.1	330.7	4.9	98.0	5.4	63.
15.1	53.9	5375.1	550.0	-5.1	-15.7	222.9	8.3	6.1	5.5	318.1	324.6	2.1	43.1	6.0	62.
16.4	57.0	5439.1	525.0	-7.8	-12.9	213.2	9.8	5.4	6.2	319.1	327.6	2.8	68.7	6.7	60.
17.9	63.1	5817.4	500.0	-5.2	-20.1	211.2	10.3	5.3	8.6	321.5	324.0	0.6	16.5	7.4	57.
19.5	63.4	6213.1	475.0	-11.3	-33.1	213.4	11.5	6.7	9.4	324.0	325.7	0.5	14.4	8.4	54.
20.9	66.6	7125.3	450.0	-14.3	-34.5	217.7	14.9	9.1	11.8	325.3	326.4	0.5	10.7	9.5	52.
22.7	73.1	7056.1	425.0	-17.3	-34.7	218.8	16.1	11.3	14.1	326.4	329.4	0.5	20.3	11.2	50.
24.4	73.6	7538.1	400.0	-20.4	-33.1	218.5	17.6	11.0	13.8	328.2	330.5	0.6	31.0	13.1	48.
26.3	77.3	7942.0	375.0	-24.1	-30.5	214.2	17.8	10.0	14.7	329.7	330.9	0.3	22.5	15.1	47.
28.3	81.1	8481.5	350.0	-28.1	-37.0	203.2	16.2	7.1	16.7	330.5	332.5	0.5	42.1	17.1	45.
30.2	85.0	9009.1	325.0	-31.7	-37.7	201.8	14.2	9.3	23.1	333.0	336.7	0.4	54.6	17.2	42.
32.9	89.2	9571.5	300.0	-35.1	-54.7	204.8	35.3	14.4	32.2	335.5	336.2	0.1	11.5	21.3	38.
34.9	93.5	10174.6	275.0	-37.7	-60.8	198.5	33.8	12.3	36.8	340.2	340.7	0.0	6.8	28.2	36.
36.9	95.0	10828.2	250.0	-41.7	99.9	191.9	42.5	8.7	41.6	340.2	340.7	99.9	99.9	31.1	32.
39.1	103.2	11532.5	225.0	-46.6	59.9	191.0	42.6	8.1	41.0	347.1	349.9	99.9	99.9	36.3	29.
41.0	109.2	12332.8	200.0	-51.8	59.9	193.7	41.7	9.9	40.5	349.1	349.9	99.9	99.9	44.5	27.
44.4	113.8	13154.0	175.0	-57.8	59.9	192.2	40.6	13.6	39.3	349.2	349.9	99.9	99.9	51.2	25.
47.3	119.8	14114.9	150.0	-63.0	59.9	193.0	35.6	8.9	34.4	371.7	349.9	99.9	99.9	57.8	25.
50.8	126.5	15279.1	125.0	-68.3	59.9	205.0	28.4	11.1	28.1	374.9	349.9	99.9	99.9	64.9	24.
54.9	134.3	16508.3	100.0	-64.9	59.9	187.8	17.8	2.4	17.7	394.4	349.9	99.9	99.9	70.5	24.
59.0	142.7	18106.3	75.0	-43.4	59.9	139.5	6.3	-4.1	4.6	440.0	349.9	99.9	99.9	73.1	23.
67.3	152.3	20421.9	50.0	-57.3	59.9	102.1	10.1	-9.9	2.1	508.2	349.9	99.9	99.9	72.6	20.
79.4	167.3	25303.6	25.0	-46.5	99.9	99.9	99.9	99.9	99.9	653.7	349.9	99.9	99.9	70.7	13.

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

STATION NO. 276
EL PASO, TEXAS
8 JUNE 1979
805 GPI

TIME MIN	CHTY	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	18.5	1193.0	876.1	24.3	7.9	260.0	4.1	4.0	0.7	308.5	330.0	7.7	35.0	0.0	0.
00.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	00.9	99.9	975.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	00.9	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
02.9	00.9	99.9	925.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
08.9	00.9	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
00.0	19.6	1203.0	875.0	24.4	6.5	260.0	4.1	4.1	0.7	309.1	321.9	8.1	36.6	0.0	18.
00.9	21.1	1457.9	850.0	23.6	10.4	268.3	5.4	5.4	0.2	310.5	337.4	9.4	43.3	0.2	63.
2.2	23.6	1717.9	825.0	21.4	9.6	269.0	8.0	8.0	0.0	311.3	337.3	9.2	46.6	0.0	99.
1.3	26.1	1989.1	800.0	19.8	8.2	275.0	9.8	5.7	-1.0	312.3	336.0	8.6	47.2	1.5	90.
6.4	28.7	2257.1	775.0	17.8	7.4	272.5	8.3	8.2	-0.4	312.5	337.1	8.4	50.8	2.1	92.
5.1	31.3	2530.6	750.0	15.7	6.2	256.0	5.2	5.1	1.2	313.6	336.5	6.0	53.1	2.4	91.
6.2	36.0	2827.5	725.0	13.3	4.0	235.7	3.4	2.8	1.9	316.5	334.6	7.1	53.5	2.6	89.
7.0	38.6	3118.1	703.0	11.1	2.0	203.4	3.5	1.2	3.3	318.4	333.4	6.3	53.2	2.7	87.
8.1	39.3	3420.5	675.0	8.3	0.8	175.3	5.6	-0.1	5.8	318.5	332.6	4.0	59.1	2.8	81.
9.2	47.1	3731.4	653.0	5.8	-0.7	181.5	7.0	0.2	7.0	315.2	332.2	5.6	63.8	2.9	72.
13.4	44.9	4051.2	625.0	3.1	-3.1	194.1	8.4	0.1	8.1	316.5	330.6	4.9	63.7	3.1	63.
11.6	47.9	4390.9	600.0	0.8	-5.4	212.0	10.8	5.7	9.2	317.6	329.9	4.3	63.2	3.6	57.
12.6	50.9	4721.3	575.0	-2.1	-7.6	217.4	12.7	7.7	10.1	317.8	329.8	3.8	65.9	4.4	53.
13.6	53.9	5073.0	550.0	-5.0	-12.0	218.9	14.6	9.2	11.4	318.2	328.7	3.8	67.9	5.4	51.
15.2	57.0	5438.9	525.0	-7.7	-25.4	221.3	14.3	9.4	10.8	319.3	322.3	0.9	22.4	6.5	49.
18.7	60.1	5815.6	500.0	-6.4	-32.0	225.9	13.3	9.5	9.2	321.6	323.2	0.5	12.6	7.8	48.
19.2	63.4	6209.8	475.0	-12.1	-34.1	221.7	12.7	8.5	9.5	323.0	324.5	0.4	14.0	8.9	47.
19.8	66.7	6620.8	450.0	-15.1	-34.2	226.4	14.2	9.9	10.1	324.5	325.9	0.5	17.8	10.1	47.
21.3	74.1	7050.2	425.0	-17.6	-34.4	220.5	17.2	11.2	13.1	324.5	328.1	0.5	21.6	11.5	47.
22.9	73.7	7501.9	403.0	-20.4	-39.6	216.2	20.2	11.9	16.3	328.2	329.4	0.3	16.1	13.3	45.
25.4	77.4	7975.8	375.0	-24.3	-41.7	211.5	21.1	11.0	18.0	329.4	330.3	0.3	18.2	15.2	44.
25.9	81.3	8475.7	350.0	-26.9	-46.9	207.4	27.1	12.5	20.1	332.4	333.0	0.2	13.0	17.2	42.
27.4	87.3	9007.3	325.0	-31.7	-49.2	206.2	33.5	14.3	30.1	333.0	335.5	0.1	15.6	20.6	40.
29.6	89.5	9545.7	300.0	-35.9	-52.3	204.2	38.7	15.9	35.3	334.8	335.2	0.1	16.3	24.6	37.
31.7	93.8	10145.1	275.0	-40.8	-59.9	201.0	41.5	14.8	38.7	337.2	339.0	0.9	99.9	29.4	35.
33.7	98.4	10908.3	250.0	-45.6	-69.9	193.0	44.8	10.1	43.7	350.2	399.9	85.9	559.9	34.1	32.
35.9	103.2	11508.2	225.0	-49.2	-99.9	193.3	49.7	11.4	49.4	353.1	599.9	99.9	999.9	48.3	29.
38.0	109.5	12273.0	200.0	-51.9	-99.9	201.3	48.7	16.0	42.5	350.6	599.9	99.9	955.9	48.8	27.
41.8	114.3	13130.5	175.0	-55.5	-99.9	193.6	35.4	8.4	34.4	350.2	999.9	99.9	599.9	53.7	26.
45.1	120.3	14090.6	150.0	-61.8	-99.9	193.8	35.9	6.6	34.9	353.7	599.9	99.9	999.9	62.4	24.
48.5	127.3	15211.9	125.0	-68.0	-64.9	199.9	35.4	11.4	31.4	371.5	599.9	99.9	999.9	68.8	24.
51.7	135.0	16543.3	100.0	-70.2	-99.9	199.9	19.8	1.3	19.7	392.1	599.9	99.9	999.9	73.1	23.
53.0	143.3	18281.8	75.0	-67.6	-99.9	152.2	6.4	-4.4	8.4	435.6	999.9	99.9	955.9	77.7	22.
63.0	153.0	23791.1	50.0	-57.6	-99.9	100.6	8.7	-8.5	1.6	507.7	599.9	99.9	999.9	78.2	20.
75.4	162.5	25276.6	25.0	-46.4	-99.9	93.4	13.5	-13.5	0.8	608.7	999.9	99.9	999.9	75.1	14.

0 99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME PAVE DEFM INTERPOLATED
 99 99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 278
EL PASO, TEXAS
8 JUNE 1979
1105 GMT

133 63. 0

TIME MIN	CHYCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 2 DEG M	E POT 1 DEG M	WZ RTO GM/SEC	RM PCT	RANGE MM	AZ DEG
0.0	18.5	1193.0	876.4	28.3	9.2	226.0	1.5	1.0	1.1	304.7	320.1	8.0	49.0	9.0	0.
00.9	09.9	1000.0	956.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	975.0	975.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	950.0	950.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	925.0	925.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	900.0	900.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	18.6	1200.9	875.0	20.9	9.0	999.9	99.9	99.9	99.9	305.4	329.9	8.0	48.0	99.9	99.9
1.0	21.1	1459.2	850.0	21.4	9.5	999.9	99.9	99.9	99.9	308.6	334.1	9.1	47.9	99.9	99.9
2.0	23.6	1715.4	825.0	15.7	9.3	999.9	99.9	99.9	99.9	309.2	334.7	8.9	50.0	99.9	99.9
3.0	26.1	1982.2	800.0	12.0	8.3	307.0	5.2	4.1	-3.2	310.2	335.1	8.8	53.0	0.9	14.0
4.1	27.7	2253.3	775.0	15.9	7.1	302.1	3.8	3.1	-1.9	310.5	335.3	8.2	55.7	0.7	15.0
5.2	31.3	2531.7	750.0	14.7	5.9	259.0	1.5	1.0	0.5	312.1	336.9	7.8	55.5	0.9	14.0
6.4	33.9	2817.6	725.0	12.4	4.9	219.7	3.0	1.9	2.3	313.1	336.8	7.5	60.0	0.9	13.0
7.6	36.7	3110.9	700.0	7.7	3.3	193.2	9.9	1.3	5.7	313.3	333.9	7.0	49.0	0.8	11.0
8.9	39.3	3412.4	675.0	5.0	0.8	183.3	10.0	0.6	10.0	310.2	332.0	6.0	41.4	0.9	7.0
10.0	42.1	3723.0	650.0	0.1	-2.0	184.9	12.0	1.4	11.9	315.5	331.2	5.1	50.1	1.4	3.0
11.2	45.0	4043.3	625.0	3.3	-0.7	206.0	12.0	4.5	11.7	316.2	333.5	5.0	74.6	2.2	2.0
12.5	47.9	4373.1	600.0	0.2	-2.4	206.9	13.0	6.2	12.1	316.4	332.4	5.0	82.8	3.2	2.0
13.8	50.9	4713.0	575.0	-7.5	-5.2	210.8	15.4	7.9	13.3	317.1	327.2	4.0	72.2	4.5	2.0
15.4	53.9	5064.0	550.0	-5.8	-9.3	217.4	14.4	9.9	13.0	317.1	327.7	3.4	76.0	5.9	2.0
16.9	57.0	5427.0	525.0	-4.4	-13.2	222.3	13.6	10.5	11.6	318.2	326.5	2.6	68.4	7.3	3.0
18.2	60.1	5806.8	500.0	-0.6	-31.9	223.3	14.9	10.2	10.9	321.3	323.2	0.5	18.2	8.3	3.0
19.3	63.4	6190.5	475.0	-12.8	-31.0	222.8	13.8	9.4	10.1	322.1	323.1	0.6	10.5	9.3	3.0
20.3	66.7	6600.5	450.0	-16.0	-32.7	226.9	13.6	10.0	9.3	323.1	322.0	0.5	27.8	10.2	3.0
22.0	70.3	7036.6	425.0	-18.7	-32.6	229.1	14.4	10.9	9.4	325.8	327.0	0.6	28.1	11.5	3.0
24.0	73.9	7487.4	400.0	-20.2	-38.2	224.1	14.3	10.0	10.3	328.6	330.0	0.3	18.1	13.0	3.0
26.1	77.7	7962.9	375.0	-23.4	-43.0	215.6	15.1	8.8	12.3	330.4	331.4	0.2	14.5	15.0	3.0
27.2	81.3	8463.7	350.0	-27.2	-46.7	206.7	16.3	8.3	10.5	332.0	332.7	0.2	13.7	16.2	3.0
28.6	85.3	8954.2	325.0	-30.4	-48.7	205.9	24.2	16.9	21.7	336.0	335.3	0.1	14.7	17.9	3.0
30.8	89.7	9537.9	300.0	-38.1	-45.0	204.4	31.4	13.0	20.6	339.6	336.8	0.2	30.5	21.5	3.0
33.0	94.0	10158.0	275.0	-39.9	69.9	199.2	33.8	11.4	25.0	337.8	339.9	59.9	59.0	25.0	3.0
35.3	98.0	10801.0	250.0	-45.0	50.9	195.6	33.2	9.0	33.0	337.5	339.9	99.9	99.9	30.4	3.0
37.4	103.8	11494.5	225.0	-51.4	99.9	192.7	40.1	8.0	39.1	339.6	339.9	99.9	99.9	35.0	2.0
40.1	109.8	12252.9	200.0	-52.8	99.9	187.3	46.9	13.0	44.8	347.2	339.9	99.9	99.9	41.5	2.0
43.0	115.0	13102.3	175.0	-57.4	99.9	183.2	41.9	16.5	38.5	352.1	339.9	99.9	99.9	49.0	2.0
46.4	121.3	14075.3	150.0	-58.2	59.9	203.0	37.3	14.6	34.3	368.1	338.0	55.9	99.9	57.5	2.0
49.2	129.5	15203.1	125.0	-65.0	59.9	183.4	27.2	1.9	27.2	378.5	339.9	99.9	99.9	62.0	2.0
53.4	136.3	16345.0	100.0	-67.5	99.9	194.0	28.4	4.0	19.0	397.4	339.9	99.9	99.9	68.4	2.0
58.0	145.3	18287.1	75.0	-65.5	59.9	99.9	99.9	99.9	99.9	435.7	339.9	99.9	99.9	71.0	2.0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

7 JUNE 1979
1113 GMT

162 10. 0

TIME MIN	CNTCE	HEIGHT GPH	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	Z POT Y DC K	MR RTO CM/KG	RM PCT	RANGE AZ KM	DC
0.0	7.3	180.0	991.7	20.0	19.3	140.0	2.6	-1.7	2.0	293.5	331.1	14.6	96.0	0.0	0.
99.9	99.9	99.9	1000.0	95.0	95.0	99.9	95.5	99.5	99.9	293.5	999.9	99.9	999.9	999.9	999.9
0.4	8.8	327.0	975.0	20.1	19.4	192.4	10.9	3.5	10.4	293.4	333.7	14.8	95.8	0.3	342.
1.5	11.1	552.9	950.0	21.4	20.0	201.6	15.7	5.0	14.6	299.1	342.6	16.5	95.0	1.0	6.
2.5	13.5	745.6	925.0	21.4	20.0	204.9	16.2	6.8	16.2	301.2	344.0	16.2	91.8	1.9	16.
3.4	15.8	1073.5	900.0	19.6	18.5	210.0	16.9	7.2	12.5	301.3	341.9	15.1	93.3	2.8	19.
4.5	19.2	1266.5	875.0	17.6	16.4	212.5	18.0	7.5	11.8	302.1	338.4	13.6	92.8	3.7	22.
5.6	23.6	1514.7	850.0	15.9	15.1	216.3	13.9	8.2	11.2	302.5	337.4	12.8	94.6	4.5	25.
6.6	28.1	1768.3	825.0	13.8	12.9	221.1	11.7	9.6	11.0	303.2	334.3	11.5	94.4	5.5	27.
7.7	32.6	2024.2	800.0	12.8	11.7	222.3	11.1	8.8	9.7	304.4	334.6	10.9	93.0	6.3	29.
8.9	38.1	2294.8	775.0	11.1	9.3	219.3	12.9	8.2	10.0	305.4	332.2	9.6	86.7	7.2	31.
10.1	42.7	2569.7	750.0	10.2	8.3	215.2	13.5	8.0	11.4	305.4	330.3	8.0	76.9	8.1	32.
11.3	47.1	2850.8	725.0	9.0	7.0	211.2	13.6	6.7	11.1	308.3	333.9	8.7	87.4	9.1	32.
12.7	50.0	3141.0	700.0	7.9	-8.4	211.1	13.3	6.9	11.6	311.2	328.0	2.9	30.5	10.2	32.
14.1	54.7	3440.1	675.0	5.3	-10.0	210.1	13.4	6.7	11.6	311.6	332.3	7.2	85.9	11.4	31.
15.5	61.4	3748.1	650.0	3.2	-13.0	215.3	14.0	8.1	11.4	312.4	333.9	7.4	58.6	12.5	31.
16.8	68.2	4066.0	625.0	1.5	-16.0	221.7	14.1	9.4	10.4	312.4	334.0	6.0	58.9	13.6	32.
18.3	74.1	4394.3	600.0	-0.8	-19.0	228.4	13.4	9.4	9.6	315.2	332.8	6.0	98.5	14.8	33.
19.7	80.0	4733.7	575.0	-2.6	-22.9	220.6	14.9	9.7	11.3	318.9	333.1	5.4	98.3	15.9	34.
21.0	87.0	5084.6	550.0	-6.9	-16.6	211.3	13.3	7.5	11.0	319.5	321.9	1.9	45.8	17.1	34.
22.6	94.1	5449.9	525.0	-9.8	-10.0	229.1	14.6	9.4	11.2	321.1	332.1	3.4	72.0	18.6	34.
24.1	98.3	5831.2	500.0	-9.0	-13.4	225.5	16.7	11.5	11.7	323.2	332.0	2.7	65.3	20.3	35.
26.5	62.5	6277.6	475.0	-11.5	-13.4	228.7	16.9	12.9	10.9	323.7	332.8	2.9	45.8	22.0	36.
28.7	65.9	6660.9	450.0	-13.1	-40.3	241.3	17.2	15.4	8.3	326.7	327.7	0.3	8.4	24.2	36.
30.9	67.3	7073.7	425.0	-16.3	-40.3	251.1	19.9	18.8	6.4	328.1	329.1	0.3	10.2	26.3	40.
33.3	72.9	7526.6	400.0	-15.9	-40.2	250.0	22.4	21.1	7.7	329.2	330.2	0.3	14.3	29.1	43.
35.4	76.4	8002.3	375.0	-23.0	-64.4	254.8	23.2	22.5	6.1	331.2	331.2	0.0	1.0	32.1	46.
38.5	83.3	8503.9	350.0	-26.8	-68.5	258.4	23.3	22.8	4.7	333.5	333.5	0.2	13.7	35.5	49.
41.0	84.3	9035.3	325.0	-30.0	-52.4	263.4	23.9	23.8	2.8	335.4	335.0	0.1	14.4	38.5	52.
43.7	84.4	9602.9	300.0	-33.0	-38.4	267.5	21.4	21.4	0.5	338.5	340.6	0.5	37.9	41.6	55.
46.8	92.8	10210.9	275.0	-32.9	-44.7	271.5	21.4	24.1	-0.5	341.7	342.7	0.3	44.8	44.9	58.
49.7	97.5	10844.3	250.0	-41.5	-59.9	271.4	33.9	33.9	-0.8	344.2	344.2	0.0	99.9	49.5	61.
53.8	102.4	11571.6	225.0	-46.6	-59.9	271.3	42.1	42.1	-1.8	346.9	346.9	0.0	99.9	54.0	65.
56.6	113.6	12342.0	200.0	-53.8	-59.9	272.5	48.49	45.3	-2.8	349.4	349.4	0.0	99.9	64.8	69.
60.6	131.6	13189.8	175.0	-55.8	-59.9	275.4	48.18	41.9	-3.9	351.2	349.9	0.0	99.9	73.8	72.
64.5	123.0	14139.5	150.0	-64.2	-59.9	281.9	33.88	33.1	-7.8	359.2	349.9	0.0	99.9	82.9	75.
69.2	127.0	15246.3	125.0	-65.1	-59.9	282.7	18.99	18.4	-4.1	365.5	349.9	0.0	99.9	89.0	77.
74.8	135.0	16569.8	100.0	-68.5	-59.9	291.6	6.39	7.7	-3.0	392.2	349.9	0.0	99.9	94.4	78.
81.0	141.7	18022.8	75.0	-61.4	-59.9	311.5	5.1	3.8	-3.4	431.6	349.9	0.0	99.9	94.4	78.
91.9	153.3	23812.4	50.0	-56.4	-59.9	105.3	8.8	-8.5	2.3	508.1	349.9	0.0	99.9	91.3	80.
109.2	163.0	25241.8	25.0	-65.4	-59.9	999.9	99.9	99.9	99.9	642.7	999.9	99.9	999.9	80.7	79.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

7 JUNE 1979
1435 GMT

163 11. 0

TIME MIN	CHYCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG F	E POT T DEG K	MZ RTO GM/KG	RM PCT	RANGE NM	AZ DG
0.0	7.0	180.0	992.6	26.2	25.3	180.0	3.6	6.0	3.6	306.6	354.0	21.0	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	99.9	99.9	999.9	999.9	999.9
0.7	9.3	316.1	975.0	24.3	22.3	129.4	8.6	0.7	0.5	299.6	346.1	17.7	80.0	0.3	6.
1.6	11.0	566.0	950.0	22.3	20.8	199.8	9.6	3.3	9.2	290.6	343.4	16.6	91.4	0.9	9.
2.7	13.9	789.1	925.0	21.0	19.7	210.6	12.8	6.5	11.0	308.7	342.0	15.9	92.0	1.5	17.
3.6	16.4	1036.5	900.0	20.6	18.1	214.7	16.0	9.5	13.8	302.7	242.2	14.7	85.9	2.3	23.
4.5	19.7	1280.0	875.0	18.9	15.9	216.7	17.2	18.6	13.7	303.4	338.0	13.1	82.5	3.3	27.
5.5	21.2	1525.2	850.0	17.5	14.1	216.0	19.1	11.0	15.1	304.2	337.2	12.0	80.2	4.3	29.
6.4	23.6	1780.4	825.0	15.5	13.1	217.7	19.1	12.0	14.9	365.4	336.8	11.6	85.5	5.5	31.
7.4	26.1	2345.5	800.0	14.3	11.2	217.9	18.6	10.2	13.1	308.4	335.5	10.5	81.0	6.6	33.
8.7	28.7	2313.4	775.0	12.1	10.2	218.2	15.7	9.7	12.4	306.6	335.3	10.2	88.6	7.7	33.
9.4	31.2	2588.3	750.0	10.9	7.2	216.7	15.9	9.2	12.4	308.2	333.0	8.7	79.2	8.7	34.
10.3	33.9	2571.0	725.0	5.6	1.4	216.1	13.7	8.1	11.1	310.6	326.9	5.9	56.7	9.7	34.
11.9	36.5	3161.9	700.0	5.0	0.7	216.4	12.6	7.5	10.1	311.4	326.6	5.2	54.0	10.5	34.
13.0	39.2	3461.3	675.0	4.2	-2.8	217.4	12.5	7.0	9.9	312.6	326.3	4.6	52.2	11.3	34.
14.1	42.0	3765.7	650.0	4.0	-6.3	218.7	14.1	8.8	11.0	313.2	324.6	3.7	47.0	12.2	35.
15.4	44.8	4089.8	625.0	3.4	-3.1	220.6	14.1	10.5	12.2	316.4	331.6	4.9	42.0	13.3	35.
16.9	47.7	4419.0	600.0	1.8	-4.2	221.4	16.2	10.7	12.2	317.3	330.9	4.5	65.9	14.8	35.
18.5	50.4	4770.6	575.0	-0.6	-5.8	226.0	14.5	11.9	11.4	319.2	333.3	4.6	72.3	16.4	36.
20.1	53.6	5119.3	550.0	-2.6	-7.6	230.6	16.0	13.0	10.7	321.6	333.2	3.9	68.5	17.9	37.
21.4	56.6	5487.9	525.0	-5.2	-11.3	239.9	17.5	14.2	9.9	322.2	331.8	3.1	62.6	19.3	39.
22.8	49.9	5945.1	500.0	-6.6	-14.6	243.5	20.0	17.9	8.9	323.6	330.6	1.8	37.9	20.7	40.
24.5	61.0	6284.0	475.0	-5.1	-15.6	243.1	20.2	18.3	9.3	326.7	334.4	2.4	59.3	22.6	42.
26.1	66.4	6679.9	450.0	-12.3	-20.7	242.4	19.1	16.9	6.9	327.7	333.2	1.6	49.7	24.3	44.
27.9	69.9	7119.0	425.0	-14.9	-34.1	245.8	20.5	18.7	6.4	329.5	331.7	0.5	18.0	26.3	45.
29.4	73.0	7570.2	400.0	-16.0	-34.6	248.0	23.2	21.5	4.7	331.7	333.5	0.5	21.0	28.1	47.
31.2	77.0	8049.1	375.0	-21.3	-28.7	248.0	23.9	22.1	9.0	333.4	336.7	0.9	51.4	30.6	49.
33.3	81.9	8550.4	350.0	-25.0	-37.4	250.9	27.1	21.0	7.3	335.8	338.6	0.4	30.3	33.2	50.
35.4	86.6	9089.7	325.0	-28.9	-36.3	254.3	21.7	20.9	5.9	336.6	338.7	0.5	48.7	35.9	52.
37.5	90.0	9660.1	300.0	-21.6	-37.2	260.5	20.6	20.3	3.4	343.8	342.7	0.5	57.3	38.2	54.
39.7	93.3	10271.4	275.0	-34.0	-42.0	262.6	27.2	27.2	0.7	343.1	344.3	0.3	40.3	40.8	56.
41.0	96.0	10925.5	250.0	-41.3	59.9	273.6	35.7	35.7	-2.3	348.7	599.5	99.9	55.9	44.4	59.
44.4	103.0	11610.5	225.0	-44.4	59.9	275.2	41.4	41.3	-3.7	367.4	999.9	99.9	99.9	49.1	63.
47.0	108.2	12400.6	200.0	-57.6	59.9	271.0	46.6	46.6	-1.5	350.2	999.9	99.9	999.9	55.2	67.
50.0	114.0	13254.4	175.0	-59.0	59.9	273.3	42.7	42.7	-2.2	599.9	99.9	99.9	55.9	62.6	70.
53.3	121.3	14213.2	150.0	-64.6	99.9	281.4	36.7	36.0	-2.2	358.8	999.9	99.9	959.9	70.3	73.
57.0	127.3	14317.4	125.0	-67.5	99.9	280.4	20.5	20.1	-3.7	372.8	599.9	99.9	959.9	75.4	75.
61.4	135.3	16060.3	100.0	-64.3	59.9	276.7	6.9	6.0	-1.0	369.4	999.9	99.9	949.9	78.6	76.
66.6	144.0	18181.4	75.0	-84.4	99.9	11.6	8.1	-1.2	-4.0	435.8	999.9	99.9	955.9	70.7	77.
70.2	154.0	20903.9	50.0	-57.8	59.9	91.7	8.7	-3.7	0.3	507.2	599.9	99.9	955.9	76.7	77.
88.5	163.7	25010.8	25.1	-47.5	59.9	999.9	99.9	99.9	99.9	648.2	999.9	99.9	999.9	70.0	75.

0 1V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 1V TEMP MEANS TEMPERATURE OR TIME PAVE BEFN INTERPOLATED
 00 0V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

7 JUNE 1979
1700 GMT

ISS 30. 0

TIME MIN	CNCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG F	MR BTG GM/KG	RM PCY	RANGE NM	AZ DEG
00	7.9	180.0	993.1	27.3	23.3	180.0	5.1	0.0	5.1	301.1	349.9	18.5	78.0	0.0	0.
01	9.9	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
02	9.4	342.6	975.0	24.6	20.9	187.6	8.0	1.1	7.9	299.5	343.6	16.2	79.8	0.3	6.
03	1.5	370.5	975.0	22.6	20.7	187.3	9.2	1.2	9.2	300.1	343.4	16.4	80.0	0.7	5.
04	1.4	602.9	975.0	21.0	18.5	202.3	11.9	4.5	11.0	300.1	339.8	14.7	86.0	1.3	10.
05	16.9	1060.5	900.0	20.2	18.0	212.6	13.2	7.1	11.1	302.2	336.6	12.8	78.7	2.0	16.
06	19.3	1223.6	875.0	19.3	15.1	220.9	15.2	5.9	11.6	303.6	336.6	10.9	87.3	2.7	22.
07	21.8	1533.0	850.0	17.2	15.0	220.9	16.3	10.7	12.3	304.1	336.6	12.8	87.7	3.5	27.
08	24.4	1768.3	825.0	15.1	13.8	223.3	16.4	11.2	11.9	304.2	337.6	12.2	92.1	4.5	30.
09	26.9	2062.9	800.0	13.3	11.2	225.4	17.2	12.7	12.5	305.2	338.4	10.6	87.4	5.5	33.
10	29.6	2316.4	775.0	11.9	9.4	225.1	17.7	12.6	12.5	306.2	338.5	9.7	85.5	6.4	35.
11	32.2	2590.9	750.0	10.1	9.4	223.7	16.1	12.5	13.1	307.2	338.4	10.0	85.4	7.9	36.
12	34.9	2973.0	725.0	8.5	7.2	223.6	16.8	11.6	12.2	308.2	338.7	8.8	81.1	9.2	38.
13	37.6	3163.2	700.0	6.7	6.0	220.0	16.1	10.4	12.3	309.5	338.9	6.5	85.4	10.4	38.
14	40.3	3462.0	675.0	5.6	5.0	222.8	14.3	9.7	10.5	311.9	333.1	7.4	86.9	11.6	38.
15	43.2	3770.9	650.0	4.0	3.0	230.2	15.2	11.7	9.7	313.6	338.0	7.3	82.6	12.7	39.
16	46.0	4089.7	625.0	2.2	0.7	233.9	15.5	12.6	9.4	315.0	338.0	6.5	80.3	14.0	40.
17	48.8	4419.2	600.0	0.1	-1.2	236.7	15.3	12.5	8.8	316.2	338.6	5.9	80.8	15.4	42.
18	51.6	4760.0	575.0	-1.2	-3.3	238.3	17.6	13.2	11.7	318.0	338.4	5.2	85.3	16.9	43.
19	54.4	5113.3	550.0	-3.8	-10.1	231.2	16.2	12.6	10.2	319.0	328.7	3.3	82.2	18.5	43.
20	57.1	5480.6	525.0	-4.2	-13.4	233.8	16.1	13.0	9.5	323.4	327.1	1.1	20.7	19.9	44.
21	59.1	5880.6	500.0	-6.7	-18.0	233.9	17.3	13.8	10.4	324.9	330.2	1.6	34.9	21.5	45.
22	61.5	6263.9	475.0	-8.6	-20.1	234.3	18.0	14.6	10.5	327.2	330.0	0.8	18.9	23.3	45.
23	64.3	6679.4	450.0	-11.6	-24.8	232.7	16.7	17.5	9.0	328.7	330.1	0.4	11.5	25.4	46.
24	67.1	7114.9	425.0	-14.4	-30.2	230.4	20.7	19.2	7.6	330.2	332.1	0.4	14.9	27.4	48.
25	69.9	7571.3	400.0	-18.1	-36.9	230.2	22.4	21.0	7.6	331.5	332.4	0.6	20.2	29.4	49.
26	72.7	8049.6	375.0	-21.9	-42.6	233.0	24.0	22.8	7.0	332.8	335.7	0.9	49.7	31.0	51.
27	75.4	8531.6	350.0	-26.2	-50.3	230.9	25.7	25.0	5.8	333.2	335.4	0.5	41.8	35.2	53.
28	78.2	9019.0	325.0	-32.2	-58.4	245.9	28.5	24.5	6.3	338.9	341.8	0.8	43.6	38.4	56.
29	81.0	9608.6	300.0	-38.4	-66.0	263.4	28.1	22.0	1.6	341.1	343.2	0.2	43.9	41.4	59.
30	83.8	10269.9	275.0	-46.0	-74.7	265.6	24.4	24.1	3.5	341.2	343.2	0.4	60.6	44.7	61.
31	86.6	10923.5	250.0	-54.3	-83.9	267.2	40.9	40.4	-3.0	347.2	349.9	99.9	99.9	49.2	63.
32	89.4	11630.7	225.0	-64.5	-94.9	272.4	46.9	46.8	-1.9	348.4	349.9	99.9	99.9	55.5	67.
33	92.2	12402.1	200.0	-76.7	-107.9	279.1	46.0	45.4	-7.2	352.2	349.8	99.9	99.9	73.6	74.
34	95.0	13251.6	175.0	-91.0	-123.0	285.0	39.0	37.5	-10.7	356.4	349.9	99.9	99.9	83.3	77.
35	97.8	14086.3	150.0	-107.0	-140.0	276.6	22.3	22.3	-1.8	371.2	349.9	99.9	99.9	90.2	80.
36	100.6	15006.9	125.0	-126.0	-159.0	275.0	10.7	10.7	-0.9	397.1	349.9	99.9	99.9	95.1	80.
37	103.4	16040.7	100.0	-147.0	-179.0	304.6	5.0	4.0	-3.0	432.2	349.9	99.9	99.9	94.0	81.
38	106.2	17174.8	75.0	-171.0	-200.0	309.9	99.9	99.9	99.9	410.2	349.9	99.9	99.9	92.5	80.
39	109.0	18412.2	50.0	-196.0	-223.0	309.9	99.9	99.9	99.9	410.2	349.9	99.9	99.9	95.9	99.9
40	111.8	19763.9	25.0	-223.0	-250.0	309.9	99.9	99.9	99.9	410.2	349.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

7 JUNE 1979
2000 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG #	R POT V DG #	WX WTD CM/HC	RM PCY	RANGE NM	Q. 0
0.0	7.7	100.0	991.8	31.1	24.2	180.0	4.1	0.0	4.1	305.0	357.6	19.6	67.0	0.0	0.
00.0	99.9	99.9	1000.0	95.9	59.9	99.9	95.5	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.3	9.1	32.0	975.0	24.1	99.0	99.0	99.0	99.9	99.9	299.4	999.9	99.9	999.9	999.9	999.9
0.5	11.4	532.8	950.0	23.1	99.6	999.9	99.5	99.5	99.9	306.0	999.9	99.9	999.9	999.9	999.9
1.7	13.7	84.7	925.0	21.9	17.0	999.9	99.9	99.9	99.9	301.7	337.4	13.3	73.6	999.9	999.9
2.7	16.1	1022.0	900.0	21.1	17.5	999.9	99.9	99.9	99.9	303.3	341.3	16.2	80.1	1.9	14.
3.6	18.5	1267.0	875.0	19.7	15.3	216.2	11.5	7.0	9.6	304.3	338.7	12.7	76.9	2.5	19.
4.6	23.9	1510.6	850.0	16.1	12.8	225.8	11.9	6.5	8.3	305.1	335.4	11.1	71.2	3.1	23.
5.6	29.4	1771.7	825.0	15.7	11.2	228.5	14.4	10.0	9.5	305.4	333.3	10.2	74.9	3.8	28.
6.6	35.9	2032.7	800.0	14.0	11.2	227.7	16.5	12.2	11.1	306.1	332.1	10.5	63.0	4.7	32.
7.7	43.4	2305.3	775.0	12.3	6.3	230.4	16.4	12.8	10.5	307.1	329.1	7.8	69.9	5.6	35.
8.7	51.9	2575.2	750.0	11.3	6.3	232.8	16.1	12.8	9.7	308.5	331.6	6.0	71.0	6.7	37.
9.6	59.6	2858.7	725.0	10.3	2.4	232.4	15.7	12.5	9.7	310.8	329.2	6.4	58.8	7.8	39.
10.6	68.2	3149.7	700.0	8.2	5.6	234.4	16.4	12.6	9.2	311.6	335.4	6.2	63.6	8.5	41.
11.5	76.9	3449.6	675.0	6.8	3.6	237.1	16.6	13.9	9.0	312.1	339.4	7.4	86.0	9.3	42.
12.6	85.7	3758.7	650.0	5.4	-2.1	239.5	16.4	13.9	8.7	315.0	330.1	5.0	54.4	10.3	46.
13.6	94.4	4078.8	625.0	4.3	-10.4	243.5	17.4	15.5	7.7	317.3	328.0	2.8	33.8	11.3	45.
14.7	103.1	4409.5	600.0	3.4	-6.3	248.4	17.3	15.4	6.9	317.2	328.3	3.4	44.3	12.5	47.
16.0	132.2	4750.4	575.0	-1.6	-10.8	242.4	17.0	15.0	7.8	318.1	327.2	2.9	49.3	13.7	49.
17.3	161.3	5105.5	550.0	-2.9	-14.8	238.1	17.8	14.8	9.9	320.7	327.9	2.3	40.6	15.0	50.
18.7	190.3	5471.7	525.0	-4.3	-19.4	239.2	17.0	16.6	8.7	323.3	332.2	2.9	54.5	16.5	50.
20.0	219.4	5855.0	500.0	-6.6	-19.4	241.4	18.7	16.4	9.0	325.3	330.7	1.6	34.0	17.9	51.
21.3	248.6	6253.7	475.0	-8.6	-24.0	240.8	18.6	16.2	9.1	326.1	331.0	1.5	36.1	19.3	52.
22.6	277.9	6668.3	450.0	-13.2	-21.7	240.8	18.6	16.2	8.7	326.8	329.8	0.8	27.5	20.7	53.
24.1	307.4	7101.8	425.0	-15.3	-37.6	246.9	21.2	19.5	8.3	329.3	330.6	0.3	12.8	22.5	53.
25.1	336.9	7558.9	400.0	-18.3	-34.8	254.3	22.5	21.7	6.1	331.2	332.3	0.3	13.0	25.1	55.
26.1	366.4	8035.8	375.0	-21.9	-42.4	259.6	22.4	22.0	4.0	332.4	333.7	0.2	13.3	27.5	57.
27.6	395.9	8540.2	350.0	-24.8	-49.5	263.7	25.2	25.8	2.8	335.3	336.1	0.2	14.0	29.7	59.
31.6	443.3	9075.1	325.0	-28.4	-43.7	265.6	26.4	26.2	3.4	337.6	338.5	0.2	21.2	32.2	61.
33.8	481.5	9645.3	300.0	-31.6	-47.8	269.7	27.9	27.9	0.6	340.8	343.4	0.2	14.2	35.5	63.
36.1	519.7	10255.3	275.0	-34.1	-52.1	269.0	33.5	33.8	0.6	343.6	343.4	0.1	17.1	39.3	66.
38.4	557.9	10711.7	250.0	-40.2	-60.9	273.6	35.9	35.4	-2.2	346.3	349.0	99.9	999.9	43.0	69.
40.9	596.2	11167.2	225.0	-45.0	-69.9	279.0	38.8	38.6	-3.4	349.2	349.0	99.9	999.9	48.8	72.
43.4	634.6	11624.2	200.0	-51.5	-59.9	279.4	40.4	40.3	-2.4	351.3	349.0	99.9	999.9	54.3	74.
46.2	673.0	12081.2	175.0	-57.9	-49.9	279.2	42.5	41.9	-0.8	354.2	349.0	99.9	999.9	60.8	76.
49.4	711.4	12538.3	150.0	-64.8	-53.9	284.4	43.1	41.3	-12.4	358.4	349.0	99.9	999.9	68.5	80.
52.2	750.0	12995.9	125.0	-67.8	-49.9	288.7	24.7	24.1	-3.2	372.2	349.0	99.9	999.9	74.9	83.
55.6	788.6	13459.9	100.0	-67.2	-49.9	288.8	11.4	11.2	-3.2	368.0	349.0	99.9	999.9	79.6	83.
63.2	877.1	14376.1	75.0	-63.9	-49.9	308.9	9.6	4.6	-3.7	430.0	349.0	99.9	999.9	81.1	84.
70.8	965.6	15302.5	50.0	-57.9	-49.9	95.7	7.3	-7.3	9.7	509.3	349.0	99.9	999.9	78.2	84.
81.4	1054.1	16229.0	25.0	-47.9	-49.9	74.7	16.2	-10.0	-1.8	647.2	349.0	99.9	999.9	72.7	84.

0 99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 99 TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 99 99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 287
NASHVILLE, TENNESSEE

7 JUNE 1979
2300 GMT

160 14. 0

TIME M ¹	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	J CLMP M/SEC	V COMP M/SEC	POT V DE K	E POT V DE K	MR RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.0	7.9	180.0	991.5	22.5	22.5	180.0	4.7	0.0	0.2	302.4	302.4	17.6	70.0	0.0	0.
99.9	99.9	1000.0	995.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.9
3.5	9.4	337.1	975.0	29.4	22.6	190.7	11.1	2.1	10.9	303.2	301.9	18.0	70.6	0.5	1.
1.4	11.8	563.9	950.0	29.8	20.8	192.7	11.0	2.1	10.8	303.4	307.7	16.6	74.1	1.0	4.
2.5	14.2	745.6	925.0	22.5	17.9	198.4	14.6	3.7	11.0	303.4	348.4	16.1	80.2	1.7	10.
3.4	16.6	1335.1	930.0	21.8	18.1	205.6	12.9	5.5	11.4	304.8	343.5	14.7	79.5	2.4	13.
4.3	19.0	1279.6	875.0	15.5	16.4	213.8	12.9	7.2	10.7	304.1	280.8	13.6	82.1	3.0	17.
5.2	21.4	1529.4	850.0	18.2	16.3	226.2	13.7	9.9	9.5	305.2	330.0	13.9	78.9	3.7	21.
6.1	23.8	1785.9	875.0	17.1	13.1	239.2	13.8	11.9	7.1	306.7	338.9	11.7	78.2	4.4	27.
7.1	26.3	2349.5	800.0	15.7	11.7	246.3	12.9	11.5	5.0	307.5	335.2	10.9	76.0	5.0	32.
8.1	28.8	2317.7	775.0	13.4	10.2	253.3	12.9	12.4	3.7	308.2	336.6	10.2	81.3	5.7	37.
9.1	31.3	2593.6	750.0	11.3	8.6	262.7	12.3	11.7	3.7	308.8	235.4	9.5	83.6	6.3	41.
10.1	33.8	2477.1	725.0	11.0	7.5	247.0	11.2	10.3	4.4	311.6	330.1	8.4	50.0	7.0	46.
11.5	36.4	3173.1	700.0	10.4	-0.5	247.9	11.3	10.5	4.3	314.6	329.7	5.3	40.8	7.7	48.
12.6	39.1	3471.7	675.0	7.9	-2.7	256.2	12.4	12.1	3.0	316.5	328.4	4.7	48.9	8.5	49.
13.9	41.9	3781.9	650.0	4.8	-3.3	257.7	12.7	12.4	2.7	318.4	328.2	4.6	55.6	9.3	51.
14.9	44.6	4103.4	625.0	2.5	-5.6	251.9	13.3	12.7	6.1	315.3	277.5	4.0	94.9	10.0	54.
16.3	47.5	4429.9	600.0	0.4	-9.2	261.6	13.8	12.3	6.1	316.6	276.4	3.2	88.1	11.1	55.
17.5	50.6	4770.6	575.0	-1.1	-9.2	265.8	14.4	12.5	7.3	318.7	280.9	3.3	50.8	12.2	55.
18.9	53.4	5129.3	550.0	-2.3	-13.0	249.5	15.9	14.3	6.8	321.4	289.5	1.2	21.3	13.4	56.
20.1	56.4	5482.1	525.0	-5.1	-13.0	246.5	17.9	16.4	7.1	322.3	330.8	2.7	83.7	14.6	57.
21.4	59.6	5823.5	500.0	-7.6	-28.0	249.7	18.7	17.4	6.8	323.6	328.2	0.8	17.6	16.1	58.
22.4	62.8	6270.5	475.0	-10.3	-35.1	255.0	16.5	17.9	4.8	325.1	326.6	0.4	11.0	17.1	59.
24.3	66.1	6835.5	450.0	-12.8	-35.3	264.9	18.0	17.4	1.8	324.1	329.7	0.4	12.3	19.0	61.
25.4	69.5	7120.5	425.0	-14.8	-37.4	269.6	14.5	19.5	0.1	330.6	331.3	0.4	12.3	20.6	63.
27.5	73.0	7578.8	400.0	-17.1	-40.0	268.3	17.7	17.7	0.5	332.7	333.8	0.3	11.6	22.3	65.
29.0	75.7	8058.2	375.0	-19.3	-41.6	272.6	16.5	18.5	-0.8	336.6	337.8	0.3	11.8	23.7	67.
30.4	83.5	8508.1	350.0	-22.9	-43.3	277.9	17.9	17.6	-2.4	337.5	338.0	0.2	13.5	25.2	68.
32.5	84.5	9106.3	325.0	-27.0	-45.6	281.4	24.4	23.9	-4.8	339.4	340.2	0.2	15.2	27.1	71.
34.6	84.7	9479.1	300.0	-30.9	-44.7	278.1	33.0	32.7	-4.7	341.5	342.4	0.1	15.5	30.0	74.
36.8	93.3	10280.0	275.0	-35.9	-42.6	279.0	31.3	30.9	-4.9	343.2	343.7	0.1	15.9	36.4	77.
39.1	97.6	10985.2	250.0	-40.9	-40.9	246.7	36.9	35.7	-9.4	349.2	349.9	99.9	999.9	38.7	80.
41.4	102.4	11636.6	225.0	-45.3	-50.2	246.6	42.1	40.3	-12.0	349.1	349.9	59.9	555.9	43.5	83.
44.0	107.8	12432.1	200.0	-51.9	-59.7	249.7	43.2	41.7	-11.0	350.6	349.9	99.9	999.9	49.8	86.
46.9	113.5	13285.5	175.0	-52.4	-58.9	249.8	42.7	40.2	-14.1	353.8	349.9	99.9	999.9	56.9	89.
50.5	123.0	14738.4	150.0	-62.1	-69.9	293.8	37.7	34.5	-18.1	356.2	349.9	99.9	999.9	65.0	92.
54.2	127.0	15332.9	125.0	-70.1	-69.9	282.0	24.6	23.4	-5.0	364.6	349.9	99.9	999.9	71.4	92.
58.5	136.7	16673.6	100.0	-66.4	-67.9	316.0	14.4	10.0	-10.4	399.4	349.9	99.9	999.9	76.6	94.
64.2	143.5	18406.5	75.0	-64.6	-69.9	332.7	6.8	3.1	-0.1	437.5	349.9	99.9	999.9	77.3	96.
72.0	153.0	23907.9	50.0	-57.3	-59.9	86.3	6.2	-0.2	-0.1	508.4	349.9	99.9	999.9	73.6	96.
84.3	162.3	25407.3	25.0	-47.2	-69.9	92.9	12.0	-12.6	0.4	643.8	349.9	99.9	999.9	64.3	97.

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENNESSEE

8 JUNE 1979
200 GMT

199 22. 0

TIME MIN	CNTCT	WEIGHT GPH	WRES MB	TEMP DC C	DIR DG	SPEED M/SEC	U-COMP M/SEC	V-COMP M/SEC	POI 1 DG M	E-POY 7 DG M	HR RTO CM/AG	AM PCT	RANGE NM	AZ DG
0.0	9.1	190.0	992.4	25.2	21.9	3.6	0.0	3.6	299.0	343.4	17.0	82.0	0.0	0.
09.0	99.0	99.0	1000.0	55.0	99.0	99.0	99.0	99.0	99.0	999.0	999.0	999.0	0.0	999.0
0.6	9.8	328.6	975.0	25.4	21.1	12.5	2.4	12.3	301.7	345.2	16.4	72.0	0.4	3.
1.5	12.2	560.4	950.0	25.0	19.7	13.2	4.6	12.5	302.2	343.7	15.4	72.7	1.0	10.
2.3	14.6	800.6	925.0	22.9	18.5	13.4	8.5	12.0	302.7	342.1	14.7	70.3	1.7	15.
3.2	17.2	1039.6	500.0	21.4	18.4	13.3	7.8	11.3	303.2	343.8	15.0	70.1	2.4	19.
4.1	19.5	1291.6	275.0	19.5	15.9	12.3	7.8	9.5	304.2	339.6	13.1	70.8	3.1	23.
5.1	22.0	1533.3	850.0	17.4	15.0	11.9	9.8	7.8	304.4	339.0	12.6	85.6	3.7	27.
6.1	24.6	1780.6	625.0	15.5	13.8	11.2	8.8	6.9	305.0	338.2	12.2	85.7	4.4	31.
7.0	27.1	2050.1	400.0	14.1	12.3	11.8	10.2	5.9	306.2	337.4	11.4	85.0	5.0	35.
8.1	29.7	2318.5	175.0	13.3	9.2	11.5	10.9	3.4	308.2	336.8	9.5	76.2	5.6	38.
9.1	32.4	2559.0	750.0	12.6	6.4	11.0	10.7	2.7	310.2	334.4	8.1	65.0	6.1	42.
10.0	35.1	2790.1	725.0	11.1	3.5	9.9	9.4	3.3	311.7	331.3	6.9	59.3	6.7	45.
11.1	37.8	3171.4	700.0	9.5	-0.9	9.0	8.3	3.5	313.1	328.2	5.1	48.1	7.2	48.
12.1	40.6	3472.1	675.0	7.3	-2.6	8.6	7.4	2.6	313.8	327.4	4.7	49.6	7.7	48.
13.1	43.4	3781.4	650.0	6.4	-3.6	8.0	6.6	1.1	314.6	327.4	4.5	55.7	8.4	51.
14.6	46.3	4099.5	625.0	6.4	-4.1	7.7	6.0	-0.5	316.2	328.2	4.5	65.0	9.2	55.
16.0	49.3	4427.7	600.0	0.0	-13.5	6.0	5.3	0.9	318.1	323.2	2.2	35.1	10.1	59.
17.2	52.3	4747.0	575.0	-2.7	-15.2	5.3	4.8	3.3	316.4	323.3	2.0	37.4	11.0	60.
18.4	55.4	5117.8	550.0	-5.2	-17.1	4.4	4.5	5.2	318.0	323.8	1.8	38.4	12.1	61.
19.6	58.5	5481.7	525.0	-7.6	-16.8	3.4	4.4	5.9	319.2	325.5	2.0	47.9	13.2	62.
20.8	61.8	5859.9	500.0	-9.4	-27.5	2.5	4.6	4.6	321.1	325.0	0.8	23.0	14.4	63.
22.3	65.1	6259.2	475.0	-11.7	-29.7	1.8	4.3	3.9	323.9	325.0	0.7	20.6	15.8	64.
23.0	67.4	6647.2	450.0	-12.9	-36.2	1.3	4.0	2.3	327.1	325.9	0.4	15.0	17.3	65.
24.8	72.0	7102.3	425.0	-14.3	-42.0	1.0	3.8	-0.1	330.7	331.8	0.2	7.4	18.8	67.
25.2	75.6	7455.4	400.0	-17.2	-41.7	1.0	3.8	0.5	332.7	333.6	0.2	9.7	20.1	69.
29.2	79.4	8048.4	375.0	-20.2	-45.2	1.0	3.8	-1.1	338.5	335.6	0.2	8.5	21.4	70.
30.5	81.3	8508.4	350.0	-23.0	-47.7	1.0	3.8	-3.5	336.7	337.2	0.1	8.9	22.0	72.
32.8	87.3	9088.5	325.0	-24.7	-49.7	0.9	3.8	-7.9	340.5	340.4	0.1	5.2	23.1	75.
37.9	91.7	9655.8	300.0	-31.1	-51.0	0.8	3.8	-11.7	341.6	342.1	0.1	11.9	28.2	80.
39.0	96.2	10770.6	275.0	-36.1	-54.0	0.8	3.8	-11.7	343.6	343.3	0.1	12.4	32.2	86.
39.8	103.8	10925.7	250.0	-40.6	-54.0	0.8	3.8	-13.9	345.7	345.9	0.1	65.9	35.9	87.
42.4	104.0	11634.6	225.0	-46.0	-59.9	0.8	3.8	-14.9	348.0	348.0	0.1	99.9	39.9	91.
45.0	111.4	12407.8	200.0	-52.4	-59.9	0.8	3.8	-14.9	349.2	349.2	0.1	99.9	45.0	94.
48.0	117.3	13270.4	175.0	-59.4	-59.9	0.8	3.8	-17.2	351.5	351.5	0.1	99.9	51.9	96.
51.6	121.8	14209.8	150.0	-67.0	-59.9	0.8	3.8	-18.0	354.7	354.7	0.1	99.9	60.0	99.
55.4	130.7	15257.2	125.0	-70.1	-59.9	0.8	3.8	-11.1	358.1	358.1	0.1	99.9	67.4	101.
59.9	137.7	16431.1	100.0	-68.4	-59.9	0.8	3.8	-7.7	365.4	365.4	0.1	99.9	71.2	103.
63.3	147.0	17354.5	75.0	-47.4	-59.9	0.8	3.8	-2.4	431.7	431.7	0.1	99.9	70.7	104.
73.1	156.0	20160.0	50.0	-58.0	-59.9	0.8	3.8	-2.9	606.9	606.9	0.1	99.9	68.4	106.
84.8	165.0	25290.7	25.0	-50.9	-59.9	0.8	3.8	-2.9	638.1	638.1	0.1	99.9	60.2	108.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME MAY BE REFM INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

8 JUNE 1979
000 GMT

163 13. 0

TIME MIN	CNCTY	HEIGHT GPM	PRES MH	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	COMP M/SFC	V COMP M/SEC	PQT T DEG F	E POT T DEG F	MR RTD GPM/KG	RM PCT	RANGE A7 KM	OC
0.0	7.6	1000.0	994.3	23.1	21.5	179.0	3.6	-0.4	3.8	294.7	339.7	16.5	91.0	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	999.9
0.7	9.6	353.1	975.0	23.6	20.7	201.1	11.6	4.2	10.8	308.5	363.4	16.0	74.5	0.4	9.
1.6	11.6	582.1	950.0	24.6	18.6	211.4	11.6	6.2	10.1	302.2	360.6	16.4	69.3	1.0	20.
2.5	14.0	815.6	925.0	22.5	16.9	214.8	11.4	6.7	9.2	303.3	337.9	13.3	71.0	1.6	26.
3.4	16.4	1254.2	900.0	20.8	15.5	220.2	10.6	7.0	8.2	303.6	336.5	12.4	71.5	2.2	29.
4.3	14.8	1297.5	875.0	18.5	15.3	222.3	5.2	6.2	6.8	303.0	337.0	12.9	83.5	2.7	32.
5.2	21.2	1346.5	850.0	17.3	15.6	232.5	6.0	6.4	4.9	304.2	339.2	13.0	88.2	3.1	33.
6.2	23.6	1501.3	825.0	14.7	13.9	251.0	7.2	6.8	2.4	304.1	337.4	12.3	95.3	3.6	37.
7.2	26.1	2022.0	800.0	13.8	13.0	252.8	8.2	6.1	2.5	303.5	338.3	11.9	94.9	3.9	41.
8.3	24.7	2329.5	775.0	11.9	11.1	248.4	9.5	8.9	3.5	300.7	336.5	10.8	94.6	4.5	45.
9.4	31.2	2604.4	750.0	10.3	9.2	246.1	9.7	8.9	3.9	307.7	339.1	9.8	93.4	5.0	44.
10.5	33.9	2846.5	725.0	8.6	7.2	250.3	5.5	8.9	3.2	308.5	333.8	8.9	91.3	5.6	50.
11.6	36.4	3174.5	700.0	7.0	5.6	247.7	4.5	6.8	3.6	310.2	329.9	6.7	74.4	6.2	52.
12.7	39.2	3475.5	675.0	6.0	4.2	239.9	11.4	9.8	5.7	312.4	326.6	6.8	55.4	6.3	53.
13.8	42.0	3783.9	650.0	4.0	3.7	240.7	12.2	10.6	6.0	313.2	326.9	4.5	57.0	7.7	54.
14.9	44.8	4101.6	625.0	1.5	4.8	247.6	15.2	11.3	4.6	314.1	327.1	4.4	63.3	8.5	55.
16.1	47.7	4429.0	600.0	1.4	4.9	250.7	12.7	11.9	6.2	314.2	327.7	4.4	76.7	9.3	56.
17.4	51.7	4767.5	575.0	3.0	12.6	250.2	13.0	12.3	4.3	310.2	324.3	2.5	46.7	10.3	57.
18.6	53.6	5114.6	550.0	4.7	12.6	250.2	12.9	12.1	4.4	310.2	322.3	1.1	23.4	11.3	58.
20.2	56.8	5463.1	525.0	6.9	12.3	250.4	11.6	11.6	2.2	309.2	323.6	1.0	23.4	12.3	60.
21.7	59.9	5822.7	500.0	8.1	17.4	277.8	12.6	12.9	-1.7	323.1	329.4	1.9	46.3	13.4	62.
23.3	63.0	6260.2	475.0	9.8	20.0	287.1	12.9	12.9	-3.8	325.5	331.3	1.6	42.7	14.3	65.
24.9	66.4	6675.9	450.0	12.0	16.3	289.9	11.5	10.6	-2.9	328.3	328.3	0.0	3.2	15.2	67.
26.6	69.7	7112.4	425.0	13.2	16.3	281.3	12.6	12.4	-2.5	332.0	332.1	0.0	1.0	16.1	71.
28.3	73.3	7570.7	400.0	16.6	16.9	289.4	14.3	13.8	-3.8	333.4	333.6	0.0	1.0	17.3	73.
30.1	76.9	8051.9	375.0	20.1	12.7	298.5	17.1	15.6	-2.1	335.0	339.1	0.0	1.0	18.7	76.
31.9	80.7	8560.9	350.0	23.1	16.2	297.6	20.2	17.9	-2.3	337.6	339.4	0.5	28.3	20.3	80.
33.9	84.7	9099.7	325.0	26.6	16.6	300.8	22.1	18.9	-11.3	340.2	342.7	0.7	34.9	22.2	84.
36.1	88.4	9672.6	300.0	31.2	16.1	303.7	23.4	19.5	-13.0	341.4	342.8	0.4	41.1	24.5	84.
38.1	93.0	10282.4	275.0	36.4	15.7	304.4	25.7	22.0	-15.1	342.2	342.8	0.1	11.5	27.1	92.
40.4	97.7	10935.6	250.0	41.7	16.9	301.5	28.0	24.7	-15.2	344.1	349.7	0.9	99.9	30.7	96.
43.2	102.6	11641.4	225.0	47.5	16.5	297.8	31.4	16.5	-16.5	349.7	349.8	0.9	59.9	35.4	99.
45.9	107.8	12409.1	200.0	53.6	16.9	303.6	30.7	10.6	-20.3	348.8	349.9	0.8	99.9	40.9	102.
48.5	113.6	13253.9	175.0	60.0	16.0	310.0	33.0	26.8	-22.5	351.8	359.9	0.9	99.9	46.1	105.
51.9	119.8	14159.7	150.0	68.0	15.9	305.6	31.6	20.7	-18.4	353.2	369.9	0.9	99.9	51.8	108.
54.8	126.8	15244.0	125.0	72.2	16.9	307.5	29.9	20.5	-15.8	364.2	369.9	0.9	99.9	57.9	109.
58.2	134.7	16504.6	100.0	70.9	16.9	22.1	5.5	-2.2	-3.5	390.4	399.9	0.9	99.9	59.9	111.
63.4	144.0	18319.6	75.0	67.6	16.4	14.6	4.4	-3.5	0.4	431.1	399.9	0.9	99.9	58.9	111.
70.9	154.0	20314.7	50.0	59.3	16.4	10.4	-10.4	-10.4	-0.6	503.1	399.9	0.9	99.9	56.7	113.
81.1	164.5	25237.1	25.0	50.2	16.4	95.9	99.9	99.9	99.9	649.6	399.9	0.9	99.9	46.3	118.

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

STATION NO. 327
MURKINVILLE, TENNESSEE

8 JUNE 1979
000 GMT

163 16. 0

TIME MIN	CHTCY	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	E POT T CG M	MT RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.7	180.0	999.6	22.8	20.9	170.0	3.6	-0.6	3.5	294.4	337.4	15.9	89.0	0.0	3.0
99.9	98.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	59.9	999.9	999.9	999.9
0.6	6.5	354.9	975.0	24.5	20.0	999.9	99.9	99.9	99.9	298.8	160.2	15.3	76.2	999.9	999.9
1.5	11.9	583.3	950.0	24.4	18.8	999.9	99.9	99.9	99.9	301.5	399.2	16.5	71.0	999.9	999.9
2.3	18.3	916.9	925.0	22.1	17.7	999.9	99.9	99.9	99.9	301.5	399.2	13.9	76.0	999.9	999.9
3.3	16.7	1015.3	905.0	20.6	17.3	999.9	99.9	99.9	99.9	302.8	399.2	14.0	81.4	999.9	999.9
4.0	19.1	1259.9	875.0	18.2	16.3	229.3	9.6	7.3	6.3	302.7	399.0	13.5	88.5	2.7	32.0
4.9	21.6	1587.9	850.0	17.1	15.0	230.6	7.5	5.8	4.7	302.6	399.7	12.8	88.1	3.1	35.0
5.8	23.1	1907.7	825.0	15.9	14.6	229.3	5.2	4.0	3.4	305.6	399.9	12.6	84.4	3.4	36.0
6.8	25.6	2264.5	800.0	14.2	12.9	229.9	6.2	4.7	4.0	306.2	398.8	11.9	91.9	3.7	37.0
7.7	29.2	2332.6	775.0	12.0	10.8	233.5	6.3	5.1	3.7	306.8	398.1	10.6	92.2	4.1	38.0
8.7	31.0	2627.4	750.0	10.1	8.9	237.3	7.1	5.9	3.8	307.8	394.3	9.6	91.7	4.4	40.0
9.7	34.0	2859.7	725.0	8.8	6.0	240.0	7.8	6.7	3.9	309.1	392.1	8.1	82.3	4.9	42.0
10.6	37.1	3180.2	700.0	7.7	3.1	247.5	8.2	7.6	3.1	311.0	390.9	6.9	72.7	5.3	43.0
11.6	39.8	3475.2	675.0	5.5	1.0	251.8	8.2	7.8	2.8	311.6	329.6	6.1	72.5	5.7	46.0
12.7	42.6	3787.7	650.0	3.8	-2.4	259.1	8.9	8.6	2.3	313.2	327.9	4.9	64.0	6.2	48.0
13.6	45.4	4105.5	625.0	1.5	-3.3	252.3	11.3	10.8	3.5	316.2	328.5	4.8	70.0	6.8	51.0
15.0	48.3	4433.3	600.0	-0.9	-4.9	252.3	11.2	11.2	3.6	315.1	328.5	4.5	78.4	7.6	53.0
16.3	51.3	4772.1	575.0	-3.8	-6.6	263.6	11.9	11.4	1.3	316.2	327.2	3.5	65.1	8.5	55.0
17.7	54.3	5125.9	550.0	-3.7	-8.5	274.0	10.5	10.5	-0.7	319.7	324.9	1.6	30.4	9.2	58.0
19.1	57.4	5490.6	525.0	-5.3	-15.6	276.6	6.2	6.1	-0.9	322.1	329.1	2.2	44.4	9.9	61.0
20.6	60.5	5872.6	500.0	-7.2	-13.6	297.2	6.3	5.9	-2.2	324.2	335.0	3.4	76.4	10.4	63.0
22.1	63.4	6271.4	475.0	-9.1	-14.9	308.3	6.7	5.7	-2.9	326.7	336.6	2.5	67.0	10.6	66.0
23.6	67.1	6688.0	450.0	-12.0	-15.0	307.3	7.1	5.7	-4.3	328.2	336.8	2.7	78.5	10.9	65.0
25.3	72.6	7125.1	425.0	-13.0	-17.9	327.8	16.0	8.6	-6.6	332.2	333.3	0.3	9.3	11.4	72.0
27.1	78.1	7544.7	400.0	-15.9	-32.4	311.1	12.8	9.6	-8.4	334.4	336.6	0.6	22.8	12.1	71.0
29.9	84.6	8068.3	375.0	-18.9	-43.9	309.5	18.0	14.9	-11.8	338.6	337.3	0.2	8.9	13.1	83.0
32.7	91.6	8579.0	350.0	-22.4	-48.2	308.8	28.2	21.0	-15.7	338.6	339.3	0.2	5.2	15.0	84.0
34.5	94.5	9116.9	325.0	-26.6	-48.1	303.9	31.7	26.3	-17.7	340.6	340.6	0.1	11.0	17.6	95.0
36.5	97.7	9690.9	300.0	-31.5	-51.3	308.2	27.3	21.4	-16.9	340.6	341.4	0.1	11.0	21.1	101.0
38.6	98.0	10300.3	275.0	-35.9	-44.7	303.1	26.4	22.1	-14.4	343.2	341.4	0.1	12.2	23.9	104.0
39.5	94.6	10956.5	250.0	-40.8	59.9	303.9	35.2	26.8	-18.0	348.4	399.8	99.9	569.9	27.9	107.0
41.6	103.0	11663.9	225.0	-47.0	59.9	308.8	32.6	27.1	-20.2	348.8	599.9	56.9	965.9	32.9	110.0
44.7	108.9	12374.5	200.0	-51.9	99.9	307.1	34.0	27.1	-20.5	350.6	999.9	99.9	569.9	36.4	112.0
46.8	114.5	13269.0	175.0	-58.1	59.9	314.8	27.5	18.5	-19.4	354.6	999.9	59.9	554.9	42.8	114.0
49.6	120.8	14240.3	150.0	-66.2	99.9	314.5	27.4	19.6	-19.2	356.1	999.9	99.9	999.9	46.7	116.0
52.8	127.8	15323.1	125.0	-73.2	59.9	313.4	23.4	17.0	-16.1	362.2	599.9	59.9	595.9	52.2	117.0
56.3	135.7	16639.6	100.0	-71.5	59.9	344.8	5.4	-3.1	-4.4	369.3	599.9	59.9	594.9	53.8	119.0
61.2	146.3	18133.3	75.0	-67.6	99.9	69.8	4.0	-3.7	-1.6	431.2	999.9	59.9	595.9	51.4	118.0
68.7	154.0	20335.3	50.0	-60.1	99.9	79.7	10.7	-10.5	-1.9	501.9	999.9	59.9	595.9	51.4	124.0
80.7	163.5	25573.0	25.0	-49.3	59.9	92.7	11.6	-11.6	0.3	663.2	999.9	59.9	999.9	64.8	129.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 99 FEET MEANS TEMPERATURE OR TIME WIND MEAN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

6 JUNE 1979
1100 GMT

102 12. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES HR	TEMP DE C	DEB PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG H	E POT 1 DG K	WF RTO GM/KG	DN PCT	RANGE KM	AZ DG
0.0	7.4	180.0	996.2	22.2	20.5	170.0	2.0	-0.5	2.6	298.7	335.7	15.4	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	999.9
3.7	9.2	368.0	975.0	22.4	20.6	204.0	9.4	3.8	8.4	307.6	339.9	16.1	89.7	0.3	17.
1.4	11.5	765.6	950.0	23.3	20.0	218.5	12.1	7.2	9.8	308.8	342.3	15.7	82.0	0.9	26.
2.4	17.8	828.8	925.0	21.6	18.9	225.3	11.8	8.4	8.3	301.4	341.3	15.0	88.6	1.5	32.
3.2	16.1	1066.4	900.0	20.0	17.9	238.0	11.0	9.1	6.2	302.1	341.1	16.6	88.0	2.1	37.
4.2	14.5	1309.7	875.0	18.4	15.3	244.7	9.8	8.8	4.2	302.5	337.1	12.7	82.1	2.6	47.
5.1	23.8	1552.4	850.0	16.7	15.4	242.0	9.2	8.2	4.3	303.2	339.1	13.1	91.7	3.1	46.
6.0	23.2	1412.4	825.0	14.6	13.4	246.0	6.2	6.7	4.8	304.1	336.3	11.8	92.4	3.6	48.
6.9	23.7	2073.4	800.0	13.5	12.8	219.3	7.9	5.0	6.1	305.2	337.6	11.7	95.7	4.0	48.
8.3	28.2	2340.7	775.0	11.7	10.9	218.5	8.0	5.0	6.2	306.4	335.9	10.7	95.4	4.5	42.
9.1	37.8	2614.9	750.0	10.1	9.3	220.1	7.9	5.1	6.0	307.6	335.1	9.9	96.3	5.0	46.
10.2	37.3	2486.9	725.0	8.4	6.4	223.6	7.1	6.9	5.1	308.7	332.3	8.4	87.1	5.5	45.
11.4	36.0	3186.9	700.0	6.9	4.4	232.4	6.4	5.0	3.9	310.1	331.6	7.5	84.2	6.0	45.
12.6	14.7	3425.5	675.0	5.2	1.3	250.5	7.2	6.8	2.4	311.4	329.6	6.3	76.2	6.4	47.
13.7	81.3	3793.6	650.0	3.7	-1.3	231.4	8.2	7.8	2.6	313.2	329.0	5.4	69.7	6.9	49.
14.9	44.1	4111.0	625.0	1.1	-2.4	217.8	9.1	8.4	3.4	317.7	328.4	4.9	78.3	7.5	50.
16.3	47.0	4438.5	600.0	-1.2	-8.5	250.7	6.7	9.1	3.2	314.7	328.4	4.6	78.0	6.2	52.
17.6	49.9	4777.5	575.0	-2.3	-9.5	261.8	5.3	8.2	1.2	317.3	328.0	3.5	82.4	9.0	54.
19.3	52.9	5130.1	550.0	-3.4	-22.0	274.5	7.2	7.1	-0.6	320.1	328.0	1.2	22.0	9.4	56.
20.3	52.9	5457.1	525.0	-4.9	-12.0	287.5	4.3	6.1	-1.3	322.2	331.7	2.9	57.4	9.8	58.
21.4	59.8	5979.2	500.0	-7.2	-19.5	298.6	1.9	1.0	-1.7	324.3	333.1	3.4	77.3	9.9	59.
23.5	62.3	6277.6	475.0	-11.7	-12.1	322.2	1.6	1.0	-1.2	325.9	335.9	3.2	86.3	9.9	60.
25.7	65.6	6593.4	450.0	-11.7	-21.1	296.9	4.1	3.7	-0.1	328.2	331.6	0.1	2.0	10.3	61.
26.7	65.9	7130.3	425.0	-13.6	-22.8	305.7	7.0	3.7	-0.1	331.6	331.6	0.1	2.4	10.6	67.
28.3	72.4	7588.4	400.0	-16.6	-51.6	307.5	11.2	8.9	-6.8	333.2	333.7	0.1	2.4	11.3	73.
29.8	76.0	8078.9	375.0	-19.1	-29.7	313.9	17.8	12.8	-12.4	336.4	336.4	0.0	2.0	11.3	73.
31.4	79.4	8540.9	350.0	-23.0	-57.9	317.4	23.2	17.1	-15.6	337.8	337.9	0.0	2.4	12.4	82.
33.3	83.4	9118.5	325.0	-27.8	-53.3	324.7	27.2	22.4	-15.5	338.4	338.8	0.1	6.6	14.5	90.
35.2	87.8	9684.8	300.0	-32.2	-49.2	303.0	28.1	23.6	-15.3	340.3	340.3	0.1	7.1	17.4	96.
37.4	92.2	10293.1	275.0	-36.4	-55.1	303.8	32.1	25.7	-17.9	342.5	342.8	0.1	12.3	20.8	101.
39.6	96.8	10953.0	250.0	-41.1	-59.9	309.3	30.5	23.6	-19.3	345.6	345.6	99.9	99.9	24.9	105.
42.2	101.9	11661.4	225.0	-45.8	99.9	311.8	27.2	28.2	-18.1	348.4	348.4	99.9	99.9	28.7	109.
44.7	107.9	12433.1	200.0	-51.9	99.9	307.1	30.4	28.2	-18.3	350.7	349.9	99.9	99.9	32.8	111.
47.6	117.8	13287.5	175.0	-58.3	99.9	315.9	28.7	19.7	-20.3	353.6	349.9	99.9	99.9	37.8	116.
50.5	119.0	14238.6	150.0	-66.4	99.9	325.9	21.3	12.0	-17.6	355.7	349.9	99.9	99.9	41.7	117.
52.9	126.0	15324.4	125.0	-73.1	99.9	311.6	14.5	9.3	-17.2	362.7	349.9	99.9	99.9	45.3	119.
57.9	114.0	16438.6	100.0	-71.7	99.9	35.8	5.0	-3.0	-4.1	389.2	349.9	99.9	99.9	47.4	122.
63.3	143.0	18347.5	75.0	-67.4	99.9	39.1	7.3	-8.6	-5.6	431.6	349.9	99.9	99.9	47.3	123.
73.1	153.0	20832.3	50.0	-56.8	99.9	64.3	11.6	-11.6	-1.2	502.7	349.9	99.9	99.9	44.4	128.
81.1	163.0	25298.1	25.0	-69.9	99.9	99.9	99.9	99.9	99.9	641.1	349.9	99.9	99.9	39.0	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. 349
LITTLE ROCK, ARKANSAS

7 JUNE 1979
1100 GMT

163 18. 0

TIME MIN	GMTCT	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 M	E POT T DG M	MX RTU GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	172.0	987.2	23.3	21.7	190.0	5.1	0.9	5.0	297.8	341.5	16.9	91.8	0.0	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	8.9	281.1	975.0	22.9	22.3	599.9	99.5	99.9	99.9	298.2	349.3	17.7	96.2	997.9	999.9
1.3	11.3	730.2	550.0	21.3	20.7	559.9	59.9	59.9	59.9	298.2	341.8	16.4	96.4	999.9	999.9
2.2	13.6	730.9	425.0	20.3	19.7	999.9	99.9	99.9	99.9	300.0	341.6	15.8	96.3	999.9	999.9
3.2	16.0	976.9	900.0	19.3	18.2	999.9	99.9	99.9	99.9	301.4	342.4	15.4	96.8	999.9	999.9
4.2	19.5	1219.9	875.0	18.3	16.2	999.9	99.9	99.9	99.9	302.8	338.8	13.4	87.8	999.9	999.9
5.2	23.9	1865.1	850.0	16.0	15.7	999.9	99.9	99.9	99.9	305.1	341.4	13.4	86.3	999.9	999.9
6.0	24.4	1725.0	825.0	16.6	13.6	559.9	99.5	99.9	99.9	306.5	339.6	12.0	86.8	999.9	999.9
8.9	26.0	1706.9	600.0	14.8	11.5	999.9	99.9	99.9	99.9	306.5	339.6	10.7	86.5	999.9	999.9
7.8	24.4	2255.6	775.0	12.9	8.6	215.4	12.2	8.6	12.4	307.7	339.6	9.3	76.3	6.9	31.
8.7	31.0	2330.9	750.0	11.7	8.2	223.0	15.1	10.3	11.0	309.2	329.1	6.9	60.1	7.8	31.
9.6	33.7	2414.1	725.0	10.3	-1.7	233.7	15.6	12.5	9.2	310.0	329.5	4.7	43.1	8.6	31.
10.3	36.3	3105.8	700.0	5.1	-8.1	240.2	17.5	15.6	8.9	312.0	329.8	4.1	39.3	9.7	36.
12.1	39.1	3406.0	675.0	6.5	-14.2	242.2	17.9	15.9	8.3	312.5	328.2	5.2	57.9	10.8	39.
13.4	41.9	3714.4	650.0	3.9	-31.2	245.1	19.1	17.3	8.1	313.4	327.2	4.7	60.0	12.3	42.
15.0	44.8	4322.3	625.0	1.7	-13.3	248.4	17.8	16.6	6.5	314.4	323.0	2.6	40.4	13.8	45.
16.4	47.7	4360.1	600.0	-0.2	-31.2	248.4	18.7	16.8	8.1	315.5	317.9	0.6	9.7	15.3	47.
17.5	53.6	4659.4	575.0	-2.0	-51.2	248.6	21.7	19.9	8.6	317.7	317.9	0.1	1.0	16.9	49.
19.0	53.6	5051.0	550.0	-4.3	-51.7	248.7	23.3	21.4	9.2	319.0	319.2	0.1	1.1	19.5	50.
20.3	56.8	5416.4	525.0	-5.6	-24.1	238.8	24.3	20.4	13.3	321.7	323.9	0.7	13.9	20.2	51.
21.7	59.9	5757.2	500.0	-7.5	-25.0	235.7	25.4	20.9	14.3	323.5	327.3	1.0	23.2	22.4	52.
23.9	63.1	6195.0	475.0	-9.6	-52.3	237.1	26.9	22.6	14.6	326.2	326.6	0.1	3.3	25.7	52.
25.7	66.4	6611.2	450.0	-11.6	-28.3	238.1	28.3	23.4	15.8	328.0	329.1	1.0	28.8	29.8	53.
27.5	70.0	7386.6	425.0	-14.7	-59.2	239.1	30.7	26.3	15.7	330.2	330.3	0.0	1.0	31.8	53.
29.3	73.4	7302.6	400.0	-16.3	-58.8	242.3	31.7	28.0	14.7	331.2	331.3	0.0	1.6	34.7	54.
31.2	77.1	7941.7	375.0	-20.8	-63.1	248.4	31.6	29.4	11.6	334.1	334.2	0.0	1.0	38.6	55.
33.2	80.9	8490.4	350.0	-22.2	-27.1	256.6	33.7	32.0	7.8	338.9	343.1	1.2	45.3	42.6	57.
35.2	84.8	9332.4	325.0	-24.3	-33.8	264.6	33.5	33.3	3.1	341.5	344.3	0.7	49.3	46.1	59.
37.3	89.0	9987.9	300.0	-30.2	-64.0	264.7	37.8	37.6	3.5	342.4	342.9	0.0	2.1	50.1	61.
39.4	93.2	10222.3	275.0	-33.9	-71.7	265.5	43.4	43.4	3.4	346.1	346.2	0.0	1.0	55.0	63.
42.0	97.5	10681.8	250.0	-39.8	-59.9	265.7	43.2	42.9	5.5	346.6	346.6	99.9	95.9	61.4	66.
44.6	102.8	11597.2	225.0	-42.7	99.9	250.0	42.3	44.1	10.2	368.2	368.2	99.9	95.9	67.8	67.
46.8	108.0	12344.4	200.0	-51.9	99.9	259.6	44.7	44.0	8.1	350.7	359.9	99.9	95.9	73.8	68.
49.7	113.8	13216.8	175.0	-56.7	99.9	259.9	42.0	41.3	7.4	351.4	359.9	99.9	99.9	80.9	69.
52.2	120.0	14133.8	150.0	-61.3	64.9	268.1	36.1	35.5	6.2	358.5	359.9	99.9	95.9	89.1	70.
53.1	127.0	15259.9	125.0	-69.0	99.9	270.1	32.0	21.9	-2.3	370.0	370.0	99.9	99.9	96.9	71.
61.6	135.0	16586.0	100.0	-65.9	99.9	230.0	10.1	8.2	4.4	392.7	392.7	99.9	99.9	99.9	71.
67.2	144.0	18314.7	75.0	-62.1	99.9	157.6	4.7	-1.8	6.0	434.2	434.2	99.9	99.9	101.6	71.
74.7	154.5	20920.9	50.0	-54.4	99.9	95.9	6.9	-6.9	0.7	505.5	505.5	99.9	95.9	99.3	70.
87.5	166.0	25329.9	25.0	-47.8	99.9	104.0	7.6	-7.4	1.9	647.2	647.2	99.9	99.9	92.7	68.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
7 JUNE 1979
1405 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MF RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0														160	11.0
0.0	7.2	172.0	989.9	22.2	19.9	210.0	1.5	0.7	1.3	296.2	335.3	15.0	87.0	0.0	0.
0.0	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	5.6	306.6	575.0	22.1	21.6	220.1	6.6	4.4	5.2	297.4	341.4	16.9	96.9	0.2	41.
1.4	10.9	530.9	950.0	21.0	20.5	208.3	10.4	5.1	9.0	298.2	341.1	16.3	97.3	0.7	36.
2.2	13.3	762.2	925.0	19.5	19.1	218.8	12.3	7.7	9.6	299.3	339.3	15.2	97.2	1.3	36.
3.0	15.7	998.7	900.0	18.1	17.7	223.5	15.6	10.7	11.3	300.2	338.1	14.3	97.1	1.9	36.
3.3	19.1	1290.4	875.0	16.6	16.2	228.5	16.1	12.0	10.6	301.1	337.6	13.4	97.0	2.7	40.
4.0	20.5	1498.1	850.0	15.0	14.7	225.5	17.0	12.1	11.9	302.7	337.0	13.0	96.9	3.6	42.
5.0	23.0	1762.0	825.0	14.7	14.2	222.9	16.1	11.0	11.0	304.1	336.0	12.5	97.2	4.5	42.
6.5	25.5	2022.7	800.0	13.6	12.3	220.0	14.3	9.2	11.0	305.4	336.7	11.3	92.0	5.3	42.
7.6	29.0	2270.8	775.0	12.7	11.7	219.1	15.3	9.6	11.8	307.2	336.5	11.2	93.4	6.2	42.
8.6	30.5	2566.3	750.0	11.5	9.4	219.7	15.7	10.1	12.1	309.1	329.5	7.2	62.7	7.2	41.
9.0	33.1	2829.4	725.0	10.8	-4.8	223.6	16.4	11.3	11.9	311.3	322.4	3.7	33.3	8.4	41.
11.1	35.0	3121.3	700.0	5.2	-5.2	238.0	17.7	14.4	10.4	312.7	323.9	3.7	35.9	9.6	42.
12.2	39.6	3421.4	675.0	6.7	-3.4	243.0	18.1	16.1	8.2	313.1	325.2	4.4	49.4	10.7	44.
13.4	41.2	3750.0	650.0	3.9	-5.0	248.6	19.0	17.2	8.2	313.4	325.7	4.1	52.2	12.0	46.
16.8	44.0	4087.6	625.0	2.0	-13.8	243.4	20.4	18.3	9.2	314.7	321.3	2.1	29.9	13.6	48.
16.0	46.9	4375.5	600.0	-0.5	-15.4	253.0	20.7	19.8	6.1	315.2	321.6	1.9	31.5	15.1	50.
17.3	49.9	4714.6	575.0	-2.2	-39.9	258.1	21.4	21.0	4.4	317.4	319.6	0.2	3.6	16.6	53.
18.4	52.8	5053.9	550.0	-0.3	-47.7	255.3	22.0	21.3	5.6	319.4	319.6	0.2	3.2	18.2	55.
20.2	55.9	5431.7	525.0	-5.4	-26.8	247.0	24.6	22.7	9.6	322.0	320.6	0.6	16.6	20.2	57.
21.8	59.0	5812.2	500.0	-8.8	-15.1	248.5	25.1	22.6	10.8	322.1	320.6	2.4	68.4	22.5	58.
23.2	62.1	6206.6	475.0	-10.4	-50.5	241.7	26.4	23.3	12.5	325.1	320.6	0.0	1.0	24.6	58.
24.6	65.5	6623.6	450.0	-11.8	-57.4	248.0	29.1	22.2	11.8	329.4	320.6	0.0	1.0	26.8	58.
26.2	68.9	7056.5	425.0	-14.7	-59.3	248.1	28.3	24.4	9.0	330.1	330.2	0.0	1.0	29.4	59.
28.2	72.4	7515.4	400.0	-17.4	-60.9	250.9	31.0	29.3	10.1	332.2	332.6	0.0	1.0	32.4	60.
29.9	76.0	7995.8	375.0	-20.3	-62.8	254.4	32.2	31.0	8.7	334.8	334.9	0.0	1.0	35.9	61.
31.6	79.8	8502.9	350.0	-24.4	-65.5	253.2	30.4	28.1	8.8	338.5	334.0	0.0	1.0	38.9	62.
33.4	83.7	9033.4	325.0	-25.1	-66.0	259.1	32.7	32.1	6.2	342.1	342.2	0.0	1.0	42.2	63.
35.4	87.8	9620.2	300.0	-29.3	-68.7	268.0	37.3	37.2	2.6	344.2	344.2	0.0	1.0	46.2	63.
37.6	92.2	10235.3	275.0	-34.5	-72.1	267.1	40.9	40.9	2.1	345.3	345.3	0.0	1.0	50.9	67.
39.7	96.6	10894.4	250.0	-39.9	97.9	264.6	44.0	43.8	4.1	346.2	349.9	99.9	999.9	56.1	69.
42.1	101.4	11604.7	225.0	-45.7	59.9	257.9	41.6	40.7	8.7	349.5	349.9	99.9	999.9	61.9	70.
44.8	106.6	12377.9	200.0	-52.3	59.9	261.9	39.1	38.7	5.5	349.5	349.9	99.9	999.9	68.5	71.
47.7	112.3	13226.1	175.0	-55.6	99.9	264.4	40.3	39.9	6.1	351.8	349.9	99.9	999.9	75.4	72.
50.8	118.5	14176.5	150.0	-61.1	59.9	269.3	36.9	36.9	6.5	357.5	357.5	99.9	999.9	82.4	73.
54.4	124.3	15274.7	125.0	-69.6	99.9	272.6	24.5	24.5	-1.1	369.2	369.2	99.9	999.9	89.2	75.
58.1	132.7	16591.6	100.0	-85.3	59.9	241.4	13.1	11.3	6.3	393.0	393.0	99.9	999.9	93.0	75.
63.3	141.3	18233.1	75.0	-87.0	99.9	147.1	6.3	-3.4	5.2	432.4	432.4	99.9	999.9	94.9	76.
70.7	151.0	20244.9	50.0	-57.0	99.9	108.8	5.8	-9.4	2.6	507.7	507.7	99.9	999.9	91.6	76.
82.4	163.7	25330.2	25.0	-48.6	99.9	99.9	99.9	99.9	99.9	645.1	645.1	99.9	999.9	85.9	72.

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

STATION NO. 368
LITTLE ROCK, ARKANSAS
7 JUNE 1978
1757 GMT

150 10. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT T DG K	E GAT Y DG K	MZ STD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.0	172.0	990.1	27.0	23.4	180.0	3.1	0.0	3.1	301.0	351.4	18.0	77.0	0.0	0.
0.0	0.0	99.0	1000.0	99.0	99.0	99.0	99.0	95.0	99.0	99.0	99.0	18.0	99.0	999.9	999.
0.5	5.3	308.3	575.0	25.2	23.5	190.4	7.6	1.9	7.3	300.2	350.6	19.1	90.2	0.2	1.
1.3	10.6	537.1	530.0	23.1	22.7	183.3	6.5	2.5	9.1	300.7	349.9	18.7	97.6	0.6	0.
2.2	12.9	770.4	925.0	21.0	21.4	209.2	12.2	5.9	10.6	301.8	348.4	17.7	97.6	1.1	15.
3.2	15.4	1009.1	500.0	20.9	20.1	223.2	15.4	10.6	11.2	303.0	347.6	16.7	95.3	1.9	24.
4.3	17.0	1253.5	875.0	19.5	16.3	230.6	15.2	11.2	9.6	304.0	345.4	15.4	93.0	2.9	33.
5.4	20.3	1503.5	650.0	17.0	17.0	235.3	15.5	12.7	9.0	304.0	344.2	14.6	93.0	3.9	38.
6.5	22.7	1789.6	825.0	16.4	15.9	231.1	15.0	11.7	8.4	306.0	343.8	13.9	96.4	4.8	41.
7.6	25.3	2021.7	800.0	14.5	14.2	220.8	15.9	12.0	10.5	306.0	341.8	12.9	96.1	5.9	43.
8.6	27.9	2290.1	775.0	13.1	9.3	229.0	16.3	12.3	10.7	307.5	334.5	5.6	77.8	6.8	44.
9.5	30.4	2566.9	750.0	12.0	7.5	228.3	15.1	11.3	10.1	310.2	335.3	8.0	70.1	7.7	46.
10.6	33.1	2851.3	725.0	11.2	6.0	231.7	14.3	11.2	8.9	311.7	333.3	7.5	65.3	8.7	45.
11.7	35.8	3144.1	700.0	5.9	-1.0	235.5	14.7	12.1	8.3	313.4	327.7	4.0	46.	9.6	46.
12.5	34.6	3445.2	675.0	6.4	-13.3	236.3	16.0	13.3	6.9	315.1	321.5	2.0	19.9	10.5	47.
13.8	41.3	3755.0	650.0	6.0	-8.5	242.0	15.6	13.8	7.3	315.1	328.5	4.2	46.7	11.5	48.
15.0	46.2	4075.7	625.0	3.0	-3.7	248.7	17.0	15.6	6.7	315.5	329.9	4.7	61.1	12.6	49.
16.3	47.1	4405.0	600.0	0.3	-3.0	248.1	19.2	17.0	7.2	316.2	320.0	4.0	73.6	14.0	51.
17.7	50.1	4744.9	575.0	-2.5	-5.2	250.9	18.0	17.8	6.2	317.1	329.9	4.2	76.1	15.5	53.
19.0	53.1	5096.2	550.0	-5.2	-11.0	258.4	18.0	17.6	3.0	318.0	327.5	3.1	64.6	16.9	55.
20.4	56.3	5460.8	525.0	-6.9	-13.5	259.9	18.1	17.6	4.1	320.1	321.6	0.4	9.6	18.2	57.
21.8	59.5	5811.5	500.0	-7.1	-5.4	264.2	20.0	18.0	8.7	324.4	324.6	0.0	1.0	19.7	58.
23.2	62.8	6239.5	475.0	-9.2	-5.8	263.3	21.8	18.8	9.5	326.2	328.7	0.0	1.0	21.5	58.
24.6	66.1	6655.5	450.0	-11.3	-5.0	269.0	22.4	20.0	8.1	329.1	329.2	0.0	1.0	23.2	59.
25.9	69.6	7091.4	425.0	-14.0	-5.0	262.0	24.7	23.6	7.3	331.0	331.1	0.0	1.0	25.1	60.
27.6	73.1	7549.4	400.0	-16.9	-6.4	259.3	24.4	25.9	4.9	333.6	333.2	0.0	1.0	27.5	61.
29.2	76.8	8030.6	375.0	-20.4	-6.2	258.3	25.5	28.9	6.0	334.2	334.7	0.0	1.0	30.2	63.
30.9	80.7	8539.7	350.0	-21.4	-6.6	253.4	33.0	32.2	9.0	339.5	340.8	0.0	1.0	33.1	64.
32.5	84.7	9083.0	325.0	-24.5	-6.5	257.9	32.2	31.5	6.8	343.0	343.0	0.0	1.0	36.3	65.
34.5	88.8	9660.2	300.0	-29.5	-6.8	265.0	33.2	34.0	3.4	343.0	343.0	0.0	1.0	40.1	68.
36.4	93.2	10274.5	275.0	-34.7	-7.2	268.9	35.9	35.8	0.7	344.5	345.0	0.0	1.0	44.1	68.
38.7	97.8	10932.0	250.0	-40.2	99.9	267.2	39.7	38.7	1.9	346.1	999.0	99.0	999.0	48.4	70.
40.7	102.8	11640.9	225.0	-46.4	59.9	265.5	38.0	38.7	3.0	347.4	999.9	99.9	999.9	53.2	72.
43.0	109.0	12413.7	200.0	-52.2	99.9	262.2	38.2	37.9	5.2	350.1	999.9	99.9	999.9	58.2	73.
45.8	117.0	13262.4	175.0	-59.0	59.9	265.3	36.0	36.8	3.7	351.2	999.6	99.9	999.9	64.9	74.
49.5	120.0	14214.4	150.0	-64.7	59.9	265.0	30.8	30.8	0.5	352.4	999.0	99.9	999.9	70.5	75.
51.7	126.8	15316.1	125.0	-70.2	59.9	267.6	23.2	23.2	1.0	367.5	999.9	99.9	999.9	75.4	76.
55.4	134.3	16537.3	100.0	-71.1	59.9	263.2	14.1	14.0	1.7	390.2	999.0	99.9	999.9	79.2	76.
60.2	142.7	18353.5	75.0	-66.6	99.9	153.4	6.7	-2.8	6.1	433.2	999.0	99.9	999.9	80.7	76.
67.2	151.7	20869.0	50.0	-59.4	99.9	120.1	7.7	-4.7	3.9	509.2	999.6	99.9	999.9	78.6	74.
79.0	161.3	25372.9	25.0	-47.8	99.9	91.4	14.0	-14.6	0.4	647.6	999.0	99.9	999.9	72.5	72.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE AT TIME PAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
8 JUNE 1979
505 GMT

TIME MM	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT V DG K	E POT V DG K	HR RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	172.0	991.1	25.6	23.3	170.0	4.2	-0.8	4.5	299.2	347.9	18.5	87.0	0.0	0.
0.5	9.9	1000.0	999.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	55.9	999.9	999.9	999.9
1.0	9.5	317.2	975.0	25.0	24.2	220.6	19.0	12.3	14.4	300.5	353.3	19.9	92.4	0.4	30.
1.5	10.7	547.0	950.0	25.7	22.2	192.2	19.4	4.1	19.0	303.2	351.5	18.1	81.2	1.1	30.
2.0	13.1	782.1	925.0	23.7	21.7	203.6	19.2	7.8	17.6	303.2	351.6	18.0	80.7	2.1	21.
2.5	15.5	1022.2	900.0	21.6	21.2	213.5	17.3	9.6	14.4	304.2	352.1	18.0	80.8	3.0	24.
3.0	17.0	1267.3	875.0	20.6	19.0	212.6	16.1	10.0	12.6	304.2	349.9	16.9	63.8	3.8	27.
3.5	20.3	1518.0	850.0	18.3	18.1	219.5	13.5	6.6	10.4	302.4	347.6	15.6	98.6	4.4	29.
4.0	22.7	1776.9	825.0	18.6	13.3	216.3	12.8	7.6	10.3	308.2	340.8	11.8	71.4	5.0	30.
4.5	25.2	2339.2	800.0	17.4	11.0	213.9	10.8	6.0	8.9	309.7	338.9	10.4	66.3	5.4	30.
5.0	27.7	2310.2	775.0	15.7	8.6	211.6	10.3	9.4	8.7	310.7	338.5	9.1	62.8	6.1	30.
5.5	32.3	2560.1	750.0	13.9	6.3	221.7	7.4	4.9	5.5	311.7	334.7	8.0	60.1	6.6	31.
6.0	32.9	2573.3	725.0	11.9	3.8	233.7	6.6	3.2	4.1	312.2	332.8	7.0	57.7	7.0	32.
6.5	35.6	3160.4	700.0	5.4	2.0	233.7	5.8	4.6	3.4	312.9	331.4	6.3	59.9	7.4	32.
7.0	39.3	3467.0	675.0	7.0	-2.8	228.0	5.7	4.2	3.8	313.2	327.3	4.6	49.6	7.8	34.
7.5	41.0	3776.4	650.0	4.9	-5.6	221.8	6.2	4.1	4.6	314.2	326.2	3.9	46.4	8.2	34.
8.0	43.9	4095.5	625.0	3.5	-20.9	230.0	7.0	9.4	4.5	316.2	319.0	0.8	9.8	8.6	35.
8.5	46.7	4425.8	600.0	2.7	-48.3	236.9	9.0	7.6	4.9	319.2	319.5	0.1	1.0	9.1	36.
9.0	49.4	4766.8	575.0	0.8	-19.1	239.1	10.1	8.6	5.2	320.5	325.9	1.5	21.4	9.7	37.
9.5	52.6	5124.0	550.0	-1.8	-41.8	236.0	18.1	6.4	5.6	322.5	323.1	0.3	5.5	10.3	39.
10.0	55.7	5492.3	525.0	-3.6	-52.2	231.8	11.0	8.7	6.8	324.1	324.3	0.1	1.0	11.1	40.
10.5	59.9	5870.8	500.0	-5.1	-33.1	249.1	13.4	12.5	4.8	326.5	327.1	6.1	1.0	12.0	41.
11.0	62.0	6279.2	475.0	-5.5	-33.4	266.9	15.4	15.0	0.9	331.2	331.4	0.1	1.0	13.0	44.
11.5	65.4	6701.0	450.0	-4.5	-55.3	273.2	17.9	17.9	-1.0	332.2	332.7	0.0	1.0	14.0	49.
12.0	69.9	7181.7	425.0	-10.8	-56.7	268.3	21.6	21.5	1.4	335.3	335.3	0.0	1.0	15.6	54.
12.5	72.3	7685.4	400.0	-13.6	-58.5	265.3	22.7	22.6	1.9	337.2	337.5	0.0	1.0	17.3	57.
13.0	76.0	8091.9	375.0	-17.8	-61.2	265.7	21.6	21.5	1.9	338.6	338.1	0.0	1.0	19.2	60.
13.5	79.8	8604.0	350.0	-21.9	-63.9	266.3	21.2	21.2	1.4	339.3	339.4	0.0	1.0	21.1	63.
14.0	83.8	9144.7	325.0	-24.4	-66.8	266.0	20.1	20.0	1.4	340.4	340.4	0.0	1.0	22.9	65.
14.5	87.8	9717.0	300.0	-31.0	-69.0	265.5	21.6	21.4	2.8	341.7	341.7	0.0	1.0	25.0	66.
15.0	92.2	10329.6	275.0	-37.2	-72.4	263.3	22.7	22.6	2.6	344.7	344.3	0.0	1.0	27.7	68.
15.5	96.8	10988.3	250.0	-40.3	-69.9	267.9	21.3	21.3	0.6	346.2	346.2	96.9	96.9	30.6	70.
16.0	101.8	11696.6	225.0	-45.9	-69.9	271.2	23.0	23.0	-0.5	348.2	349.9	99.9	99.9	33.4	72.
16.5	107.0	12470.1	200.0	-52.4	-69.9	264.4	25.0	24.9	2.4	349.4	349.9	95.9	95.9	36.9	73.
17.0	112.6	13319.8	175.0	-58.3	-69.9	264.6	20.0	18.9	1.8	352.1	349.9	95.9	95.9	40.8	74.
17.5	114.8	14270.6	150.0	-66.6	-69.9	262.1	18.7	18.3	3.9	351.4	349.9	99.9	99.9	43.8	75.
18.0	119.0	15332.8	125.0	-72.2	-69.9	277.0	15.6	15.5	-1.9	362.0	349.9	99.9	99.9	46.6	77.
18.5	122.7	16633.6	100.0	-75.6	-69.9	234.3	7.1	5.8	4.2	381.6	349.9	99.9	99.9	49.3	78.
19.0	141.0	19353.4	75.0	-67.8	-69.9	999.9	99.9	99.9	99.9	430.7	349.9	99.9	99.9	42.6	77.
19.5	153.0	20833.0	50.0	-60.4	-69.9	999.9	99.9	99.9	99.9	501.3	349.9	99.9	99.9	99.9	99.9
20.0	159.7	25343.3	25.0	-45.8	-69.9	999.9	99.9	99.9	99.9	641.8	349.9	99.9	99.9	999.9	999.9

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

STATION NO. 348
LITTLE ROCK, ARKANSAS

8 JUNE 1979
005 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DIR DG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DS M	E POT V DG K	WIND CH/KG	RM PCT	RANGE KM	AZ DG
0-0	6-7	172-0	992-0	24-4	22-5	95-9	99-9	99-9	298-2	344-1	17-6	89-0	999-9	999-9
0-9	99-9	99-9	1000-0	99-9	99-9	95-9	99-9	99-9	99-9	999-9	99-9	99-9	999-9	999-9
0-6	8-2	324-6	575-0	24-5	23-1	95-9	99-9	99-9	289-6	346-7	18-7	92-3	999-9	999-9
1-5	10-5	733-1	950-0	23-6	20-7	95-9	99-9	99-9	301-4	346-7	16-5	84-0	999-9	999-9
2-4	12-9	788-8	925-0	22-7	19-3	95-9	99-9	99-9	302-2	343-8	15-4	81-0	999-9	999-9
3-3	15-4	1025-9	900-0	21-2	19-0	95-9	99-9	99-9	303-4	345-2	15-4	87-1	999-9	999-9
4-2	17-8	1070-4	875-0	19-7	19-2	95-9	99-9	99-9	303-2	345-2	15-6	91-4	999-9	999-9
5-0	20-2	1520-7	850-0	18-4	17-7	95-9	99-9	99-9	305-4	346-6	15-2	95-6	999-9	999-9
6-3	22-7	1777-5	821-0	17-1	16-2	95-9	99-9	99-9	308-6	345-4	14-2	94-4	999-9	999-9
7-3	25-2	2040-6	800-0	16-3	12-6	95-9	99-9	99-9	308-4	340-3	11-4	77-6	999-9	999-9
8-0	27-6	2311-0	775-0	14-9	10-4	95-9	99-9	99-9	309-4	338-8	10-3	74-3	999-9	999-9
9-1	30-4	2486-5	750-0	13-5	7-9	95-9	99-9	99-9	311-3	336-7	9-0	69-6	999-9	999-9
10-1	33-0	2571-5	725-0	11-5	6-2	95-9	99-9	99-9	312-1	335-7	8-3	70-1	999-9	999-9
11-5	35-8	3106-2	700-0	9-1	4-0	95-9	99-9	99-9	312-6	333-7	7-3	70-6	999-9	999-9
12-6	38-4	3466-9	675-0	6-7	3-7	95-9	99-9	99-9	313-1	322-0	6-5	70-6	999-9	999-9
13-4	41-3	3775-9	650-0	4-0	0-3	95-9	99-9	99-9	313-8	321-2	6-1	70-9	999-9	999-9
15-1	44-1	4032-5	625-0	1-1	-1-7	95-9	99-9	99-9	313-7	320-7	5-4	81-0	999-9	999-9
16-4	47-0	4281-1	600-0	-0-5	-0-1	95-9	99-9	99-9	315-2	325-6	3-2	52-1	999-9	999-9
17-8	50-0	4739-8	575-0	-2-7	-19-0	95-9	99-9	99-9	316-8	321-6	1-5	27-2	999-9	999-9
19-2	53-0	5113-0	550-0	-0-2	-20-1	95-9	99-9	99-9	323-5	324-2	0-1	1-0	999-9	999-9
20-4	56-1	5403-7	525-0	-2-8	-51-7	95-9	99-9	99-9	325-1	325-3	0-1	1-0	999-9	999-9
22-1	59-4	5868-9	502-0	-4-4	-52-7	95-9	99-9	99-9	327-7	327-9	0-1	1-0	999-9	999-9
23-4	62-6	6271-5	475-0	-6-2	-53-0	95-9	99-9	99-9	330-2	330-5	0-1	1-0	999-9	999-9
25-3	66-0	6691-0	452-0	-8-3	-55-0	95-9	99-9	99-9	331-2	331-7	0-0	1-0	999-9	999-9
27-1	69-4	7131-6	425-0	-12-3	-57-7	95-9	99-9	99-9	333-2	333-4	0-0	1-0	999-9	999-9
29-0	72-9	7591-7	400-0	-15-7	-59-9	95-9	99-9	99-9	336-6	334-7	0-0	1-0	999-9	999-9
32-7	76-0	8078-1	375-0	-18-6	-61-8	95-9	99-9	99-9	337-8	337-1	0-0	1-0	999-9	999-9
32-5	81-3	8586-1	350-0	-21-0	-64-6	95-9	99-9	99-9	337-8	337-1	0-0	1-0	999-9	999-9
34-5	84-3	9124-2	325-0	-23-3	-63-0	95-9	99-9	99-9	339-8	339-4	0-1	7-5	999-9	999-9
36-7	88-5	9693-5	300-0	-31-8	-61-2	95-9	99-9	99-9	340-6	341-9	0-3	38-3	999-9	999-9
39-0	92-8	10304-8	275-0	-38-4	-67-5	95-9	99-9	99-9	342-2	343-2	0-2	38-3	999-9	999-9
41-2	97-4	10928-9	252-0	-43-7	-69-9	95-9	99-9	99-9	344-2	344-2	0-2	38-3	999-9	999-9
43-6	102-4	11646-9	225-0	-47-4	-69-9	95-9	99-9	99-9	345-2	345-2	0-2	38-3	999-9	999-9
45-8	107-5	12431-5	200-0	-54-4	-69-9	95-9	99-9	99-9	348-7	348-7	0-2	38-3	999-9	999-9
48-7	113-2	13275-0	175-0	-60-2	-69-9	95-9	99-9	99-9	348-4	348-4	0-2	38-3	999-9	999-9
51-6	119-3	14220-4	150-0	-67-6	-69-9	95-9	99-9	99-9	352-7	352-7	0-2	38-3	999-9	999-9
54-9	126-3	15293-8	125-0	-74-8	-69-9	95-9	99-9	99-9	359-2	359-2	0-2	38-3	999-9	999-9
58-5	133-3	16595-6	100-0	-73-8	-69-9	95-9	99-9	99-9	365-2	365-2	0-2	38-3	999-9	999-9
63-5	142-0	18307-5	75-0	-66-2	-69-9	95-9	99-9	99-9	428-2	428-2	0-2	38-3	999-9	999-9
71-2	152-0	20799-0	50-0	-58-2	-69-9	95-9	99-9	99-9	500-3	500-3	0-2	38-3	999-9	999-9
83-7	162-5	25273-0	25-0	-50-3	-69-9	95-9	99-9	99-9	640-3	640-3	0-2	38-3	999-9	999-9

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

STATICA NO. 340
LITTLE ROCK, ARKANSAS

8 JUNE 1979
1105 GMT

TIME MIN	CHCTY	WEIGHT G/M	WRES MB	TEMP DG C	DIR DG	SPEED M/SEC	W/COMP M/SEC	POT V DG M	E POT V DG M	M/RTG G/M/SEC	RM PCT	RANGE KM	AZ DG
0.0	7.2	172.0	993.3	23.3	999.9	99.9	99.9	297.6	341.1	17.0	92.0	999.9	999.9
00.0	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	8.0	235.2	975.0	23.0	999.9	55.9	99.9	298.3	340.4	16.5	100.7	999.9	999.9
1.3	11.3	542.6	950.0	22.0	999.9	99.9	99.9	299.0	340.3	16.3	91.1	999.9	999.9
2.1	13.6	793.1	525.0	22.1	999.9	59.9	99.9	301.5	339.6	11.9	45.0	999.9	999.9
2.4	14.1	1033.6	500.0	22.0	999.9	99.9	99.9	304.2	338.6	10.4	55.7	999.9	999.9
3.8	16.6	1278.1	275.0	20.3	999.9	99.9	99.9	304.4	338.4	10.8	62.6	999.9	999.9
4.6	21.0	1528.0	655.0	18.4	999.9	99.9	99.9	305.4	337.6	11.0	74.6	999.9	999.9
5	23.5	1783.9	825.0	16.4	999.9	55.9	99.9	306.0	337.3	11.4	78.5	999.9	999.9
6	26.1	2043.9	800.0	14.6	999.9	99.9	99.9	306.7	342.5	13.1	92.6	999.9	999.9
7.4	29.4	2312.7	775.0	12.9	999.9	99.9	99.9	307.7	340.8	12.0	98.7	999.9	999.9
8.4	31.3	2590.4	750.0	11.6	999.9	99.9	99.9	308.2	339.8	11.0	99.9	999.9	999.9
9.5	34.0	2878.4	725.0	10.1	999.9	99.9	99.9	310.4	338.9	9.7	89.4	999.9	999.9
10.6	36.7	3165.9	700.0	8.5	999.9	99.9	99.9	313.0	338.2	7.0	45.5	999.9	999.9
11.8	39.4	3453.0	675.0	7.0	999.9	99.9	99.9	315.2	336.5	7.0	41.9	999.9	999.9
12.9	42.2	3740.4	650.0	5.5	999.9	99.9	99.9	317.4	334.8	5.7	48.8	999.9	999.9
13.9	45.1	4027.8	625.0	4.2	999.9	99.9	99.9	319.6	333.1	4.1	57.4	999.9	999.9
15.1	48.0	4315.2	600.0	3.2	999.9	99.9	99.9	321.8	331.4	3.5	66.0	999.9	999.9
16.3	51.0	4602.6	575.0	2.5	999.9	99.9	99.9	324.0	329.7	3.1	74.6	999.9	999.9
17.4	54.1	4890.0	550.0	2.0	999.9	99.9	99.9	326.2	328.0	2.8	83.2	999.9	999.9
18.6	57.3	5177.4	525.0	1.8	999.9	99.9	99.9	328.4	326.3	2.5	91.8	999.9	999.9
19.8	60.4	5464.8	500.0	1.6	999.9	99.9	99.9	330.6	324.6	2.2	100.4	999.9	999.9
21.0	63.7	5752.2	475.0	1.5	999.9	99.9	99.9	332.8	322.9	2.0	109.0	999.9	999.9
22.2	67.0	6039.6	450.0	1.4	999.9	99.9	99.9	335.0	321.2	1.8	117.6	999.9	999.9
23.4	70.3	6327.0	425.0	1.3	999.9	99.9	99.9	337.2	319.5	1.7	126.2	999.9	999.9
24.6	73.6	6614.4	400.0	1.2	999.9	99.9	99.9	339.4	317.8	1.6	134.8	999.9	999.9
25.8	76.9	6901.8	375.0	1.1	999.9	99.9	99.9	341.6	316.1	1.5	143.4	999.9	999.9
27.0	80.2	7189.2	350.0	1.0	999.9	99.9	99.9	343.8	314.4	1.4	152.0	999.9	999.9
28.2	83.5	7476.6	325.0	0.9	999.9	99.9	99.9	346.0	312.7	1.3	160.6	999.9	999.9
29.4	86.8	7764.0	300.0	0.8	999.9	99.9	99.9	348.2	311.0	1.2	169.2	999.9	999.9
30.6	90.1	8051.4	275.0	0.7	999.9	99.9	99.9	350.4	309.3	1.1	177.8	999.9	999.9
31.8	93.4	8338.8	250.0	0.6	999.9	99.9	99.9	352.6	307.6	1.0	186.4	999.9	999.9
33.0	96.7	8626.2	225.0	0.5	999.9	99.9	99.9	354.8	305.9	0.9	195.0	999.9	999.9
34.2	100.0	8913.6	200.0	0.4	999.9	99.9	99.9	357.0	304.2	0.8	203.6	999.9	999.9
35.4	103.3	9201.0	175.0	0.3	999.9	99.9	99.9	359.2	302.5	0.7	212.2	999.9	999.9
36.6	106.6	9488.4	150.0	0.2	999.9	99.9	99.9	361.4	300.8	0.6	220.8	999.9	999.9
37.8	110.0	9775.8	125.0	0.1	999.9	99.9	99.9	363.6	299.1	0.5	229.4	999.9	999.9
39.0	113.3	10063.2	100.0	0.0	999.9	99.9	99.9	365.8	297.4	0.4	238.0	999.9	999.9
40.2	116.6	10350.6	75.0	0.0	999.9	99.9	99.9	368.0	295.7	0.3	246.6	999.9	999.9
41.4	120.0	10638.0	50.0	0.0	999.9	99.9	99.9	370.2	294.0	0.2	255.2	999.9	999.9
42.6	123.3	10925.4	25.0	0.0	999.9	99.9	99.9	372.4	292.3	0.1	263.8	999.9	999.9
43.8	126.6	11212.8	0.0	0.0	999.9	99.9	99.9	374.6	290.6	0.1	272.4	999.9	999.9
45.0	130.0	11500.2	0.0	0.0	999.9	99.9	99.9	376.8	288.9	0.1	281.0	999.9	999.9
46.2	133.3	11787.6	0.0	0.0	999.9	99.9	99.9	379.0	287.2	0.1	289.6	999.9	999.9
47.4	136.6	12075.0	0.0	0.0	999.9	99.9	99.9	381.2	285.5	0.1	298.2	999.9	999.9
48.6	140.0	12362.4	0.0	0.0	999.9	99.9	99.9	383.4	283.8	0.1	306.8	999.9	999.9
49.8	143.3	12649.8	0.0	0.0	999.9	99.9	99.9	385.6	282.1	0.1	315.4	999.9	999.9
51.0	146.6	12937.2	0.0	0.0	999.9	99.9	99.9	387.8	280.4	0.1	324.0	999.9	999.9
52.2	150.0	13224.6	0.0	0.0	999.9	99.9	99.9	390.0	278.7	0.1	332.6	999.9	999.9
53.4	153.3	13512.0	0.0	0.0	999.9	99.9	99.9	392.2	277.0	0.1	341.2	999.9	999.9
54.6	156.6	13799.4	0.0	0.0	999.9	99.9	99.9	394.4	275.3	0.1	349.8	999.9	999.9
55.8	160.0	14086.8	0.0	0.0	999.9	99.9	99.9	396.6	273.6	0.1	358.4	999.9	999.9
57.0	163.3	14374.2	0.0	0.0	999.9	99.9	99.9	398.8	271.9	0.1	367.0	999.9	999.9
58.2	166.6	14661.6	0.0	0.0	999.9	99.9	99.9	401.0	270.2	0.1	375.6	999.9	999.9
59.4	170.0	14949.0	0.0	0.0	999.9	99.9	99.9	403.2	268.5	0.1	384.2	999.9	999.9
60.6	173.3	15236.4	0.0	0.0	999.9	99.9	99.9	405.4	266.8	0.1	392.8	999.9	999.9
61.8	176.6	15523.8	0.0	0.0	999.9	99.9	99.9	407.6	265.1	0.1	401.4	999.9	999.9
63.0	180.0	15811.2	0.0	0.0	999.9	99.9	99.9	409.8	263.4	0.1	410.0	999.9	999.9
64.2	183.3	16098.6	0.0	0.0	999.9	99.9	99.9	412.0	261.7	0.1	418.6	999.9	999.9
65.4	186.6	16386.0	0.0	0.0	999.9	99.9	99.9	414.2	260.0	0.1	427.2	999.9	999.9
66.6	190.0	16673.4	0.0	0.0	999.9	99.9	99.9	416.4	258.3	0.1	435.8	999.9	999.9
67.8	193.3	16960.8	0.0	0.0	999.9	99.9	99.9	418.6	256.6	0.1	444.4	999.9	999.9
69.0	196.6	17248.2	0.0	0.0	999.9	99.9	99.9	420.8	254.9	0.1	453.0	999.9	999.9
70.2	200.0	17535.6	0.0	0.0	999.9	99.9	99.9	423.0	253.2	0.1	461.6	999.9	999.9

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

STATION NO. 349
 HOWETT, MISSOURI
 7 JUNE 1978
 1105 GMT

181 13. 0

TIME	CATY	WEIGHT	PRES	TEMP	DEB PT	DIR	SPEED	U COMP	V COMP	POV	E POT T	WZ WTD	RM	RANGE	AZ
MIN		GM	MM	DEG C	DEG C	DD	M/SEC	M/SEC	M/SEC	DEG	DEG K	GM/KG	PCT	RM	DEG
0.0	10.3	438.0	954.3	19.5	16.5	190.0	5.1	0.0	5.0	290.6	329.5	12.5	83.0	0.0	0.
0.0	09.0	98.0	1000.0	99.9	99.9	99.9	95.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
0.0	09.0	98.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
0.7	10.7	477.1	975.0	19.6	16.7	190.2	5.1	2.7	7.7	290.5	330.2	12.7	84.2	0.1	12.
1.1	12.0	700.8	975.0	17.8	15.9	205.6	14.2	6.1	12.8	292.2	330.8	12.4	89.5	0.6	25.
3.1	15.0	941.5	503.0	17.2	16.8	208.1	20.1	9.5	17.8	292.2	330.8	11.9	85.6	1.6	26.
3.9	17.2	1122.7	875.0	17.3	12.4	209.2	22.0	10.8	19.2	301.8	330.8	10.4	73.0	2.7	27.
3.8	17.5	1430.5	850.0	16.6	10.1	213.0	15.2	10.5	16.1	303.8	328.0	5.2	65.0	3.9	28.
4.8	17.7	1627.4	825.0	16.8	6.0	225.7	16.7	11.9	11.6	306.2	329.4	6.2	55.0	4.9	30.
5.7	24.0	1967.1	800.0	16.8	7.5	234.6	14.0	11.4	9.1	308.5	329.4	6.2	61.5	5.7	33.
6.6	26.3	2215.0	775.0	12.5	6.4	237.6	14.0	10.8	6.9	307.2	329.3	7.8	64.0	6.4	36.
7.5	27.7	2489.9	753.0	10.8	7.4	231.3	11.5	9.0	7.2	308.3	332.7	6.7	79.9	7.0	38.
8.4	31.1	2722.1	725.0	6.8	7.9	227.0	5.8	7.2	6.7	308.6	335.0	5.3	63.2	7.5	38.
9.3	33.6	3041.9	700.0	4.1	6.0	226.7	9.9	7.2	6.8	309.2	333.1	6.6	99.4	8.1	39.
10.3	36.0	3352.4	675.0	4.2	3.8	223.3	10.3	7.1	7.5	310.2	331.7	7.5	97.4	8.6	39.
11.4	34.6	3665.9	650.0	1.9	3.4	221.1	11.7	7.7	8.6	311.2	329.0	6.1	90.3	9.0	40.
12.6	41.1	3981.9	625.0	0.4	-2.1	230.3	12.0	9.2	7.7	312.4	328.4	5.3	83.0	10.2	40.
13.6	43.6	4308.7	600.0	-1.9	-2.7	243.1	11.6	10.3	9.2	313.5	329.4	5.2	94.1	10.9	41.
14.7	46.3	4647.2	575.0	-2.7	-5.0	263.3	5.4	9.3	1.1	316.8	330.0	4.4	76.0	11.5	43.
16.0	49.0	4986.4	550.0	-4.4	-8.5	283.9	9.1	8.8	-2.2	317.7	328.9	3.7	79.0	11.9	45.
17.5	51.9	5325.4	525.0	-7.2	-7.8	268.2	11.0	11.0	0.1	319.8	332.3	4.1	95.3	12.4	49.
18.9	56.8	5741.8	500.0	-5.6	-13.1	262.9	12.7	12.6	1.6	321.2	332.4	3.6	56.0	13.3	51.
20.4	57.8	6137.1	475.0	-11.7	-12.4	265.9	15.0	14.9	1.1	323.5	333.4	3.1	94.7	14.3	54.
21.9	60.8	6490.1	450.0	-13.6	-14.4	251.5	17.5	16.6	5.6	325.1	335.1	2.8	94.3	15.8	55.
23.4	63.9	6904.1	425.0	-17.5	-16.4	242.7	23.8	21.2	10.9	327.1	337.2	2.5	52.6	17.5	57.
25.1	67.1	7439.9	400.0	-16.3	-19.4	241.3	27.7	24.3	13.3	331.2	338.0	2.1	91.3	20.1	58.
26.6	70.4	7919.3	375.0	-21.5	-22.7	248.6	29.5	25.7	14.5	332.2	338.8	1.6	69.4	22.7	58.
28.2	73.4	8424.6	350.0	-24.9	-26.6	237.9	30.1	25.5	16.0	335.2	339.4	1.2	84.2	25.3	58.
30.1	77.4	8959.2	325.0	-25.1	-30.9	235.0	29.1	23.9	16.7	336.2	339.7	0.9	84.0	28.7	59.
31.7	81.2	9525.9	300.0	-25.1	-35.7	233.5	30.4	24.4	18.1	337.7	339.9	0.8	82.9	31.6	58.
33.4	85.0	10129.7	275.0	-38.8	-41.1	238.4	34.8	29.6	19.2	339.7	340.8	0.6	77.0	35.2	57.
35.7	89.2	10776.2	250.0	-44.8	-45.9	246.0	41.1	38.3	14.7	341.1	341.1	0.9	95.9	43.9	58.
37.7	93.7	11471.7	225.0	-50.5	59.9	246.0	41.1	38.3	16.7	348.1	348.1	0.9	55.9	49.7	54.
39.9	98.4	12330.3	200.0	-52.6	99.9	250.9	50.9	49.1	18.7	348.1	348.1	0.9	55.9	58.4	61.
42.9	103.5	13081.7	175.0	-52.6	59.9	249.9	53.6	50.3	18.6	353.1	353.1	0.9	55.9	58.4	61.
45.9	109.0	14041.0	150.0	-61.0	59.9	257.5	38.7	37.8	8.4	365.1	365.1	0.9	55.9	69.4	63.
48.1	115.3	15182.4	125.0	-62.7	59.9	261.3	15.1	15.0	2.3	361.2	361.2	0.9	55.9	72.3	64.
50.1	123.3	16532.2	100.0	-62.2	59.9	255.9	5.7	9.0	5.4	394.0	394.0	0.9	55.9	75.2	64.
52.6	131.0	18168.8	75.0	-65.9	59.9	303.5	4.5	3.7	-2.5	434.0	434.0	0.9	55.9	77.3	63.
56.2	141.3	20743.7	50.0	-62.2	59.9	103.8	7.3	-7.1	1.8	506.1	506.1	0.9	55.9	76.3	63.
74.9	154.0	25240.7	25.0	-45.1	99.9	99.9	65.9	99.9	99.9	643.4	643.4	0.9	55.9	71.1	60.

0 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 9Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 8Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 369
MONETT, MISSOURI

7 JUNE 1978
1405 GMT

31 000. 0

TIME MIN	CNTCT	WEIGHT GMS	PRES MB	TEMP DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	MS RID GMS	RM PCT	RANGE MM	DC
0.0	10.0	430.0	954.7	12.7	350.0	2.1	0.5	-3.1	298.4	332.4	14.4	100.0	0.0	0.
0.0	9.0	99.0	1000.0	09.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.0	9.0	99.0	975.0	09.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.2	11.5	490.4	950.0	17.3	16.6	99.0	99.0	99.0	294.2	328.2	12.0	97.3	99.0	99.0
0.9	13.0	726.7	925.0	16.7	15.3	99.0	99.0	99.0	296.4	327.7	11.9	97.3	99.0	99.0
1.4	14.2	660.6	900.0	12.4	13.1	99.0	99.0	99.0	297.4	325.0	10.6	86.5	99.0	99.0
3.3	15.6	1200.0	875.0	14.4	13.3	274.0	6.1	-0.7	299.2	320.7	11.0	90.2	0.7	115.
4.5	21.0	1489.5	850.0	13.9	12.4	257.6	6.6	1.5	300.7	330.8	10.9	52.4	1.7	105.
6.0	23.5	1697.7	825.0	12.8	11.8	233.9	6.2	4.0	302.1	331.6	10.7	93.9	1.7	91.
7.0	24.0	1958.5	800.0	12.1	11.6	222.7	7.6	6.2	304.1	333.6	10.8	56.6	2.5	73.
8.4	24.0	2223.2	775.0	11.3	11.0	220.0	10.3	12.2	306.8	335.6	10.8	98.0	3.2	47.
10.3	31.1	2497.1	750.0	5.8	8.5	215.0	15.5	11.4	307.2	333.3	5.3	91.0	4.5	57.
11.9	33.0	2770.8	725.0	0.1	8.7	99.0	99.0	99.0	308.4	332.4	8.5	90.7	5.0	54.
11.6	36.4	3069.5	700.0	0.3	4.0	99.0	99.0	99.0	309.2	331.2	7.0	82.7	99.0	99.0
12.4	39.1	3365.4	675.0	15.1	13.4	99.0	99.0	99.0	310.5	365.9	6.0	80.9	99.0	99.0
09.9	09.9	99.0	650.0	55.0	59.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	625.0	55.0	59.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	600.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	550.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	525.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	500.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	475.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	450.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	425.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	400.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	375.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	350.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	325.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	300.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	275.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	250.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	225.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	175.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	150.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	125.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	100.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
09.9	09.9	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

0 99 SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 HENNETT, MISSOURI
 7 JUNE 1979
 1705 GMT

163 11. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DIR DG C	SPD M/SEC	U M/SEC	V M/SEC	PCT DB K	E DG K	WX CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.6	438.0	957.3	21.1	19.4	5.7	-2.9	4.9	298.0	337.3	15.0	98.0	0.0	0.
0.9	99.9	98.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	559.9	599.9	999.9
0.3	10.3	509.7	950.0	21.2	19.9	99.9	99.9	99.9	298.7	339.7	15.6	92.6	999.9	999.9
1.2	12.7	736.3	925.0	19.8	19.1	99.9	99.9	99.9	299.6	339.7	15.2	95.6	999.9	999.9
2.2	15.1	975.4	900.0	19.4	19.0	99.9	99.9	99.9	301.2	343.0	15.6	97.3	1.3	344.
3.3	17.5	1216.3	875.0	17.8	17.5	209.6	7.6	13.4	302.2	341.2	14.5	97.7	2.1	1.
4.6	23.0	1468.2	850.0	17.4	16.9	191.2	10.7	13.1	304.4	343.4	14.5	98.9	3.2	14.
5.7	25.5	1721.0	825.0	16.0	15.4	232.1	13.1	10.2	305.2	342.3	13.5	98.6	4.2	22.
6.7	25.0	1983.5	800.0	17.0	12.5	248.5	16.1	5.9	309.2	341.2	11.5	74.7	5.1	29.
7.7	27.6	2254.5	775.0	15.7	7.3	254.3	13.3	3.7	310.2	339.4	6.3	57.0	7.7	34.
8.7	30.2	2532.1	750.0	13.4	5.9	261.1	13.1	4.3	311.1	333.4	7.0	60.1	6.4	40.
9.7	32.9	2916.8	725.0	11.4	4.9	268.3	12.7	3.0	311.9	333.6	6.4	60.4	7.0	43.
10.7	35.6	3105.1	700.0	9.0	2.9	282.0	12.6	2.5	312.4	332.1	6.6	65.9	7.7	47.
11.5	34.3	3409.5	675.0	6.4	3.2	289.3	12.5	2.3	312.6	333.6	7.2	80.3	8.3	49.
13.0	41.1	3718.3	650.0	3.9	3.1	282.6	14.3	1.9	313.4	334.8	7.4	94.4	9.1	52.
14.1	44.0	4036.5	625.0	1.7	0.2	263.7	15.4	1.7	314.4	332.7	6.2	89.6	10.2	54.
15.5	46.9	4363.5	600.0	-0.2	-2.9	261.6	14.9	2.2	315.2	331.3	5.2	82.5	11.2	59.
16.0	43.9	4705.4	575.0	-1.7	-9.0	259.4	13.8	2.5	316.0	328.5	3.4	57.7	12.3	61.
18.1	52.9	5039.3	550.0	-3.1	-19.0	266.4	12.8	2.1	321.6	326.7	1.5	26.0	13.3	62.
19.6	55.9	5476.5	525.0	-4.7	-30.9	266.4	12.8	0.8	322.7	323.1	0.1	1.7	14.3	64.
21.0	59.0	5909.0	500.0	-6.2	-33.9	271.4	12.0	-0.3	325.4	323.6	0.0	1.0	15.3	65.
22.5	62.3	6208.5	475.0	-8.5	-35.3	272.5	11.5	-0.5	327.4	323.6	0.0	1.0	16.2	67.
24.0	65.6	6625.1	450.0	-11.7	-27.3	275.9	11.0	-1.1	328.2	328.6	0.0	1.0	17.1	69.
25.4	65.0	7063.0	425.0	-15.2	-29.5	275.5	11.2	-1.1	329.2	329.7	0.0	1.0	18.0	70.
27.3	72.6	7515.9	400.0	-17.8	-31.2	278.1	10.8	-1.5	331.6	331.9	0.0	1.0	19.0	72.
29.0	76.3	7985.1	375.0	-21.1	-33.3	270.1	11.0	-0.0	333.7	333.8	0.0	1.0	20.0	73.
30.9	83.1	8499.9	350.0	-25.3	-36.1	267.5	11.1	0.5	334.7	334.7	0.0	1.0	21.2	74.
32.5	86.2	9033.2	325.0	-29.8	-39.1	264.9	10.5	0.0	335.6	335.6	0.0	1.0	22.3	75.
34.8	88.3	9601.7	300.0	-32.3	-38.7	263.1	13.3	1.6	339.5	339.9	0.0	1.0	23.8	76.
37.0	92.7	10210.0	275.0	-36.2	-33.3	264.4	19.8	1.9	342.6	342.9	0.0	1.0	24.8	78.
39.2	97.0	10865.3	250.0	-40.1	-39.4	264.4	31.5	3.0	346.6	346.9	0.0	99.9	29.0	77.
41.4	102.6	11579.5	225.0	-44.2	-39.9	263.2	37.1	4.4	350.7	349.9	0.0	99.9	33.9	78.
44.0	108.0	12359.1	200.0	-50.5	-39.9	259.2	39.1	7.1	352.2	349.9	0.0	99.9	39.5	79.
46.9	113.8	13217.6	175.0	-57.2	-39.9	258.6	35.2	7.0	355.2	349.9	0.0	99.9	46.2	76.
50.0	120.0	14174.7	150.0	-64.5	-39.9	255.4	31.7	3.5	359.2	349.9	0.0	99.9	52.4	79.
53.3	127.8	15278.2	125.0	-65.9	-39.9	258.6	18.4	3.7	375.7	349.9	0.0	99.9	57.4	79.
57.5	135.3	16631.2	100.0	-62.4	-39.9	236.0	12.0	6.7	395.7	349.9	0.0	99.9	60.5	79.
62.2	144.0	18379.7	75.0	-64.3	-39.9	196.4	2.0	8.0	438.1	349.9	0.0	99.9	63.1	76.
69.4	154.5	20913.6	50.0	-56.2	-39.9	144.0	0.1	8.0	611.0	349.9	0.0	99.9	62.5	76.
81.1	165.3	25437.0	25.0	-47.7	-39.9	99.9	99.9	99.9	647.2	349.9	0.0	99.9	60.1	73.

0 BY SPD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 HONETT, MISSOURI
 7 JUNE 1979
 2309 GMT

TIME MIN	CMCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	MR RHO GM/CM ³	SN PCT	RANGE KM	AZ DEG
0.0	10.1	430.0	957.0	28.2	23.1	180.0	3.1	0.0	3.1	305.3	350.1	19.0	70.0	0.0	0
00.0	00.0	98.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	98.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
0.3	13.8	503.5	950.0	27.8	22.3	193.5	8.5	2.7	8.1	305.0	350.0	18.1	71.0	0.2	340
1.1	13.2	740.2	925.0	28.7	21.3	203.8	9.2	3.0	8.5	305.0	350.0	17.5	70.6	0.5	0
2.4	15.7	981.5	900.0	23.1	20.1	200.6	10.3	3.6	9.6	305.2	350.0	16.7	83.3	1.2	18
4.1	18.2	1227.0	875.0	21.5	19.1	207.2	11.4	5.2	10.1	306.1	349.9	16.1	86.1	2.4	10
5.2	23.7	1479.1	850.0	19.7	17.5	215.0	12.2	7.1	9.9	306.4	347.6	15.0	87.3	3.1	22
6.0	23.2	1736.6	825.0	17.6	15.7	223.7	13.2	9.5	9.2	307.1	346.9	13.0	86.8	3.7	25
6.3	25.8	2000.5	800.0	16.7	14.3	233.3	15.2	12.7	8.8	311.1	338.1	8.0	82.2	4.4	20
8.0	29.4	2272.9	775.0	17.7	2.9	235.9	15.0	13.6	6.2	312.9	330.8	6.1	37.2	5.4	33
9.1	31.0	2527.0	750.0	15.8	1.9	235.3	13.6	11.2	7.7	313.0	331.1	5.9	35.0	6.3	30
10.2	33.8	2819.0	725.0	13.0	0.4	243.3	12.4	11.2	5.9	315.4	335.8	7.3	42.7	7.1	42
11.3	36.4	3135.0	700.0	11.9	2.6	253.6	12.0	11.9	3.5	318.4	335.0	6.7	53.9	7.0	43
12.4	39.2	3438.5	675.0	9.3	1.6	263.2	11.0	10.9	1.1	316.1	333.0	6.4	58.6	8.5	40
13.5	42.1	3750.5	650.0	6.9	-0.0	273.6	9.4	9.4	-0.6	316.8	330.4	5.9	61.4	9.0	32
14.7	45.0	4071.7	625.0	4.2	-4.4	273.3	8.0	8.0	-0.3	317.2	330.7	4.4	63.3	9.5	52
15.8	48.0	4402.0	600.0	2.0	-12.0	285.6	6.5	6.1	-2.1	319.1	328.6	2.4	31.1	9.0	50
17.1	51.0	4745.4	575.0	0.1	-15.6	300.5	4.0	3.6	-2.9	320.1	326.4	1.9	29.0	10.0	50
19.4	54.1	5098.5	550.0	-2.8	-27.9	308.6	3.4	4.5	-2.2	320.7	323.1	0.7	13.4	10.1	50
21.5	57.3	5466.2	525.0	-4.8	-32.0	285.4	4.5	4.4	-1.2	322.7	320.9	0.1	1.0	10.4	00
23.0	63.0	6248.2	475.0	-8.0	-55.5	268.4	3.9	3.9	0.1	327.1	327.3	0.0	11.1	11.5	63
24.5	67.1	6863.9	450.0	-12.4	-74.4	256.7	3.0	3.0	1.5	327.7	325.0	0.0	11.1	11.5	63
27.7	74.1	7556.1	400.0	-14.9	-82.4	246.7	2.0	0.7	3.2	330.0	330.0	0.0	1.0	12.1	63
29.4	78.0	8032.2	375.0	-18.5	-81.7	240.0	0.0	0.0	3.9	331.0	331.1	0.0	1.0	12.4	60
31.4	81.0	8530.4	350.0	-21.4	-73.5	245.0	10.4	10.1	3.0	333.2	333.4	0.0	1.0	14.1	00
33.1	84.1	9075.9	325.0	-23.3	-65.0	253.5	16.2	15.8	4.6	337.0	337.0	0.0	1.0	15.4	00
35.4	90.3	9650.1	300.0	-27.3	-67.4	251.1	23.5	24.0	5.7	339.1	339.1	0.0	1.0	17.7	40
37.6	94.5	10263.6	275.0	-30.0	-69.2	260.9	29.0	29.1	6.7	343.1	343.2	0.0	1.0	21.3	60
40.0	99.2	10922.2	250.0	-33.0	-72.5	268.2	30.1	29.1	0.9	344.8	344.8	0.0	1.0	23.1	71
42.4	104.0	11633.7	225.0	-39.6	-78.9	265.4	32.4	32.4	2.0	347.3	347.3	00.0	00.0	20.2	73
45.4	109.4	12411.3	200.0	-45.0	-85.0	265.0	34.0	34.0	3.0	349.2	349.2	00.0	00.0	23.9	73
49.6	115.2	13245.6	175.0	-57.9	-94.9	267.5	34.3	34.3	-0.1	354.4	349.9	00.0	00.0	40.0	70
51.7	121.4	14235.3	150.0	-63.3	-97.9	277.3	32.5	32.5	-0.1	351.2	349.9	00.0	00.0	40.1	70
55.3	129.3	15330.5	125.0	-69.0	-93.9	273.6	25.4	25.4	-1.6	361.6	349.9	00.0	00.0	51.5	01
59.5	136.0	16546.3	100.0	-70.7	-94.9	259.0	21.0	21.0	4.2	370.0	349.9	00.0	00.0	54.4	01
65.0	145.0	18367.0	75.0	-64.2	-94.2	176.6	5.3	-0.3	3.1	391.1	349.9	00.0	00.0	60.8	01
72.8	154.0	20370.0	50.0	-54.2	-94.9	115.6	5.1	-4.6	2.2	515.1	349.9	00.0	00.0	62.2	79
80.8	163.5	23449.2	25.0	-42.8	-90.9	99.9	00.0	00.0	00.0	690.1	349.9	00.0	00.0	57.9	77

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

STATION NO. 349
 MONETT, MISSOURI
 7 JUNE 1976
 2009 GMT

TIME -Z	CHFCY	WEIGHT GPM	PRES MB	TEMP DEG C	DBN PT DEG C	DIR DEG	SPEED M/SEC	A COMP M/SEC	V COMP M/SEC	POT 1 DEG	E POT 1 DEG	RE BTG CM/MS	DM PCT	RANGE NR	AZ DEG
00	10.0	030.0	987.0	20.1	22.2	170.0	9.1	-0.9	9.0	303.0	350.7	17.9	70.0	0.0	0.0
01	09.0	99.0	1000.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
02	08.0	99.0	975.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
03	07.0	99.0	950.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
04	06.0	99.0	925.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
05	05.0	99.0	900.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
06	04.0	99.0	875.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
07	03.0	99.0	850.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
08	02.0	99.0	825.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
09	01.0	99.0	800.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
10	00.0	99.0	775.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
11	00.0	99.0	750.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
12	00.0	99.0	725.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
13	00.0	99.0	700.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
14	00.0	99.0	675.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
15	00.0	99.0	650.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
16	00.0	99.0	625.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
17	00.0	99.0	600.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
18	00.0	99.0	575.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
19	00.0	99.0	550.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
20	00.0	99.0	525.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
21	00.0	99.0	500.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
22	00.0	99.0	475.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
23	00.0	99.0	450.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
24	00.0	99.0	425.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
25	00.0	99.0	400.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
26	00.0	99.0	375.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
27	00.0	99.0	350.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
28	00.0	99.0	325.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
29	00.0	99.0	300.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
30	00.0	99.0	275.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
31	00.0	99.0	250.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
32	00.0	99.0	225.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
33	00.0	99.0	200.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
34	00.0	99.0	175.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
35	00.0	99.0	150.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
36	00.0	99.0	125.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
37	00.0	99.0	100.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
38	00.0	99.0	75.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
39	00.0	99.0	50.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0
40	00.0	99.0	25.0	20.0	22.2	170.0	9.1	0.0	9.0	303.0	350.7	17.9	70.0	0.0	0.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 349
 MONETT, MISSOURI
 8 JUNE 1979
 238 GMT

TIME MIN	CRCT	WEIGHT GPH	PRES MB	TEMP DEG C	DRN PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	WZ ATO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.2	438.0	558.0	22.6	21.1	150.0	2.6	-1.3	2.3	302.4	346.8	16.7	70.0	0.0	0.
0.0	99.9	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	996.9	992.
0.3	99.9	99.0	975.0	99.0	99.0	99.0	55.5	99.0	99.0	98.5	99.5	99.0	955.0	990.	990.
0.3	13.9	512.2	550.0	26.8	22.1	183.2	8.1	0.5	6.1	303.3	251.1	17.9	80.1	0.2	351.
1.2	13.3	747.7	625.0	24.6	51.2	181.5	10.8	2.2	10.6	304.2	381.1	17.8	82.5	0.6	2.
2.1	15.6	986.2	600.0	22.6	20.8	194.0	13.9	3.4	13.4	304.6	351.7	17.5	89.3	1.3	7.
3.3	14.1	1234.1	675.0	20.7	19.9	202.2	16.5	6.3	15.3	305.2	381.1	17.0	93.1	2.2	11.
4.0	23.5	1485.3	850.0	18.6	18.1	211.8	18.5	9.7	15.7	305.5	348.0	15.6	95.3	3.1	16.
4.9	23.0	1742.2	825.0	18.0	15.0	217.5	17.9	10.9	14.2	307.6	343.7	13.1	82.4	4.1	21.
5.4	25.5	2206.4	800.0	17.6	9.7	223.9	15.2	16.6	11.0	309.5	326.0	9.6	60.2	5.0	26.
6.8	25.1	2277.7	775.0	17.1	-1.9	230.6	14.2	11.6	9.0	312.3	325.0	4.3	37.3	5.0	26.
7.0	33.7	2556.5	750.0	15.9	-8.2	230.6	13.8	10.4	8.7	313.6	222.3	2.8	18.4	6.6	31.
6.9	33.3	2443.2	725.0	13.7	1.3	232.4	11.4	9.1	7.0	314.5	331.6	5.0	42.8	7.4	33.
10.1	36.0	3137.6	700.0	11.5	-0.4	240.2	9.2	8.0	4.6	319.2	331.6	3.3	43.6	8.1	33.
11.3	35.0	3440.7	675.0	5.3	-0.5	254.3	7.6	7.3	2.0	316.5	322.3	5.5	50.3	6.6	37.
12.5	41.6	3722.9	650.0	7.2	-2.1	265.6	6.6	6.6	0.4	317.3	322.3	5.0	51.4	6.3	34.
13.9	44.4	4274.2	625.0	4.7	-5.8	283.0	2.2	1.9	1.0	317.6	320.0	4.0	46.0	9.1	40.
14.9	47.4	4403.6	600.0	2.3	-11.3	285.9	1.1	0.8	0.7	318.8	327.2	2.7	35.9	9.2	40.
16.4	50.4	4747.5	575.0	-0.7	-11.7	327.2	1.7	0.5	1.7	319.1	327.6	2.7	42.3	9.2	40.
17.7	53.4	5100.6	550.0	-2.9	-10.0	187.2	4.4	0.6	4.4	320.6	321.7	0.3	5.6	9.4	36.
19.0	56.5	5468.7	525.0	-3.6	-8.2	199.1	4.2	2.8	5.8	324.1	324.3	0.1	1.0	10.0	37.
20.5	59.9	5851.6	500.0	-6.8	-5.2	206.0	8.2	3.6	7.4	324.8	325.0	0.0	1.0	11.2	36.
22.1	63.0	6250.0	475.0	-5.3	-5.2	207.4	8.3	3.8	7.4	326.8	326.6	0.0	1.0	12.0	36.
23.7	66.3	6665.2	450.0	-12.7	-8.0	224.4	8.3	9.6	5.9	327.2	327.4	0.0	1.0	13.0	37.
25.5	69.7	7100.0	425.0	-14.6	-5.2	236.2	13.4	16.8	7.9	330.2	330.4	0.0	1.0	14.0	40.
27.1	73.3	7537.6	400.0	-16.6	-2.9	254.3	21.6	20.8	5.9	333.6	333.6	0.0	1.0	14.0	40.
29.1	77.0	8035.6	375.0	-18.6	-1.9	256.6	30.4	29.5	7.0	336.7	336.8	0.0	1.0	17.2	47.
30.9	83.8	8531.5	350.0	-21.7	-1.0	268.2	32.9	32.0	5.5	339.6	339.6	0.0	1.0	20.2	52.
32.9	84.8	9032.1	325.0	-24.7	-0.7	272.3	33.5	33.5	1.4	339.6	339.9	0.0	1.0	23.7	57.
35.1	87.0	9433.9	300.0	-31.6	-0.2	285.5	33.3	33.3	0.3	340.5	340.9	0.0	1.0	27.5	62.
37.4	93.3	10274.0	275.0	-36.3	-7.3	288.9	38.5	38.4	1.9	342.3	342.7	0.0	1.0	31.7	66.
39.5	94.0	10930.1	250.0	-40.9	-5.9	282.8	39.0	39.0	4.9	345.2	345.2	0.0	99.9	37.6	68.
42.1	102.8	11638.4	225.0	-46.3	-5.9	264.4	36.1	36.9	3.9	347.8	347.8	0.0	99.9	42.1	70.
44.9	103.0	12412.6	200.0	-52.8	-9.9	268.3	36.3	36.3	1.1	350.3	350.3	0.0	99.9	47.6	72.
47.9	113.8	13262.9	175.0	-59.8	-9.9	274.2	36.2	36.2	-2.7	351.6	351.6	0.0	99.9	54.1	74.
51.2	119.8	14214.4	150.0	-65.6	-9.9	282.4	31.1	30.8	4.1	357.0	357.0	0.0	99.9	60.4	76.
54.9	128.5	15302.9	125.0	-71.3	-9.9	284.1	24.2	23.5	9.8	365.5	365.5	0.0	99.9	66.9	76.
58.3	136.3	16678.1	100.0	-65.5	-9.9	281.2	9.9	6.5	7.5	393.6	393.6	0.0	99.9	71.5	76.
61.6	143.0	18168.7	75.0	-64.4	-9.9	188.7	8.8	-1.3	6.7	437.6	437.6	0.0	99.9	71.4	75.
72.7	153.3	20911.2	50.0	-57.7	-9.9	115.1	7.6	-0.9	3.2	505.3	505.3	0.0	99.9	78.1	74.
85.9	144.5	23199.7	25.0	-49.4	-9.9	79.5	15.3	-13.0	-2.8	642.5	642.5	0.0	99.9	82.6	71.

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

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 349
 HOWETT, MISSOURI
 6 JUNE 1970
 0600 GMT

ISS 0. 0

TIME MIN	CHTCF	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	MI RTO GPM/KS	RM PCY	RANGE KM	AZ DEG
0.0	10.2	438.0	999.4	24.1	21.8	140.0	4.1	-2.6	3.1	300.6	340.0	17.4	87.0	0.0	0.0
0.0	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	09.0	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
0.3	11.0	524.7	990.0	24.6	22.4	175.0	9.5	-0.7	9.5	302.2	351.2	18.5	88.8	0.3	301
1.2	13.4	760.0	925.0	24.3	22.2	191.0	12.0	2.3	11.8	300.1	353.6	18.5	88.8	0.7	353
2.2	15.7	1000.5	900.0	22.4	21.0	203.0	16.9	7.1	14.9	304.6	352.2	17.2	91.7	1.9	7.2
3.0	19.1	1246.2	875.0	20.9	20.1	210.1	18.9	10.9	16.9	308.1	351.3	17.2	97.2	2.0	18.0
3.9	23.5	1497.7	850.0	19.3	19.4	219.3	19.5	12.4	18.1	306.4	349.7	15.9	64.4	3.3	23.0
4.8	27.9	1755.0	825.0	18.1	19.0	229.3	18.2	11.8	13.9	307.7	343.9	13.2	82.4	4.3	27.0
5.9	25.4	2018.7	800.0	17.2	7.0	219.8	14.9	10.3	12.7	309.8	333.1	8.4	50.8	5.4	30.0
7.1	27.6	2290.1	775.0	17.3	0.4	220.8	14.7	9.6	11.1	312.4	327.4	5.1	32.1	6.5	31.0
8.1	33.4	2582.9	750.0	15.9	-3.1	219.1	12.3	7.2	9.8	313.4	323.7	4.1	27.8	7.3	33.0
9.1	33.0	2855.5	725.0	14.0	1.8	212.0	8.8	4.7	7.8	314.6	322.6	4.0	43.6	7.9	33.0
10.2	35.7	3159.1	700.0	11.3	0.1	213.7	7.7	4.3	6.4	316.0	321.3	3.5	46.1	8.5	33.0
11.2	39.3	3452.9	675.0	6.0	-0.4	219.2	9.8	3.8	4.3	315.7	322.1	1.5	81.7	9.2	33.0
12.3	41.0	3744.4	650.0	6.6	-2.0	207.5	4.1	1.9	3.7	316.2	320.9	4.8	91.0	9.2	33.0
13.4	43.8	4035.4	625.0	3.9	-3.1	163.6	4.3	0.4	4.3	316.5	321.4	4.8	99.4	9.5	33.0
14.5	46.8	4315.0	600.0	1.8	-10.3	167.3	4.5	-1.8	4.4	317.9	324.8	2.9	40.2	9.7	31.0
15.8	49.5	4577.4	575.0	-0.9	-13.1	183.9	8.7	-1.8	8.5	318.5	329.8	2.4	38.9	9.9	30.0
17.1	52.5	5110.5	550.0	-2.4	-81.6	177.4	8.0	-0.4	8.0	321.1	321.3	0.1	1.0	10.0	29.0
18.5	55.5	5378.3	525.0	-4.1	-52.5	191.5	10.2	2.0	10.0	323.0	323.7	0.1	1.0	11.1	24.0
19.9	59.4	5661.4	500.0	-6.9	-34.0	198.0	10.0	3.1	10.4	325.1	329.3	0.0	1.0	11.9	26.0
21.3	61.4	6259.8	475.0	-9.3	-54.8	203.6	10.9	4.4	10.0	326.1	328.4	0.0	1.0	12.0	25.0
22.7	65.0	6475.8	450.0	-12.0	-57.5	224.7	13.0	9.5	8.9	326.1	328.3	0.0	1.0	13.0	26.0
24.2	63.4	7111.6	425.0	-14.1	-58.3	233.5	14.4	18.4	8.5	326.9	327.0	0.0	1.0	14.9	29.0
25.6	71.9	7370.2	400.0	-15.2	-59.8	260.8	26.0	26.7	1.6	335.1	335.4	0.0	1.0	16.2	35.0
27.4	75.4	8055.7	375.0	-18.2	-61.9	285.8	31.1	31.8	2.3	337.6	337.7	0.0	1.0	19.3	43.0
29.3	79.2	8567.0	350.0	-22.0	-63.9	282.1	32.6	32.3	4.5	339.2	337.2	0.0	1.0	21.1	49.0
31.2	83.0	9106.6	325.0	-26.9	-67.2	284.0	30.9	30.8	3.2	339.6	335.6	0.0	1.0	24.3	58.0
33.3	87.0	9677.9	300.0	-31.3	-70.0	293.6	31.8	31.7	2.4	341.3	331.3	0.0	1.0	27.7	58.0
35.5	91.3	10288.6	275.0	-32.6	-72.9	281.1	34.0	38.6	5.6	343.7	332.7	0.0	1.0	31.6	61.0
37.7	95.8	10944.9	250.0	-40.0	-74.9	259.1	36.0	36.8	6.9	345.2	339.6	0.0	1.0	36.5	64.0
40.3	100.5	11654.3	225.0	-45.8	-80.9	260.3	35.1	35.1	2.2	345.1	349.4	0.0	1.0	41.9	66.0
43.1	105.5	12376.0	200.0	-57.1	-90.9	268.1	32.5	32.4	2.2	350.2	347.8	0.0	1.0	46.7	69.0
46.3	111.0	13279.1	175.0	-56.4	-90.9	267.2	33.9	33.9	1.7	353.6	349.0	0.0	1.0	53.1	71.0
49.6	117.0	14231.0	150.0	-62.0	-90.9	266.9	28.4	28.4	1.6	353.3	349.9	0.0	1.0	59.2	73.0
53.4	123.5	15320.6	125.0	-72.1	-90.9	250.1	27.2	24.6	9.3	364.4	349.9	0.0	1.0	65.3	73.0
57.6	130.8	16442.1	100.0	-68.2	-90.9	212.3	11.0	8.9	9.3	366.8	349.9	0.0	1.0	70.3	73.0
63.1	139.0	18374.2	75.0	-65.0	-90.9	189.8	7.7	-2.8	7.3	436.6	349.9	0.0	1.0	71.0	71.0
71.0	149.3	20933.8	50.0	-59.8	-90.9	119.8	6.8	-0.1	3.0	502.6	349.9	0.0	1.0	69.0	69.0
83.0	158.0	25356.0	25.0	-50.6	-90.9	87.7	12.5	-12.6	-0.5	639.3	349.9	0.0	1.0	63.0	67.0

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 0 BY TEMP MEANS TEMPERATURE CA TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
 MONETT, MISSOURI
 8 JUNE 1979
 800 GMT

165 18. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT 1 DG M	E POT Y DG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	438.0	908.0	22.6	21.6	188.0	4.1	-2.1	3.6	299.1	344.3	17.2	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	199.
99.9	99.9	99.9	975.0	55.9	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	530.0	550.0	24.2	23.3	186.7	11.4	1.3	11.4	301.7	352.9	19.4	55.2	0.4	336.
1.1	13.5	765.1	925.0	23.8	22.9	194.8	15.1	4.4	14.5	303.6	359.3	19.4	94.8	0.8	355.
2.0	14.0	1065.1	900.0	21.9	21.0	211.3	18.2	9.5	14.5	304.6	351.5	17.7	94.9	1.7	10.
2.9	14.5	1250.0	875.0	26.3	19.4	220.2	18.6	12.6	14.0	304.6	349.2	16.4	94.3	2.7	21.
3.8	21.0	1501.4	850.0	14.2	18.2	222.7	20.1	13.6	14.8	306.3	348.8	15.7	93.5	3.6	27.
4.6	21.6	1756.4	825.0	17.4	15.7	227.0	19.9	13.9	14.9	307.6	344.8	13.8	89.8	4.8	31.
5.9	24.2	2021.9	800.0	14.5	11.4	228.4	18.4	12.2	10.9	308.7	338.5	10.7	71.8	5.9	35.
7.1	24.9	2292.4	775.0	14.8	4.6	223.9	15.9	9.7	10.1	310.4	330.7	6.9	47.4	6.9	36.
8.1	31.6	2570.3	750.0	14.1	2.7	224.3	10.9	7.6	7.8	311.5	330.0	6.2	46.3	7.7	37.
9.2	34.2	2855.9	725.0	13.2	-3.8	213.4	9.8	5.4	8.2	314.0	328.8	5.0	38.0	8.4	38.
10.3	37.0	3150.1	700.0	11.4	-3.1	192.1	9.2	1.9	9.0	315.1	328.2	4.4	36.0	9.0	37.
11.5	39.9	3452.6	675.0	8.3	0.0	164.5	10.0	6.8	9.9	314.8	331.7	9.7	55.9	9.6	34.
12.7	42.7	3763.5	650.0	5.3	-0.0	181.6	8.1	0.2	8.1	315.2	332.7	5.9	67.3	10.1	32.
14.0	45.6	4087.3	625.0	3.0	-1.2	172.7	6.9	-0.9	6.9	315.5	332.6	8.4	73.9	10.6	31.
15.4	44.6	4412.8	600.0	0.8	-9.5	168.0	8.1	-1.7	7.9	317.6	326.8	3.2	47.0	11.1	29.
16.7	51.6	4753.1	575.0	-1.3	-31.2	183.2	8.7	8.5	6.7	318.2	320.5	0.6	10.3	11.6	27.
18.1	54.8	5106.1	550.0	-4.6	-51.6	202.7	10.5	4.1	9.7	321.6	321.2	0.1	1.0	12.4	26.
19.5	57.9	5472.9	525.0	-6.9	-51.3	204.5	13.1	8.9	11.8	322.2	322.6	0.1	1.6	13.3	26.
20.9	61.3	5856.8	500.0	-9.1	-62.4	213.5	13.0	7.2	10.8	324.2	325.1	0.2	4.1	14.5	26.
22.2	64.6	6233.2	475.0	-8.7	-55.4	221.7	12.8	10.1	7.9	327.2	327.3	0.0	1.0	15.5	27.
23.7	69.0	6670.4	450.0	-10.4	-56.5	255.7	13.5	15.0	3.8	330.1	330.3	0.0	1.0	16.4	30.
25.5	71.6	7110.3	425.0	-11.2	-57.0	272.5	21.7	21.7	-0.4	334.1	334.7	0.0	1.0	17.6	35.
27.2	75.2	7572.5	400.0	-14.4	-59.1	270.3	24.8	24.8	-0.1	338.2	336.4	0.0	1.0	18.9	41.
29.0	79.8	8056.6	375.0	-17.6	-61.1	262.4	23.6	25.3	3.4	338.4	338.5	0.0	1.0	21.0	47.
31.7	83.0	8511.0	350.0	-23.0	-64.0	255.9	24.0	25.2	6.3	339.1	339.2	0.0	1.6	23.2	50.
32.6	87.0	9110.9	325.0	-28.4	-68.4	250.2	24.4	28.0	4.9	340.3	340.4	0.0	1.1	25.9	53.
34.6	91.2	9654.0	300.0	-36.8	-69.9	256.5	24.4	28.0	6.9	342.1	342.7	0.2	16.7	28.9	56.
37.1	95.7	10296.0	275.0	-39.9	-45.1	254.7	23.0	28.0	7.6	344.7	345.7	0.3	34.9	33.2	58.
39.6	100.4	10954.3	250.0	-35.9	-59.9	259.8	24.5	27.1	4.9	348.6	999.9	99.9	999.9	37.4	60.
42.1	105.4	11665.1	225.0	-45.8	-99.9	262.7	23.7	27.5	3.5	348.2	999.9	99.9	999.9	41.0	63.
44.8	110.6	12438.5	200.0	-52.1	-59.5	258.7	30.8	30.2	0.0	350.2	999.9	99.9	999.9	45.3	64.
47.8	116.5	13294.3	175.0	-59.1	-59.1	256.4	28.8	29.2	6.0	352.4	999.9	99.9	999.9	50.6	64.
51.3	122.8	14241.7	150.0	-65.8	-99.9	259.2	23.8	23.1	4.4	357.2	999.9	99.9	999.9	56.3	67.
54.8	129.7	15328.5	125.0	-73.0	-99.9	248.9	23.1	21.1	9.4	362.6	999.9	99.9	999.9	60.8	67.
58.9	137.5	16650.2	100.0	-67.5	-99.9	217.5	15.1	7.4	9.6	367.4	999.9	99.9	999.9	65.6	67.
64.1	146.5	18377.2	75.0	-64.9	-59.9	122.3	9.5	-3.0	3.7	432.4	999.9	99.9	999.9	64.8	64.
72.0	157.0	20573.2	50.0	-54.9	-59.9	107.3	7.1	-6.0	2.1	514.1	999.9	99.9	999.9	64.0	64.
84.4	168.0	25345.3	25.0	-56.9	-59.9	87.5	10.8	-10.8	-0.8	638.8	999.9	99.9	999.9	58.6	62.

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

STATION NO. 349
 MONETT, MISSOURI
 8 JUNE 1979
 1105 GMT

TIME MIN	CHTCT	WEIGHT 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 M	E POT V DG K	MR WTD G/TKG	RM PCT	RANGE AZ KM	164 10. 8
0.0	10.2	436.8	960.7	22.2	21.8	180.0	5.1	0.0	5.1	299.8	348.6	17.4	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	999.9
0.4	11.2	536.2	975.0	22.0	21.9	199.0	12.3	6.0	18.6	300.3	348.9	17.7	96.7	0.3	0.
1.2	13.7	749.3	925.0	21.8	20.9	199.0	15.6	6.6	14.1	301.7	347.1	17.1	94.6	0.9	16.
2.2	16.3	1008.1	850.0	20.4	19.5	218.9	17.5	10.0	14.4	302.4	345.5	16.1	94.6	1.0	23.
3.2	18.8	1252.0	875.0	18.7	17.9	99.9	99.9	99.9	99.9	303.2	343.4	15.0	95.0	2.9	29.
4.2	21.4	1501.1	850.0	17.1	12.5	59.9	99.9	99.9	99.9	304.6	334.9	11.3	77.3	999.9	999.9
5.1	23.0	1756.4	825.0	19.2	-1.8	99.9	99.9	99.9	99.9	308.5	320.8	4.1	24.1	999.9	999.9
6.2	25.0	2319.7	800.0	17.6	-7.3	99.9	99.9	99.9	99.9	309.5	318.2	2.8	17.7	999.9	999.9
7.2	29.3	2269.6	775.0	15.4	-2.2	99.9	99.9	99.9	99.9	310.4	320.5	3.4	23.8	999.9	999.9
8.3	34.1	2266.4	750.0	13.3	-2.7	99.9	99.9	99.9	99.9	311.8	323.5	4.2	27.7	999.9	999.9
9.5	34.9	2450.2	725.0	10.9	-7.3	59.9	99.9	99.9	99.9	311.4	320.6	3.0	27.1	999.9	999.9
10.7	37.7	3141.4	700.0	6.4	-16.8	159.5	10.9	3.5	8.7	312.0	316.7	1.5	14.7	8.0	36.
11.9	43.6	3440.8	675.0	6.7	-23.9	188.3	12.2	1.8	12.1	313.1	315.8	0.8	9.0	9.5	34.
13.0	43.4	3768.9	650.0	3.8	-17.3	178.5	13.3	-0.3	13.3	313.3	318.2	1.6	20.3	10.3	32.
14.2	46.4	4365.9	625.0	1.1	-15.0	193.3	13.7	0.4	13.7	313.7	319.8	1.9	29.3	11.2	28.
15.4	49.4	4393.2	600.0	-0.4	-22.1	205.3	11.5	4.9	10.4	315.6	319.1	1.1	17.6	12.1	27.
16.8	51.4	4732.1	575.0	-2.7	-19.2	215.5	11.6	6.8	9.5	316.4	321.6	1.5	27.3	12.9	28.
18.0	53.6	5083.1	550.0	-4.7	-35.9	218.9	11.1	7.0	8.7	318.2	319.5	0.3	5.8	13.8	29.
19.4	53.8	5447.6	525.0	-6.4	-44.1	223.5	13.6	9.4	9.9	320.2	320.7	0.0	1.0	14.7	29.
20.9	61.0	5927.9	500.0	-7.3	-59.5	229.2	15.9	12.0	10.4	324.3	324.4	0.0	1.8	16.0	31.
22.5	61.6	6229.4	475.0	-6.3	-53.9	233.6	16.3	14.6	7.3	330.3	330.3	0.0	1.8	17.4	33.
24.1	64.9	6650.4	450.0	-8.3	-59.1	266.2	16.3	16.3	1.1	332.9	332.9	0.0	1.8	18.7	36.
25.9	72.4	7091.3	425.0	-11.5	-57.2	267.7	18.4	18.4	6.7	334.2	334.4	0.0	1.0	19.7	40.
27.5	76.4	7552.7	400.0	-15.1	-57.5	255.4	19.5	18.9	4.9	335.2	335.5	0.0	1.0	21.1	44.
29.3	78.8	8038.0	375.0	-18.9	-61.7	251.8	18.7	17.8	5.0	337.1	337.2	0.0	1.0	23.0	40.
31.3	81.7	8546.7	350.0	-22.7	-68.1	250.6	21.0	18.8	7.0	338.1	338.9	0.2	11.2	25.1	48.
33.4	87.8	9087.1	325.0	-27.4	-81.3	253.9	24.7	24.6	10.1	339.8	340.2	0.3	24.9	27.8	50.
35.6	92.0	9657.3	300.0	-32.2	-81.3	246.1	24.4	22.3	9.9	340.6	341.0	0.3	32.6	31.1	52.
37.9	94.5	10267.7	275.0	-36.0	-85.2	247.1	24.1	22.2	9.4	343.1	343.3	0.8	7.2	34.0	53.
40.3	101.2	10221.7	250.0	-41.6	-99.9	245.1	23.8	21.6	10.0	344.5	344.5	99.9	99.9	37.3	54.
42.3	106.2	11626.5	225.0	-48.8	-99.9	248.3	22.6	20.7	9.1	344.5	344.5	99.9	99.9	40.3	55.
44.8	111.5	12393.7	200.0	-53.6	-99.9	233.9	21.2	24.2	7.0	347.8	347.8	99.9	99.9	43.9	56.
47.6	117.3	13239.0	175.0	-56.8	-99.9	236.3	23.6	23.8	5.4	352.8	352.8	99.9	99.9	47.9	58.
50.8	123.5	14191.4	150.0	-66.4	-99.9	244.8	22.3	19.9	10.0	355.8	355.8	99.9	99.9	51.9	59.
53.3	133.5	15278.9	125.0	-71.5	-99.9	244.8	21.7	18.7	9.3	355.8	355.8	99.9	99.9	56.9	59.
56.2	139.3	16566.1	100.0	-70.0	-99.9	197.5	9.8	3.0	9.4	362.6	362.6	96.9	96.9	63.5	60.
61.5	147.7	19110.0	75.0	-65.0	-99.9	148.7	7.1	-7.0	5.8	436.6	436.6	99.9	99.9	69.9	58.
70.8	158.0	20430.6	50.0	-54.3	-99.9	109.6	6.3	-7.8	2.8	510.6	510.6	99.9	99.9	59.1	55.
83.1	169.0	25305.7	25.0	-47.9	-99.9	79.4	11.9	-11.7	-2.2	646.5	646.5	99.9	99.9	54.0	51.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE AT TIME PAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

7 JUNE 1979

139 31. 1

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

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DG C	TEMP DG C	OCN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MZ RTO GM/KG	RM PCT	RANGE AZ KM	AZ DG
0.0	10.2	392.0	955.3	21.7	20.0	160.0	160.0	5.1	-1.7	4.8	296.7	330.8	15.6	90.0	0.0	0.
09.9	99.9	1000.0	999.0	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
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	10.6	400.6	950.0	21.7	20.0	999.9	999.9	99.9	99.9	99.9	299.2	342.6	16.5	94.4	999.9	999.9
1.0	12.7	673.9	925.0	22.8	22.1	999.9	999.9	99.9	99.9	99.9	302.6	351.7	16.5	90.2	999.9	999.9
2.1	15.0	913.2	900.0	23.5	19.1	999.9	999.9	99.9	99.9	99.9	303.7	365.9	15.7	86.4	2.4	20.
3.3	17.2	1159.3	875.0	24.4	14.1	227.7	22.0	16.3	14.8	14.8	309.1	341.8	11.7	52.8	4.0	31.
4.3	19.5	1413.7	850.0	25.7	11.3	230.2	19.5	15.0	12.5	12.5	310.5	239.2	10.0	45.9	5.2	35.
5.4	21.7	1673.9	825.0	26.6	9.9	230.5	18.1	14.0	11.5	11.5	311.4	338.0	9.4	47.4	6.3	38.
6.4	24.1	1939.9	800.0	28.1	8.5	232.4	16.3	12.9	10.0	10.0	311.2	338.4	8.8	50.2	7.4	40.
7.4	26.4	2212.2	775.0	29.4	7.4	233.6	15.1	12.5	8.5	8.5	312.6	338.1	8.4	53.4	8.3	42.
8.5	28.8	2491.1	750.0	30.9	5.9	237.7	14.6	12.4	7.9	7.9	312.6	338.3	7.8	54.4	9.2	43.
9.6	31.2	2777.2	725.0	32.2	6.2	237.2	14.6	12.2	7.9	7.9	312.6	338.3	7.8	54.4	9.2	43.
10.7	33.6	3070.9	700.0	33.6	5.1	247.1	13.2	12.1	5.1	5.1	313.6	338.5	7.9	71.3	11.0	45.
11.9	36.1	3372.3	675.0	35.0	4.6	259.8	12.3	12.1	2.2	2.2	314.1	337.1	8.0	81.8	11.9	48.
13.1	39.7	3682.3	650.0	36.5	4.5	263.3	12.6	12.6	1.0	1.0	314.1	337.7	8.7	81.7	12.6	53.
14.4	41.2	4001.4	625.0	37.7	2.7	268.8	11.8	11.7	1.1	1.1	315.2	326.8	3.7	30.1	13.4	53.
15.7	43.9	4330.6	600.0	38.9	0.9	22.1	264.4	11.1	1.1	1.1	317.0	320.7	1.1	16.0	14.2	55.
17.1	46.6	4671.3	575.0	40.2	-1.5	-10.2	258.2	10.3	2.1	2.1	318.2	327.7	3.1	81.7	15.0	56.
18.4	49.4	5021.6	550.0	41.6	-4.2	-12.9	249.2	10.0	0.1	0.1	319.1	327.3	2.6	51.0	15.7	57.
19.8	52.2	5369.3	525.0	43.0	-5.4	-24.0	281.5	12.0	11.8	-2.4	321.6	325.4	1.0	21.9	16.4	59.
21.3	55.1	5770.7	500.0	44.3	-7.7	-21.9	273.6	12.6	12.8	-1.1	323.6	326.0	1.3	30.9	17.2	62.
22.9	59.1	6168.0	475.0	45.9	-9.9	-24.2	275.4	13.0	12.9	-1.2	325.6	326.5	0.8	20.8	18.3	64.
24.5	61.1	6583.7	450.0	47.5	-11.5	-42.6	287.3	12.0	11.5	-3.6	326.8	326.6	0.2	5.5	19.3	66.
26.2	64.3	7018.9	425.0	49.0	-14.9	-36.2	282.7	11.3	11.0	-2.5	328.5	331.1	0.4	14.2	20.1	68.
28.2	67.5	7474.5	400.0	50.4	-18.3	-39.7	273.6	11.8	11.8	-0.7	331.2	332.3	0.3	13.2	21.3	70.
31.1	70.9	7953.3	375.0	51.8	-21.8	-43.1	268.6	13.2	13.2	0.3	332.2	335.6	0.2	12.5	22.7	71.
32.2	74.3	8458.2	350.0	53.2	-25.2	-47.9	264.4	13.3	13.3	0.0	334.7	335.3	0.1	9.9	24.2	72.
34.1	77.9	8991.4	325.0	54.6	-29.4	-50.9	261.4	15.1	14.9	2.2	336.1	336.5	0.1	10.3	25.8	73.
36.2	81.7	9559.0	300.0	56.0	-33.7	-53.3	258.2	25.4	24.7	6.1	339.3	339.6	0.1	10.7	28.1	74.
38.5	85.5	10168.6	275.0	57.4	-38.9	-54.8	256.1	41.8	40.6	10.1	344.7	345.8	0.1	10.9	32.7	76.
41.0	89.7	10827.8	250.0	58.8	-44.3	99.9	252.1	52.1	49.9	15.2	347.7	349.8	99.9	99.9	40.0	78.
43.5	94.3	11540.0	225.0	60.2	-49.1	99.9	252.1	56.6	17.3	17.3	349.2	349.8	99.9	99.9	46.4	78.
46.7	98.8	12318.2	200.0	61.6	-54.2	99.9	248.9	47.2	18.6	18.6	353.3	353.3	99.9	99.9	50.4	73.
49.9	103.4	13176.8	175.0	63.0	-59.4	99.9	247.5	41.7	18.1	18.1	356.5	356.5	99.9	99.9	67.9	72.
53.4	107.3	14180.1	150.0	64.4	-63.4	99.9	252.0	46.5	14.4	14.4	360.5	360.5	99.9	99.9	78.1	72.
57.4	113.5	15243.1	125.0	65.8	-68.2	99.9	253.5	38.0	9.3	9.3	371.6	371.6	99.9	99.9	88.4	72.
62.3	122.3	16508.4	100.0	67.2	-73.0	99.9	212.6	12.4	10.4	10.4	406.2	406.2	99.9	99.9	93.8	72.
68.3	133.3	18353.3	75.0	68.5	-78.5	99.9	169.0	9.0	1.3	1.3	435.2	435.2	99.9	99.9	94.3	71.
76.8	139.7	20851.2	50.0	70.0	-84.4	99.9	116.5	6.2	-7.3	3.6	510.7	510.7	99.9	99.9	93.2	70.
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	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. 353
OKLAHOMA CITY, OKLAHOMA
7 JUNE 1979
1400 GMT

182 10. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DESP DEG C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT H DG R	E POT T DG K	HR WTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	392.0	956.7	25.0	21.1	180.0	8.2	0.0	0.2	302.6	346.4	16.7	79.0	0.0	0.
00.0	99.0	99.0	1000.8	98.9	99.9	99.9	55.9	97.9	99.9	99.6	999.0	99.9	999.0	999.0	999.0
0.2	10.6	454.2	550.0	28.0	22.0	188.5	11.9	1.0	11.7	302.4	350.0	17.9	64.4	0.2	0.
1.1	12.0	608.6	925.0	22.7	21.6	199.5	15.0	9.3	14.9	302.2	350.2	17.9	93.9	0.9	15.
1.0	15.0	927.6	900.0	20.3	19.6	210.6	18.1	9.2	15.6	302.4	345.7	16.2	94.2	1.7	19.
2.9	17.3	1172.0	875.0	21.1	16.4	224.2	21.3	18.2	15.7	305.7	342.0	13.7	76.5	2.0	24.
3.0	19.5	1425.4	850.0	23.5	12.3	227.1	21.6	15.7	16.6	310.7	360.7	10.7	49.5	4.1	33.
4.7	21.0	1625.7	825.0	22.1	10.6	226.3	19.6	14.1	13.5	312.6	339.8	9.6	47.9	5.2	36.
6.6	26.5	2295.2	800.0	19.9	9.1	221.7	19.1	12.7	14.2	312.6	337.3	8.6	45.0	6.2	38.
7.6	28.0	2564.7	775.0	17.6	7.7	226.9	19.2	14.0	13.1	312.6	337.3	8.6	52.2	7.3	38.
8.6	31.3	2791.9	725.0	15.3	5.4	235.6	17.8	13.9	11.1	313.9	338.1	8.4	55.2	8.4	40.
10.7	33.8	3086.2	700.0	10.7	4.0	238.6	14.0	11.3	8.0	316.1	336.7	7.0	58.6	9.3	41.
16.7	36.3	3368.5	675.0	6.3	3.0	246.2	12.1	7.4	7.4	318.3	335.6	7.3	63.3	10.2	43.
12.9	39.0	3659.4	650.0	6.0	-1.1	242.3	11.8	11.4	1.5	315.7	331.9	5.4	60.4	11.7	46.
12.9	41.4	4019.7	625.0	3.0	-4.7	275.3	9.6	9.6	-0.9	315.6	329.7	4.3	56.4	12.2	48.
14.0	44.1	4349.5	600.0	0.6	-11.6	271.3	7.5	7.9	-0.2	316.6	325.0	2.6	35.0	12.6	50.
15.2	45.8	4690.8	575.0	-0.7	-19.0	261.6	7.9	7.9	1.2	318.5	323.7	1.4	21.9	13.1	52.
16.4	49.6	5046.5	550.0	-2.1	-21.2	263.1	7.9	7.9	0.9	320.4	324.4	1.2	22.0	13.6	53.
17.6	52.6	5410.7	525.0	-6.2	-24.3	272.2	7.7	7.6	-0.3	320.6	324.3	1.0	22.1	14.1	54.
19.0	55.3	5791.0	500.0	-9.1	-25.9	270.5	6.7	6.7	-0.1	323.8	326.3	0.9	22.2	14.5	56.
20.3	58.3	6107.6	475.0	-10.6	-27.5	270.8	9.6	9.4	-0.1	325.6	327.7	0.8	23.5	15.2	57.
21.0	61.3	6401.3	450.0	-13.4	-30.3	268.2	6.3	7.9	-2.6	326.4	328.8	0.7	22.5	15.8	59.
23.4	64.6	7034.3	425.0	-16.0	-33.6	268.8	6.1	7.7	-2.6	328.4	330.3	0.5	20.1	16.3	61.
24.6	67.6	7489.2	400.0	-18.2	-35.9	272.2	9.7	9.7	-0.4	331.2	333.0	0.5	20.2	16.9	63.
26.4	71.0	7968.2	375.0	-21.4	-39.1	255.7	10.7	10.4	2.7	333.2	334.7	0.4	20.4	17.7	64.
28.0	74.4	8473.7	350.0	-24.0	-41.0	239.6	19.8	13.6	8.0	335.1	336.2	0.3	20.6	19.0	64.
29.0	79.0	9007.4	325.0	-29.3	-43.8	240.7	19.7	17.2	9.6	338.6	336.9	0.2	23.3	21.0	63.
31.8	81.9	9575.5	300.0	-32.8	-46.8	233.1	28.3	27.1	8.2	340.2	341.0	0.2	21.2	23.7	64.
34.0	85.8	10188.6	275.0	-35.5	-49.0	259.6	40.2	39.5	7.3	343.8	344.3	0.1	21.3	27.8	66.
36.5	90.0	10823.6	250.0	-40.1	-59.9	257.7	47.8	46.7	18.2	346.5	349.9	0.9	21.3	27.8	66.
39.0	94.5	11553.6	225.0	-46.4	-59.9	255.4	48.2	43.7	12.2	347.4	349.9	0.9	21.3	27.8	66.
41.7	99.2	12320.6	200.0	-50.6	-59.9	248.7	46.2	43.0	16.8	352.6	349.9	0.9	21.3	27.8	66.
44.8	104.4	13186.3	175.0	-57.7	-59.9	247.2	46.0	42.4	17.9	355.6	349.9	0.9	21.3	27.8	66.
48.1	110.8	14141.9	150.0	-65.0	-59.9	253.7	43.2	41.4	12.1	358.2	349.9	0.9	21.3	27.8	66.
51.9	116.0	15243.7	125.0	-66.6	-59.9	257.5	29.4	28.7	8.4	374.4	349.9	0.9	21.3	27.8	66.
56.6	123.0	16595.8	100.0	-67.8	-59.9	219.6	9.3	5.9	7.2	390.3	349.9	0.9	21.3	27.8	66.
62.9	131.3	18324.7	75.0	-64.1	-59.9	145.9	9.1	-1.1	7.5	438.2	349.9	0.9	21.3	27.8	66.
71.2	141.0	20857.9	50.0	-54.0	-59.9	134.0	9.8	-0.9	6.0	510.2	349.9	0.9	21.3	27.8	66.
80.4	151.3	25366.4	25.0	-47.6	-59.9	93.2	14.1	-14.0	0.8	648.1	349.9	0.9	21.3	27.8	66.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 352
OKLAHOMA CITY, OKLAHOMA

7 JUNE 1979
1705 GMT

152 29. 0

TIME MIN	CMTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	WZ PTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.6	392.0	937.3	29.4	21.6	180.0	5.3	0.0	9.3	308.4	353.1	17.3	83.0	0.0	0.
99.9	93.9	99.9	1000.0	95.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	11.2	460.4	993.0	28.1	21.5	189.0	17.4	2.7	17.2	305.7	352.3	17.3	87.5	0.5	7.
1.2	11.5	656.9	925.0	25.4	20.0	199.0	16.7	2.0	16.5	305.2	348.9	16.2	72.0	1.2	9.
2.4	15.9	917.8	500.0	23.1	19.9	192.2	12.4	2.6	12.2	305.4	349.9	16.5	82.0	2.3	9.
3.6	18.4	1183.7	875.0	20.6	19.2	201.9	14.2	5.3	13.2	305.2	349.0	16.2	91.2	3.2	11.
4.6	20.8	1435.5	875.0	22.7	-0.3	222.1	17.6	11.8	13.0	309.5	355.2	5.3	27.0	4.1	15.
5.7	23.3	1654.4	825.0	21.4	-9.9	225.5	20.7	14.8	14.5	311.2	320.9	3.7	16.8	5.2	23.
6.8	25.8	1960.1	800.0	20.6	-9.9	222.0	18.2	12.4	13.7	311.2	324.0	3.6	18.9	6.5	27.
7.7	28.2	2232.8	775.0	18.6	-9.4	225.6	15.5	11.1	10.8	313.8	323.8	3.3	19.0	7.6	29.
8.9	32.9	2412.7	750.0	16.6	-9.4	235.7	12.8	10.6	7.2	314.6	324.3	3.2	20.1	8.2	31.
9.7	31.4	2749.6	725.0	14.3	-9.9	241.6	13.3	11.7	6.3	315.1	325.5	3.4	24.3	9.0	34.
11.0	36.1	3154.6	700.0	12.0	-9.9	242.9	13.7	12.2	6.2	315.4	326.5	3.5	28.0	9.8	36.
12.2	34.8	3357.5	675.0	5.0	-9.8	243.7	13.2	12.1	6.0	315.2	329.6	4.6	43.1	10.7	39.
13.7	41.6	3708.9	650.0	6.2	-16.2	242.4	12.5	12.0	6.3	316.0	332.2	5.4	59.1	11.8	41.
15.1	44.3	4226.2	625.0	3.6	-25.2	243.1	12.4	11.1	5.6	316.6	331.9	5.1	64.3	12.8	43.
16.5	47.1	4759.9	600.0	1.6	-19.7	251.0	8.7	6.2	4.8	317.5	331.6	4.5	83.0	13.8	45.
18.3	51.1	4701.4	575.0	-1.2	-14.9	250.6	5.9	5.6	2.0	319.6	326.4	2.5	41.5	14.4	48.
19.9	53.1	5054.6	550.0	-2.7	-11.5	243.9	6.4	5.0	2.8	320.5	321.2	0.1	1.0	14.8	47.
21.3	58.2	5422.1	525.0	-4.4	-5.7	243.0	6.4	7.6	3.9	323.3	323.4	0.1	1.0	15.5	47.
22.7	59.4	5435.1	500.0	-6.1	-5.2	237.7	6.9	6.8	1.5	325.6	325.2	0.0	1.0	16.1	48.
24.3	62.5	6234.4	475.0	-8.7	-5.4	232.0	5.8	9.5	1.8	327.2	327.3	0.0	1.0	16.6	49.
25.9	65.9	6621.2	450.0	-11.9	-7.2	231.8	4.7	4.5	1.5	328.4	328.9	0.0	1.0	17.1	50.
27.9	69.3	7056.9	425.0	-14.8	-9.3	242.3	5.4	5.9	0.7	330.0	330.1	0.0	1.0	17.5	51.
29.3	72.7	7512.6	400.0	-18.3	-6.1	251.2	7.3	6.9	2.3	331.2	331.3	0.0	1.0	18.3	52.
31.9	76.4	7991.1	375.0	-21.9	-6.9	253.4	9.2	8.8	2.8	332.6	332.7	0.0	1.0	19.1	53.
33.8	81.2	8455.4	350.0	-25.5	-6.9	252.4	12.2	12.1	1.6	334.4	334.5	0.0	1.0	20.2	54.
35.5	84.2	9330.3	325.0	-29.1	-6.8	258.7	15.7	13.4	3.1	337.5	338.0	0.0	1.0	21.4	56.
37.3	89.3	9599.6	300.0	-32.1	-7.6	247.5	24.5	22.7	9.4	340.1	340.1	0.0	1.0	23.4	57.
39.6	92.7	10210.4	275.0	-33.4	-7.8	249.1	36.3	32.9	12.9	343.5	343.9	0.0	1.0	27.4	59.
42.4	97.2	10866.9	250.0	-40.2	-9.9	253.2	47.3	45.3	13.7	346.4	346.9	99.9	999.9	34.6	59.
44.9	102.2	11575.7	225.0	-47.4	99.9	251.3	47.4	45.1	15.2	346.5	346.9	99.9	999.9	41.9	61.
47.6	107.6	12354.1	200.0	-51.6	99.9	245.7	46.4	42.3	19.1	351.1	351.1	99.9	999.9	49.5	64.
51.3	113.3	13211.3	175.0	-57.9	99.9	244.6	47.4	42.8	20.4	355.1	355.1	99.9	999.9	59.8	64.
54.8	119.5	14170.9	150.0	-64.1	99.9	252.8	41.8	39.9	12.4	357.6	357.6	99.9	999.9	69.1	65.
59.1	127.3	15276.9	125.0	-67.8	99.9	257.3	25.6	25.0	8.6	366.7	366.7	99.9	999.9	78.2	68.
64.1	134.	16523.1	100.0	-67.8	99.9	267.5	11.1	5.1	9.4	396.7	396.9	99.9	999.9	82.9	68.
69.8	143.0	18354.6	75.0	-63.4	99.9	178.5	11.7	-0.3	11.7	440.6	440.6	99.9	999.9	85.5	83.
74.4	153.0	20776.5	50.0	-57.9	99.9	130.9	8.0	-6.8	5.2	507.1	507.1	99.9	999.9	84.2	83.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

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

STATICA NO. 323
OKLAHOMA CITY, OKLAHOMA
7 JUNE 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEB PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DB H	E POT 1 DB H	HX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	397.0	937.3	31.1	21.3	179.0	6.0	-1.3	0.7	308.1	350.2	16.9	84.0	0.0	0.0
00.0	99.0	90.0	1000.0	99.0	99.0	99.0	55.0	99.0	99.0	99.0	99.0	55.0	99.0	99.0	99.0
00.0	99.0	90.0	575.0	95.0	99.0	99.0	55.0	99.0	99.0	99.0	99.0	55.0	99.0	99.0	99.0
0.1	13.0	488.7	920.0	20.0	21.4	180.1	14.0	1.0	14.7	306.7	353.3	17.2	63.6	0.1	5.0
1.3	13.2	498.8	925.0	27.0	21.4	187.1	15.5	1.9	15.3	307.8	353.3	17.5	69.1	1.1	6.0
2.3	19.5	941.6	900.0	25.3	20.3	180.8	16.3	2.5	16.1	307.7	353.8	17.0	73.9	2.1	7.0
3.3	18.8	1189.4	875.0	23.0	20.3	191.2	18.3	3.2	16.0	307.7	353.1	17.5	85.1	3.1	8.0
4.3	19.1	1442.4	850.0	20.9	17.6	200.6	19.7	5.5	14.7	308.1	349.6	15.2	81.6	4.1	9.0
5.5	21.4	1701.5	825.0	20.4	11.4	212.2	17.3	9.2	14.6	311.2	340.5	10.4	53.3	5.2	13.0
6.8	23.8	1968.5	800.0	21.2	7.2	218.6	15.7	9.8	12.3	313.6	336.9	8.0	40.2	6.4	18.0
8.0	28.2	2242.9	775.0	19.5	4.9	229.7	14.8	11.3	9.5	314.2	335.4	7.1	38.3	7.4	22.0
9.0	28.6	2524.2	750.0	17.2	4.2	229.5	15.2	11.8	9.9	315.2	335.5	6.9	42.0	8.2	22.0
10.0	31.1	2812.2	725.0	14.5	3.3	231.2	13.2	10.3	8.3	315.4	335.1	6.7	45.6	9.0	27.0
11.1	31.6	3107.7	700.0	11.6	2.2	230.6	12.2	9.4	7.8	315.3	335.3	6.5	52.6	9.8	29.0
12.1	34.2	3411.2	675.0	10.1	0.4	230.7	10.1	8.0	5.0	317.4	335.5	5.9	50.0	10.4	30.0
13.1	38.8	3724.0	650.0	7.5	-1.5	230.7	8.0	7.5	2.6	317.4	333.3	5.3	53.0	10.8	32.0
13.2	41.3	4365.9	625.0	4.7	-3.7	235.6	5.7	5.7	0.4	317.5	332.0	4.7	58.2	11.1	34.0
15.4	44.1	4377.1	600.0	1.8	-4.0	259.5	5.3	5.2	1.0	318.3	331.7	4.0	65.3	11.4	35.0
16.7	46.8	4718.8	575.0	-1.2	-6.8	256.1	4.7	4.5	1.1	318.6	330.9	4.0	65.7	11.7	36.0
19.2	42.7	5071.9	550.0	-4.0	-20.0	248.1	5.7	5.3	2.1	319.4	325.2	1.5	28.5	12.0	38.0
19.7	52.6	5438.5	525.0	-6.6	-27.4	240.9	5.4	4.7	2.6	322.9	325.6	0.8	19.7	12.5	39.0
21.2	55.5	5920.7	500.0	-7.0	-29.3	235.3	4.2	3.6	1.7	326.5	325.8	0.7	14.9	12.9	40.0
22.8	58.5	6218.6	475.0	-9.6	-29.6	229.7	4.0	3.5	3.0	326.0	325.4	0.7	17.7	13.2	40.0
24.3	61.6	6633.7	450.0	-12.5	-33.5	224.4	4.4	4.4	4.4	327.2	325.3	0.5	15.3	13.7	40.0
27.0	64.9	7067.7	425.0	-19.7	-70.0	233.3	7.1	9.7	4.2	228.2	330.3	0.4	15.5	14.4	41.0
27.0	64.1	7521.4	400.0	-19.1	-37.2	232.4	8.0	8.8	6.2	230.2	331.6	0.4	18.3	15.2	41.0
29.4	71.5	7993.9	375.0	-22.7	-40.1	230.7	12.0	9.3	7.6	231.6	332.7	0.3	18.6	16.2	42.0
31.7	73.0	8502.7	350.0	-24.5	-41.9	232.6	23.0	12.0	14.5	235.2	335.2	0.3	17.7	16.3	43.0
33.8	73.7	9041.2	325.0	-26.3	-44.3	230.8	33.0	28.8	18.1	240.2	341.4	0.2	16.4	22.1	45.0
36.1	82.5	9614.6	300.0	-30.9	-48.0	230.9	34.6	32.3	12.4	241.2	342.5	0.2	16.7	26.4	45.0
38.4	85.5	10224.6	275.0	-36.5	-51.7	250.0	37.7	35.5	12.8	242.2	342.8	0.1	18.8	31.1	52.0
41.2	91.2	10878.5	250.0	-40.6	-59.4	245.2	42.1	38.2	17.6	245.7	345.9	99.0	99.0	37.5	55.0
44.0	95.2	11498.3	225.0	-45.7	-59.9	233.2	48.9	43.6	22.1	248.2	349.9	99.0	99.0	45.3	56.0
47.2	100.0	12381.7	200.0	-52.7	-59.9	236.8	41.4	39.8	17.1	249.4	349.9	99.0	99.0	54.2	58.0
50.8	103.2	13211.2	175.0	-59.2	-59.9	231.4	45.0	43.5	14.6	252.2	349.9	99.0	99.0	63.3	58.0
54.5	105.8	14165.1	150.0	-64.6	-59.9	233.4	28.0	27.3	8.2	252.2	349.9	99.0	99.0	71.7	61.0
58.7	117.0	15271.6	125.0	-69.1	-59.9	231.3	26.8	25.4	0.6	269.2	349.9	99.0	99.0	79.6	61.0
63.5	124.0	16406.3	100.0	-81.9	-59.9	258.2	11.8	11.0	0.4	294.2	349.9	99.0	99.0	83.5	62.0
69.9	132.5	18356.2	75.0	-83.7	-59.9	238.1	11.0	9.1	0.1	439.4	349.9	99.0	99.0	86.7	61.0
78.7	141.0	20496.3	50.0	-84.4	-59.9	194.9	4.1	-4.0	1.1	515.3	349.9	55.9	95.9	84.9	59.0
90.9	99.9	99.9	25.0	95.9	99.9	99.9	55.5	99.9	99.9	99.9	99.9	59.9	59.9	99.9	99.9

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

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

7 JUNE 1979
2305 GMT

TIME MM	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG M	HR MTC GM/KG	RM PCT	RANGE KM	AZ DG
0.0	1.6	382.0	956.0	31.7	23.0	170.0	6.2	-1.1	6.1	308.6	359.8	18.8	60.0	0.0	0.
0.0	9.9	99.0	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	10.5	467.8	975.0	30.8	24.7	169.7	18.4	-2.6	14.1	308.3	345.4	21.2	71.0	0.4	12.
1.2	17.7	706.8	975.0	28.0	22.9	174.3	14.9	-1.5	14.7	307.5	362.6	19.4	74.0	1.0	36.0
2.0	14.9	970.4	975.0	25.7	21.4	179.0	14.4	-0.3	14.4	308.0	357.3	18.1	76.0	1.6	35.0
2.7	17.1	1188.9	975.0	23.6	21.0	180.9	14.4	.2	14.4	308.3	357.9	18.2	85.4	2.3	35.0
3.6	19.3	1472.6	940.0	21.1	20.6	182.6	13.4	1.5	13.3	308.2	358.0	18.3	96.8	3.0	36.0
4.6	21.5	1711.5	927.0	18.6	18.2	185.6	13.0	3.7	13.5	308.2	352.6	16.2	57.3	3.0	36.0
5.7	23.8	1976.3	900.0	16.6	3.4	212.4	15.1	6.2	12.7	311.0	330.7	6.9	41.3	4.7	7.
7.0	26.1	2248.6	875.0	14.7	-7.1	224.6	15.2	9.7	9.8	313.5	326.7	4.3	24.3	5.7	13.
8.2	29.4	2529.1	850.0	12.1	-3.2	227.9	12.8	9.5	8.6	315.1	327.3	4.0	24.0	6.5	16.
9.3	31.2	2816.4	825.0	10.7	-5.4	233.1	12.5	10.0	7.5	315.6	326.3	3.5	24.5	7.3	21.
10.3	33.2	3112.2	800.0	8.3	-5.2	235.9	9.3	7.7	5.2	316.1	327.4	3.7	29.0	7.8	24.
11.4	35.7	3415.8	775.0	6.9	-6.4	224.1	6.0	5.6	9.8	316.4	327.6	3.5	31.0	8.3	26.
12.4	38.2	3727.7	750.0	7.8	-6.9	214.4	6.9	3.9	5.7	316.5	327.7	3.5	36.3	9.1	27.
13.5	40.7	4049.7	725.0	4.2	-7.3	213.3	4.8	2.7	4.0	317.3	326.6	3.0	36.6	9.1	27.
14.6	43.3	4379.3	700.0	1.4	-8.6	228.9	2.2	1.7	1.1	317.7	328.0	3.3	47.3	9.3	27.
15.8	46.0	4720.3	675.0	-1.7	-9.5	238.3	3.1	2.7	1.6	318.0	328.6	3.5	58.5	9.5	27.
17.3	48.7	5073.0	650.0	-3.0	-10.9	238.0	5.7	4.6	3.3	320.2	321.8	0.4	6.3	9.7	28.
19.2	51.5	5480.7	625.0	-4.4	-14.8	220.3	6.4	4.1	4.9	323.1	324.5	0.4	7.3	10.2	29.
19.3	54.4	5927.7	600.0	-7.2	-15.4	216.1	5.8	3.4	4.7	324.2	324.5	0.4	8.4	10.6	29.
23.7	57.3	6720.5	475.0	-5.6	-16.3	223.5	5.7	3.9	4.1	326.1	327.2	0.3	7.5	11.0	30.
27.3	63.3	6676.1	450.0	-12.3	-18.0	227.4	8.9	6.5	6.0	327.2	328.7	0.2	7.1	11.6	31.
23.4	63.4	7070.7	425.0	-15.1	-18.4	233.6	12.7	10.2	7.5	329.6	330.6	0.3	9.2	12.4	32.
24.3	66.6	7426.3	400.0	-18.3	-22.0	240.5	15.4	16.9	9.5	331.2	332.1	0.2	10.3	13.7	34.
26.4	69.9	8055.6	375.0	-20.6	-26.1	238.9	27.9	23.9	14.4	334.2	334.9	0.2	6.8	15.6	38.
29.1	73.3	8514.6	350.0	-22.3	-29.1	238.7	30.4	26.2	15.9	336.6	339.2	0.1	7.5	18.5	41.
30.0	76.9	9356.0	325.0	-27.0	-29.1	243.9	33.8	30.3	14.8	339.5	340.4	0.1	10.1	21.9	44.
31.9	80.6	9625.6	300.0	-32.2	-31.9	248.8	35.1	31.7	14.9	340.5	340.4	0.1	12.0	25.7	48.
34.1	84.5	10233.5	275.0	-36.9	-34.9	243.5	34.2	34.2	17.0	341.4	342.1	0.1	13.2	30.3	50.
36.5	89.5	10888.3	250.0	-40.4	-39.0	240.5	41.6	36.2	20.5	345.7	345.9	99.9	59.9	36.0	52.
38.9	92.8	11566.9	225.0	-46.5	-39.9	242.5	41.5	38.6	19.2	347.2	349.9	99.9	59.9	42.1	53.
41.4	97.5	12378.3	200.0	-52.2	-39.9	246.9	42.3	38.9	16.6	350.2	350.9	99.9	69.2	55.	
44.7	102.6	13274.2	175.0	-57.4	-39.9	248.9	39.6	36.9	14.3	352.2	352.9	99.9	69.9	54.2	57.
48.4	104.0	14191.3	150.0	-64.8	-39.9	246.4	29.7	27.2	11.9	358.4	359.9	99.9	69.9	63.6	58.
52.2	114.0	15275.7	125.0	-65.3	-39.9	247.4	25.2	23.3	9.7	369.4	369.9	99.9	69.9	69.8	58.
57.0	121.0	16666.4	100.0	-71.2	-39.9	210.1	16.1	5.1	8.7	390.1	390.9	99.9	69.9	74.7	58.
63.1	129.0	18143.4	75.0	-64.8	-39.9	106.3	6.0	-3.9	4.5	437.0	437.9	99.9	69.9	75.2	58.
72.0	139.0	20975.5	50.0	-54.8	-39.9	106.3	6.0	-7.8	2.3	414.2	414.9	99.9	69.9	75.1	55.
85.6	151.0	25393.4	25.0	-46.8	-39.9	61.1	14.3	-12.5	-6.9	492.2	492.9	99.9	69.9	67.6	53.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
ORLANDO CITY, ORLANDO

8 JUNE 1979
205 GMT

153 10. 0

TIME MIN	CNTCT	HEIGHT GPM	WRES WD	TEMP DG C	DRS PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	WIND G/KG	RM PCT	RANGE KM	AZ DG
0-0	10-1	392-0	958-7	27-0	22-3	163-0	5-7	-1-9	5-4	368-4	352-8	18-0	72-0	0-0	0-
0-0	99-9	99-9	1000-0	29-9	59-9	99-9	95-5	99-9	99-9	99-5	599-9	59-9	99-9	999-9	999-
0-2	10-8	473-3	550-0	55-9	59-9	95-9	99-9	99-9	99-9	99-5	609-9	55-9	99-9	999-9	992-
1-1	13-1	710-5	925-0	26-4	23-6	173-4	12-8	0-1	12-8	205-1	358-7	20-0	80-4	0-5	340-
2-0	15-4	950-9	900-0	26-4	23-6	173-4	12-8	0-1	12-8	306-2	359-6	20-0	83-5	1-1	340-
3-0	17-6	1200-4	875-0	22-6	21-4	192-8	18-4	4-4	17-6	307-2	358-1	18-0	90-3	2-2	352-
4-0	19-9	1451-0	850-0	21-9	19-4	206-0	16-7	7-8	14-7	309-1	355-6	17-0	85-6	4-2	3-
5-0	22-7	1713-6	825-0	20-5	15-3	221-6	15-3	10-6	12-2	312-2	347-5	13-4	71-9	5-0	9-
5-9	24-0	1980-1	800-0	20-0	12-3	232-7	14-4	11-4	8-7	312-4	344-5	11-3	61-3	5-8	14-
7-0	27-0	2253-2	775-0	18-4	7-4	225-2	13-2	9-5	9-2	313-6	337-6	6-4	48-6	6-5	19-
8-2	29-4	2538-0	750-0	18-4	5-4	222-8	12-1	8-1	9-0	314-2	336-3	7-5	47-8	7-3	22-
9-3	31-0	2821-6	725-0	14-1	4-0	226-2	11-2	7-5	8-3	315-0	335-7	7-1	50-5	8-1	24-
10-6	34-4	3110-9	700-0	11-6	3-5	226-4	8-0	5-8	5-5	315-7	332-5	5-7	45-3	8-7	25-
11-6	36-9	3420-3	675-0	8-6	-1-8	240-1	4-2	4-0	2-3	316-4	331-3	5-0	40-9	9-1	27-
12-4	39-5	3732-5	650-0	7-1	-4-1	224-5	2-0	1-4	1-4	317-0	330-1	4-4	44-8	9-4	27-
13-9	42-1	4033-4	625-0	4-6	-4-2	204-1	2-3	0-9	2-1	317-7	331-3	4-5	53-0	9-4	27-
15-1	44-0	4344-0	600-0	1-0	-9-6	203-2	3-2	1-3	2-9	317-2	327-5	3-3	48-0	9-6	27-
16-5	47-6	4724-6	575-0	-2-1	-12-0	227-5	3-4	2-5	2-3	317-4	325-9	2-7	46-5	9-8	27-
18-0	53-1	5076-9	550-0	-3-4	-17-2	234-3	5-6	4-3	3-2	320-1	325-6	1-8	32-7	10-2	28-
19-4	59-2	5443-0	525-0	-4-1	-22-0	215-7	6-5	3-8	5-3	321-1	325-2	1-2	27-0	10-7	29-
20-9	59-1	5923-6	500-2	-7-8	-24-0	198-1	5-8	1-8	5-5	323-2	327-2	1-1	25-7	11-2	29-
22-4	59-1	6220-7	475-0	-10-5	-25-7	211-7	6-7	4-6	7-4	325-0	328-4	1-0	27-2	11-8	29-
24-0	62-1	6636-1	450-0	-12-8	-27-8	237-7	14-0	11-8	7-5	328-0	330-9	0-9	25-8	12-8	30-
25-9	65-4	7071-4	425-0	-14-4	-31-8	242-7	21-0	20-1	6-2	330-2	332-9	0-7	23-2	14-4	35-
27-9	69-6	7528-7	400-0	-16-3	-33-2	242-5	28-2	28-0	13-0	333-2	335-8	0-6	21-6	16-9	41-
29-9	72-0	8011-3	375-0	-19-3	-35-7	218-6	31-4	26-8	18-4	336-8	337-6	0-5	21-7	20-5	44-
31-9	75-4	8520-9	350-0	-27-2	-39-9	237-7	32-6	27-6	17-4	337-2	338-9	0-4	21-9	24	46-
34-1	73-1	9094-3	325-0	-28-0	-42-0	235-9	32-8	27-1	18-4	338-2	339-2	0-3	24-4	28	48-
36-6	82-9	9672-3	300-0	-32-9	-45-6	239-5	31-1	26-8	15-8	339-1	339-9	0-2	26-5	31-	49-
39-2	46-8	10233-9	275-0	-35-8	-47-4	236-9	37-7	31-6	20-6	343-2	344-0	0-2	29-1	34-	50-
41-9	91-0	10490-4	250-0	-41-2	59-9	233-4	37-8	30-4	22-6	348-6	349-9	99-9	59-9	44-4	51-
43-9	95-4	11597-6	225-0	-46-8	59-9	240-6	34-6	30-2	17-0	348-4	349-9	99-9	59-9	53-9	52-
44-4	102-0	12167-2	200-0	-52-4	59-9	236-1	37-0	30-7	20-6	349-7	349-9	99-9	59-9	54-9	53-
47-1	105-2	13219-9	175-0	-57-3	59-9	241-4	35-2	31-	16-9	352-2	349-9	99-9	59-9	73-3	54-
50-8	113-8	14174-9	150-0	-65-6	59-9	242-1	25-9	22-9	12-1	357-1	349-9	99-9	59-9	75-0	54-
60-2	116-8	15265-1	125-0	-70-0	59-9	235-6	16-4	13-3	9-3	366-2	349-9	99-9	59-9	82-3	54-
65-7	121-8	16587-4	100-0	-72-6	59-9	193-3	9-6	2-1	0-8	387-4	349-9	99-9	59-9	82-7	53-
71-0	127-0	18104-1	75-0	-65-8	99-9	135-5	7-6	-5-3	5-4	434-5	349-9	99-9	59-9	81-5	51-
81-0	147-0	23407-5	50-0	-58-4	59-9	106-7	9-0	-8-6	2-6	500-0	349-9	99-9	59-9	81-5	51-
93-4	154-0	25285-5	25-0	-50-4	93-9	90-4	12-5	-12-5	0-1	639-7	349-9	99-9	59-9	77-1	47-

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

STATION NO. 323
 OKLAHOMA CITY, OKLAHOMA
 8 JUNE 1979
 505 GMT

155 11. 8

TIME MIN	CNCT	WEIGHT 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	MR TTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.7	392.0	960.4	27.6	21.7	170.0	5.7	-1.0	5.6	302.2	348.2	17.3	79.0	0.8	0.
99.9	99.9	1000.0	999.9	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	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
0.4	10.6	690.5	990.0	25.6	21.6	177.9	17.0	-0.6	16.9	303.2	355.5	19.7	84.6	0.4	357.
1.3	12.8	724.2	525.0	24.7	22.9	165.0	23.4	2.0	23.5	304.4	356.5	19.4	89.8	1.3	359.
2.3	14.9	965.7	900.0	24.2	22.7	194.9	26.4	6.8	23.5	306.5	358.4	18.5	85.2	2.8	5.
3.4	7.7	1212.8	875.0	22.6	19.6	207.5	23.2	8.9	21.5	307.3	352.6	16.7	82.9	4.5	11.
4.4	19.5	1466.4	830.0	22.4	17.4	212.9	18.1	9.3	15.5	309.4	351.9	15.3	75.3	5.7	14.
5.5	21.7	1774.9	825.0	22.1	14.7	227.9	14.2	9.3	10.7	311.5	348.1	12.9	63.0	6.6	17.
6.6	24.1	1994.2	823.0	20.2	13.4	227.3	12.6	9.3	8.6	312.4	347.1	12.3	65.3	7.5	20.
7.7	26.5	2264.1	815.0	16.5	10.5	234.4	10.9	6.9	6.4	313.7	343.3	10.4	59.9	8.1	23.
8.9	28.4	2544.7	750.0	14.4	8.6	233.1	10.9	7.5	8.0	314.4	338.2	6.2	52.5	8.8	26.
10.0	31.2	2436.6	725.0	14.3	3.7	219.9	10.2	6.6	8.1	315.2	335.3	6.9	46.8	9.5	27.
11.2	33.6	3137.4	720.0	12.3	2.3	210.1	9.3	5.5	7.5	316.1	335.2	6.5	50.4	10.2	27.
12.3	34.1	3436.1	675.0	5.6	-0.0	208.4	6.8	2.9	5.7	316.4	333.3	5.7	51.1	10.8	29.
13.4	34.7	3744.3	630.0	7.0	-1.0	207.9	4.5	2.1	4.0	316.5	333.3	5.5	56.8	11.1	28.
14.4	41.3	4069.5	625.0	4.0	-2.7	222.2	2.7	1.8	2.0	317.5	332.1	5.0	61.6	11.4	26.
16.0	43.9	4194.6	630.0	0.6	-4.1	234.5	3.0	2.4	1.7	318.6	331.1	4.7	70.8	11.6	26.
17.7	46.7	4740.0	575.0	-1.8	-11.1	227.0	5.6	4.1	3.8	317.5	327.4	3.1	52.9	11.8	29.
19.7	49.4	5393.3	550.0	-3.3	-14.3	227.4	6.4	5.6	6.2	320.2	325.5	1.6	30.3	12.4	29.
20.2	52.2	5460.0	525.0	-4.6	-20.4	229.6	10.0	6.5	7.6	323.6	327.7	1.4	27.7	13.2	30.
21.7	54.1	5443.0	500.0	-6.4	-23.1	230.6	10.5	8.2	6.7	325.2	329.2	1.2	25.1	14.1	31.
23.2	56.1	6743.2	475.0	-7.1	-24.0	237.1	13.5	11.4	7.4	329.2	332.9	1.0	22.1	15.1	33.
24.7	61.2	6462.1	450.0	-10.9	-24.5	243.5	14.8	1.2	6.8	329.2	334.7	1.5	41.0	16.3	35.
26.4	64.4	7059.5	425.0	-17.9	-31.9	243.9	20.1	18.1	8.8	332.4	334.6	0.6	8.6	17.8	37.
28.4	67.6	7559.2	400.0	-15.6	-34.0	235.0	25.6	23.9	14.7	334.7	336.6	0.5	16.8	20.2	41.
30.1	70.9	6743.4	375.0	-14.4	-36.5	228.6	25.7	19.3	17.0	336.4	338.4	0.4	19.1	21.0	42.
32.1	74.4	6552.9	350.0	-23.5	-39.4	228.0	26.0	19.0	17.7	337.1	338.4	0.3	21.0	26.1	42.
34.1	78.0	6094.5	325.0	-27.2	-43.5	226.1	26.4	19.2	18.4	337.4	338.7	0.2	21.2	29.2	43.
36.4	81.8	4860.1	300.0	-27.1	-37.4	227.2	29.6	21.7	20.1	340.2	342.6	0.5	59.4	33.3	43.
38.4	85.8	10262.4	275.0	-31.5	-42.7	226.7	29.7	21.6	20.4	342.4	343.7	0.3	54.8	37.3	44.
41.6	93.0	10922.5	250.0	-41.7	-54.9	233.4	29.8	23.9	17.8	344.1	999.9	99.9	555.9	42.1	44.
44.4	94.4	11477.9	225.0	-47.8	90.9	230.8	31.4	24.2	17.2	345.3	999.9	99.9	999.9	47.3	46.
47.9	98.2	12149.4	200.0	-53.0	59.9	231.2	31.1	24.3	19.5	348.5	999.9	99.9	999.9	53.8	47.
52.0	104.6	13247.2	175.0	-57.7	59.9	238.9	24.2	20.7	12.5	348.7	999.9	99.9	999.9	60.7	47.
55.1	113.0	14200.9	150.0	-65.7	59.9	238.5	22.9	15.7	10.6	356.5	999.9	99.9	999.9	68.1	48.
60.3	116.3	15297.8	125.0	-70.8	59.9	228.7	20.4	14.6	9.9	366.7	999.9	99.9	999.9	72.3	47.
65.0	121.3	16602.3	100.0	-73.4	59.0	194.1	11.5	3.7	11.3	385.6	999.9	99.9	999.9	76.8	47.
71.7	131.7	14331.1	75.0	-64.7	59.9	142.6	7.7	-4.7	6.1	437.4	999.9	99.9	999.9	80.0	45.
81.3	142.3	20527.9	50.0	-64.7	59.9	119.9	8.7	-7.8	3.8	510.4	999.9	99.9	999.9	76.9	44.
96.5	153.5	25357.6	25.0	-68.3	59.9	78.4	13.4	-13.2	-2.5	646.1	999.9	99.9	999.9	70.5	39.

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

STAT -M NO. 353
OKLAHOMA CITY, OKLAHOMA
8 JUNE 1979
805 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEB PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WZ RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	392.0	960.7	22.0	22.9	170.0	4.6	-0.8	4.5	201.6	350.8	18.6	88.0	0.0	0.
0.0	99.9	69.9	1000.0	55.9	52.9	99.9	99.9	99.9	99.9	99.5	999.9	55.9	999.9	999.9	999.
0.3	11.3	491.1	575.0	59.9	59.9	99.9	99.5	99.9	99.9	94.5	999.9	99.9	999.9	999.9	994.
1.2	13.5	726.3	525.0	25.1	24.1	180.0	16.2	1.7	16.1	302.7	356.2	20.3	98.0	0.5	3.
2.2	15.9	966.5	900.0	21.8	21.2	183.9	18.5	6.6	17.9	303.7	356.1	19.7	96.3	1.2	6.
3.0	18.3	1212.0	675.0	22.1	20.5	208.6	23.7	9.9	21.5	306.2	352.8	18.2	96.0	2.3	13.
4.0	20.7	1465.6	650.0	22.0	17.9	222.0	20.6	13.8	20.3	309.2	351.6	15.4	92.7	3.6	20.
5.1	23.2	1725.9	625.0	21.7	15.6	218.7	15.0	9.4	11.7	311.6	349.9	13.7	68.4	6.1	29.
6.2	25.7	1992.9	600.0	20.6	9.5	212.0	12.4	6.7	10.6	313.1	349.0	9.4	45.1	6.9	31.
7.3	28.2	2266.7	775.0	16.7	8.6	223.5	11.3	7.3	6.6	313.5	349.0	9.1	51.7	7.7	30.
8.3	30.7	2547.4	750.0	16.7	8.3	233.1	8.7	6.9	5.2	314.7	338.0	8.0	56.3	8.3	31.
9.4	33.3	2835.5	725.0	14.1	6.4	229.0	6.5	5.6	5.6	315.2	339.1	8.4	59.5	8.8	31.
10.6	36.0	3130.7	700.0	11.7	0.7	223.1	6.1	5.7	5.7	315.2	332.6	5.8	46.8	9.3	36.
11.7	38.7	3424.2	675.0	5.4	-1.2	217.9	7.0	4.3	5.5	316.2	331.7	5.2	47.5	9.9	36.
12.9	41.4	3718.2	650.0	7.2	-2.9	207.2	6.4	2.9	5.7	317.1	331.5	4.6	48.4	10.3	36.
14.1	44.1	4017.4	625.0	4.2	-4.2	205.9	5.2	2.2	4.7	317.2	330.9	4.5	51.2	10.8	36.
15.5	47.0	4317.9	600.0	1.1	-5.2	205.4	3.7	1.6	3.3	317.4	330.5	4.3	62.8	11.1	33.
16.9	49.9	4718.5	575.0	-2.0	-6.2	201.1	3.0	2.6	4.2	317.6	328.7	3.6	82.6	11.4	33.
18.3	52.9	5011.4	550.0	-3.5	-20.1	219.7	6.9	4.4	5.3	319.5	328.5	1.4	26.2	11.8	33.
19.3	56.0	5458.0	525.0	-5.2	-30.7	222.7	10.4	7.0	7.6	322.2	328.2	0.6	11.3	12.5	36.
20.6	59.0	5939.5	500.0	-7.7	-41.0	220.6	11.9	7.7	9.0	323.6	328.2	0.7	17.6	13.4	36.
22.0	62.3	6238.0	475.0	-8.8	-41.2	222.5	15.1	10.2	11.1	327.1	328.1	0.3	6.6	14.5	35.
23.6	65.5	6655.7	450.0	-10.8	-53.3	221.1	17.6	12.9	12.0	329.7	330.0	0.1	1.6	16.1	36.
25.4	68.9	7022.7	425.0	-12.7	-50.8	243.5	19.5	16.9	9.6	332.7	333.0	0.1	2.8	17.9	36.
27.5	71.4	7453.2	400.0	-15.0	-42.2	231.9	22.3	17.5	13.7	335.6	336.4	0.2	7.6	23.4	41.
29.2	74.0	7939.1	375.0	-17.9	-41.0	220.5	20.8	13.5	15.8	338.6	339.0	0.3	11.1	22.6	41.
31.1	76.8	8530.2	350.0	-22.9	-26.0	219.7	25.4	16.2	19.5	337.6	339.8	0.5	28.9	25.1	41.
33.1	81.7	9390.0	325.0	-26.6	-35.2	221.4	28.4	18.8	21.3	340.6	342.2	0.6	43.9	28.5	41.
35.5	87.8	9663.5	300.0	-30.8	-41.0	221.0	28.3	16.5	21.3	342.6	343.4	0.3	35.7	32.5	41.
37.7	92.2	10171.9	275.0	-35.5	-47.9	221.9	28.5	19.0	21.2	343.8	346.5	0.2	26.5	36.2	41.
40.1	96.7	10930.0	250.0	-41.5	-51.9	223.1	29.2	20.8	20.8	346.4	349.5	99.9	99.9	40.5	41.
43.2	101.6	11635.8	225.0	-47.0	-59.9	228.5	29.8	21.7	20.5	346.5	352.9	99.9	99.9	46.0	42.
46.7	106.8	12404.1	200.0	-53.6	-59.9	231.9	29.6	23.3	16.3	347.9	359.9	99.9	99.9	52.4	42.
49.9	112.5	13279.2	175.0	-52.5	-99.9	231.9	23.9	18.6	15.1	356.7	359.9	99.9	99.9	57.6	43.
53.3	119.8	14216.5	150.0	-65.4	-59.9	221.3	23.6	15.6	17.8	357.4	359.9	99.9	99.9	62.3	44.
57.5	129.7	15306.2	125.0	-65.5	-59.9	233.5	25.9	20.5	15.7	369.1	359.9	99.9	99.9	69.1	44.
61.9	133.7	16414.4	100.0	-74.3	-99.9	216.0	17.5	9.8	14.5	380.2	359.9	99.9	99.9	72.6	44.
67.9	142.5	18133.1	75.0	-82.6	-99.9	136.1	6.8	-8.3	5.7	441.2	359.9	99.9	99.9	77.1	43.
76.2	152.3	20449.9	50.0	-82.2	-99.9	99.7	9.3	-9.2	1.1	506.5	359.9	99.9	99.9	74.8	41.
90.0	162.3	25225.0	25.0	-88.8	-99.9	81.4	12.4	-12.3	-1.9	644.5	359.9	99.9	99.9	69.4	36.

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

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

8 JUNE 1979
1105 GMT

159 12-0

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PBT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	A C _u
0-0	9-9	392-0	982-1	25-0	22-3	170-0	6-2	-1-1	6-1	301-2	348-9	17-9	63-0	0-0	0-
00-9	99-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	59-9	599-9	99-9	999-9	999-9	999
01-9	99-9	99-9	975-0	96-9	99-9	99-9	99-9	99-9	99-9	59-5	999-9	99-9	999-9	999-9	999
0-4	11-1	503-2	925-0	23-2	22-9	999-9	99-9	99-9	99-9	300-7	350-5	18-9	99-9	999-9	999
1-1	13-4	737-2	925-0	22-6	22-9	999-9	99-9	99-9	99-9	302-4	351-9	18-7	99-9	999-9	999
1-9	15-6	976-4	500-0	21-2	22-9	999-9	99-9	99-9	99-9	303-4	350-4	17-6	99-9	999-9	999
2-4	19-2	1-21-2	875-0	21-9	17-5	227-8	19-1	18-1	12-8	306-2	346-2	14-6	76-6	3-1	31-
3-6	23-6	1475-1	850-0	22-9	13-5	222-9	16-5	11-2	12-0	310-1	342-4	11-5	55-4	4-0	34-
4-4	23-1	1734-6	825-0	20-0	13-8	218-1	16-3	10-0	12-8	310-4	348-3	12-2	65-0	4-6	35-
5-1	23-5	2600-3	800-0	18-4	13-0	213-0	16-4	8-9	13-8	310-7	348-2	12-7	75-9	5-5	35-
5-9	23-1	2272-2	775-0	16-6	9-4	207-5	14-6	6-7	12-9	311-7	337-2	9-0	58-1	6-3	34-
6-9	23-7	2551-0	750-0	14-7	5-2	204-7	12-6	5-3	11-5	312-6	334-0	7-4	52-8	7-0	34-
7-7	31-3	2437-3	725-0	12-8	5-5	211-9	10-4	5-5	8-8	313-2	336-2	7-8	65-8	7-7	31-
9-1	36-0	3131-3	700-0	10-8	4-7	223-4	8-0	5-5	5-8	314-4	336-8	7-7	65-0	6-1	31-
10-1	31-8	3433-9	675-0	8-1	3-7	225-7	6-5	6-1	5-9	314-7	336-4	7-4	73-5	6-8	34-
11-3	41-4	3744-9	650-0	6-2	-3-1	221-1	7-3	4-8	5-5	315-5	330-0	4-7	51-3	9-4	35-
12-6	43-3	4264-7	625-0	3-2	-8-7	212-0	6-7	3-5	6-6	316-1	329-1	4-3	58-2	9-5	35-
14-0	47-2	4353-9	600-0	0-1	-7-2	212-8	6-4	4-6	7-1	316-2	327-7	3-8	58-0	10-5	34-
15-4	50-1	4733-9	575-0	-1-1	-10-9	237-2	6-5	5-4	3-5	318-7	323-5	1-5	28-7	11-3	35-
16-8	51-1	5087-0	550-0	-3-4	-10-2	236-	6-2	5-5	3-6	320-1	325-0	1-5	28-1	11-6	36-
18-2	54-3	5453-2	525-0	-5-9	-11-0	218-8	10-4	6-5	6-1	321-2	325-6	1-3	27-5	12-3	36-
19-6	54-4	5934-2	500-0	-7-2	-11-0	228-5	14-2	10-3	9-7	324-2	325-8	0-4	9-6	1-2	37-
21-1	62-6	6233-0	475-0	-8-2	-10-7	222-8	17-1	11-6	12-6	327-6	328-8	0-3	6-4	1-8	38-
22-6	65-0	6650-4	450-0	-11-2	-11-3	221-7	16-2	10-8	12-1	329-5	330-1	0-2	6-1	16-5	38-
24-6	69-4	7087-8	425-0	-13-2	-11-9	229-9	16-5	12-6	10-6	332-1	332-9	0-2	6-9	18-2	39-
26-1	71-0	7546-4	400-0	-14-9	-12-2	226-5	17-9	13-0	12-9	333-1	337-7	1-3	52-6	19-9	40-
28-0	74-7	8028-2	375-0	-20-6	-15-4	224-2	19-0	13-7	14-1	334-2	338-7	1-3	65-1	21-8	40-
29-7	74-6	8354-3	350-0	-23-9	-16-7	223-9	23-7	14-5	17-1	336-2	338-6	0-8	53-5	23-9	40-
31-5	74-5	9074-0	325-0	-26-8	-18-2	222-0	26-1	17-4	19-4	339-2	342-4	0-7	54-1	26-9	41-
33-8	81-7	9646-9	300-0	-31-2	-19-3	213-0	29-1	19-7	21-1	341-4	342-9	0-4	44-3	30-4	40-
35-2	91-2	10258-2	275-0	-36-1	-14-8	211-1	23-0	12-6	19-3	342-9	344-0	0-3	42-7	33-8	39-
36-6	97-8	10912-8	250-0	-41-0	-10-9	215-0	25-4	14-6	20-8	345-1	999-9	99-9	999-9	36-9	39-
40-9	102-6	11619-6	225-0	-47-1	-5-9	223-3	29-1	20-0	21-2	346-4	999-9	99-9	999-9	40-9	39-
43-8	108-0	12388-8	200-0	-52-7	-0-9	229-2	33-0	25-0	21-6	349-4	999-9	99-9	999-9	45-9	40-
46-8	113-8	13242-2	175-0	-57-7	99-9	229-0	29-6	20-9	20-9	354-2	999-9	99-9	999-9	52-0	41-
50-1	123-0	14200-2	150-0	-64-8	99-9	228-1	21-7	8-2	20-1	358-4	999-9	99-9	999-9	56-9	40-
54-7	127-0	15295-6	125-0	-65-8	99-9	223-4	19-2	13-2	14-0	368-7	999-9	99-9	999-9	62-7	39-
59-6	133-0	16604-4	100-0	-75-2	99-9	199-5	11-7	1-9	11-5	382-2	999-9	99-9	999-9	66-9	39-
65-4	143-7	18332-3	75-0	-83-7	99-9	125-7	8-3	-6-7	4-8	409-3	999-9	99-9	999-9	68-8	39-
73-3	153-3	20838-8	50-0	-87-8	99-9	117-0	9-6	-8-5	4-3	507-2	999-9	99-9	999-9	68-2	35-
85-7	163-3	25332-9	25-0	-88-9	99-9	999-9	99-9	99-9	99-9	644-2	999-9	99-9	999-9	68-6	29-

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

STATION NO. 343
AMARILLO, TEXAS
7 JUNE 1979
1100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	OIR DC	SPEED M/SEC	U CCRP M/SEC	V COMP M/SEC	POT T DG M	Z POT T DG M	MI RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	17.2	1094.0	877.3	17.2	12.3	229.0	6.2	4.0	4.7	381.4	329.4	10.3	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.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	98.5	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	99.5	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	99.5	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	99.5	999.9	99.9	999.9	999.9	999.
0.1	17.4	1116.6	875.0	17.8	12.7	224.4	12.6	8.8	9.0	322.2	331.2	10.7	72.2	0.0	9.
1.0	19.7	1307.7	850.0	22.5	11.6	249.3	22.8	21.4	8.1	310.8	337.5	10.2	47.8	1.0	55.
2.1	22.0	1629.8	825.0	25.6	5.3	269.2	16.0	16.0	0.5	315.4	337.0	7.3	29.2	2.1	70.
3.1	24.4	1898.8	800.0	24.0	3.8	263.6	12.4	12.4	1.3	316.7	335.8	6.3	27.0	2.9	75.
4.1	26.7	2176.2	775.0	22.2	1.4	261.1	9.7	9.7	1.5	317.7	336.1	5.5	25.2	3.6	76.
5.2	29.1	2459.9	750.0	20.1	-0.5	268.5	5.1	9.1	0.6	318.4	333.3	4.9	25.1	4.2	77.
6.2	31.5	2750.7	725.0	17.6	-1.6	271.0	7.9	7.9	-0.1	318.7	333.0	4.7	27.0	4.7	78.
7.4	33.9	3048.6	700.0	14.8	-2.5	267.2	8.8	8.8	0.4	318.5	332.7	4.6	30.1	5.2	80.
8.4	36.4	3354.9	675.0	11.9	-4.2	264.6	8.9	8.9	0.5	318.5	331.7	4.2	32.4	5.9	80.
9.4	34.9	3669.1	650.0	9.2	-4.8	271.6	8.8	8.8	-0.2	319.4	332.0	4.1	36.6	6.5	81.
11.0	41.5	3952.8	625.0	6.4	-6.4	267.5	7.9	7.9	0.3	319.4	331.2	3.8	39.5	7.1	82.
12.5	44.1	4325.9	600.0	3.3	-6.7	252.7	7.0	6.7	2.1	319.5	331.8	3.9	47.6	7.7	82.
13.7	46.9	4669.5	575.0	0.3	-8.9	249.7	6.1	5.8	2.1	323.2	330.9	3.4	50.1	8.2	81.
15.2	49.6	5024.4	550.0	-2.8	-9.7	263.9	6.3	6.2	0.7	320.7	331.2	3.3	59.0	8.7	81.
16.6	52.4	5391.9	525.0	-5.3	-13.0	278.1	6.5	6.5	-0.5	322.1	330.7	2.7	54.6	9.3	81.
18.0	55.3	5773.9	500.0	-6.7	-22.6	259.6	6.4	6.3	1.2	324.4	329.0	1.2	27.0	9.8	82.
19.5	58.3	6172.8	475.0	-9.1	-25.5	262.7	3.7	3.7	0.5	326.4	330.2	1.0	24.7	10.3	82.
21.1	61.3	6589.0	450.0	-11.7	-39.9	319.1	1.7	1.1	-1.3	328.4	329.5	0.3	7.5	10.5	82.
23.0	64.4	7023.5	425.0	-18.5	-40.7	317.3	1.9	1.3	-1.4	329.1	330.0	0.3	5.3	10.6	83.
24.5	67.6	7477.4	400.0	-15.5	-44.3	272.6	2.5	2.5	-0.1	329.7	330.4	0.2	8.9	12.7	83.
26.7	71.0	7953.4	375.0	-22.8	-33.1	278.7	7.2	7.1	-1.1	331.1	333.7	0.6	32.0	11.2	84.
29.7	74.4	8456.7	350.0	-26.1	-37.1	277.1	10.2	10.2	-1.3	333.1	334.9	0.4	28.3	12.3	85.
30.8	78.0	8988.0	325.0	-30.2	-44.2	272.6	10.2	10.2	-0.5	335.0	335.9	0.2	23.8	13.6	86.
33.0	81.7	9533.5	300.0	-34.4	-50.5	256.6	10.4	9.7	2.3	336.9	337.4	0.1	17.4	14.9	86.
35.3	85.5	10156.4	275.0	-38.7	-54.5	238.1	13.0	11.0	6.9	339.2	339.6	0.1	16.7	16.2	84.
37.7	89.7	10807.0	250.0	-41.7	59.9	238.7	25.1	21.4	13.0	344.0	349.9	95.9	995.9	18.8	81.
40.1	94.9	11513.2	225.0	-46.5	59.9	249.2	37.8	34.6	15.3	347.2	349.9	99.9	999.9	23.0	77.
43.1	98.7	12267.1	200.0	-51.7	59.9	247.2	45.9	37.7	15.8	350.4	349.9	80.9	559.9	30.5	75.
46.5	133.8	13143.7	175.0	-56.7	99.9	243.4	42.2	37.6	18.9	356.2	349.9	99.9	999.9	38.7	73.
49.4	139.3	14107.2	150.0	-62.8	59.9	241.1	42.9	38.0	18.8	361.5	349.9	99.9	999.9	47.2	71.
53.8	145.3	15221.9	125.0	-64.4	59.9	242.0	28.9	25.5	13.6	378.4	349.9	95.9	999.9	55.9	70.
58.5	173.3	16373.1	100.0	-65.3	59.9	242.6	14.3	12.7	6.8	401.2	349.9	99.9	999.9	61.9	70.
63.9	130.3	16317.9	75.0	-64.3	59.9	165.4	7.5	-1.4	7.4	438.1	349.9	55.9	999.9	61.3	68.
72.0	143.5	20556.6	50.0	-57.4	59.9	105.6	6.7	-6.4	1.9	508.4	349.9	59.9	999.9	63.4	67.
84.1	152.0	25376.3	25.0	-45.3	99.9	93.9	10.4	-10.4	0.7	654.1	349.9	55.9	999.9	58.7	63.

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. J63
AMARILLO, TEXAS
7 AUGUST 1978
1705 GMT

TIME MIN	ENTCT	HEIGHT GFM	PRES MB	TEMP DE C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG F	E POT T DG K	MF ATO GMAKG	RM PCY	RANGE KM	AZ DG
0.0	17.8	1036.0	882.1	23.3	15.6	360.0	5.7	1.9	-5.4	307.2	342.4	12.8	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	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
0.2	18.4	1164.5	875.0	21.4	14.1	363.3	5.9	1.7	-5.6	306.0	338.1	11.7	63.2	0.2	168.
1.1	20.9	1415.1	850.0	18.5	13.4	345.5	5.6	1.4	-5.5	305.1	337.8	11.8	73.8	0.4	168.
1.9	23.4	1671.0	825.0	16.3	12.3	351.9	5.1	0.7	-5.0	305.5	336.2	11.0	77.3	0.7	167.
2.7	25.8	1934.4	800.0	20.8	4.8	336.6	5.4	2.2	-5.0	313.4	330.4	6.9	36.9	1.0	168.
3.6	29.5	2208.7	775.0	20.4	0.1	316.1	8.0	5.6	-5.8	315.8	330.7	5.0	25.6	1.3	161.
4.5	31.0	2490.9	750.0	19.2	-1.9	299.1	8.2	7.2	-4.0	317.5	231.3	4.6	24.5	1.7	154.
5.3	33.6	2780.9	725.0	16.9	-2.0	271.3	8.0	8.0	-0.2	318.0	231.9	4.6	27.3	2.0	145.
6.3	36.3	3078.6	700.0	14.3	-3.3	250.1	8.5	8.0	2.9	318.2	231.4	4.3	29.5	2.2	133.
7.3	39.9	3344.1	675.0	11.9	-4.6	240.7	8.9	7.7	4.3	319.0	231.3	4.0	31.2	2.4	122.
8.2	41.7	3649.4	650.0	8.8	-5.2	237.6	9.0	7.6	4.8	319.0	231.2	4.0	27.5	2.7	113.
9.2	44.4	4021.3	625.0	5.7	-6.1	236.3	9.2	7.7	5.1	319.0	231.0	3.9	62.3	3.0	104.
10.3	47.3	4333.7	600.0	2.4	-6.8	237.8	10.0	8.5	5.3	319.2	230.2	3.4	50.0	3.5	96.
11.4	50.2	4696.3	575.0	-0.4	-6.7	237.8	10.0	8.5	5.3	319.2	230.2	3.4	53.4	4.0	90.
12.5	53.2	5050.0	550.0	-3.7	-10.4	233.8	8.6	7.0	5.1	319.7	229.5	3.2	59.8	4.5	86.
13.7	56.3	5415.5	525.0	-6.9	-15.4	239.5	5.1	7.8	4.6	320.1	229.1	2.2	50.8	5.1	87.
14.9	59.4	5795.6	500.0	-7.5	-23.3	242.3	9.9	6.7	4.6	323.5	227.8	1.2	26.8	5.8	80.
16.2	62.6	6197.9	475.0	-8.9	-24.0	229.7	8.6	6.6	5.6	326.5	229.7	0.8	19.5	6.4	75.
17.5	65.9	6610.0	450.0	-12.3	-26.2	220.6	8.6	5.6	6.5	327.6	230.7	0.8	25.0	7.0	74.
18.9	69.3	7044.0	425.0	-16.1	-30.5	222.0	10.3	6.9	7.6	326.4	230.9	0.7	27.5	7.6	71.
20.2	72.7	7457.6	400.0	-15.5	-33.7	221.0	10.4	6.8	7.9	329.7	231.7	0.5	26.9	8.4	64.
21.5	76.3	7923.7	375.0	-23.1	-39.9	227.0	9.5	7.0	6.5	331.0	232.2	0.3	19.7	9.1	60.
23.1	80.1	8475.9	350.0	-24.2	-42.0	229.6	10.4	7.9	6.7	333.4	234.4	0.3	20.9	10.0	63.
24.7	84.0	9007.6	325.0	-30.4	-46.8	231.1	11.4	8.9	7.2	334.5	235.5	0.2	18.2	11.0	63.
26.4	87.2	9572.4	300.0	-34.0	-51.5	230.9	16.1	14.0	11.4	337.5	237.9	0.1	15.0	12.3	62.
28.1	92.4	10187.3	275.0	-35.1	-54.9	235.2	30.4	25.0	17.4	344.2	244.7	0.1	11.0	14.8	60.
29.9	97.0	10838.7	250.0	-40.8	99.9	241.6	37.0	33.6	17.6	348.7	249.9	55.9	95.9	18.5	60.
32.0	101.8	11548.5	225.0	-45.6	99.9	241.8	41.4	30.5	19.6	348.7	249.9	99.9	99.9	23.6	61.
34.4	107.0	12324.3	200.0	-45.8	99.9	237.9	43.2	34.6	23.0	355.9	249.5	99.9	99.9	29.6	60.
36.7	112.8	13164.3	175.0	-57.1	99.9	239.0	45.0	38.6	23.2	355.7	249.5	99.9	99.9	35.7	60.
39.4	119.0	14163.0	150.0	-64.4	99.9	242.2	39.2	34.7	14.3	359.1	249.9	99.9	99.9	43.0	67.
42.4	126.0	15250.9	125.0	-65.4	99.9	245.4	27.3	28.8	11.4	376.5	249.9	99.9	99.9	44.8	60.
46.0	134.0	16597.4	100.0	-65.0	99.9	245.4	15.7	10.9	11.4	376.5	249.9	99.9	99.9	52.9	61.
50.4	143.0	18337.4	75.0	-62.9	99.9	187.6	7.6	1.0	7.6	441.0	249.9	99.9	99.9	55.9	59.
56.4	153.5	20862.4	50.0	-54.2	99.9	124.3	7.5	-3.9	4.7	511.0	249.9	99.9	99.9	55.7	50.
67.0	164.3	25393.1	25.0	-47.6	99.9	99.9	99.9	99.9	99.9	648.2	249.9	99.9	99.9	52.8	52.

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME MAY BE DEFN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS
7 JUNE 1979
2300 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT Y DEG K	MX WTD GM/KG	RM PCT	RANGE AZ KM	AZ DEG
0.0	17.0	1096.0	852.7	27.8	17.3	360.0	2.1	0.7	-2.0	311.9	351.0	14.3	53.0	0.0	0.
00.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	975.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
3.2	17.7	1171.8	875.0	26.5	16.9	368.9	1.5	0.3	-1.5	311.2	350.3	14.0	55.0	0.0	112.
1.1	20.1	1426.7	850.0	23.1	15.0	350.0	0.8	0.1	-0.7	310.4	345.8	12.7	60.2	0.1	105.
2.1	21.4	1687.0	825.0	21.1	14.5	65.2	1.1	-1.0	-0.4	310.5	346.4	12.0	66.3	0.1	103.
2.9	24.8	1953.1	800.0	19.5	10.6	150.5	2.2	-1.1	1.9	311.5	341.0	10.3	57.3	0.1	218.
4.0	27.1	2220.6	775.0	19.2	1.5	220.0	3.5	2.3	2.7	316.4	333.2	5.5	30.7	0.1	341.
5.2	29.5	2507.7	750.0	18.1	-1.7	252.0	4.8	4.6	1.5	316.2	329.0	4.5	26.0	0.3	55.
6.5	32.0	2756.5	725.0	16.0	-3.4	227.6	6.0	4.4	4.0	317.0	329.7	4.1	26.3	0.7	58.
7.7	34.5	3093.4	700.0	13.6	-3.7	231.9	8.7	6.8	5.3	317.6	330.2	4.2	29.8	1.2	52.
8.4	37.0	3399.0	675.0	10.4	-2.9	247.1	10.2	9.4	4.0	317.5	331.3	4.6	38.5	1.9	55.
9.9	39.6	3711.4	650.0	8.3	-5.5	253.3	9.8	9.4	2.8	316.4	330.3	3.9	36.9	2.5	60.
11.2	42.3	4033.7	625.0	5.2	-7.7	255.8	5.4	9.1	2.3	318.4	329.0	3.4	39.8	3.3	63.
12.6	45.0	4365.4	600.0	2.3	-6.1	256.6	10.8	10.5	2.5	316.7	329.4	3.5	46.1	4.0	66.
13.7	47.7	4707.8	575.0	-0.7	-7.8	250.2	12.3	11.5	4.2	319.1	330.5	3.7	58.6	4.8	67.
15.2	50.6	5061.4	550.0	-3.5	-6.3	245.9	12.7	11.6	5.2	320.0	333.3	4.3	80.5	5.9	67.
16.7	53.4	5428.8	525.0	-5.0	-14.9	233.5	12.7	10.2	7.5	322.4	329.9	2.3	46.0	7.1	66.
18.1	56.3	5810.5	500.0	-7.3	-27.0	215.2	13.1	7.6	10.7	328.4	327.1	0.9	19.5	8.0	63.
19.5	59.4	6208.5	475.0	-9.6	-17.7	220.9	17.7	8.3	9.6	326.1	327.9	0.5	13.2	9.0	60.
20.9	62.5	6624.6	450.0	-12.7	-36.7	225.0	12.5	8.0	8.9	327.2	328.5	0.4	11.3	10.1	59.
22.6	65.6	7057.1	425.0	-16.0	-37.5	218.4	14.5	9.0	11.4	328.6	329.8	0.4	13.6	11.3	56.
24.3	68.9	7510.3	400.0	-19.4	-39.3	221.6	16.6	11.0	12.4	329.4	331.0	0.3	15.2	12.9	54.
26.1	72.3	7986.7	375.0	-22.3	-42.2	229.6	20.1	15.3	15.0	332.1	333.0	0.2	14.4	14.8	53.
27.0	75.9	8490.8	350.0	-25.0	-47.1	228.5	28.4	21.3	18.8	335.1	335.7	0.2	10.6	17.5	53.
27.9	79.5	9078.1	325.0	-27.0	-49.3	226.7	34.9	26.2	23.1	339.4	339.9	0.1	9.9	21.1	52.
32.0	81.3	9599.7	300.0	-31.8	-50.1	228.2	39.2	29.2	26.1	340.6	341.1	0.1	14.3	25.9	51.
34.5	87.3	10207.8	275.0	-37.0	-53.5	227.1	37.5	27.5	25.5	341.6	341.9	0.1	16.0	31.6	51.
36.9	91.5	10961.5	250.0	-40.6	-59.9	224.0	39.2	27.7	27.7	343.7	349.9	99.9	99.9	37.0	50.
39.3	95.8	11571.5	225.0	-45.8	-69.9	228.1	45.8	33.7	30.3	348.2	399.9	99.9	99.9	43.2	49.
42.1	103.6	12348.8	200.0	-52.2	-59.9	231.9	42.5	33.9	26.3	350.1	399.9	99.9	99.9	50.6	49.
45.2	109.6	13195.6	175.0	-58.7	-59.9	237.9	39.7	33.7	21.1	350.0	399.9	99.9	99.9	58.8	50.
48.5	111.3	14151.4	150.0	-65.1	-99.9	230.4	38.5	29.6	24.0	358.0	399.9	99.9	99.9	66.7	51.
52.2	117.3	15250.0	125.0	-62.1	-99.9	227.6	22.3	16.4	15.0	371.6	399.9	99.9	99.9	72.3	50.
55.6	124.3	16579.2	100.0	-65.6	-59.9	201.6	18.7	6.9	17.4	393.3	399.9	99.9	99.9	79.2	51.
62.4	132.3	18331.5	75.0	-61.4	-99.9	187.2	8.4	-1.9	8.2	448.2	399.9	99.9	99.9	81.6	50.
70.4	142.5	20850.5	50.0	-58.7	-59.9	121.0	6.0	-5.1	3.1	508.1	399.9	99.9	99.9	82.5	48.
83.2	155.5	25380.9	25.0	-47.2	-99.9	82.7	12.0	-11.9	-1.5	649.3	399.9	99.9	99.9	79.3	44.

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

STATION NO. 363
AMARILLO, TEXAS
8 JUNE 1979
500 GHT

109 13. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	WIND CM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.9	1099.0	866.2	25.0	13.2	120.0	6.2	-7.1	4.1	308.4	339.2	10.9	48.0	0.0	0.0
00.0	09.9	99.9	1000.6	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
01.0	09.9	99.9	575.6	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
02.0	09.9	99.9	950.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
03.0	09.9	99.9	925.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
04.0	09.9	99.9	900.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
05.0	17.7	1199.9	875.0	27.4	7.6	155.3	7.3	-3.9	8.4	312.2	338.1	7.6	28.1	0.3	309.9
06.0	20.0	1493.1	850.0	27.6	5.6	162.7	9.3	-2.0	6.9	315.1	334.6	6.7	24.3	0.6	325.9
07.0	22.3	1706.6	825.0	26.8	4.3	180.0	9.5	-0.0	9.5	316.1	334.6	6.3	24.7	1.1	317.9
08.0	24.7	1976.1	800.0	23.7	3.4	189.6	10.3	1.7	10.1	316.4	334.6	6.1	26.6	1.7	347.9
09.0	27.1	2241.8	775.0	21.1	2.4	192.8	11.1	2.5	10.9	316.2	334.6	5.9	29.1	2.3	354.9
10.0	29.5	2536.2	750.0	18.6	2.3	205.4	11.9	5.1	10.6	316.7	334.6	6.0	33.6	2.9	359.9
11.0	32.0	2823.6	725.0	15.0	3.4	213.5	14.3	7.9	11.9	316.4	336.9	6.8	43.5	3.6	7.9
12.0	34.5	3120.5	700.0	12.9	3.7	215.8	15.2	8.9	12.3	316.6	337.9	7.2	53.5	4.6	12.9
13.0	37.0	3426.9	675.0	10.3	1.0	226.6	15.7	11.4	10.8	317.2	336.5	6.5	55.8	5.4	17.9
14.0	39.6	3736.1	650.0	7.7	-0.8	235.2	15.9	13.0	9.1	317.7	336.3	5.6	54.7	6.4	23.9
15.0	42.2	4050.1	625.0	4.8	-2.3	237.1	15.1	12.7	8.2	317.5	333.5	5.2	60.0	7.5	28.9
16.0	44.9	4391.7	600.0	2.3	-4.5	236.3	16.5	13.7	9.2	318.4	332.7	4.6	60.8	8.5	32.9
17.0	47.7	4718.3	575.0	-0.4	-6.6	235.1	17.4	14.3	9.9	319.2	332.0	4.1	63.0	9.6	35.9
18.0	50.6	5089.3	550.0	-3.3	-10.2	231.6	17.3	13.5	10.7	320.2	330.2	3.2	58.6	10.6	37.9
19.0	53.4	5494.6	525.0	-6.3	-16.5	230.7	16.9	13.6	10.1	320.6	330.8	3.2	70.5	12.0	39.9
20.0	56.3	5936.4	500.0	-9.5	-16.9	222.7	18.0	13.9	11.4	321.2	328.3	2.1	56.2	13.2	40.9
21.0	59.3	6229.1	475.0	-13.0	-14.9	222.7	17.5	11.9	12.9	321.6	329.9	2.5	86.2	14.5	41.9
22.0	62.4	6639.3	450.0	-15.7	-19.9	221.0	16.0	10.5	12.1	322.5	329.9	2.0	76.6	15.8	41.9
23.0	65.6	7079.1	425.0	-18.9	-27.1	219.6	15.5	9.9	13.7	323.4	330.7	1.0	60.8	17.1	41.9
24.0	68.9	7528.2	400.0	-19.0	-35.2	220.9	16.2	11.9	13.0	330.2	332.1	0.5	23.5	18.5	40.9
25.0	72.3	8008.7	375.0	-21.7	-38.6	229.9	26.4	21.7	16.3	332.9	334.2	0.4	20.0	20.7	41.9
26.0	75.9	8506.0	350.0	-24.7	-42.0	227.6	36.2	28.7	24.4	335.2	336.5	0.3	18.2	24.5	43.9
27.0	79.4	9042.8	325.0	-27.6	-44.2	226.0	36.1	29.1	26.0	338.7	339.6	0.2	18.6	28.5	43.9
28.0	83.0	9613.0	300.0	-32.3	-41.0	221.6	37.2	24.7	27.0	339.4	340.4	0.2	19.2	32.6	43.9
29.0	87.3	10220.9	275.0	-37.1	-51.5	215.2	38.3	22.1	31.3	341.5	342.0	0.1	20.5	36.6	42.9
30.0	91.5	10871.8	250.0	-42.7	-59.9	210.8	42.9	21.8	36.5	344.2	344.2	99.9	999.9	41.6	41.9
31.0	96.0	11576.2	225.0	-47.2	59.9	212.0	44.5	21.6	37.8	346.2	346.2	99.9	999.9	47.5	40.9
32.0	100.8	12348.9	200.0	-52.8	99.9	220.7	44.3	28.9	33.6	348.2	348.2	99.9	999.9	53.9	39.9
33.0	105.8	13191.2	175.0	-57.9	99.9	219.0	39.0	24.5	30.3	350.4	349.9	99.9	999.9	60.9	40.9
34.0	111.5	14153.7	150.0	-64.6	99.9	207.0	32.4	14.7	28.9	358.6	349.9	99.9	999.9	66.1	39.9
35.0	117.5	15256.2	125.0	-67.4	99.9	223.8	26.2	18.1	18.9	370.7	349.9	99.9	999.9	70.5	39.9
36.0	124.7	16575.0	100.0	-72.8	99.9	189.4	17.4	2.9	17.2	388.7	349.9	99.9	999.9	74.0	39.9
37.0	131.0	18310.7	75.0	-64.6	99.9	153.7	9.0	-4.0	6.0	437.4	349.9	99.9	999.9	76.3	37.9
38.0	143.0	20520.0	50.0	-57.5	99.9	98.2	9.2	-9.1	1.0	507.4	349.9	99.9	999.9	75.4	34.9
39.0	156.5	25320.0	25.0	-42.4	99.9	999.9	99.9	99.9	99.9	648.2	349.9	99.9	999.9	71.9	32.9

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

STATION NO. 363
AMARILLO, TEXAS
8 JUNE 1979
000 CH1

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Y DEG R	E POT Y DEG I	HI RFD CM/KC	RH PCT	RANGE KM	AZ DEG
0.0	16.3	1094.0	895.0	17.2	15.5	50.0	6.2	-6.3	-9.3	300.7	334.6	12.7	90.0	0.0	0.
00.0	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	9.9	99.6	999.9	99.0	999.9	999.9	999.9
00.0	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	999.9	99.0	999.9	999.9	999.9
00.0	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	999.9	99.0	999.9	999.9	999.9
00.0	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	999.9	99.0	999.9	999.9	999.9
0.4	17.2	1191.8	874.0	16.1	14.2	90.8	14.4	-14.4	0.2	303.7	335.5	11.7	73.0	0.3	239.
1.2	19.6	1481.9	850.0	14.4	12.6	92.6	7.4	-7.4	0.3	368.2	336.5	10.9	64.7	0.8	249.
2.3	27.0	1659.7	825.0	12.6	9.0	154.6	1.7	-0.7	1.5	310.4	335.3	8.8	47.5	0.9	262.
3.5	24.5	1965.5	800.0	15.5	7.1	191.7	4.4	0.9	4.3	212.6	334.8	6.0	44.5	0.9	275.
4.6	24.9	2274.1	775.0	18.1	5.9	195.5	7.2	1.9	6.9	313.2	335.2	7.6	44.9	0.9	297.
5.4	24.4	2517.9	750.0	14.8	5.7	159.4	5.8	3.3	9.3	313.7	336.0	7.7	51.3	1.1	323.
6.4	32.0	2408.8	725.0	13.2	7.3	200.6	11.8	4.2	11.1	314.2	339.6	8.9	67.5	1.5	343.
7.3	34.6	2059.8	700.0	11.8	2.4	211.2	13.2	6.8	11.3	315.2	334.7	6.5	52.1	2.1	356.
8.3	37.2	3403.1	675.0	5.3	0.9	219.2	15.1	9.6	11.7	316.1	334.0	6.1	55.5	2.4	7.
9.3	42.0	3715.1	650.0	4.6	0.5	226.1	17.2	12.4	12.0	316.4	334.6	6.2	65.2	3.6	16.
10.3	42.7	4036.3	625.0	4.1	-2.9	232.9	17.5	14.0	10.6	317.1	332.0	5.0	60.2	4.5	24.
11.6	45.7	4366.9	600.0	0.9	-4.6	235.6	17.9	14.5	9.9	317.2	330.9	4.5	66.4	5.7	31.
12.7	44.5	4765.1	575.0	-1.4	-9.0	232.9	17.5	14.0	10.6	318.2	328.7	3.4	56.2	6.8	35.
13.9	51.4	5080.7	550.0	-4.5	-10.2	225.2	17.8	12.6	12.5	318.2	325.7	3.2	64.1	8.0	37.
14.9	46.5	5425.3	525.0	-7.5	-11.0	215.3	17.1	9.9	13.9	319.2	329.3	3.2	75.7	9.1	38.
16.1	57.6	5903.2	500.0	-7.4	-34.4	211.1	17.0	8.8	14.6	324.0	326.2	0.7	15.8	10.3	37.
17.4	60.0	6203.0	475.0	-5.7	-34.4	212.3	19.0	10.1	16.1	326.0	327.4	0.4	11.1	11.7	37.
18.4	44.1	6618.6	450.0	-11.9	-34.1	206.3	17.2	7.6	15.5	328.3	330.0	0.5	13.8	13.3	36.
20.1	67.6	7054.0	425.0	-15.8	-37.1	213.2	15.3	8.4	12.8	329.2	331.9	0.6	21.5	14.5	35.
21.4	71.0	7510.5	400.0	-17.4	-34.3	226.0	18.8	13.5	13.1	332.4	334.3	0.5	21.1	16.1	35.
23.3	74.7	7991.5	375.0	-20.8	-37.5	226.6	26.2	19.0	18.0	336.1	335.6	0.4	20.5	18.0	37.
24.5	74.5	8497.4	350.0	-24.9	-42.0	222.4	25.1	21.7	23.7	335.2	336.3	0.3	16.4	20.2	38.
26.0	87.5	9031.3	325.0	-25.2	-46.7	219.3	34.8	23.3	28.5	336.4	337.1	0.2	16.5	23.2	39.
27.7	86.7	9558.9	300.0	-33.2	-49.1	218.2	38.6	23.9	30.3	338.2	339.1	0.1	18.4	27.2	38.
29.4	91.0	10208.3	275.0	-37.7	-49.1	213.5	38.3	21.1	31.9	340.2	339.1	0.1	22.5	32.0	38.
31.9	95.6	10453.4	250.0	-43.7	99.9	209.5	42.6	21.0	37.0	341.1	399.9	99.9	999.9	37.0	37.
34.1	100.6	11557.0	225.0	-47.1	99.9	209.5	42.7	21.0	37.1	346.4	999.9	99.9	999.9	42.4	36.
36.2	105.8	12329.2	200.0	-52.3	99.9	212.0	44.0	23.4	37.3	350.6	999.9	99.9	999.9	47.9	35.
38.8	111.8	13181.3	175.0	-57.6	99.9	207.3	34.9	17.8	34.4	354.2	999.9	99.9	999.9	54.6	35.
41.2	114.0	14143.6	150.0	-61.3	99.9	204.9	38.0	16.0	34.5	344.2	999.9	99.9	999.9	59.4	34.
43.3	125.0	15232.3	125.0	-65.2	99.9	213.6	28.3	16.2	24.4	365.6	999.9	99.9	999.9	64.1	34.
45.4	133.0	16505.8	100.0	-73.4	99.9	207.5	17.4	8.0	15.4	395.9	999.9	99.9	999.9	68.8	34.
48.9	93.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	999.9	99.9	999.9	999.9	999.9
49.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	999.9	99.9	999.9	999.9	999.9
50.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.6	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 363
AMARILLO, TEXAS

8 JUNE 1978
1100 GMT

153 23. 0

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DRW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DEG K	S POT Y DEG K	HK ATO GPH/KG	RM PCT	RANGE KM	AZ DEG
00	18.0	1098.0	807.0	15.0	14.5	45.0	6.2	-5.0	-5.0	298.6	320.2	11.8	53.0	0.0	0.
00.0	09.0	1000.0	800.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	00.0	00.0	075.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	09.0	00.0	050.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	09.0	00.0	025.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.0	09.0	000.0	000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.4	19.2	1210.0	875.0	15.1	14.6	49.3	12.0	-9.7	-8.4	299.4	321.6	12.1	57.2	0.4	22.0
1.4	21.0	1450.1	850.0	15.0	14.0	65.1	11.6	-10.5	-4.9	302.7	326.7	12.6	54.3	1.1	23.1
2.4	20.1	1711.5	825.0	16.0	15.0	57.5	7.4	-7.3	1.0	306.3	344.4	14.0	54.0	1.6	24.0
3.5	20.0	1974.4	800.0	15.5	14.8	147.1	4.6	-2.5	3.9	307.7	344.5	13.4	55.7	1.9	24.0
4.4	20.4	2244.0	775.0	13.0	11.8	145.1	6.3	1.6	6.1	308.6	340.2	11.4	60.3	1.0	24.0
5.6	17.1	2527.2	750.0	16.0	-1.5	213.7	11.4	6.3	9.4	214.6	328.3	4.6	28.9	1.3	27.0
6.8	14.9	2803.9	725.0	14.7	-2.7	216.2	12.6	7.1	10.4	315.6	328.6	4.3	25.0	1.3	31.7
8.1	13.7	3105.2	700.0	12.1	-4.0	210.7	14.0	7.1	12.1	315.5	328.2	4.1	32.1	1.4	34.0
9.2	00.4	3409.4	675.0	5.4	-6.6	205.0	14.0	6.1	12.6	316.1	326.8	3.5	31.5	2.6	3.0
10.7	43.3	3710.5	650.0	5.4	-4.8	205.6	13.9	6.0	12.5	316.2	326.8	4.1	44.0	3.0	10.0
12.2	46.1	4040.6	625.0	3.4	-4.8	206.5	14.2	6.3	12.7	316.2	329.2	4.3	54.8	5.0	14.0
13.9	49.1	4363.6	600.0	0.3	-5.2	208.1	14.6	6.9	12.9	316.4	329.5	4.3	60.8	6.4	17.0
15.4	52.1	4705.7	575.0	-3.1	-6.0	204.9	15.2	6.4	13.0	316.4	328.7	4.1	76.2	7.7	19.0
16.6	55.1	5050.7	550.0	-7.5	-12.7	200.6	15.3	5.6	14.3	317.2	324.2	2.8	60.7	5.1	19.0
18.1	59.3	5423.4	525.0	-8.0	-27.1	195.4	15.1	4.1	14.6	318.5	321.9	0.8	19.6	10.4	19.0
19.8	41.5	5801.6	500.0	-10.6	-55.1	203.5	16.6	8.6	15.2	320.5	321.1	0.0	1.2	11.0	19.0
21.5	64.9	6194.2	475.0	-12.3	-33.2	208.0	19.0	9.2	16.6	322.6	324.5	0.5	15.5	13.6	20.0
23.3	65.1	6600.9	450.0	-13.6	-32.5	208.6	20.5	9.8	18.0	326.2	328.1	0.5	18.4	15.7	21.0
25.0	71.7	7030.5	425.0	-14.2	-34.5	210.2	21.0	10.6	18.2	328.2	330.0	0.5	18.0	17.8	22.0
26.7	75.3	7493.5	400.0	-19.1	-43.3	212.4	21.3	11.4	18.0	330.2	331.0	0.2	9.9	20.0	23.0
28.7	78.0	7971.4	375.0	-21.6	-63.7	218.3	23.9	14.9	18.0	333.6	333.0	0.0	1.0	22.0	23.0
30.4	82.9	8475.2	350.0	-25.8	-60.5	222.5	24.5	18.9	21.8	333.8	333.0	0.0	1.0	25.0	23.0
32.9	87.0	9007.6	325.0	-26.2	-69.0	213.9	35.1	19.6	29.1	335.7	335.7	0.0	1.0	24.0	29.0
35.2	91.2	9574.5	300.0	-33.2	-71.3	208.0	38.0	18.3	33.3	338.6	338.6	0.0	1.0	34.0	29.0
37.5	95.6	10181.1	275.0	-37.3	-74.0	208.6	36.5	18.0	31.8	341.2	341.2	0.0	1.0	40.1	29.0
40.0	100.3	10832.9	250.0	-42.1	-59.9	208.7	44.3	21.3	38.0	343.4	343.4	99.0	99.0	45.6	29.0
42.4	105.4	11530.7	225.0	-44.5	-59.9	207.2	50.7	23.2	45.0	347.3	347.3	99.0	99.0	54.8	29.0
45.8	110.8	12133.1	200.0	-51.1	-59.8	211.6	42.4	22.2	36.1	351.6	351.6	99.0	99.0	61.9	29.0
49.5	116.5	13171.8	175.0	-55.0	-59.9	204.8	35.3	18.0	32.0	357.6	357.6	99.0	99.0	69.2	29.0
52.0	122.8	14130.4	150.0	-63.3	-59.9	199.5	34.0	18.4	32.2	361.1	361.1	99.0	99.0	75.6	29.0
55.8	130.0	15240.9	125.0	-65.5	-59.9	212.1	31.2	18.5	26.4	369.1	369.1	99.0	99.0	81.8	28.0
60.5	138.0	16573.6	100.0	-71.9	-99.9	208.1	19.7	9.3	17.4	388.5	388.5	99.0	99.0	90.4	28.0
66.4	147.5	18133.1	75.0	-60.4	-59.9	160.8	13.0	-4.5	13.1	446.4	446.4	99.0	99.0	95.0	26.0
70.5	156.0	20422.4	50.0	-58.8	-99.0	118.0	13.3	-11.7	6.2	404.2	404.2	99.0	99.0	96.6	26.0
87.6	169.0	25331.2	25.0	-48.8	-99.0	99.0	99.0	99.0	99.0	443.1	443.1	99.0	99.0	95.0	99.0

0 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
0 9Y TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 9Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

7 JUNE 1978
1103 GMT

TIME MIN	CATY	WEIGHT LBS	PWT'S NB	TEMP DEG C	DIR DEG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DEG N	E POS T DEG N	MR RTO GM/KG	RN PCT	RANGE KM	AZ DEG
0.0	23.4	1619.0	870.3	16.3	4.5	5.1	5.1	0.4	307.4	325.8	8.4	40.0	0.0	8.
99.9	99.9	1000.0	1000.0	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	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	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	525.0	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	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	23.9	1674.1	825.0	15.7	6.8	5.7	5.7	-0.3	309.4	330.9	7.5	42.9	0.1	64.
1.5	26.4	1938.9	800.0	18.3	6.9	5.6	9.8	0.7	310.7	333.1	7.9	47.4	0.5	85.
1.9	26.0	2205.9	775.0	16.0	5.5	9.4	9.4	-0.8	311.1	332.2	7.4	49.6	1.0	84.
2.4	31.6	2488.1	750.0	14.2	4.4	10.6	9.9	-3.0	312.6	332.3	7.0	51.7	1.5	92.
3.9	34.2	2773.6	725.0	12.1	3.2	10.8	12.0	-5.7	312.8	332.1	6.4	54.3	2.2	100.
5.2	37.0	3067.3	700.0	10.4	2.1	13.8	12.0	-8.9	312.8	335.0	6.4	49.4	3.0	107.
6.3	39.4	3371.7	675.0	10.4	-0.1	14.8	13.2	-9.3	317.2	334.1	5.6	48.1	4.0	109.
7.4	42.7	3684.6	650.0	7.3	-2.3	14.9	13.2	-9.4	317.2	332.2	5.0	50.2	4.9	110.
8.5	45.4	4006.3	625.0	4.7	-6.4	14.2	14.1	-9.6	317.4	331.2	4.4	51.5	5.8	109.
9.5	48.3	4337.7	600.0	1.7	-7.4	12.9	12.8	0.7	318.7	330.4	3.8	62.1	6.7	106.
10.6	51.4	4679.3	575.0	-1.1	-8.8	12.9	12.5	3.2	319.6	330.6	3.4	71.1	7.6	104.
11.7	54.6	5032.3	550.0	-4.3	-19.2	12.9	12.4	1.2	321.6	327.1	1.6	34.3	9.4	100.
13.3	57.5	5397.6	525.0	-8.5	-20.9	10.7	10.6	-1.5	326.1	331.6	1.4	29.6	10.5	100.
14.9	63.7	5781.2	500.0	-8.3	-23.8	9.0	9.0	1.9	327.6	331.6	1.2	27.4	11.4	99.
16.4	64.0	6181.0	475.0	-12.0	-26.4	9.1	8.9	3.2	328.2	331.9	1.0	28.7	12.1	98.
17.4	67.3	6598.1	450.0	-16.0	-33.1	10.7	10.5	2.3	328.2	331.8	0.7	28.7	13.0	97.
19.5	70.9	7032.1	425.0	-15.4	-33.1	9.8	9.0	3.9	329.3	331.8	0.6	28.4	14.0	95.
21.1	74.3	7486.1	400.0	-17.3	-36.5	5.2	8.4	5.0	330.8	332.4	0.4	28.4	14.8	93.
22.5	74.3	7562.2	375.0	-27.3	-60.0	10.3	9.1	4.9	331.9	333.1	0.3	28.5	15.7	91.
24.5	81.9	8463.7	350.0	-21.0	-43.2	11.7	11.2	3.1	334.6	334.9	0.3	28.6	16.7	89.
26.4	86.0	9592.7	325.0	-39.4	-47.1	15.9	15.5	3.5	335.4	336.1	0.2	28.7	18.3	89.
28.3	92.2	9552.2	300.0	-35.4	59.9	14.4	15.0	6.6	338.2	339.9	99.9	959.9	20.5	87.
30.6	94.5	10159.5	275.0	-32.3	59.9	15.4	13.9	6.5	342.8	349.9	99.9	959.9	22.5	85.
32.8	99.0	10503.5	250.0	-46.8	99.9	15.6	11.1	6.0	346.8	349.9	99.9	999.9	24.4	83.
35.2	104.0	11507.8	225.0	-66.8	99.9	12.6	11.1	6.0	348.2	349.9	99.9	999.9	26.2	81.
38.0	109.4	12777.7	200.0	-63.3	99.9	11.7	10.0	6.1	349.2	349.9	99.9	999.9	28.1	80.
41.0	115.3	13123.2	175.0	-60.5	99.9	11.1	9.1	6.4	350.3	349.9	99.9	999.9	30.1	77.
43.1	121.9	14071.9	150.0	-64.2	99.9	17.8	12.1	13.0	357.8	349.9	99.9	999.9	34.4	73.
47.4	123.7	15185.2	125.0	-64.4	79.9	237.3	17.7	11.3	378.2	349.9	99.9	999.9	38.5	72.
52.1	136.7	16537.5	100.0	-67.7	99.9	232.0	10.7	8.3	396.4	349.9	99.9	999.9	41.2	70.
56.3	145.5	18268.2	75.0	-67.7	99.9	211.5	5.6	4.8	441.4	349.9	99.9	999.9	45.7	68.
61.6	156.0	20407.8	50.0	-57.8	99.9	120.9	-4.3	2.6	505.2	349.9	99.9	999.9	49.7	68.
74.0	165.3	23330.7	25.0	-48.8	99.9	59.9	99.9	99.9	653.4	349.9	99.9	999.9	38.7	63.

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

STATION NO. 385
ALBUQUERQUE, NEW MEXICO

7 JUNE 1959
1405 GMT

139 34. 0

TIME MIN	CMCT	WEIGHT GPM	PRES MB	TEMP OC C	DEB PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/S	PQT 6 DG M	E OF T DG M	MZ RTO CM/KG	WH PCT	RANGE KM	AZ DG
00	23.0	1010.0	831.0	21.1	4.6	320.0	6.2	4.0	4.7	310.2	320.7	6.4	34.0	0.0	0.
00.5	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
00.5	00.0	99.0	825.0	20.2	6.0	222.6	5.0	5.5	1.7	309.5	330.3	7.1	39.6	0.1	4.0
1.3	20.3	1954.5	800.0	10.2	5.2	253.9	3.7	3.1	1.6	310.4	330.6	6.9	42.1	0.4	7.5
2.3	20.4	2226.0	775.0	14.5	4.0	302.1	3.7	3.1	-2.0	311.2	330.5	6.6	43.3	0.4	7.5
3.4	31.4	2504.1	750.0	14.1	3.1	317.7	3.4	2.3	-2.5	311.5	330.5	6.4	47.3	0.8	8.0
4.4	30.0	2790.6	725.0	12.5	2.1	308.6	5.0	4.4	-3.7	313.2	331.2	6.2	48.8	0.9	10.0
5.5	30.0	3083.6	700.0	11.2	0.0	280.3	10.3	9.9	-2.9	314.5	332.1	5.0	48.4	1.5	10.5
6.4	30.4	3386.7	675.0	9.5	-0.0	278.3	10.0	10.7	-1.2	316.3	332.3	5.4	48.8	2.1	10.5
7.4	42.3	3680.8	650.0	7.0	-2.5	265.3	10.2	10.2	0.1	316.5	332.7	4.0	40.8	2.7	10.1
7.7	45.1	4019.7	625.0	4.1	-6.6	247.8	9.7	9.7	0.4	317.8	328.6	3.7	45.3	3.4	9.0
10.0	49.0	4350.2	600.0	1.0	-12.4	250.4	5.6	9.4	2.3	318.5	325.7	2.5	34.4	4.2	9.0
11.5	51.0	4631.3	575.0	-1.0	-15.4	245.7	10.0	0.7	4.4	318.2	325.7	2.0	33.4	5.0	9.1
12.0	53.9	5044.0	550.0	-3.5	-19.7	247.0	12.0	11.1	4.7	319.5	325.7	1.5	27.2	5.8	8.7
14.5	57.5	5410.0	525.0	-6.2	-23.9	242.4	11.1	10.6	3.3	323.0	327.0	1.1	19.8	7.0	8.4
16.1	60.1	5793.0	500.0	-6.1	-28.3	233.5	11.5	11.5	1.3	325.2	328.2	0.7	15.2	8.0	8.4
17.7	63.4	6192.7	475.0	-5.0	-27.0	250.8	12.1	11.0	2.3	326.4	329.7	0.8	20.3	9.1	8.3
19.3	66.7	6606.3	450.0	-12.7	-27.0	259.9	12.7	12.3	3.1	327.3	330.4	0.9	27.9	10.3	8.1
21.0	70.1	7041.7	425.0	-16.0	-31.4	237.0	12.5	12.2	2.6	328.2	330.7	0.6	25.0	11.6	8.2
22.7	73.7	7465.4	400.0	-19.0	-35.2	252.5	9.9	9.5	3.0	329.5	331.2	0.5	23.3	12.7	8.2
24.3	77.3	7971.3	375.0	-23.3	-34.6	230.0	8.4	6.9	4.0	330.8	332.1	0.4	22.9	13.6	8.1
26.0	81.2	8471.6	350.0	-27.0	-42.3	232.1	6.4	6.6	5.2	331.2	332.1	0.3	23.4	14.3	7.9
27.9	85.2	9000.0	325.0	-31.6	-45.5	237.5	6.7	6.2	6.2	333.1	333.9	0.2	23.7	15.2	7.7
30.2	89.3	9562.5	300.0	-34.0	-47.9	244.0	15.0	14.0	9.4	334.4	337.0	0.2	24.4	16.9	7.6
32.0	93.7	10140.1	275.0	-31.2	-50.0	241.7	16.3	14.4	7.7	341.3	341.0	0.1	22.5	19.3	7.5
35.1	98.3	10819.1	250.0	-41.2	-50.0	243.2	18.7	12.0	7.3	344.5	349.0	0.0	99.9	19.3	7.5
37.9	103.2	11527.2	225.0	-48.5	-50.9	231.0	15.3	12.1	9.5	347.3	350.0	0.0	99.9	21.3	7.2
41.0	108.5	12268.0	200.0	-52.3	-50.9	219.7	16.5	10.5	12.7	350.0	350.0	0.0	99.9	23.0	6.5
44.0	114.3	13151.4	175.0	-57.0	-50.9	220.7	17.6	10.0	20.0	354.4	350.0	0.0	99.9	26.5	6.5
47.2	120.6	14110.3	150.0	-64.0	-50.0	230.1	33.2	25.5	21.3	359.5	359.9	0.0	99.9	29.7	6.5
51.0	127.7	15224.0	125.0	-64.2	-50.0	239.2	20.3	17.9	10.4	378.0	359.9	0.0	99.9	35.0	6.2
55.2	135.3	16379.6	100.0	-64.1	-50.0	233.0	14.4	11.4	8.5	400.0	359.9	0.0	99.9	42.0	6.1
60.5	144.3	18334.6	75.0	-64.0	-50.0	190.7	7.2	1.3	7.1	430.2	359.9	0.0	99.9	46.2	6.1
64.4	154.5	20867.3	50.0	-54.4	-50.0	99.9	0.9	0.9	99.9	510.7	359.9	0.0	99.9	49.1	5.8
69.9	99.9	59.0	25.0	55.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO. 369
ALBUQUERQUE, NEW MEXICO

7 JUNE 1979
1785 GMT

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TIME	EMTCY	WEIGHT	WINDS	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	WY 3	E POT T	MR MTD	RM	RANGE	AZ
MM:SS	KG	GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG	LJ K	GM/KG	PCT	KM	DEG
00	23.2	1819.0	832.0	26.1	4.6	225.0	7.2	5.1	5.1	315.4	336.2	6.4	25.0	0.0	0
00.9	98.9	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	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
00.9	99.9	99.0	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
00.9	99.9	99.0	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
00.9	99.9	99.0	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
00.9	99.9	99.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.0	0.0	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
7 JUNE 1979
2005 GMT

145 19. 8

TIME MIN	CHYCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DG	SPFEO M/SEC	J COMP M/SEC	J COMP M/SEC	POT V DG K	POT V M/SEC	E POT V DG K	MX RFD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	23.1	1619.3	830.6	28.3	9.6	190.0	6.2	-4.0	4.7	317.5	337.0	337.0	6.4	22.0	0.0	0.
00.0	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	999.9	999.
00.0	99.9	99.9	975.0	95.0	90.9	90.2	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	23.7	1678.8	825.0	24.1	6.1	153.1	6.0	-2.5	5.4	316.2	337.4	337.4	7.2	28.2	0.1	162.
1.1	28.3	1947.7	800.0	22.4	5.6	170.5	5.8	-6.4	5.9	315.1	335.9	335.9	7.1	33.4	0.4	319.
1.7	28.8	2222.6	775.0	20.1	4.4	201.7	5.6	2.1	5.2	315.4	335.3	335.3	6.8	35.6	0.6	351.
2.6	31.4	2504.1	750.0	17.4	3.4	223.6	5.3	3.9	3.9	315.4	334.7	334.7	6.6	36.4	0.8	4.
3.4	34.1	2792.2	725.0	14.6	2.2	239.0	6.2	5.3	3.2	315.2	333.8	333.8	6.2	42.9	1.1	19.
5.3	36.0	3087.9	700.0	12.2	1.3	252.1	7.3	6.9	2.2	316.0	333.0	333.0	6.0	47.0	1.6	36.
7.4	32.4	3391.1	675.0	9.2	-1.5	263.1	9.4	9.5	1.3	316.0	331.1	331.1	5.1	46.9	2.5	53.
8.4	42.3	3702.7	650.0	6.8	-4.3	283.3	10.9	10.8	1.3	316.0	329.5	329.5	4.3	45.0	3.2	60.
9.7	43.2	4023.2	625.0	3.3	-8.8	268.2	10.8	10.6	0.7	316.2	329.2	329.2	4.3	55.2	3.8	65.
10.8	45.1	4352.8	600.0	0.1	-15.1	261.3	12.3	12.1	1.9	316.3	329.5	329.5	4.4	67.9	4.3	68.
11.0	51.1	4692.6	575.0	-2.8	-23.0	259.5	13.2	13.0	2.4	316.7	330.7	330.7	4.6	85.1	5.3	70.
12.9	54.1	5043.3	550.0	-5.9	-30.2	257.9	12.9	12.4	3.8	317.1	329.9	329.9	4.2	94.4	6.2	71.
14.6	57.3	5406.4	525.0	-7.3	-20.2	243.4	14.8	13.8	5.4	319.6	324.5	324.5	1.5	36.4	7.5	70.
16.1	60.5	5786.2	500.0	-6.5	-24.1	242.4	14.2	12.4	6.4	325.1	328.8	328.8	1.1	23.3	6.9	70.
17.5	63.7	6186.4	475.0	-10.0	-28.3	231.9	12.8	10.1	7.9	323.8	328.8	328.8	0.5	24.9	9.9	68.
19.1	67.1	6600.0	450.0	-14.1	-24.0	233.1	12.7	10.3	7.5	323.2	328.4	328.4	0.8	29.7	11.1	67.
20.7	70.6	7038.9	425.0	-17.0	-31.0	239.5	11.7	10.1	6.0	326.0	328.3	328.3	0.7	30.8	12.3	66.
22.5	74.1	7481.1	400.0	-21.1	-35.2	230.3	12.0	9.9	8.2	327.2	329.2	329.2	0.5	26.7	13.5	65.
24.2	77.9	7954.3	375.0	-24.9	-38.8	220.7	14.7	9.6	11.1	328.7	330.0	330.0	0.3	25.7	14.9	63.
25.9	81.7	8452.9	350.0	-27.0	-41.8	224.0	15.3	10.5	10.5	331.2	332.2	332.2	0.3	24.7	16.3	61.
27.8	85.8	8979.7	325.0	-32.9	-45.6	233.3	13.7	12.8	9.4	331.2	332.1	332.1	0.2	26.4	18.1	60.
30.0	90.0	9560.5	300.0	-34.5	-48.2	233.5	16.6	13.5	10.0	336.7	337.3	337.3	0.2	23.1	20.2	60.
32.0	94.4	10144.7	275.0	-38.5	-53.9	222.2	17.2	11.9	12.7	339.2	341.9	341.9	99.9	999.9	22.1	58.
33.0	99.2	10792.5	250.0	-43.3	-59.9	227.8	17.7	13.1	11.9	341.7	347.1	347.1	99.9	999.9	24.1	57.
34.5	104.0	11458.7	225.0	-46.4	-64.9	223.3	27.3	19.1	19.6	347.1	349.9	349.9	99.9	999.9	27.2	56.
36.4	108.8	12249.4	200.0	-41.7	-69.9	216.9	40.1	23.8	32.3	350.5	349.7	349.7	99.9	999.9	31.1	53.
41.9	115.3	13123.0	175.0	-37.9	-64.9	217.0	43.9	26.9	34.7	354.4	349.8	349.8	99.9	999.9	39.3	50.
45.1	121.7	14078.0	150.0	-32.8	-69.9	220.4	38.5	25.1	34.7	360.1	349.8	349.8	99.9	999.9	47.3	48.
48.3	127.7	15166.2	125.0	-27.5	-64.9	228.0	26.7	20.1	17.6	372.8	349.9	349.9	99.9	999.9	53.0	48.
52.5	134.7	16537.1	100.0	-24.8	-69.9	223.6	20.8	14.5	14.5	402.6	349.9	349.9	99.9	999.9	57.9	49.
57.5	145.5	18201.9	75.0	-23.9	-69.9	191.4	12.4	12.4	12.4	439.8	349.9	349.9	99.9	999.9	61.7	47.
64.6	155.0	20808.0	50.0	-26.2	-64.9	151.6	7.9	-3.4	6.6	511.0	349.9	349.9	99.9	999.9	63.5	46.
71.0	164.7	25331.3	25.0	-28.9	-69.9	115.4	12.9	-11.6	5.6	644.4	349.9	349.9	99.9	999.9	61.8	41.

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

ORIGINAL PAGE IS
UNCLASSIFIED

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

7 JUNE 1979
2300 GMT

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TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WX WFO GM/KG	RM PCT	RANGE AZ KM	AZ DG
0.0	23.0	1619.0	829.8	27.8	0.5	200.0	6.2	6.1	1.1	317.2	331.9	4.8	17.0	0.0	0.0
99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	98.5	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	99.5	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	99.5	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	99.5	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	99.5	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	99.9	999.9	999.9
0.2	23.2	1670.4	825.0	27.1	0.5	255.7	6.4	6.2	1.6	317.2	337.0	6.7	24.6	0.1	36.0
1.2	24.0	1941.0	870.0	24.8	7.7	253.5	7.7	7.3	2.2	317.4	341.1	8.0	32.6	0.5	72.0
2.3	24.5	2218.0	775.0	22.0	5.6	255.5	9.1	8.8	2.3	317.4	339.2	7.4	36.5	1.1	74.0
3.3	31.2	2501.5	750.0	19.6	4.1	255.6	9.1	8.8	2.3	317.5	338.3	6.9	35.9	1.6	75.0
4.1	33.9	2791.7	725.0	16.6	2.4	247.4	8.7	8.0	3.3	317.7	336.5	6.3	38.5	2.0	74.0
5.0	34.3	3089.6	720.0	14.0	1.0	245.0	9.0	8.2	3.8	318.0	335.6	5.9	41.1	2.5	72.0
5.9	33.2	3354.9	675.0	10.9	-0.5	241.0	9.0	7.9	4.4	317.5	334.3	5.5	45.2	3.0	71.0
6.8	42.0	3707.9	650.0	7.8	-1.6	236.3	9.6	8.0	5.3	317.4	333.3	5.2	50.5	3.5	69.0
7.7	44.9	4032.0	625.0	4.2	-3.0	225.4	9.1	6.9	5.9	317.5	332.8	4.9	57.2	4.0	67.0
8.6	47.4	4361.4	600.0	1.6	-4.7	228.5	10.1	7.5	6.7	318.0	331.6	4.5	62.6	4.5	65.0
9.7	50.7	4702.8	575.0	-1.8	-5.2	226.5	10.4	7.6	7.2	317.5	331.5	4.5	77.8	5.1	63.0
10.9	53.7	5054.8	550.0	-4.2	-5.9	227.1	11.0	8.0	7.5	317.5	331.5	4.2	95.6	6.0	59.0
12.4	56.6	5419.5	525.0	-7.2	-7.3	233.3	12.4	9.9	7.4	319.7	322.7	4.2	117.7	10.7	60.0
13.9	63.0	5794.4	500.0	-10.1	-12.1	238.8	15.2	13.0	7.9	320.7	320.2	3.0	150.6	16.8	56.0
15.5	63.1	6192.4	475.0	-12.7	-13.5	245.9	14.8	13.6	6.1	322.2	321.3	2.8	193.2	20.5	53.0
16.8	64.6	6602.5	450.0	-14.2	-22.8	248.0	13.4	10.7	4.6	322.6	325.3	0.7	259.7	22.3	52.0
14.5	73.0	7037.9	425.0	-17.4	-32.1	235.4	13.0	10.7	7.4	326.5	329.1	0.1	349.9	24.6	51.0
20.2	73.6	7482.7	400.0	-20.6	-34.9	223.4	18.1	11.1	11.7	328.2	329.9	0.5	459.9	27.5	50.0
21.9	77.2	7957.0	375.0	-23.7	-38.0	226.7	15.1	11.0	10.8	330.2	331.6	0.4	595.9	32.6	47.0
26.3	65.0	6547.6	350.0	-27.4	-41.1	223.3	14.9	10.2	11.2	334.2	335.4	0.3	779.9	39.9	44.0
28.4	69.2	6952.0	325.0	-30.6	-44.0	220.7	14.8	9.7	11.2	334.2	335.4	0.2	959.9	47.1	43.0
32.6	93.7	10155.0	300.0	-34.0	-47.2	217.1	12.4	7.5	9.9	337.4	338.1	0.2	1179.9	53.5	42.0
32.9	94.4	10805.9	275.0	-38.9	-51.3	220.6	17.5	11.4	13.3	339.1	339.5	0.1	1499.9	58.3	42.0
35.0	103.3	11510.6	250.0	-42.3	-54.9	217.1	14.4	11.8	15.6	343.2	349.9	99.9	1999.9	62.1	42.0
37.5	134.6	17280.6	200.0	-47.5	-59.9	219.4	14.4	11.8	21.6	345.2	349.9	99.9	2799.9	63.5	40.0
40.4	114.4	13134.3	175.0	-52.0	-59.9	213.6	36.8	17.7	33.3	350.4	349.9	99.9	3999.9	60.4	35.0
43.5	121.0	14090.5	150.0	-57.9	-59.9	213.6	44.3	24.5	36.7	354.2	349.9	99.9	5199.9	58.3	42.0
46.8	128.0	15211.2	125.0	-63.4	-59.9	213.6	35.7	19.8	29.8	360.4	349.9	99.9	6999.9	58.3	42.0
51.1	134.0	16559.4	100.0	-64.2	-59.9	219.8	28.9	14.6	19.9	375.1	349.9	99.9	9999.9	62.1	42.0
56.4	144.7	19311.8	75.0	-67.7	-59.9	216.8	16.5	9.8	13.2	387.8	349.9	99.9	14999.9	63.5	40.0
64.1	154.3	23452.2	50.0	-68.1	-59.9	201.1	7.8	3.3	9.0	447.1	349.9	99.9	21999.9	60.4	35.0
76.8	164.7	29386.7	25.0	-69.2	-59.9	64.4	7.0	-6.3	-3.0	662.1	349.9	99.9	31999.9	60.4	35.0

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

STATION NO. 345
ALBUQUERQUE, N.M. MEXICO
8 JUMP 1579
205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/KG	RM PLCY	RANGE KM	AZ DEG
0.0	22.9	1619.0	830.6	26.7	2.6	230.0	6.2	4.7	4.0	316.2	332.8	5.6	21.0	0.0	0.0
00.9	23.9	1030.0	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
01.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	09.9	99.9	930.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.9	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.9	09.9	1678.6	825.0	25.6	6.3	225.6	12.5	8.9	8.7	315.7	335.0	7.3	29.1	0.2	52.0
08.9	24.5	1948.0	800.0	23.6	4.6	227.6	12.3	8.3	9.0	316.2	336.1	6.7	29.1	0.6	44.0
09.9	24.0	2227.3	775.0	21.2	3.5	216.7	12.0	7.1	9.6	316.2	335.5	6.4	31.4	1.5	43.0
10.9	31.1	2506.4	750.0	18.5	2.5	216.8	11.8	7.4	9.2	316.7	335.8	6.1	24.3	2.2	40.0
11.9	33.7	2755.9	725.0	15.8	1.8	228.0	11.6	8.6	7.8	316.6	335.7	6.0	34.7	2.7	41.0
12.9	4.9	3047.1	700.0	12.6	0.4	228.9	11.8	8.9	7.0	316.6	333.3	5.7	47.1	3.3	43.0
13.9	34.1	3354.2	675.0	9.8	-0.1	225.1	11.4	8.1	6.0	316.6	333.4	5.6	50.0	4.0	43.0
14.9	41.9	3734.2	650.0	6.9	-1.0	226.8	10.7	7.8	7.4	316.6	333.2	5.5	57.3	4.6	43.0
15.9	44.4	4024.7	625.0	3.3	-2.0	228.7	10.9	8.2	7.2	316.2	332.1	5.3	67.8	5.3	44.0
16.9	47.4	4354.9	600.0	0.4	-3.4	232.3	12.0	9.5	7.3	316.6	332.4	5.3	80.1	5.9	45.0
17.9	51.4	4694.9	575.0	-2.7	-4.2	240.3	11.3	9.8	5.6	316.6	332.5	5.3	96.3	6.5	46.0
18.9	53.4	5050.8	550.0	-4.6	-5.8	235.9	10.4	9.0	5.2	316.7	333.4	4.9	98.2	7.2	47.0
19.9	56.0	5416.5	525.0	-6.5	-8.0	234.0	10.1	8.1	5.9	320.6	334.2	4.4	98.0	7.9	48.0
20.9	59.5	5751.9	500.0	-8.8	-9.1	233.1	11.3	9.0	6.8	322.2	334.3	3.9	98.0	8.7	49.0
21.9	62.9	6192.2	475.0	-12.2	-12.7	238.0	11.4	9.7	6.0	322.5	332.5	3.0	98.2	9.6	49.0
22.9	66.3	6633.6	450.0	-14.9	-13.8	233.1	10.3	8.2	6.2	324.2	332.5	2.5	62.7	10.6	50.0
23.9	69.4	7073.5	425.0	-19.2	-18.5	223.5	14.1	9.7	10.2	324.4	327.4	0.9	44.2	11.7	50.0
24.9	72.9	7491.3	400.0	-22.5	-21.6	216.5	15.4	16.2	11.5	325.7	326.2	0.2	14.9	13.1	49.0
25.9	76.6	7927.7	375.0	-25.2	-24.9	222.5	15.7	16.6	11.6	328.2	329.3	0.3	21.1	14.8	48.0
26.9	80.3	8409.9	350.0	-28.8	-28.9	211.5	15.3	8.0	13.0	329.5	330.4	0.1	18.2	16.4	47.0
27.9	84.3	8974.9	325.0	-31.4	-31.4	198.5	15.3	6.8	14.5	333.4	335.1	0.5	15.4	17.9	45.0
28.9	88.4	9516.3	300.0	-35.3	-32.1	205.9	14.3	6.3	13.1	337.7	336.8	0.3	48.9	19.6	43.0
29.9	92.7	10140.5	275.0	-38.9	-35.8	212.4	14.4	7.7	12.2	338.5	338.2	0.1	15.2	21.2	42.0
30.9	97.4	10767.7	250.0	-43.6	-39.9	211.6	16.4	6.6	14.0	341.2	339.9	0.1	99.9	23.5	41.0
31.9	102.2	11468.6	225.0	-48.4	-43.9	213.6	23.6	13.0	19.6	344.2	339.9	99.9	99.9	26.3	40.0
32.9	107.4	12259.8	200.0	-53.0	-49.9	210.7	37.5	19.1	32.3	348.5	339.9	99.9	99.9	31.1	39.0
33.9	113.3	13167.9	175.0	-57.9	-54.9	208.6	41.6	20.0	36.7	354.2	339.9	99.9	99.9	39.5	37.0
34.9	119.5	14269.9	150.0	-62.2	-59.9	201.9	38.4	14.3	35.7	362.9	339.9	99.9	99.9	45.8	35.0
35.9	126.7	15518.7	125.0	-65.9	-64.9	213.7	30.8	18.1	25.6	375.8	339.9	99.9	99.9	53.8	34.0
36.9	134.7	16970.3	100.0	-68.1	-69.9	210.9	16.3	8.4	14.0	400.1	339.9	99.9	99.9	59.0	33.0
37.9	144.3	19290.3	75.0	-63.2	-64.9	208.5	6.2	3.4	7.5	440.3	339.9	99.9	99.9	62.4	32.0
38.9	154.5	22815.5	50.0	-57.8	-59.9	136.0	7.2	-5.0	5.2	507.5	339.9	99.9	99.9	63.4	32.0
39.9	164.5	25284.9	25.0	-50.5	-50.9	99.9	11.6	-11.5	1.2	639.6	339.9	99.9	99.9	61.6	26.0

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

STATION NO. 365
 ALBUQUERQUE, NFM MEXICO
 9 JUNE 1975
 505 GMT

TIME MIN	CHTCF	HEIGHT GPM	PRES MB	TEMP DEG C	DBW DT DEG C	DIR °	SPEED M/SEC	U M/SEC	V M/SEC	CG K	E POT T CG K	W B RTQ CH/KG	PH PCT	RANGE AZ KM	10. 0
5.0	22.6	1619.0	832.4	21.1	7.3	180.0	3.1	0.0	3.1	310.1	332.3	7.8	81.0	0.0	0.0
5.3	79.3	59.9	1000.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	599.9	59.9	999.9	999.9	999.9
5.6	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
5.9	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
6.2	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
6.5	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
6.8	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
7.1	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
7.4	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
7.7	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
8.0	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
8.3	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
8.6	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
8.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.2	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.5	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.8	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	999.9
10.1	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	999.9
10.4	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	999.9
10.7	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	999.9
11.0	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	999.9
11.3	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	999.9
11.6	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	999.9
11.9	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	999.9
12.2	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
12.5	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
12.8	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
13.1	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
13.4	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
13.7	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
14.0	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
14.3	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
14.6	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
14.9	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
15.2	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
15.5	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
15.8	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
16.1	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
16.4	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
16.7	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
17.0	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
17.3	99.9	99.9	0.0	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 BY SPEED MEANS ELEVATION ANGLE BETWEE' 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 2 DEG

STATION NO. 348
ALBUQUERQUE, NEW MEXICO

3 JUNE 1105 GMT .579

142 26. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DE C	DRN PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DE M	E POT 1 DE M	WIND GMS/K	RM PCT	RANGE KM	AZ DEG
0.0	22.5	1619.0	833.2	17.2	5.2	236.0	3.6	2.8	2.3	305.5	324.8	6.7	45.0	0.0	0.
00.0	99.9	1000.0	833.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	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
00.0	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
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	23.3	1703.8	825.0	16.2	5.8	244.7	7.5	6.8	3.2	307.4	327.8	7.0	44.2	0.1	27.
1.1	25.9	1967.3	800.0	17.5	5.5	236.5	6.0	5.0	3.3	309.4	330.2	7.1	45.1	0.4	50.
2.0	29.4	2237.2	775.0	14.2	4.7	231.1	6.1	4.7	3.8	309.1	328.9	6.9	52.8	0.6	50.
2.9	31.0	2512.8	750.0	11.3	3.9	240.7	6.1	7.1	4.0	308.4	328.2	6.8	60.5	1.0	52.
3.8	33.7	2793.4	725.0	5.2	3.5	248.2	5.5	8.8	3.5	309.4	329.1	6.8	67.3	1.5	56.
4.5	36.4	3085.4	700.0	4.4	3.9	251.1	11.4	10.8	3.7	309.4	330.4	7.3	64.1	2.1	61.
5.8	39.1	3381.0	675.0	3.8	2.7	235.9	11.6	9.6	6.5	309.5	329.7	6.9	92.4	2.9	62.
6.7	42.0	3686.8	650.0	1.4	-0.5	223.1	12.3	6.4	9.0	310.5	327.1	5.7	87.4	3.6	59.
7.4	44.6	4008.3	625.0	-0.7	-1.4	217.6	13.4	6.2	10.6	311.4	326.5	5.5	53.6	4.0	57.
8.4	47.7	4370.0	600.0	-2.5	-2.9	211.1	13.4	6.9	11.5	313.3	326.5	5.1	96.6	4.7	53.
9.7	52.6	4652.3	575.0	-4.2	-5.4	209.7	13.8	6.9	12.1	315.1	326.5	4.5	91.3	5.7	49.
11.0	53.6	5017.8	550.0	-6.2	-7.2	208.0	14.3	7.6	14.4	316.7	326.9	4.0	92.6	6.8	43.
12.3	46.8	5390.0	525.0	-8.5	-9.8	205.2	16.2	6.9	14.7	318.3	326.9	3.5	90.3	8.0	43.
13.4	60.0	5757.2	500.0	-10.4	-11.6	205.0	16.4	6.9	14.9	320.2	320.2	3.2	91.2	9.1	43.
14.4	63.3	6150.4	475.0	-13.3	-14.1	210.8	16.0	8.2	13.8	321.4	330.1	2.7	93.4	10.1	34.
15.8	66.6	6541.5	450.0	-15.0	-16.1	221.6	17.5	11.6	13.1	324.4	332.2	2.4	91.4	11.3	34.
17.0	70.1	6991.5	425.0	-18.1	-20.1	224.5	18.3	12.9	13.1	324.8	331.8	1.8	84.3	12.7	39.
18.8	73.7	7441.2	400.0	-21.6	-25.4	225.0	18.6	12.6	15.0	327.4	331.0	1.2	70.7	14.6	40.
20.9	77.4	7913.9	375.0	-25.0	-29.2	220.3	20.6	13.4	15.9	328.4	330.5	0.6	41.4	17.2	40.
22.9	81.3	8411.7	350.0	-28.9	-33.1	227.6	21.0	15.5	14.2	329.7	332.1	0.7	67.1	19.7	40.
24.4	85.3	8939.7	325.0	-29.9	-34.6	234.9	21.2	17.4	12.2	335.5	336.1	0.1	15.3	21.6	41.
25.6	89.5	9505.1	300.0	-34.6	-34.5	239.1	18.7	15.9	9.9	336.7	337.0	0.1	11.0	23.1	42.
26.9	94.0	10105.4	275.0	-40.4	59.9	234.1	15.5	12.6	9.1	336.4	336.4	99.9	559.9	24.3	43.
28.5	98.8	10748.9	250.0	-46.8	59.9	218.8	14.4	9.0	11.2	336.5	336.5	99.9	559.9	25.7	43.
30.5	103.8	11437.0	225.0	-51.6	99.9	211.4	22.2	11.3	18.9	339.5	339.5	99.9	559.9	27.6	42.
32.8	109.0	12192.8	200.0	-54.6	59.9	217.1	31.9	17.4	27.1	344.3	339.9	99.9	559.9	31.3	41.
35.4	115.0	13042.1	175.0	-56.4	99.9	200.6	36.7	12.9	34.3	356.8	339.9	99.9	559.9	37.9	39.
38.6	121.3	14010.9	150.0	-61.0	59.9	198.6	38.0	12.3	36.0	365.0	339.9	99.9	559.9	43.8	36.
41.9	124.5	15135.1	125.0	-63.4	59.9	206.6	25.8	11.6	23.1	380.2	339.9	99.9	559.9	50.3	34.
45.6	126.3	16501.8	100.0	-45.9	99.9	204.5	15.3	7.3	13.4	400.4	339.9	99.9	559.9	54.5	34.
50.4	145.0	19248.3	75.0	-48.3	99.9	165.4	7.4	-1.9	7.1	438.2	339.9	99.9	559.9	56.9	33.
54.2	146.0	20793.7	50.0	-45.3	59.9	102.7	6.2	-6.1	1.4	513.2	339.9	99.9	559.9	57.7	31.
99.9	99.9	99.9	25.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME MAY BE REFM INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS
7 JUNE 1979
1105 GMT

TIME MIN	CMTCY	WEIGHT GPM	PRES MB	TRMP DG C	DEP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT F DG M	E POT V DG K	MR RTG GM/SEC	RM PCY	RANGE KM	AZ DG
0.0	7.7	175.0	987.0	21.3	21.0	200.0	4.1	1.4	3.9	295.6	337.1	16.1	88.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.3	8.8	281.6	975.0	21.1	20.7	175.0	4.8	-0.4	4.8	296.4	338.0	16.0	87.5	0.4	349.
1.2	11.2	507.0	953.0	20.6	19.6	173.3	10.6	-0.5	10.6	298.1	327.6	11.1	85.3	0.7	352.
2.0	13.5	732.8	925.0	15.8	12.7	178.2	14.0	-0.4	14.0	299.2	326.5	10.0	83.7	1.4	355.
3.0	15.9	973.6	900.0	18.2	15.2	174.9	15.3	-1.4	15.3	300.3	326.2	10.0	88.0	2.2	35.0
3.9	17.3	1218.9	875.0	16.8	10.5	172.7	15.3	-2.0	15.4	301.3	326.3	9.2	86.2	3.1	35.5
4.9	23.7	1461.9	850.0	15.9	9.2	166.4	15.0	-3.5	14.6	302.9	325.1	8.1	85.9	4.0	35.8
5.9	23.2	1715.1	825.0	14.0	6.4	164.4	15.2	-1.1	14.7	303.4	323.7	7.3	80.1	4.9	35.2
6.9	25.7	1974.5	800.0	12.4	4.5	161.6	14.5	-1.1	14.5	304.4	323.6	6.8	77.3	5.8	35.2
7.9	24.3	2240.5	775.0	10.4	3.2	164.5	13.1	1.0	13.0	305.4	321.2	6.5	67.7	6.6	35.3
8.9	18.3	2798.1	750.0	8.0	0.1	159.6	15.0	2.5	14.8	306.2	331.5	6.1	64.8	7.4	35.4
9.9	15.0	3362.4	725.0	6.9	0.2	159.0	15.2	4.7	14.4	307.0	330.2	6.3	65.3	8.2	35.0
10.8	13.0	3927.4	700.0	5.5	3.9	202.4	13.4	5.1	12.4	308.5	329.2	7.3	69.7	9.0	35.0
11.7	11.7	4502.9	675.0	5.1	2.5	205.4	12.6	5.4	11.4	311.4	331.0	6.8	62.9	9.6	0.
12.7	8.8	5078.9	650.0	3.3	1.4	214.8	13.0	7.4	10.6	312.7	331.8	6.0	67.2	10.2	2.
13.6	8.1	5654.5	625.0	1.2	0.1	225.7	13.3	9.5	9.3	313.6	331.9	5.2	97.7	10.9	5.
14.4	8.7	6334.8	600.0	0.2	-2.3	233.9	12.4	10.0	7.3	316.4	332.5	5.6	23.3	11.5	8.
15.3	8.9	6915.1	575.0	-2.4	-3.4	229.1	14.5	10.4	10.0	317.2	332.8	5.2	92.9	12.1	11.
16.1	5.8	7502.7	550.0	-4.0	-4.9	219.6	17.7	11.0	13.9	319.2	334.1	4.9	93.7	13.1	13.
16.9	5.9	8091.3	525.0	-6.7	-14.9	215.9	20.5	12.0	16.6	320.2	325.8	1.7	38.4	14.6	16.
17.9	5.3	8773.9	500.0	-9.2	-19.6	214.9	23.2	13.3	19.1	323.1	328.4	1.6	36.9	14.4	18.
18.9	4.7	9469.5	475.0	-11.9	-26.7	215.3	23.1	15.4	18.9	323.2	326.4	0.9	27.8	17.9	17.
20.0	6.9	10154.8	450.0	-15.7	-24.5	214.2	23.7	14.6	18.6	323.2	326.4	0.9	27.8	17.9	17.
20.9	7.2	10846.6	425.0	-18.9	-18.4	230.0	21.3	16.3	13.7	324.7	325.6	1.2	46.5	14.6	21.
21.7	7.5	11540.6	400.0	-18.5	-11.3	229.3	20.6	15.7	13.4	330.6	335.6	2.1	60.1	21.9	23.
22.7	7.9	12247.7	375.0	-21.4	-24.4	224.1	20.6	14.3	14.4	332.6	337.6	1.7	75.0	23.3	25.
23.7	8.1	12956.9	350.0	-24.3	-27.6	221.4	15.2	12.8	14.4	334.7	339.6	1.4	74.4	24.9	27.
24.7	8.5	13668.9	325.0	-25.3	-31.6	222.4	21.9	14.7	16.1	334.7	339.6	1.1	71.1	26.6	28.
25.7	8.7	14382.9	300.0	-23.5	-31.4	229.4	20.2	15.3	13.1	334.2	339.3	0.8	60.8	24.8	29.
26.7	9.1	15098.6	275.0	-19.1	-31.4	229.4	20.2	15.3	13.1	334.2	340.2	0.5	71.5	31.3	32.
27.7	9.5	15815.4	250.0	-45.2	-59.4	240.1	18.4	16.2	8.7	338.2	349.5	99.9	555.6	31.6	32.
28.7	10.0	16533.2	225.0	-65.2	-59.4	240.1	25.0	21.7	12.5	338.4	349.9	99.9	555.6	31.6	32.
29.7	10.4	17251.7	200.0	-71.6	-59.9	247.4	29.5	26.4	13.2	339.5	349.5	99.9	555.9	30.4	37.
30.7	10.8	17971.9	175.0	-57.7	-59.3	256.3	40.3	35.2	5.6	341.4	359.1	59.9	559.9	43.2	40.
31.7	11.6	18700.9	150.0	-57.7	-59.9	266.1	42.2	42.1	2.9	354.7	359.5	59.9	559.9	44.3	42.
32.7	11.7	19430.9	125.0	-55.4	-59.7	260.3	32.8	34.3	5.5	367.7	359.6	59.9	559.9	55.2	51.
33.7	12.4	15184.6	100.0	-62.5	-63.0	263.0	23.2	25.1	2.8	381.2	349.9	59.9	559.9	61.4	54.
34.7	13.0	16546.9	75.0	-64.7	-64.9	245.8	8.0	4.5	2.2	400.6	349.5	59.9	559.9	66.2	55.
35.7	13.7	18297.5	50.0	-64.1	-64.9	152.2	3.9	-1.8	3.5	436.6	349.5	59.9	559.9	64.0	55.
36.7	15.7	20434.8	25.0	-57.3	-59.9	89.1	6.8	-6.8	-0.1	508.7	349.9	59.9	559.9	64.6	55.
37.2	16.5	25302.2	25.0	-49.6	-59.9	87.2	5.7	-9.7	-1.5	642.4	349.9	59.9	559.9	61.2	52.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE GE TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 633
SALES, ILLINOIS

7 JUNE 1979
1405 GMT

144 30. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEP PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DC R	E POT T CG K	M R RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	7.0	175.0	907.0	22.2	21.5	170.0	6.7	-1.2	6.6	206.5	339.7	16.7	90.0	0.0	0
0.5	8.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.0	287.0	975.0	22.0	21.3	175.0	10.0	-0.4	10.0	277.2	360.5	16.6	95.7	0.2	350
1.3	11.0	508.2	950.0	20.8	20.1	193.6	12.9	3.0	12.5	298.2	339.8	15.9	55.6	0.6	1
2.2	13.3	739.6	925.0	19.7	19.0	205.6	16.4	7.9	14.4	295.2	339.6	15.2	55.7	1.6	12
3.1	15.5	976.2	900.0	18.4	17.7	217.3	17.3	10.5	13.7	300.5	338.5	14.3	55.5	2.5	21
4.1	17.7	1216.4	875.0	17.4	16.7	220.6	17.2	11.2	13.1	301.5	338.8	13.8	55.4	3.4	26
5.0	23.0	1466.4	850.0	15.7	15.0	223.0	17.4	11.9	12.7	302.4	338.9	12.7	55.6	6.4	29
5.8	22.3	1720.6	825.0	14.1	13.5	239.5	17.5	14.4	11.9	303.5	339.7	11.9	95.8	5.2	32
6.4	24.6	1940.0	800.0	11.6	11.0	239.5	16.2	9.6	9.6	303.7	327.2	6.5	77.6	6.2	36
7.9	27.0	2246.4	775.0	11.7	6.5	245.0	14.8	14.6	8.8	306.4	328.5	7.9	70.6	7.4	40
9.0	29.4	2520.4	750.0	5.5	5.0	234.3	20.4	16.5	11.9	306.5	327.4	7.3	73.3	6.6	43
10.1	31.8	2831.2	725.0	7.9	2.7	227.7	23.0	17.0	15.5	308.2	326.5	6.4	65.4	10.0	46
11.2	34.7	3070.1	700.0	5.4	2.2	274.4	24.1	17.6	16.5	308.2	324.8	6.4	74.8	11.7	48
12.5	35.6	3166.4	675.0	2.6	1.2	226.4	23.0	16.6	15.9	308.2	326.3	6.2	55.5	13.4	50
13.6	39.1	3691.1	650.0	0.9	-0.2	273.7	21.0	14.5	15.2	310.0	320.9	5.8	92.1	15.0	45
14.4	41.9	4007.0	625.0	0.3	-0.6	221.8	20.2	13.5	15.0	312.8	330.0	5.9	94.2	16.3	45
15.7	44.6	4334.7	600.0	-0.6	-1.4	224.2	19.1	12.8	14.2	315.4	332.5	5.8	94.5	17.5	44
17.2	47.3	4674.7	575.0	-2.1	-2.7	220.1	17.0	10.9	13.0	317.4	334.0	5.5	55.2	19.0	44
18.6	51.1	5174.7	550.0	-1.6	-5.3	226.2	14.5	11.3	9.8	319.4	334.1	4.7	86.6	20.4	44
19.9	57.9	5793.6	525.0	-6.3	-10.6	240.9	13.7	11.9	6.7	320.2	331.0	3.3	71.9	21.4	45
21.5	55.8	5774.4	500.0	-4.0	-11.4	236.7	14.7	12.2	6.0	323.2	233.4	3.2	76.5	22.6	46
22.5	59.8	6172.0	475.0	-10.0	-12.3	233.3	16.5	13.3	9.9	325.6	335.2	3.1	83.3	23.9	46
24.5	61.9	6507.4	450.0	-12.5	-16.4	239.3	20.9	17.8	11.0	327.5	335.2	2.4	72.8	25.8	47
26.4	65.0	7021.5	425.0	-15.4	-21.1	241.5	21.5	18.8	10.3	329.5	334.8	1.7	61.3	24.1	48
28.2	68.1	7477.1	400.0	-18.3	-23.6	235.0	22.1	18.1	12.7	331.2	336.1	1.4	62.7	30.5	49
32.1	71.5	7956.3	375.0	-21.6	-26.7	226.6	21.1	15.3	14.5	333.0	337.0	1.2	63.4	33.0	49
32.3	74.0	8460.7	350.0	-24.6	-31.5	226.9	22.8	14.8	17.3	335.6	334.1	0.8	52.4	34.7	49
34.3	76.6	8997.8	325.0	-29.0	-35.7	226.9	23.5	18.0	15.7	338.1	340.1	0.5	47.3	36.6	48
36.3	82.4	9566.7	300.0	-32.2	-40.7	240.6	21.0	18.3	10.3	339.4	340.0	0.4	46.6	41.1	49
38.3	86.3	10171.9	275.0	-38.0	-49.9	239.0	24.8	23.0	13.8	340.1	599.9	55.9	95.9	41.9	49
40.3	92.5	10820.5	250.0	-43.9	-59.9	239.4	32.1	27.6	16.3	340.5	599.9	99.9	95.9	47.4	50
43.0	94.7	11517.3	225.0	-50.2	-67.9	251.5	34.3	32.6	18.9	341.4	599.9	99.9	99.9	52.4	51
45.6	99.6	12277.5	200.0	-54.4	-74.9	245.1	32.5	32.1	5.6	346.7	599.9	99.9	99.9	57.4	54
48.9	104.4	13132.3	175.0	-64.0	-84.9	263.0	30.0	25.5	5.2	357.2	599.5	59.9	99.9	62.7	56
52.3	112.3	14104.4	150.0	-69.6	-94.9	250.7	28.2	27.7	5.0	367.2	599.9	59.9	99.9	69.0	58
56.4	116.3	15241.0	125.0	-61.0	-93.8	244.2	21.2	21.1	2.2	382.5	599.9	59.9	99.9	74.4	60
61.5	121.5	16610.7	100.0	-65.3	-91.9	243.5	9.3	8.2	4.3	401.4	599.9	59.9	99.9	77.9	61
69.0	131.7	18344.9	75.0	-67.8	-94.9	348.8	6.2	1.4	-6.1	440.2	599.9	59.9	99.9	80.0	61
77.1	141.3	20374.2	50.0	-51.2	-99.9	111.1	8.4	-7.6	3.0	513.4	599.9	99.9	99.9	77.2	60
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	59.5	99.9	59.9	55.9	99.9	99.9

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

STATION NO. 433
SALEM, ILLINOIS
7 JUNE 1979
1705 GMT

TIME MIN	CNTCT	WEIGHT GPH	PHES MB	TEMP DC C	DEB AT DC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DC K	E POT Y CC K	HF RTO CM/KC	RM PCT	RANGE KM	AZ DC
0.0	7.4	175.0	987.0	24.7	20.0	240.0	7.7	6.7	3.9	290.5	349.6	15.9	79.0	0.0	0.
00.9	99.0	99.0	1000.0	94.9	59.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
0.5	8.5	290.4	575.0	22.9	18.4	245.3	12.4	11.3	9.2	298.2	334.7	13.0	75.7	0.0	07.
1.4	10.6	516.0	950.0	21.1	16.4	245.9	14.2	13.0	9.8	298.2	336.0	14.2	84.4	1.1	67.
2.3	12.0	747.9	925.0	15.0	17.3	246.2	16.3	14.1	8.1	258.2	334.7	13.6	89.7	1.9	68.
3.2	15.0	943.0	900.0	14.3	14.7	238.7	17.8	15.2	9.2	300.4	331.9	11.0	79.5	2.0	63.
4.1	17.2	1225.8	875.0	18.0	12.7	238.0	19.2	15.9	10.7	302.2	331.8	10.7	71.4	3.0	62.
4.9	19.4	1474.1	850.0	16.3	13.9	233.4	20.1	16.2	12.0	303.2	335.4	11.9	85.9	4.7	60.
5.8	21.6	1724.4	825.0	15.0	11.6	233.9	19.0	15.3	11.2	304.4	333.4	10.6	60.7	5.0	59.
6.6	23.9	1989.1	800.0	14.1	9.3	237.2	17.8	15.0	9.6	306.2	331.9	9.3	72.0	6.9	59.
7.7	25.3	2257.1	775.0	12.1	9.1	235.7	19.4	15.2	10.4	305.5	333.1	9.4	81.6	7.9	58.
8.9	24.6	2531.6	750.0	5.9	7.6	229.3	18.5	14.1	12.1	307.2	331.9	8.0	85.6	9.0	58.
9.7	31.0	2813.2	725.0	6.6	7.4	228.2	21.6	16.1	14.4	309.2	334.2	9.0	91.8	10.2	57.
10.5	33.4	3103.6	700.0	7.0	5.6	228.7	22.3	16.7	14.7	310.1	333.7	8.2	91.0	11.6	56.
11.4	35.9	3402.9	675.0	5.4	3.6	228.0	21.4	15.9	14.3	311.7	332.9	7.4	88.1	12.9	55.
12.9	34.6	3711.1	650.0	3.5	1.7	226.6	21.2	15.4	14.6	312.5	332.4	6.7	88.4	14.3	54.
14.1	41.0	4026.0	625.0	1.4	-0.6	224.7	19.1	13.4	13.6	314.3	331.6	5.9	86.7	15.8	53.
15.4	43.7	4357.5	600.0	-0.1	-3.0	223.4	17.7	12.2	12.9	316.0	331.3	5.1	81.2	17.2	53.
16.7	46.3	4698.0	575.0	-1.4	-5.6	219.3	17.9	11.4	13.9	318.5	332.2	4.4	70.7	18.6	52.
18.3	49.1	5051.9	550.0	-2.7	-7.6	215.4	18.7	10.8	13.2	320.5	333.1	3.9	69.1	19.9	51.
19.3	52.0	5418.4	525.0	-5.7	-10.0	210.7	17.2	10.5	14.0	321.6	332.3	3.4	71.6	21.3	50.
20.4	54.8	5801.4	500.0	-7.0	-15.4	205.1	14.0	9.4	10.4	324.6	332.1	2.3	51.3	22.4	49.
21.6	57.7	6211.3	475.0	-8.6	-13.7	203.3	12.0	10.2	6.3	327.2	336.4	2.0	66.2	23.4	49.
23.3	60.6	6618.8	450.0	-10.4	-16.8	202.0	13.2	11.7	6.2	329.5	337.4	2.3	60.3	24.4	50.
24.4	63.9	7058.3	425.0	-13.4	-20.5	201.8	17.1	14.4	9.1	331.8	337.7	1.8	55.0	25.6	50.
26.3	66.9	7514.8	400.0	-17.2	-23.2	201.4	18.4	15.7	9.9	332.7	337.7	1.5	59.3	27.5	51.
27.9	71.3	7995.6	375.0	-21.0	-25.1	201.3	16.4	15.5	9.9	333.8	338.6	1.3	69.6	27.3	51.
29.7	71.7	8502.0	350.0	-24.5	-31.0	200.6	17.1	15.6	7.1	337.7	334.6	0.8	55.0	30.9	52.
31.4	77.3	9038.1	325.0	-22.4	-35.9	200.1	20.1	16.7	7.5	337.2	339.5	0.5	48.5	32.9	53.
33.3	81.0	9606.1	300.0	-33.2	-40.3	200.7	22.9	21.9	9.0	338.2	339.9	0.4	48.8	35.2	54.
35.2	84.9	10211.5	275.0	-38.2	-44.9	200.9	23.0	21.2	9.8	339.9	340.9	0.2	48.8	37.6	55.
37.4	89.0	10860.3	250.0	-43.4	-49.9	200.4	26.6	27.0	9.6	341.6	340.9	0.9	550.9	41.0	56.
39.6	93.3	11560.5	225.0	-49.4	-54.9	200.4	33.7	32.7	8.4	342.8	340.9	0.9	999.9	45.0	57.
41.9	98.0	12323.7	200.0	-52.4	-59.9	200.5	28.2	28.2	1.7	349.6	340.9	0.9	559.9	49.2	58.
44.9	102.8	13179.4	175.0	-51.5	-59.9	201.4	26.6	26.6	-0.7	356.7	340.9	0.9	999.9	53.3	62.
47.9	104.5	14156.6	150.0	-59.0	-59.9	200.8	31.0	20.4	4.0	368.2	340.9	0.9	999.9	56.9	64.
51.4	114.5	15285.0	125.0	-63.0	-59.9	200.7	19.4	19.1	3.5	379.2	340.9	0.9	999.9	61.0	65.
55.4	121.3	16646.5	100.0	-66.5	-59.9	200.5	11.6	11.1	3.3	399.2	340.9	0.9	999.9	64.9	65.
60.5	129.5	18405.4	75.0	-62.6	-59.9	199.6	5.0	-2.1	4.6	411.6	340.9	0.9	999.9	66.9	67.
68.1	139.5	20918.3	50.0	-54.1	-59.9	109.0	7.2	-6.8	2.3	811.4	340.9	0.9	999.9	65.1	64.
79.2	131.5	25453.6	25.0	-45.3	-59.9	82.7	12.9	-12.8	-1.4	443.6	340.9	0.9	999.9	61.3	61.

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

STATION NO. 433
SALEM, ILLINOIS
7 JUNE 1979
2005 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	POT Y DG M	RR STO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.9	175.0	887.6	27.8	20.9	210.0	7.2	3.6	0.2	322.6	344.5	16.8	66.0	0.8	0.
99.9	99.9	1800.8	1800.8	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	3.2	288.9	575.0	26.4	20.2	211.7	19.3	7.9	12.2	301.7	343.1	15.6	69.0	0.4	27.
1.1	11.5	517.9	450.0	23.9	19.0	216.5	13.1	7.4	10.0	301.4	340.8	14.0	74.3	0.9	30.
2.1	13.9	750.9	425.0	21.6	18.5	220.0	12.0	7.9	9.1	301.4	340.6	14.7	82.9	1.5	33.
2.9	16.3	988.7	400.0	19.8	18.2	220.6	12.3	9.5	7.6	301.5	341.7	14.9	91.3	2.1	37.
3.9	18.6	1231.8	375.0	17.9	16.1	242.5	13.4	13.7	7.1	302.4	338.1	13.3	89.2	2.9	43.
4.9	21.2	1480.3	350.0	17.2	14.8	245.0	19.8	17.9	6.3	304.1	336.6	11.9	61.4	3.8	49.
5.4	23.9	1735.4	325.0	15.4	13.2	247.1	23.8	21.1	11.2	304.5	336.0	11.7	66.9	5.1	52.
6.8	26.3	1986.6	300.0	13.8	12.4	241.9	24.7	21.8	11.6	305.5	337.2	11.4	91.0	6.8	54.
7.4	28.9	2244.5	275.0	12.2	10.9	241.6	24.0	21.1	11.4	304.5	336.4	10.7	91.0	7.9	56.
8.6	31.5	2509.5	250.0	10.3	8.5	235.9	27.8	24.1	13.9	307.7	333.9	9.4	86.7	9.3	56.
9.4	34.1	2771.6	225.0	5.0	6.6	238.6	26.4	22.7	13.8	309.2	333.3	8.5	85.2	10.7	57.
10.5	36.9	3112.0	200.0	7.2	5.6	237.8	24.0	20.3	12.6	310.4	333.7	8.2	89.6	12.2	57.
11.5	39.6	3411.3	175.0	5.9	3.4	241.3	22.5	19.7	10.8	312.3	333.3	7.3	83.6	13.6	57.
12.7	42.3	3720.3	150.0	4.3	1.4	251.9	18.9	17.9	5.9	313.6	332.9	6.6	81.6	15.1	56.
14.0	44.2	4039.7	125.0	3.0	-0.2	259.8	16.7	16.4	3.3	315.5	333.0	6.1	79.3	16.3	59.
15.4	46.1	4369.7	100.0	0.6	-1.2	265.6	17.7	17.2	4.4	316.4	334.3	5.9	87.8	17.7	61.
16.7	48.0	4705.9	75.0	-1.1	-2.8	259.9	17.6	17.5	3.4	318.7	335.1	5.4	86.1	19.0	62.
18.0	50.1	5044.4	50.0	-4.0	-5.4	250.8	18.9	18.6	3.7	319.4	333.5	4.7	85.8	20.6	63.
19.2	52.1	5430.3	25.0	-6.4	-12.0	259.7	19.2	18.7	4.4	320.2	330.0	3.1	69.7	21.7	64.
20.5	60.3	5811.2	0.0	-6.8	-93.9	257.7	19.7	19.3	4.2	324.7	325.4	0.2	3.8	23.3	65.
22.0	63.6	6210.7	475.0	-8.4	-55.3	261.2	18.3	16.1	2.5	327.2	327.7	0.0	1.0	24.8	66.
23.5	67.8	6627.6	450.0	-11.1	-42.7	263.9	16.5	14.6	1.5	329.2	330.1	0.2	5.3	26.1	67.
25.2	72.4	7069.2	425.0	-12.2	-60.5	273.2	15.7	15.7	-0.9	332.1	332.4	0.1	22.6	27.9	69.
26.9	74.0	7523.7	400.0	-16.7	-60.5	273.7	16.1	16.0	-1.6	333.2	333.4	0.0	1.0	29.0	69.
28.7	77.7	8004.9	375.0	-20.8	-60.1	279.4	16.2	16.2	-0.1	335.1	335.2	0.0	1.6	30.6	71.
32.4	81.5	8512.8	350.0	-23.9	-65.2	268.2	16.7	16.7	1.1	336.2	334.6	0.0	1.0	32.2	72.
32.1	85.5	9049.5	325.0	-28.2	-61.3	268.8	16.0	15.9	1.4	337.4	337.9	0.0	2.6	33.8	72.
34.1	89.7	9618.4	300.0	-32.7	-40.7	258.8	19.7	16.4	3.8	339.4	340.7	0.4	44.0	35.8	73.
36.2	93.0	10225.2	275.0	-37.2	-45.4	263.2	25.0	24.6	3.8	342.4	342.2	0.2	40.8	38.6	73.
39.4	98.6	10976.5	250.0	-42.9	-59.9	268.1	28.1	26.1	0.9	342.4	999.9	99.9	99.9	45.3	75.
43.2	109.3	12353.9	200.0	-50.8	-60.9	248.7	22.0	22.0	0.5	352.1	999.9	99.9	999.9	48.4	76.
48.0	118.8	13211.6	175.0	-56.7	-59.9	273.3	23.6	23.5	-1.3	356.4	999.9	99.9	999.9	52.4	78.
49.2	121.0	14169.5	150.0	-60.8	-60.9	261.3	21.7	21.5	3.3	365.4	999.9	99.9	999.9	56.6	78.
53.3	126.0	15110.8	125.0	-61.5	-59.9	260.8	17.5	17.3	2.8	363.6	999.9	99.9	999.9	65.0	79.
57.4	136.0	16673.6	100.0	-67.5	-60.9	272.1	12.7	12.6	-0.5	359.2	999.9	99.9	999.9	65.0	79.
62.9	145.3	17630.7	75.0	-64.3	-59.9	133.7	3.1	-2.2	2.1	438.1	949.6	59.9	555.9	67.0	79.
70.8	153.0	23666.0	50.0	-54.9	-61.9	169.5	6.6	-6.3	1.6	416.2	599.9	59.9	999.9	65.7	78.
82.4	163.0	25677.8	25.0	-46.8	-59.9	99.5	99.5	99.9	99.9	650.2	599.9	59.9	999.9	80.7	77.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 423
SALEM, ILLINOIS
7 JUNE 1979
2305 GMT

153 11. 0

TIME MIN	CHTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPFDD M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG R	E POT T CG K	MR STD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.2	175.0	987.2	27.8	20.1	210.0	7.7	3.8	6.7	302.1	342.7	15.2	63.0	0.0	3.0
0.5	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	997.0
1.0	13.3	285.2	975.0	25.9	18.2	215.8	5.7	6.1	7.3	301.2	337.6	13.6	82.8	0.3	3.4
1.2	12.4	513.6	950.0	23.2	18.2	223.5	11.2	8.5	7.3	300.2	338.0	14.0	73.4	0.4	4.2
2.2	14.6	746.4	925.0	21.4	18.4	235.8	13.6	11.3	7.7	331.2	360.1	14.8	83.4	1.5	4.2
3.0	14.4	974.2	900.0	20.1	17.2	239.4	14.6	12.6	7.4	302.2	339.6	13.9	83.7	2.2	5.7
4.1	14.0	1227.5	875.0	18.8	13.2	248.9	14.5	13.5	5.3	303.2	333.2	11.0	70.1	3.1	5.0
5.0	21.1	1476.9	850.0	18.3	10.5	255.6	14.6	15.1	3.9	305.3	331.4	7.4	60.2	3.9	5.4
5.9	23.5	1772.5	825.0	16.6	9.4	257.6	15.0	14.6	3.2	306.1	331.2	9.0	62.6	4.6	6.1
6.7	25.4	1924.3	800.0	15.2	9.1	255.7	13.5	13.6	2.5	307.4	331.2	8.5	62.3	5.4	6.8
7.6	24.2	2263.0	775.0	13.7	6.6	265.5	13.5	13.5	1.1	338.8	331.0	7.9	62.1	6.2	6.5
8.4	32.5	2419.1	750.0	12.3	6.7	267.4	14.7	14.6	0.7	309.5	333.5	7.2	62.1	7.0	6.2
13.3	34.9	2427.4	725.0	10.4	3.4	269.9	14.4	15.4	0.3	312.6	330.3	6.9	63.8	8.0	7.1
11.2	34.4	3114.7	700.0	8.3	1.7	274.4	14.4	14.8	0.9	311.7	329.8	6.2	63.1	9.1	7.1
12.3	37.9	3613.8	675.0	6.3	1.7	277.4	14.2	14.2	0.6	312.7	331.4	6.6	72.3	10.1	7.6
13.4	43.6	4173.1	650.0	5.0	-2.6	267.9	14.0	14.0	0.5	314.7	331.4	5.7	67.1	10.9	7.6
14.5	43.0	4342.8	625.0	3.3	-0.9	270.5	14.2	14.3	0.4	316.2	333.3	5.7	73.6	11.9	7.2
15.9	43.7	4373.7	600.0	1.6	-4.7	273.2	15.7	15.6	-0.9	318.2	331.8	4.5	61.7	13.0	7.4
17.2	44.3	4716.4	575.0	0.0	-8.9	277.6	14.1	13.9	-2.4	320.0	333.2	4.3	64.3	14.1	7.4
19.4	51.1	5271.4	550.0	-1.1	-25.7	281.4	14.0	13.7	-2.8	322.7	329.6	0.8	13.3	15.1	8.1
19.6	51.9	5460.3	525.0	-4.0	-27.3	282.3	14.9	14.4	-3.1	323.6	329.2	0.6	14.2	16.0	8.2
20.4	58.0	5924.2	500.0	-4.6	-37.7	282.1	14.1	13.6	-2.9	326.2	327.3	0.3	7.8	17.0	8.3
22.3	53.8	6724.1	475.0	-6.2	-45.1	277.8	12.3	12.2	-1.7	327.8	328.0	0.0	1.0	18.1	8.8
23.8	61.8	6461.5	450.0	-11.1	-46.9	272.3	10.4	10.6	-0.4	329.1	329.5	0.0	1.0	17.1	9.5
25.2	63.9	7077.9	425.0	-13.9	-41.1	272.9	8.5	8.9	-0.5	331.1	311.4	0.1	2.7	21.0	9.1
24.8	64.1	7535.5	400.0	-17.4	-60.4	281.2	5.9	6.6	-1.9	332.3	317.4	0.0	1.1	20.7	8.6
24.2	72.4	8162.1	375.0	-20.8	-48.6	273.3	10.7	10.7	-0.6	334.1	314.4	0.1	3.0	21.7	8.1
24.8	73.9	8521.5	350.0	-25.2	-58.7	266.3	11.3	11.3	0.7	334.8	315.0	0.0	2.7	22.7	8.5
31.2	79.4	9036.1	325.0	-24.6	-49.6	264.2	13.2	13.2	0.9	337.2	337.8	0.1	14.0	23.1	8.6
32.8	81.1	8624.3	300.0	-33.2	-36.0	256.7	14.2	13.7	4.2	338.5	340.7	0.6	75.9	25.1	8.6
34.7	87.0	12731.6	275.0	-36.7	-41.8	253.1	23.4	21.2	9.9	342.1	343.1	0.3	47.0	27.2	8.1
36.6	91.2	10444.0	250.0	-47.0	51.9	251.2	22.2	21.0	7.2	342.1	343.1	0.3	50.0	30.0	8.1
34.1	93.5	11567.0	225.0	-47.2	90.9	270.7	20.2	20.2	-0.2	346.2	349.9	95.9	95.9	31.1	8.3
41.7	104.2	12352.9	200.0	-52.0	59.9	272.7	20.1	20.1	-0.9	350.4	349.6	59.9	55.9	31.1	9.8
44.8	104.2	13213.1	175.0	-54.0	90.9	270.6	21.9	21.9	-4.8	354.3	349.9	59.9	59.9	34.9	9.1
48.3	111.8	14173.1	150.0	-63.2	50.9	273.2	21.4	21.4	-1.2	361.2	349.9	59.9	49.9	44.3	7.6
52.0	118.8	14293.3	125.0	-64.1	90.9	284.8	17.1	17.4	3.4	378.6	349.6	56.9	55.9	49.0	8.7
56.7	124.8	16641.4	100.0	-68.7	90.9	282.3	10.2	10.1	1.4	395.0	349.6	59.9	59.9	51.3	8.1
62.7	132.0	18742.5	75.0	-61.3	50.9	144.8	2.9	1.5	2.5	444.4	347.6	55.9	55.9	54.2	8.1
73.7	142.0	20242.2	50.0	-54.4	50.9	73.2	4.7	-0.6	0.7	510.4	349.9	99.9	95.9	52.4	8.1
82.9	154.0	25413.6	25.0	-47.9	50.9	81.1	11.4	-11.3	-1.4	646.6	349.9	95.9	95.9	46.4	8.6

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

ORIGINAL PAGES
OF THIS REPORT IS

STATION NO. 433
SALEM, ILLINOIS
0 JUNE 1979
208 GMT

160 19. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEB PT DC C	DIR DC	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DC K	E POT V DC K	HZ RTD G/MKG	RM PCT	RANGE KM	AZ DC
0-0	0-0	115-0	909-0	22-6	19-9	210-0	2-6	1-3	2-3	296-6	335-8	15-0	65-0	0-0	0-
00-9	00-9	909-0	1009-0	59-0	99-0	99-0	99-0	95-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-0	0-0	307-0	975-0	29-6	19-3	230-5	8-0	6-7	4-4	290-9	338-0	14-6	72-5	0-2	43-
1-2	11-0	535-2	950-0	21-2	18-7	246-9	11-5	10-5	4-5	300-7	338-7	14-3	75-0	0-6	57-
2-0	14-1	768-1	925-0	21-6	18-7	253-1	13-9	13-2	4-0	301-4	341-1	14-9	81-9	1-2	63-
2-0	18-0	1008-4	900-0	20-8	17-5	261-2	15-8	14-8	2-3	303-1	341-1	14-1	80-6	1-9	64-
3-7	19-3	1250-4	875-0	17-5	15-0	263-1	14-2	14-1	1-5	304-1	339-6	13-1	75-3	2-7	73-
4-0	21-9	1500-1	850-0	17-7	15-2	262-1	14-4	14-2	2-0	304-7	339-8	12-0	65-1	3-5	76-
5-7	24-6	1795-6	825-0	15-7	13-9	259-1	13-6	13-4	2-6	305-2	336-6	12-7	65-6	4-3	76-
6-7	27-1	2012-0	800-0	13-0	12-1	262-3	13-1	13-0	1-8	305-8	336-7	11-2	90-0	5-2	77-
7-6	24-0	224-1	775-0	12-9	9-9	266-7	11-7	11-6	0-7	307-7	335-5	10-0	62-2	5-9	78-
8-4	31-6	2561-1	750-0	12-5	14-5	273-0	11-9	11-9	-0-6	310-1	329-1	0-6	54-4	6-5	76-
9-6	35-2	2844-8	725-0	10-8	4-0	277-8	13-2	13-0	-1-8	310-5	330-7	7-1	66-0	7-2	81-
10-6	37-9	3135-4	700-0	7-6	3-2	283-5	13-6	13-1	-3-4	310-5	333-8	6-9	74-0	7-9	81-
11-7	43-0	3434-0	675-0	5-5	3-7	291-7	14-9	13-5	-5-9	311-2	333-2	7-5	84-3	6-3	86-
12-0	41-6	3743-0	650-0	2-9	2-1	291-5	15-3	14-0	-6-1	312-7	332-1	6-9	94-5	9-7	89-
13-0	46-0	4042-7	625-0	1-1	-1-7	295-0	16-0	13-5	-3-8	313-7	327-6	4-7	70-5	10-7	91-
15-2	48-5	4377-7	600-0	-1-3	-4-2	291-5	17-6	12-3	-2-5	314-6	328-6	4-7	60-7	11-6	92-
16-4	51-6	4725-6	575-0	-4-0	-7-6	289-2	18-4	11-0	-3-0	315-3	328-7	3-8	76-3	12-5	92-
17-7	55-0	5076-5	550-0	-3-5	-24-1	289-1	19-7	9-1	-4-9	320-0	327-2	0-6	11-9	13-3	93-
19-0	59-0	5466-3	525-0	-3-8	-49-3	294-5	11-0	10-0	-6-9	323-5	328-2	0-1	1-4	14-0	94-
20-3	62-1	5837-0	500-0	-6-7	-41-0	302-8	11-1	9-3	-6-0	324-5	327-7	0-2	4-5	14-8	96-
21-0	65-5	6224-9	475-0	-9-2	-47-6	298-1	9-4	8-9	-4-3	326-8	327-6	0-1	2-7	15-7	97-
23-2	69-9	6614-4	450-0	-12-3	-47-3	279-6	8-2	9-1	-0-9	327-8	328-3	0-1	3-5	16-5	98-
24-0	72-6	7076-1	425-0	-14-5	-44-5	278-5	6-2	9-1	-1-5	330-3	330-6	0-1	1-8	17-3	97-
26-4	76-0	7532-0	400-0	-17-2	-52-1	278-1	4-4	8-3	-1-5	331-2	332-1	0-1	3-2	18-2	99-
27-9	79-8	8011-9	375-0	-21-4	-53-4	277-3	5-6	9-8	-1-2	333-2	333-5	0-1	3-7	19-1	98-
29-7	83-7	8518-9	350-0	-25-0	-48-5	266-5	10-7	10-7	0-7	335-1	335-7	0-1	9-9	20-2	98-
31-0	87-9	9050-9	325-0	-29-4	-36-5	248-9	12-9	11-8	4-3	336-2	338-1	0-5	49-9	21-6	96-
33-0	92-3	9617-4	300-0	-33-0	-71-1	254-9	10-5	14-0	3-8	338-5	339-0	0-0	1-0	23-1	94-
36-1	96-6	10233-7	275-0	-37-5	-74-2	263-2	15-0	14-9	1-3	340-8	340-9	0-0	1-0	25-0	93-
38-3	101-6	10875-5	250-0	-41-5	92-9	278-0	20-0	14-9	-1-4	344-4	340-9	59-9	90-9	27-2	91-
43-9	106-4	11591-7	225-0	-46-5	59-9	285-7	30-2	26-1	-8-2	347-2	340-9	45-9	85-9	30-6	84-
43-7	111-9	12356-6	200-0	-52-2	52-9	283-5	37-1	35-0	-12-4	350-1	340-9	59-9	80-9	36-5	86-
46-0	117-8	13221-0	175-0	-58-7	59-9	271-7	40-7	37-9	-14-7	353-0	340-9	99-9	75-9	43-5	94-
48-3	124-0	14157-6	150-0	-65-3	54-9	279-4	31-8	30-4	-9-5	357-4	340-9	99-9	65-9	51-8	101-
48-5	131-3	14762-2	125-0	-64-7	44-9	262-6	20-6	20-6	-0-1	374-2	340-9	99-9	69-9	57-9	100-
49-3	134-7	14909-5	100-0	-67-2	51-9	270-3	8-2	8-2	-0-0	397-2	340-9	99-9	64-9	62-3	100-
49-4	147-3	14849-4	75-0	-65-9	54-9	181-4	3-4	-1-1	3-2	434-8	340-9	99-9	65-9	62-5	100-
49-5	156-3	20657-5	50-0	-51-7	99-9	71-6	5-1	-4-5	-1-6	608-2	340-9	99-9	60-9	60-2	94-
49-2	165-0	25333-9	25-0	-50-8	59-9	88-2	11-8	-11-0	-0-8	638-7	340-9	95-9	55-9	51-9	101-

0-1V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0-9V TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00-9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS
8 JUNE 1978
905 GMT

TIME MIN	CHCY	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DG M	POT 2 DG M	WIND CM/KG	RM PCT	RANGE KM	AZ DG
0.0	1.7	175.0	991.0	22.8	20.3	170.0	2.6	-0.5	-2.6	296.7	336.8	15.4	86.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	9.2	318.1	975.0	24.2	22.0	227.4	7.3	5.4	4.9	299.6	342.3	16.2	81.3	0.2	359.
1.3	11.5	546.8	950.0	24.2	22.0	229.0	9.1	6.8	6.1	301.7	349.1	17.9	80.0	0.5	31.
2.3	13.9	781.1	925.0	22.8	21.9	232.8	10.6	8.5	8.4	302.6	351.1	18.2	94.8	1.1	41.
3.1	16.3	1020.7	900.0	21.1	20.3	242.1	11.4	10.1	5.4	303.3	348.9	18.9	94.9	1.6	46.
3.9	18.6	1264.7	875.0	19.5	19.1	252.1	10.7	10.4	2.0	304.1	344.9	15.2	91.5	2.2	52.
4.2	21.2	1514.7	850.0	17.6	16.3	251.5	6.3	8.2	1.2	304.2	342.2	13.9	92.6	2.6	57.
5.8	23.7	1770.1	825.0	15.5	14.6	259.7	7.7	7.6	1.6	305.0	339.8	12.9	94.4	3.0	61.
6.6	26.2	2031.4	800.0	13.8	12.9	251.9	9.3	6.8	2.9	307.5	333.3	11.4	94.7	3.5	61.
7.6	28.9	2259.6	775.0	12.7	11.9	244.6	8.2	7.8	2.9	307.4	331.9	11.6	94.7	4.0	64.
8.6	31.3	2474.1	750.0	11.6	7.9	256.1	7.0	6.8	1.7	309.1	327.1	6.3	94.7	4.9	64.
9.7	34.0	2657.3	725.0	11.2	2.1	262.4	7.0	7.7	1.0	311.4	329.8	6.2	93.4	4.9	66.
10.7	36.7	3150.3	700.0	6.6	1.5	265.7	9.3	9.2	0.7	312.0	329.8	6.1	91.0	5.1	67.
11.4	39.4	3657.0	675.0	6.1	-0.5	269.6	9.8	9.8	0.1	312.4	329.8	5.5	82.5	5.9	70.
13.0	42.2	3758.1	650.0	1.4	-0.4	272.0	10.0	10.0	-0.4	312.6	329.8	5.6	76.4	6.6	72.
14.2	45.1	4074.5	625.0	1.1	-0.0	280.9	5.2	9.0	-1.7	313.6	324.5	3.5	77.2	7.1	74.
15.4	47.9	4404.3	600.0	1.6	-3.7	303.9	9.9	8.2	-5.5	316.0	319.8	0.5	7.7	7.9	77.
16.7	50.9	4745.3	575.0	-0.9	-10.6	311.6	11.1	8.3	-7.4	319.0	324.0	1.8	29.0	8.3	82.
17.9	53.9	5054.6	550.0	-3.2	-24.4	311.1	9.7	7.3	-6.4	320.4	323.0	0.8	14.2	9.1	85.
19.2	57.0	5464.5	525.0	-6.1	-33.8	309.8	6.3	6.5	-5.2	321.1	321.2	0.0	1.0	9.3	88.
20.5	60.1	5860.2	500.0	-7.5	-58.1	303.0	8.2	7.1	-4.1	323.8	325.3	0.0	1.0	9.8	91.
22.3	63.4	6244.9	475.0	-9.6	-59.9	282.4	8.0	7.8	-1.7	326.2	326.9	0.0	1.0	10.5	92.
23.7	66.8	6660.3	450.0	-11.9	-57.5	293.7	9.6	9.2	2.7	328.2	328.4	0.0	1.0	11.3	92.
25.2	70.1	7196.5	425.0	-13.9	-58.7	287.1	9.8	9.2	3.9	331.1	331.2	0.0	1.0	12.2	93.
26.9	73.7	7553.2	400.0	-17.7	-61.2	249.7	10.0	9.3	3.5	332.0	332.1	0.0	1.0	13.3	84.
28.4	77.4	8332.9	375.0	-21.3	-63.5	251.5	11.3	11.2	1.7	333.4	333.4	0.0	1.0	14.1	87.
30.1	81.2	8537.6	350.0	-24.6	-65.6	265.7	12.3	12.3	0.1	335.2	335.4	0.0	1.0	15.3	87.
31.9	85.1	9371.6	325.0	-28.9	-69.5	270.3	14.4	14.4	-0.1	336.8	336.9	0.0	1.0	16.6	88.
33.9	89.2	9640.2	300.0	-32.6	-70.7	277.0	17.3	17.1	-2.1	339.6	339.8	0.0	1.0	18.6	88.
36.1	93.5	10748.0	275.0	-36.6	-71.5	285.9	21.3	20.5	-5.8	342.2	342.3	0.0	1.0	21.1	90.
38.5	98.0	10900.7	250.0	-42.0	-59.9	288.4	26.6	25.3	-8.4	342.7	342.7	99.9	99.9	24.4	92.
42.4	132.6	11607.3	225.0	-47.2	59.9	291.9	27.4	26.8	-5.6	346.1	346.1	99.9	99.9	27.9	94.
46.3	138.0	12377.0	200.0	-52.6	63.9	285.4	32.9	31.0	-10.9	347.1	347.1	99.9	99.9	32.4	95.
48.5	113.5	13226.1	175.0	-54.8	59.9	303.8	36.1	31.0	-14.5	351.2	351.2	99.9	99.9	37.9	99.
49.5	119.5	14174.9	150.0	-66.0	99.9	298.3	31.1	29.5	-9.8	354.2	354.2	99.9	99.9	44.1	102.
51.3	126.3	15275.4	125.0	-67.8	59.9	291.2	22.7	22.3	-4.4	372.2	372.2	99.9	99.9	51.2	102.
57.4	133.7	16608.9	100.0	-69.3	99.7	254.9	7.1	6.9	1.9	393.6	393.6	99.9	99.9	58.7	102.
63.3	142.3	18102.1	75.0	-67.3	59.9	150.2	4.9	-2.4	4.2	435.5	435.5	99.9	99.9	51.4	101.
70.2	152.0	20447.8	50.0	-58.5	59.9	85.4	7.2	-7.2	-0.6	503.4	503.4	99.9	99.9	26.8	101.
80.6	162.5	25248.4	25.0	-51.2	59.9	87.1	13.3	-13.3	-0.7	637.7	637.7	99.9	99.9	14.2	102.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS
8 JUNE 1970
005 CDF

TIME MIN	CATCY	WEIGHT GPH	WRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DG M	E POT T DG K	HI WTD GR/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.4	178.0	991.2	22.1	21.6	130.0	2.1	-1.6	1.3	290.6	339.1	16.7	97.0	0.0	0.
00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0	99.0	999.0	999.0	999.0
3.4	6.0	319.1	575.0	22.2	21.3	179.4	9.2	-0.1	9.5	297.1	341.3	16.8	95.0	0.2	34.3
1.2	11.2	548.4	548.0	21.2	22.0	211.5	14.6	7.7	12.6	300.7	348.8	18.3	95.3	0.6	6.
1.9	11.5	715.8	425.0	21.7	20.9	227.6	17.1	12.6	11.6	301.2	348.7	17.1	95.1	1.4	29.
2.7	15.0	1019.5	900.0	21.1	20.2	233.4	14.4	11.0	6.6	303.2	348.7	16.9	95.0	2.0	36.
3.4	19.3	1241.8	675.0	15.2	16.9	236.5	12.7	10.0	7.0	303.4	345.2	14.4	94.7	2.7	41.
9.3	70.7	1512.7	850.0	17.8	16.9	236.5	11.9	10.1	6.2	304.4	343.9	14.5	94.5	7.3	44.
9.2	23.2	1776.2	825.0	17.8	14.9	237.7	9.4	8.0	4.8	305.2	340.5	12.9	93.7	3.8	46.
6.2	20.0	2010.0	800.0	14.4	13.2	237.9	9.4	8.0	5.0	306.3	339.7	12.1	93.0	6.3	46.
7.1	29.2	2799.6	775.0	12.3	10.7	240.8	8.2	6.1	4.3	308.1	337.4	10.5	92.1	4.9	49.
0.0	32.8	2573.1	750.0	12.5	7.3	243.6	6.8	7.9	3.9	310.2	334.7	8.6	70.3	5.3	50.
0.0	33.4	2453.3	725.0	11.0	5.8	249.1	10.1	9.5	3.6	311.2	334.5	6.0	70.5	9.8	52.
7.9	36.1	3151.6	700.0	9.0	4.1	252.5	10.5	10.0	3.2	312.2	333.7	7.4	71.2	6.4	53.
11.1	39.9	3452.5	675.0	7.1	2.9	246.5	5.6	8.0	3.0	313.4	333.9	7.0	74.6	7.1	55.
13.4	41.6	3762.1	650.0	4.5	3.3	247.2	7.3	4.8	2.8	314.1	335.0	7.5	91.7	7.7	56.
13.5	41.6	4081.7	625.0	2.0	1.4	271.8	5.7	5.7	-0.2	315.5	335.9	6.8	80.3	8.1	57.
18.6	47.2	4417.1	600.0	0.8	-0.5	307.7	4.4	3.5	-0.7	317.1	335.4	6.2	90.4	8.3	59.
18.3	53.2	4753.6	575.0	-0.3	-12.7	328.6	4.1	2.3	-2.4	319.4	327.5	2.5	35.5	6.4	61.
17.2	51.1	5109.4	550.0	-2.1	-7.2	316.7	3.7	2.5	-2.7	321.4	334.1	4.1	68.4	6.4	63.
18.5	56.3	5476.5	525.0	-4.6	-11.5	278.5	6.4	4.3	-0.6	322.9	332.5	3.0	58.1	6.5	64.
19.9	59.4	5859.3	500.0	-4.7	-11.8	253.5	6.4	6.1	1.0	324.5	334.8	3.1	64.6	9.2	65.
21.4	61.6	6256.9	475.0	-6.9	-10.5	255.1	6.1	7.8	2.1	327.0	330.1	0.9	22.2	9.4	66.
22.8	63.9	6473.7	450.0	-11.2	-8.0	245.1	6.0	8.2	3.8	329.1	329.3	0.0	1.0	10.4	66.
25.4	67.3	7111.9	425.0	-14.0	-58.8	235.9	6.1	6.7	4.6	331.6	331.1	0.0	1.0	11.2	66.
25.9	72.0	7589.0	400.0	-17.7	-61.2	238.4	6.1	6.8	4.3	332.0	332.1	0.0	1.0	11.9	65.
27.2	74.6	8048.0	375.0	-21.6	-26.5	259.3	10.7	10.4	2.0	333.0	335.0	0.5	30.7	12.6	65.
23.9	87.3	8594.2	350.0	-21.8	-29.6	265.6	6.1	6.1	0.5	336.4	339.9	0.9	53.7	13.6	67.
33.5	84.3	9090.9	325.0	-27.8	-32.3	324.5	5.2	1.0	-1.4	338.4	341.2	0.0	64.7	13.6	67.
32.2	84.5	9635.4	300.0	-31.3	-30.3	307.5	5.2	4.1	-3.2	341.3	342.9	0.4	44.7	13.6	68.
30.3	92.4	10273.1	275.0	-35.4	-31.5	297.5	12.3	11.7	-3.7	344.6	345.1	0.3	42.8	14.9	71.
30.3	97.6	10929.9	250.0	-41.3	-34.9	285.3	17.7	17.1	-4.7	349.7	349.9	99.9	55.9	16.3	75.
31.7	102.2	11635.5	225.0	-47.0	-39.9	280.0	22.7	22.4	-6.0	346.2	346.2	99.9	55.9	16.8	79.
48.5	107.5	12405.5	200.0	-52.2	-35.0	284.8	23.4	24.8	-5.5	349.9	349.9	99.9	55.9	23.0	83.
48.4	113.3	13257.9	175.0	-58.3	-39.9	289.7	20.5	19.3	-6.8	353.7	349.9	99.9	49.9	27.8	84.
47.4	119.5	14211.3	150.0	-65.0	-39.9	291.8	18.3	17.9	-7.9	356.7	349.9	99.9	55.9	29.7	89.
50.7	126.3	15245.3	125.0	-70.9	-39.9	286.4	11.6	18.8	-5.5	360.7	349.9	99.9	55.9	31.6	90.
46.4	136.0	16671.7	100.0	-65.6	-39.9	227.0	6.5	3.2	5.0	363.2	349.9	99.9	55.9	36.3	92.
43.0	143.0	14157.4	75.0	-61.5	-39.9	259.6	3.8	3.6	0.7	433.4	349.9	99.9	55.9	36.3	89.
68.1	151.3	20954.9	50.0	-60.9	-39.9	46.9	8.5	-8.5	-0.5	500.0	349.9	99.9	55.9	33.8	90.
61.9	160.3	25320.9	25.0	-51.2	-39.9	99.0	99.9	99.9	99.9	637.5	349.9	99.9	55.9	26.6	90.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0.9 BY TEMP MEANS TEMPERATURE OR TIME PAVE REFIN INTERPOLATED
90 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS
8 JUNE 1978
1105 GMT

102 10. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEB PT DG C	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	PCY 1 DG K	R POF 1 DG K	WX BTD GPKG	RM PCT	RANGE KM	AZ DG
0-0	7-6	175.0	992.4	22.4	22.1	160.0	3.4	3.4	296.4	340.8	17.2	97.0	0.0	0-
0-9	9-9	99.0	1000.0	22.0	22.0	99.0	9.9	9.9	99.5	590.9	59.0	99.0	99.0	99.0
0-5	9-3	330.2	675.0	22.9	22.3	217.1	12.2	7.3	298.2	344.0	17.7	96.3	0.3	13-
1-2	11-8	557.7	650.0	22.8	22.2	227.1	13.6	10.0	300.2	347.8	18.0	96.5	0.8	31-
2-0	14-3	791.2	625.0	22.4	21.7	240.6	11.1	6.2	302.2	350.0	18.0	96.1	1.4	42-
2-7	16-8	1030.9	600.0	22.0	20.7	248.1	10.7	6.9	304.2	350.7	17.4	97.2	1.9	48-
3-5	19-2	1274.2	675.0	20.3	19.2	244.9	7.6	6.9	304.5	348.8	16.3	93.4	2.3	31-
4-3	21-8	1526.7	650.0	18.2	17.2	238.2	6.2	5.3	305.2	345.2	14.8	94.2	2.6	53-
5-2	24-4	1767.6	675.0	16.3	15.4	228.9	6.5	4.9	305.6	342.7	13.5	94.4	2.9	53-
6-3	27-1	2044.9	800.0	14.5	13.4	227.7	9.6	7.1	306.6	340.1	12.2	97.8	3.2	52-
6-6	29-7	2313.6	775.0	14.1	6.0	232.7	11.3	9.0	309.6	333.7	8.8	66.6	3.8	57-
7-7	32-4	2590.8	750.0	13.5	4.2	231.2	10.0	7.8	311.2	331.2	6.9	53.4	4.3	57-
8-6	35-2	2875.5	725.0	11.9	1.5	236.4	10.0	6.1	312.5	229.7	5.9	45.0	4.4	52-
9-6	38.0	3164.3	700.0	5.8	1.3	237.9	10.0	6.5	313.4	331.1	6.0	55.3	5.5	52-
10-6	40-9	3468.3	675.0	6.7	2.7	238.7	9.5	6.1	313.2	333.3	6.9	72.4	6.0	51-
11-5	43-4	3774.4	650.0	3.9	1.9	236.4	8.6	7.0	313.2	333.1	6.4	87.2	6.6	51-
12-6	46-8	4066.4	625.0	1.5	-2.0	236.5	6.7	5.1	314.2	329.0	5.0	72.8	7.1	51-
13-7	49-6	4425.0	600.0	0.2	-8.7	229.9	4.9	3.7	316.2	226.6	3.3	51.4	7.6	53-
14-9	52-9	4767.5	575.0	-1.2	-11.9	218.5	4.4	2.7	318.6	327.0	2.7	43.6	7.7	53-
16-0	56.0	5144.4	550.0	3.6	-15.1	205.7	4.9	2.1	319.4	324.5	2.2	41.1	8.0	57-
17-2	59.3	5488.5	525.0	-4.6	-17.6	204.1	5.3	2.2	320.2	324.8	4.1	67.6	8.3	51-
18-4	62.5	5805.2	500.0	-7.3	-23.1	225.4	8.1	4.3	324.1	325.1	0.3	6.6	8.7	50-
19-7	65-9	6142.8	475.0	-10.6	-22.0	236.5	7.5	6.3	325.6	326.3	0.2	5.2	9.3	52-
21-3	69.4	6677.4	450.0	-13.0	-21.4	239.1	8.7	7.4	327.6	227.3	0.1	2.3	10.0	51-
22-4	73.0	7110.8	425.0	-15.1	-20.3	237.6	9.5	8.0	329.6	229.8	0.1	1.9	10.9	51-
24-4	76.7	7506.6	400.0	-17.3	-20.4	248.5	9.4	6.7	331.2	311.0	0.1	6.5	11.7	52-
25-9	80.5	8048.5	375.0	-22.4	-37.1	233.7	9.8	9.8	332.8	333.9	0.4	24.6	12.6	56-
27-8	84.4	8549.9	350.0	-27.2	-30.3	244.0	8.9	6.9	337.5	340.2	0.9	51.1	13.4	54-
29-6	88.5	9070.3	325.0	-32.9	-37.9	269.8	15.5	15.5	341.2	340.2	0.4	30.0	14.5	52-
31-4	92.8	9606.5	300.0	-38.5	-43.7	278.8	21.6	21.3	343.7	344.6	0.2	17.1	16.1	63-
33-2	97.4	10240.8	275.0	-44.2	-48.4	260.2	25.7	25.2	344.7	345.4	0.2	23.4	18.2	68-
35-6	102.2	10934.4	250.0	-49.5	-54.9	262.0	26.6	26.0	345.9	999.9	59.9	99.9	21.2	73-
37-6	107.3	11648.3	225.0	-46.2	-59.4	263.2	27.4	27.4	347.4	999.9	56.8	99.9	24.0	77-
40-2	112.8	12421.5	200.0	-51.8	-69.9	269.7	30.7	26.9	350.2	999.9	59.9	99.9	24.5	81-
43-0	119.8	13276.5	175.0	-57.9	-79.9	292.1	38.2	28.0	354.2	999.9	59.9	99.9	24.5	86-
46-3	125.0	14237.2	150.0	-67.9	-89.9	281.3	23.8	23.4	360.1	999.9	59.9	99.9	24.5	92-
49-5	132.0	15336.3	125.0	-71.0	-99.9	284.8	12.1	11.7	364.2	999.9	59.9	99.9	24.5	98-
54-0	139.7	16574.1	100.0	-67.6	-99.9	295.1	0.9	9.6	367.2	999.9	59.9	99.9	24.5	91-
59-7	148.0	18388.6	75.0	-65.8	-99.9	164.3	5.1	4.9	434.4	999.9	59.9	99.9	24.5	81-
64-0	157.0	20384.2	50.0	-54.1	-99.9	91.9	-9.9	0.7	484.2	999.9	59.9	99.9	24.5	87-
71-2	166.0	23379.3	25.0	-50.7	-99.9	84.5	11.9	-11.8	638.4	999.9	59.9	99.9	24.5	84-

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

STATION NO. 481
DODGE CITY, KANSAS

7 JUNE 1979
1115 GMT

ISS 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT 1 DG K	E POT Y DG K	MH RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	15.4	791.0	910.5	15.6	14.0	09.0	2.6	-1.7	-2.0	296.6	325.9	11.1	90.0	0.0	0.
09.9	09.9	98.9	1000.0	95.9	92.9	09.9	99.5	99.9	99.9	99.5	999.9	59.9	999.9	999.9	999.9
09.9	09.9	98.9	975.0	59.9	59.9	09.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
09.9	09.9	98.9	950.0	59.9	59.9	09.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
09.9	09.9	98.9	925.0	16.0	16.4	09.9	99.9	99.9	99.9	298.7	333.5	13.2	98.6	999.9	999.9
0.3	14.5	890.2	875.0	19.5	11.3	599.9	99.5	59.9	99.9	304.0	330.5	9.7	59.1	999.9	999.9
1.4	19.0	1131.9	850.0	21.7	8.4	599.9	99.5	99.9	99.9	308.4	332.2	8.2	42.5	999.9	999.9
3.2	21.5	1381.6	825.0	20.5	8.0	099.9	99.9	99.9	99.9	310.3	333.6	8.2	44.5	999.9	999.9
4.2	24.6	1407.6	800.0	18.9	59.5	099.9	99.9	99.9	99.9	311.0	333.6	8.2	44.5	999.9	999.9
5.3	29.2	2177.9	775.0	15.9	59.9	099.9	99.9	99.9	99.9	312.4	333.6	8.2	44.5	999.9	999.9
6.1	31.9	2454.8	750.0	14.6	59.9	099.9	99.9	99.9	99.9	313.7	333.6	8.2	44.5	999.9	999.9
7.3	34.5	2740.0	725.0	12.0	6.4	599.9	99.9	99.9	99.9	314.0	333.6	8.2	44.5	999.9	999.9
8.2	37.1	3033.3	700.0	10.4	8.1	099.9	99.9	99.9	99.9	315.2	333.6	8.2	44.5	999.9	999.9
9.4	39.9	3334.7	675.0	8.9	-31.4	599.9	99.5	99.9	99.9	316.7	333.6	8.2	44.5	999.9	999.9
10.7	42.7	3645.9	650.0	6.8	-6.5	269.6	8.2	8.2	1.4	318.7	327.8	3.6	38.3	2.8	107.
11.9	45.6	3967.0	625.0	4.0	-1.3	257.8	8.6	8.4	1.8	317.0	333.7	5.6	69.9	3.4	102.
13.1	48.4	4297.5	600.0	0.6	-0.2	254.3	7.5	7.2	2.0	316.5	335.5	6.3	94.1	3.0	98.
14.4	51.4	4638.1	575.0	-2.0	-8.4	254.4	6.9	6.7	1.7	317.7	332.3	4.9	84.0	4.4	95.
16.0	54.5	4993.8	550.0	-3.2	-41.2	249.0	6.2	6.0	3.1	320.3	321.0	0.2	7.8	5.1	92.
17.6	57.6	5358.1	525.0	-3.4	-52.1	247.2	11.5	10.6	4.5	324.2	324.5	0.1	1.0	5.9	88.
19.3	61.0	5742.5	500.0	-5.4	-33.4	257.9	13.2	12.9	2.8	326.4	326.6	0.1	1.0	7.1	87.
21.9	64.0	6142.4	475.0	-8.9	-55.5	267.7	14.1	14.1	0.1	327.0	327.2	0.0	1.0	8.5	85.
24.4	67.4	6557.9	450.0	-11.0	-77.9	270.3	14.2	14.2	-0.2	327.6	327.7	0.0	1.0	9.8	84.
26.0	70.8	6990.3	425.0	-16.7	-71.3	270.8	14.2	14.2	1.2	328.1	328.4	0.0	1.3	12.7	82.
28.9	74.3	7442.1	400.0	-20.6	-61.2	263.5	14.6	14.2	2.9	330.2	330.6	0.0	1.0	15.0	80.
31.7	78.0	7916.7	375.0	-23.5	-48.9	255.5	15.6	15.5	2.9	330.2	330.6	0.0	1.0	17.2	80.
34.7	81.8	8417.5	350.0	-27.5	-67.5	250.8	16.0	15.6	3.7	331.7	331.7	0.0	1.0	19.1	84.
37.8	85.7	8946.2	325.0	-31.5	-70.2	249.6	14.0	13.1	4.9	333.2	333.3	0.0	1.0	20.7	81.
40.9	89.8	9507.1	300.0	-36.0	-72.3	246.2	14.8	13.5	6.0	334.6	334.6	0.0	1.1	22.7	81.
44.1	94.2	10109.2	275.0	-40.8	99.9	243.3	17.5	16.0	7.0	336.1	336.1	99.9	999.9	25.5	79.
47.4	98.8	10747.5	250.0	-45.1	107.9	241.6	20.7	18.0	9.2	339.0	339.0	99.9	999.9	25.5	78.
50.8	103.6	11445.7	225.0	-47.6	59.9	241.1	19.3	17.7	7.5	343.2	343.2	99.9	999.9	25.5	77.
54.1	109.8	12217.1	200.0	-52.5	59.9	240.8	18.7	17.4	6.7	347.7	347.7	99.9	999.9	25.5	76.
57.4	116.5	13067.7	175.0	-57.9	59.9	239.7	16.4	14.3	8.4	354.3	354.3	99.9	999.9	25.5	74.
60.8	123.3	14031.0	150.0	-61.4	99.9	248.2	21.8	21.8	8.7	364.3	364.3	99.9	999.9	25.5	74.
64.2	130.9	15159.8	125.0	-63.9	59.9	252.6	25.3	19.5	5.8	378.4	378.4	99.9	999.9	25.5	74.
67.7	141.3	16519.6	100.0	-64.7	99.9	258.7	31.0	11.0	10.7	402.8	402.8	99.9	999.9	25.5	74.
71.5	151.3	18249.8	75.0	-61.9	59.9	224.2	6.2	4.3	4.4	443.2	443.2	99.9	999.9	25.5	70.
75.5	161.3	20419.9	50.0	-57.2	59.9	136.6	5.6	-3.6	4.4	508.7	508.7	99.9	999.9	25.5	70.
80.3	171.7	23161.3	25.0	-46.7	99.9	99.9	99.9	99.9	99.9	650.5	650.5	99.9	999.9	25.5	67.

0 9Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 481
DODGE CITY, KANSAS
7 JUNE 1978
1705 GMT

155 16. 0

TIME MIN	CHFCY	HEIGHT CPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT Y DC H	E POT Y DC K	WX RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	14-8	791.0	916.1	26.1	16.6	40.0	5.3	-6.0	-7.1	307.4	143.2	13.2	56.0	0.0	0.
00-0	99-0	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
00-0	99-0	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
00-0	99-0	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
00-0	99-0	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
0-6	16-1	927.5	900.0	23.6	15.7	5.3	13.3	-0.1	-13.3	305.2	139.5	12.6	63.4	0.5	233.
1-9	19-6	1127.7	875.0	20.7	14.7	29.5	10.4	-5.1	-9.0	305.3	137.6	11.8	66.6	1.3	207.
3-0	21-0	1422.8	850.0	18.5	12.2	30.9	12.1	-6.2	-10.4	305.2	134.6	10.6	68.4	2.3	209.
4-0	23-5	1679.3	825.0	14.2	10.4	32.7	10.0	-6.1	-7.9	307.5	134.9	9.7	60.4	2.7	209.
5-0	26-0	1942.9	800.0	17.5	8.9	52.3	8.0	-4.9	-30.9	309.2	135.3	9.0	57.3	3.2	212.
6-0	29-5	2213.7	775.0	13.3	8.0	77.8	6.8	-6.7	-4.4	310.3	135.1	8.8	61.6	3.6	216.
7-1	31-1	2491.1	750.0	13.4	7.5	102.0	5.7	-5.6	-1.2	311.1	135.9	8.7	67.4	3.6	221.
8-3	33-7	2778.3	725.0	12.9	-0.8	136.2	3.1	-2.2	2.2	313.2	128.4	5.0	38.7	3.9	225.
9-4	36-4	3070.7	700.0	12.0	-2.7	198.0	5.1	1.6	4.9	315.2	129.4	4.5	35.7	3.8	227.
10-6	39-1	3374.3	675.0	10.0	0.6	215.5	7.4	4.3	6.0	316.8	134.5	5.9	31.6	3.3	225.
11-8	41-9	3687.5	650.0	6.3	-2.8	229.0	7.4	5.5	5.0	318.4	132.9	4.8	45.3	2.9	231.
13-1	46-8	4310.1	625.0	5.6	-5.3	241.1	7.2	6.3	5.5	319.9	131.5	4.1	45.2	2.3	237.
14-4	47-7	4382.7	600.0	3.1	-7.4	243.2	7.7	6.9	3.5	319.7	131.0	3.7	46.7	1.7	225.
15-6	51-6	4695.9	575.0	-0.2	-5.6	244.2	8.3	8.3	4.0	319.8	133.2	4.4	66.7	1.1	215.
16-9	53-6	5040.3	550.0	-3.7	-6.5	249.1	12.8	11.9	4.6	319.4	132.8	4.3	81.3	0.7	172.
18-5	56-8	5405.7	525.0	-7.0	-9.9	225.1	14.2	11.9	11.8	320.1	130.7	3.4	75.7	1.3	40.
19-8	59-9	5784.8	500.0	-8.3	-15.5	241.3	18.0	14.1	7.7	321.7	124.5	2.1	55.8	2.4	64.
21-4	63-0	6191.1	475.0	-8.5	-27.1	249.3	17.6	16.4	6.5	326.2	127.5	0.3	8.4	4.1	64.
23-1	66-4	6595.7	450.0	-13.5	-26.7	245.8	17.4	15.9	7.2	326.3	127.6	0.4	12.0	5.9	66.
24-7	69-8	7027.7	425.0	-16.9	-37.2	240.5	17.7	15.4	8.7	327.4	128.7	0.4	15.1	7.5	66.
26-5	73-4	7479.2	400.0	-21.1	-37.2	239.5	17.4	15.0	8.8	327.4	128.9	0.4	20.5	6.5	64.
28-4	77-0	7931.5	375.0	-25.5	-39.2	239.0	17.1	14.6	8.8	327.9	129.1	0.3	26.2	11.4	63.
30-3	80-9	8484.8	350.0	-27.8	-45.6	238.6	18.3	16.7	9.8	321.2	131.9	0.2	14.0	13.5	63.
32-4	84-8	8979.1	325.0	-30.7	-50.2	235.2	20.1	16.5	11.5	334.3	134.0	0.1	12.7	15.9	62.
34-6	89-0	9542.1	300.0	-35.3	-53.6	242.0	22.2	19.6	10.4	335.4	136.0	0.1	13.2	16.6	61.
36-9	93-3	10142.7	275.0	-39.7	-59.9	241.8	24.8	22.0	12.0	337.3	139.9	0.9	855.8	21.7	62.
39-0	97-8	10789.0	250.0	-43.3	-63.9	242.8	23.8	22.9	11.8	341.7	149.9	0.9	999.9	25.2	62.
41-5	102-9	11493.1	225.0	-47.0	-69.9	242.4	22.9	23.0	12.4	348.2	159.9	0.9	999.9	29.2	62.
44-1	109-0	12264.4	200.0	-52.3	-73.4	234.4	22.6	22.4	14.1	349.5	169.9	0.9	999.9	33.3	61.
47-2	111-6	13117.3	175.0	-57.2	-79.9	244.7	33.9	30.7	14.5	355.2	169.9	0.9	999.9	39.0	61.
50-5	123-0	14092.7	150.0	-61.2	-79.9	243.6	27.4	24.7	12.3	364.7	169.9	0.9	999.9	45.7	62.
54-1	127-0	15208.4	125.0	-63.4	-83.9	227.3	19.6	16.1	11.2	379.2	169.9	0.9	999.9	50.2	62.
58-3	135-0	16576.0	100.0	-67.6	-89.9	227.3	15.1	11.1	10.2	404.5	169.9	0.9	999.9	54.3	61.
63-4	144-0	18331.9	75.0	-67.8	-99.9	191.1	8.6	3.7	8.5	439.2	169.9	0.9	999.9	57.8	60.
70-8	154-0	20874.3	50.0	-55.5	-94.9	146.5	6.6	-3.7	5.5	512.7	169.9	0.9	999.9	58.1	57.
82-5	154-3	25399.4	25.0	-46.0	-94.9	103.6	7.0	-6.6	1.6	632.1	169.9	0.9	999.9	56.7	52.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME PAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
7 JUNE 1979
2005 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MP RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.6	791.0	914.3	30.0	10.1	50.0	-5.5	-6.6	311.0	351.3	14.5	49.0	0.0	0.
00.9	09.9	1000.0	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	98.9	975.0	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	99.9	925.0	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	931.0	900.0	20.0	10.7	43.0	-0.5	-0.8	309.1	340.4	13.5	54.0	0.3	240.
1.1	10.4	1179.0	875.0	24.5	15.3	48.0	-0.4	-0.4	309.2	344.6	12.0	57.1	0.7	234.
2.1	23.8	1133.5	850.0	22.4	15.1	55.0	-0.4	-0.7	309.0	345.2	12.8	63.4	1.2	233.
3.3	23.2	1092.2	825.0	19.0	13.6	62.5	-0.4	-0.6	308.7	341.9	12.0	70.8	1.8	235.
4.4	25.7	1056.5	800.0	16.0	12.4	63.4	-0.7	-0.4	309.1	340.9	11.4	75.3	2.3	237.
5.3	24.2	2227.2	775.0	14.9	11.9	60.9	-0.8	-0.5	309.0	341.7	11.4	82.5	2.7	230.
6.4	31.8	2504.7	750.0	12.6	9.9	91.0	-0.0	-0.1	310.0	339.4	10.3	82.4	3.1	241.
7.5	31.4	2789.4	725.0	11.6	4.8	130.0	-0.0	-0.1	310.0	339.4	10.3	82.4	3.1	241.
9.0	30.1	3083.5	700.0	12.0	2.2	190.0	2.0	5.0	315.0	334.7	6.4	51.1	3.2	252.
10.3	30.0	3180.0	675.0	11.3	-1.8	230.1	7.4	4.7	318.2	333.4	5.0	40.1	2.6	259.
11.5	41.6	3702.1	650.0	8.0	-4.0	236.6	8.3	7.1	319.1	331.7	4.1	37.3	2.2	264.
12.7	40.3	4025.3	625.0	6.1	-5.8	230.6	9.1	7.6	319.0	331.7	4.0	41.9	1.7	274.
13.9	47.2	4158.2	600.0	3.1	-6.9	230.0	8.3	6.0	319.7	331.4	3.8	47.0	1.2	292.
15.1	50.2	4701.6	575.0	-0.3	-6.0	222.7	14.1	10.4	317.0	331.8	4.0	61.1	1.2	333.
16.4	53.1	5055.7	550.0	-3.4	-9.4	230.4	14.7	9.4	320.0	330.6	3.4	63.2	1.0	9.
17.9	50.3	5422.0	525.0	-6.5	-12.0	237.4	14.6	7.9	320.0	329.3	2.8	61.0	3.0	27.
19.4	53.4	5801.4	500.0	-9.0	-30.4	242.4	14.9	13.2	320.0	326.6	1.4	38.0	4.1	38.
20.8	62.6	6199.1	475.0	-12.3	-55.7	240.1	10.9	6.4	320.0	326.6	0.0	1.0	5.4	44.
22.2	65.9	6314.6	450.0	-17.3	-57.7	232.9	14.2	10.7	327.0	327.9	0.0	1.0	6.0	47.
23.9	69.3	7047.9	425.0	-16.3	-45.5	227.3	18.1	12.3	328.1	328.7	0.1	5.0	8.7	47.
25.4	72.9	7509.3	400.0	-20.5	-44.6	232.1	18.3	11.3	328.4	329.0	0.2	9.5	10.5	47.
27.5	76.6	7974.2	375.0	-24.6	-47.9	235.9	19.7	11.1	329.0	329.0	0.1	9.3	12.0	49.
29.4	80.4	8474.2	350.0	-26.9	-59.0	229.3	22.4	10.9	332.0	332.7	0.0	3.0	14.9	49.
31.1	84.3	9005.1	325.0	-30.1	-67.4	225.1	24.0	17.0	335.2	335.3	0.0	1.3	17.7	49.
33.3	89.6	9569.9	300.0	-34.4	-67.7	220.1	24.3	18.1	336.7	336.7	0.0	1.9	20.6	49.
35.5	93.0	10172.3	275.0	-38.4	-68.8	230.3	27.1	20.9	339.2	339.4	0.0	2.5	24.0	49.
37.8	97.7	10724.2	250.0	-41.4	-69.9	236.8	27.5	18.0	340.0	339.4	0.0	999.9	26.2	49.
40.3	102.6	11333.3	225.0	-45.7	-99.9	242.5	40.5	18.7	340.0	339.4	0.0	999.9	33.5	51.
43.0	108.0	12111.5	200.0	-49.8	-99.9	247.7	48.3	19.8	340.0	339.4	0.0	999.9	40.5	53.
46.0	113.8	13172.7	175.0	-56.4	-99.9	249.5	48.3	17.7	356.0	339.4	0.0	999.9	49.5	56.
49.2	120.0	14134.6	150.0	-63.0	-99.9	249.0	37.1	13.3	361.0	339.4	0.0	999.9	57.0	58.
52.9	127.0	15249.0	125.0	-63.7	-99.9	237.6	23.4	12.5	370.0	339.4	0.0	999.9	64.2	59.
57.2	134.7	16619.5	100.0	-64.0	-99.9	231.2	15.9	12.1	404.1	339.4	0.0	999.9	68.6	58.
62.7	143.0	18182.5	75.0	-61.6	-99.9	192.7	10.8	10.4	433.7	339.4	0.0	999.9	77.3	57.
70.1	151.7	20265.3	50.0	-67.3	-99.9	141.6	6.2	4.5	508.0	339.4	0.0	999.9	73.3	55.
81.9	160.3	25457.0	25.0	-66.0	-99.9	111.9	0.9	3.2	652.0	339.4	0.0	999.9	71.1	52.

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

STATION NO. 481
DODGE CITY, KANSAS
7 JUNE 1979
2315 GMT

TIME MIN	CMTCF	HEIGHT 604	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR MTO CM/KG	RM PCT	RANGE AZ KM	DG
0-0	14.4	791.0	914.9	27.8	17.9	80.0	7.2	-7.1	-1.3	308.7	248.1	14.3	95.8	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	999.
99.9	99.9	99.9	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.
99.9	99.9	99.9	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.
0-4	15.8	938.0	938.0	24.9	16.2	86.7	7.8	-7.8	-0.4	307.2	343.0	13.1	58.7	0.3	275.
1-2	19.2	1183.0	875.0	23.0	15.6	88.2	8.3	-8.2	-0.8	307.7	343.3	12.9	63.1	0.6	271.
2-1	20.7	1435.4	850.0	20.7	15.6	78.3	8.4	-8.2	-2.0	307.2	244.2	13.2	72.6	1.0	266.
2-9	23.1	1693.0	825.0	18.0	14.8	65.5	8.4	-7.9	-2.9	307.6	343.2	12.9	81.6	1.5	262.
4-0	25.7	1956.6	800.0	16.3	14.1	57.6	8.1	-6.8	-4.3	308.4	343.9	12.8	86.7	2.3	257.
5-2	28.2	2227.2	775.0	14.1	11.3	52.2	6.4	-5.0	-3.9	310.1	340.1	10.7	76.3	2.5	252.
6-3	32.8	2404.0	748.0	11.3	9.8	69.5	4.9	-4.6	-1.7	311.1	340.1	10.3	76.7	2.4	250.
7-4	33.4	2790.1	725.0	11.2	7.6	113.0	2.7	-2.5	1.1	311.7	337.7	5.1	74.6	3.1	251.
9-6	36.1	3383.2	700.0	10.4	5.7	193.2	2.3	0.5	2.3	314.1	337.9	8.3	72.5	3.0	253.
9-7	36.8	3385.6	675.0	9.0	2.8	156.7	4.1	1.2	3.9	314.4	335.0	7.0	69.5	2.9	250.
10-5	41.6	3694.7	650.0	7.3	-4.7	205.9	7.3	3.2	6.5	317.2	327.9	4.2	42.4	2.5	262.
11-9	44.3	4318.7	625.0	5.2	-5.9	214.1	11.3	6.3	9.3	318.5	330.6	4.0	44.5	2.4	275.
13-1	47.2	4950.4	600.0	2.3	-7.3	222.1	13.4	9.0	9.9	319.4	330.2	3.7	49.0	2.1	296.
14-4	50.2	4652.6	475.0	-0.6	-9.3	224.4	12.8	9.0	9.2	319.2	329.6	3.3	51.6	2.0	324.
15-6	53.1	5345.6	452.0	-4.1	-13.0	223.1	12.2	8.3	8.9	319.2	327.2	2.6	45.9	2.4	349.
17-1	56.1	5810.9	525.0	-6.6	-13.0	230.3	12.1	9.3	7.7	320.5	326.2	1.8	40.8	3.0	5.
19-7	59.4	5752.8	500.0	-6.4	-18.7	235.2	14.1	11.6	10.1	325.3	325.7	0.1	2.0	4.0	19.
20-3	62.5	6191.8	475.0	-5.0	-41.4	231.5	16.4	13.0	16.4	326.2	327.6	0.2	5.2	5.2	24.
21-9	65.9	6637.2	452.0	-12.9	-40.6	226.5	17.4	12.6	11.9	327.6	327.9	0.2	7.6	6.9	32.
23-5	69.3	7339.8	425.0	-16.7	-41.9	227.6	18.2	13.5	12.3	327.7	328.4	0.2	9.0	8.5	36.
25-1	72.9	7431.5	400.0	-21.0	-42.9	225.4	18.3	13.7	12.5	327.7	328.5	0.2	11.9	10.3	37.
27-0	76.6	7965.5	375.0	-23.8	-46.9	229.9	20.4	15.0	13.2	330.1	330.6	0.1	5.8	12.4	34.
28-7	80.3	8465.9	352.0	-27.0	-47.6	233.5	22.9	18.4	15.2	332.2	332.9	0.1	12.2	14.7	41.
30-6	84.3	8956.5	325.0	-34.6	-51.6	235.1	24.9	20.4	16.2	334.2	334.9	0.1	10.6	17.4	43.
32-4	89.5	9579.9	300.0	-35.4	-54.5	235.1	28.9	23.1	13.8	335.4	335.9	0.1	11.9	20.1	45.
34-4	93.0	10159.9	275.0	-39.0	-56.7	234.3	34.2	24.3	20.3	338.4	339.0	0.1	13.1	23.6	47.
36-7	97.6	10810.9	250.0	-41.6	-59.9	237.2	38.4	32.3	28.8	344.2	344.9	0.1	95.9	24.7	44.
39-3	102.0	11519.3	225.0	-45.5	-63.9	244.7	42.2	38.1	10.1	348.4	349.9	0.1	95.9	34.8	51.
41-7	104.0	12032.2	200.0	-51.6	-69.9	242.3	47.5	42.1	22.1	351.1	351.9	0.1	95.9	41.1	53.
44-1	113.8	13147.5	175.0	-54.1	-69.9	247.1	48.7	41.2	17.4	354.1	354.9	0.1	95.9	49.0	54.
47-1	127.3	14167.1	150.0	-42.9	-59.9	246.3	23.2	30.9	13.5	361.4	361.9	0.1	95.9	54.5	56.
50-3	127.3	14217.6	125.0	-47.5	-61.9	241.4	36.9	27.1	14.8	372.4	372.4	0.1	95.9	61.1	57.
53-0	135.0	16366.1	100.0	-65.5	-62.9	233.0	18.7	13.3	10.0	401.2	401.2	0.1	95.9	66.1	57.
59-7	144.0	18314.3	75.0	-61.7	-62.9	199.3	9.3	3.1	8.8	443.4	443.4	0.1	95.9	69.4	56.
65-5	154.2	20459.2	50.0	-44.3	-59.9	126.4	6.8	-5.4	4.1	513.1	513.1	0.1	95.9	70.0	54.
76-0	163.7	25371.7	25.0	-48.1	-59.9	113.7	9.9	-9.1	4.0	640.6	640.6	0.1	95.9	68.3	52.

0 AT SPED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
8 JUNE 1978
205 GMT

154 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY V DG M	E POY V DG M	MR ATO GM/KG	RM PCT	RANGE KM	AZ DG
00	14.1	791.0	916.5	21.1	15.0	50.0	8.8	-6.7	-5.7	301.7	233.4	11.6	68.0	0.0	0.
09.9	09.9	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	94.5	599.9	99.9	99.9	999.9	999.9
09.9	09.9	999.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	99.9	999.9	999.9
09.9	09.9	999.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	99.9	999.9	999.9
09.9	09.9	999.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	99.9	999.9	999.9
05	15.7	999.5	900.0	20.4	14.0	33.7	15.0	-6.7	-13.1	302.5	334.7	11.9	70.4	0.3	235.
10.3	18.1	1192.7	875.0	21.3	15.7	53.1	19.0	-13.5	-13.4	305.5	341.2	13.0	70.5	1.3	223.
20.2	20.5	1466.3	850.0	20.0	15.2	53.6	11.5	-9.3	-6.0	307.1	342.5	12.9	74.0	2.1	227.
30.2	22.9	1701.5	825.0	17.9	14.2	62.6	9.0	-8.0	-4.1	307.5	341.9	12.5	75.0	2.6	228.
40.2	25.4	1964.0	800.0	16.2	10.6	79.4	10.6	-10.5	-2.0	308.4	336.6	10.1	69.4	3.1	232.
50.1	27.9	2234.9	775.0	14.9	7.9	93.6	10.2	-10.2	0.6	309.4	334.3	8.7	62.9	3.6	237.
60.1	30.4	2512.1	750.0	13.0	6.6	100.4	9.3	-9.2	1.7	310.7	334.0	6.2	64.7	4.1	243.
70.3	33.0	2796.0	725.0	11.9	6.6	123.5	5.8	-4.9	3.1	312.2	333.8	7.4	61.1	4.5	247.
80.5	35.7	3090.6	700.0	10.7	3.5	170.2	6.4	-0.4	6.4	314.2	333.9	7.1	61.0	4.5	252.
90.5	38.3	3393.3	675.0	9.4	-0.9	198.5	9.1	2.9	8.6	316.1	327.0	5.3	48.8	4.4	258.
100.7	41.0	3705.6	650.0	7.6	-5.6	212.8	11.0	5.9	9.2	317.4	329.5	3.9	38.4	3.9	260.
110.7	43.8	4027.6	625.0	5.1	-6.8	214.9	11.0	6.7	9.6	316.2	329.6	3.7	42.0	3.5	275.
120.7	46.4	4359.2	600.0	1.0	-8.1	213.5	13.5	7.4	11.3	318.2	329.0	3.5	47.6	3.2	266.
130.9	49.5	4700.9	575.0	-1.2	-9.2	217.3	14.0	8.5	11.1	318.2	328.8	3.3	54.8	3.1	305.
140.2	52.5	5053.1	550.0	-4.7	-15.6	223.7	14.3	10.2	10.0	318.4	325.4	2.2	43.5	3.1	325.
150.2	55.5	5418.1	525.0	-6.7	-20.3	230.2	13.7	10.6	8.0	320.4	322.4	0.6	13.4	3.4	343.
160.4	58.5	5798.2	500.0	-8.3	-25.6	218.0	13.5	8.3	10.7	323.0	324.3	0.4	8.0	4.0	358.
170.2	61.0	6194.7	475.0	-10.5	-42.7	212.0	14.0	7.4	11.8	325.0	324.7	0.2	5.2	5.0	5.
220.7	65.1	6408.4	450.0	-13.5	-42.6	212.8	14.4	7.6	12.1	326.2	326.9	0.2	6.4	6.1	10.
220.1	64.5	7040.4	425.0	-16.9	-35.9	213.9	16.3	8.8	13.7	327.4	326.9	0.4	18.3	7.3	14.
230.7	72.0	7492.4	400.0	-20.4	-35.0	213.7	16.5	10.3	15.4	328.6	330.2	0.5	25.6	8.9	17.
240.9	75.7	7967.5	375.0	-23.7	-41.5	210.5	21.7	13.6	17.0	330.2	331.2	0.3	17.5	11.1	21.
270.3	79.5	8468.8	350.0	-26.7	-51.1	230.5	22.4	17.3	14.3	332.8	332.2	0.1	7.8	13.3	25.
290.1	83.5	9001.0	325.0	-29.4	-52.9	240.1	26.7	24.9	14.3	336.2	336.8	0.1	8.1	15.5	30.
300.8	87.5	9567.1	300.0	-33.8	-48.5	235.7	37.0	30.6	20.8	337.7	338.3	0.1	20.8	18.2	35.
320.8	92.0	10173.2	275.0	-37.1	-59.1	236.4	40.6	33.0	23.6	341.2	341.7	0.0	8.0	23.2	39.
360.9	96.6	10826.0	250.0	-41.8	-59.9	235.9	40.3	33.3	22.6	343.9	343.9	99.9	99.9	28.0	42.
370.3	101.4	11532.1	225.0	-46.0	-59.9	234.5	41.5	33.8	24.1	346.4	346.4	99.9	99.9	33.7	44.
400.1	106.6	12303.9	200.0	-52.1	-59.9	234.9	47.8	35.0	27.5	350.1	349.9	99.9	99.9	41.5	46.
430.1	112.5	13156.3	175.0	-57.5	-59.9	236.3	42.1	35.1	23.4	355.1	359.9	99.9	99.9	49.5	48.
460.2	118.8	14120.6	150.0	-62.2	-59.9	223.3	37.3	27.8	24.8	362.9	362.9	99.9	99.9	56.7	48.
490.2	125.7	15233.6	125.0	-67.2	-59.9	231.8	25.3	19.9	19.6	369.3	369.3	99.9	99.9	62.3	49.
530.2	133.7	16382.1	100.0	-67.5	-59.9	191.4	10.9	2.2	10.7	399.2	399.9	99.9	99.9	66.6	48.
570.8	142.3	18322.1	75.0	-65.2	-59.9	174.8	11.5	-1.0	11.4	436.2	436.2	99.9	99.9	68.6	47.
650.2	152.0	20030.6	50.0	-57.7	-59.9	110.9	6.6	-7.9	4.2	527.4	527.4	95.9	55.9	70.8	45.
760.6	161.5	25314.5	25.0	-49.4	-59.9	104.1	10.1	-9.8	2.5	642.5	642.5	99.9	99.9	68.3	42.

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

STATICA NO. 451
DODGE CITY, KANSAS

8 JUNE 1979
905 GMT

137 58. 0

TIME MIN	CNCTF	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MI WTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.4	791.0	916.9	21.1	15.6	40.0	8.2	-0.3	-0.3	301.2	234.4	12.3	71.0	0.0	0.0
00.0	90.9	99.9	1000.0	99.9	59.9	99.9	55.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	975.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	950.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	925.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	900.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	875.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	850.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	825.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	800.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	775.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	750.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	725.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	700.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	675.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	650.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	625.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	600.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	575.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	550.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	525.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	500.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	475.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	450.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	425.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	400.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	375.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	350.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	325.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	300.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	275.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	250.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	225.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	200.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	175.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	150.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	125.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	100.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	75.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	50.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	25.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	0.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME PAVE AFEN INTERPOLATED
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

8 JUNE 1974
895 GMT

132 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	POT Y DE K	W R WYO GM/KG	RM PCT	RANGE AZ KN DG
0-0	13.7	791.0	923.9	15.0	10.6	43.0	98.9	99.9	99.9	298.1	317.5	8.1	75.0	0.0 0.
00.9	99.9	99.9	1000.0	99.9	54.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9 999.9
01.9	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
02.9	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
03.9	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
04.9	14.0	1012.2	900.0	12.9	10.2	359.1	18.6	0.3	-19.6	298.1	318.0	8.7	83.3	0.8 174.
05.9	15.4	1286.8	875.0	11.1	8.8	8.0	18.9	-2.1	-18.6	298.1	317.2	8.2	85.7	1.7 161.
06.9	20.8	1490.8	850.0	10.4	8.8	19.3	16.7	-5.5	-15.8	297.1	319.6	8.4	69.7	2.7 184.
07.9	23.3	1741.0	825.0	13.2	12.0	39.2	13.1	-8.3	-10.2	302.6	331.9	10.8	92.7	3.8 192.
08.9	25.8	2031.3	800.0	14.0	11.0	29.7	-1.1	-2.6	-4.5	306.0	334.8	10.4	82.5	4.3 196.
09.9	24.3	2268.8	775.0	11.3	9.7	302.7	3.1	2.6	-1.7	306.0	333.2	9.8	89.7	4.4 196.
10.9	31.9	2583.4	750.0	12.3	5.2	233.9	8.0	7.3	5.3	309.9	311.1	7.4	82.0	4.2 191.
11.9	34.6	2927.6	725.0	10.9	3.6	237.5	11.3	9.2	6.1	311.4	331.3	6.9	80.7	3.7 186.
12.9	36.1	3119.3	700.0	8.4	2.8	242.8	10.5	9.3	4.8	311.7	331.1	6.7	67.9	3.3 176.
13.9	38.8	3418.9	675.0	5.6	3.2	243.3	11.3	10.1	5.1	312.0	332.7	7.2	84.5	3.1 166.
14.9	41.5	3727.3	650.0	3.7	1.4	241.0	12.8	11.2	6.2	312.2	332.2	6.5	84.4	3.1 151.
15.9	44.3	4035.2	625.0	1.3	0.3	237.0	15.0	12.6	8.1	314.0	332.4	6.3	92.7	3.1 136.
16.9	47.1	4343.1	600.0	-0.8	-1.4	229.4	16.9	12.6	11.2	315.2	332.3	5.8	95.6	3.4 121.
17.9	50.1	4712.3	575.0	-2.9	-3.5	225.4	18.6	13.9	13.7	316.7	332.1	5.2	95.3	3.9 101.
18.9	53.0	5064.7	550.0	-4.1	-6.5	232.3	19.1	15.1	11.7	319.2	330.5	3.7	71.3	4.8 89.
19.9	56.1	5430.4	525.0	-6.3	-10.9	244.6	19.6	17.7	8.4	320.6	330.7	3.2	69.8	6.2 81.
20.9	59.3	5810.6	500.0	-8.1	-11.1	245.8	18.5	17.8	6.0	322.0	332.3	3.3	85.2	7.7 79.
21.9	62.4	6207.0	475.0	-10.0	-13.7	244.1	18.7	16.8	6.2	324.4	333.3	2.8	80.6	9.1 76.
22.9	65.7	6621.1	450.0	-13.8	-15.6	240.4	18.8	17.2	9.8	326.5	335.1	2.5	80.8	10.5 75.
23.9	69.1	7034.7	425.0	-15.9	-18.5	234.6	17.4	17.4	12.4	328.6	335.4	2.1	80.3	11.9 72.
24.9	72.6	7510.3	400.0	-18.4	-20.8	224.9	23.7	16.7	18.6	331.1	337.3	1.8	81.2	13.4 70.
25.9	76.2	7990.7	375.0	-20.1	-23.2	211.8	30.3	16.0	25.8	335.0	340.4	1.6	76.5	15.4 65.
26.9	79.9	8499.0	350.0	-22.0	-24.6	210.0	35.2	17.6	30.5	337.7	337.8	0.0	1.0	18.4 59.
27.9	83.8	9017.2	325.0	-23.4	-27.9	212.4	37.4	20.1	31.6	338.5	336.9	0.0	1.0	21.7 54.
28.9	87.8	9607.6	300.0	-32.3	-36.9	207.6	38.3	16.4	31.3	339.6	341.5	0.4	54.0	24.8 51.
29.9	92.2	10215.1	275.0	-37.2	-74.0	210.0	40.0	20.0	34.7	341.3	341.3	0.0	1.0	28.7 48.
30.9	96.7	10866.1	250.0	-42.7	-99.9	210.0	38.8	19.9	34.4	342.1	341.3	0.0	99.9	34.0 45.
31.9	101.4	11568.9	225.0	-47.8	-99.9	211.7	43.5	22.9	37.0	345.2	349.9	99.9	95.9	40.1 43.
32.9	106.6	12335.9	200.0	-54.0	-99.9	218.9	48.9	26.1	34.9	347.2	349.9	99.9	99.9	46.2 42.
33.9	112.2	13179.4	175.0	-60.6	-99.9	225.9	42.7	30.7	29.8	350.0	349.9	99.9	99.9	52.7 42.
34.9	118.3	14129.8	150.0	-63.2	-99.9	225.6	42.4	30.3	29.6	361.3	349.9	99.9	99.9	60.8 42.
35.9	124.8	15247.8	125.0	-67.1	-99.9	212.6	18.9	18.7	37.2	373.2	349.9	99.9	99.9	65.3 43.
36.9	132.3	16472.5	100.0	-71.4	-99.9	207.9	17.2	8.0	15.2	375.2	349.9	99.9	99.9	68.8 42.
37.9	141.0	18114.5	75.0	-81.9	-99.9	103.1	6.1	-0.1	0.0	443.2	349.9	99.9	99.9	71.8 42.
38.9	149.9	199.9	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
39.9	99.9	99.9	25.0	-95.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9

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

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 481
DODGE CITY, KANSAS

8 JUNE 1979
1115 GMT

157 0. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIA DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MZ RTD CM/KG	RM PCY	PANGE KM	AZ DEG
0.0	13.8	791.0	922.0	11.1	7.8	10.0	12.4	-2.2	-12.2	390.5	310.0	7.2	80.0	0.0	0.
99.9	99.9	99.9	1000.0	55.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	55.9	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
0.5	15.0	992.0	930.0	10.1	6.6	10.6	21.7	-6.2	-20.8	291.5	312.6	7.9	90.7	0.6	191.
1.5	18.2	1228.6	875.0	8.7	7.5	28.2	22.7	-10.0	-20.4	292.4	312.7	7.5	92.6	1.8	191.
2.2	20.5	1467.0	850.0	5.2	9.3	48.8	18.2	-12.9	-12.9	295.4	312.7	8.2	94.2	2.7	203.
3.1	22.9	1718.4	825.0	12.8	12.0	58.6	5.2	-7.9	-5.2	302.1	331.5	10.8	94.9	3.4	210.
3.0	25.4	1977.1	800.0	15.2	7.7	78.1	4.7	-11.6	-4.4	307.2	330.7	8.3	81.3	3.6	211.
4.8	27.8	2285.9	775.0	14.3	2.9	248.2	5.8	1.6	-5.6	309.2	320.2	6.1	61.4	3.9	209.
5.7	32.3	2522.6	750.0	12.2	1.3	299.8	7.7	6.7	-3.9	311.0	327.3	5.6	44.1	4.0	206.
6.7	37.9	2837.5	725.0	12.2	2.0	267.1	10.4	10.3	0.5	312.5	330.7	6.1	49.5	3.9	197.
7.7	35.4	3100.6	700.0	5.9	0.4	243.3	13.2	11.8	5.9	313.2	330.0	5.6	51.4	3.6	187.
8.8	39.1	3402.2	675.0	8.9	-4.4	238.7	15.6	13.4	8.1	315.1	327.9	4.1	40.0	3.0	172.
10.0	43.8	3712.8	650.0	5.7	-3.6	238.3	18.2	14.9	10.7	315.4	329.0	4.5	51.2	2.8	150.
11.1	43.5	4032.7	625.0	2.8	-0.5	228.5	20.3	14.2	14.5	315.6	333.1	5.9	78.9	2.8	122.
12.3	46.2	4302.4	600.0	0.7	-2.4	223.3	20.4	14.0	14.9	316.5	332.9	5.4	79.6	3.4	98.
13.6	49.1	4733.2	575.0	-1.6	-6.2	227.9	20.2	13.7	14.8	317.5	330.7	6.2	71.7	4.5	62.
14.9	52.0	5155.9	550.0	-6.0	-10.2	219.9	21.1	13.5	16.2	319.2	329.3	3.2	62.2	5.8	71.
16.0	55.0	5424.4	525.0	-6.4	-13.5	215.9	20.7	12.2	16.8	320.7	328.8	2.6	51.1	7.0	65.
17.2	58.0	5731.1	500.0	-9.1	-16.8	218.8	20.2	11.5	16.8	322.0	328.6	2.0	53.2	8.4	60.
18.5	61.1	6198.2	475.0	-11.8	-20.6	218.8	20.0	11.4	16.4	323.2	329.2	1.8	59.4	9.8	50.
19.9	64.3	6659.3	450.0	-13.5	-49.5	213.9	21.5	12.2	18.2	326.2	326.8	0.1	3.2	11.5	51.
21.4	67.6	7092.0	425.0	-16.1	-60.1	207.7	21.5	10.2	19.4	328.4	323.5	0.0	1.0	13.4	50.
23.1	71.0	7495.9	400.0	-19.1	-37.0	209.5	21.7	10.7	18.0	330.1	331.6	0.4	18.7	15.3	48.
24.9	74.6	7973.9	375.0	-21.8	-32.7	217.5	25.6	15.7	20.4	332.6	335.1	0.7	36.7	17.7	45.
26.6	78.1	8472.9	350.0	-25.3	66.1	221.3	30.8	20.4	23.1	338.6	338.7	0.0	1.0	20.6	44.
28.4	82.0	9013.7	325.0	-28.1	-67.9	227.4	35.5	24.3	26.0	338.6	338.1	0.0	1.0	24.5	44.
30.2	85.9	9504.1	300.0	-31.7	-70.3	218.3	38.2	23.7	30.0	340.7	340.7	0.0	1.0	28.4	43.
32.2	90.0	10192.3	275.0	-37.2	-55.6	218.2	37.6	21.1	31.1	341.4	341.7	0.0	1.0	33.0	42.
34.4	94.4	10848.0	250.0	-42.4	59.4	218.0	37.1	20.7	30.7	343.1	939.9	55.9	559.9	37.6	41.
36.7	99.2	11548.3	225.0	-47.7	59.9	216.2	45.5	26.0	36.7	345.2	599.9	99.9	999.9	43.1	41.
39.1	104.0	12317.7	200.0	-51.8	99.9	211.6	42.6	26.8	33.8	350.6	999.9	99.9	999.9	50.0	40.
41.9	109.5	13170.7	175.0	-58.5	59.9	211.0	38.7	23.2	30.9	353.4	599.9	99.9	999.9	56.7	40.
45.1	115.5	14130.1	150.0	-63.4	57.9	215.4	41.6	22.3	35.1	361.0	599.9	99.9	559.9	64.1	39.
48.5	122.0	15232.3	125.0	-67.8	59.9	222.3	36.7	20.7	22.7	372.2	599.9	55.5	559.9	71.7	39.
52.3	129.5	16370.4	100.0	-68.6	99.9	229.0	36.1	10.3	9.6	395.2	999.9	99.9	999.9	77.0	39.
57.4	134.3	18330.4	75.0	-67.2	59.9	174.1	5.1	10.9	9.1	440.4	999.9	99.9	559.9	79.4	39.
64.4	149.0	20937.3	50.0	-57.4	59.9	121.5	5.7	-8.3	5.1	508.2	949.9	59.9	599.9	79.7	37.
75.1	161.0	25393.9	25.0	-68.6	59.9	112.9	12.2	-11.2	4.7	644.6	599.9	99.9	999.9	79.1	36.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPERA, KANSAS

7 JUNE 1979
1100 GMT

182 9. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP OC C	DEW PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 3 DG K	E POT 7 OG K	MZ RYO GM/HC	RH PCT	RANGE AZ KM	OC
3.0	9.2	268.0	976.2	19.4	19.4	160.6	2.1	-0.7	2.0	295.1	333.8	14.8	100.0	0.0	0.
99.9	99.9	1000.0	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	975.8	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	10.9	450.0	950.0	19.1	17.9	202.3	7.8	3.0	7.3	296.4	332.6	13.8	92.7	0.3	153.
1.4	13.1	680.0	925.0	16.6	16.8	216.0	11.4	6.7	9.2	298.5	333.5	13.2	88.9	0.7	12.
2.3	15.3	917.1	900.0	20.3	17.1	233.4	15.3	12.5	9.3	302.5	339.4	13.8	81.3	1.4	31.
3.2	17.5	1161.1	875.0	19.8	15.4	238.2	13.8	11.8	7.3	304.4	338.8	12.7	75.5	2.1	41.
4.1	19.7	1410.9	850.0	18.1	13.3	236.0	10.3	8.4	6.1	305.1	336.3	11.4	73.5	2.7	65.
5.0	22.0	1666.5	825.0	16.2	12.0	236.2	8.1	6.7	4.5	305.7	335.4	10.4	76.0	3.2	46.
5.9	24.4	1928.3	800.0	14.1	11.3	237.9	6.4	7.2	6.5	306.2	335.4	10.4	83.0	3.7	48.
6.9	26.6	2196.2	775.0	12.1	10.6	237.9	9.7	7.8	4.9	306.1	335.3	10.3	89.1	4.2	49.
7.9	29.0	2478.5	750.0	9.8	8.2	242.2	9.0	7.9	4.2	307.2	332.9	9.2	90.1	4.7	50.
8.9	31.4	2752.1	725.0	7.9	5.4	240.0	6.7	7.9	3.5	308.1	330.2	7.8	86.2	5.2	51.
10.9	33.9	3041.2	700.0	6.1	3.6	245.4	8.3	7.5	3.4	309.2	329.6	7.1	83.7	5.8	53.
11.3	36.3	3319.1	675.0	4.5	0.9	239.1	7.9	6.8	4.1	310.7	328.3	6.1	77.8	6.3	54.
12.2	38.8	3645.9	650.0	2.9	-2.1	235.6	7.8	6.4	4.4	312.2	327.2	5.1	65.8	6.8	54.
13.4	41.4	3963.5	625.0	1.9	-6.7	242.8	8.8	7.1	3.6	314.7	325.9	3.7	52.7	7.4	54.
14.7	44.0	4291.9	600.0	-0.8	-8.5	249.5	9.0	8.4	3.1	316.1	324.4	3.3	52.5	8.0	55.
15.9	46.7	4632.1	575.0	-1.6	-14.8	253.0	9.3	8.9	2.7	318.1	323.5	2.1	35.6	8.7	56.
17.2	49.4	4984.5	550.0	-3.8	-44.7	259.3	7.1	6.9	1.4	319.4	322.2	0.2	3.5	9.3	58.
18.6	52.2	5349.3	525.0	-6.5	-25.6	257.5	8.6	8.4	1.8	320.6	321.7	0.9	21.2	9.8	59.
20.6	55.1	5728.8	500.0	-9.1	-41.5	256.3	10.6	10.4	2.6	322.0	320.6	0.2	5.6	10.6	60.
21.4	58.6	6124.5	475.0	-11.1	-29.5	261.6	12.0	11.9	1.8	324.2	320.7	0.7	20.1	11.6	62.
23.0	61.0	6537.7	450.0	-13.3	-58.4	271.9	12.5	12.5	-0.4	326.1	320.6	0.0	1.8	12.7	64.
24.7	64.1	6970.6	425.0	-15.8	-60.0	275.2	12.4	12.4	-1.1	328.7	320.6	0.0	1.0	13.7	67.
26.4	67.4	7424.7	400.0	-15.3	-62.2	279.5	11.5	11.4	-1.9	329.5	330.0	0.0	1.0	14.9	69.
28.2	70.6	7900.8	375.0	-23.5	-64.9	282.7	11.5	11.2	-2.5	330.4	330.5	0.0	1.0	15.9	71.
30.1	74.1	8401.2	350.0	-27.2	-67.3	293.3	12.8	11.5	-5.5	332.1	332.2	0.0	1.0	17.0	74.
32.2	77.7	8930.9	325.0	-31.0	-69.8	298.7	12.9	11.2	-6.4	333.9	333.0	0.0	1.0	18.2	78.
34.4	81.3	9493.3	300.0	-35.9	-72.0	299.9	14.4	13.1	-6.1	335.3	333.3	0.0	1.0	19.4	81.
36.7	85.3	10093.4	275.0	-39.9	-99.9	292.8	14.7	13.6	-5.7	337.4	999.9	59.9	599.9	21.4	84.
39.0	89.3	10736.7	250.0	-45.6	-99.9	290.4	13.2	17.6	-4.7	338.3	599.9	99.9	999.9	23.1	84.
41.6	93.7	11431.0	225.0	-49.5	-99.9	290.6	15.7	15.5	-2.6	342.7	999.9	99.9	999.9	25.2	88.
44.6	98.4	12198.2	200.0	-57.4	-99.9	263.0	18.5	12.4	2.3	348.3	999.9	99.9	999.9	28.1	88.
47.8	103.4	13047.7	175.0	-57.7	-99.9	269.9	25.0	24.9	0.5	356.8	999.9	99.9	999.9	32.3	88.
51.2	108.8	14025.3	150.0	-57.2	-99.9	269.1	24.3	24.2	2.5	371.6	999.9	99.9	999.9	37.7	84.
55.4	115.0	15167.1	125.0	-61.5	-99.9	269.2	21.1	20.8	3.6	383.7	599.9	99.9	999.9	43.3	87.
63.1	121.8	16422.4	100.0	-63.6	-99.9	222.1	11.7	8.3	8.3	405.3	999.9	99.9	999.9	47.6	86.
66.1	133.0	18008.3	75.0	-61.5	-99.9	191.9	4.8	1.0	4.7	444.1	999.9	99.9	999.9	49.5	83.
74.4	143.0	20449.0	50.0	-55.6	-99.9	111.0	5.7	-5.4	2.1	512.2	999.9	99.9	999.9	48.3	82.
87.6	152.0	25384.3	25.0	-43.8	-99.9	90.1	11.9	-11.9	0.0	658.4	999.9	99.9	999.9	42.5	79.

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0 BY ---P MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 024
TOPERA, KANSAS

7 JUNE 1979
1405 GMT

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TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	WGT 1 DEG K	E POS 1 DEG K	MZ RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	9.3	268.0	971.0	21.7	20.0	200.0	5.7	1.0	0.4	297.2	337.4	15.4	98.0	0.0	0.
00.9	90.9	99.9	1000.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	90.9	99.9	575.0	95.0	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.0	463.3	950.0	20.7	18.4	190.9	4.5	2.5	0.2	298.2	335.6	14.2	80.8	0.5	12.
1.4	13.8	690.0	925.0	12.6	17.7	206.1	9.2	4.1	0.3	298.2	336.9	13.9	94.3	0.9	16.
2.3	16.3	931.4	900.0	17.0	17.0	210.9	10.5	0.2	0.6	299.5	336.4	13.0	95.2	1.4	22.
3.0	18.0	1173.0	875.0	18.3	17.2	259.1	0.9	0.7	1.7	302.8	341.2	14.3	93.7	1.7	36.
3.9	21.3	1423.7	850.0	12.9	15.9	260.7	0.8	0.7	1.1	304.6	342.9	13.6	82.6	2.0	43.
5.2	23.9	1690.4	825.0	17.3	12.5	251.7	6.6	6.3	2.1	306.4	337.0	11.1	73.1	2.4	48.
6.2	26.6	1943.1	800.0	15.4	11.2	247.3	6.0	5.5	2.3	307.4	336.8	10.5	70.1	2.8	51.
7.3	29.0	2111.9	775.0	13.3	6.9	244.9	6.7	6.1	2.0	308.1	336.1	9.3	74.5	3.2	53.
8.3	31.4	2447.7	750.0	11.4	5.9	247.0	8.4	7.7	3.3	309.8	331.4	7.6	69.9	3.7	55.
9.7	34.6	2770.6	725.0	5.3	3.6	246.6	9.0	8.3	3.0	309.5	329.5	6.9	66.7	4.3	57.
10.7	37.2	3061.2	700.0	7.5	1.5	245.1	8.9	8.0	3.7	310.8	328.5	6.1	48.0	4.9	58.
11.7	40.0	3349.9	675.0	5.0	-0.1	244.8	6.1	7.2	3.5	311.3	327.7	5.6	69.3	5.4	58.
12.4	42.9	3637.3	650.0	2.8	-2.3	244.3	7.9	6.6	4.4	312.2	326.6	5.0	68.7	5.9	58.
13.4	45.8	3930.0	625.0	0.8	-4.8	232.5	8.4	6.6	5.1	313.1	325.9	4.3	57.1	6.4	58.
15.3	49.6	4110.7	600.0	-1.7	-9.2	217.3	8.4	7.1	4.5	314.2	323.8	3.2	56.3	7.0	58.
16.3	51.4	4649.3	575.0	-2.2	-17.4	254.2	6.3	6.0	2.3	314.4	323.0	1.7	30.8	7.6	58.
17.7	54.9	5001.4	550.0	-3.6	-30.5	267.2	10.1	10.1	0.5	319.5	321.2	0.4	6.9	8.3	61.
19.1	58.0	5366.4	525.0	-5.1	-24.6	271.9	12.2	12.2	-0.4	322.2	325.6	1.0	19.8	9.1	63.
23.5	61.3	5750.8	500.0	-6.2	-33.4	277.5	14.7	14.6	-1.9	325.2	325.7	0.0	1.0	10.1	67.
22.3	64.6	6150.5	475.0	-6.6	-35.4	282.4	16.6	16.4	-3.6	327.5	327.5	0.0	1.0	11.3	71.
23.5	69.0	6582.6	450.0	-11.4	-37.8	282.9	17.7	17.3	-3.9	327.6	327.8	0.0	1.0	12.6	75.
24.9	71.4	7009.4	425.0	-15.6	-59.8	274.0	16.7	16.3	-1.2	329.6	329.1	0.0	1.0	14.0	77.
26.5	75.1	7453.3	400.0	-18.0	-61.3	272.4	16.1	16.1	-0.7	331.7	331.8	0.0	1.0	15.4	78.
28.1	79.8	7914.5	375.0	-21.7	-63.7	269.2	16.7	16.7	0.5	332.5	333.0	0.0	1.0	17.1	80.
30.1	87.7	8439.6	350.0	-25.8	-66.4	259.2	15.9	15.7	3.0	336.6	336.1	0.0	1.0	19.0	80.
32.2	89.8	8971.4	325.0	-29.6	-68.9	259.1	14.5	14.3	2.7	336.6	336.0	0.0	1.0	20.9	80.
34.3	91.0	9537.0	300.0	-34.3	-72.0	261.3	14.0	13.8	2.1	337.1	337.1	0.0	1.0	22.7	80.
36.5	93.5	10139.4	275.0	-39.2	-99.9	254.6	15.3	15.8	4.1	338.2	338.2	99.9	99.9	24.6	80.
39.9	103.2	10745.2	250.0	-44.1	-99.9	254.1	19.3	19.6	5.3	340.8	340.8	99.9	99.9	26.8	79.
41.4	105.2	11481.6	225.0	-49.7	-99.9	258.8	23.1	22.7	4.5	342.3	342.3	99.9	99.9	30.2	78.
44.3	110.5	12222.9	200.0	-51.4	-99.9	249.3	21.6	21.1	4.4	351.4	351.4	99.9	99.9	34.2	79.
47.5	116.3	13109.5	175.0	-56.3	-99.9	249.0	21.1	21.0	2.2	350.5	350.5	99.9	99.9	34.2	77.
51.2	122.7	14328.4	150.0	-51.0	-99.9	263.0	18.4	18.4	2.3	368.7	368.7	99.9	99.9	42.7	80.
55.1	129.5	15229.8	125.0	-61.4	-99.9	250.8	18.4	17.7	6.2	363.4	363.4	99.9	99.9	46.9	79.
59.4	137.0	16593.7	100.0	-63.6	-99.9	232.7	13.4	10.7	0.1	404.4	404.4	99.9	99.9	51.1	78.
63.7	145.7	18361.4	75.0	-63.3	-99.9	193.1	5.6	1.3	5.5	440.1	440.1	99.9	99.9	54.0	76.
67.6	156.5	20667.4	50.0	-55.8	-99.9	128.6	7.3	-5.7	4.5	511.5	511.5	99.9	99.9	52.7	74.
68.1	161.3	25047.9	25.0	-66.8	-99.9	99.9	99.9	99.9	99.9	650.6	650.6	99.9	99.9	49.4	69.

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00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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 00-17A, KANSAS

7 JUNE 1979
 1700 GMT

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TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP °C	WIND KTS	WIND DIR	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I CG M	E POT T CG M	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
00	00	268.0	973.2	21.7	10.7	125.0	6.1	2.0	3.1	297.7	336.4	10.0	91.0	0.0	0.
00	00	99.0	1000.0	99.0	9.1	97.9	99.0	99.0	99.0	99.5	99.0	99.0	99.0	999.0	999.
00	00	99.0	975.0	99.0	95.0	99.0	99.0	99.0	99.0	99.5	99.0	99.0	99.0	999.0	999.
07	10.3	478.0	550.0	21.4	19.1	99.0	99.0	99.0	99.0	290.5	337.0	14.0	04.4	999.0	999.
13	12.7	709.0	425.0	15.1	17.0	99.0	99.0	99.0	99.0	290.5	336.1	14.1	92.4	999.0	999.
20	14.6	945.0	905.0	17.5	16.5	190.4	7.4	1.9	7.4	290.2	336.4	13.1	93.0	1.0	10.
32	17.1	1187.0	875.0	17.0	15.7	190.4	5.1	0.9	5.0	301.4	336.4	13.1	93.1	1.3	13.
41	19.4	1434.0	850.0	15.9	13.9	170.8	3.0	-0.5	2.9	302.4	335.1	11.9	88.3	1.6	10.
50	21.6	1686.0	825.0	15.3	9.8	199.6	7.4	0.9	2.5	304.4	328.5	8.6	04.4	1.7	10.
61	24.0	1949.0	800.0	15.2	7.0	219.7	9.3	2.7	3.3	307.2	319.4	7.9	50.2	1.9	12.
71	24.3	2180.0	775.0	13.8	6.7	227.4	6.4	4.4	4.7	308.6	331.2	8.0	62.5	2.1	17.
82	23.7	2404.0	750.0	17.8	4.5	227.4	10.9	9.0	7.4	309.4	329.9	7.1	60.4	2.7	23.
92	31.1	2774.0	725.0	1.9	2.5	227.4	18.9	0.7	0.7	310.4	328.7	6.4	60.0	3.6	29.
102	31.6	3069.0	700.0	6.1	-1.8	232.6	13.5	10.4	0.7	310.4	328.7	6.4	60.0	4.0	29.
112	36.1	3366.0	675.0	6.2	-6.3	241.6	18.2	17.2	0.7	311.2	325.7	6.8	49.0	4.3	33.
122	38.4	3677.1	650.0	9.7	-11.8	257.1	18.0	12.5	6.7	312.4	321.0	3.0	34.4	5.1	37.
132	41.2	3996.0	625.0	3.7	-18.7	269.4	13.0	13.7	3.1	314.3	321.7	2.4	28.0	5.9	32.
141	43.9	4326.0	600.0	2.4	-15.9	277.8	14.0	13.0	0.1	316.7	321.2	1.4	17.5	6.7	48.
151	46.6	4656.5	575.0	-0.6	-17.3	276.3	13.3	13.2	-1.9	319.5	324.8	1.9	24.7	7.5	54.
161	49.3	5021.0	550.0	-3.5	-15.2	275.4	14.1	14.1	-1.3	319.9	326.7	2.1	27.1	8.3	59.
171	52.1	5387.5	525.0	-8.4	-17.1	278.6	14.4	14.6	-1.2	322.8	328.2	1.9	39.7	10.2	66.
181	55.0	5769.9	500.0	-7.1	-40.4	267.1	17.0	17.0	0.9	325.8	325.3	0.2	4.9	11.4	67.
191	58.0	6164.4	475.0	-9.3	-53.0	260.0	17.7	17.7	1.6	326.5	326.7	0.0	1.0	13.0	71.
201	61.0	6583.3	450.0	-12.0	-59.0	260.4	18.0	17.9	0.5	327.1	327.2	0.0	1.0	14.6	73.
211	64.1	7016.0	425.0	-16.7	-60.1	271.0	18.6	18.6	-0.3	327.2	327.2	0.0	1.1	16.3	75.
221	67.4	7464.1	400.0	-20.4	-61.4	281.1	18.8	18.6	2.0	328.2	328.6	0.0	1.2	18.1	76.
231	70.8	7943.6	375.0	-22.4	-64.2	293.3	17.1	18.0	3.2	332.6	332.0	0.0	1.0	19.9	76.
241	74.3	8466.4	350.0	-26.4	-68.6	298.2	17.6	17.0	4.8	333.2	333.3	0.0	1.0	21.8	77.
251	77.9	8978.0	325.0	-30.2	-69.3	290.1	18.5	15.5	5.4	335.1	335.2	0.0	1.0	23.7	76.
261	81.6	9542.6	300.0	-34.8	-72.4	249.0	18.3	15.4	5.9	336.3	336.3	0.0	1.0	25.7	76.
271	85.1	10133.0	275.0	-39.9	90.0	244.2	18.4	14.0	7.1	337.4	336.3	0.0	99.0	27.9	75.
281	88.7	10788.2	250.0	-44.2	99.0	240.1	24.6	21.0	8.4	340.4	335.8	0.0	99.0	30.8	74.
291	92.0	11491.7	225.0	-48.2	99.0	250.6	27.2	25.7	9.1	347.7	339.9	0.0	99.0	34.6	74.
301	95.8	12264.0	200.0	-51.8	99.0	250.5	23.2	21.0	7.4	350.4	339.9	0.0	99.0	39.1	73.
311	103.6	13119.1	175.0	-57.6	99.0	250.0	21.5	20.2	7.4	344.4	339.9	0.0	99.0	43.0	73.
321	109.3	14085.3	150.0	-60.7	99.0	242.4	17.3	15.3	8.0	343.2	339.9	0.0	99.0	47.2	73.
331	115.3	15133.4	125.0	-62.7	99.0	230.0	16.7	14.3	8.0	341.2	339.9	0.0	99.0	51.2	71.
341	121.3	16286.5	100.0	-64.4	99.0	232.3	14.4	11.3	8.0	403.4	339.9	0.0	99.0	55.6	70.
351	131.7	18356.9	75.0	-61.6	99.0	173.3	7.0	-3.6	7.0	423.4	339.9	0.0	99.0	59.4	69.
361	141.0	20003.7	50.0	-54.9	99.0	147.3	6.6	-3.0	5.0	434.2	339.9	0.0	99.0	57.7	65.
371	151.5	25033.0	25.0	-46.5	99.0	99.0	99.0	99.0	99.0	481.2	339.9	0.0	99.0	55.1	61.

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 00 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 436
IDBERA, KANSAS
7 JUNE 1970
2005 GMT

162 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	M3 RTQ CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.7	266.0	573.2	20.1	22.4	220.7	5.1	3.3	3.9	301.6	348.7	17.8	80.0	0.0	0.0
00.0	90.0	90.0	1000.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
00.0	40.0	90.0	575.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.8	9.0	481.1	550.0	24.4	27.7	150.5	4.8	1.2	4.4	302.5	343.0	15.4	75.0	0.3	14.0
1.5	12.1	716.0	525.0	22.1	19.1	180.5	5.6	0.1	5.6	301.5	342.5	15.2	63.1	0.5	10.0
2.4	16.4	653.3	500.0	20.2	16.4	185.2	6.3	0.6	6.3	302.2	342.5	15.0	69.0	0.8	7.0
3.2	16.7	1196.0	275.0	18.7	17.1	185.4	6.4	0.9	6.3	303.3	341.4	14.2	90.0	1.2	7.0
4.2	19.2	1145.7	60.0	17.1	15.5	190.5	6.4	0.1	6.4	304.4	339.8	13.2	90.0	1.0	4.0
5.3	21.6	1700.4	625.0	14.4	10.0	178.0	3.2	-0.1	3.2	304.5	331.3	9.6	71.6	1.9	4.0
6.4	24.0	1923.0	600.0	17.3	7.8	216.4	3.1	1.8	2.5	309.8	333.2	8.4	53.6	2.0	5.0
7.4	26.5	2333.7	775.0	15.5	6.1	231.1	6.0	6.7	3.8	310.8	332.4	7.7	53.5	2.3	9.0
8.5	29.0	2811.2	750.0	14.4	5.0	217.4	6.2	7.8	2.5	311.4	332.1	7.3	56.0	2.5	18.0
9.4	31.6	2766.3	725.0	11.5	3.8	244.1	5.4	8.5	4.1	312.1	332.3	7.0	59.0	2.9	27.0
10.7	34.1	3098.4	700.0	5.5	1.1	244.4	9.4	8.5	4.0	313.0	330.4	6.0	56.1	3.5	33.0
11.0	36.8	3185.8	675.0	7.5	-2.0	235.7	7.4	7.1	1.9	314.1	324.3	3.4	34.9	4.0	34.0
13.1	39.4	3700.0	650.0	6.0	-1.5	257.4	9.3	9.1	2.0	316.4	322.6	1.9	20.8	4.4	43.0
14.1	42.2	4021.1	425.0	5.0	-4.6	257.8	13.4	13.1	2.8	318.4	320.6	3.2	36.7	5.1	48.0
15.7	45.0	4352.9	600.0	2.0	-13.2	266.4	16.7	14.7	0.9	319.2	326.7	2.3	29.7	6.2	54.0
17.1	47.5	4685.9	575.0	0.3	-16.6	276.0	14.5	14.5	-0.2	320.2	326.2	1.8	26.8	7.2	60.0
19.5	51.6	5050.1	550.0	-2.2	-15.4	269.8	14.5	14.5	0.0	320.2	327.0	2.1	38.3	8.2	64.0
19.8	53.6	5416.5	425.0	-4.0	-19.9	270.4	15.7	15.7	-0.1	321.2	326.2	1.5	32.2	9.3	67.0
21.1	56.8	5786.7	500.0	-7.9	-40.3	274.0	17.1	17.0	1.5	323.2	324.6	0.4	..7	10.7	70.0
22.4	59.9	6185.1	475.0	-5.2	-57.7	258.3	17.6	17.2	3.6	326.6	326.8	0.0	1.0	12.3	72.0
24.4	63.1	6610.0	450.0	-17.5	-57.8	259.7	19.5	19.1	3.3	327.8	327.7	0.0	1.0	14.0	72.0
26.2	66.4	7044.2	425.0	-14.4	-60.3	263.7	19.4	19.3	1.5	328.6	328.1	0.0	1.0	16.1	74.0
29.1	69.9	7496.8	400.0	-20.0	-61.5	262.9	18.2	18.1	2.3	329.0	329.1	0.0	1.2	18.2	75.0
30.0	73.3	8023.0	375.0	-22.0	-61.5	268.2	18.0	17.3	6.9	321.8	331.5	0.0	1.0	20.3	75.0
32.2	77.3	8475.7	350.0	-25.8	-64.4	261.9	21.7	19.1	10.1	334.6	334.0	0.0	1.0	22.9	74.0
34.3	81.6	8909.0	325.0	-25.7	-62.0	258.8	20.5	17.7	10.3	335.1	334.0	0.0	1.0	25.5	73.0
36.6	85.5	9374.2	300.0	-34.2	-71.9	261.4	20.2	18.0	9.8	337.1	337.2	0.0	1.0	28.3	71.0
39.0	90.2	9874.9	275.0	-38.4	-67.9	255.6	22.8	18.0	9.4	338.1	339.9	0.0	555.9	31.2	71.0
41.4	93.3	10310.0	250.0	-43.5	-61.0	253.4	24.4	24.5	6.7	341.4	339.9	1.9	955.9	34.7	70.0
44.0	97.0	11101.0	230.0	-45.7	-62.9	253.4	26.1	24.0	7.5	344.2	339.9	9.9	999.9	38.6	71.0
46.3	103.0	12109.2	200.0	-41.3	-62.9	256.9	29.7	28.3	7.1	351.6	339.9	99.9	569.9	43.3	71.0
50.0	108.5	13159.7	175.0	-37.7	-61.9	259.0	31.0	30.3	5.9	354.7	339.9	99.9	989.9	49.1	72.0
53.5	114.4	14211.0	150.0	-32.3	-62.3	259.0	26.5	26.6	4.9	362.4	339.9	56.9	955.9	55.2	73.0
57.5	121.3	15243.0	125.0	-23.7	-62.9	262.4	16.7	15.8	8.0	369.7	339.9	59.9	599.9	60.6	73.0
62.1	128.0	16299.7	100.0	-16.4	-64.4	261.1	15.7	12.7	9.2	399.2	339.9	59.9	999.9	65.0	71.0
67.0	137.7	18145.1	75.0	-11.7	-64.3	191.2	8.8	-0.1	8.6	443.7	339.9	59.9	955.9	67.8	70.0
75.5	149.0	20155.9	50.0	-9.4	-64.3	143.6	7.0	-0.1	8.6	508.2	339.9	59.9	999.9	68.6	67.0
80.0	163.5	25511.3	25.0	-14.5	-60.9	90.0	9.6	-0.4	8.0	651.2	339.9	59.9	959.9	63.5	64.0

0.47 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0.81 TEMP MEANS TEMPERATURE CR TEMP HAVE BEEN INTERPOLATED
90 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPICA, KANSAS
7 JUNE 1970
2305 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DBS PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	S POT T DG K	WZ RTO GM/KG	RM ACT	RANGE KM	AZ DG
0-0	8-5	268-0	673-8	27-2	22-8	180-8	3-1	0-8	3-1	302-7	351-4	18-3	77-0	8-8	8-0
99-9	99-9	99-9	1000-8	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	10-5	480-2	950-0	26-2	19-9	170-9	3-6	-0-4	3-6	303-7	345-8	15-6	68-4	0-3	4-0
1-6	12-6	715-8	925-8	24-1	19-4	160-8	3-3	-1-7	3-6	303-9	345-8	15-6	75-2	0-4	3-7
2-3	14-8	955-5	900-8	21-5	18-2	169-9	2-8	-0-9	2-8	303-8	343-8	14-9	1-9	0-5	3-2
3-3	16-9	1199-8	875-0	19-5	16-8	177-0	3-1	-0-2	3-1	304-8	341-7	14-0	84-8	0-7	3-3
4-4	19-1	1459-8	850-0	18-0	16-0	204-8	6-2	2-6	5-7	305-8	342-1	13-6	87-9	1-0	3-7
5-4	21-3	1705-9	825-0	17-2	13-2	214-5	9-8	3-3	4-0	306-8	339-1	11-7	78-1	1-3	10-0
6-3	23-5	1968-8	800-0	17-8	9-5	220-1	2-9	1-8	2-2	310-1	336-7	9-4	58-5	1-6	13-0
7-4	25-8	2241-0	775-0	15-9	8-2	255-6	1-3	1-3	0-3	318-9	334-1	8-9	40-2	1-6	15-0
8-5	29-1	2518-8	740-0	17-1	6-7	268-8	3-1	3-1	0-2	318-6	334-4	8-3	65-0	1-6	19-0
9-6	32-5	2904-0	725-0	11-7	5-3	237-1	8-0	5-1	3-3	312-3	334-8	7-8	65-0	1-9	23-0
10-7	32-8	3097-4	700-0	11-1	-0-4	238-2	8-4	7-1	4-4	318-8	330-4	5-3	44-3	2-3	31-0
11-9	35-2	3399-9	675-0	5-3	-4-4	239-8	10-9	9-1	4-4	319-8	328-4	6-1	37-6	2-9	37-0
13-0	37-6	3712-5	650-0	7-8	-1-2	242-1	13-0	11-4	6-1	317-8	334-0	8-4	53-2	3-6	42-0
14-2	40-2	4036-7	625-0	5-8	-2-5	245-0	15-0	13-6	6-3	318-2	333-4	8-1	58-2	4-6	47-0
15-4	42-7	4386-8	600-0	2-5	-0-8	248-4	15-9	14-8	5-8	319-6	337-4	8-2	80-7	5-7	51-0
16-1	45-3	4759-6	575-0	-0-6	-2-1	254-4	15-0	14-5	4-1	319-3	336-5	5-7	89-3	6-9	54-0
18-1	49-0	5083-5	550-0	-3-7	-4-4	258-0	14-5	14-3	2-8	319-7	335-0	5-0	95-4	8-0	58-0
19-4	50-8	5430-2	525-0	-4-0	-6-4	254-3	14-0	14-0	3-9	211-2	333-2	3-9	83-0	9-2	60-0
21-2	53-6	5810-7	500-0	-4-2	-20-9	257-5	15-7	15-4	3-4	323-1	328-4	1-6	39-5	10-6	62-0
22-7	56-4	6708-4	475-0	-4-7	-40-4	256-7	16-3	15-9	3-8	326-0	326-9	0-2	4-3	12-0	64-0
24-3	59-4	6821-6	450-0	-12-9	-46-3	248-2	16-5	15-7	6-3	327-8	327-2	0-1	4-2	13-0	65-0
26-0	62-4	7054-2	425-0	-16-9	-40-5	244-8	16-8	15-2	7-1	327-3	328-3	0-3	10-7	15-3	65-0
27-8	65-5	7508-5	400-0	-19-2	-48-3	242-8	18-8	16-7	8-6	330-8	330-8	0-1	5-6	17-2	65-0
29-9	68-9	7983-7	375-0	-22-2	-51-2	236-9	22-4	18-8	12-2	332-1	332-6	0-1	5-1	19-7	65-0
31-8	72-3	8487-2	350-0	-25-5	-50-6	233-3	23-0	18-8	13-8	334-3	334-7	0-1	7-3	22-4	63-0
33-8	75-7	9020-1	325-0	-28-9	-51-0	237-8	22-8	19-3	12-1	335-2	334-8	0-1	7-8	25-3	62-0
36-2	79-4	9584-9	300-0	-34-8	-56-8	244-0	22-7	20-4	10-8	338-4	336-8	0-1	8-4	28-2	62-0
38-6	83-2	10197-4	275-0	-38-2	-59-5	249-8	28-8	27-0	9-9	339-8	339-9	99-9	99-9	31-8	63-0
41-2	87-3	10937-8	250-0	-42-8	-59-9	257-7	36-4	35-3	9-8	342-8	337-9	96-9	99-9	37-1	64-0
44-4	91-7	11543-3	225-0	-45-9	-59-9	250-0	40-2	39-4	8-4	348-1	339-9	99-9	99-9	43-9	66-0
47-3	96-2	12350-0	200-0	-50-1	-59-9	241-0	45-1	48-5	7-7	353-4	339-9	99-9	99-9	51-7	64-0
50-8	101-3	13178-8	175-0	-54-8	-59-9	266-3	46-8	45-8	2-9	358-2	339-9	99-9	99-9	61-8	71-0
54-6	106-8	14137-7	150-0	-60-8	-59-9	280-0	34-4	33-8	0-8	362-5	339-9	99-9	99-9	70-5	73-0
58-5	112-8	15247-0	125-0	-65-5	-59-9	248-1	24-3	22-6	9-0	372-4	339-9	99-9	99-9	77-3	73-0
63-5	119-7	16604-1	100-0	-65-7	-59-9	242-3	15-3	13-5	7-1	400-8	339-9	99-9	99-9	83-3	72-0
69-3	127-7	18160-1	75-0	-61-6	-59-9	173-5	5-8	-1-1	9-7	443-8	339-9	99-9	99-9	86-5	71-0
77-5	137-5	20931-1	50-0	-54-9	-59-9	96-8	4-2	-0-1	0-7	504-8	339-9	99-9	99-9	86-8	70-0
91-1	149-5	25015-5	25-0	-47-8	-59-9	99-9	99-9	99-9	99-9	647-5	339-9	99-9	99-9	81-3	68-0

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

STATION NO. 486
TOPEKA, KANSAS
8 JUNE 1979
155 GM

137 73. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DB K	E POT Y DG K	MR STD GM/KG	MM PCY	RANGE AZ KM	DZ DG
0:0	99.9	268.0	973.8	26.1	21.7	80.0	3.1	-3.1	-0.5	381.2	248.9	17.1	77.0	0.0	0.
0:9	99.9	99.9	1000.0	1.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9:9	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
11:1	99.9	487.2	950.0	25.2	20.5	76.9	2.5	-5.7	-1.3	302.2	348.1	16.2	75.1	0.3	25.1
2:0	11.5	721.9	925.0	23.2	19.9	68.7	6.8	-6.2	-2.9	303.0	348.4	16.1	82.2	0.7	25.1
3:9	19.8	961.1	900.0	21.2	19.5	65.0	5.7	-5.7	-2.4	303.4	348.4	16.1	90.0	1.1	25.2
4:8	23.6	1205.6	875.0	19.5	18.7	62.8	4.8	-4.3	-2.2	304.0	348.4	15.6	90.0	1.4	24.9
5:8	23.0	1455.4	850.0	17.5	16.3	51.4	3.3	-2.4	-2.0	304.2	348.4	13.9	90.0	1.6	24.8
6:5	24.5	1974.1	825.0	16.0	10.4	33.1	1.8	0.8	-1.6	307.6	338.6	9.7	61.1	1.7	24.5
7:7	25.0	2243.1	800.0	16.3	8.1	28.9	2.3	2.2	-0.6	308.2	332.6	8.6	58.6	1.7	24.2
8:8	25.6	2520.6	775.0	14.2	8.4	20.6	2.2	1.0	3.0	309.1	334.4	9.0	60.2	1.5	24.1
9:9	26.0	2805.0	750.0	12.9	5.0	13.9	4.2	-2.9	3.0	310.2	331.4	7.4	58.7	1.6	24.7
10:0	33.2	3057.0	725.0	11.5	4.0	15.5	3.4	-1.3	3.1	312.1	332.4	7.0	59.7	1.7	25.7
11:1	35.8	3357.8	700.0	9.9	2.7	21.5	3.3	2.1	2.5	313.5	332.9	6.7	60.6	1.7	26.2
12:4	38.5	3709.3	675.0	7.4	2.7	24.0	4.7	4.4	1.8	314.4	334.1	6.9	72.0	1.4	26.7
13:4	41.2	3709.0	650.0	4.6	2.2	25.3	6.2	6.0	1.5	314.4	334.5	6.9	83.3	1.3	27.2
14:8	44.0	4028.7	625.0	2.2	0.3	55.9	9.8	9.9	99.9	316.1	338.8	6.3	81.4	0.5	28.5
15:3	45.8	4358.2	600.0	1.2	0.9	99.9	99.9	99.9	99.9	317.2	999.9	55.9	95.9	99.9	99.9
16:9	48.8	4699.1	575.0	-0.4	0.9	99.9	99.9	99.9	99.9	319.4	330.4	3.6	85.7	99.9	99.9
18:9	55.8	5022.0	550.0	-4.0	-0.9	99.9	99.9	99.9	99.9	320.0	331.2	3.6	85.5	4.4	83.1
19:9	58.9	5417.6	525.0	-7.0	-9.2	99.9	99.9	99.9	99.9	321.4	324.3	1.7	46.8	5.9	65.1
21:3	58.9	5756.6	500.0	-9.6	-19.3	265.4	19.0	19.0	0.2	321.4	324.3	0.0	1.0	7.9	66.1
22:9	62.1	6192.2	475.0	-10.4	-24.5	261.3	15.7	19.5	3.0	325.1	324.3	0.2	7.8	10.5	83.1
25:2	65.4	6604.3	450.0	-15.1	-42.8	232.9	19.8	18.9	5.8	324.2	324.3	0.2	7.8	10.5	83.1
26:4	65.9	7033.1	425.0	-19.1	-37.9	241.8	21.7	19.1	10.2	324.4	325.7	0.3	17.2	11.9	82.1
27:7	72.3	7467.4	400.0	-16.1	-19.4	224.2	27.9	19.5	20.0	334.0	341.6	2.2	82.7	13.6	78.1
29:5	74.0	7972.7	375.0	-21.6	-20.1	211.6	31.7	21.1	23.8	338.2	345.4	2.1	80.3	16.2	71.1
30:8	79.7	8496.5	350.0	-21.6	-23.8	211.1	35.3	23.2	26.6	340.2	348.1	1.6	77.4	14.6	67.1
32:1	83.7	9033.4	325.0	-24.5	-24.0	215.4	34.5	21.9	26.6	342.9	347.1	1.2	72.4	21.1	64.1
33:6	87.7	9609.1	300.0	-24.8	-31.4	220.2	32.2	20.8	24.6	344.8	347.6	0.8	64.3	21.7	61.1
35:3	92.2	10226.2	275.0	-33.7	-36.1	218.8	33.3	20.8	28.0	346.4	348.3	0.5	60.5	26.9	58.1
37:0	98.8	10886.6	250.0	-39.6	99.9	272.2	38.7	24.0	28.7	347.1	349.9	55.9	95.9	37.2	56.1
39:5	101.6	11598.4	225.0	-45.5	99.9	233.0	47.5	36.8	28.6	348.7	999.9	99.9	95.9	37.0	55.1
42:6	100.8	12375.7	200.0	-51.0	99.9	211.1	46.5	40.7	22.5	352.1	999.9	99.9	99.9	45.8	55.1
44:8	112.5	13230.8	175.0	-52.0	99.9	215.1	46.7	42.4	19.7	354.2	999.9	99.9	99.9	51.7	56.1
47:2	118.8	14181.8	150.0	-66.6	99.9	217.4	42.7	45.0	18.7	355.3	999.9	99.9	99.9	58.5	57.1
50:6	125.8	15267.7	125.0	-71.7	99.9	228.5	39.4	35.6	7.9	365.2	999.9	99.9	99.9	69.3	59.1
53:4	130.0	16636.9	100.0	-62.3	99.9	171.2	7.6	-1.2	7.5	407.2	999.9	99.9	99.9	74.0	61.1
51:5	143.0	18394.6	75.0	-63.9	99.9	99.9	99.9	99.9	99.9	436.5	999.9	99.9	99.9	99.9	99.9
54:9	99.9	50.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59:9	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPERA, KANSAS
0 JUNE 1979
505 GMT

114 107. 0

TIME MIN	CNCT	HEIGHT GPN	PRES MB	TEMP DG C	DFW PT DG C	UTR DG	SPEED M/SIC	U COMP M/SEC	V COMP M/SEC	PGT V DG M	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE AN	AZ DG
0.0	7.4	268.0	976.2	15.4	10.4	100.0	5.1	-5.0	0.9	294.6	332.6	16.7	100.0	0.0	0.
3.9	94.5	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	7.4	278.6	955.0	15.8	19.2	959.9	55.5	95.9	99.9	295.1	335.6	14.6	96.8	599.9	99.9
1.0	10.1	508.6	950.0	23.5	17.2	959.9	54.9	99.9	99.9	301.0	336.2	1.2	58.1	999.9	99.9
1.9	12.3	718.0	925.0	24.3	12.9	959.9	95.5	99.9	99.9	303.2	338.0	10.2	52.0	1.2	292.
2.8	14.5	577.5	900.0	21.3	11.0	103.6	8.4	-7.9	2.8	333.5	338.8	9.2	51.6	1.8	290.
3.7	14.6	1.1	875.0	20.8	11.1	116.5	7.3	-8.0	5.3	309.4	331.8	9.5	53.7	2.2	292.
4.9	19.1	1470.2	850.0	17.2	10.1	185.0	7.4	0.6	7.4	304.2	329.6	9.2	63.0	2.5	300.
6.0	21.4	1725.6	825.0	14.6	9.9	210.2	6.0	4.0	6.9	305.1	331.0	9.4	65.1	2.6	312.
6.9	21.7	1348.5	830.0	14.1	9.5	213.0	6.2	4.5	6.9	306.2	331.2	9.0	71.0	2.7	321.
7.8	26.1	2568.3	775.0	12.5	9.5	215.7	6.6	5.0	7.0	307.5	332.5	9.0	76.3	2.8	320.
8.9	24.5	2428.6	750.0	10.1	4.1	213.5	6.4	4.8	6.9	307.6	333.1	9.1	87.4	3.2	340.
12.6	31.0	2410.0	725.0	7.7	5.9	235.1	6.3	5.8	5.8	307.5	330.7	8.1	88.6	3.7	351.
13.6	33.4	3399.6	730.0	6.6	5.1	221.2	6.7	6.6	1.3	309.8	332.3	7.9	56.0	4.0	1.
13.7	35.2	3398.3	675.0	5.4	4.0	279.0	11.4	11.4	-1.8	311.7	333.4	7.6	50.6	4.0	14.
14.9	34.4	1727.7	653.0	6.5	5.4	270.0	12.1	12.1	-0.0	316.3	341.7	8.7	52.6	4.2	25.
15.5	41.1	4131.5	625.0	7.3	6.7	282.7	12.7	12.1	3.8	320.2	349.5	9.9	55.1	4.5	31.
19.7	43.4	4171.0	630.0	9.0	8.7	283.5	12.1	10.8	5.4	326.2	362.2	11.9	98.1	5.2	36.
19.9	45.4	3738.3	575.0	6.5	5.2	281.1	8.9	7.8	4.3	327.7	357.6	9.9	51.3	5.9	39.
19.9	47.3	5337.4	550.0	1.2	-2.2	285.2	3.4	3.1	1.4	325.2	348.3	6.1	71.9	6.3	41.
23.8	52.1	5833.5	525.0	-7.5	-11.8	221.1	2.1	1.4	1.5	319.4	328.6	3.0	71.4	6.4	41.
21.6	53.0	5433.2	500.0	-11.4	-16.1	218.9	3.1	1.8	2.4	319.1	328.0	2.2	68.2	6.6	41.
22.3	58.0	6228.4	525.0	-13.7	-16.6	217.4	2.7	3.5	8.6	323.5	338.5	2.2	68.7	6.9	41.
24.5	61.2	648.7	450.0	-10.7	-15.9	231.2	10.2	8.0	6.4	329.1	337.8	2.5	85.4	7.7	41.
26.5	64.1	7178.3	425.0	-13.3	-18.7	233.4	12.7	10.6	7.9	331.5	333.8	2.0	63.4	9.0	44.
29.5	67.4	7518.3	403.0	-15.6	-21.1	235.6	14.6	13.3	13.0	334.5	340.8	1.8	62.3	11.0	44.
32.2	70.7	8338.1	375.0	-18.4	-24.1	223.3	21.2	18.5	15.4	337.1	342.3	1.5	60.8	12.9	44.
33.1	74.1	8338.5	350.0	-21.9	-27.7	215.6	19.9	14.6	16.2	339.3	341.2	1.1	59.3	15.3	44.
36.2	77.7	9078.1	325.0	-24.8	-31.7	214.8	21.3	12.1	17.4	341.1	344.1	0.8	47.8	17.8	42.
36.4	81.6	9531.4	330.0	-30.0	-35.9	213.1	23.2	18.7	19.4	341.1	345.3	0.6	50.1	20.7	41.
39.5	85.4	10468.9	275.0	-35.1	-41.0	213.2	25.0	13.7	21.0	344.4	345.8	0.4	58.5	23.6	40.
40.6	93.5	13273.3	250.0	-40.4	-45.9	216.2	27.3	14.1	22.1	346.1	999.9	0.9	59.9	27.0	39.
43.2	93.4	11530.9	225.0	-44.6	-49.9	227.3	29.1	18.5	22.2	347.1	999.9	99.9	59.9	31.3	39.
46.1	93.6	13000.4	200.0	-43.8	-49.9	226.0	24.4	24.2	19.3	347.7	599.9	99.9	99.9	36.4	40.
49.9	103.6	11282.7	175.0	-61.1	-59.9	216.9	37.1	30.7	20.0	389.1	999.9	99.9	99.9	43.3	42.
54.1	104.0	14188.2	150.0	-62.3	-59.9	241.6	35.3	18.5	18.7	352.2	599.9	99.9	99.9	53.2	45.
61.4	115.4	15268.5	125.0	-70.1	-59.9	599.9	99.9	99.9	99.9	368.0	599.9	99.9	99.9	77.4	52.
63.9	43.9	39.3	103.0	55.9	59.9	59.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	34.9	9.2	75.0	99.9	53.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.7	42.7	42.7	51.3	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	54.9	99.9	25.0	54.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY 3.0 MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY 3.0 MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY 3.0 MEANS ELEVATION ANGLE LESS THAN 2 DEG

STATION NO. 494
TOPEKA, KANSAS

8 JUNE 1979
755 GMT

32 844. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	E POT V DG M	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
00	00	268.0	478.3	20.0	20.0	350.0	2.1	0.4	-2.1	295.0	334.4	15.3	100.0	0.0	0.
00	00	268.0	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
01	05	297.4	975.0	20.1	19.6	99.9	99.9	99.9	99.9	295.4	334.1	14.9	97.0	99.9	99.9
00	10	527.1	550.0	18.0	17.4	99.9	99.9	99.9	99.9	296.1	331.5	13.5	92.9	99.9	99.9
10	12	751.2	925.0	17.1	16.0	99.9	99.9	99.9	99.9	296.0	329.7	12.5	93.2	99.9	99.9
20	14	983.2	900.0	15.9	14.4	99.9	99.9	99.9	99.9	297.5	328.7	11.6	90.9	99.9	99.9
30	17	1228.5	875.0	14.5	12.8	99.9	99.9	99.9	99.9	298.5	327.5	10.7	85.2	0.7	25.9
40	19	1471.4	850.0	15.6	12.6	182.1	6.4	0.2	6.4	302.8	332.5	11.1	83.5	0.9	28.3
50	21	1725.2	825.0	14.6	11.8	208.3	8.5	4.2	7.9	308.0	333.0	10.6	83.1	0.9	31.5
00	23	1995.0	800.0	12.4	9.5	198.8	8.2	2.6	7.7	308.4	330.4	5.4	82.4	1.2	34.1
10	25	2251.6	775.0	10.9	8.0	205.1	6.5	2.8	5.9	309.9	329.9	8.8	82.5	1.6	34.9
20	27	2525.6	750.0	10.1	7.0	240.8	5.2	4.3	2.5	307.4	331.3	8.5	81.1	1.8	33.7
30	29	2828.1	725.0	8.8	5.9	286.3	5.2	5.2	0.3	308.7	331.0	8.1	84.9	1.8	35.
40	31	3036.9	700.0	8.1	4.2	599.9	99.9	99.9	99.9	309.2	330.4	7.5	87.9	1.8	15.
50	33	3348.6	675.0	8.3	2.7	999.9	99.9	99.9	99.9	310.5	330.4	8.9	85.1	5.9	99.9
00	35	3701.8	650.0	3.1	1.8	999.9	99.9	99.9	99.9	312.5	332.0	6.7	91.1	9.7	99.9
10	37	4099.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20	39	4500.0	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	41	4900.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	43	5300.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	45	5700.0	525.0	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	47	6100.0	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	49	6500.0	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20	51	6900.0	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	53	7300.0	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	55	7700.0	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	57	8100.0	375.0	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	59	8500.0	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
10	61	8900.0	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
20	63	9300.0	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
30	65	9700.0	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
40	67	10100.0	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
50	69	10500.0	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
00	71	10900.0	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
10	73	11300.0	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
20	75	11700.0	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
30	77	12100.0	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
40	79	12500.0	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
50	81	12900.0	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
00	83	13300.0	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
10	85	13700.0	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
20	87	14100.0	0.0	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
00 BY TEMP MEANS TEMPERATURE AT TIME P-WF BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS
8 JUNE 1979
1100 GMT

TIME MIN	CHFT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	J CCOMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG M	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.4	268.0	978.0	18.9	18.9	50.0	3.1	-2.4	-2.0	293.5	330.8	14.2	100.0	0.0	0.
0.0	9.0	99.0	1000.0	55.9	55.9	99.9	99.9	99.9	99.9	95.5	99.9	99.9	99.9	99.9	999.
0.0	9.7	294.6	975.0	19.1	19.5	599.9	99.9	99.9	99.9	294.4	330.4	13.9	99.8	999.9	999.
0.7	10.9	316.3	950.0	18.8	17.0	999.9	99.9	99.9	99.9	295.2	329.3	13.0	93.7	999.9	999.
1.2	13.1	747.3	925.0	18.9	15.9	999.9	99.9	99.9	99.9	296.2	328.3	12.4	93.7	999.9	999.
1.4	15.3	981.7	900.0	18.6	15.4	999.9	99.9	99.9	99.9	298.2	327.3	12.4	92.8	0.0	296.
2.2	17.5	1222.3	875.0	18.2	13.7	181.2	8.4	-2.7	8.0	300.0	326.4	11.4	80.2	1.0	297.
2.7	19.8	1468.5	850.0	18.4	11.4	160.0	8.2	-2.7	7.7	301.4	325.9	10.0	80.2	1.2	306.
3.2	22.1	1721.5	825.0	14.3	5.6	187.4	7.2	-3.9	6.0	303.4	324.4	9.2	73.7	1.4	311.
3.7	24.4	1451.6	800.0	13.2	8.4	178.2	5.9	-4.6	3.6	305.2	323.4	8.7	72.7	1.6	312.
4.4	26.8	2248.7	775.0	12.8	6.7	117.7	3.7	-3.3	1.7	307.7	322.0	8.0	68.2	1.8	310.
5.7	29.2	2574.8	750.0	12.0	3.5	183.5	1.1	0.1	1.3	310.2	320.5	6.6	53.0	2.0	310.
6.9	31.6	2908.4	725.0	11.3	0.4	574.9	99.9	99.9	99.9	311.5	318.4	5.6	48.3	1.6	312.
8.1	34.1	3101.7	700.0	9.4	-1.6	999.9	99.9	99.9	99.9	313.0	317.4	4.9	46.0	999.9	999.
8.9	36.6	3402.5	675.0	7.1	-2.9	999.9	99.9	99.9	99.9	314.6	316.3	4.6	45.0	999.9	999.
9.9	39.1	3711.4	650.0	5.2	-3.7	999.9	99.9	99.9	99.9	316.4	315.3	4.5	52.7	999.9	999.
10.9	41.7	4030.5	625.0	1.7	-4.5	999.9	99.9	99.9	99.9	318.4	314.6	4.4	23.6	999.9	999.
12.4	44.3	4358.6	600.0	-0.3	-4.4	999.9	99.9	99.9	99.9	319.8	313.8	4.6	73.6	999.9	999.
13.8	47.0	4686.0	575.0	-0.9	-4.6	999.9	99.9	99.9	99.9	318.5	313.3	4.7	75.7	999.9	999.
15.4	49.9	5053.0	550.0	-2.4	-5.9	999.9	99.9	99.9	99.9	321.2	313.0	4.5	76.7	999.9	999.
16.8	52.6	5422.3	525.0	-4.1	-7.7	999.9	99.9	99.9	99.9	323.6	312.3	4.1	75.6	999.9	999.
18.2	55.6	5806.3	500.0	-7.2	-10.0	999.9	99.9	99.9	99.9	325.2	311.9	3.6	74.3	999.9	999.
19.6	58.5	6206.8	475.0	-8.2	-12.2	999.9	99.9	99.9	99.9	327.7	311.0	3.2	72.5	999.9	999.
21.1	61.5	6627.3	450.0	-10.6	-14.9	999.9	99.9	99.9	99.9	329.5	310.2	2.7	70.6	999.9	999.
22.6	64.6	7063.5	425.0	-13.2	-17.7	999.9	99.9	99.9	99.9	331.7	309.6	2.2	68.6	999.9	999.
24.1	67.9	7523.3	400.0	-15.6	-20.4	217.0	25.0	15.5	20.6	334.7	311.1	1.9	66.4	17.9	50.
25.7	71.3	8007.6	375.0	-18.7	-23.7	219.5	26.8	17.0	20.6	336.6	312.7	1.5	64.6	23.3	49.
27.3	74.7	8518.1	350.0	-22.5	-27.6	221.2	27.2	17.9	20.4	338.4	314.4	1.1	62.7	22.8	48.
28.9	79.3	9058.3	325.0	-26.7	-32.5	222.5	25.5	17.5	19.1	339.5	314.7	0.8	57.7	25.6	47.
30.7	82.0	9630.5	300.0	-31.3	-37.5	218.6	28.9	18.0	20.0	341.2	314.2	0.5	53.9	24.1	47.
33.6	86.0	10200.0	275.0	-36.0	-43.3	218.6	28.9	18.0	22.5	342.0	314.1	0.3	50.1	31.2	46.
36.4	93.2	10981.9	250.0	-42.5	-51.9	224.7	30.7	21.6	21.8	342.5	313.9	0.5	55.9	34.3	45.
38.2	94.5	11585.0	225.0	-48.6	-59.9	234.2	31.4	25.4	18.4	344.0	313.9	0.9	99.9	37.7	44.
39.4	94.2	12358.3	200.0	-54.8	-69.9	243.8	33.7	30.8	13.0	342.0	313.9	0.9	99.9	41.7	47.
43.9	134.2	13202.5	175.0	-58.5	-69.9	246.3	36.2	33.1	16.9	353.4	313.9	0.9	99.9	47.0	50.
43.3	109.6	14157.2	150.0	-64.7	-69.9	240.6	34.6	33.9	16.9	353.4	313.9	0.9	99.9	52.0	51.
48.4	115.4	15257.5	125.0	-68.2	-69.9	244.2	24.8	22.4	10.8	371.4	313.9	0.9	99.9	57.6	52.
50.3	121.0	16595.6	100.0	-66.8	-69.9	212.8	12.8	6.9	10.7	398.6	313.9	0.9	99.9	61.5	52.
58.5	131.0	18342.6	75.0	-67.2	-69.9	173.5	6.5	-0.7	6.5	432.2	313.9	0.9	99.9	63.6	51.
62.9	141.0	20271.0	50.0	-55.8	-69.9	117.5	8.6	-7.6	4.0	513.5	313.9	0.9	99.9	63.1	49.
69.6	43.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	99.9	999.9	999.

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

STATION NO. 469
DENVER, COLORADO
7 JUNE 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/NG	RH PCT	RANGE KM	AZ DEG
0.0	23.3	1611.0	836.0	14.4	8.6	90.0	3.1	-3.1	0.0	303.2	327.8	8.6	89.8	0.0	0.0
00.0	43.4	1000.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	23.6	1662.1	825.0	13.4	8.5	999.9	99.9	99.9	99.9	302.7	326.1	8.5	72.3	999.9	999.9
1.0	26.4	1927.7	670.0	11.2	6.9	999.9	99.9	99.9	99.9	303.0	327.7	9.0	85.9	999.9	999.9
1.9	29.0	2185.9	775.0	5.2	7.5	999.9	99.9	99.9	99.9	303.4	328.1	8.5	89.9	999.9	999.9
2.9	31.7	2497.6	750.0	7.9	3.6	306.4	1.3	1.0	-0.8	305.2	324.2	6.7	75.2	0.5	255.
3.8	34.6	2738.0	725.0	6.2	4.3	236.3	2.7	2.2	1.5	306.3	324.8	7.2	87.4	0.4	257.
4.9	37.1	3025.2	700.0	6.0	1.3	241.3	3.0	4.3	2.4	309.2	326.6	6.1	71.9	0.2	289.
6.1	39.9	3322.0	675.0	4.1	-2.7	271.7	6.6	6.6	-0.6	310.2	323.8	4.4	61.0	0.2	51.
7.1	42.7	3628.7	650.0	1.9	-6.3	268.1	9.3	7.2	0.9	311.1	322.1	3.7	54.4	0.6	81.
8.2	45.6	3946.0	625.0	-0.1	-17.6	265.3	13.2	13.1	0.9	312.2	317.4	1.6	27.2	1.4	82.
9.3	49.6	4269.6	600.0	-2.0	-27.1	271.1	16.5	16.9	-0.3	313.8	316.1	0.7	12.8	2.4	86.
10.5	51.6	4606.1	575.0	-4.8	-18.5	264.8	20.7	20.4	1.9	314.4	319.4	1.6	34.1	3.0	87.
11.6	54.6	4954.6	550.0	-7.0	-10.4	253.3	23.2	22.2	6.7	315.8	323.5	3.2	74.8	5.2	85.
12.9	57.9	5315.9	525.0	-5.7	-11.5	248.2	25.2	23.4	9.3	316.6	326.1	3.0	86.6	6.9	81.
14.2	61.1	5691.2	500.0	-12.4	-15.5	250.8	24.2	21.0	8.0	317.7	324.9	2.3	78.8	8.9	76.
15.7	64.4	6081.7	475.0	-14.7	-21.7	250.9	24.0	22.7	7.9	319.8	324.4	1.4	54.9	11.0	77.
17.1	67.9	6480.8	450.0	-18.0	-24.0	249.1	23.3	22.1	11.4	320.4	324.4	1.2	59.2	13.2	75.
18.5	71.3	6913.7	425.0	-20.4	-21.8	239.0	26.8	22.9	13.8	322.5	327.7	1.6	50.2	15.1	73.
20.2	75.0	7362.3	400.0	-21.1	-40.1	238.7	30.6	26.2	15.9	327.6	328.6	0.3	16.1	18.1	71.
22.1	79.7	7835.1	375.0	-21.4	-41.7	238.8	30.1	26.0	15.1	327.5	328.9	0.3	20.1	21.4	69.
24.0	82.6	8333.1	350.0	-27.7	-47.2	248.1	32.1	26.9	14.8	331.6	331.6	0.1	13.4	23.1	66.
26.2	86.7	8861.5	325.0	-32.1	-50.0	239.5	31.8	27.4	16.1	332.4	332.9	0.1	14.9	29.3	67.
28.2	90.8	9420.7	300.0	-37.1	-53.1	237.6	29.6	25.0	15.8	333.2	333.2	0.1	16.8	32.9	66.
30.4	95.4	10015.5	275.0	-42.3	99.9	235.0	28.1	23.3	15.7	333.5	999.9	99.9	999.9	36.7	65.
32.9	100.2	10653.7	250.0	-47.2	50.9	238.7	30.4	24.0	15.8	335.4	999.9	99.9	999.9	40.7	64.
35.3	105.2	11345.7	225.0	-49.3	50.9	241.7	28.9	25.7	13.3	342.5	999.9	99.9	999.9	45.7	64.
38.1	110.6	12115.6	200.0	-48.2	99.9	248.1	29.5	25.6	14.7	351.7	999.9	99.9	999.9	50.3	64.
41.0	116.5	12974.2	175.0	-56.4	99.9	239.2	30.4	25.9	16.0	356.2	999.9	99.9	999.9	55.9	63.
44.9	123.0	13946.6	150.0	-57.6	99.9	243.9	28.6	25.7	12.6	370.9	999.9	99.9	999.9	61.9	63.
47.9	133.0	15084.8	125.0	-60.4	99.9	233.1	15.7	16.5	10.7	385.4	999.9	99.9	999.9	66.6	63.
51.8	134.0	16462.6	100.0	-63.0	99.9	241.3	18.1	16.1	8.1	406.6	999.9	99.9	999.9	72.1	61.
56.3	146.7	18472.0	75.0	-67.4	99.9	216.1	11.1	6.8	8.7	442.6	999.9	99.9	999.9	76.9	62.
66.3	156.0	20501.3	50.0	-84.6	99.9	157.5	6.6	-2.5	6.1	514.5	999.9	99.9	999.9	78.1	61.
77.3	165.0	25312.0	25.0	-45.7	99.9	181.9	6.9	-6.7	1.4	653.2	999.9	99.9	999.9	76.4	59.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE GR TIME HAVF BEEN INTERPOLATED
99 99 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO
7 JUNE 1979
1405 GMT

146 11. 0

TIME MIN	CMCT	WGT GPM	PRES MH	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V CG M	E POT T CG K	WX RTO CM/KG	AM PCT	RANGE KM	AZ DG
0.0	28.4	1811.0	832.7	11.7	4.4	30.0	6.7	-3.3	-5.8	300.2	317.7	6.3	81.0	0.0	0.
00.9	93.9	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
01.8	93.9	99.9	75.0	55.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	93.9	99.9	50.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	93.9	99.9	50.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	93.9	99.9	50.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.4	93.9	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
06.3	93.9	99.9	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.2	28.1	1808.5	875.0	9.5	6.0	99.9	99.9	99.9	99.9	298.7	316.2	7.1	78.5	99.9	99.9
08.1	26.6	1803.6	832.0	7.5	5.1	55.9	55.9	55.9	55.9	299.1	316.0	6.9	84.9	99.9	99.9
09.0	24.4	2204.0	775.0	7.1	-6.6	29.6	7.9	-3.9	-6.9	301.2	309.1	2.6	31.6	1.2	211.
10.0	32.1	2878.1	750.0	6.5	-14.3	29.9	9.0	-2.5	-4.3	303.4	309.7	1.7	20.9	1.7	212.
11.0	34.8	2751.4	725.0	5.2	-3.9	22.3	1.9	-1.8	0.4	305.2	317.5	4.3	56.0	1.9	210.
12.0	37.6	3037.8	700.0	3.3	3.3	24.2	4.1	3.8	1.5	306.2	323.8	7.0	102.1	1.7	206.
13.0	43.2	3637.7	650.0	2.0	-0.8	25.6	6.3	6.0	1.7	307.5	323.4	5.4	82.2	1.5	195.
14.0	43.2	3637.7	650.0	1.8	-5.8	25.6	6.7	6.6	1.3	311.1	322.4	3.8	56.7	1.3	179.
15.0	46.1	3953.0	625.0	-0.5	-8.1	25.5	7.4	7.2	1.6	311.5	321.6	3.3	55.4	1.3	162.
16.0	44.1	4277.5	600.0	-3.6	-9.7	24.7	9.1	8.3	3.6	311.8	321.0	3.1	63.5	1.5	139.
17.0	52.1	4612.4	575.0	-6.8	-7.8	22.0	12.6	9.2	8.6	313.0	320.2	3.7	86.7	1.7	118.
18.0	53.3	4860.5	550.0	-7.2	-7.9	22.0	17.1	11.8	12.3	315.2	327.2	3.9	93.1	2.4	85.
19.0	58.5	5322.4	525.0	-5.3	-10.2	22.6	19.8	14.8	13.2	317.2	327.5	3.3	93.0	3.7	70.
20.0	61.7	5508.7	500.0	-11.4	-12.2	23.3	22.4	17.5	14.0	319.1	328.5	3.0	54.1	5.3	64.
21.0	63.1	6090.8	475.0	-13.8	-16.0	23.9	26.5	22.2	14.5	320.5	328.3	2.3	63.3	7.3	61.
22.0	64.6	6500.2	450.0	-16.9	-20.1	24.7	30.2	26.8	13.8	322.2	328.1	1.7	73.6	9.9	61.
23.0	73.7	7176.2	400.0	-20.4	-21.9	24.8	31.5	28.2	13.9	321.0	328.1	1.6	87.3	12.6	62.
24.0	79.5	7451.1	375.0	-23.9	-43.9	24.2	31.5	27.6	15.2	328.2	328.5	0.3	14.0	15.6	62.
25.0	81.5	8150.5	350.0	-28.1	-47.7	23.9	29.5	24.4	16.4	330.5	330.7	0.2	12.9	18.7	61.
26.0	87.5	8477.4	325.0	-32.7	-50.5	23.3	26.2	24.8	15.3	331.7	332.1	0.1	14.7	22.3	60.
27.0	91.5	8936.3	300.0	-36.8	-53.7	23.5	30.3	25.6	17.2	333.2	333.9	0.1	15.2	25.8	60.
28.0	95.3	10012.6	275.0	-42.0	-59.9	22.9	30.9	23.4	20.1	334.4	334.9	99.9	99.9	33.4	59.
29.0	104.2	11369.2	225.0	-47.6	-66.6	23.1	30.5	24.1	18.7	336.2	334.9	99.9	99.9	37.7	58.
30.0	111.5	12181.7	200.0	-51.7	-69.9	23.6	35.4	28.1	14.4	345.2	339.9	99.9	99.9	42.5	57.
31.0	117.5	12998.9	175.0	-56.2	-69.9	23.6	36.3	31.3	21.5	351.0	339.9	99.9	99.9	47.9	57.
32.0	123.8	13977.8	150.0	-62.9	-69.9	23.6	26.0	22.2	13.6	357.2	339.9	99.9	99.9	51.9	56.
33.0	130.7	16498.5	100.0	-61.7	-69.9	23.2	17.5	15.0	9.0	408.2	339.9	99.9	99.9	61.7	56.
34.0	147.3	18492.3	75.0	-58.4	-69.9	19.8	9.7	15.0	9.2	450.6	339.9	99.9	99.9	72.2	57.
35.0	156.0	20494.6	50.0	-55.3	-69.9	13.9	5.9	-4.2	4.1	513.3	339.9	99.9	99.9	78.1	57.
36.0	165.0	25801.1	25.0	-45.1	-69.9	99.9	99.9	99.9	99.9	655.1	339.9	99.9	99.9	75.4	57.

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 468
DENVER, COLORADO

7 JUNE 1979
1705 GMT

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TIME MIN	CMCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIS DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	22.8	1611.0	815.0	11.1	6.6	170.0	3.6	-0.6	3.5	299.3	319.5	7.4	74.0	0.0	0.
00.9	99.9	1000.0	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
09.9	99.9	99.9	975.0	99.9	99.9	99.9	95.5	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	850.0	99.9	99.9	99.9	95.5	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	23.8	1711.4	825.0	9.4	1.7	135.9	7.5	-5.2	5.4	298.5	313.2	5.3	58.8	0.2	320.
1.4	26.4	1965.3	800.0	4.1	0.9	131.9	5.1	-7.8	3.4	297.7	311.9	5.1	65.3	0.5	316.
2.5	29.0	2224.8	775.0	4.3	2.2	125.5	3.4	-2.7	2.2	296.4	314.5	5.4	86.1	0.4	314.
3.5	31.6	2491.5	750.0	2.6	2.4	143.0	2.2	-1.4	1.8	299.4	316.2	6.1	98.3	1.0	313.
4.6	34.2	2765.9	725.0	2.0	1.8	205.3	3.4	1.7	3.0	301.7	318.9	6.0	99.3	1.1	317.
5.7	37.0	3049.6	700.0	1.7	1.4	259.7	5.4	5.1	1.9	304.4	321.4	6.4	97.7	1.1	335.
6.4	39.8	3342.8	675.0	0.7	0.4	297.8	6.6	6.6	0.3	304.5	323.1	5.8	97.6	1.0	357.
8.4	42.6	3646.3	650.0	-0.0	-0.4	235.3	7.1	6.1	3.6	308.5	325.5	5.7	97.3	1.2	29.
10.2	45.5	3960.2	625.0	-1.3	-1.7	206.0	5.6	4.2	8.7	310.5	327.7	5.4	97.3	2.0	32.
11.4	48.4	4285.3	600.0	-2.7	-3.1	207.6	13.9	5.6	12.8	313.0	329.0	5.1	96.9	2.9	29.
12.6	51.4	4623.0	575.0	-3.6	-4.1	208.8	19.1	9.2	16.8	315.8	330.6	4.9	96.3	4.1	29.
13.5	54.4	4973.8	550.0	-5.7	-6.4	219.5	21.1	13.4	16.3	318.2	330.4	4.3	95.3	5.2	29.
14.6	57.5	5337.5	525.0	-7.3	-8.1	230.1	22.6	17.3	14.5	319.6	331.9	4.0	94.3	6.4	32.
15.6	60.4	5716	500.0	-11.2	-13.0	237.4	24.4	20.5	13.2	319.4	329.3	2.8	86.5	7.9	37.
17.1	64.0	6107.5	475.0	-14.0	-16.3	239.2	23.4	19.9	12.3	320.7	326.8	1.9	69.6	10.0	41.
19.5	67.4	6516.6	450.0	-16.7	-20.1	231.1	21.1	17.3	12.1	322.2	327.9	1.7	74.3	11.9	44.
20.0	71.9	6944.0	425.0	-20.0	-24.9	240.2	22.7	19.7	11.3	323.4	326.5	0.9	45.0	13.7	45.
21.5	74.4	7391.1	400.0	-22.8	-30.7	242.9	25.0	24.9	12.7	325.4	325.9	0.4	26.9	15.9	46.
23.3	78.2	7862.2	375.0	-25.1	-41.9	238.9	31.3	27.8	16.2	328.4	329.3	0.3	19.1	19.0	50.
25.0	82.1	8359.6	350.0	-29.1	-48.6	235.1	31.3	27.7	17.9	329.5	330.2	0.2	20.6	22.1	51.
26.9	86.2	8824.8	325.0	-31.3	-49.1	232.5	31.6	25.1	19.3	330.8	331.3	0.1	18.4	25.0	51.
29.0	92.5	9442.1	300.0	-37.4	-50.9	228.2	32.8	24.4	21.8	332.4	332.8	0.1	23.2	29.4	51.
31.5	95.0	10036.3	275.0	-42.2	-59.9	225.4	35.5	23.3	24.9	334.1	339.9	99.9	999.9	34.0	51.
33.6	99.8	10677.2	250.0	-46.3	-69.9	224.4	35.5	20.9	23.8	340.2	349.9	99.9	999.9	34.3	50.
35.8	104.8	11381.7	225.0	-46.6	-69.9	229.1	39.1	26.4	25.4	347.0	359.9	99.9	999.9	44.3	50.
38.4	112.2	12154.7	200.0	-51.3	-59.9	231.3	38.4	30.0	27.0	351.5	369.9	99.9	999.9	50.2	50.
41.3	116.3	13016.4	175.0	-54.3	-59.9	239.7	37.7	32.5	19.0	360.4	369.4	99.9	999.9	57.2	50.
44.4	122.7	14000.4	150.0	-55.3	-59.9	243.2	29.4	25.4	12.8	378.5	378.5	99.9	999.9	62.8	52.
47.9	129.7	15147.1	125.0	-61.5	-59.9	237.8	21.6	17.2	13.1	383.1	383.1	99.9	999.9	68.3	52.
52.1	133.3	16528.9	100.0	-67.7	-59.9	226.8	18.2	13.3	12.5	410.3	399.9	99.9	999.9	73.2	52.
57.3	145.7	18126.4	75.0	-67.9	-59.9	213.8	11.1	6.2	9.2	451.4	399.9	99.9	999.9	77.5	51.
64.6	154.3	20896.5	50.0	-65.0	-59.9	143.9	5.9	-1.6	5.7	514.0	399.9	99.9	999.9	79.9	50.
99.9	99.9	99.9	25.0	99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	956.9	999.

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 99 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

7 JUNE 1979
2005 GMT

150 9. 0

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T OG M	E POT T CG M	WX WIND CM/KS	SM PCT	RANGE KM	AZ DEG
0.0	22.7	1611.0	636.7	18.0	6.2	128.0	2.6	-2.3	1.3	298.5	317.6	7.1	77.0	0.0	0.
09.9	03.9	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
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	09.9	99.9	825.0	7.8	4.2	130.7	1.8	-1.4	1.2	296.5	318.1	6.3	78.4	0.0	100.
1.3	26.2	191.1	800.0	5.4	4.1	135.4	2.1	-1.5	1.5	296.5	318.5	6.5	91.3	0.1	315.
2.3	29.7	222.5	775.0	4.2	3.3	130.4	3.7	-2.8	2.4	298.2	318.5	6.3	91.7	0.3	312.
3.3	31.1	249.7	750.0	3.8	2.7	125.8	3.5	-2.7	2.2	300.7	318.0	6.2	92.3	0.5	311.
4.5	36.0	276.1	725.0	2.5	1.1	118.9	3.2	-3.2	1.6	302.2	318.4	5.7	92.4	0.7	309.
5.7	36.7	308.6	700.0	0.9	-0.6	148.5	7.3	-3.8	6.2	302.2	318.4	5.3	89.6	1.1	311.
6.7	39.3	333.8	675.0	-0.9	-4.2	168.1	12.0	-3.3	11.5	304.4	318.6	4.2	78.4	1.6	321.
7.7	42.2	360.0	650.0	-1.0	-1.0	172.8	16.3	-2.0	16.1	307.5	329.7	5.4	100.6	2.4	330.
8.5	45.0	393.9	625.0	-1.5	-0.5	184.2	17.5	1.3	17.5	311.5	329.1	5.9	100.7	3.1	337.
9.3	47.9	428.4	600.0	-1.6	-1.6	154.5	18.3	5.2	17.6	314.2	331.1	5.7	100.5	3.9	346.
10.5	50.9	461.4	575.0	-1.9	-3.9	131.9	18.9	10.5	15.7	315.2	331.0	5.0	100.2	5.0	355.
11.9	53.9	495.2	550.0	-2.8	-4.2	220.2	21.1	15.3	14.6	317.3	331.0	4.5	99.9	6.1	5.
13.6	57.0	532.1	525.0	-3.8	-9.2	236.0	22.9	19.0	12.8	317.8	329.0	3.6	97.5	7.7	17.
15.0	62.3	570.9	500.0	-11.2	-13.0	235.3	26.9	23.1	13.7	319.4	328.2	2.8	86.2	9.6	26.
16.2	63.5	610.5	475.0	-13.7	-15.5	241.4	29.9	26.3	14.4	321.0	328.2	2.4	86.0	11.4	32.
17.7	66.9	651.0	450.0	-16.6	-14.8	243.6	31.5	28.2	14.0	322.4	328.6	1.9	83.2	13.8	38.
19.2	70.1	691.4	425.0	-19.4	-24.0	241.5	33.9	29.8	16.2	324.1	329.2	1.5	80.0	16.5	42.
20.8	73.7	731.2	400.0	-21.9	-24.9	230.5	36.9	29.1	19.3	326.2	330.8	1.3	76.3	19.6	45.
22.6	77.4	780.9	375.0	-24.8	-24.6	227.6	33.0	25.0	22.8	328.8	332.1	1.0	70.5	23.0	46.
23.8	81.3	837.9	350.0	-28.8	-33.3	221.2	31.4	20.7	23.6	330.0	332.3	0.6	64.3	25.8	46.
25.4	85.3	894.1	325.0	-32.9	-38.3	218.9	30.5	19.1	23.7	331.4	332.9	0.4	57.9	29.7	45.
27.1	89.5	948.2	300.0	-37.1	-43.0	220.3	33.3	21.8	23.4	333.2	334.2	0.3	53.7	32.0	43.
29.1	93.8	1003.4	275.0	-41.5	-49.9	222.9	36.9	25.1	27.1	335.1	334.9	0.3	53.7	32.0	43.
31.3	99.6	1067.7	250.0	-46.0	-59.9	231.0	40.2	31.2	25.2	337.2	339.9	0.3	53.7	32.0	43.
33.9	103.6	1137.9	225.0	-46.5	-69.9	234.5	43.6	35.5	25.3	347.3	339.9	0.3	53.7	32.0	43.
36.5	104.8	1215.5	200.0	-45.5	-69.9	238.1	43.3	36.5	23.4	344.4	339.9	0.3	53.7	32.0	43.
39.5	114.8	1328.7	175.0	-43.8	-69.9	235.1	38.2	32.2	22.4	361.1	339.9	0.3	53.7	32.0	43.
42.8	121.3	1408.7	150.0	-45.5	-69.9	233.6	26.6	22.0	14.9	374.4	339.9	0.3	53.7	32.0	43.
46.4	129.3	1513.5	125.0	-43.8	-69.9	233.3	27.5	21.2	17.6	381.0	339.9	0.3	53.7	32.0	43.
51.3	136.3	1633.6	100.0	-46.3	-69.9	232.3	18.8	14.9	11.5	415.1	339.9	0.3	53.7	32.0	43.
56.8	145.3	1733.8	75.0	-57.7	-69.9	208.6	10.6	5.1	9.3	452.1	339.9	0.3	53.7	32.0	43.
65.0	155.3	2090.9	50.0	-55.4	-69.9	192.6	7.8	1.7	7.6	512.5	339.9	0.3	53.7	32.0	43.
76.9	175.0	2503.7	25.0	-49.1	-69.9	123.5	7.5	-6.2	4.1	643.4	339.9	0.3	53.7	32.0	43.

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

STATION NO. 469
DENVER, COLORADO
7 JUNE 1979
2300 GMT

46 456. 0

TIME MIN	CHTY	HEIGHT GPN	PRES HG	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT P DG M	E POT F DG X	MR RTO GM/KG	RM PCT	RANGE NM	AZ DG
00	23.3	1611.0	875.4	6.9	6.2	330.0	4.1	2.1	-3.6	296.5	316.3	7.1	83.0	0.0	0.
00.9	09.9	89.9	1000.0	59.8	59.9	99.9	99.9	99.9	99.8	88.5	599.9	99.9	999.9	999.9	999.9
01.8	08.4	88.9	875.0	95.9	95.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	999.9	999.9	999.9
02.7	09.9	86.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
03.6	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
04.5	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
05.4	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
06.3	09.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
07.2	09.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
08.1	09.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
09.0	09.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
10.0	09.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
11.0	09.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
12.0	09.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
13.0	09.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
14.0	09.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
15.0	09.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
16.0	09.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
17.0	09.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
18.0	09.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
19.0	09.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
20.0	09.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
21.0	09.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
22.0	09.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
23.0	09.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
24.0	09.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
25.0	09.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
26.0	09.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
27.0	09.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
28.0	09.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
29.0	09.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
30.0	09.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
31.0	09.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
32.0	09.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
33.0	09.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
34.0	09.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
35.0	09.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
36.0	09.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
37.0	09.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
38.0	09.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9
39.0	09.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO
8 JUNE 1979
200 GMT

114 104. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U CM/SEC	V M/SEC	POT T DG K	E POT V DG K	MJ AVG CM/KG	RM PCT	RANGE KM	AZ DC
0.0	23.2	1011.0	837.7	7.2	5.0	100.0	2.6	-2.6	0.5	294.5	312.6	6.6	88.0	0.0	0.0
00.0	00.0	99.0	1000.0	95.0	90.0	99.0	99.0	90.0	99.0	99.1	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	975.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	950.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	925.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	900.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	875.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	850.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	825.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	800.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	775.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	750.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	725.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	700.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	675.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	650.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	625.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	600.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	575.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	550.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	525.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	500.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	475.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	450.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	425.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	400.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	375.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	350.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	325.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	300.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	275.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	250.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	225.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	200.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	175.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	150.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	125.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	100.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	75.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	50.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0
00.0	00.0	99.0	25.0	99.0	90.0	99.0	99.0	90.0	99.0	99.5	999.0	99.0	99.0	999.0	99.0

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

STATION NO. 409
DENVER, COLORADO
0 JUNE 1979
000 GMT

105 127. 0

TIME MM	CHTCY	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT 1 DG M	E POT Y DG M	HA STD GM/KG	RM PCT	RANGE AZ KM	AZ DG
00	22.1	1011.0	839.5	6.7	4.5	236.0	2.4	2.0	1.7	294.8	311.3	0.3	00.0	0.0	0.
00.0	00.0	00.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	975.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	950.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	925.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	875.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	850.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
0.4	23.0	1754.1	825.0	5.3	4.2	205.3	1.4	1.3	-0.5	294.2	311.1	4.3	02.3	0.2	357.
1.3	26.1	2093.0	800.0	3.6	2.4	262.6	1.0	1.0	0.1	295.0	310.4	5.7	02.0	0.2	5.
2.2	28.5	2262.0	775.0	2.4	1.5	100.6	4.3	-4.1	1.2	296.4	311.8	5.5	03.0	0.3	337.
3.3	31.1	2527.0	750.0	1.4	0.7	125.7	4.7	-3.9	2.6	298.2	313.2	5.4	04.0	0.6	311.
4.5	33.7	2801.1	725.0	0.7	-0.2	105.7	4.1	-4.0	1.1	300.2	314.8	5.2	03.0	0.9	307.
6.0	36.4	3063.1	700.0	-0.2	-1.1	100.0	2.7	-2.7	0.5	302.2	316.5	5.1	03.0	1.1	299.
7.5	39.1	3324.2	675.0	-1.1	-2.1	243.2	2.5	2.4	1.1	304.4	318.3	4.9	03.2	1.4	297.
8.9	41.9	3675.1	650.0	-2.4	-3.7	254.4	3.5	3.4	1.0	306.0	319.0	4.5	02.4	1.1	301.
10.2	44.7	3965.7	625.0	-4.5	-5.5	207.9	5.2	2.4	4.0	307.4	319.2	4.1	02.2	1.1	315.
11.5	47.6	4301.3	600.0	-5.3	-6.4	191.7	11.0	2.2	10.7	310.0	321.6	4.0	02.2	1.5	335.
12.6	50.5	4651.9	575.0	-5.3	-6.4	195.4	17.8	2.9	17.5	313.6	326.1	4.1	02.3	2.3	369.
13.8	53.5	4991.1	550.0	-6.3	-7.3	194.2	22.0	5.4	21.3	316.6	328.8	4.0	02.4	3.7	357.
14.9	56.5	5354.3	525.0	-8.1	-9.2	204.1	25.5	16.4	23.3	318.7	329.9	3.6	01.7	5.2	4.
16.4	59.8	5731.6	500.0	-11.2	-12.5	207.1	28.0	12.0	25.0	319.4	329.8	2.9	01.2	7.4	11.
18.4	62.9	6124.0	475.0	-13.4	-14.8	208.7	29.2	13.1	26.1	321.4	329.8	2.5	00.2	17.0	16.
20.5	66.3	6532.0	450.0	-17.0	-18.9	211.5	28.4	14.9	24.2	321.6	329.8	1.9	05.5	14.5	19.
22.0	69.6	6959.4	425.0	-20.3	-23.1	215.1	26.2	15.1	21.4	323.6	327.6	1.4	77.8	16.7	21.
23.7	73.1	7405.3	400.0	-24.2	-30.6	218.3	27.1	16.1	21.8	323.6	326.1	0.7	55.3	19.4	23.
25.8	76.8	7972.9	375.0	-27.5	-42.3	215.6	33.3	18.4	27.7	325.3	326.0	0.2	22.9	23.0	25.
27.6	80.6	8565.5	350.0	-31.0	-47.0	215.1	31.2	17.5	25.8	326.2	326.0	0.2	20.0	26.0	26.
29.5	84.5	9195.4	325.0	-35.8	-52.5	213.5	31.0	17.5	24.5	327.4	327.7	0.1	16.0	30.0	27.
31.4	88.6	9838.5	300.0	-38.3	-56.5	208.4	37.7	18.5	32.8	331.2	331.7	0.1	12.0	33.0	28.
33.9	93.0	10377.7	275.0	-39.5	-59.9	203.9	39.6	17.3	35.6	335.6	335.9	00.0	00.0	36.2	28.
35.3	97.6	10884.7	250.0	-43.5	-69.9	201.7	45.4	16.8	42.2	341.2	339.9	00.0	00.0	43.4	27.
37.6	102.4	11388.1	225.0	-45.7	-59.9	201.1	42.0	17.4	39.0	342.3	339.9	00.0	00.0	49.0	26.
40.4	107.8	12140.3	200.0	-42.5	-59.9	218.9	43.70	21.0	36.7	349.3	339.9	00.0	00.0	56.7	27.
43.3	113.5	13010.4	175.0	-42.3	-59.9	220.3	40.30	24.1	30.8	363.8	339.9	00.0	00.0	61.8	28.
46.7	119.7	13984.2	150.0	-38.6	-50.6	000.0	00.00	00.0	00.0	388.4	000.0	00.0	00.0	76.9	30.
00.0	00.0	00.0	125.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	100.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	75.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	50.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.
00.0	00.0	00.0	25.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0	00.0	00.0	000.0	000.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE 00 TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 499
DENVER, COLORADO

8 JUNE 1979
1125 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT A DG M	E POT T DG M	MR RTO CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	22.4	1611.0	646.0	5.6	3.9	328.0	3.1	1.4	-2.7	293.0	309.3	4.1	69.0	0.0	0.
00.0	09.0	1000.0	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
00.0	09.0	49.0	875.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	09.0	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
00.0	09.0	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
00.0	09.0	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	09.0	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	23.4	1750.1	825.0	3.9	3.9	347.9	2.7	0.6	-2.7	292.0	308.9	6.0	57.2	0.1	170.
1.4	26.3	2008.5	800.0	3.3	2.9	9.2	2.1	-0.3	-2.1	294.0	310.6	5.9	57.3	0.3	176.
2.4	29.9	2269.5	775.0	1.5	1.0	52.5	2.5	-2.0	-1.5	295.4	310.0	5.3	97.0	0.4	183.
3.4	31.5	2529.6	750.0	0.4	-0.1	84.2	3.0	-3.0	-0.4	297.4	311.0	5.1	97.0	0.5	208.
4.4	34.1	2901.7	725.0	-0.3	-0.7	95.5	4.7	-6.7	0.4	299.2	311.2	5.0	66.9	0.7	233.
5.7	36.8	3082.1	700.0	-1.8	-2.3	100.7	8.4	-6.3	1.6	300.2	313.5	4.6	66.8	1.2	258.
7.0	39.6	3378.3	675.0	-2.9	-3.3	109.5	7.5	-7.1	2.5	302.2	315.1	4.5	66.8	1.8	265.
8.4	42.3	3671.1	650.0	-3.1	-3.5	119.8	6.6	-5.0	4.2	305.2	316.0	4.6	96.7	2.2	272.
9.7	45.1	3981.6	625.0	-3.8	-4.3	163.4	16.0	-3.1	10.4	308.1	321.1	4.5	56.8	2.6	283.
11.0	47.0	4307.5	600.0	-3.6	-4.0	190.7	15.0	2.0	14.8	311.5	323.9	4.7	97.0	3.1	302.
12.5	51.0	4649.2	575.7	-3.8	-4.7	202.6	17.1	0.6	15.0	313.2	325.8	4.2	96.9	3.7	325.
13.9	56.0	4988.1	550.0	-7.5	-8.0	205.7	18.0	7.8	16.3	315.2	326.7	3.8	66.8	4.4	361.
15.7	57.1	5188.6	525.0	-10.3	-10.9	212.1	20.8	11.1	17.6	316.0	325.8	3.2	65.9	4.2	355.
17.5	60.3	5722.7	500.0	-13.0	-13.6	216.5	23.9	14.2	19.3	317.2	325.6	2.7	96.4	8.7	6.
19.3	63.5	6111.5	475.0	-16.4	-17.8	217.7	26.7	17.6	22.7	317.7	324.0	2.0	88.7	1.7	16.
20.9	66.9	6516.2	450.6	-19.9	-20.1	217.3	30.7	18.4	24.4	318.2	322.2	1.2	47.5	13.5	19.
23.7	70.3	6938.0	425.0	-21.2	-23.9	219.1	32.8	20.7	25.5	321.2	325.4	1.1	66.3	18.5	24.
26.7	73.9	7327.4	400.0	-24.0	-27.1	220.2	31.1	20.1	23.8	323.6	327.3	1.0	73.4	23.9	26.
30.5	77.5	7851.9	375.0	-26.9	-29.7	212.5	32.9	17.6	27.7	326.6	327.2	0.3	30.2	31.2	30.
33.6	81.3	8387.6	350.0	-28.8	-31.6	208.1	35.30	16.6	31.1	328.6	330.2	0.4	46.1	37.6	30.
36.7	85.2	8871.0	325.0	-33.9	-34.7	205.8	30.00	18.7	32.4	329.9	330.7	0.2	32.7	44.3	29.
39.8	89.3	9425.9	300.0	-39.0	-41.4	208.4	36.50	17.5	32.5	330.4	330.8	0.1	25.4	50.8	29.
43.2	93.0	10019.7	275.0	-46.7	-49.9	207.2	47.00	18.6	36.3	334.3	339.4	99.9	99.9	58.5	29.
47.2	96.4	10664.6	250.0	-49.0	-52.9	204.3	42.30	17.4	38.6	339.6	359.9	99.9	99.9	68.9	26.
50.9	103.4	11342.5	225.0	-49.0	-52.9	207.0	48.40	22.0	43.1	343.5	359.4	99.9	99.9	78.7	28.
55.1	108.6	12130.2	200.0	-52.8	-56.9	208.5	39.20	18.7	34.7	349.1	359.4	99.9	99.9	89.7	28.
59.5	116.8	12981.6	175.0	-54.1	-59.9	218.8	36.50	22.8	28.6	360.6	359.9	99.9	99.9	99.1	26.
64.5	130.6	13973.5	150.0	-55.5	-61.9	217.3	32.900	20.0	26.2	374.8	359.9	99.9	99.9	109.1	26.
70.3	128.0	15125.4	125.0	-59.0	-66.9	214.0	18.000	10.7	15.4	389.2	359.9	99.9	99.9	118.5	36.
77.2	124.0	16514.1	100.0	-62.0	-69.9	217.7	23.00	14.1	18.2	407.5	359.9	99.9	99.9	124.5	36.
83.4	125.7	18299.1	75.0	-67.5	-75.9	211.7	15.70	0.2	13.3	424.2	359.9	99.9	99.9	132.8	38.
90.7	153.7	20800.0	50.0	-54.8	-69.0	94.7	17.80	-17.7	1.5	518.7	359.9	99.9	99.9	135.4	29.
111.7	168.3	25357.4	25.0	-62.7	-69.9	999.9	999.9	99.9	99.9	645.3	645.3	99.9	99.9	999.9	999.9

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

STATION NO. 832
 PEORIA, ILLINOIS
 7 JUNE 1979
 1105 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	F POT V DEG K	MJ RTO G/SEC	AM PCT	RANGE KM	AZ DEG
0.0	0.4	200.0	982.5	21.7	19.4	190.0	5.7	0.0	5.7	296.4	334.5	14.7	87.0	0.0	0.
0.2	0.1	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
1.0	11.5	266.8	975.0	21.6	20.0	190.0	11.3	2.0	11.1	297.1	337.0	15.3	89.5	0.3	5.
1.9	13.8	492.8	950.0	20.5	19.2	196.8	13.8	4.0	13.2	298.6	337.1	14.9	92.5	1.4	17.
2.7	14.2	723.7	925.8	19.4	18.1	213.6	15.7	6.7	13.0	299.1	336.9	14.3	92.3	1.4	17.
3.5	16.6	959.6	900.0	18.2	15.9	227.6	16.5	12.2	11.1	300.3	336.4	12.8	86.3	2.2	26.
4.3	18.6	1201.9	875.0	17.7	13.2	230.9	17.5	13.5	11.0	302.2	332.1	11.0	75.1	3.0	33.
5.2	21.1	1449.5	850.0	15.5	11.1	237.0	14.5	10.6	9.9	302.4	332.9	11.3	86.0	3.8	37.
6.2	23.6	1703.2	825.0	14.7	10.2	214.0	12.5	7.3	10.1	304.1	331.4	9.9	77.4	4.5	38.
7.1	26.2	1963.6	800.0	12.8	11.8	209.6	11.6	5.2	10.2	304.2	334.7	10.9	93.6	5.1	37.
8.2	28.7	2230.3	775.0	11.1	9.7	205.8	12.4	5.4	11.1	305.2	332.7	8.8	91.8	5.9	36.
9.2	31.4	2503.9	750.0	5.2	7.8	202.1	11.4	4.3	10.5	306.2	331.5	8.9	91.3	6.5	34.
10.4	34.9	2784.7	725.0	7.3	6.0	201.2	10.5	4.1	9.7	307.2	330.3	8.1	91.2	7.3	33.
11.5	39.7	3073.0	700.0	5.0	2.6	205.0	10.0	4.2	9.1	308.2	326.9	6.6	84.5	7.9	32.
12.7	42.4	3169.5	675.0	3.6	-0.5	199.2	11.0	3.6	10.4	309.7	325.0	5.5	74.2	8.6	32.
13.9	45.4	3275.5	650.0	2.0	-1.8	182.0	11.5	2.4	11.2	311.2	326.3	5.2	76.3	9.4	30.
15.2	49.4	3591.4	625.0	0.1	-3.4	166.7	14.1	4.1	13.5	312.2	323.9	3.6	61.5	10.3	29.
16.5	51.4	4117.7	600.0	-1.7	-5.4	201.1	14.7	5.3	13.7	314.2	329.1	5.0	69.0	11.4	28.
17.5	54.5	4556.1	575.0	-3.4	-3.4	202.3	15.4	5.8	14.2	316.2	329.4	4.5	86.1	12.6	27.
19.0	57.6	5006.9	550.0	-5.1	-9.4	197.5	15.4	4.6	14.7	318.6	328.5	3.4	72.0	13.7	27.
20.3	60.9	5371.2	525.0	-7.3	-9.0	205.2	15.2	6.5	13.7	319.2	331.0	3.7	84.0	14.9	26.
21.8	64.3	5750.0	500.0	-9.1	-9.5	219.4	14.8	9.4	11.4	322.0	323.1	0.3	6.8	16.1	27.
23.3	67.7	6144.6	475.0	-12.1	-17.6	229.2	13.6	16.3	8.9	323.1	323.2	0.0	1.0	17.2	28.
24.8	71.3	6544.7	450.0	-15.8	-24.1	227.9	15.5	11.5	10.4	323.4	327.8	1.4	95.1	18.4	29.
26.4	74.9	6932.0	425.0	-15.0	-23.9	220.3	16.5	10.7	12.6	324.6	329.0	1.3	66.0	19.4	30.
28.0	78.7	7312.9	400.0	-20.0	-23.6	215.7	19.9	11.6	16.2	329.0	333.0	1.2	60.8	21.5	31.
29.5	82.5	7618.0	375.0	-21.0	-28.4	218.3	18.4	12.1	15.3	333.0	337.3	1.0	51.1	23.4	31.
31.2	86.7	8018.6	350.0	-24.9	-37.2	216.8	17.2	19.3	13.7	334.6	336.4	0.5	30.7	24.1	32.
33.0	90.8	8444.0	325.0	-28.9	-37.1	225.3	15.4	18.9	10.8	336.5	338.4	0.5	44.4	26.7	32.
35.0	95.4	8921.2	300.0	-33.7	-48.3	232.1	18.7	14.8	11.5	337.5	339.3	0.4	51.2	28.3	33.
37.1	100.2	10124.8	275.0	-39.2	-48.5	225.9	23.2	16.7	16.1	338.2	339.3	0.2	45.4	30.6	35.
39.0	105.2	10769.6	250.0	-45.2	-49.9	223.8	23.7	17.0	16.5	339.6	339.9	0.9	99.9	33.7	36.
41.1	110.5	12116.7	225.0	-56.8	99.9	223.9	24.5	17.0	17.7	334.2	339.9	0.9	99.9	36.4	36.
43.7	114.3	13043.9	175.0	-54.4	99.9	217.5	22.0	20.3	6.4	356.6	339.9	0.9	99.9	39.6	37.
46.4	122.3	14937.2	150.0	-57.9	99.9	229.8	19.7	18.4	3.5	378.2	339.9	0.9	99.9	45.8	41.
50.0	129.3	15181.3	125.0	-59.7	99.9	221.5	17.4	17.2	2.0	407.6	339.9	0.9	99.9	48.9	43.
54.0	137.0	16557.9	100.0	-62.1	99.9	228.4	10.6	18.4	2.1	407.6	339.9	0.9	99.9	51.6	47.
59.1	145.3	18339.6	75.0	-62.4	99.9	221.0	6.1	5.8	2.0	442.2	339.9	0.9	99.9	53.7	48.
65.9	154.3	20174.4	50.0	-57.5	99.9	137.3	4.4	-3.1	3.4	508.1	339.9	0.9	99.9	63.7	48.
76.5	163.3	25391.1	25.0	-47.9	99.9	97.7	7.3	-7.2	1.0	647.8	339.9	0.9	99.9	81.4	44.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 332
 PEORIA, ILLINOIS
 7 JUNE 1979
 1405 GMT

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FILE MIN	CUTCT	WEIGHT GPM	PRES MI	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG M	POT X DEG M	MP BTO GM/KG	RH PCT	RANGE AZ KM	DZ DG
6.9	8.0	200.0	983.4	21.1	20.6	180.0	6.2	0.0	6.2	295.7	336.8	15.8	97.0	0.0	0.
7.9	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
8.2	8.7	274.9	975.0	21.9	21.7	173.5	9.7	-1.1	9.6	297.1	341.6	17.1	98.9	0.2	300.
1.0	11.1	501.1	950.0	20.4	19.7	172.5	11.2	-6.9	11.2	297.5	338.2	15.4	95.0	0.6	349.
2.1	13.5	731.8	925.0	19.0	14.6	192.0	11.9	2.5	11.7	296.7	329.2	11.4	75.9	1.3	358.
3.1	15.9	967.0	900.0	17.7	8.2	193.6	12.0	4.1	11.3	299.8	320.6	7.8	53.7	2.1	4.
4.4	19.3	1207.4	875.0	16.3	7.5	203.6	12.4	4.9	11.3	300.7	321.1	7.5	95.9	1.0	10.
5.5	20.8	1493.7	850.0	15.8	6.8	210.1	11.6	5.8	10.0	301.8	322.0	7.3	98.0	3.7	14.
6.2	23.3	1795.9	825.0	13.4	5.2	214.4	11.1	6.3	9.1	302.8	321.7	6.8	57.6	4.2	18.
7.0	25.8	1984.6	800.0	12.0	5.7	213.1	9.8	5.3	8.2	304.0	324.1	7.2	65.1	4.6	18.
8.0	28.4	2210.4	775.0	10.6	5.3	210.6	10.0	5.1	8.6	305.2	325.5	7.2	65.3	5.2	17.
8.8	31.0	2507.5	750.0	9.7	4.6	211.5	5.1	4.7	7.7	307.1	327.2	7.1	70.3	5.7	21.
10.0	33.7	2786.5	725.0	7.8	3.1	205.6	7.8	3.8	6.6	308.0	326.9	6.6	72.3	6.3	21.
11.1	36.3	3073.6	700.0	6.4	2.6	211.4	6.1	3.2	5.2	309.6	328.8	6.6	75.3	6.7	22.
12.3	37.1	3371.9	675.0	4.9	1.3	218.5	5.4	3.4	4.3	311.1	329.3	6.3	77.5	7.0	22.
12.8	42.0	3679.6	650.0	3.4	0.9	217.9	7.6	4.7	6.0	312.5	331.2	6.3	83.3	7.3	23.
13.5	44.9	3988.2	625.0	2.5	0.1	219.0	8.3	5.2	6.4	315.3	333.4	6.2	84.3	7.6	24.
14.2	47.6	4327.9	600.0	0.6	-1.7	225.5	7.0	5.4	5.3	316.8	333.7	5.7	84.9	8.0	25.
15.1	50.9	4670.7	575.0	1.1	-1.1	224.9	8.2	5.8	5.8	321.3	339.9	6.2	85.2	8.3	26.
15.8	54.0	5027.5	550.0	-2.4	-7.3	225.2	7.6	5.4	5.4	321.3	333.8	4.0	69.0	8.7	26.
16.8	57.1	5356.2	525.0	-4.0	-9.2	222.4	8.3	6.6	6.1	323.4	338.0	3.6	67.3	9.0	27.
17.4	60.4	5700.0	500.0	-6.8	-12.0	90.9	99.9	99.5	99.9	324.8	336.4	3.1	65.2	999.9	999.9
18.2	63.7	6179.2	475.0	-8.8	-14.0	99.9	99.9	99.9	99.9	327.1	336.0	2.7	65.7	999.9	999.9
18.8	67.1	6536.8	450.0	-11.0	-16.2	999.9	99.9	99.9	99.9	329.4	337.3	2.4	65.4	999.9	999.9
99.9	99.9	69.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	96.9	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	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
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	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	99.9	999.9	999.9
99.9	99.9	99.9	300.0	95.9	90.8	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	275.0	95.9	90.8	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	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
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	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	99.9	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	99.9	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	99.9	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	99.9	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	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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STATION NO. 532
PEORIA, ILLINOIS
7 JUNE 1970
1705 GMT

157 25. 0

TIME MIN	CNTCY	WEIGHT GPA	PRES MB	TEMP DC C	DEW PT DC C	OIB DC	SPED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DC F	E POT T DC K	MS RTO M/SEC	RM PCT	RANGE KM	AZ DG
0.0	8.4	200.0	683.8	23.3	21.8	149.0	5.1	-1.3	4.9	297.5	340.2	14.2	87.8	0.0	0.
0.2	9.1	99.9	1000.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	11.5	438.8	575.0	27.9	21.6	181.0	6.4	0.1	6.4	298.2	340.8	16.3	82.8	0.2	341.
1.4	11.5	730.3	975.0	21.7	20.6	183.1	7.0	6.4	7.0	299.2	342.2	16.4	82.8	0.3	341.
1.9	16.3	946.6	900.0	19.3	19.7	191.7	6.3	1.3	8.2	299.0	338.2	14.9	86.7	0.6	357.
2.5	19.6	1208.2	875.0	16.2	17.7	191.7	6.9	2.4	8.6	300.2	338.2	14.3	96.5	0.6	2.
3.1	21.3	1465.8	850.0	15.4	15.0	201.6	10.0	3.7	9.3	300.5	336.1	13.2	96.5	1.2	7.
3.5	23.8	1709.6	825.0	15.4	14.1	207.5	11.1	5.1	9.4	302.2	336.7	12.8	87.2	1.5	11.
4.2	26.4	1959.7	800.0	12.4	12.0	218.8	12.3	7.0	10.1	303.5	337.4	12.4	97.5	1.8	14.
5.1	29.1	2235.4	775.0	9.2	7.2	225.1	12.6	6.9	9.9	304.4	337.7	11.1	87.4	2.3	20.
6.3	31.7	2508.3	750.0	9.5	7.4	231.6	11.5	9.0	7.5	303.7	328.8	8.3	87.5	2.9	23.
7.2	34.3	2789.9	725.0	8.0	6.4	238.2	12.4	10.3	7.1	306.6	331.2	8.7	87.1	3.5	28.
8.3	37.1	3079.0	700.0	6.7	3.6	231.9	13.4	10.9	6.9	308.1	331.6	6.4	84.3	4.2	33.
9.3	39.9	3377.7	675.0	4.4	1.3	232.9	14.5	11.6	7.9	309.6	330.3	7.1	80.4	5.6	37.
10.3	42.8	3664.6	650.0	2.2	0.4	238.3	14.2	11.5	8.7	310.2	328.6	6.2	80.2	5.7	39.
11.5	45.7	4001.3	625.0	0.7	-0.2	238.0	13.3	11.3	8.3	311.2	329.1	6.1	27.8	6.6	41.
12.6	48.6	4329.1	600.0	-0.7	-1.6	240.6	13.6	11.9	6.7	313.2	331.0	6.1	93.2	7.5	43.
13.7	51.6	4668.9	575.0	-2.5	-3.4	240.8	13.0	12.1	6.8	317.1	332.2	5.7	83.6	8.4	44.
15.0	54.6	5011.1	550.0	-4.9	-5.6	235.0	13.7	11.3	6.8	318.2	329.6	5.2	93.3	9.3	46.
16.2	57.9	5384.8	525.0	-7.3	-20.2	231.0	13.4	10.4	7.9	318.2	329.6	3.7	75.4	10.3	47.
17.5	61.1	5783.1	500.0	-9.8	-21.1	231.2	13.1	10.5	8.4	319.2	328.6	1.5	38.7	11.4	48.
18.6	64.6	6137.4	475.0	-12.6	-39.0	232.8	13.0	10.3	7.9	321.1	325.8	1.4	38.9	12.3	48.
19.8	68.0	6508.8	450.0	-14.2	-47.3	224.6	11.8	8.3	7.8	322.4	323.4	0.3	8.8	13.2	48.
21.3	71.6	7000.5	425.0	-16.8	-49.5	222.7	10.8	7.3	8.4	325.4	325.8	0.1	6.1	14.1	49.
22.9	75.3	7432.9	400.0	-20.0	-32.9	230.7	10.1	7.8	7.9	327.4	326.0	0.1	6.1	15.1	49.
24.4	79.1	7927.8	375.0	-24.8	-38.0	238.9	12.0	9.3	6.4	329.2	331.1	0.6	30.6	16.1	48.
25.9	83.0	8428.0	350.0	-27.3	-67.4	223.5	13.7	9.6	7.5	329.2	331.3	0.4	28.2	17.0	48.
27.6	87.2	8958.5	325.0	-30.8	-69.6	223.5	12.3	8.4	9.9	331.5	332.0	0.8	1.8	18.2	48.
29.4	91.5	9521.8	300.0	-35.2	-72.6	228.2	11.9	6.8	7.9	334.2	335.9	0.0	1.0	19.5	48.
31.6	96.0	10123.0	275.0	-41.9	-74.9	238.0	11.5	9.8	8.9	339.2	339.2	0.0	1.0	20.8	48.
34.2	104.8	11482.5	225.0	-45.3	59.9	248.8	12.3	11.4	4.4	343.8	343.8	0.0	1.0	23.4	48.
38.6	111.2	12260.9	200.0	-50.2	59.9	262.7	14.3	14.2	1.8	349.1	349.1	0.0	1.0	23.9	49.
41.3	117.0	13126.0	175.0	-53.8	59.9	262.4	17.4	17.4	1.4	353.3	353.3	0.0	1.0	25.3	51.
44.2	123.3	14111.6	150.0	-58.6	59.9	251.5	18.6	18.6	1.4	361.2	361.2	0.0	1.0	27.3	53.
47.8	130.3	15260.9	125.0	-54.6	59.9	251.5	14.9	14.1	2.5	372.2	372.2	0.0	1.0	30.0	54.
51.9	137.7	16405.3	100.0	-62.2	49.9	250.3	13.5	12.8	4.7	348.8	348.8	0.0	1.0	32.9	58.
54.6	146.0	16821.3	75.0	-61.9	59.9	211.9	8.1	12.8	4.6	407.7	399.9	0.0	1.0	39.7	60.
63.2	155.0	23874.3	50.0	-54.6	69.9	128.3	4.2	-2.9	4.3	443.1	443.1	0.0	1.0	42.8	61.
73.4	164.0	25326.3	25.0	-63.6	99.9	99.9	99.9	99.9	3.8	653.7	653.7	0.0	1.0	42.8	59.
									99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO- 532
 PEORIA, ILLINOIS
 7 JUNE 1979
 2005 CRT

163 10. 0

TIME MIN	CNTCT	HEIGHT GPM	WALS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG E	E POT V CG K	MR ATO CM/KG	RM PCT	RANGE AZ KM	DZ DG
0-0	0-7	200-0	982-0	27-2	20-5	230-0	4-1	3-1	2-6	301-0	343-0	15-7	47-0	0-0	0-
00-9	00-9	999-9	1000-0	00-0	00-0	00-0	00-0	00-0	00-0	00-0	00-0	00-0	00-0	00-0	00-0
0-2	8-9	263-4	973-0	26-5	18-9	233-0	8-1	6-6	4-8	301-2	340-0	14-3	63-4	0-2	47-
1-1	11-2	492-1	950-0	23-0	17-9	235-7	6-2	4-7	4-7	301-2	338-0	13-7	49-0	0-0	54-
2-1	13-6	725-1	925-0	21-0	17-7	235-9	9-0	7-3	5-5	301-6	338-0	13-9	77-4	1-1	54-
3-1	16-0	962-0	500-0	19-0	16-3	235-9	10-1	8-2	5-9	301-5	337-1	13-1	60-3	1-0	54-
4-0	19-5	1205-5	075-0	18-0	13-6	235-1	10-8	8-9	6-8	302-1	333-1	11-3	75-3	2-2	54-
4-9	23-9	1433-9	050-0	17-3	10-1	235-2	10-8	9-2	5-5	304-2	329-7	9-2	62-8	2-0	55-
5-8	23-6	1708-6	025-0	15-4	8-4	242-1	10-7	9-4	5-0	304-5	328-4	8-5	63-1	3-4	56-
6-8	26-0	1966-8	800-0	13-9	6-3	241-8	11-6	10-2	5-5	305-5	320-0	6-7	65-2	4-0	57-
7-8	28-6	2236-2	775-0	12-2	6-2	245-7	11-4	10-4	4-7	307-6	328-6	7-7	66-4	4-7	58-
8-0	31-1	2510-0	750-0	10-6	5-3	250-7	9-7	9-9	1-9	309-1	329-2	7-5	69-0	5-3	59-
9-0	33-8	2753-0	725-0	8-7	3-8	255-3	9-1	9-1	0-7	309-1	329-0	7-0	71-1	5-9	62-
11-0	38-5	3083-0	700-0	6-1	1-7	263-7	9-6	9-6	0-7	311-1	325-4	6-2	63-9	6-4	64-
12-2	39-2	3303-2	675-0	6-2	0-7	273-0	9-6	9-6	-0-5	312-6	320-1	6-0	67-7	7-1	67-
13-4	42-0	3591-8	650-0	4-4	-0-9	277-9	10-6	10-9	-1-5	314-6	320-3	5-5	68-3	7-7	69-
14-8	46-9	4010-6	625-0	3-0	-3-7	278-4	13-9	13-6	-2-0	315-5	329-9	4-7	61-6	0-6	72-
16-1	47-8	4340-3	600-0	6-7	-7-3	276-0	15-0	14-9	-1-0	316-5	328-2	3-7	54-0	9-6	75-
17-4	50-8	4680-7	575-0	-1-7	-8-7	277-6	13-6	13-5	-1-0	318-6	328-6	1-4	58-7	10-7	78-
18-7	53-5	5033-6	550-0	-3-7	-4-3	278-8	12-9	12-8	-1-9	319-6	331-2	2-7	70-1	11-7	79-
20-1	56-9	5399-9	525-0	-5-8	-14-5	275-4	12-0	12-0	-1-1	321-6	329-1	2-4	50-1	12-7	81-
21-6	63-1	5781-1	500-0	-7-9	-16-0	273-0	13-6	13-6	-0-8	323-4	320-1	2-1	48-9	13-7	82-
23-2	63-4	6178-0	475-0	-11-6	-20-5	268-7	12-9	12-9	0-3	324-5	320-1	1-6	43-6	14-9	83-
24-7	66-8	6592-1	450-0	-13-3	-21-8	273-9	12-8	12-8	-0-9	324-8	321-5	1-5	48-3	16-1	83-
26-4	70-3	7244-4	425-0	-11-0	-20-4	260-4	11-0	11-7	-2-2	327-1	323-4	1-8	73-6	17-3	84-
27-9	73-9	7877-7	400-0	-15-4	-23-1	259-7	13-0	13-1	-4-4	329-1	326-1	1-2	60-4	18-6	85-
29-7	77-6	7956-9	375-0	-22-5	-27-0	260-6	16-3	15-6	-4-7	331-9	325-7	1-1	66-3	19-8	87-
31-8	81-6	8059-1	350-0	-25-1	-45-8	270-0	21-0	20-7	-3-3	334-8	325-6	6-2	12-4	22-0	89-
33-7	85-3	8927-7	325-0	-25-4	-51-5	273-3	22-5	22-4	-2-1	336-2	326-6	0-1	9-6	24-6	89-
35-0	89-6	9559-0	300-0	-22-8	-54-9	264-7	22-7	21-9	-8-7	337-7	327-9	0-1	7-4	27-3	91-
37-9	94-0	10163-1	275-0	-37-8	-59-4	266-4	23-2	23-3	-8-0	340-4	328-6	0-0	6-3	30-2	92-
40-3	98-6	10811-9	250-0	-63-1	-90-9	255-6	22-0	21-2	-9-9	342-8	329-9	0-0	0-0	33-3	93-
43-0	103-8	11320-0	225-0	-63-1	90-9	276-3	29-9	29-7	-2-9	348-5	329-4	55-9	00-9	37-1	94-
45-5	108-0	11981-9	200-0	-50-6	90-9	272-9	23-7	23-6	-1-2	353-7	329-9	59-9	00-9	40-8	94-
48-7	114-8	1183-1	175-0	-54-6	50-9	278-1	19-9	19-7	-2-0	359-4	329-9	59-9	00-9	45-1	94-
51-7	121-0	14133-9	150-0	-60-9	50-9	267-2	16-3	16-4	0-8	365-1	329-9	59-9	00-9	48-1	94-
53-8	125-3	15768-5	125-0	-60-3	50-9	257-6	15-0	15-2	3-4	365-5	329-9	59-9	00-9	51-8	94-
60-1	138-3	16388-6	100-0	-63-9	50-9	258-5	13-6	13-6	2-0	404-4	329-9	59-9	00-9	56-0	92-
65-7	145-7	18077-2	75-0	-62-7	50-9	215-4	5-7	3-3	4-6	441-4	329-9	59-9	00-9	57-9	91-
73-7	156-3	20944-1	50-0	-56-2	50-9	154-2	6-1	-2-7	5-5	511-1	329-9	59-9	00-9	57-6	90-
85-4	167-0	25482-2	25-0	-46-3	50-9	63-2	6-1	-9-4	-2-7	651-4	329-9	59-9	00-9	53-0	88-

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

STATION NO. 332
PEORIA, ILLINOIS
7 JUNE 1979
2303 GMT

TIME MIN	CNTCT	WEIGHT GPH	PREC MB	TEMP DEG C	DEB PT DEG C	DIR DG	SPED M/SEC	U CCHP M/SEC	V CCHP M/SEC	POT 1 DG M	E POT 7 DG K	MJ BTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.3	200.0	002.2	27.2	20.0	210.0	2.6	1.3	2.7	301.9	342.5	15.2	45.0	0.0	0.
00.9	00.9	1000.0	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	59.9	999.9	59.9	999.9	999.9	999.9
0.2	0.0	245.2	575.0	26.2	19.5	231.9	1.2	5.7	4.5	301.2	341.1	14.9	66.9	0.2	52.
1.0	12.3	494.3	950.0	24.5	19.2	230.8	0.2	6.7	4.7	302.2	342.6	15.0	72.5	0.6	57.
1.8	14.6	728.0	925.0	22.4	18.2	230.2	0.6	7.1	4.8	302.2	340.7	14.4	77.1	0.9	56.
2.7	17.9	466.3	905.0	20.7	17.7	230.4	7.7	6.4	4.3	302.2	341.3	14.4	83.1	1.3	56.
3.5	19.4	1209.0	875.0	18.6	16.1	242.7	6.9	6.1	3.2	303.1	338.9	13.3	85.4	1.6	57.
4.4	21.9	1058.0	850.0	17.5	13.0	261.2	6.5	6.4	1.0	304.2	335.0	11.2	74.8	2.0	58.
5.2	24.4	1714.1	825.0	16.2	10.9	279.3	6.4	6.3	-0.0	305.2	332.5	10.0	70.8	2.2	63.
6.0	26.9	1875.0	800.0	15.2	8.6	277.5	6.2	6.2	-0.8	307.4	332.1	9.8	64.5	2.5	68.
6.9	29.5	2244.5	775.0	14.0	6.5	280.8	7.8	7.7	-1.5	308.5	331.2	7.9	60.5	2.8	72.
7.8	32.1	2521.0	750.0	12.4	4.4	280.1	10.2	10.0	-1.8	310.2	330.2	7.0	58.2	3.3	76.
8.9	34.8	2804.9	725.0	10.6	2.1	277.3	11.1	11.0	-1.4	311.2	329.0	6.2	55.4	3.9	80.
10.0	37.4	3096.7	700.0	8.7	0.3	275.2	12.3	12.2	-1.1	312.1	328.5	5.4	53.3	4.6	82.
11.0	40.2	3350.7	675.0	6.6	-0.7	275.2	13.5	12.4	-1.2	313.1	329.0	5.4	51.4	5.4	84.
12.0	43.0	3705.4	650.0	4.8	-2.6	278.9	12.8	12.7	-2.0	314.4	328.9	4.9	50.6	6.2	86.
13.1	45.9	4024.6	625.0	2.7	-4.5	282.3	12.1	11.6	-2.4	315.2	328.7	4.4	50.0	6.9	88.
14.2	48.9	4354.1	600.0	0.9	-6.8	285.6	12.0	11.3	-3.0	317.1	328.0	3.8	50.2	7.7	91.
15.3	51.9	4694.9	575.0	-1.4	-9.2	290.3	11.3	10.4	-3.9	318.2	328.6	3.3	45.4	8.5	92.
16.5	54.9	5040.1	550.0	-3.0	-13.1	293.3	11.0	10.7	-4.7	320.2	328.8	2.9	45.4	9.1	93.
17.8	57.9	5415.5	525.0	-4.3	-13.2	280.2	11.5	11.3	-5.0	323.2	321.7	2.6	42.6	10.1	94.
19.0	61.3	5798.6	500.0	-6.3	-16.0	279.2	12.1	12.9	-5.2	325.2	327.5	2.6	42.6	10.9	94.
20.4	64.8	6198.1	475.0	-8.7	-19.2	278.7	13.7	13.4	-5.6	327.2	329.0	2.6	42.6	11.7	95.
21.8	68.0	6615.9	450.0	-12.0	-23.9	278.2	15.7	15.5	-6.2	328.3	329.0	2.6	42.6	12.5	95.
23.2	71.6	7048.9	425.0	-14.8	-28.4	275.7	15.5	15.5	-6.5	329.5	331.2	2.6	42.6	13.4	95.
24.6	75.1	7505.3	400.0	-17.4	-33.4	273.1	16.1	16.1	-6.8	331.2	333.3	2.6	42.6	14.2	96.
26.1	78.9	7984.7	375.0	-20.0	-38.1	271.7	16.7	16.7	-7.1	333.3	335.7	2.6	42.6	15.1	95.
27.8	82.8	8493.6	350.0	-22.3	-42.9	267.4	16.6	16.6	-7.4	335.7	338.4	2.6	42.6	16.0	95.
29.7	86.8	9028.6	325.0	-25.1	-47.9	263.3	17.0	17.0	-7.7	338.4	341.6	2.6	42.6	17.0	95.
31.6	91.0	9594.5	300.0	-28.1	-52.9	257.5	17.7	17.0	-8.0	341.6	345.4	2.6	42.6	18.0	95.
33.9	95.5	10197.7	275.0	-30.1	-57.1	267.3	18.3	18.3	-8.3	345.4	349.9	2.6	42.6	19.0	95.
36.3	100.2	10844.6	250.0	-33.0	-61.6	260.9	23.0	22.6	-8.6	349.9	354.9	2.6	42.6	20.0	92.
38.8	105.2	11547.1	225.0	-35.9	-66.1	261.0	24.7	24.2	-8.9	354.9	359.9	2.6	42.6	21.0	93.
41.4	110.5	12324.1	200.0	-38.5	-70.8	273.1	23.1	23.1	-9.2	359.9	365.4	2.6	42.6	22.0	93.
44.3	116.3	13183.6	175.0	-41.5	-75.9	282.2	18.3	18.2	-9.5	365.4	371.6	2.6	42.6	23.0	93.
47.7	122.5	14148.1	150.0	-45.0	-81.4	290.3	15.7	15.7	-9.8	371.6	378.4	2.6	42.6	24.0	92.
51.4	129.3	15273.2	125.0	-48.4	-87.4	298.3	13.0	13.0	-10.1	378.4	385.7	2.6	42.6	25.0	92.
55.0	137.7	16511.5	100.0	-51.8	-93.9	295.0	11.0	11.0	-10.4	385.7	393.6	2.6	42.6	26.0	90.
61.2	145.0	17928.7	75.0	-55.4	-100.8	291.3	9.2	9.2	-10.7	393.6	402.1	2.6	42.6	27.0	89.
68.9	153.0	20711.0	50.0	-59.5	-108.8	283.8	6.6	6.6	-11.0	402.1	411.4	2.6	42.6	28.0	89.
81.0	163.3	25099.0	25.0	-67.1	-118.1	275.9	7.7	7.7	-11.3	411.4	421.6	2.6	42.6	29.0	87.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 532
PEORIA, ILLINOIS
6 JUNE 1979
205 GMT

TIME MIN	CHFCY	WEIGHT GPH	PHES MB	TEMP DG C	DBS PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT Y DG K	HJ RIO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	7.9	200.0	904.6	23.3	20.1	190.0	3.1	0.5	3.1	297.8	337.6	15.2	82.8	0.0	0.
0.3	99.9	99.9	1000.0	95.9	59.9	99.9	99.9	95.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	8.7	288.7	575.8	25.8	20.9	999.9	99.9	99.9	99.9	381.1	348.1	16.2	74.5	999.9	999.9
1.2	11.1	515.8	950.0	28.7	19.9	999.9	99.9	99.9	99.9	302.5	348.1	15.6	74.7	999.9	999.9
2.1	13.3	789.9	925.0	27.8	18.3	999.9	99.9	99.9	99.9	302.2	341.4	14.5	75.6	999.9	999.9
3.2	15.6	987.3	900.0	22.3	19.2	999.9	99.9	99.9	99.9	308.2	347.0	15.0	82.8	999.9	999.9
4.2	18.0	1238.1	875.0	15.2	17.4	999.9	99.9	99.9	99.9	303.2	342.7	14.5	85.7	999.9	999.9
5.4	23.5	1498.0	850.0	17.8	16.1	999.9	99.9	99.9	99.9	304.8	342.0	13.7	90.1	2.7	67.
6.4	22.0	1739.4	825.0	18.8	13.8	277.2	8.1	8.1	-1.0	385.2	338.6	12.1	86.7	3.2	59.
7.6	25.6	2001.5	800.0	18.8	11.2	277.8	7.8	7.7	-1.1	307.6	336.2	10.6	79.0	3.7	73.
8.6	27.9	2270.0	775.0	17.2	9.0	296.7	8.1	7.8	-2.3	308.6	338.2	9.3	75.9	4.1	76.
9.7	30.5	2585.5	750.0	11.1	7.1	287.2	7.6	7.3	-2.3	308.2	332.6	8.5	76.5	4.6	60.
10.8	33.0	2928.0	725.0	9.2	5.7	269.3	6.6	6.2	-2.2	309.8	332.1	7.9	78.3	5.0	82.
11.9	35.7	3118.7	700.0	7.5	2.7	243.2	5.4	5.2	-1.2	310.8	330.8	6.7	71.9	5.3	84.
13.2	38.4	3412.2	675.0	6.3	1.3	271.8	7.3	7.3	-0.2	312.7	330.9	6.3	70.5	5.6	85.
14.5	41.1	3727.0	650.0	4.6	-1.5	267.7	9.3	9.2	0.4	314.2	329.8	5.3	68.1	6.4	85.
15.8	44.0	4046.7	625.0	4.3	-10.3	273.7	10.7	10.7	-0.7	317.4	326.1	2.8	33.8	7.2	66.
17.0	46.5	4378.2	600.0	2.9	-13.2	277.3	11.6	11.5	-1.5	319.2	326.8	2.3	29.5	8.0	87.
18.4	49.9	4721.1	575.0	0.0	-12.6	278.6	12.0	11.8	-1.8	320.6	328.0	2.5	30.0	8.9	88.
19.8	52.8	5075.8	550.0	-2.8	-10.3	279.9	13.1	13.0	-2.3	320.6	330.7	3.2	36.0	10.0	89.
21.2	55.8	5443.4	525.0	-5.2	-11.9	281.8	12.7	12.6	-2.6	322.1	331.5	2.9	38.2	11.1	90.
22.8	58.9	5828.9	500.0	-7.9	-14.0	286.0	13.5	13.0	-3.7	323.4	331.8	2.6	61.5	12.3	92.
24.5	62.1	6221.9	475.0	-10.7	-23.6	293.5	14.0	14.5	-3.5	328.8	329.3	1.4	38.3	13.7	93.
26.3	65.6	6637.1	450.0	-12.0	-21.1	271.3	14.2	14.5	-0.3	328.2	328.8	0.1	2.3	15.3	94.
28.0	69.0	7072.0	425.0	-15.0	-19.6	259.1	15.2	14.9	2.9	329.7	330.0	0.1	3.3	16.7	93.
29.8	72.8	7527.9	400.0	-18.0	-14.4	258.5	17.7	17.2	4.1	331.6	331.7	0.0	1.6	18.5	91.
31.7	76.2	8006.8	375.0	-21.9	-13.9	228.2	18.9	18.9	1.9	332.7	332.8	0.0	1.0	20.5	90.
33.8	80.0	8510.6	350.0	-25.6	-16.3	266.8	20.3	20.3	1.1	334.2	334.4	0.0	1.0	23.0	90.
36.2	84.6	9044.4	325.0	-25.3	-19.7	260.3	19.6	19.3	3.4	336.4	336.4	0.0	1.8	25.8	89.
38.5	88.2	9611.3	300.0	-27.0	-21.7	260.3	18.9	18.6	3.2	337.7	337.7	0.0	1.0	28.4	88.
41.0	91.4	10215.4	275.0	-30.5	-24.8	263.8	17.2	17.1	1.8	339.4	339.5	0.0	1.0	31.2	87.
43.7	97.2	10845.8	250.0	-41.8	-29.8	280.4	14.3	14.0	-2.4	343.5	339.8	9.9	95.0	33.5	86.
46.6	102.2	11573.5	225.0	-47.1	-39.9	266.7	21.7	21.6	1.3	349.2	340.9	99.9	999.9	36.5	86.
49.4	107.6	12388.2	200.0	-51.6	-39.9	261.1	21.7	21.4	3.4	351.6	349.9	99.9	999.9	40.4	86.
52.6	113.4	13200.9	175.0	-58.2	-39.9	258.7	17.7	17.2	6.1	353.5	349.9	95.9	959.9	44.0	87.
56.4	123.8	14100.8	150.0	-62.3	-39.9	249.6	16.6	16.3	6.8	362.2	349.9	99.9	999.9	48.0	86.
60.3	127.0	15200.2	125.0	-63.4	-39.9	255.4	16.8	16.5	3.4	370.4	349.9	55.9	999.9	52.6	85.
65.3	135.3	16688.7	100.0	-68.8	-39.9	263.8	11.7	11.6	1.2	404.1	349.9	99.9	999.9	57.8	85.
70.9	145.0	19404.2	75.0	-65.2	-39.9	217.8	3.8	2.3	3.0	436.1	349.9	99.9	999.9	59.2	84.
80.2	156.0	20923.9	50.0	-57.8	-39.9	116.9	5.7	-5.1	2.8	507.2	349.9	99.9	999.9	58.0	82.
95.3	147.0	25403.5	25.0	-48.8	-39.9	105.3	12.9	-12.4	3.4	644.4	349.9	99.9	999.9	56.2	82.

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

STATION NO. 532
PEORIA, ILLINOIS

8 JUNE 1979
0600 GMT

162 S. 0

TIME MIN	CATCY	HEIGHT GEM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR WTD G/KG	RM PCT	RANGE KM	AZ DG
0.0	7.0	200.0	986.8	21.7	18.9	210.0	3.1	1.5	2.7	296.8	332.7	14.1	84.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	8.0	303.9	975.0	25.1	20.5	247.8	11.4	10.5	4.3	300.1	342.3	15.8	75.6	0.2	45.
1.3	11.2	535.1	950.0	25.3	19.2	257.3	11.2	10.8	2.5	302.6	342.8	14.9	69.0	0.6	58.
2.2	13.5	765.8	925.0	23.6	17.9	278.4	9.0	8.9	-1.3	303.1	341.5	14.1	70.3	1.2	77.
3.1	15.9	1009.1	900.0	21.8	17.3	252.0	6.2	7.0	2.6	303.4	341.6	14.0	75.7	1.7	76.
4.0	18.4	1253.9	875.0	19.7	17.4	231.0	7.2	7.1	1.1	304.2	343.3	14.3	86.8	2.1	75.
5.0	20.9	1503.7	850.0	17.7	15.5	277.5	6.6	6.6	-0.9	304.7	340.4	13.2	87.1	2.5	78.
6.0	23.4	1759.4	825.0	16.0	13.9	280.0	5.2	5.2	-0.9	305.8	338.9	12.2	87.2	2.4	81.
7.0	25.0	2029.9	800.0	13.5	11.4	215.2	6.9	4.0	9.7	305.6	335.4	10.9	88.3	3.2	83.
8.1	28.6	2288.5	775.0	11.7	9.9	229.6	4.6	3.5	2.9	304.4	333.9	9.9	88.6	3.3	75.
9.0	31.1	2563.0	750.0	10.3	8.1	225.8	4.2	3.0	2.9	307.7	333.2	9.1	86.2	3.5	73.
10.1	33.8	2843.3	725.0	9.1	4.5	230.6	4.1	3.2	2.6	309.1	330.5	7.4	73.0	3.7	71.
11.2	36.6	3135.8	700.0	7.3	3.3	258.4	4.3	4.2	8.9	310.5	320.5	7.0	75.7	4.0	71.
12.3	39.2	3438.8	675.0	5.8	-0.9	293.0	4.7	4.3	-1.8	312.4	327.0	5.3	61.7	4.3	72.
13.5	42.1	3743.0	650.0	3.8	-0.4	290.9	5.9	5.5	-2.1	313.2	330.1	5.7	73.7	4.5	76.
14.8	45.0	4060.9	625.0	2.6	-3.4	273.0	8.7	8.6	-8.4	315.4	329.3	6.6	62.6	5.0	78.
16.2	47.9	4391.2	600.0	1.5	-7.3	274.2	12.6	12.6	-8.9	317.9	329.2	3.7	51.6	5.9	80.
17.4	50.9	4733.3	575.0	-0.5	-9.4	275.5	13.4	13.3	-1.4	319.4	329.5	3.3	50.8	6.9	83.
18.7	54.0	5087.3	550.0	-3.3	-12.2	276.0	18.0	14.8	-2.4	320.2	328.7	2.7	50.1	7.9	84.
20.0	57.1	5453.5	525.0	-5.3	-15.7	283.7	15.4	15.0	-3.7	322.6	329.0	2.2	44.4	9.1	87.
21.5	60.3	5836.8	500.0	-6.9	-17.7	281.6	16.4	16.1	-3.3	324.7	325.8	0.3	7.0	10.6	89.
23.2	63.6	6236.9	475.0	-9.4	-20.1	281.6	16.3	16.6	-3.1	326.3	326.6	0.1	2.1	12.1	91.
24.8	67.0	6649.9	450.0	-12.4	-27.8	279.0	16.9	16.7	-2.6	327.6	327.7	0.0	1.0	13.6	92.
26.4	70.4	7083.6	425.0	-15.5	-39.7	276.9	17.0	17.8	-0.3	329.1	329.2	0.0	1.0	15.3	92.
28.3	74.0	7538.9	400.0	-18.1	-51.4	274.1	17.2	17.2	-0.3	331.1	331.4	0.0	1.0	17.2	92.
30.1	77.7	8017.8	375.0	-21.8	-63.8	274.6	18.3	18.2	-1.5	332.7	332.8	0.0	1.0	19.0	92.
31.9	81.6	8522.3	350.0	-25.2	-66.0	270.7	17.5	17.5	-0.1	334.8	334.8	0.0	1.0	21.1	92.
33.9	85.6	9050.3	325.0	-28.6	-68.5	263.2	15.9	15.8	1.9	336.8	333.9	0.0	1.0	23.0	92.
36.3	89.8	9624.1	300.0	-32.7	-76.1	265.1	16.4	16.3	1.4	339.2	339.5	0.1	8.3	25.2	91.
38.7	94.2	10232.5	275.0	-36.3	-73.4	269.7	21.3	21.3	0.1	342.4	342.4	0.0	1.0	27.9	91.
40.9	98.8	10880.1	250.0	-40.6	-79.9	275.8	26.9	26.8	-2.9	345.6	345.6	0.0	999.9	31.1	91.
43.1	103.6	11598.4	225.0	-46.0	-99.0	284.6	37.6	36.6	-9.5	348.0	348.0	0.0	999.9	35.6	92.
45.0	109.0	12389.8	200.0	-52.1	-99.9	287.0	40.8	39.0	-11.9	350.3	350.3	0.0	999.9	42.4	94.
48.1	114.5	13222.8	175.0	-58.3	-99.9	298.3	35.5	33.3	-12.3	352.6	352.6	0.0	999.9	49.7	97.
52.7	120.8	14177.3	150.0	-64.2	-99.9	265.8	24.9	24.0	-6.8	359.6	359.6	0.0	999.9	55.8	98.
56.4	127.3	15290.4	125.0	-66.0	-99.9	266.6	18.3	18.2	-1.1	375.8	375.8	0.0	999.9	59.9	98.
60.9	134.5	16640.4	100.0	-64.4	-99.9	235.7	11.2	5.3	6.3	403.3	403.3	0.0	999.9	64.8	97.
66.9	142.7	18403.2	75.0	-62.7	-97.9	213.6	4.2	2.3	3.5	481.4	481.4	0.0	999.9	65.1	96.
75.3	152.0	20926.8	50.0	-57.2	-99.9	162.3	5.8	-1.5	4.8	508.8	508.8	0.0	999.9	64.8	95.
88.1	161.5	25358.6	25.0	-51.5	-99.9	90.1	9.7	-9.7	0.0	636.6	636.6	0.0	555.9	58.9	95.

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

STATION NO. 632
 PEORIA, ILLINOIS
 8 JUNE 1979
 805 EDT

161 9. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DIR DG C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT W DB H	E POT Y DG K	MI RTO CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	6.0	200.0	987.3	20.9	18.8	3.1	0.8	3.1	294.2	330.8	14.0	53.8	0.0	0.
0.9	99.9	99.9	1000.0	95.9	50.9	7.8	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	9.2	309.5	975.8	23.7	20.4	7.8	4.0	4.9	299.6	340.2	15.7	81.6	0.2	35.
1.2	11.5	587.7	950.0	27.8	19.5	6.4	8.0	2.7	301.3	341.9	15.2	77.0	0.6	55.
2.0	13.8	771.2	925.0	22.8	17.7	254.5	6.2	5.9	302.4	339.9	14.0	74.0	0.9	61.
3.0	16.2	1009.7	900.0	20.8	17.6	258.2	4.5	4.4	302.5	341.1	14.2	81.9	1.2	66.
3.8	18.6	1233.4	875.0	18.7	16.7	250.8	3.6	3.6	303.1	340.4	13.8	88.1	1.4	68.
4.1	21.0	1502.5	850.0	17.0	14.9	231.2	3.3	2.6	284.6	338.4	12.7	87.3	1.4	67.
5.7	21.8	1797.7	825.0	15.5	13.4	213.6	3.8	2.1	305.6	337.2	11.0	80.2	1.8	65.
6.6	26.0	2016.7	800.0	14.0	11.8	203.7	4.9	2.0	306.1	336.2	11.0	86.5	2.0	61.
7.7	28.6	2286.5	775.0	11.9	9.8	207.4	5.5	2.5	306.4	334.0	9.9	86.8	2.2	55.
8.8	31.1	2561.2	750.0	11.0	9.7	216.0	6.7	5.4	306.4	330.4	7.7	89.5	2.7	52.
10.0	33.7	2833.9	725.0	9.3	3.2	219.1	6.2	3.9	309.7	326.8	6.7	85.4	3.1	50.
11.2	36.4	3133.9	700.0	8.1	-0.2	228.4	4.8	3.6	311.4	327.2	5.4	55.8	3.5	49.
12.5	39.1	3433.9	675.0	5.6	-0.7	250.2	5.5	5.1	311.5	327.7	5.4	63.8	3.8	50.
13.8	41.8	3732.4	650.0	-1.1	-5.6	274.1	5.1	5.1	314.2	326.3	3.9	45.7	4.3	54.
15.1	44.0	4032.2	625.0	3.5	-3.2	269.8	12.4	11.7	318.2	329.1	4.2	53.0	4.9	62.
16.3	47.4	4332.9	600.0	1.9	-3.0	299.0	13.4	11.7	318.4	328.4	3.2	44.0	5.6	70.
17.6	50.6	4733.7	575.0	-0.9	-11.4	306.1	12.3	9.9	318.5	327.7	2.8	44.7	6.2	77.
19.0	53.6	5087.7	550.0	-3.0	-14.4	308.5	10.1	7.9	319.4	326.6	2.3	41.9	6.8	83.
20.6	56.7	5453.5	525.0	-5.2	-26.5	302.6	9.3	7.8	321.4	323.5	0.7	15.2	7.5	88.
22.2	59.9	5933.0	500.0	-8.5	-40.6	292.2	5.7	8.5	323.1	325.9	0.2	4.7	8.3	91.
23.9	63.1	6233.4	475.0	-11.4	-42.9	292.7	11.2	10.3	326.4	327.0	0.2	4.9	9.2	94.
25.3	64.5	6638.4	450.0	-14.8	-44.7	284.7	5.6	9.3	327.0	327.6	0.2	4.9	10.2	95.
27.0	70.0	7081.1	425.0	-16.1	-30.4	268.5	9.4	9.4	328.2	329.3	0.3	11.3	11.0	96.
28.8	73.6	7535.5	400.0	-14.4	-61.6	261.3	12.8	1.9	331.1	331.2	0.8	1.0	12.2	94.
30.6	77.2	8013.7	375.0	-22.0	-54.4	250.8	12.3	4.3	332.2	332.8	0.1	3.5	13.7	92.
33.3	81.0	8518.2	350.0	-25.3	-56.7	248.5	13.4	4.9	334.7	334.8	0.0	3.5	15.3	90.
35.0	85.0	9023.5	325.0	-23.3	-59.5	250.0	11.2	4.1	337.1	337.8	0.0	3.2	16.7	88.
37.0	83.2	9431.0	300.0	-31.2	-43.0	272.3	13.6	13.8	338.4	339.7	0.3	36.7	18.1	87.
39.0	93.6	10228.5	275.0	-37.6	-38.9	276.2	20.6	-0.1	340.4	342.4	0.3	86.6	20.2	86.
41.3	99.2	10980.1	250.0	-41.2	59.9	270.5	25.2	-0.3	344.6	344.6	99.9	999.9	23.5	88.
43.7	103.0	11586.4	225.0	-47.0	99.9	272.1	38.7	-1.4	346.4	346.4	99.9	999.9	28.3	89.
46.4	108.3	12357.8	200.0	-51.4	59.9	281.9	46.0	-8.4	351.4	351.4	99.9	999.9	35.2	90.
49.6	114.0	13213.9	175.0	-57.6	99.9	291.2	30.7	28.1	354.8	354.8	99.9	999.9	41.7	93.
52.8	123.0	14112.7	150.0	-64.2	59.9	289.5	28.4	26.8	359.2	359.2	99.9	999.9	48.5	95.
56.6	126.8	15280.1	125.0	-68.6	59.9	280.8	22.2	-4.1	370.7	370.8	99.9	999.9	52.4	97.
63.9	134.3	16617.2	100.0	-66.8	99.9	257.8	8.0	3.7	388.4	388.4	99.9	999.9	55.4	96.
68.4	142.7	18368.5	75.0	-62.3	59.9	251.1	5.0	4.7	440.2	440.2	99.9	999.9	55.7	94.
73.8	152.0	20890.3	50.8	-57.0	99.9	113.3	5.8	-3.3	607.2	607.2	99.9	999.9	55.0	94.
87.8	162.0	25338.4	25.0	-47.8	59.9	85.9	8.9	-8.5	807.4	807.4	99.9	999.9	48.7	94.

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

STATION NO. 532
PEORIA, ILLINOIS

8 JUNE 1979
1100 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	7.4	200.0	999.0	19.4	18.4	210.0	1.3	0.7	1.3	293.1	328.7	13.6	94.0	0.0	9.
09.0	99.0	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
0.5	8.6	323.9	975.0	21.8	19.5	214.2	8.8	4.9	7.3	291.1	335.8	14.9	87.3	0.2	59.
1.2	10.0	551.3	950.0	23.3	20.4	224.4	6.9	4.9	5.8	300.9	343.0	16.2	83.8	0.5	45.
2.0	13.2	789.8	925.0	22.5	19.5	228.6	4.4	3.3	2.9	302.3	344.1	15.7	83.4	0.7	47.
3.6	15.6	1023.7	900.0	21.2	18.5	216.0	4.3	2.4	3.5	303.4	343.8	15.1	84.2	0.9	46.
4.5	19.0	1267.7	875.0	18.9	17.3	201.5	4.6	1.7	4.3	303.2	342.3	15.4	90.4	1.2	42.
5.4	20.4	1517.2	850.0	17.3	15.1	194.8	5.5	1.4	5.3	304.2	339.0	12.8	86.9	1.4	38.
6.3	22.9	1772.4	825.0	15.4	14.3	194.2	4.9	1.3	4.7	304.5	339.1	12.5	82.9	1.7	34.
7.2	25.4	2033.9	800.0	14.1	12.4	217.6	4.5	2.7	3.5	306.1	337.6	11.4	89.8	1.9	32.
8.1	28.0	2302.0	775.0	14.3	9.2	232.1	4.2	4.9	3.8	309.4	336.2	9.5	70.5	2.2	34.
9.0	30.6	2575.2	750.0	12.4	8.0	230.3	6.5	5.0	4.2	311.1	331.9	7.3	56.5	2.5	37.
10.0	33.2	2864.2	725.0	11.8	1.4	219.2	4.3	4.0	4.9	312.5	329.5	5.0	48.5	2.9	38.
10.9	35.9	3154.8	700.0	9.2	1.1	211.7	5.7	3.0	4.8	312.7	330.3	6.0	57.8	3.2	38.
11.9	37.7	3457.4	675.0	7.4	-1.6	211.1	5.9	3.1	5.1	313.6	328.9	5.1	52.8	3.5	37.
12.0	41.4	3767.8	650.0	6.2	-5.8	210.9	6.6	3.4	5.6	316.0	327.7	3.8	41.7	3.9	36.
13.1	44.2	4082.2	625.0	4.0	-6.6	219.0	6.8	4.3	5.3	317.0	328.0	3.8	46.2	4.4	36.
14.2	47.1	4419.2	600.0	1.9	-5.1	232.1	4.6	3.6	2.8	318.4	331.7	6.4	59.6	4.8	37.
15.4	50.1	4741.2	575.0	-0.6	-9.0	230.6	3.3	2.5	2.1	319.1	329.6	3.4	53.6	5.0	38.
16.6	53.1	5114.6	550.0	-3.9	-11.8	221.6	4.3	2.8	3.2	319.4	328.3	2.8	54.4	5.3	38.
17.9	56.3	5480.7	525.0	-5.6	-12.1	213.6	6.3	3.5	5.3	321.7	326.0	1.3	24.8	5.7	38.
19.2	59.5	5862.3	500.0	-6.8	-16.0	214.6	6.0	3.4	4.9	325.1	325.3	6.0	1.8	6.2	37.
20.5	62.7	6243.5	475.0	-8.8	-15.5	223.9	5.7	3.9	4.1	327.1	327.3	6.0	1.0	6.6	38.
21.8	66.0	6677.3	450.0	-12.5	-17.8	224.6	5.0	3.5	3.5	327.2	327.6	0.0	1.0	7.1	38.
23.1	69.5	7111.1	425.0	-16.3	-18.3	222.5	5.8	4.0	4.3	328.0	330.5	0.7	31.1	7.4	38.
24.4	73.0	7560.6	400.0	-17.1	-18.2	228.5	10.5	7.9	6.9	332.8	340.4	2.3	91.1	8.0	39.
25.9	76.7	8040.2	375.0	-20.4	-22.0	236.7	14.4	12.0	7.9	334.7	340.6	1.8	86.9	9.1	41.
27.3	80.5	8556.2	350.0	-27.8	-26.1	237.7	18.3	13.7	10.7	336.7	341.2	1.3	80.7	10.4	43.
28.9	84.5	9054.0	325.0	-27.4	-29.9	232.9	18.4	14.7	11.1	339.0	342.5	1.0	78.9	12.0	45.
30.7	88.7	9658.3	300.0	-31.9	-35.2	235.8	21.7	17.9	12.2	340.2	342.8	0.6	71.7	14.2	46.
32.5	93.0	10274.2	275.0	-36.7	-40.4	238.0	24.4	20.7	12.9	342.1	343.0	0.4	67.9	16.4	48.
34.6	97.6	10927.6	250.0	-41.8	-44.8	241.1	25.3	22.2	12.2	343.9	343.0	0.4	599.9	19.6	49.
36.9	102.6	11633.4	225.0	-47.7	-49.9	252.1	28.4	27.0	8.7	345.2	343.0	99.9	595.9	23.1	52.
39.2	107.8	12401.3	200.0	-52.9	-54.9	267.7	35.4	35.4	1.4	348.0	343.0	99.9	559.9	27.0	56.
42.0	113.5	13259.6	175.0	-53.0	-59.9	272.5	26.7	26.4	-1.4	352.4	343.0	99.9	999.9	32.1	63.
45.1	119.7	14260.4	150.0	-59.0	-64.8	262.5	14.0	13.9	1.8	368.4	343.0	95.9	959.9	34.8	65.
48.1	126.3	15360.5	125.0	-67.8	-69.9	265.3	13.7	13.6	1.1	374.2	343.0	99.9	959.9	37.3	67.
51.9	134.0	16653.3	100.0	-64.6	-64.8	239.0	8.0	6.9	4.1	399.2	343.0	99.9	959.9	39.6	67.
56.7	142.3	18443.3	75.0	-63.1	-63.1	175.3	5.4	-0.4	5.4	400.0	343.0	99.9	959.9	41.5	66.
63.0	151.7	20079.4	50.0	-57.3	-59.9	101.5	6.9	-6.8	1.4	508.0	343.0	99.9	959.9	39.9	45.
73.1	161.7	25487.7	25.0	-47.5	-59.9	999.9	99.9	99.9	99.9	448.4	343.0	99.9	999.9	36.2	61.

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

STATION NO. 883
OMAHA, NEBRASKA

7 JUNE 1979
1101 GMT

161 12. 0

TIME MIN	CATCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT I DEG K	E POT I DEG K	MR STG CM/KG	RM PCT	RANGE KM	AZ DEG
0-0	10-3	408.6	553.7	20.0	18.3	190.0	3.1	0.8	3.1	297.2	330.0	14.1	90.0	0.0	0.0
00-0	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	999.9	999.9
00-0	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
0-1	10-6	433.8	950.0	20.4	18.8	198.0	7.0	2.5	7.0	297.5	336.3	14.6	90.8	0.1	10.0
0-9	12-6	653.5	925.0	20.3	18.9	218.0	14.1	6.9	11.0	300.1	339.6	15.1	91.6	0.4	29.0
1-0	14-7	902.8	900.0	20.3	18.6	241.2	12.2	10.7	5.9	302.4	338.4	13.4	79.7	1.3	60.0
2-0	17-0	1147.5	875.0	21.4	17.0	246.3	5.5	6.7	3.8	306.1	339.9	12.3	66.6	1.9	50.0
3-0	19-2	1398.9	850.0	19.6	16.0	245.1	9.6	6.7	4.0	306.4	339.4	11.9	70.2	2.4	53.0
4-7	21-4	1675.7	825.0	17.8	13.1	250.4	6.3	7.0	2.8	306.4	338.5	11.6	78.0	2.9	55.0
5-8	23-7	1917.4	800.0	14.4	12.2	240.2	7.5	6.5	3.7	306.5	337.4	11.3	86.7	3.4	57.0
6-7	26-0	2185.0	775.0	12.2	10.6	230.2	8.8	6.6	5.6	306.5	335.9	10.5	90.3	3.8	57.0
7-7	29-3	2460.4	750.0	5.9	6.3	234.2	9.2	7.4	5.4	307.2	333.0	9.2	90.0	4.4	56.0
8-6	30-7	2741.9	725.0	6.0	4.5	232.5	9.7	7.7	5.9	308.2	328.9	7.3	78.0	5.0	56.0
9-9	33-2	3031.2	700.0	6.0	2.3	230.7	9.6	7.9	6.1	309.2	327.7	6.5	78.0	5.5	55.0
10-8	35-7	3329.0	675.0	4.3	1.5	232.4	9.9	7.9	6.1	310.2	326.9	6.4	81.8	6.1	55.0
11-9	38-3	3635.7	650.0	2.3	-0.9	229.0	10.2	7.4	6.8	311.6	327.8	5.5	79.1	6.8	55.0
13-0	43-9	3952.2	625.0	1.1	-3.6	215.4	9.5	5.5	7.7	313.7	327.7	4.7	71.0	7.5	56.0
14-2	47-7	4280.3	600.0	-0.3	-9.7	205.4	9.2	3.9	8.3	315.6	325.2	3.1	48.0	8.1	52.0
15-4	46-4	4619.9	575.0	-2.4	-11.9	201.1	5.2	3.3	8.6	317.4	325.5	2.7	48.2	8.6	49.0
16-7	49-3	4971.4	550.0	-4.6	-12.7	210.5	9.5	5.0	8.5	318.7	326.9	2.6	53.0	9.3	47.0
18-0	52-3	5338.5	525.0	-4.3	-23.2	215.7	9.5	5.9	7.7	320.6	324.7	1.1	25.3	10.1	47.0
19-7	54-4	5710.2	500.0	-6.0	-18.9	221.5	5.6	6.4	7.2	322.1	327.7	1.7	44.2	10.8	46.0
23-6	58-6	6111.1	475.0	-11.2	-45.2	7.6	10.0	6.4	5.3	324.1	325.2	0.3	9.4	11.5	46.0
22-1	61-9	6524.3	450.0	-13.8	-59.7	235.9	9.1	7.9	5.1	325.5	326.0	0.0	1.0	12.6	47.0
23-7	65-3	6956.6	425.0	-15.7	-26.7	234.0	6.0	6.5	4.7	328.9	330.3	0.4	14.4	13.2	48.0
25-4	69-9	7411.0	400.0	-19.1	-61.0	247.5	9.1	8.4	3.5	330.1	331.0	0.2	11.4	14.0	48.0
27-2	72-6	7887.2	375.0	-23.1	-57.1	260.2	11.9	11.7	2.0	331.1	331.3	0.1	3.9	15.0	50.0
29-1	76-5	8382.3	350.0	-24.8	-77.1	262.8	12.4	12.3	1.6	332.4	332.7	0.6	1.0	16.3	53.0
31-0	80-6	8919.4	325.0	-31.3	-70.1	258.8	10.5	10.2	2.4	333.6	333.8	0.0	1.0	17.4	55.0
32-8	84-8	9480.0	300.0	-36.6	-66.3	257.4	11.8	11.5	2.6	333.8	333.8	0.0	2.9	18.5	56.0
35-0	89-5	10077.9	275.0	-40.8	-59.9	269.0	14.2	14.2	0.2	336.2	339.9	0.0	999.9	20.0	54.0
37-2	94-4	10718.5	250.0	-46.5	-59.9	275.3	15.0	15.0	-1.4	337.0	339.9	0.0	999.9	21.6	61.0
39-3	99-6	11410.4	225.0	-50.7	-59.9	262.5	16.0	12.9	2.1	340.8	339.9	0.0	999.9	23.3	64.0
41-9	105-3	12180.4	200.0	-51.8	-59.9	256.5	17.2	14.7	4.0	351.3	339.9	0.0	999.9	26.1	65.0
44-8	111-5	13042.2	175.0	-53.5	-99.9	256.0	14.7	14.2	3.8	361.6	339.9	0.0	999.9	28.5	68.0
47-8	119-3	14018.1	150.0	-59.9	-59.9	269.2	17.9	17.9	0.3	361.6	339.9	0.0	999.9	31.5	68.0
51-4	129-7	15150.9	125.0	-61.4	-59.9	259.3	15.8	15.5	0.3	383.6	339.9	0.0	999.9	34.9	70.0
55-7	134-3	16535.7	100.0	-61.0	-59.9	247.5	13.4	12.4	5.1	409.4	339.9	0.0	999.9	38.3	70.0
60-7	143-5	18324.1	75.0	-61.5	-99.9	207.6	9.1	4.2	8.0	444.6	339.9	0.0	999.9	41.8	69.0
64-1	154-0	20825.2	50.0	-54.2	-59.9	123.8	5.7	-4.7	3.2	415.6	339.9	0.0	999.9	42.7	64.0
70-6	166-5	25017.7	25.0	-45.5	-99.9	999.9	99.9	99.9	99.9	450.7	339.9	0.0	999.9	39.8	63.0

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

STATION NO. 853
OMAHA, NEBRASKA
7 JUNE 1978
1408 GMT

150 15. 0

TIME MIN	CMCT	WEIGHT GPN	PRES MB	TEMP DG C	DRY PT DG C	DIR DG	SPFD M/SEC	U COMP M/SEC	V COMP M/SEC	PGT 9 DG K	E POT 7 DG K	MP RFD GM/KG	RM PCT	RANGE AZ KM	AZ DG
0.0	10.7	400.8	955.6	19.3	11.7	18.0	4.1	-0.7	-0.0	296.2	323.7	10.4	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	11.1	432.4	950.0	18.5	12.1	17.2	9.4	-0.8	-0.2	296.6	321.0	9.4	66.2	0.3	175.
1.0	11.4	601.1	925.0	17.9	12.7	17.2	9.4	-0.8	-0.2	297.7	324.4	10.0	71.2	0.5	190.
1.8	13.7	916.2	900.0	17.6	11.9	0.3	9.1	-0.0	-0.1	298.6	326.1	5.6	69.4	1.0	180.
2.6	18.1	1157.3	875.0	17.0	13.3	342.5	8.6	2.0	-0.4	301.5	331.3	11.1	78.7	1.4	185.
3.5	20.5	1405.7	850.0	17.2	13.9	290.6	4.2	3.9	-1.5	304.5	336.0	11.9	79.3	1.6	178.
4.4	23.9	1661.2	825.0	16.3	11.6	223.4	9.9	3.9	2.9	305.4	338.8	10.5	73.9	1.6	171.
5.3	25.4	1923.1	800.0	14.4	11.6	219.0	7.0	4.4	5.4	306.7	338.6	10.6	82.6	1.4	161.
6.2	27.9	2191.4	775.0	12.8	8.8	225.6	6.5	6.1	5.9	307.6	333.4	9.3	76.6	1.2	143.
7.0	30.4	2466.6	750.0	10.7	6.6	236.5	8.8	7.3	4.8	308.3	331.3	8.2	76.0	1.3	122.
8.0	32.9	2749.1	725.0	5.4	5.2	243.5	9.2	8.2	4.1	309.7	331.7	7.7	75.4	1.6	107.
9.0	35.6	3039.8	700.0	7.4	3.9	241.7	10.5	9.3	5.0	310.7	331.4	7.3	78.4	2.0	95.
10.1	38.2	3330.8	675.0	5.8	3.3	243.3	10.5	9.4	4.7	311.2	332.0	7.2	88.4	2.7	86.
11.3	40.9	3646.4	650.0	3.1	1.4	243.2	10.5	9.4	4.6	312.5	332.2	6.8	51.6	3.4	82.
12.4	43.4	3963.9	625.0	1.3	-2.4	244.8	11.6	10.5	4.9	314.0	331.0	6.0	80.4	4.1	78.
13.6	46.4	4292.1	600.0	-0.6	-1.9	241.2	12.1	10.6	5.8	315.4	331.9	5.6	51.0	4.9	74.
14.8	49.3	4632.0	575.0	-1.5	-0.9	246.8	13.6	12.5	5.4	318.2	330.4	4.0	86.3	5.8	74.
16.0	52.1	4985.5	550.0	-3.2	-1.0	252.2	15.0	15.4	3.3	320.3	327.7	2.3	42.3	6.9	74.
17.3	55.1	5352.1	525.0	-6.2	-1.0	261.0	18.1	17.9	2.6	320.5	327.7	3.2	70.7	8.2	75.
18.7	58.3	5732.8	500.0	-5.4	-1.0	260.9	19.3	19.1	3.1	321.6	332.4	3.4	91.4	9.7	76.
19.9	61.3	6127.8	475.0	-10.8	-1.1	258.4	17.5	17.2	3.5	324.2	332.7	2.5	70.6	11.1	76.
21.3	64.5	6561.4	450.0	-13.9	-1.3	253.8	16.3	15.7	4.5	325.4	333.6	2.4	81.7	12.6	76.
23.0	67.9	6973.5	425.0	-16.4	-1.7	248.9	15.2	14.7	5.8	327.5	333.2	1.6	63.5	14.1	74.
24.7	71.3	7426.9	400.0	-15.6	-2.1	255.8	15.8	15.3	3.9	329.5	333.7	1.2	61.2	15.7	75.
26.4	74.8	7904.3	375.0	-22.4	-2.5	259.0	18.1	17.8	3.5	331.9	334.4	0.7	41.4	17.4	74.
28.1	78.4	8406.7	350.0	-26.4	-3.5	254.2	16.4	15.0	4.4	332.5	335.0	0.6	46.7	19.1	74.
30.2	82.3	8937.3	325.0	-34.8	-4.0	249.9	17.2	15.7	7.0	334.2	335.0	0.4	40.7	21.1	75.
32.5	86.2	9501.3	300.0	-34.7	-5.8	241.0	18.4	16.2	8.4	334.2	336.8	0.1	15.6	23.7	74.
34.7	90.3	10193.3	275.0	-39.5	-9.9	231.6	19.6	16.6	6.2	338.6	999.9	99.9	999.9	26.1	73.
36.7	94.8	10746.6	250.0	-45.7	-9.9	231.6	21.9	21.1	6.1	338.2	999.9	99.9	999.9	28.4	73.
39.1	99.4	11440.9	225.0	-50.7	-9.9	229.4	25.3	23.7	8.0	340.5	999.9	99.9	999.9	32.0	73.
42.0	104.4	12209.0	200.0	-51.0	-9.9	225.4	24.5	23.7	6.2	332.8	999.9	99.9	999.9	36.6	73.
44.6	109.8	13071.2	175.0	-54.2	-9.9	227.9	21.7	21.2	4.5	328.7	999.9	99.9	999.9	40.3	73.
48.2	115.8	14044.2	150.0	-59. .	-9.9	225.6	17.1	18.6	4.3	328.2	999.9	99.9	999.9	44.3	73.
51.9	122.3	15175.0	125.0	-61.0	-9.9	223.1	14.7	13.8	5.0	367.2	999.9	99.9	999.9	47.7	74.
56.3	129.7	16567.6	100.0	-62.0	-9.9	226.4	15.6	11.3	10.8	418.3	999.9	99.9	999.9	50.9	72.
61.4	134.0	18345.7	75.0	-62.4	-9.9	225.4	8.4	3.7	7.7	441.7	999.9	99.9	999.9	55.1	74.
69.1	149.5	22008.5	50.0	-54.3	-9.9	148.9	6.1	-3.4	5.1	815.7	999.9	99.9	999.9	95.5	68.
80.3	163.6	25666.6	25.0	-47.4	-9.9	144.0	8.2	-8.0	2.1	648.4	999.9	99.9	999.9	92.8	64.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 953
OMAHA, NEBRASKA
7 JUNE 1979
1700 CDT

TIME MIN	CHTCY	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT V DEG K	E POT DEG K	WIND GMS/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.0	400.0	954.8	25.8	14.9	260.8	2.6	2.6	0.5	302.5	334.8	12.8	99.0	0.0	0.0
00.0	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	999.9	999.9
01.0	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
02.0	10.0	402.7	950.0	23.9	15.7	999.9	99.9	99.9	99.9	301.4	333.5	11.9	60.0	999.9	999.9
03.0	12.0	695.3	915.0	21.2	14.2	999.9	99.9	99.9	99.9	301.0	332.1	11.6	67.0	999.9	999.9
04.0	15.0	912.3	900.0	19.0	14.7	999.9	99.9	99.9	99.9	301.1	332.8	11.8	75.0	999.9	999.9
05.0	17.2	1174.5	875.0	17.1	13.9	254.4	2.3	2.1	-0.9	301.5	332.5	11.5	81.4	999.9	999.9
06.0	19.5	1422.5	850.0	14.9	12.4	277.6	3.6	3.5	-0.5	303.2	333.2	10.6	75.8	999.9	999.9
07.0	21.6	1877.8	825.0	12.2	11.5	246.4	4.4	5.0	2.6	306.1	335.7	10.4	69.0	999.9	999.9
08.0	23.9	1840.3	800.0	10.5	9.8	222.3	7.5	7.1	2.3	307.6	334.4	9.6	65.1	999.9	999.9
09.0	26.3	2209.6	775.0	8.4	5.3	261.9	6.2	-1.3	-1.3	308.5	329.6	7.2	55.4	999.9	999.9
10.0	29.0	2495.4	750.0	6.1	1.9	258.8	7.3	6.6	-1.5	309.2	326.4	5.9	50.1	999.9	999.9
11.0	31.0	2762.1	725.0	5.5	0.8	262.3	7.0	6.9	-1.5	309.5	326.2	5.6	54.6	999.9	999.9
12.0	33.4	3058.4	700.0	7.2	3.2	264.1	8.0	7.9	0.8	310.2	330.5	7.0	75.9	999.9	999.9
13.0	35.8	3337.5	675.0	5.2	1.5	254.3	11.4	10.9	3.1	311.4	329.9	6.4	77.6	999.9	999.9
14.0	38.4	3683.5	650.0	3.9	-2.6	262.1	14.3	14.1	2.0	313.3	327.6	4.9	63.0	999.9	999.9
15.0	41.0	4033.8	625.0	3.4	-19.8	276.1	18.0	15.9	-1.7	316.4	320.5	1.3	16.2	999.9	999.9
16.0	43.6	4314.1	600.0	1.2	-12.0	279.5	15.7	15.5	-2.6	317.5	325.5	2.5	36.5	999.9	999.9
17.0	46.2	4654.9	575.0	-1.6	-3.9	273.5	14.4	14.3	-0.9	318.2	328.7	3.4	57.0	999.9	999.9
18.0	49.0	5027.3	550.0	-4.1	-10.5	264.6	12.9	12.6	1.2	319.3	329.0	3.1	60.8	999.9	999.9
19.0	51.8	5373.8	525.0	-5.6	-11.2	260.5	14.5	14.3	2.4	321.7	331.4	3.1	64.3	999.9	999.9
20.0	54.6	5735.4	500.0	-7.0	-10.4	258.5	16.8	16.1	3.9	323.2	334.2	3.4	62.6	999.9	999.9
21.0	57.6	6132.7	475.0	-8.6	-14.1	255.4	18.7	17.1	4.2	324.5	333.7	2.7	75.3	999.9	999.9
22.0	60.6	6566.7	450.0	-10.6	-16.4	252.5	17.9	17.1	5.4	326.0	333.7	2.4	79.9	999.9	999.9
23.0	63.6	7050.7	425.0	-14.8	-21.4	222.4	20.1	19.2	6.1	329.9	333.5	1.0	36.0	999.9	999.9
24.0	66.9	7536.5	400.0	-18.5	-32.1	254.6	19.9	19.2	5.3	331.0	333.3	0.6	28.8	999.9	999.9
25.0	70.1	7934.8	375.0	-22.8	-34.4	222.3	18.3	17.5	5.6	331.4	333.3	0.5	33.6	999.9	999.9
26.0	73.6	8335.6	350.0	-27.3	-44.6	242.7	16.9	17.7	6.4	332.8	332.8	0.2	17.3	999.9	999.9
27.0	77.1	8664.8	325.0	-31.3	-53.6	242.5	18.5	16.4	6.5	333.2	333.9	0.1	9.6	999.9	999.9
28.0	80.9	9026.8	300.0	-35.3	-57.2	236.9	20.3	17.0	11.1	335.6	335.0	0.1	6.3	999.9	999.9
29.0	84.7	9427.7	275.0	-39.9	-59.9	231.0	18.1	14.0	11.4	337.4	339.8	99.9	555.9	999.9	999.9
30.0	89.4	9871.3	250.0	-44.4	-59.9	231.2	22.4	18.8	12.1	340.1	339.9	59.9	995.9	999.9	999.9
31.0	93.2	10370.7	225.0	-47.8	-59.9	243.8	25.1	26.1	12.0	343.3	339.9	59.9	999.9	999.9	999.9
32.0	97.8	10944.8	200.0	-50.8	-59.9	250.1	30.5	28.7	10.4	353.2	339.9	99.9	999.9	999.9	999.9
33.0	103.0	11610.2	175.0	-54.3	-59.9	250.0	27.9	26.2	9.5	368.4	339.9	99.9	999.9	999.9	999.9
34.0	108.3	12367.7	150.0	-58.1	-59.9	230.9	17.9	15.5	9.0	368.3	339.9	99.9	999.9	999.9	999.9
35.0	114.5	13219.3	125.0	-62.7	-59.9	231.3	18.2	12.6	10.2	381.2	339.9	99.9	999.9	999.9	999.9
36.0	121.3	14156.5	100.0	-67.7	-59.9	233.3	16.4	13.1	9.8	406.4	339.9	99.9	999.9	999.9	999.9
37.0	129.5	15189.3	75.0	-73.4	-59.9	203.0	9.3	3.4	8.5	452.2	339.9	99.9	999.9	999.9	999.9
38.0	137.5	16399.2	50.0	-80.8	-59.9	162.0	7.0	-2.2	6.7	514.2	339.9	99.9	999.9	999.9	999.9
39.0	151.5	17556.2	25.0	-87.3	-59.9	99.9	99.9	95.9	99.9	611.6	339.9	99.9	999.9	999.9	999.9

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

STATION NO. 953
OMAHA, NEBRASKA

7 JUNE 1979
2030 GMT

16.3 11.0

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT T DEG K	WZ RTO CM/KG	RM PCT	RANGE AZ KM	AZ DEG
0.0	10.7	400.0	937.1	26.8	15.7	350.0	7.2	2.5	-6.9	308.8	338.2	11.8	45.0	0.0	0.
00.9	09.9	99.9	1000.0	96.9	59.9	99.9	95.9	99.9	99.9	99.9	999.9	55.9	999.9	999.9	999.
01.2	11.4	466.1	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	55.9	999.9	999.9	999.
0.7	13.7	700.9	925.0	24.6	12.3	352.4	9.9	1.3	-9.8	308.7	339.9	9.5	39.9	0.3	187.
1.4	16.2	940.3	900.0	22.1	10.5	352.6	6.7	1.3	-9.7	308.8	340.1	9.3	43.9	0.4	189.
2.2	18.7	1186.2	875.0	15.7	10.5	353.7	8.6	2.4	-9.5	308.2	329.8	9.1	46.7	0.8	171.
2.9	21.1	1433.3	850.0	17.9	9.3	348.0	6.7	1.4	-8.5	308.5	328.9	9.2	55.4	1.2	169.
3.7	23.7	1687.8	825.0	15.2	7.7	337.5	5.2	0.2	-5.2	308.7	327.4	9.1	60.7	1.6	166.
4.6	26.3	1948.0	800.0	13.3	7.0	339.5	4.9	0.0	-4.9	305.2	327.4	7.9	65.7	2.1	170.
5.3	28.8	2214.5	775.0	10.7	7.1	324.2	4.4	2.6	-3.6	305.2	328.1	8.2	78.5	2.3	170.
6.0	31.4	2486.5	750.0	11.3	6.2	279.2	8.0	7.7	2.1	308.5	331.5	8.0	70.6	2.4	160.
7.6	34.1	2771.6	725.0	10.7	5.7	264.3	11.0	10.1	4.4	311.2	329.9	8.5	57.7	2.4	145.
8.7	36.9	3064.1	700.0	10.0	-3.3	245.6	5.7	9.1	3.4	313.2	326.8	8.3	39.0	2.6	133.
9.5	39.7	3365.6	675.0	7.9	-3.7	232.1	9.1	6.7	2.6	314.2	327.9	4.3	43.6	2.8	126.
10.4	42.5	3675.7	650.0	5.2	-3.4	234.6	10.5	10.1	2.6	314.5	328.6	4.6	33.4	3.2	118.
11.5	45.4	3995.4	625.0	3.9	-4.4	231.9	12.0	11.6	3.3	316.4	329.6	4.4	56.3	3.8	110.
12.6	48.4	4325.6	600.0	0.8	-4.4	231.9	14.7	11.2	3.7	317.1	331.4	4.4	67.8	4.5	104.
13.7	51.4	4666.4	575.0	-1.9	-4.9	252.6	12.5	11.9	3.7	317.6	331.7	4.6	79.8	5.1	99.
15.0	54.4	5019.5	550.0	-3.4	-7.8	249.3	15.4	14.4	5.4	320.1	332.0	3.9	71.1	6.1	95.
16.3	57.4	5386.2	525.0	-5.9	-10.3	247.4	17.8	16.5	6.6	321.4	331.2	3.3	70.6	7.3	90.
17.6	60.8	5766.9	500.0	-8.7	-12.9	246.1	18.3	16.7	7.4	322.4	331.4	2.8	71.8	8.8	86.
19.3	64.1	6142.9	475.0	-11.0	-19.4	242.1	18.1	16.0	8.4	324.4	330.1	1.7	49.7	10.6	82.
21.0	67.4	6576.7	450.0	-13.7	-31.1	245.2	16.2	16.7	8.0	326.1	331.6	1.7	58.1	12.1	80.
22.4	71.0	7029.0	425.0	-14.5	-23.7	248.9	20.9	18.7	7.2	327.6	332.3	1.3	53.4	13.7	78.
23.9	74.4	7462.7	400.0	-14.5	-31.4	248.0	22.2	20.4	6.3	329.4	332.1	0.7	34.1	15.6	77.
25.5	78.3	7939.2	375.0	-23.3	-61.2	238.4	22.6	19.2	11.8	338.2	330.9	0.0	1.6	17.8	75.
27.4	81.1	8439.5	350.0	-27.7	-42.0	235.6	23.6	19.3	13.2	331.4	331.2	0.0	2.2	20.2	73.
29.7	84.2	8968.7	325.0	-31.0	-43.0	232.4	24.3	19.3	14.8	336.6	334.1	0.0	2.6	22.7	71.
31.3	87.3	9531.1	300.0	-35.7	-44.9	228.7	26.1	19.6	17.2	335.1	335.1	0.0	3.2	25.6	68.
33.2	90.7	10130.1	275.0	-40.2	99.9	231.9	22.7	22.5	17.7	337.0	339.9	99.9	99.9	28.7	64.
35.6	94.3	10776.9	250.0	-43.0	99.9	233.4	24.4	29.7	17.8	342.1	399.9	99.9	99.9	33.0	65.
38.9	101.2	11483.8	225.0	-45.4	99.9	232.4	36.2	30.9	18.8	348.5	999.9	99.9	99.9	38.2	64.
40.8	104.4	12258.3	200.0	-51.3	99.9	245.2	34.1	30.9	14.3	351.2	999.9	99.9	99.9	44.1	64.
43.7	110.4	13117.7	175.0	-55.5	99.9	239.0	26.3	26.3	14.6	358.2	999.9	99.9	99.9	49.8	64.
46.9	121.3	14086.4	150.0	-61.2	99.9	231.9	21.0	18.5	13.8	363.6	999.9	99.9	99.9	54.2	63.
50.5	137.5	15207.5	125.0	-62.8	99.9	232.4	17.6	14.0	10.6	389.2	999.9	99.9	99.9	58.2	62.
54.8	157.7	16581.5	100.0	-63.3	99.9	234.8	17.1	14.0	9.9	405.4	999.9	99.9	99.9	62.6	62.
60.2	184.5	18368.0	75.0	-60.2	59.9	205.1	9.6	4.1	6.7	444.7	999.9	99.9	99.9	66.7	61.
66.6	153.7	20932.9	50.0	-54.8	99.9	162.7	5.7	-1.7	8.5	518.3	999.9	99.9	99.9	67.9	59.
80.1	166.0	25608.4	25.0	-62.3	99.9	122.8	7.4	-6.2	4.6	651.7	999.9	99.9	99.9	68.6	57.

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
 OMAHA, NEBRASKA
 7 JUNE 1979
 2307 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEH PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT HT DEG K	E POT Y DEG K	HR INTD GM/KG	RM PCT	RANGE KM	AZ DEG
8.0	10.2	400.0	959.4	26.9	14.0	310.0	7.7	9.9	-4.9	363.6	332.4	10.6	46.0	0.0	0.
9.0	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	11.1	487.0	950.0	26.4	12.4	337.0	10.1	3.6	-9.3	303.5	330.3	9.6	42.0	0.5	150.
1.0	13.5	721.5	925.0	24.2	12.0	344.1	9.5	2.7	-9.6	304.1	330.4	9.6	46.3	0.8	156.
1.9	16.0	960.4	900.0	21.8	11.5	353.5	9.6	1.1	-9.7	303.5	330.1	9.5	51.7	1.3	160.
2.8	18.4	1204.2	875.0	16.4	10.6	356.7	9.9	0.9	-9.9	303.5	329.3	9.2	56.7	1.8	166.
3.6	21.0	1452.7	850.0	17.1	9.7	350.3	9.9	1.7	-9.7	304.2	328.8	9.0	61.8	2.4	167.
4.7	23.5	1706.9	825.0	14.8	9.2	344.9	6.9	1.8	-9.6	304.2	328.9	8.9	69.2	2.9	167.
5.7	26.1	1967.0	800.0	12.2	8.3	352.0	3.1	0.4	-3.1	305.2	330.4	8.9	74.4	3.2	166.
6.8	28.7	2233.7	775.0	11.0	8.3	63.7	1.0	-1.0	-0.1	305.2	330.4	8.9	83.2	3.3	167.
8.0	31.3	2506.9	750.0	8.5	7.2	192.6	2.0	0.4	2.0	306.1	329.9	8.6	90.1	3.2	167.
9.0	34.0	2787.8	725.0	8.5	6.7	241.8	8.0	7.1	3.6	306.1	329.9	8.6	90.1	3.2	167.
10.1	36.8	3078.7	700.0	8.1	2.1	246.4	10.3	9.2	4.4	308.2	332.9	8.5	88.3	3.2	163.
11.1	39.6	3377.9	675.0	5.4	-1.7	245.8	9.4	8.8	3.9	311.8	330.0	8.4	66.0	3.1	151.
12.2	42.4	3686.0	650.0	4.1	-5.0	247.8	8.6	8.0	3.3	313.6	326.5	8.0	55.8	3.2	140.
13.3	45.3	4004.0	625.0	1.9	-6.6	245.8	10.1	9.2	4.2	315.7	327.7	4.4	61.9	3.4	131.
14.7	48.1	4332.7	600.0	0.1	-6.2	239.6	9.5	8.5	5.0	316.2	328.4	4.0	62.1	3.6	123.
16.0	51.3	4672.9	575.0	-2.7	-14.1	250.5	9.2	8.6	3.1	317.7	325.2	2.4	41.7	4.7	108.
17.3	54.4	5025.2	550.0	-3.9	-13.5	258.6	13.6	13.2	3.2	319.2	327.2	2.5	47.3	5.5	102.
18.6	57.6	5390.7	525.0	-7.0	-12.1	251.3	19.2	18.1	6.2	320.1	329.1	2.9	66.7	6.7	96.
20.1	60.9	5769.5	500.0	-10.0	-14.6	252.3	22.3	21.2	6.8	323.5	328.7	2.5	68.8	8.4	91.
21.6	64.1	6163.9	475.0	-11.5	-31.6	249.4	23.1	21.7	8.1	323.2	325.8	0.6	17.0	10.3	87.
23.0	67.6	6577.0	450.0	-13.8	-41.5	249.2	25.0	23.4	8.9	326.3	327.2	0.2	7.3	12.3	84.
24.6	71.1	7009.6	425.0	-16.5	-47.3	249.4	25.6	24.8	9.0	327.5	328.3	0.1	4.9	14.6	82.
26.3	74.7	7462.4	400.0	-20.1	-50.1	249.5	26.3	24.8	9.6	328.4	329.2	0.1	5.0	17.2	80.
28.1	78.4	7937.4	375.0	-23.7	-51.2	248.7	27.6	23.9	10.1	330.3	330.6	0.1	5.9	20.2	78.
29.9	82.3	8418.6	350.0	-26.9	-56.0	243.4	27.1	24.2	12.1	332.4	332.7	0.1	4.4	23.1	77.
31.5	86.3	8967.9	325.0	-31.6	-58.9	237.2	27.6	23.2	14.9	333.3	333.4	0.0	4.7	26.0	75.
33.8	90.5	9528.6	300.0	-35.9	-64.6	231.7	30.8	24.1	19.1	334.4	335.0	0.0	7.4	29.3	72.
36.0	95.0	10128.1	275.0	-39.6	-64.6	236.0	31.1	26.0	17.4	337.9	336.0	0.0	4.9	33.2	70.
38.9	99.6	10775.7	250.0	-43.2	99.9	241.0	35.9	31.4	17.4	341.5	339.9	0.7	899.9	38.7	69.
41.7	104.6	11482.2	225.0	-45.6	99.9	243.6	37.4	33.5	16.6	348.4	339.9	0.9	999.9	45.3	68.
44.5	110.0	12257.5	200.0	-50.9	99.9	246.6	32.5	29.8	12.9	359.1	339.9	0.9	999.9	51.2	67.
47.6	115.8	13119.8	175.0	-56.2	99.9	246.9	29.2	26.9	11.3	357.2	339.9	0.9	999.9	56.7	67.
50.9	122.0	14087.9	150.0	-61.8	99.9	243.9	21.9	19.6	9.8	365.0	339.9	0.9	999.9	61.8	67.
54.5	128.8	15204.8	125.0	-64.6	99.9	245.6	23.6	21.7	9.8	376.0	339.9	0.9	999.9	66.7	67.
59.3	136.7	16577.5	100.0	-62.7	99.9	236.2	17.9	14.9	10.0	400.2	339.9	0.9	999.9	72.4	66.
65.1	145.5	18168.6	75.0	-61.2	99.9	202.4	9.4	3.6	8.7	448.6	339.9	0.9	999.9	76.1	66.
72.9	153.5	20319.3	50.0	-56.1	99.9	127.2	5.4	-4.3	3.3	511.4	339.9	0.9	999.9	77.9	66.
82.3	160.0	23432.2	25.0	-48.7	99.9	88.6	7.9	-7.9	-0.2	633.2	339.9	0.9	999.9	75.2	62.

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

STATION NO. 533
OMAHA, NEBRASKA
6 JUNE 1979
203 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DM K	E POT T DEG K	MR WTD GM/KG	RH PCT	RANGE AL KM	7. 0
0.0	9.9	900.0	991.8	22.1	11.8	330.0	7.2	1.3	-7.1	298.6	323.0	9.1	82.0	0.0	0.
59.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	96.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	975.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	11.0	573.5	990.0	22.4	12.3	355.6	17.5	1.3	-17.4	299.5	325.6	9.5	52.7	0.4	168.
1.1	13.4	739.3	925.0	20.8	11.8	354.5	14.0	1.4	-14.6	300.4	324.3	9.5	56.5	1.0	172.
2.1	15.8	975.4	900.0	18.3	10.7	356.2	13.6	0.9	-13.6	300.2	324.8	9.0	61.3	1.8	173.
3.1	18.2	1216.6	875.0	17.0	10.3	0.7	11.7	-0.2	-11.7	301.2	325.1	9.1	65.7	2.6	174.
4.1	20.7	1463.6	850.0	15.6	9.6	11.4	7.4	-1.5	-7.3	302.2	325.8	6.9	67.1	3.1	176.
4.9	23.1	1717.2	825.0	15.2	9.5	69.9	3.4	-3.3	-1.2	304.6	329.7	9.1	68.7	3.3	178.
6.0	25.7	1974.1	800.0	14.1	8.6	155.4	3.6	-1.5	3.2	306.1	330.7	8.8	69.7	3.2	131.
6.9	28.2	2246.1	775.0	13.0	8.6	190.1	4.3	0.6	4.2	307.2	333.3	9.1	74.4	3.0	181.
7.9	30.9	2521.3	750.0	11.2	8.8	231.8	5.0	3.9	3.1	308.7	332.2	8.3	78.7	2.7	179.
8.9	33.5	2904.1	725.0	9.1	7.2	268.5	6.2	6.2	0.2	309.4	331.2	7.7	76.4	2.7	172.
10.0	36.2	3094.2	700.0	7.2	-0.4	274.2	7.1	7.1	-0.5	310.2	328.0	5.3	56.4	2.8	163.
11.0	39.0	3382.5	675.0	5.5	-0.5	259.0	7.7	7.5	1.6	311.2	327.9	5.5	65.3	3.0	155.
12.0	41.9	3700.3	650.0	3.5	-1.5	249.7	9.6	8.7	4.1	313.5	326.8	5.3	69.7	3.1	145.
13.2	44.7	4018.1	625.0	2.0	-2.6	231.8	11.5	9.0	7.1	314.7	329.8	5.1	71.8	3.2	132.
14.3	47.6	4347.4	600.0	1.2	-10.3	222.3	14.4	9.7	10.7	317.2	326.6	2.9	42.0	3.4	117.
15.6	50.6	4688.7	575.0	-1.3	-15.6	225.6	18.2	13.0	12.7	316.2	331.9	4.4	72.4	3.9	99.
16.9	53.4	5041.7	550.0	-4.1	-7.3	216.1	20.2	16.8	12.2	319.3	331.5	4.0	78.3	4.9	86.
18.1	56.8	5407.0	525.0	-7.0	-11.4	240.1	21.7	18.6	10.8	320.0	329.5	3.1	70.9	6.4	79.
19.4	60.0	5785.2	500.0	-11.0	-11.7	244.5	23.0	20.7	9.9	319.7	329.4	3.1	84.4	8.1	76.
20.7	63.3	6178.4	475.0	-11.6	-36.6	244.8	24.2	21.9	10.3	323.4	328.8	0.3	10.4	9.9	74.
22.1	66.6	6591.5	450.0	-13.4	-33.1	243.9	26.0	23.4	11.4	326.4	328.2	0.5	17.2	12.1	72.
23.0	70.1	7023.6	425.0	-17.2	-35.8	243.9	27.9	25.1	12.3	327.5	328.5	0.4	17.8	14.7	71.
25.3	73.4	7475.4	400.0	-20.2	-40.2	249.1	27.6	25.8	9.9	328.7	329.7	0.3	14.0	17.2	70.
28.9	77.3	7950.2	375.0	-24.2	-44.0	259.1	28.2	26.6	9.6	329.2	330.4	0.2	13.9	19.9	70.
29.6	81.2	8450.1	350.0	-27.6	-46.9	245.1	30.7	27.8	12.9	331.2	332.2	0.2	13.8	23.8	70.
30.3	85.0	8978.9	325.0	-31.4	-49.7	236.5	33.7	28.1	18.6	333.4	333.9	0.1	14.2	26.1	69.
32.4	89.3	9541.9	300.0	-34.6	-53.7	232.3	35.3	28.0	21.6	336.2	337.0	0.1	12.2	30.4	66.
34.4	93.7	10144.0	275.0	-39.2	-57.1	236.7	34.7	29.0	19.1	338.2	338.8	0.1	12.7	34.5	65.
36.8	98.3	10742.1	250.0	-42.4	-60.9	238.7	37.7	32.2	18.6	343.1	339.9	99.9	99.9	39.5	64.
39.2	103.	11497.6	225.0	-46.6	-64.9	239.1	36.0	30.9	18.5	347.0	339.9	99.9	99.9	45.2	63.
42.1	108.5	12270.1	200.0	-51.1	-69.9	249.6	36.3	34.0	12.7	351.9	339.9	99.9	99.9	51.4	63.
45.1	113.3	13129.2	175.0	-54.2	-64.9	248.1	31.7	29.0	12.9	357.2	339.9	99.9	99.9	57.3	64.
48.4	120.3	14095.6	150.0	-60.1	-69.9	236.2	25.9	21.5	14.4	366.5	339.9	99.9	99.9	63.4	64.
52.2	127.3	15216.5	125.0	-64.3	-64.3	228.5	21.6	14.2	14.3	375.6	339.9	99.9	99.9	68.2	63.
56.8	135.0	16574.2	100.0	-64.5	-64.9	230.8	18.2	15.3	10.0	403.1	339.9	99.9	99.9	74.3	62.
62.7	144.0	18341.0	75.0	-62.6	-64.9	230.7	7.1	3.5	6.2	441.2	339.9	99.9	99.9	77.8	62.
71.1	154.3	20878.3	50.0	-58.7	-59.9	140.1	9.7	-3.7	4.4	512.2	339.9	99.9	99.9	78.6	60.
84.2	165.0	23370.4	25.0	-49.1	-59.9	91.3	7.1	-7.1	0.2	643.4	339.9	99.9	99.9	75.5	57.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 00 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 823
OMAHA, NEBRASKA
8 JUNE 1979
002 GMT

103 10- 0

TIME MIN	CNCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEFS DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT. H DG M	E POT. T DG K	M3 BT0 GPH	MM PCT	RANGE KM	AZ DG
0-0	9-9	400-0	943-1	19-3	8-9	310-0	6-7	8-3	-6-3	298-4	318-5	7-5	81-8	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	99-9	99-9
00-9	90-8	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-6	11-4	338-0	950-0	19-4	9-1	999-9	99-9	99-9	99-9	296-2	317-3	7-7	51-8	99-9	99-9
1-0	13-7	764-7	925-0	17-4	8-8	999-9	99-9	99-9	99-9	297-1	317-7	7-6	96-4	99-9	99-9
1-7	16-1	999-0	900-0	15-6	8-4	999-9	99-9	99-9	99-9	297-6	318-4	7-7	62-1	1-5	172-
2-6	18-4	1737-5	875-0	15-5	9-4	709-9	9-5	-3-4	-8-5	299-9	323-0	8-5	60-7	2-1	177-
3-5	21-1	1423-6	850-0	15-2	9-2	65-7	7-9	-7-2	-3-2	302-8	328-7	8-7	62-6	2-5	183-
4-4	23-6	1737-1	825-0	14-9	10-2	999-9	95-9	99-9	99-9	304-7	330-5	9-5	73-9	2-6	193-
5-2	26-1	1557-1	800-0	12-7	9-2	999-9	95-9	99-9	99-9	304-7	330-5	9-2	79-1	99-9	99-9
6-0	28-7	2263-4	775-0	10-9	8-9	999-9	99-9	99-9	99-9	305-2	331-3	9-3	87-3	99-9	99-9
6-9	31-3	2936-6	750-0	8-8	7-8	999-9	99-9	99-9	99-9	306-1	331-8	9-0	93-9	2-5	222-
7-7	34-0	2817-0	725-0	7-5	6-6	180-3	4-3	-2-3	3-7	307-7	331-8	8-5	98-6	2-5	228-
8-6	36-8	3105-8	700-0	5-5	4-7	171-8	3-5	-0-5	3-4	308-6	330-3	7-7	98-5	2-4	232-
9-5	39-6	3803-2	675-0	4-2	3-4	192-3	4-6	1-0	4-5	310-4	331-3	7-3	98-4	2-3	236-
10-3	42-3	3710-5	650-0	2-6	1-8	212-3	4-2	3-3	5-3	312-0	331-5	6-7	98-1	2-1	240-
10-9	45-2	4027-7	625-0	1-1	0-2	227-6	7-8	5-8	6-3	313-7	332-9	6-3	98-0	1-9	242-
11-6	48-1	4356-3	600-0	-0-5	-1-2	234-0	10-1	8-1	5-9	315-7	332-9	5-3	98-9	0-7	255-
12-5	51-0	4695-9	575-0	-2-3	-3-0	999-9	99-9	99-9	99-9	317-2	333-2	5-3	98-9	99-9	99-9
14-2	54-0	5047-1	550-0	-5-4	99-9	999-9	99-9	99-9	99-9	317-7	333-2	99-9	99-9	99-9	99-9
15-0	57-1	5410-6	525-0	-7-3	99-9	999-9	99-9	99-9	99-9	319-7	333-2	99-9	99-9	99-9	99-9
16-0	60-3	5789-2	500-0	-9-3	99-9	999-9	99-9	99-9	99-9	321-7	333-7	99-9	99-9	99-9	99-9
16-9	63-5	6184-6	475-0	-11-4	-12-4	999-9	99-9	99-9	99-9	323-2	333-7	3-1	92-6	2-8	35-
18-6	66-9	6596-8	450-0	-16-5	99-9	999-9	99-9	99-9	99-9	322-6	333-7	99-9	99-9	99-9	99-9
20-7	70-3	7073-9	425-0	-15-7	-17-5	999-9	99-9	99-9	99-9	323-7	333-8	0-0	1-0	6-4	57-
22-1	73-9	7471-4	400-0	-22-2	-23-1	283-9	30-9	27-7	13-6	326-8	329-2	0-0	1-0	10-9	60-
23-6	77-5	7944-1	375-0	-24-5	-25-6	233-8	32-2	28-0	19-0	329-2	329-2	0-0	1-0	14-0	60-
25-4	81-3	8444-5	350-0	-26-5	-28-9	228-8	31-8	24-0	21-0	333-6	330-7	0-5	36-7	17-2	58-
27-5	84-7	8976-1	325-0	-28-8	-32-6	221-3	38-9	28-4	27-7	335-2	330-4	0-2	19-7	21-4	55-
30-2	88-3	9443-1	300-0	-33-2	-37-3	221-2	38-1	28-1	28-7	338-6	330-7	0-0	1-0	27-2	52-
32-6	93-8	10150-0	275-0	-37-8	-43-8	222-7	43-3	28-4	31-8	341-6	331-6	0-0	1-0	33-1	50-
34-8	98-3	10803-7	250-0	-41-3	-50-8	227-6	41-9	31-6	28-2	344-6	331-6	99-9	99-9	38-6	49-
37-4	103-2	11510-1	225-0	-46-6	99-9	234-0	41-8	33-9	24-6	347-1	331-6	99-9	99-9	45-3	50-
40-1	108-4	12282-3	200-0	-52-2	99-9	230-6	45-7	39-8	32-4	350-8	331-6	99-9	99-9	52-4	51-
43-6	114-0	13154-6	175-0	-57-5	99-9	228-4	44-7	41-8	17-9	355-8	331-6	99-9	99-9	60-8	53-
46-9	120-8	14096-4	150-0	-62-4	99-9	239-8	39-0	33-6	19-8	362-2	331-6	99-9	99-9	67-8	54-
50-9	127-0	15208-1	125-0	-68-4	99-9	245-7	33-2	33-3	13-7	371-1	331-6	99-9	99-9	78-5	55-
56-1	134-7	16561-5	100-0	-83-1	99-9	244-8	17-6	18-8	7-5	405-8	331-6	99-9	99-9	88-3	56-
62-2	143-3	18344-3	75-0	-82-4	99-9	150-9	13-7	-8-8	12-9	442-5	331-6	99-9	99-9	99-9	55-
70-8	153-7	20888-2	50-0	-87-4	99-9	110-3	6-0	-8-4	2-1	508-4	331-6	99-9	99-9	90-1	53-
83-0	163-0	23367-1	25-0	-91-1	99-9	99-4	10-5	-10-8	0-8	637-8	331-6	99-9	99-9	97-4	50-

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 00 BY TEMP MEANS TEMPERATURE OR TIME PAVE AFEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 823
OMAHA, NEBRASKA

8 JUNE 1979
000 GMT

186 8. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	V COMP M/SEC	W COMP M/SEC	POT T DB K	E POT T GG K	WX RTO CM/KG	RM ACT	RANGE AZ KM	OG
0.0	9.8	400.0	965.5	14.4	9.2	10.0	7.7	-1.3	-7.6	390.2	310.4	7.6	71.0	0.8	0.
00.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
00.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9
0.5	11.2	537.1	550.0	14.5	8.4	999.9	99.0	99.0	99.0	291.4	311.2	7.3	66.9	999.9	999.9
1.4	13.4	742.3	925.0	13.1	6.7	999.9	99.0	99.0	99.0	292.8	310.5	6.7	64.8	999.9	999.9
2.2	15.0	903.2	900.0	10.0	10.6	21.3	12.1	-6.2	-15.9	286.0	320.6	9.0	80.1	2.3	194.
3.0	17.9	1231.7	875.0	14.4	12.0	31.4	13.8	-7.2	-11.8	293.7	325.9	10.1	85.4	3.0	197.
3.7	20.2	1477.0	850.0	13.3	11.0	48.9	12.7	-9.5	-8.3	300.1	326.9	5.8	66.2	3.5	200.
4.6	22.5	1720.4	825.0	12.1	10.6	69.3	11.5	-10.0	-7.1	301.4	326.9	9.8	90.8	3.9	205.
5.1	24.8	1968.3	800.0	11.1	10.5	54.6	11.3	-11.2	1.3	303.0	330.3	10.0	95.7	4.3	211.
6.0	27.2	2252.2	775.0	10.6	9.9	127.4	10.4	-8.2	6.3	305.2	332.7	10.0	95.6	4.3	216.
6.8	29.7	2526.1	750.0	9.8	9.2	145.4	10.4	-5.3	9.0	307.1	334.5	9.8	95.9	4.7	224.
7.7	32.1	2807.9	725.0	6.5	7.9	171.3	11.2	-1.7	11.1	308.2	334.9	9.3	96.0	4.0	232.
8.7	34.7	3097.9	700.0	6.2	5.6	189.0	11.2	1.0	11.5	309.4	332.7	8.2	95.7	3.7	240.
9.7	37.2	3356.4	675.0	4.9	4.2	182.6	11.4	8.5	11.4	311.1	333.2	7.7	95.5	3.3	250.
10.8	39.8	3704.2	650.0	2.7	1.8	180.4	11.0	0.1	11.0	312.0	331.6	6.8	94.0	3.1	263.
12.0	42.4	4021.5	625.0	1.2	0.2	183.4	11.2	0.7	11.2	313.5	332.2	6.2	92.8	3.1	278.
13.4	45.2	4345.7	600.0	-0.4	-2.7	192.1	13.3	2.8	13.0	315.7	331.4	5.3	84.5	3.3	295.
14.5	47.9	4685.3	575.0	-2.7	-4.4	197.9	14.9	4.6	14.2	318.2	331.3	4.8	88.4	3.5	310.
15.6	50.8	5040.9	550.0	-5.0	-6.0	201.9	13.6	5.1	12.6	318.1	331.8	4.5	92.5	4.0	324.
17.0	53.7	5406.1	525.0	-8.6	-7.6	219.6	11.6	7.4	8.9	320.2	333.2	4.1	92.5	4.6	335.
18.4	56.6	5796.7	500.0	-8.4	-9.6	246.5	12.1	11.1	4.0	322.2	334.3	3.7	91.3	4.8	347.
19.7	59.6	6181.0	475.0	-11.0	-12.7	254.0	14.3	13.7	3.0	324.4	334.1	3.0	87.4	5.0	359.
21.3	62.8	6573.3	450.0	-13.5	-14.1	251.7	16.8	18.8	6.2	326.1	328.1	0.5	17.8	5.6	14.
22.9	66.0	7029.1	425.0	-17.8	-18.7	243.6	24.9	22.3	11.2	327.2	327.3	0.0	1.0	7.0	28.
24.5	69.3	7482.3	400.0	-19.5	-22.3	231.4	28.9	22.9	18.3	329.7	329.8	0.0	1.0	9.6	36.
26.3	72.6	7959.9	375.0	-21.8	-23.8	220.5	31.4	20.4	23.8	332.7	332.8	0.0	1.0	12.9	38.
28.1	76.1	8453.8	350.0	-24.2	-23.1	220.4	31.2	20.2	23.7	334.1	336.3	0.0	1.0	16.2	39.
29.9	79.8	8902.0	325.0	-27.8	-22.9	221.1	31.6	20.8	23.8	334.4	339.4	0.3	21.8	19.6	39.
31.8	83.5	9372.4	300.0	-31.8	-20.1	220.5	38.7	25.1	29.4	330.4	342.1	0.4	43.3	23.7	39.
34.1	87.6	10183.4	275.0	-35.5	-19.5	218.9	48.9	25.7	31.8	331.4	346.6	0.0	7.7	28.1	39.
36.4	91.8	10938.7	250.0	-41.8	-19.0	221.4	42.1	28.5	33.3	335.2	349.9	99.9	999.9	34.9	39.
38.8	96.3	11546.9	225.0	-46.8	-19.0	227.9	45.4	33.7	30.4	348.8	359.5	99.9	999.9	41.1	40.
41.2	101.0	12318.7	200.0	-51.8	-19.0	231.7	48.7	36.6	29.0	350.6	369.9	99.9	999.9	47.9	42.
44.3	106.2	13174.8	175.0	-54.9	-19.0	230.7	42.1	22.5	25.7	356.8	369.9	99.9	999.9	55.8	43.
48.8	112.0	14135.0	150.0	-53.8	-19.0	232.4	42.8	26.1	26.1	360.2	369.9	99.9	999.9	64.6	44.
51.1	118.0	15295.4	125.0	-61.9	-19.0	225.0	34.3	32.5	28.1	362.2	369.9	99.9	999.9	71.8	46.
54.6	125.3	16604.5	100.0	-61.9	-19.0	225.0	34.3	32.5	11.5	408.2	369.9	99.9	999.9	78.3	47.
60.2	133.7	18367.0	75.0	-63.1	-19.0	202.3	5.8	3.7	9.1	440.6	369.9	99.9	999.9	80.4	46.
69.0	143.5	20904.3	50.0	-57.6	-19.0	129.5	9.0	-3.9	3.2	509.2	369.9	99.9	999.9	81.7	45.
83.8	155.5	25395.7	25.0	-49.0	-19.0	99.0	7.6	-7.7	1.2	603.5	369.9	99.9	999.9	79.6	41.

* 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. 553
OMAHA, NEBRASKA

8 JUNE 1979
1105 GMT

163 11.0

TIME MIN	CH/CT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW DEG	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG F	E POT T DEG K	MI ATO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	10.1	488.8	966.9	12.3	10.7	10.0	6.2	-1.4	-0.1	288.2	309.9	6.4	99.0	0.0	0.0
99.9	99.9	99.9	1000.0	18.9	99.9	99.9	99.9	99.9	99.9	99.9	499.9	99.9	99.9	999.9	999.9
0.0	11.7	548.3	950.0	12.0	10.2	12.2	14.3	-3.0	-14.0	289.4	310.9	8.3	99.9	0.3	180.0
1.4	14.2	771.3	925.0	16.3	7.3	15.9	20.9	-8.0	-20.1	289.4	308.1	7.0	81.8	1.3	193.0
2.4	14.6	999.8	900.0	11.6	9.9	18.0	18.4	-5.7	-17.5	293.4	316.4	8.7	89.9	2.5	195.0
3.4	19.1	1238.7	875.0	12.6	10.9	33.3	14.2	-8.1	-12.4	296.8	322.1	9.4	89.0	3.6	197.0
4.3	21.6	1480.8	850.0	12.5	11.7	61.3	13.6	-12.8	-8.5	299.3	328.8	10.3	64.8	4.4	203.0
5.6	24.2	1732.1	825.0	12.4	11.7	86.5	14.3	-14.2	-9.9	301.7	330.4	10.6	53.7	4.9	211.0
6.5	24.8	1990.8	800.0	11.7	10.7	98.2	14.9	-14.8	-2.1	303.4	331.5	10.2	93.6	5.3	219.0
7.3	29.4	2258.8	775.0	10.9	9.9	107.6	14.5	-13.8	4.4	305.8	333.1	10.0	94.0	5.7	225.0
8.1	32.1	2530.9	750.0	10.1	9.3	121.0	12.6	-10.6	6.5	307.6	333.1	9.9	94.4	6.0	231.0
9.1	34.9	2912.9	725.0	8.6	7.7	137.5	5.3	-8.3	6.9	308.5	334.7	9.2	94.2	6.1	237.0
10.0	37.7	3102.9	700.0	6.6	5.4	156.8	6.1	-2.4	5.6	306.5	332.6	8.1	93.8	6.2	241.0
11.0	43.4	3409.9	675.0	4.5	3.1	194.8	4.4	1.1	4.2	312.7	331.1	7.1	90.6	6.1	243.0
12.2	43.3	3708.2	650.0	2.9	1.6	235.8	6.5	5.4	3.7	312.3	330.5	6.7	81.4	5.7	248.0
13.4	46.2	4323.2	625.0	0.7	-0.8	248.7	7.5	7.3	2.9	313.3	330.2	5.8	89.7	5.2	248.0
14.4	41.1	4352.4	600.0	-1.3	-2.8	248.4	8.4	7.7	3.4	314.6	330.1	5.2	89.5	4.7	248.0
15.6	52.3	4692.1	575.0	-2.8	-2.6	234.7	7.4	6.0	4.3	317.4	333.9	5.4	94.2	4.1	248.0
16.8	55.4	5045.0	550.0	-3.9	-4.9	219.0	7.4	6.7	5.8	319.6	334.2	4.9	82.8	3.7	246.0
19.1	59.5	5415.6	525.0	-5.9	-7.0	217.0	8.3	5.6	7.5	321.4	334.7	4.3	61.6	3.1	253.0
19.5	61.7	5792.4	500.0	-6.8	-11.1	226.3	11.1	8.0	7.7	322.2	332.6	3.3	83.2	2.4	243.0
23.9	65.0	6186.0	475.0	-13.2	-21.5	228.4	13.4	10.0	6.9	321.6	326.3	1.4	49.7	1.7	283.0
22.2	69.4	6557.6	450.0	-14.8	-19.5	224.3	16.7	11.6	11.9	324.6	331.8	2.0	73.4	1.6	324.0
23.5	72.0	7028.4	425.0	-17.0	-20.5	220.2	15.7	11.6	11.9	327.2	333.0	1.6	74.0	2.2	325.0
23.1	75.7	7481.7	400.0	-19.7	-23.6	209.9	20.4	10.2	17.7	329.4	334.2	1.4	70.7	4.0	18.0
24.6	75.4	7958.6	375.0	-22.8	-26.4	204.4	20.6	8.6	19.0	331.4	335.4	1.2	71.6	5.9	21.0
29.1	93.3	8421.1	350.0	-24.3	-30.5	213.3	24.8	14.1	21.5	333.2	336.4	0.9	62.4	7.9	22.0
29.8	87.3	8454.8	325.0	-24.1	-33.8	226.6	34.7	23.2	23.8	336.2	339.1	0.7	63.4	10.8	26.0
32.4	91.7	8962.4	300.0	-33.2	-43.1	226.4	45.0	33.7	29.8	338.6	339.7	0.3	30.1	16.9	33.0
33.7	94.0	10178.4	275.0	-34.1	-48.0	224.1	50.0	37.2	33.4	342.5	343.6	0.2	27.7	23.3	30.0
36.0	100.7	10928.0	250.0	-41.7	-59.9	229.6	50.4	34.4	32.6	344.1	349.8	99.9	999.9	29.5	41.0
39.4	103.6	11538.2	225.0	-46.9	-64.9	233.0	49.4	38.6	29.8	346.6	349.9	99.9	999.9	37.2	43.0
42.4	111.0	12300.9	200.0	-52.3	-69.9	237.3	48.0	38.5	28.7	349.5	349.9	99.9	999.9	44.0	45.0
44.9	116.8	13159.9	175.0	-56.7	-69.9	232.0	43.1	34.9	26.6	356.4	349.9	99.9	999.9	52.8	40.0
47.6	122.8	14121.1	150.0	-63.4	-69.9	233.9	42.8	33.6	25.2	360.2	349.9	99.9	999.9	59.5	47.0
51.7	129.7	15229.4	125.0	-67.8	-69.9	230.9	28.9	27.4	9.5	372.1	349.9	99.9	999.9	64.9	49.0
56.5	137.3	16541.8	100.0	-62.7	-69.9	213.3	18.7	8.6	13.1	406.7	349.9	99.9	999.9	74.1	50.0
62.3	146.0	18356.4	75.0	-62.7	-69.9	183.6	8.6	0.8	8.5	443.1	349.9	99.9	999.9	77.5	48.0
71.0	155.7	20911.9	50.0	-53.5	-69.9	159.6	8.6	-0.8	4.0	512.5	349.9	99.9	999.9	78.6	47.0
82.8	166.0	24609.2	25.0	-49.3	-69.9	122.4	7.3	-4.2	4.0	643.1	349.9	99.9	999.9	77.1	44.0

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 962
NORTH PLATTE, NEBRASKA

7 JUNE 1979
1115 GMT

153 17. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T DEG K	W3 RTO CM/KG	RM PCT	RANGE AZ KM	AZ DEG
0.6	15.5	647.0	905.9	15.6	11.6	369.0	2.1	0.0	-2.1	296.4	321.0	9.5	80.0	0.0	0.
09.9	15.5	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
09.9	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
09.9	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
09.9	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
0.2	18.1	902.4	900.0	13.7	17.1	599.9	99.9	99.9	99.9	295.7	321.9	9.9	89.9	999.9	999.9
1.1	18.6	1142.6	875.0	10.2	9.2	999.9	99.9	99.9	99.9	302.7	324.4	7.9	82.8	999.9	999.9
1.9	21.1	1391.7	850.0	10.9	3.8	999.9	99.9	99.9	99.9	308.0	322.8	5.9	36.4	999.9	999.9
2.6	21.7	1447.1	825.0	16.9	1.2	999.9	99.9	99.9	99.9	306.4	321.0	5.1	36.7	999.9	999.9
3.7	26.3	1968.2	800.0	14.4	0.0	999.9	99.9	99.9	99.9	306.2	320.4	4.8	37.2	999.9	999.9
4.8	23.9	2175.3	775.0	12.1	-0.6	999.9	99.9	99.9	99.9	306.5	320.5	4.7	41.2	999.9	999.9
5.8	31.6	2448.9	750.0	10.8	-10.0	288.5	8.3	8.3	-2.1	307.4	315.3	2.7	26.3	2.1	112.
6.8	34.3	2730.3	725.0	5.8	-20.3	297.3	7.4	6.6	-3.4	310.2	313.4	1.0	10.0	2.6	114.
7.9	37.0	3020.2	700.0	8.0	-16.1	294.4	9.5	5.0	-2.3	311.3	316.2	1.5	16.2	3.0	114.
9.0	37.8	3318.4	675.0	5.3	-28.2	292.5	6.5	5.7	-3.1	313.2	313.5	0.6	7.0	3.6	114.
10.1	42.7	3625.5	650.0	3.5	-47.8	297.9	9.5	8.4	-4.4	313.0	313.3	6.1	1.0	3.9	115.
11.1	45.6	3942.0	625.0	0.5	-14.7	294.9	12.9	11.7	-5.4	313.1	319.2	2.0	31.4	4.5	115.
12.2	48.6	4268.3	600.0	-2.1	-11.2	290.7	15.0	14.0	-5.3	313.6	322.0	2.7	50.2	5.5	115.
13.3	51.5	4604.9	575.0	-5.2	-6.4	281.2	14.0	13.8	-2.7	313.9	326.2	4.1	91.8	6.5	113.
14.4	54.6	4923.0	550.0	-7.8	-7.5	266.8	12.4	12.4	0.7	315.2	327.1	0.0	101.3	7.3	111.
15.5	57.8	5315.7	525.0	-7.8	-7.5	266.8	12.4	12.4	0.7	315.2	327.1	0.0	101.3	7.3	111.
17.0	61.0	5658.2	500.0	-5.7	-9.7	239.9	13.1	12.2	4.7	319.0	331.4	4.1	101.3	8.0	108.
18.4	63.4	6086.1	475.0	-12.2	-12.2	241.0	17.5	14.0	8.1	321.3	332.7	3.7	101.0	8.9	102.
19.7	67.8	6500.0	450.0	-15.7	-15.9	242.4	19.6	15.6	8.7	322.6	332.2	3.2	100.6	10.1	96.
20.9	71.3	6929.5	425.0	-16.4	-18.9	232.8	20.1	17.2	8.8	323.8	331.4	2.5	98.5	11.2	92.
22.4	74.8	7378.4	400.0	-22.1	-28.9	232.2	22.7	18.0	10.4	325.4	337.0	2.0	55.6	12.5	89.
23.9	78.7	7848.8	375.0	-25.7	-35.9	235.8	25.4	21.0	13.9	326.3	329.3	0.9	53.0	14.1	85.
25.7	82.7	8348.7	350.0	-28.6	-40.8	237.7	25.8	21.8	14.3	327.2	329.2	0.5	37.8	16.0	81.
27.6	86.7	8873.6	325.0	-32.3	-56.0	232.5	24.3	19.2	14.8	330.1	330.6	0.1	9.7	18.6	77.
29.7	91.0	9432.3	300.0	-37.0	-57.0	234.6	22.0	18.5	13.2	333.2	333.5	0.1	7.3	21.3	74.
31.9	95.5	10028.8	275.0	-41.3	-99.9	246.5	23.9	21.9	9.5	335.4	339.9	0.1	5.6	24.0	72.
34.4	100.3	10680.8	250.0	-46.7	-99.9	246.1	21.8	19.9	8.8	336.7	339.9	0.1	999.9	27.1	70.
36.9	105.3	11368.2	225.0	-51.3	-99.9	241.4	23.3	19.6	10.7	339.0	339.9	0.1	999.9	30.5	70.
40.0	110.8	12125.2	200.0	-82.9	-99.9	241.4	24.9	21.8	11.9	349.0	339.9	0.1	999.9	33.8	70.
43.0	118.8	12980.5	175.0	-55.5	-99.9	245.1	26.1	24.3	9.3	358.2	339.9	0.1	999.9	37.9	68.
46.6	123.3	13963.7	150.0	-56.7	-99.9	245.0	22.2	24.1	9.4	378.4	339.9	0.1	999.9	42.5	68.
50.4	130.0	15100.6	125.0	-62.5	-99.9	235.3	18.6	19.3	10.4	381.4	339.9	0.1	999.9	47.8	68.
53.6	138.0	16481.4	100.0	-60.8	-99.9	236.0	14.6	12.1	8.1	410.5	339.9	0.1	999.9	52.4	67.
61.8	168.5	18271.5	75.0	-60.4	-99.9	220.2	9.4	6.1	7.2	440.4	339.9	0.1	999.9	57.2	67.
70.4	195.5	20837.3	50.0	-55.6	-99.9	193.9	5.1	-2.2	4.6	512.6	339.9	0.1	999.9	61.5	66.
83.7	164.3	25357.7	25.0	-47.7	-99.9	111.3	5.6	-5.2	2.0	648.0	339.9	0.1	999.9	62.0	61.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE GE TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 942
NORTH PLATTE, NEBRASKA

7 JUNE 1979
1400 GMT

158 12. 0

TIME MIN	CHYCT	WEIGHT GPM	PRES HG	TEMP DG C	DEW PT EG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR WTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.9	847.0	908.9	16.7	12.8	320.0	5.7	3.7	-4.4	297.5	325.4	10.3	78.0	0.0	0.
00.9	99.9	1000.0	900.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.8	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
02.7	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
03.6	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
04.5	15.8	930.9	903.0	15.3	16.0	328.2	7.6	6.0	-6.5	297.1	327.2	11.3	91.8	0.3	155.
05.4	15.3	1168.7	875.0	13.1	12.2	328.5	8.5	4.8	-7.2	297.4	326.8	10.3	94.6	0.5	152.
06.3	23.8	1413.4	850.0	11.7	10.9	307.3	12.5	10.0	-7.6	298.4	324.3	9.7	94.7	1.0	147.
07.2	23.3	1623.7	825.0	12.5	6.1	227.4	6.2	6.0	5.5	301.2	321.1	7.2	66.8	1.8	134.
08.1	25.8	1972.2	800.0	12.0	5.6	198.4	3.4	1.1	3.3	304.0	324.0	7.2	65.0	1.5	135.
09.0	24.4	2187.7	775.0	10.5	3.2	229.0	1.7	1.7	0.3	305.1	322.7	6.2	60.5	1.7	132.
10.0	31.1	2460.3	750.0	9.4	-3.7	173.0	3.2	-0.4	3.2	307.0	318.3	3.9	19.0	1.7	131.
11.0	31.4	2748.0	725.0	8.0	-5.9	133.0	5.3	-0.4	4.7	306.2	318.4	3.4	36.7	1.3	129.
12.0	34.6	3026.7	700.0	6.2	-10.4	213.8	6.3	3.5	5.3	309.4	316.9	2.5	29.1	1.3	119.
13.0	39.3	3324.7	675.0	4.4	-18.8	232.4	6.6	5.2	4.0	310.4	314.7	1.3	16.6	1.5	102.
14.0	47.1	3633.0	650.0	3.8	-15.7	283.2	6.8	6.7	-1.2	312.4	317.8	1.7	21.7	1.7	95.
15.0	45.0	3949.1	625.0	0.5	-12.8	290.2	13.6	12.7	-4.7	313.0	320.1	2.3	36.2	2.3	101.
16.0	49.0	4275.8	600.0	-1.0	9.0	274.7	16.9	16.8	-1.4	315.0	324.9	3.2	54.3	3.4	101.
17.0	57.0	4614.8	575.0	-2.4	-15.1	274.3	18.9	18.8	-1.4	317.2	323.7	2.3	36.8	4.5	99.
18.0	54.0	4964.6	550.0	-4.2	-23.1	272.9	20.5	20.5	-1.0	319.1	322.6	1.1	21.3	5.7	98.
19.0	57.1	5330.9	525.0	-7.6	-21.5	269.8	21.0	21.0	0.4	319.2	323.6	1.3	31.7	7.3	97.
20.0	63.4	5707.7	500.0	-10.4	-16.5	263.0	21.7	21.6	2.6	320.4	327.2	2.1	61.0	9.0	95.
21.0	63.6	6101.8	475.0	-13.0	-14.7	254.4	20.7	19.9	5.5	321.5	330.0	2.6	86.9	10.6	92.
22.0	67.0	6512.7	450.0	-15.0	-16.5	246.0	20.2	18.6	7.9	324.4	332.0	2.3	82.4	12.3	89.
23.0	70.6	6948.3	425.0	-17.9	-14.9	240.2	18.7	18.2	9.3	326.3	332.7	2.0	91.9	13.7	86.
24.0	74.1	7394.0	400.0	-21.5	-20.9	232.9	22.6	18.0	13.6	327.8	339.8	0.9	67.1	15.2	83.
25.0	78.0	7867.9	375.0	-22.5	-49.9	233.3	27.9	22.3	16.7	330.2	339.5	0.2	6.7	17.4	79.
26.0	81.8	8368.9	350.0	-27.5	-54.0	237.8	26.9	23.4	14.2	331.8	332.2	0.1	5.9	19.9	76.
27.0	86.0	8852.6	325.0	-31.7	-56.7	250.4	26.4	23.0	13.1	333.8	333.3	0.1	6.3	22.7	74.
28.0	91.2	9458.8	300.0	-36.8	-50.4	238.7	26.2	22.4	13.6	334.7	334.8	0.0	6.7	25.6	72.
29.0	94.7	10055.9	275.0	-41.7	59.9	236.9	24.5	20.5	13.3	334.6	334.6	99.9	859.9	28.5	71.
30.0	99.4	10694.8	250.0	-46.5	59.9	232.8	24.0	20.0	13.1	337.6	339.9	55.9	555.9	31.7	69.
31.0	104.4	11390.8	225.0	-47.1	99.9	234.3	26.7	21.7	15.6	346.4	349.9	99.9	999.9	35.6	68.
32.0	109.8	12148.6	200.0	-49.6	99.9	234.2	27.0	21.9	15.0	354.2	359.9	99.9	999.9	39.6	66.
33.0	115.8	13032.5	175.0	-53.9	59.9	241.4	26.5	23.3	12.7	361.0	369.9	59.9	999.9	44.3	65.
34.0	122.0	14013.4	150.0	-57.7	99.9	245.6	25.2	22.2	10.1	370.4	379.9	99.9	999.9	49.3	65.
35.0	129.0	15139.6	125.0	-58.9	59.9	249.3	24.6	21.3	10.6	368.3	389.9	59.9	555.9	54.0	65.
36.0	136.8	16330.6	100.0	-61.9	99.9	234.7	17.6	14.4	10.2	408.2	399.9	99.9	999.9	58.6	64.
37.0	145.3	18339.7	75.0	-60.1	59.9	234.5	10.5	6.9	8.4	447.0	409.9	55.9	999.9	63.6	63.
38.0	154.5	20912.1	50.0	-54.2	59.9	164.2	6.2	-1.7	5.9	515.4	509.9	99.9	559.9	65.3	61.
39.0	163.7	25460.4	25.0	-45.6	99.9	999.9	99.9	99.9	99.9	654.0	609.9	99.9	999.9	64.5	59.

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

STATION NO. 962
NORTH PLATTE, NEBRASKA

7 JUNE 1979
1720 GMT

155 10. 0

TIME MIN	CNTCY	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG M	E POT V DEG K	WX RTO GM/KG	RM PCT	RANGE AZ KM	DG
0.0	16.3	837.0	912.0	20.0	10.7	350.0	7.2	1.3	-7.1	301.0	325.2	8.9	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
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
0.2	15.4	960.9	900.0	17.7	10.2	354.5	6.3	0.6	-0.2	299.6	323.4	8.7	61.2	0.4	172.
0.9	17.9	1200.8	875.0	14.7	8.9	353.8	7.0	0.7	-0.9	299.0	321.4	8.3	68.5	0.5	173.
1.0	20.3	1453.3	850.0	12.2	8.4	353.8	7.2	0.8	-7.2	299.0	321.4	8.2	77.2	0.8	173.
2.6	22.0	1655.1	825.0	10.0	7.9	353.2	6.7	0.8	-7.7	299.2	321.3	8.2	86.9	1.2	173.
3.6	25.3	1930.5	800.0	7.6	7.0	344.6	7.9	2.1	-7.6	299.3	320.6	7.9	96.3	1.7	173.
4.5	27.9	2212.1	775.0	7.1	-2.9	328.6	7.1	3.7	-8.0	301.2	313.2	4.1	50.7	2.1	170.
5.5	30.4	2481.9	750.0	7.0	-22.2	314.9	6.4	4.5	-8.5	304.2	308.3	1.4	16.3	2.4	165.
6.5	33.1	2700.3	725.0	7.0	-32.1	289.2	6.3	5.0	-1.7	307.1	308.3	0.4	4.2	2.7	160.
7.6	35.8	3037.5	700.0	9.0	-19.5	252.7	9.7	5.5	1.7	309.1	311.6	1.2	15.0	2.8	156.
8.7	38.4	3333.3	675.0	4.1	-23.7	238.2	5.6	4.7	2.9	310.2	312.2	0.9	12.6	2.9	146.
9.9	41.2	3689.2	650.0	2.4	-43.5	243.6	4.2	3.8	1.9	311.7	312.2	0.1	1.7	2.9	140.
11.0	44.1	3964.2	625.0	-0.3	-36.2	254.0	7.0	6.7	1.9	312.2	313.2	0.3	5.0	3.0	134.
12.2	47.0	4269.5	600.0	-1.9	-25.9	251.5	11.3	10.7	3.6	313.9	316.5	0.8	13.9	3.4	124.
13.5	50.0	4626.8	575.0	-3.9	-24.9	252.1	15.9	13.2	4.3	315.4	318.3	0.9	17.6	4.1	112.
14.6	52.9	4976.2	550.0	-6.5	-15.0	254.0	15.3	14.7	4.2	316.4	323.3	2.2	21.9	4.9	105.
16.0	56.0	5338.0	525.0	-9.3	-11.4	245.6	17.9	16.7	4.4	317.3	326.7	3.8	24.1	6.1	95.
17.5	59.1	5715.0	500.0	-10.8	-17.8	245.5	19.5	17.8	6.1	320.2	326.7	1.9	55.0	7.5	92.
19.0	62.4	6108.0	475.0	-13.5	-22.3	240.4	19.8	17.2	9.8	321.3	325.7	1.3	47.6	9.2	84.
20.5	65.7	6517.0	450.0	-16.4	-26.5	243.0	21.2	18.9	9.6	322.2	325.6	1.0	42.0	10.0	82.
22.0	69.1	6933.7	425.0	-20.1	-22.8	249.1	24.0	21.3	8.1	323.2	327.5	1.4	79.2	12.6	80.
23.5	72.7	7390.8	400.0	-22.2	-31.1	245.5	24.9	22.7	10.4	326.2	328.7	0.7	46.1	14.8	78.
25.1	76.3	7864.2	375.0	-24.2	-46.6	236.6	26.2	24.7	10.3	329.2	330.2	0.1	10.5	17.5	76.
27.1	80.1	8363.1	350.0	-26.3	-49.5	233.7	27.2	22.0	10.4	330.2	331.1	0.1	10.9	20.7	72.
29.0	84.0	8865.5	325.0	-33.0	-53.0	233.7	27.2	22.0	10.1	331.2	331.5	0.1	11.3	23.7	69.
31.0	88.2	9407.6	300.0	-37.5	-55.1	235.7	27.1	22.4	15.2	332.2	332.8	0.1	13.9	26.9	67.
33.1	92.5	10031.8	275.0	-43.3	59.9	237.1	28.0	23.5	15.2	334.0	334.0	99.9	959.9	30.3	64.
35.7	97.2	10682.4	250.0	-43.4	99.9	236.2	28.6	23.8	18.9	341.6	339.9	99.9	959.9	34.8	63.
39.6	102.0	11388.3	225.0	-45.1	99.9	227.9	30.5	22.6	20.4	349.4	339.9	99.9	959.9	39.5	63.
41.1	107.2	12164.9	200.0	-51.8	99.9	230.8	33.3	25.0	20.4	351.3	339.9	99.9	959.9	44.1	62.
44.1	112.8	13027.6	175.0	-53.1	99.9	236.1	32.9	24.0	16.1	362.2	339.9	99.9	959.9	49.7	61.
47.4	118.8	14008.6	150.0	-57.8	99.9	240.4	25.3	22.0	15.8	370.4	339.9	99.9	959.9	54.9	61.
51.5	125.5	15155.6	125.0	-65.9	99.9	249.5	19.1	12.2	14.7	384.7	339.9	99.9	959.9	60.3	60.
56.3	133.0	16540.4	100.0	-77.9	99.9	223.3	16.4	11.2	11.9	415.8	339.9	99.9	959.9	65.6	59.
62.4	141.7	18342.9	75.0	-86.4	99.9	210.3	10.8	5.4	9.3	450.6	339.9	99.9	959.9	72.4	58.
70.4	151.3	20119.5	50.0	-95.0	99.9	168.8	7.1	-1.4	7.1	488.2	339.9	99.9	959.9	78.9	57.
83.0	161.7	25478.3	25.0	-145.0	99.9	140.9	5.0	-3.7	4.5	623.2	339.9	99.9	959.9	78.9	52.

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

STATION NO. 542
NORTH PLATTE, NEBRASKA

7 JUNE 1979
2806 GMT

TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT T DEG K	WX RTO GM/KC	RM PCY	RANGE KM	AZ DEG
0.0	14.7	647.8	913.6	20.8	9.0	360.0	5.7	0.0	-5.7	306.2	322.3	7.9	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	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	15.9	975.5	900.0	17.3	8.3	357.6	6.9	0.4	-6.9	299.3	320.3	7.7	55.7	0.3	191.
1.1	18.4	1215.0	875.0	14.5	6.7	347.7	7.0	1.5	-6.8	298.5	318.3	7.1	59.4	0.6	182.
2.1	23.8	1459.4	850.0	12.4	6.0	347.1	7.3	1.8	-7.1	299.2	318.2	6.9	64.8	1.0	175.
2.9	23.3	1709.2	825.0	10.3	5.7	344.9	6.1	2.1	-7.8	299.5	318.7	7.0	73.1	1.3	173.
4.0	25.9	1964.5	800.0	7.7	5.4	343.6	7.6	2.4	-7.3	299.4	318.7	7.1	82.1	1.6	170.
5.0	28.4	2226.0	775.0	5.9	0.6	340.9	7.6	1.7	-7.4	300.2	318.9	5.3	69.8	2.3	169.
6.0	31.0	2454.4	750.0	4.1	-18.0	331.4	6.6	3.2	-5.8	303.2	307.6	1.5	16.7	2.7	169.
7.1	33.7	2772.3	725.0	2.3	-24.7	301.7	5.7	6.9	-3.0	306.4	308.7	0.7	6.6	3.0	165.
8.1	40.3	3059.4	700.0	0.5	-15.7	286.8	7.6	7.3	-2.2	308.4	313.6	1.6	20.1	3.3	159.
9.2	49.1	3355.0	675.0	2.6	-12.6	284.9	7.9	7.7	-2.0	308.6	315.2	2.2	31.6	3.7	152.
12.3	41.8	3655.4	650.0	0.9	-16.2	277.8	6.3	6.2	-0.8	310.1	315.3	1.7	26.7	4.0	147.
11.2	44.7	3973.5	625.0	-1.3	-23.1	250.1	5.1	4.8	1.7	311.0	315.0	0.9	17.1	4.1	144.
12.2	47.5	4287.4	600.0	-3.6	-21.2	223.3	6.7	6.6	.9	312.0	315.6	1.2	24.5	4.1	139.
13.6	47.5	4631.7	575.0	-6.5	-14.3	217.7	9.7	5.9	.7	312.2	319.1	2.2	24.5	4.1	139.
15.2	51.5	4980.1	550.0	-6.2	-8.9	206.8	17.4	7.9	15.5	316.7	328.0	3.7	65.4	4.1	113.
16.3	56.6	5343.9	525.0	-7.7	-8.0	206.8	22.9	10.3	20.4	319.2	330.6	3.7	90.8	4.4	94.
17.4	59.8	5721.9	500.0	-10.7	-12.1	211.6	26.7	14.0	22.7	320.6	329.5	3.0	65.3	5.3	78.
14.5	61.0	6115.1	475.0	-13.0	-13.7	216.3	28.5	16.9	23.0	321.5	330.8	2.8	94.5	6.8	67.
20.2	66.4	6575.8	450.0	-15.5	-17.5	224.4	28.1	19.6	20.1	323.6	330.8	2.2	84.9	9.3	59.
21.6	65.9	6955.4	425.0	-18.4	-20.1	233.0	25.6	23.4	15.4	325.4	331.4	1.6	65.9	11.7	57.
23.7	73.4	7405.5	400.0	-21.7	-22.8	234.0	25.6	26.8	15.1	326.8	331.9	1.5	91.0	14.0	57.
24.8	77.0	7877.9	375.0	-25.0	-26.3	238.4	24.0	28.0	13.3	328.5	332.5	1.2	65.2	16.4	56.
24.6	80.9	8376.4	350.0	-28.7	-30.6	244.4	26.1	23.9	11.3	330.1	331.2	0.3	31.2	19.1	57.
28.3	84.8	8907.8	325.0	-32.5	-36.2	249.9	27.8	24.7	12.6	331.6	332.6	0.2	24.0	21.8	55.
33.4	89.0	9461.1	300.0	-37.5	-40.6	241.1	25.3	23.7	14.2	332.5	333.1	0.1	26.5	25.3	54.
32.5	93.5	10056.3	275.0	-40.1	-39.9	237.4	32.5	27.4	17.5	337.1	339.9	99.9	99.9	29.3	54.
36.7	98.2	10705.0	250.0	-42.5	-39.9	233.0	33.0	26.4	19.9	343.0	347.3	99.9	99.9	33.5	54.
37.0	103.0	11409.8	225.0	-46.5	-38.0	232.0	33.5	26.4	20.6	347.3	349.9	99.9	99.9	38.1	57.
39.9	108.4	12186.1	200.0	-50.2	-36.2	236.0	35.8	29.4	20.5	353.7	359.9	99.9	99.9	44.2	57.
42.9	114.3	13051.1	175.0	-52.7	-34.4	237.4	27.6	23.5	15.0	363.0	359.9	99.9	99.9	49.7	57.
46.3	120.4	14035.4	150.0	-57.5	-32.5	240.6	25.0	22.6	12.7	371.1	359.9	99.9	99.9	55.4	57.
50.3	127.5	15178.6	125.0	-61.2	-30.9	232.4	26.9	18.5	12.7	384.1	359.9	99.9	99.9	60.7	57.
55.1	135.3	16556.5	100.0	-60.3	-28.3	222.3	17.3	11.6	12.0	411.3	359.9	99.9	99.9	65.9	56.
61.0	144.0	18160.8	75.0	-55.0	-25.0	220.7	10.5	9.4	8.0	449.2	359.9	99.9	99.9	71.3	55.
69.1	153.5	20322.6	50.0	-53.4	-20.7	185.3	6.8	0.6	6.5	517.7	359.9	99.9	99.9	73.9	54.
81.2	163.0	24667.0	25.0	-46.5	-12.5	127.5	5.1	-4.1	3.1	651.0	359.9	99.9	99.9	75.3	51.

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

STATION NO. 562
NORTH PLATTE, NEBRASKA

7 JUNE 1979
2309 GMT

107 3. 0

TIME MIN	CHICT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO GR/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.5	667.0	919.0	17.2	7.3	30.0	7.7	-3.8	-6.7	297.5	317.1	7.0	52.8	0.0	0.
99.0	99.9	99.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	99.9	999.9	999.
99.0	99.9	99.9	975.0	55.8	57.9	59.9	55.5	99.9	99.9	99.5	599.9	95.9	99.9	999.9	999.
99.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.
99.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	999.9	99.9	99.9	999.9	999.
0.3	14.8	978.6	902.0	15.4	7.3	99.9	99.9	99.9	99.9	297.4	316.8	7.1	78.4	999.9	999.
0.9	17.1	1216.6	875.0	13.4	6.1	99.9	99.9	99.9	99.9	257.7	216.2	6.8	61.4	999.9	999.
1.5	19.4	1660.0	850.0	11.0	5.5	59.9	99.9	55.5	99.9	297.7	215.9	6.7	60.9	999.9	999.
2.1	21.8	1798.5	825.0	8.7	5.5	99.9	99.9	99.9	99.9	297.2	216.6	6.9	60.3	999.9	999.
2.8	24.1	1927.7	800.0	6.6	4.7	99.9	99.9	99.9	99.9	298.2	216.6	6.7	60.2	999.9	999.
3.7	26.5	2123.7	775.0	4.5	-0.8	99.9	99.9	99.9	99.9	300.2	214.1	4.7	60.2	999.9	999.
4.7	29.0	2493.0	750.0	2.3	-3.9	99.9	99.9	99.9	99.9	303.2	214.7	3.8	47.1	2.3	181.
5.7	31.5	2771.5	725.0	0.2	-0.7	311.2	7.4	5.6	-4.9	306.2	220.8	5.0	61.0	2.7	175.
6.6	34.0	3054.7	700.0	4.6	-3.0	290.3	3.4	3.2	-1.2	307.5	320.6	6.4	57.6	2.9	170.
7.5	36.6	3354.0	675.0	3.3	-10.3	208.1	4.2	1.8	3.8	309.2	217.3	2.6	37.1	2.9	168.
8.5	39.2	3659.6	650.0	2.5	-19.2	194.4	10.3	2.6	9.9	311.5	216.5	1.5	21.2	2.5	165.
9.5	41.9	3975.6	625.0	0.3	-4.0	198.8	14.9	4.8	14.1	212.4	326.3	4.6	73.0	1.9	150.
10.9	44.7	4302.7	600.0	-0.6	-2.4	210.3	17.3	8.7	14.9	215.4	331.3	5.4	87.6	1.5	106.
12.0	47.4	4642.6	575.0	-2.5	-3.6	219.4	20.2	12.8	15.6	217.5	332.2	5.0	91.1	2.2	76.
12.9	50.3	4706.0	550.0	-5.8	-5.0	222.5	21.9	14.8	16.2	218.2	332.7	4.8	100.7	3.2	64.
14.0	53.1	5359.0	525.0	-7.1	-4.4	229.1	23.3	16.5	16.4	219.5	331.9	3.9	90.9	4.7	57.
15.2	56.1	5737.5	500.0	-5.8	-17.3	229.4	23.5	17.9	15.3	221.1	327.5	2.0	54.2	6.4	55.
16.5	59.3	6132.5	475.0	-11.5	-14.3	229.4	23.5	17.5	15.6	223.2	331.0	2.3	67.4	8.1	54.
17.7	62.4	6565.2	450.0	-14.1	-14.4	229.5	25.1	17.9	17.6	225.2	332.0	2.0	69.9	10.0	52.
19.1	65.6	6977.1	425.0	-16.9	-27.8	230.1	26.4	20.2	16.9	227.2	332.1	1.4	60.3	12.1	51.
20.6	69.0	7429.8	400.0	-19.3	-28.9	230.9	26.9	23.3	13.5	229.5	333.0	0.9	42.3	14.4	52.
22.2	72.4	7906.3	375.0	-23.1	-36.6	246.4	29.5	27.4	11.9	231.1	332.7	0.4	27.6	17.1	54.
23.9	76.1	8406.7	350.0	-26.4	-36.0	245.0	29.5	26.0	13.8	233.1	335.0	0.5	39.7	19.9	55.
25.6	79.8	8939.4	325.0	-31.3	-36.6	236.6	32.4	27.6	16.9	233.2	335.4	0.5	59.2	22.8	56.
27.4	83.8	9503.1	300.0	-34.7	-40.9	236.6	33.0	27.6	18.2	234.5	334.8	0.3	52.6	26.8	56.
29.3	87.9	10108.0	275.0	-38.7	-48.7	236.8	33.8	27.6	19.5	239.2	334.8	0.2	34.1	30.6	56.
31.6	92.3	10758.3	250.0	-40.9	-59.9	236.6	36.7	29.9	21.2	245.1	599.8	98.9	99.9	35.4	56.
34.1	97.0	11471.2	225.0	-42.1	-59.9	236.6	39.3	32.5	22.2	249.6	599.9	99.9	99.9	41.0	56.
36.7	102.0	12223.6	200.0	-45.1	-59.9	236.6	39.0	33.2	20.4	251.4	599.9	99.9	99.9	47.2	56.
39.6	107.4	13165.2	175.0	-50.2	-59.9	241.4	35.7	31.3	17.1	267.0	599.9	99.9	99.9	53.8	57.
42.7	113.3	14138.2	150.0	-52.9	-59.9	233.1	34.8	28.5	19.9	273.2	599.9	99.9	99.9	60.2	57.
46.3	119.8	15289.0	125.0	-60.1	-59.9	242.0	26.4	22.1	12.1	286.3	599.9	99.9	99.9	66.7	57.
50.4	127.0	16668.9	100.0	-64.5	-60.9	236.4	28.3	21.6	18.1	293.1	599.9	99.9	99.9	73.5	57.
55.4	135.0	18448.3	75.0	-66.9	-60.9	236.1	19.5	16.5	11.1	445.2	599.9	99.9	99.9	81.0	56.
61.4	143.3	20066.3	50.0	-59.0	-59.9	225.1	20.1	14.2	14.2	504.9	599.9	99.9	99.9	87.8	56.
69.2	152.0	25322.2	25.0	-85.7	-59.9	228.8	29.4	22.1	19.4	624.4	599.9	99.9	99.9	95.7	55.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME PAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 362
NORTH PLATTE, NEBRASKA
0 JUNE 1979
200 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP OC C	DEP PT CC C	DIR DG	SPEED M/SEC	J-COMP M/SEC	V-COMP M/SEC	POT Z CG M	E-POT Y CG M	MX RTO CM/KG	RM PCT	RANGE AZ KM	AZ DG
0.0	13.9	847.0	910.7	14.4	5.5	30.0	3.6	-1.0	-3.1	296.8	211.3	6.2	55.0	0.6	0.
99.9	99.9	1000.0	1000.0	55.9	59.9	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	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	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
0.5	18.7	1020.5	900.0	17.5	5.9	999.9	59.9	99.9	99.9	294.4	311.9	6.5	67.6	699.9	999.9
1.7	19.1	1566.7	875.0	10.4	5.7	999.9	99.9	99.9	99.9	294.6	312.4	6.6	72.5	999.9	999.9
2.1	23.5	1657.1	850.0	6.2	5.4	999.9	99.9	99.9	99.9	294.7	312.6	6.6	82.6	999.9	999.9
2.9	23.0	1743.1	825.0	6.2	3.2	9.4	10.0	-1.6	-9.9	295.1	311.1	5.9	81.5	1.4	150.
3.4	25.6	1944.0	800.0	4.5	1.8	5.0	18.5	-2.0	-12.4	296.0	311.0	5.5	82.5	2.1	150.
4.6	24.1	2253.9	775.0	5.1	-3.6	4.0	10.6	-0.7	-10.5	299.2	309.8	3.7	52.4	2.7	189.
6.2	33.7	2521.3	750.0	7.2	-4.6	1.9	7.8	-0.3	-7.8	300.0	310.4	3.6	56.5	3.1	188.
6.7	33.3	2754.4	725.0	1.7	-0.2	2.0	4.9	-0.2	-4.9	301.2	315.6	5.1	64.9	3.4	187.
7.2	36.0	3076.1	700.0	1.0	0.1	60.1	3.1	-2.7	-1.5	303.6	319.2	5.5	94.2	3.6	196.
9.2	34.9	3371.0	675.0	0.4	-0.7	127.8	5.0	-4.0	3.1	306.1	321.5	2.4	92.4	3.6	193.
9.2	41.6	3673.4	650.0	-1.2	-7.1	159.7	10.1	-3.5	9.5	307.7	316.2	3.6	65.8	3.3	196.
13.7	44.4	3974.1	625.0	-1.2	-1.2	165.6	16.6	1.7	16.9	311.1	327.5	5.6	103.2	2.6	203.
11.2	47.1	4131.2	600.0	-0.8	-1.8	99.9	99.9	99.9	99.9	315.2	332.9	6.0	103.2	1.5	206.
12.4	50.1	4452.5	575.0	-2.7	-2.7	499.9	99.9	99.9	99.9	318.6	333.3	5.5	102.7	599.9	599.9
13.4	51.3	4734.6	550.0	-4.7	-4.7	599.9	99.9	99.9	99.9	319.7	332.6	4.9	102.7	999.9	999.9
14.4	54.4	5069.6	525.0	-7.3	-7.3	999.9	99.9	99.9	99.9	319.7	332.6	4.2	102.7	999.9	999.9
15.7	59.5	5482.5	500.0	-5.8	-9.8	99.9	55.5	99.9	99.9	321.1	332.4	3.6	102.0	999.9	999.9
17.2	62.8	6142.3	475.0	-12.6	-13.7	222.8	26.3	17.9	19.3	322.4	331.3	2.8	91.4	6.8	41.
14.5	66.1	6533.9	450.0	-15.5	-16.8	228.9	26.6	18.7	18.8	323.7	331.7	2.3	89.8	9.0	41.
20.1	69.6	6973.7	425.0	-18.7	-19.7	229.1	27.1	20.5	17.7	325.0	331.1	1.9	51.7	11.5	43.
21.5	73.0	7412.4	400.0	-22.3	-26.3	234.1	26.2	23.6	17.1	326.0	329.8	1.1	69.8	13.8	44.
23.7	76.7	7903.0	375.0	-26.3	-26.3	232.1	25.7	23.6	18.2	326.6	328.7	0.5	42.9	16.8	46.
24.7	81.6	8397.7	350.0	-30.6	-44.6	231.9	29.2	22.6	19.1	327.4	328.2	0.2	23.7	19.5	47.
26.5	84.6	8920.4	325.0	-34.4	-51.0	231.6	32.6	26.2	19.3	329.2	329.7	0.1	16.6	22.7	47.
28.5	87.9	9476.7	300.0	-37.4	-55.5	231.3	34.1	27.4	20.4	332.7	332.9	0.1	13.0	26.7	49.
33.7	93.2	10373.6	275.0	-40.2	-59.9	229.5	36.6	26.0	20.0	337.0	339.9	0.1	999.9	31.4	49.
33.1	97.8	10720.1	250.0	-41.4	-59.9	234.1	34.2	27.0	21.0	341.6	339.9	0.1	999.9	36.5	49.
35.7	132.8	11422.4	225.0	-48.3	-59.9	234.1	35.2	26.5	20.6	344.2	339.9	0.1	999.9	41.8	50.
38.7	149.0	12153.4	200.0	-50.9	-59.9	237.7	37.1	31.4	19.6	348.2	339.9	0.1	999.9	48.1	50.
41.7	113.8	13066.5	175.0	-53.7	-59.9	235.1	22.2	22.3	19.5	341.2	339.9	0.1	999.9	54.5	51.
45.0	123.0	14040.0	150.0	-57.6	-59.9	236.9	22.1	16.5	18.0	370.5	339.9	0.1	999.9	58.8	51.
49.3	127.0	15170.6	125.0	-63.9	-59.9	233.5	22.7	16.7	18.3	379.4	339.9	0.1	999.9	63.4	52.
53.7	135.0	16549.0	100.0	-60.9	-59.9	210.1	18.6	8.3	14.4	410.1	339.9	0.1	999.9	69.4	51.
59.8	148.0	18140.2	75.0	-61.6	-59.9	157.8	9.0	2.8	6.6	443.7	339.9	0.1	999.9	72.7	51.
67.5	151.7	20489.5	50.0	-67.2	-59.9	182.8	6.9	0.3	6.9	508.6	339.9	0.1	999.9	75.4	50.
83.7	161.7	25372.7	25.0	-60.5	-59.9	124.6	6.2	-5.1	3.5	630.6	339.9	0.1	999.9	75.9	47.

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 822
NORTH PLATTE, NEBRASKA
8 JUNE 1979
503 GMT

ISS 14.0

TIME MIN	CHTC	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	NR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	13.0	807.0	919.4	12.7	6.1	10.0	5.1	-0.9	-7.0	292.0	310.0	6.4	66.0	0.0	0.0
00.0	99.0	99.0	1000.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.0	99.0	975.0	98.9	99.9	99.8	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.0	99.0	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
00.0	99.0	99.0	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
00.0	99.0	99.0	900.0	10.6	7.2	18.0	11.4	-3.3	-10.0	292.2	311.4	7.1	79.4	0.4	19.3
00.0	99.0	99.0	875.0	9.1	4.7	16.2	13.1	-3.7	-12.0	293.2	309.2	6.1	73.7	0.9	19.5
00.0	99.0	99.0	850.0	6.3	3.8	15.5	12.5	-3.3	-12.0	294.5	310.9	5.9	73.8	1.6	19.5
00.0	99.0	99.0	825.0	7.2	2.7	16.7	10.9	-3.1	-10.5	296.3	311.7	5.7	73.0	2.3	19.5
00.0	99.0	99.0	800.0	7.1	2.6	16.8	8.1	-2.1	-7.8	298.7	314.7	5.8	72.8	2.8	19.6
00.0	99.0	99.0	775.0	5.7	2.6	33.0	7.3	0.9	-7.2	300.6	316.6	6.0	80.3	3.1	19.5
00.0	99.0	99.0	750.0	3.2	2.0	32.0	8.7	4.5	-7.5	300.1	316.6	5.9	91.8	3.5	19.1
00.0	99.0	99.0	725.0	1.5	0.9	32.8	8.2	4.9	-6.6	301.1	316.6	5.6	55.7	3.8	19.5
00.0	99.0	99.0	700.0	0.4	-1.0	32.7	4.4	2.9	-3.7	302.0	316.5	5.1	56.0	4.1	19.2
00.0	99.0	99.0	675.0	-1.9	-2.4	23.2	1.4	1.3	0.6	303.6	317.1	4.7	55.8	4.2	18.1
00.0	99.0	99.0	650.0	-4.1	-5.7	17.6	5.2	-0.8	5.2	304.2	316.3	4.2	95.5	4.1	18.1
00.0	99.0	99.0	625.0	-2.2	-3.8	19.0	12.1	2.3	11.9	308.0	322.3	4.6	69.6	3.6	19.1
00.0	99.0	99.0	600.0	-1.3	-1.8	20.1	18.6	7.9	16.8	314.7	321.2	5.6	95.9	2.6	17.2
00.0	99.0	99.0	575.0	-2.9	-3.5	21.7	19.0	10.7	16.6	316.4	322.0	5.2	95.7	1.6	14.0
00.0	99.0	99.0	550.0	-5.0	-3.7	22.6	22.4	14.4	17.0	318.1	332.0	4.6	95.4	2.0	9.8
00.0	99.0	99.0	525.0	-7.2	-7.9	22.2	26.0	18.8	18.0	319.8	332.1	4.0	94.7	3.4	6.9
00.0	99.0	99.0	500.0	-6.8	-9.6	22.1	27.3	20.0	18.6	322.2	333.8	3.7	94.0	5.2	6.1
00.0	99.0	99.0	475.0	-11.5	-12.4	22.2	28.8	20.4	20.3	323.7	333.6	3.1	93.3	7.2	5.7
00.0	99.0	99.0	450.0	-15.6	-17.0	22.6	30.7	22.3	21.1	323.7	330.9	2.2	88.8	9.9	5.4
00.0	99.0	99.0	425.0	-15.7	-20.4	23.6	30.6	23.0	19.4	323.6	327.3	1.0	55.0	12.7	5.3
00.0	99.0	99.0	400.0	-22.0	-28.3	23.2	31.3	23.0	21.3	325.6	327.6	0.6	37.0	15.9	5.2
00.0	99.0	99.0	375.0	-26.6	-40.3	24.6	30.9	21.7	22.0	326.6	327.0	0.1	9.4	19.5	5.1
00.0	99.0	99.0	350.0	-25.7	-37.3	25.8	31.2	20.4	23.7	328.7	330.1	0.6	42.8	23.1	5.0
00.0	99.0	99.0	325.0	-32.4	-37.2	23.2	28.6	17.6	23.9	332.6	333.7	0.5	61.2	26.1	4.8
00.0	99.0	99.0	300.0	-37.3	-42.4	21.9	30.7	17.5	25.2	332.6	333.9	0.3	58.7	29.4	4.6
00.0	99.0	99.0	275.0	-40.9	-42.9	21.5	26.0	23.4	28.4	336.6	339.9	99.9	559.9	32.9	4.5
00.0	99.0	99.0	250.0	-44.8	-48.8	23.3	40.5	27.8	29.3	339.7	339.9	99.9	999.9	38.8	4.5
00.0	99.0	99.0	225.0	-50.5	-50.6	23.4	39.5	27.1	27.7	341.1	339.9	99.9	999.9	46.3	4.5
00.0	99.0	99.0	200.0	-51.7	-50.9	23.6	40.8	26.1	23.1	351.6	339.9	99.9	999.9	53.6	4.5
00.0	99.0	99.0	175.0	-52.1	-50.9	24.1	30.2	28.4	15.2	364.0	339.9	99.9	999.9	60.6	4.7
00.0	99.0	99.0	150.0	-52.8	-50.9	23.0	25.0	17.7	17.6	368.7	339.9	99.9	999.9	66.7	4.8
00.0	99.0	99.0	125.0	-51.1	-50.9	21.8	21.6	11.4	18.4	380.2	339.9	99.9	999.9	78.4	4.7
00.0	99.0	99.0	100.0	-51.9	-50.8	20.9	16.0	6.9	13.4	404.4	339.9	99.9	999.9	88.9	4.5
00.0	99.0	99.0	75.0	-61.2	-50.9	21.3	16.3	4.9	13.6	444.2	339.9	99.9	999.9	91.4	4.5
00.0	99.0	99.0	50.0	-54.6	-50.9	17.6	9.4	-1.1	9.3	510.2	339.9	99.9	999.9	93.8	4.6
00.0	99.0	99.0	25.0	-45.8	-45.8	14.5	3.6	-3.3	1.5	641.4	339.9	99.9	999.9	93.3	4.1

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

STATION NO. 862
NORTH PLATTE, NEBRASKA

8 JUNE 1979
002 GMT

107 34. 9

TIME MIN	CMTC	WTS(M)	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG M	E POT T DG M	WX RTO GM/KG	RM PCT	RANGE NM	AZ DG
00	13.8	947.0	920.4	11.1	7.2	360.0	2.1	0.0	-2.1	291.1	309.8	7.0	77.0	0.0	0.
00	09.9	999.9	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
01	09.9	999.9	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
02	09.9	999.9	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
03	09.9	999.9	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
04	15.6	1033.3	900.0	0.6	7.6	999.9	99.9	99.9	99.9	290.4	309.6	7.3	53.6	0.1	176.
05	18.0	1265.9	875.0	7.0	6.2	999.9	99.9	99.9	99.9	291.0	309.6	6.8	93.7	99.9	99.9
06	20.6	1503.9	850.0	5.2	4.1	999.9	99.9	99.9	99.9	291.6	307.8	6.1	92.9	99.9	99.9
07	22.8	1747.6	825.0	4.9	4.1	999.9	99.9	99.9	99.9	293.2	310.7	6.3	94.9	99.9	99.9
08	25.3	1909.6	800.0	5.3	4.6	999.9	99.9	99.9	99.9	296.4	314.9	6.7	95.4	99.9	99.9
09	27.8	2258.9	775.0	4.0	3.1	999.9	99.9	99.9	99.9	298.1	315.1	6.2	94.3	99.9	99.9
10	30.3	2525.4	750.0	2.4	1.5	999.9	99.9	99.9	99.9	299.2	315.0	5.7	93.9	99.9	99.9
11	32.9	2759.1	725.0	1.1	0.2	999.9	99.9	99.9	99.9	300.7	315.7	5.4	94.1	99.9	99.9
12	35.3	3081.5	700.0	0.3	-0.4	99.9	11.3	-11.1	-13.6	302.8	317.9	5.3	95.4	3.8	205.
13	37.1	3372.9	675.0	-1.3	-1.9	23.6	2.0	-1.0	-2.4	306.2	318.3	4.9	95.3	4.2	203.
14	40.9	3673.6	650.0	-2.6	-3.4	163.1	3.5	-1.0	3.4	306.1	319.3	4.6	93.9	4.2	203.
15	43.7	3965.6	625.0	-2.6	-3.4	162.2	10.3	0.4	10.2	309.5	323.5	4.8	93.6	3.6	206.
16	46.4	4310.1	600.0	-2.7	-3.5	148.6	13.5	4.3	12.6	313.1	327.6	4.9	93.6	2.8	213.
17	49.4	4647.0	575.0	-3.6	-4.6	229.3	16.9	11.3	9.7	315.7	329.7	4.7	92.9	1.3	210.
18	52.3	4996.3	550.0	-5.8	-7.0	249.6	20.5	16.5	8.8	317.2	329.7	4.1	91.0	1.3	109.
19	55.4	5161.9	525.0	-6.1	-9.5	249.0	26.2	18.1	8.8	318.7	329.6	3.5	85.4	4.3	75.
20	59.5	5340.0	500.0	-10.1	-11.7	230.9	19.4	16.6	10.0	320.4	330.6	3.1	86.2	7.7	70.
21	61.6	6134.5	475.0	-11.9	-13.6	226.6	26.4	14.8	14.0	323.2	332.2	2.8	87.0	10.0	66.
22	64.9	6386.6	450.0	-14.6	-16.5	224.0	23.1	16.1	16.6	324.5	332.5	2.3	85.6	12.5	61.
23	68.5	6777.7	425.0	-17.4	-19.7	221.7	21.0	14.5	15.1	326.6	332.9	1.9	82.4	15.4	58.
24	71.9	7429.5	400.0	-20.3	-22.7	217.9	21.3	13.1	16.8	328.4	333.8	1.5	80.6	17.7	56.
25	75.4	7904.4	375.0	-24.0	-26.9	215.3	22.3	12.9	18.2	329.4	333.7	1.1	76.3	20.2	53.
26	79.2	8504.4	350.0	-27.7	-31.0	205.4	27.1	13.3	23.6	331.2	334.3	0.8	73.1	23.5	50.
27	83.2	9033.4	325.0	-31.7	-35.0	206.0	29.7	10.2	27.9	333.1	335.2	0.6	72.1	26.8	47.
28	87.3	9464.5	300.0	-36.4	-40.0	196.7	30.4	8.7	29.1	334.1	335.2	0.4	68.4	30.6	43.
29	91.7	10091.3	275.0	-41.4	-45.9	192.4	37.2	10.2	30.6	335.2	335.2	0.4	68.4	30.6	43.
30	96.2	10730.8	250.0	-47.0	-51.9	204.7	33.1	13.9	30.1	336.2	336.2	99.9	99.9	38.7	38.
31	101.2	11422.0	225.0	-48.3	-59.9	216.4	40.4	27.1	31.6	344.2	339.9	96.9	99.9	52.0	35.
32	106.5	12193.1	200.0	-51.2	-59.9	231.2	37.3	29.1	23.4	331.7	339.9	99.9	99.9	71.4	38.
33	112.3	13057.4	175.0	-53.1	-59.9	231.3	42.9	33.2	26.6	362.4	339.9	99.9	99.9	51.7	41.
34	118.7	14080.5	150.0	-58.5	-60.9	231.1	28.3	18.9	15.3	369.2	339.9	99.9	99.9	101.7	43.
35	125.7	15170.0	125.0	-64.1	-60.9	205.9	23.1	10.5	20.6	378.9	339.9	99.9	99.9	109.1	42.
36	132.7	16335.7	100.0	-67.6	-59.9	242.7	23.3	14.9	10.2	397.2	339.9	99.9	99.9	116.2	42.
37	141.7	16303.3	75.0	-60.9	-59.9	240.0	12.0	6.4	6.4	445.3	339.9	99.9	99.9	126.8	42.
38	152.5	20447.2	50.0	-56.5	-59.9	599.9	99.9	99.9	99.9	810.4	339.9	99.9	99.9	559.9	99.9
39	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

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

STATION NO. 362
NORTH PLATTE, NEBRASKA

8 JUNE 1978
1100 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT 8 DEG K	E POT 7 DEG K	W P R TO CM/KG	RM PCT	RANGE AZ KM	AZ DEG
0.0	12.9	867.0	921.4	10.6	6.7	30.0	4.1	-2.0	-3.6	290.2	306.2	6.7	77.0	0.0	0.
00.0	00.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	00.0	99.9	575.8	95.8	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	00.0	99.9	950.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	00.0	99.9	925.6	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	14.9	1092.3	903.0	7.9	6.8	33.1	7.6	-6.2	-6.4	289.7	307.9	6.9	92.7	0.2	221.
1.6	17.3	1274.4	875.0	6.6	5.3	36.9	11.0	-6.6	-8.8	290.4	307.4	6.4	93.0	0.7	217.
2.4	19.4	1512.1	850.0	5.2	3.0	39.5	12.4	-7.7	-9.7	291.4	306.6	5.6	86.1	1.3	217.
3.3	22.0	1750.0	825.0	5.2	4.0	46.1	10.2	-7.4	-7.1	294.1	310.0	6.2	91.5	2.0	210.
4.3	24.5	2007.5	800.0	4.2	3.1	52.2	8.3	-6.0	-5.1	295.1	311.0	6.0	52.2	2.4	221.
5.2	27.0	2260.0	775.0	3.5	2.0	44.4	3.8	-5.6	-5.7	297.4	314.0	6.0	93.5	2.9	222.
6.1	29.5	2531.8	750.0	1.8	0.9	35.1	6.9	-3.9	-3.6	298.2	313.6	5.5	93.8	3.1	222.
7.0	32.0	2808.8	725.0	0.7	-0.2	24.2	4.8	-2.0	-4.1	300.3	314.9	5.2	93.4	3.7	221.
8.1	34.7	3097.2	700.0	0.1	-0.8	45.3	1.8	-1.3	-1.3	302.4	317.3	5.2	93.5	3.8	220.
9.1	37.2	3378.8	675.0	-0.5	-1.4	14.1	2.1	-0.6	2.0	305.1	319.7	5.1	93.7	3.9	220.
10.2	39.9	3688.5	650.0	-1.3	-2.2	207.2	7.3	3.4	6.5	307.2	321.9	5.0	93.7	3.6	222.
11.3	42.7	3993.5	625.0	-1.9	-2.8	226.8	13.6	9.9	9.3	310.2	324.8	5.0	93.7	2.9	223.
12.5	45.4	4318.0	600.0	-2.6	-3.6	238.0	19.7	13.5	8.1	312.2	326.8	4.6	93.1	1.8	215.
13.7	48.3	4654.2	575.0	-3.1	-4.3	242.2	14.0	12.4	6.5	314.0	325.4	3.8	83.1	0.9	182.
15.0	51.3	5002.6	550.0	-3.7	-5.1	242.2	16.5	14.6	7.7	315.4	326.2	3.5	86.1	1.1	117.
16.2	54.3	5344.4	525.0	-4.6	-6.1	228.3	17.1	12.0	11.4	318.4	326.9	3.5	92.3	2.0	82.
17.6	57.4	5741.7	500.0	-5.4	-7.1	223.8	18.9	13.1	13.6	319.2	326.8	2.4	73.4	3.2	67.
18.8	60.5	6132.7	475.0	-6.7	-8.2	225.9	22.5	16.1	15.8	319.4	322.8	0.7	25.5	4.7	60.
20.1	63.8	6500.0	450.0	-7.3	-9.2	228.6	23.4	17.9	15.4	321.5	323.3	0.5	24.3	6.5	56.
21.6	67.1	6985.9	425.0	-8.3	-10.6	233.9	23.5	19.0	13.8	322.9	325.3	0.7	36.1	8.5	55.
23.3	70.6	7412.9	400.0	-9.2	-12.3	229.2	23.3	17.6	15.2	326.8	329.0	0.9	54.9	11.0	55.
24.8	74.0	7884.7	375.0	-10.0	-14.0	211.2	23.1	12.0	19.0	328.2	331.4	0.8	82.8	13.0	53.
26.4	77.7	8383.8	350.0	-10.8	-15.7	205.8	26.8	11.3	23.4	330.0	332.3	0.6	64.3	15.3	48.
28.4	81.6	8908.9	325.0	-11.1	-17.4	203.3	27.7	11.0	25.5	331.8	332.8	0.4	59.4	18.2	45.
30.4	85.7	9466.4	300.0	-11.7	-19.1	199.4	31.1	10.3	28.5	334.8	333.2	0.2	51.3	21.3	41.
32.7	89.8	10061.1	275.0	-12.2	-20.9	206.9	32.4	14.6	28.9	336.2	339.9	999.9	999.9	25.6	37.
35.2	94.4	10703.8	250.0	-12.8	-22.8	213.1	39.1	21.4	37.8	341.0	399.9	999.9	999.9	30.8	36.
37.9	99.2	11408.4	225.0	-13.6	-24.8	214.6	43.4	24.9	35.6	345.9	399.9	999.9	999.9	37.6	36.
40.7	104.2	12100.4	200.0	-14.6	-26.9	219.5	43.3	27.5	33.4	3.8	399.9	2.9	955.9	45.0	36.
43.0	109.0	13339.7	175.0	-15.6	-29.0	217.0	48.0	24.1	31.9	35.1	599.9	99.9	599.9	53.0	37.
47.5	115.9	14014.6	150.0	-16.8	-31.1	225.1	33.4	23.6	23.6	348.2	999.9	99.9	999.9	61.1	37.
51.3	122.5	15187.6	125.0	-18.7	-33.3	216.0	25.4	15.2	20.4	381.2	999.9	99.9	999.9	47.8	38.
56.0	130.3	16512.7	100.0	-21.3	-35.9	234.1	18.3	14.6	10.7	405.2	999.9	99.9	999.9	73.8	38.
61.3	139.0	18289.1	75.0	-24.9	-39.0	210.1	10.9	5.5	9.5	449.4	599.9	99.9	99.9	79.9	37.
69.2	149.5	20850.4	50.0	-28.8	-42.8	145.5	7.4	-4.2	6.1	514.1	599.9	99.9	99.9	79.9	37.
80.9	180.5	25317.6	25.0	-48.8	-59.9	951.9	99.9	99.9	99.9	646.6	999.9	99.9	999.9	80.9	34.

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

STATION NO. 20
ADA, OKLAHMA
7 JUNE 1979
1111 GMT

138 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT DEG M	MR RTO G/MKG	RM PCT	RANGE KM	AZ DEG
0.0	9.8	312.0	964.9	22.4	21.4	189.0	2.9	-1.8	1.7	298.4	342.8	16.9	94.8	0.0	0.0
00.9	98.9	98.9	1008.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
01.4	13.8	467.0	975.0	65.8	59.9	98.9	98.9	98.9	98.9	40.8	98.9	98.9	98.9	98.9	98.9
1.4	13.8	701.3	925.0	23.8	22.9	191.5	15	3.1	18.3	301.4	351.2	18.9	98.7	0.4	35.3
2.3	16.2	941.0	905.0	23.0	21.7	202.8	17.4	6.9	16.5	302.5	350.8	18.0	92.2	1.2	10.0
3.1	16.2	1186.0	875.0	19.8	18.7	219.4	21.1	10.7	14.2	304.0	350.1	17.2	92.4	2.1	16.0
3.9	21.1	1436.3	850.0	15.3	14.3	231.0	24.6	15.4	19.2	304.0	348.9	15.8	92.1	3.2	23.0
4.7	23.7	1654.3	825.0	20.2	8.9	241.9	24.5	19.0	15.4	306.4	339.7	12.2	72.9	4.1	28.0
5.6	26.2	1955.3	800.0	18.5	8.1	239.6	21.4	18.4	10.6	310.5	338.2	8.5	58.8	5.4	35.0
6.5	28.8	2230.8	775.0	16.3	7.4	233.7	21.0	16.9	12.4	311.7	338.2	8.4	55.7	7.6	42.0
7.4	31.4	2509.1	750.0	13.8	6.0	229.8	21.2	16.2	13.7	311.7	338.3	7.9	58.8	6.7	44.0
8.4	34.1	2794.2	725.0	11.5	4.5	229.9	21.1	16.1	13.6	312.1	333.2	7.3	61.9	9.9	44.0
9.4	36.8	3046.6	700.0	8.8	2.9	231.9	23.1	16.2	14.3	312.2	331.8	6.8	65.8	11.3	45.0
10.4	39.4	3346.6	675.0	6.1	0.5	236.1	21.5	16.2	12.2	312.5	329.6	5.9	67.4	12.8	46.0
11.7	42.3	3655.4	650.0	5.0	-0.0	240.4	19.6	17.1	9.7	314.7	324.5	3.2	38.3	14.3	47.0
12.8	45.1	4114.3	625.0	2.7	-12.3	248.8	17.4	15.2	8.5	315.4	323.0	2.4	32.1	15.4	48.0
14.0	48.1	4343.0	600.0	-0.3	-9.5	241.7	17.5	15.6	6.4	315.4	323.3	3.1	49.7	16.6	48.0
15.2	51.1	4682.5	575.0	-2.4	-9.7	244.3	19.5	17.5	6.4	317.2	327.0	3.2	57.1	17.9	50.0
16.4	54.1	5034.0	550.0	-4.2	-16.1	248.8	18.9	17.4	7.5	319.1	325.4	2.0	35.0	19.3	51.0
17.7	57.3	5399.6	525.0	-6.0	-20.5	254.8	17.8	17.2	4.7	321.2	325.9	1.4	30.7	20.6	53.0
19.0	60.4	5780.0	500.0	-8.3	-34.8	253.8	17.9	17.5	3.5	322.5	324.3	0.4	9.6	21.9	54.0
20.3	63.6	6176.2	475.0	-10.9	-32.8	260.2	17.4	17.2	2.9	324.5	324.3	0.5	14.6	23.2	56.0
22.3	67.0	6589.6	450.0	-13.0	-34.3	258.1	14.7	14.4	3.0	326.6	328.5	0.5	14.7	24.6	57.0
23.7	70.4	7024.0	425.0	-14.7	-48.5	268.1	16.2	16.1	1.1	330.1	330.5	0.1	3.9	26.1	59.0
25.5	74.0	7479.5	400.0	-18.3	-53.2	268.2	18.5	16.5	0.5	331.2	331.5	0.1	2.9	27.6	61.0
27.4	77.7	7958.6	375.0	-21.4	-56.3	253.8	17.2	16.5	4.6	333.0	333.2	0.0	2.6	29.3	62.0
29.1	81.6	8464.0	350.0	-23.6	-65.4	253.3	21.2	20.3	6.1	337.0	337.1	0.0	1.0	31.2	63.0
31.0	85.5	9003.0	325.0	-27.0	-67.2	257.3	37.8	31.6	8.9	339.4	339.5	0.0	1.0	34.2	63.0
33.2	89.8	9576.6	300.0	-30.1	-69.2	257.4	42.8	41.8	9.3	343.0	343.1	0.0	1.0	39.0	65.0
35.7	94.2	10190.8	275.0	-34.5	-72.1	259.8	51.9	51.0	9.2	345.3	345.3	0.0	1.0	46.1	67.0
38.5	99.8	10950.0	250.0	-39.5	-75.5	258.6	60.99	59.7	12.0	347.4	347.4	0.0	1.0	55.5	69.0
41.0	103.8	11562.9	225.0	-45.2	-79.9	255.3	93.89	52.1	13.7	349.2	349.2	99.9	99.9	64.2	70.0
44.0	109.2	12337.7	200.0	-51.9	-79.9	250.0	92.49	45.4	18.0	350.4	350.4	99.9	99.9	73.6	71.0
47.2	115.0	13192.7	175.0	-57.6	-79.9	248.1	92.69	48.8	18.6	354.5	354.5	99.9	99.9	83.5	70.0
50.6	121.3	14150.0	150.0	-64.6	-79.9	251.8	49.29	46.7	15.4	358.5	358.5	99.9	99.9	94.2	70.0
54.3	128.3	15255.4	125.0	-68.5	-79.9	256.6	37.19	36.5	6.7	370.5	370.5	99.9	99.9	104.0	71.0
58.4	136.0	16586.6	100.0	-62.1	-79.9	99.9	99.9	99.9	99.9	396.2	396.2	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

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

STATION NO. 20
AOA, OKLAHOMA
7 JUNE 1979
1422 GMT

117 92. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MG	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 'T DC H	E POT 'T DC K	MZ RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.4	312.0	967.9	27.1	22.3	160.0	18.2	-3.5	9.6	303.1	350.0	17.8	75.0	0.0	0.
99.9	99.9	1800.0	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
99.9	99.9	975.0	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
0.7	10.6	477.0	950.0	23.0	21.3	191.2	11.6	2.2	11.3	302.7	351.1	18.2	84.5	0.7	5.
1.4	12.8	717.1	925.0	23.0	21.3	191.2	11.6	2.2	11.3	302.7	351.1	17.6	90.2	1.3	9.
2.2	15.1	951.4	900.0	21.3	20.1	209.0	20.2	9.5	17.8	303.4	348.2	16.7	95.3	2.2	18.
3.2	17.3	1196.6	875.0	20.9	17.8	228.2	22.2	16.6	14.8	305.2	345.8	14.9	92.6	3.3	22.
3.9	19.6	1488.9	850.0	20.6	12.7	235.4	23.1	19.9	11.7	309.2	340.5	11.0	53.6	4.2	30.
4.7	21.9	1728.6	825.0	21.5	9.7	236.8	19.6	16.4	10.7	311.4	337.5	9.2	46.7	5.1	36.
5.6	24.2	1976.9	800.0	19.8	7.9	230.1	18.2	14.3	11.9	312.2	336.3	6.4	46.0	6.0	34.
6.5	26.6	2247.7	775.0	17.7	6.0	231.0	16.9	12.5	12.5	312.0	336.2	7.6	46.3	7.1	42.
7.4	29.0	2527.0	750.0	15.2	4.8	230.6	14.5	11.9	11.9	313.1	338.1	7.2	42.7	8.2	42.
8.3	31.4	2813.7	725.0	12.9	4.1	231.3	10.4	8.3	11.3	313.6	338.3	7.1	51.2	9.5	43.
9.1	33.9	3107.7	700.0	10.6	4.0	240.8	10.0	6.8	4.9	314.2	335.4	7.3	63.7	9.5	43.
10.1	36.4	3409.9	675.0	7.9	3.0	250.3	8.4	6.3	2.0	314.2	335.1	7.1	70.9	10.0	44.
11.2	39.0	3720.1	650.0	5.1	-1.7	256.3	10.0	5.7	2.4	314.4	330.3	5.2	61.2	10.5	46.
12.2	41.6	4039.6	625.0	3.2	-6.9	249.7	10.9	10.2	3.8	316.1	327.2	3.6	47.4	11.0	48.
13.3	44.2	4369.5	600.0	1.3	-8.8	242.4	13.6	12.1	6.3	317.7	327.8	3.3	46.6	11.8	49.
14.5	47.0	4711.0	575.0	0.2	-20.0	250.9	12.7	12.0	4.1	320.2	322.1	0.5	8.1	12.8	50.
15.8	49.9	5065.0	550.0	-1.9	-24.4	268.4	10.9	10.9	0.3	321.5	325.1	1.0	15.8	13.5	52.
17.2	52.6	5433.5	525.0	-3.0	-23.6	271.6	12.2	12.2	-0.2	322.4	320.1	1.1	21.7	14.3	54.
18.4	55.3	5815.1	500.0	-4.5	-25.9	267.7	12.8	12.8	0.5	323.5	327.2	1.0	22.0	15.2	57.
20.2	59.4	6212.9	475.0	-6.5	-28.8	263.3	9.6	9.5	1.1	326.2	328.9	0.7	18.9	16.1	59.
21.9	61.5	6626.4	450.0	-12.0	-35.5	259.6	6.0	7.9	1.5	328.9	329.9	0.4	12.0	16.8	60.
23.3	64.6	7033.4	425.0	-18.9	-35.9	268.7	7.1	7.1	6.4	329.9	331.5	0.4	15.3	17.5	61.
25.1	67.9	7519.3	400.0	-17.4	-44.4	283.6	6.7	6.7	0.7	332.2	333.0	0.2	7.4	18.1	62.
26.9	71.1	7999.2	375.0	-21.3	-48.0	257.1	13.4	13.1	3.0	333.4	333.9	0.1	6.2	19.3	63.
29.0	74.6	8506.3	350.0	-23.9	-50.3	251.1	23.9	22.2	7.6	337.4	338.3	0.1	6.1	21.5	64.
31.3	78.2	9086.1	325.0	-25.4	-54.2	251.5	32.7	31.0	10.4	341.4	342.1	0.1	4.8	25.4	65.
33.7	82.0	9672.5	300.0	-25.1	-57.1	259.8	38.3	37.7	6.7	344.2	348.6	0.1	4.7	30.2	67.
35.9	85.8	10248.7	275.0	-33.0	-60.9	259.6	48.9	46.1	8.4	348.0	348.2	0.0	4.6	35.9	69.
38.4	90.0	10838.4	250.0	-31.8	-63.5	258.6	51.1	50.1	10.1	347.2	347.3	0.0	5.8	43.1	71.
41.1	94.3	11612.2	225.0	-44.7	-69.9	249.8	48.7	45.4	11.1	350.8	359.9	99.9	99.9	51.0	72.
44.4	9.0	12390.6	200.0	-50.3	-69.9	247.0	48.38	44.5	10.8	343.2	359.9	99.9	99.9	60.0	72.
47.8	134.0	13247.6	175.0	-54.8	-69.9	247.0	48.38	44.5	10.9	344.1	359.9	99.9	99.9	70.1	71.
51.0	109.5	14209.1	150.0	-63.8	-69.9	252.2	40.48	39.6	0.3	360.2	399.8	99.9	99.9	80.4	71.
54.7	115.5	15314.7	125.0	-69.3	-69.9	260.7	27.68	27.2	4.5	371.2	399.8	99.9	99.9	90.9	999.9
59.0	122.3	16633.6	100.0	-67.6	-69.9	950.9	99.9	99.9	99.9	367.1	596.9	99.9	99.9	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	99.9	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	99.9	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	99.9	999.9	999.9

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

STATION NO. 20
ADA, OKLAHOMA

7 JUNE 1979
1955 GMT

128 106- 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	POT 2 DG K	HL STD CM/KG	RM PCT	RANGE KM	AZ DG
0-0	9-7	312-0	968-3	38-0	22-4	160-0	10-0	-3-4	9-4	309-6	356-8	17-9	87-0	0-0	0-0
0-9	9-9	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
0-9	9-9	99-9	975-0	95-8	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	99-9	999-9	999-9
0-6	11-4	483-3	950-0	28-8	22-2	177-8	11-7	-6-5	11-7	306-3	355-3	16-1	87-5	0-5	34-5
1-5	13-7	720-8	925-0	24-4	21-6	161-4	12-3	6-3	12-3	306-3	355-2	16-1	76-0	1-1	35-3
2-4	16-1	962-7	906-0	23-9	21-5	167-5	13-6	1-8	13-5	306-3	355-4	16-3	66-5	1-8	35-7
3-4	14-5	1209-7	875-0	21-9	20-7	199-1	14-5	4-9	14-1	306-3	354-9	17-9	63-0	2-6	2-0
4-4	21-0	1462-1	850-0	22-6	11-6	221-7	17-2	11-5	12-9	309-8	353-5	10-2	50-8	3-5	10-0
5-5	23-4	1722-6	825-0	22-7	7-2	226-7	17-7	12-9	12-1	312-6	354-9	7-6	36-8	4-5	19-0
6-6	25-9	1909-4	800-0	20-5	5-0	224-4	18-7	13-1	13-3	313-0	354-0	7-3	38-3	5-5	24-0
7-6	28-5	2262-4	775-0	17-9	4-4	223-9	18-0	12-5	13-0	313-0	352-8	6-8	40-9	6-6	28-0
8-6	31-0	2581-9	750-0	16-0	1-3	220-3	19-3	9-9	11-7	313-6	350-6	5-6	36-9	7-6	30-0
9-6	33-6	2929-5	725-0	14-3	1-9	220-7	10-5	6-9	8-0	315-1	353-1	6-1	43-5	8-4	30-0
10-7	36-3	3124-9	700-0	11-6	3-3	226-3	6-8	4-9	4-7	315-4	353-8	7-0	56-5	6-9	31-0
11-8	39-0	3428-3	675-0	8-2	0-5	234-9	5-2	4-3	3-0	315-5	353-4	5-9	54-5	9-3	32-0
13-2	41-6	3739-6	650-0	6-3	-2-0	260-9	3-8	3-7	0-6	316-1	351-4	5-1	55-2	9-6	31-0
14-2	44-6	4040-7	625-0	4-4	-5-1	295-6	3-7	3-3	-1-6	317-5	350-2	4-2	49-6	9-7	30-0
15-4	47-4	4351-6	600-0	2-0	-11-3	284-7	4-3	4-2	-1-1	318-4	350-9	2-7	37-4	9-7	30-0
16-9	50-4	4734-6	575-0	0-7	-24-3	263-3	4-9	4-8	0-6	320-5	324-0	0-9	13-2	9-9	30-0
19-1	53-4	5069-4	550-0	-2-2	-31-6	250-3	4-0	3-9	0-8	321-8	323-2	0-5	4-1	10-2	30-0
19-4	56-4	5456-9	525-0	-4-9	-25-3	240-0	5-1	4-4	2-6	322-5	325-8	1-0	19-1	10-5	0-0
20-8	59-5	5836-8	500-0	-7-3	-25-2	239-8	7-7	6-6	3-9	324-1	327-5	1-0	22-6	11-0	41-0
22-4	62-8	6237-0	475-0	-9-3	-29-7	242-4	8-9	7-9	4-1	326-5	328-9	0-7	17-0	11-7	42-0
23-8	66-0	6651-1	450-0	-11-8	-37-9	250-1	8-3	7-8	2-8	328-4	329-6	0-3	9-3	12-4	43-0
25-3	69-4	7049-0	425-0	-14-3	-34-6	260-7	9-3	9-2	1-5	330-6	331-7	0-3	10-6	13-0	45-0
26-7	73-0	7445-7	400-0	-17-8	-41-0	258-5	12-6	12-4	2-3	331-4	332-9	0-3	11-0	13-8	47-0
28-1	76-7	8026-3	375-0	-20-5	-43-0	252-2	15-8	18-8	6-0	334-7	335-5	0-2	10-3	14-8	50-0
29-3	81-4	8534-2	350-0	-23-1	-46-5	244-4	30-3	27-3	13-1	337-6	338-3	0-2	9-6	16-7	52-0
31-3	84-3	9075-2	325-0	-25-6	-49-0	249-1	34-0	31-0	12-1	341-4	341-0	0-1	9-0	20-5	54-0
33-3	88-5	9650-0	300-0	-30-3	-51-6	254-8	34-7	33-5	9-1	342-7	343-1	0-1	10-3	24-5	57-0
35-3	93-0	10261-1	275-0	-36-1	-54-9	252-9	37-9	36-2	11-1	343-8	343-3	0-1	12-3	28-6	60-0
37-5	97-6	10916-4	250-0	-42-3	-59-9	250-3	44-2	41-6	14-9	346-2	349-8	99-9	569-8	33-9	62-0
39-8	102-5	11627-0	225-0	-45-7	-59-9	249-1	46-3	43-3	18-5	348-2	349-9	99-9	999-9	40-1	63-0
42-2	107-8	12400-3	200-0	-52-0	-59-9	247-3	45-6	42-1	17-6	350-4	349-9	99-9	999-9	46-7	64-0
44-9	113-7	13251-4	175-0	-59-1	-59-9	253-6	44-1	42-3	12-5	352-4	349-9	99-9	999-9	54-2	65-0
47-6	121-0	14206-4	150-0	-64-3	-59-9	257-3	33-3	32-5	7-3	359-3	349-9	99-9	999-9	60-4	66-0
52-2	127-0	15308-6	125-0	-68-9	-59-9	999-9	99-9	99-9	99-9	370-2	349-9	99-9	999-9	64-8	66-0
99-9	93-9	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	93-9	99-9	73-0	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

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

STATION NO. 20
ADA, OKLAHOMA
7 JUNE 1979
2304 GMT

22 734. 0

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MZ RTD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.1	312.0	968.4	30.4	23.7	150.0	4.1	-2.1	3.6	306.4	263.4	22.0	76.0	0.0	0.
00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	55.9	999.9	999.9	999.9
00.9	99.9	99.9	575.0	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	13.7	486.6	950.0	29.9	22.4	174.1	8.7	-8.9	18.7	307.6	351.1	18.2	83.9	0.4	354.
1.2	12.8	722.8	925.0	27.2	20.2	181.4	12.7	0.3	12.7	307.1	351.6	18.4	85.6	0.8	357.
2.2	14.9	965.2	900.0	24.9	20.6	183.4	14.7	0.9	16.6	307.1	351.1	17.3	77.4	1.7	0.
3.1	17.2	1217.9	875.0	22.6	20.2	186.7	14.5	1.7	14.4	307.2	350.3	17.3	86.5	2.4	1.
3.9	19.4	1465.5	850.0	20.2	18.3	196.6	14.6	4.2	14.0	307.2	350.4	15.8	88.8	3.2	3.
4.4	21.5	1723.4	825.0	19.3	15.0	211.4	14.0	7.3	11.9	309.0	345.3	13.1	76.0	3.9	7.
5.4	23.8	1989.3	800.0	20.8	5.8	226.9	12.1	8.8	8.3	312.2	333.5	7.3	39.6	4.6	13.
7.0	26.2	2269.2	775.0	19.2	2.6	259.9	98.4	98.4	59.9	313.4	330.9	6.0	35.2	999.9	999.9
8.3	24.5	2542.4	750.0	18.6	2.7	269.9	99.9	99.9	99.9	314.6	332.9	6.2	34.2	999.9	999.9
99.9	99.9	99.9	725.0	59.9	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	700.0	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	675.0	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	650.0	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	625.0	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	600.0	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	575.0	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	550.0	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	525.0	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	500.0	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	475.0	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	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0.9 TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, CALAWMA

7 JUNE 1979
1106 GMT

127 97. 0

TIME MIN	FNCT	WFLGHT GPM	QWES MB	TEMP DG C	DEW PT DG C	DIR DG	SPFC M/SEC	J COMP M/SEC	V COMP M/SEC	PCT T DG K	E PCT Y DG K	MR PTD GM/KG	DM PCT	WANGF KM	AZ DS
0.0	13.0	422.0	951.1	22.0	19.4	140.0	1.6	-1.0	1.2	299.4	339.2	15.1	65.2	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	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.
0.0	10.9	432.1	550.0	22.0	17.7	159.4	1.5	-2.0	9.2	299.5	340.3	15.5	66.5	0.1	1.
0.7	13.1	685.0	925.0	22.3	19.4	211.5	17.5	9.0	18.7	302.1	343.5	15.5	63.4	0.5	14.
1.6	14.5	904.4	900.0	22.7	16.9	222.3	23.2	15.6	17.1	304.5	341.8	13.6	70.0	1.5	27.
2.5	14.0	1131.3	875.0	24.1	11.1	228.5	24.6	14.6	16.4	305.8	336.5	9.5	41.2	2.9	34.
3.5	23.4	1495.8	850.0	24.5	9.7	231.6	22.0	17.3	13.7	311.8	337.3	2.9	30.1	4.2	41.
4.5	27.9	1666.7	825.0	24.6	8.2	234.7	24.5	26.0	14.2	312.5	335.4	4.3	35.6	5.4	44.
5.3	25.4	1434.2	870.0	21.2	7.7	239.6	22.6	15.5	11.4	312.6	337.6	6.3	41.4	6.5	47.
6.3	24.0	2248.2	770.0	17.5	6.5	245.9	17.5	15.9	7.1	314.6	337.7	7.9	42.9	7.9	49.
7.2	30.6	2480.5	750.0	14.9	5.4	245.9	15.2	13.9	6.2	315.0	337.0	7.5	46.5	8.8	51.
8.7	17.2	2777.5	725.0	14.3	4.2	243.8	14.9	13.4	6.6	315.1	336.0	7.7	50.6	9.6	52.
9.7	35.9	3072.4	700.0	12.1	4.1	245.1	13.9	12.6	5.8	315.5	337.5	7.4	54.0	10.4	53.
10.3	34.7	3376.4	675.0	8.9	3.1	253.4	19.5	16.0	3.0	315.8	336.4	7.1	50.9	11.2	54.
11.4	41.4	3688.6	650.0	7.3	3.4	267.0	9.1	9.3	0.5	317.2	334.4	5.8	42.1	11.8	55.
12.4	44.2	4710.1	625.0	4.8	-5.2	272.5	6.7	6.7	-0.4	317.6	330.4	4.2	49.9	12.3	57.
13.7	47.1	4341.1	600.0	1.5	-4.8	286.3	6.3	6.0	-2.0	317.6	330.4	4.1	58.2	12.7	59.
14.0	50.1	4692.7	575.0	-0.7	-11.2	292.8	5.2	4.8	-2.0	319.2	326.4	2.9	46.3	12.9	60.
14.1	53.1	5037.6	550.0	-1.6	-33.4	275.3	6.6	6.6	-0.6	322.2	323.6	6.4	6.6	13.2	61.
17.4	56.1	5495.7	525.0	-4.2	-31.7	277.3	7.9	7.9	-1.0	323.4	325.2	0.5	9.7	13.7	61.
18.7	59.4	5778.3	500.0	-7.1	-24.6	281.4	7.3	7.7	-1.5	324.4	325.8	6.4	8.9	14.2	64.
20.0	67.6	6185.0	475.0	-10.2	-30.1	285.3	6.0	5.8	-1.6	325.4	327.6	0.7	17.6	14.7	66.
21.4	64.0	6603.0	450.0	-12.3	-35.6	291.6	3.7	3.4	-1.4	327.6	329.2	0.4	12.2	15.0	67.
23.0	65.4	7034.5	425.0	-15.4	-43.4	103.4	4.2	3.5	-2.1	329.2	330.0	0.2	6.9	15.1	67.
24.6	73.0	7488.9	400.0	-14.9	-45.7	245.0	5.4	4.8	-2.6	330.4	331.0	0.2	7.3	15.5	69.
26.1	76.6	7964.1	375.0	-22.5	-41.0	278.6	6.1	6.1	-0.9	331.8	332.6	0.3	16.7	15.8	70.
27.8	83.4	8469.5	350.0	-25.8	-45.7	259.6	8.5	8.4	1.5	333.5	334.6	0.2	13.4	16.5	71.
29.6	44.4	9005.4	325.0	-26.7	-49.6	260.3	15.3	15.0	2.6	335.6	326.3	0.1	13.8	17.6	71.
31.5	84.6	9573.7	300.0	-29.5	-50.3	255.3	32.1	31.1	8.2	342.6	344.3	0.1	11.2	20.3	72.
33.7	93.0	10188.9	275.0	-34.2	-53.8	256.5	44.2	43.0	10.3	345.6	346.0	0.1	11.7	25.6	73.
35.9	97.6	10444.6	250.0	-35.7	-59.9	252.4	45.7	47.4	15.1	347.1	598.5	19.9	559.9	31.9	73.
38.1	102.4	11500.8	225.0	-45.1	-59.9	251.2	48.9	46.3	15.8	347.2	599.9	19.9	559.9	38.5	73.
40.7	107.8	12317.0	200.0	-50.2	-97.9	249.8	45.4	41.4	18.6	353.2	599.9	19.9	559.9	45.7	72.
43.4	113.5	13156.1	175.0	-57.2	-97.9	244.0	45.3	40.7	17.8	355.4	599.9	19.9	559.9	53.3	71.
46.5	119.8	14155.8	150.0	-63.7	-97.9	246.9	42.6	39.2	16.7	360.4	599.9	19.9	559.9	61.4	70.
48.9	127.0	15262.4	125.0	-67.4	-97.9	252.5	33.8	32.3	10.1	372.0	599.9	19.9	559.9	69.0	69.
53.2	134.7	16695.1	100.0	-65.7	-97.9	555.9	98.9	98.9	98.9	600.8	599.9	19.9	559.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	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	99.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME PAUSE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 21
ALTUS, OKLAHOMA

7 JUNE 1978
1405 GMT

127 96. 9

TIME MIN	CNTCT	METHT GPH	PRCS MB	TEMP DEG C	DESP DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DC K	E POT Y DC K	W A RTO EM/KG	RM PCT	RANGE KM	AZ DC
0.0	12.2	422.0	992.7	20.1	18.8	170.0	5.0	-0.9	4.9	303.7	342.8	14.5	93.0	0.0	94
00.9	00.9	58.9	1000.0	90.0	50.9	90.9	90.9	90.9	90.9	90.5	909.9	90.9	999.9	999.9	999.9
01.1	01.1	447.2	975.0	27.1	19.1	181.2	6.3	0.1	6.3	303.7	343.7	14.9	83.6	0.1	42
01.9	14.4	447.2	925.0	23.9	19.9	212.2	11.5	6.2	9.0	303.7	345.8	16.1	78.6	0.6	21
1.9	17.2	922.0	900.0	22.2	18.2	222.9	17.5	11.9	12.9	304.4	349.3	14.8	77.8	1.4	10
2.6	19.7	1168.0	875.0	24.2	19.4	237.6	19.3	14.3	10.3	309.0	349.9	11.5	52.0	2.5	39
3.8	22.2	1422.5	850.0	24.6	9.4	241.5	16.6	14.6	7.9	311.5	338.9	8.0	30.1	3.5	46
4.7	23.7	1644.5	825.0	24.4	9.1	247.3	14.3	13.2	5.5	314.4	339.8	8.8	37.9	4.2	49
5.7	25.2	1922.9	800.0	22.5	7.2	244.9	16.4	14.8	6.9	315.1	339.3	6.0	37.2	5.1	53
6.7	26.6	2229.2	775.0	20.4	5.3	244.2	15.5	13.9	6.7	315.2	337.0	7.2	37.0	6.1	54
7.4	27.4	2510.3	750.0	16.1	4.6	243.7	12.6	11.3	5.6	316.2	337.2	7.1	40.9	7.0	56
8.9	31.1	2749.3	725.0	15.4	4.2	236.4	11.7	9.7	6.5	316.4	337.4	7.2	47.0	7.8	56
10.0	37.4	3095.6	700.0	12.9	2.1	235.3	10.2	7.7	6.7	316.4	335.3	6.4	49.1	8.6	56
11.2	40.5	3168.7	675.0	10.3	-1.1	244.2	8.6	7.8	3.7	317.2	333.1	5.3	45.8	9.2	46
12.3	43.3	3112.6	650.0	7.8	0.2	244.3	7.6	7.9	0.8	317.6	333.6	6.0	50.4	9.7	57
13.5	46.2	4334.9	625.0	4.7	-3.4	253.5	6.7	6.6	0.8	317.9	333.6	4.8	55.6	10.2	58
14.5	49.1	4366.3	600.0	1.8	-3.9	273.4	4.6	4.6	-0.3	318.0	330.5	4.1	57.2	10.5	59
15.7	51.1	4768.0	575.0	-1.1	-4.3	266.9	3.0	3.0	0.2	318.7	329.8	3.6	50.5	10.7	60
16.9	55.1	5061.0	550.0	-3.4	-4.6	250.3	2.1	1.6	1.3	320.1	325.7	1.7	32.1	10.9	60
18.2	58.3	5427.7	525.0	-5.7	-23.0	242.8	3.7	3.3	1.7	321.6	325.5	1.1	23.9	11.1	60
19.4	61.4	5805.1	500.0	-7.2	-31.7	250.5	5.0	4.9	0.8	324.2	320.1	0.5	12.1	11.4	61
20.6	64.7	6206.6	475.0	-10.0	-38.0	242.8	4.1	4.0	0.5	325.6	327.2	0.4	11.9	11.7	61
22.2	68.0	6621.5	450.0	-12.3	-35.6	271.2	3.9	3.9	-0.1	327.6	329.2	0.4	12.2	12.0	62
23.6	71.5	7055.0	425.0	-15.6	-38.0	273.8	4.8	4.8	-0.3	329.0	330.2	0.3	12.5	12.3	63
25.1	75.0	7510.2	400.0	-18.7	-37.7	266.5	6.9	6.9	0.4	330.7	330.1	0.4	10.8	12.8	64
26.7	78.7	7628.5	375.0	-21.9	-42.7	257.8	6.3	6.1	1.7	332.6	333.4	0.2	13.1	13.4	65
28.3	82.6	6493.7	350.0	-25.0	-43.0	289.7	11.3	10.4	3.9	335.1	337.8	0.2	12.4	14.4	65
30.1	86.6	9374.2	325.0	-28.6	-47.8	245.3	17.6	18.0	7.4	337.2	337.8	0.2	13.7	15.9	65
32.0	90.6	9599.3	300.0	-30.7	-49.4	251.1	26.5	25.1	8.6	342.1	343.6	0.1	13.9	15.3	65
34.0	95.2	10213.1	275.0	-34.8	-52.6	256.1	38.0	36.9	9.1	344.6	345.2	0.1	14.3	22.1	67
36.1	99.8	10871.6	250.0	-35.8	-50.9	253.4	47.2	45.2	14.5	346.5	346.5	99.9	999.9	27.7	69
38.4	104.6	11585.0	225.0	-44.5	-50.9	251.2	43.0	42.6	18.1	350.3	349.9	99.9	999.9	34.3	69
41.0	110.6	12322.6	200.0	-60.1	-50.9	249.0	43.6	39.2	18.1	353.4	349.9	99.9	999.9	40.8	69
43.8	115.8	13223.3	175.0	-54.3	-50.9	240.8	43.5	37.6	21.8	357.0	349.9	99.9	999.9	48.2	68
46.9	122.0	14182.7	150.0	-64.1	-50.9	246.8	48.3	37.5	14.6	359.6	349.9	99.9	999.9	56.1	67
50.3	129.0	15287.3	125.0	-67.9	-50.9	256.7	30.5	29.4	8.1	372.0	349.9	99.9	999.9	63.6	68
54.0	136.4	16434.7	100.0	-67.2	-50.9	269.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9
58.9	90.9	90.9	75.0	99.9	99.9	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	50.0	99.9	99.9	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	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9

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

STATION NO. 21
ALTUS-OKLAHOMA
7 JUNE 1978
1706 GMT

TIME MIN	CNTCT	WEIGHT GPM	ARES MB	TEMP DG C	DEV 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	W R YTD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	11.3	423.0	933.4	32.1	18.0	180.0	2.2	0.0	0.2	308.5	343.1	12.1	38.0	0.0	0.
00.0	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
00.0	99.9	99.9	975.0	95.5	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	11.6	459.2	958.0	31.5	17.2	188.5	14.7	2.2	14.5	309.2	345.7	13.2	42.6	0.2	7.
0.7	13.9	693.2	925.0	29.0	18.0	302.2	19.0	7.2	17.6	309.0	348.3	14.2	51.4	0.6	18.
1.3	16.4	936.9	900.0	26.6	17.1	218.5	7.4	4.6	5.8	309.9	346.9	13.8	55.9	1.1	21.
1.8	18.9	1185.2	875.0	24.2	16.4	225.5	6.2	4.7	4.0	309.0	346.4	13.6	61.6	1.2	25.
2.5	21.4	1438.0	850.0	21.9	15.0	228.7	8.9	6.7	5.9	299.1	346.3	13.5	68.6	1.5	29.
3.4	23.9	1698.1	825.0	21.1	10.6	241.7	8.9	8.7	4.7	310.6	338.6	9.8	51.3	1.9	30.
4.5	26.5	1953.4	800.0	21.4	5.9	232.1	9.9	9.7	7.6	314.0	335.4	7.4	36.5	2.6	42.
5.6	29.1	2240.2	775.0	21.1	0.0	228.0	13.9	18.3	9.3	316.0	332.2	5.3	25.9	3.8	44.
6.9	31.8	2522.6	750.0	18.2	-0.8	223.7	13.1	9.0	9.5	316.7	331.1	4.8	27.0	4.6	44.
8.2	34.4	2818.9	725.0	16.1	-1.1	223.3	12.5	9.1	9.1	317.1	331.8	4.9	30.0	5.5	44.
9.2	37.2	3108.0	700.0	13.5	-1.4	224.0	12.0	8.3	9.6	317.4	332.2	4.9	35.6	6.3	44.
10.2	43.0	3413.4	675.0	10.9	-2.6	224.6	10.9	7.6	7.8	317.6	332.1	4.7	38.6	7.0	44.
11.3	42.8	3727.1	650.0	7.4	-4.1	224.6	8.5	6.0	6.0	318.0	331.7	4.3	40.6	7.6	44.
12.5	45.7	4049.4	625.0	5.3	-6.1	227.5	5.6	4.2	3.8	318.2	330.4	3.9	43.5	8.1	44.
13.6	46.6	4331.4	600.0	2.5	-10.0	232.4	5.2	4.1	3.2	319.0	328.4	3.0	39.3	8.5	44.
14.7	51.6	4724.0	575.0	0.2	-16.4	241.2	7.3	6.4	3.5	320.2	326.2	1.8	27.4	8.8	45.
15.9	54.6	5078.4	550.0	-2.3	-27.8	249.4	8.4	7.9	3.0	321.4	323.6	0.7	12.0	9.4	46.
17.2	57.8	5468.2	525.0	-4.3	-30.8	251.7	7.1	6.8	2.2	323.2	325.3	0.6	10.5	10.0	46.
18.5	61.0	5929.5	500.0	-4.1	-32.0	253.3	5.6	5.5	1.0	323.7	327.5	0.5	10.7	10.4	46.
19.8	64.3	6228.6	475.0	-5.1	-36.1	253.3	4.3	4.1	1.2	326.7	328.3	0.4	11.0	10.7	50.
21.4	67.7	6648.6	450.0	-11.7	-36.0	232.1	5.7	4.5	3.5	328.0	330.0	0.4	11.2	11.2	50.
23.0	71.1	7080.7	425.0	-14.3	-37.6	229.7	7.7	5.9	5.0	330.0	331.9	0.3	11.5	11.8	50.
24.5	74.7	7537.1	400.0	-17.0	-40.4	227.2	8.2	6.0	5.6	331.6	332.9	0.3	11.8	12.5	50.
26.0	78.4	8017.0	375.0	-20.6	-42.5	232.8	8.9	7.1	5.4	334.1	335.0	0.2	12.1	13.1	50.
27.6	82.3	8523.6	350.0	-23.4	-46.4	235.0	17.0	14.0	9.8	337.3	339.1	0.2	12.4	14.3	50.
29.2	86.3	9063.9	325.0	-24.5	-45.3	244.7	28.6	25.9	12.3	342.9	343.7	0.2	12.5	16.7	52.
30.9	93.5	9682.2	300.0	-28.9	-48.5	252.9	33.3	31.0	9.8	348.7	345.3	0.2	12.9	19.7	55.
32.9	95.0	10257.2	275.0	-34.8	-51.0	256.2	35.4	34.4	8.4	348.0	345.2	0.1	12.5	23.5	59.
34.9	99.6	10915.6	250.0	-39.8	-59.9	252.5	48.8	38.9	12.2	347.0	349.9	99.9	999.9	28.0	61.
37.1	104.6	11628.1	225.0	-44.2	-59.0	247.6	41.8	38.6	16.0	350.0	349.9	99.9	999.9	31.6	62.
39.4	110.0	12407.2	200.0	-50.4	-99.9	241.3	48.7	35.7	19.5	350.0	349.9	99.9	999.9	39.2	63.
41.7	115.8	13285.5	175.0	-57.8	-99.9	241.3	41.1	38.1	19.8	350.0	349.9	99.9	999.9	44.9	62.
44.2	122.0	14223.4	150.0	-63.8	-99.9	242.1	37.8	35.1	14.1	340.1	349.9	99.9	999.9	51.0	62.
46.9	129.0	15324.7	125.0	-68.6	-99.9	252.2	28.0	26.4	8.5	370.0	349.9	99.9	999.9	56.1	63.
50.4	137.0	16642.0	100.0	-68.1	-99.9	259.9	99.9	99.9	99.9	390.1	349.9	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

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

STATION NO. 21
 ALTUS, OKLAHOMA
 7 JUNE 1979
 2005 GMT

TIME MIN	CATCT	WEIGHT GEM	MMES MB	TEMP DEG C	DEP BT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT T CG K	MR RTO G/MKS	RM PCT	RANGE KM	AZ DEG
0.0	11.3	422.0	932.9	39.7	13.2	160.0	8.2	-2.8	7.7	313.2	381.9	10.1	26.0	0.0	0.
0.9	99.9	58.9	1006.0	95.9	99.9	99.9	99.9	99.9	99.9	95.5	999.9	99.9	999.9	999.9	999.9
0.1	11.5	668.8	950.0	35.1	18.6	173.1	7.7	-0.9	7.7	312.0	349.5	11.2	29.8	0.1	4.
0.7	13.8	691.2	925.0	32.2	18.6	196.4	7.1	2.2	6.7	312.2	349.8	13.0	39.3	0.4	13.
1.3	18.3	931.2	900.0	29.7	15.8	197.4	6.2	3.4	7.8	312.2	347.7	12.7	43.0	0.7	14.
1.9	18.8	1157.9	875.0	27.1	15.2	204.8	6.8	3.7	6.0	312.0	347.2	12.5	48.1	1.0	16.
2.5	21.3	1443.9	850.0	24.9	14.8	207.8	6.9	4.2	7.9	312.2	347.6	12.6	53.7	1.3	20.
3.4	23.9	1705.2	825.0	22.2	14.0	208.9	10.2	4.6	9.1	312.0	346.7	12.3	59.9	1.8	21.
4.3	26.4	1972.3	800.0	21.1	8.7	221.1	11.7	7.7	6.8	313.2	339.5	9.0	45.7	2.4	24.
5.2	29.0	2244.7	775.0	19.9	4.3	232.3	13.0	10.3	7.9	315.2	335.0	6.7	35.7	3.0	30.
6.1	31.6	2526.9	750.0	18.6	2.8	233.9	10.9	8.8	6.4	316.2	335.3	6.3	35.0	3.7	34.
7.1	34.3	2818.3	725.0	16.2	-0.7	231.4	9.6	7.9	6.0	317.2	332.3	5.0	31.5	4.2	37.
8.1	37.0	3115.3	700.0	14.8	-3.7	227.1	10.0	7.4	6.8	318.0	330.4	4.2	29.0	4.8	38.
9.0	39.8	3420.5	675.0	11.1	-5.0	225.3	10.9	7.7	7.7	319.0	330.0	3.9	32.0	5.4	39.
10.1	42.6	3733.6	650.0	8.1	-7.2	226.0	10.7	7.7	7.4	318.1	328.7	3.4	32.9	6.0	40.
11.2	45.4	4055.9	625.0	5.2	-9.6	223.6	9.9	8.0	5.9	318.4	327.6	3.0	33.4	6.7	41.
12.2	48.4	4387.6	600.0	2.2	-5.1	221.6	8.7	9.2	3.1	318.7	332.1	4.4	59.3	7.3	42.
13.3	51.4	4730.1	575.0	-0.9	-7.6	224.8	6.3	8.2	0.8	319.4	331.0	3.6	58.7	7.8	45.
14.4	54.4	5083.7	550.0	-3.8	-20.0	232.1	8.0	7.6	2.4	320.4	325.3	1.6	25.8	8.2	47.
15.5	57.4	5451.4	525.0	-4.4	-29.4	234.9	8.1	6.4	4.6	323.1	323.3	0.6	12.2	8.7	48.
16.8	60.6	5834.3	500.0	-6.3	-32.2	237.7	6.5	5.6	3.3	325.4	327.2	0.5	10.7	9.3	49.
18.2	64.0	6233.1	475.0	-9.0	-38.1	235.6	6.0	5.0	3.4	326.8	328.4	0.4	10.0	9.7	49.
19.3	67.1	6649.8	450.0	-11.6	-35.9	222.3	6.2	5.5	6.1	328.6	332.0	0.4	11.2	10.2	49.
20.7	71.7	7082.8	425.0	-14.2	-37.7	223.4	10.0	6.9	7.3	330.4	332.1	0.3	11.5	11.0	49.
22.3	74.3	7522.6	400.0	-17.6	-38.3	224.8	12.6	9.2	8.6	332.1	333.4	0.3	14.4	12.0	48.
23.9	78.0	8023.0	375.0	-20.2	-42.0	233.6	23.1	18.8	13.7	334.9	335.4	0.2	12.1	13.6	49.
25.9	81.9	8533.6	350.0	-20.7	-43.7	239.3	28.3	24.4	14.5	343.9	342.1	0.2	14.8	18.0	50.
27.0	85.8	9077.0	325.0	-25.3	-44.3	245.6	31.7	28.9	13.3	341.5	342.8	0.2	15.0	18.0	52.
28.6	90.0	9651.7	300.0	-30.7	-49.9	245.9	34.9	31.9	14.3	342.2	342.7	0.1	13.1	21.9	54.
30.2	94.5	10243.1	275.0	-35.8	-42.5	243.6	36.2	34.4	16.1	343.2	343.7	0.1	16.1	23.2	55.
32.0	99.2	10919.9	250.0	-35.8	99.9	239.4	39.2	37.8	20.0	347.8	399.9	99.9	99.9	29.2	56.
34.0	104.2	11632.9	225.0	-47.2	99.9	239.8	40.6	35.0	20.4	349.3	399.9	99.9	95.9	34.1	57.
36.2	109.4	12408.2	200.0	-51.4	59.9	239.2	43.7	37.2	23.0	351.4	399.9	99.9	95.9	39.5	57.
38.5	115.3	13282.9	175.0	-57.8	99.9	244.6	41.2	37.2	17.7	354.6	399.9	99.9	99.9	46.3	57.
41.8	121.5	14222.0	150.0	-63.1	59.9	245.6	32.3	25.4	13.4	361.4	399.9	99.9	99.9	52.9	59.
45.3	129.7	15332.0	125.0	-66.2	99.9	235.6	27.4	22.4	15.5	375.1	399.9	99.9	99.9	58.9	58.
49.3	136.7	16633.7	100.0	-71.2	59.9	99.9	99.9	99.9	99.9	390.2	399.9	99.9	99.9	99.9	99.9
53.0	93.9	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
56.9	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
59.9	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

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

STATION NO. 21
 ALTL'S, OKLAHOMA
 7 JUNE 1979
 2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MO	TEMP DC C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	HR STD G/SEC	RH PCT	RANGE KM	AZ DG
0.0	10.9	422.0	652.8	36.8	11.3	170.0	7.0	-1.2	6.9	314.0	338.6	8.9	22.8	0.0	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	11.0	448.8	650.0	35.0	14.5	166.1	10.2	2.8	9.8	313.0	345.0	11.1	28.0	0.4	19.
0.9	13.4	651.5	925.0	34.5	14.1	194.7	10.0	2.7	10.4	314.4	346.2	11.1	29.4	0.6	17.
1.7	15.8	915.0	903.0	31.9	13.5	194.0	11.0	3.0	11.4	314.4	345.6	10.9	32.0	1.2	16.
2.6	18.3	1191.6	875.0	29.5	13.3	150.4	12.6	3.6	12.1	314.4	345.9	11.0	37.0	1.8	16.
3.6	20.4	1449.0	850.0	26.9	13.1	159.9	11.9	4.0	11.2	314.2	346.2	11.2	42.5	2.6	16.
4.6	23.7	1711.9	825.0	24.5	11.1	202.0	12.0	4.5	11.1	314.2	343.4	10.1	43.0	3.3	17.
5.4	25.8	1980.7	800.0	22.0	11.3	198.0	12.2	3.9	11.5	314.4	345.0	10.6	50.6	3.9	18.
6.3	24.3	2255.6	775.0	19.2	10.5	155.0	13.2	3.6	12.7	314.2	344.1	10.4	56.9	4.5	18.
7.2	30.9	2536.7	750.0	16.9	8.7	200.1	13.2	4.5	12.4	314.5	342.2	9.5	58.6	5.2	16.
8.3	33.6	2824.9	725.0	14.8	8.4	209.6	12.2	6.0	10.6	314.2	342.4	6.6	69.1	6.1	10.
9.4	36.3	3120.7	700.0	13.0	2.1	221.4	10.4	7.2	8.1	316.5	335.9	6.4	47.5	6.9	21.
10.8	33.0	3425.5	675.0	10.9	-2.4	236.7	10.1	6.4	5.5	217.5	332.3	4.8	36.2	7.6	23.
12.3	41.8	3739.2	650.0	8.6	-3.8	253.2	9.0	8.6	2.6	216.7	332.2	4.4	41.2	8.1	27.
13.3	46.7	4011.9	625.0	5.5	-3.8	261.7	8.7	6.7	1.3	210.7	332.8	4.0	21.1	8.5	37.
14.5	47.6	4354.2	600.0	2.4	-3.8	275.3	8.4	8.4	-0.8	218.5	333.5	4.8	63.3	8.9	34.
15.8	53.5	4736.9	575.0	-0.6	-4.5	275.5	7.8	7.7	-1.0	219.2	333.8	4.0	74.9	9.2	37.
17.3	53.5	5090.8	550.0	-3.8	-15.2	261.8	7.0	7.0	1.0	320.8	327.6	2.1	37.8	9.5	40.
18.6	56.6	5458.7	525.0	-6.9	-25.6	235.4	7.5	6.5	3.8	323.7	326.8	0.9	16.5	10.1	42.
20.2	53.8	5442.1	500.0	-6.3	-27.5	227.8	7.2	7.4	4.9	325.2	328.1	0.8	16.7	10.7	43.
21.4	63.0	6240.6	475.0	-8.9	-29.5	233.5	7.4	6.0	4.4	327.0	329.4	0.7	16.9	11.2	43.
22.9	66.3	6858.8	450.0	-10.8	-32.8	237.1	13.1	11.0	7.1	329.7	331.6	0.5	14.2	12.1	44.
24.5	64.7	7052.6	425.0	-13.8	-36.7	244.5	20.8	18.6	9.0	331.2	332.7	0.4	12.3	13.6	46.
25.9	73.1	7553.6	400.0	-16.6	-39.1	242.2	17.5	24.3	12.8	333.4	334.8	0.3	12.2	15.6	48.
27.5	76.9	8034.2	375.0	-18.9	-42.7	237.8	28.9	24.5	15.4	336.4	337.5	0.2	10.1	18.3	50.
29.4	83.7	8464.9	350.0	-22.3	-45.1	235.3	33.2	27.3	18.5	339.7	339.5	0.2	10.5	21.9	51.
31.3	84.7	8907.4	325.0	-26.2	-46.0	234.4	38.2	27.8	19.9	340.2	341.3	0.2	13.8	25.0	52.
33.1	84.8	9660.6	300.0	-31.4	-49.5	236.1	38.0	28.2	18.9	341.2	341.8	0.2	16.4	28.5	52.
35.1	91.2	10270.8	275.0	-36.4	-51.4	235.3	35.9	26.2	21.0	342.2	343.8	0.1	19.1	33.5	52.
37.3	97.8	10928.5	250.0	-40.2	-59.9	231.3	40.3	21.6	25.0	346.2	349.9	99.9	559.9	39.2	53.
40.2	107.8	11636.8	225.0	-45.8	-59.9	232.9	36.7	30.9	23.4	349.2	349.9	99.9	559.9	45.7	52.
42.9	108.0	12411.6	200.0	-51.7	-59.5	240.8	36.9	34.0	19.0	351.0	349.9	99.9	559.9	51.6	53.
45.5	113.8	13267.8	175.0	-56.4	-59.9	237.4	42.1	35.5	22.7	356.8	349.9	99.9	555.9	58.0	53.
48.6	123.0	14227.9	150.0	-64.1	-64.9	240.8	37.4	28.2	15.6	359.2	349.9	99.9	999.9	64.8	54.
51.8	127.3	15227.5	125.0	-71.0	-65.9	238.0	27.8	23.1	15.4	369.2	349.9	99.9	999.9	70.5	54.
55.5	135.3	16855.5	100.0	-71.0	-69.9	238.0	27.8	23.1	15.4	369.2	349.9	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	99.9	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	99.9	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	99.9	999.9	999.9

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

STATION NO. 24
CHICKASHA, OKLAHOMA
7 JUN 1979
1106 GMT

TIME MIN	CHTCT	WEIGHT GPA	PMZS MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PBT 1 DEG F	E POT T CG K	MB RTO CM/SEC	RM MCT	RANGE KM	AZ DEG
0.0	10.3	353.0	900.0	23.0	21.3	180.0	1.0	0.0	1.0	290.0	343.0	10.0	90.0	0.0	0.0
00.0	99.0	90.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0	99.0	999.0	999.0	999.0
00.0	99.0	99.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0	99.0	999.0	999.0	999.0
0.5	11.3	444.0	950.0	22.2	21.9	191.8	3.1	3.1	14.0	300.7	347.4	17.7	52.4	0.2	11.0
1.2	13.7	678.3	625.0	22.5	20.7	204.0	9.0	9.0	18.4	302.3	347.3	16.9	89.9	0.9	15.0
1.9	16.1	917.9	500.0	23.1	18.1	221.9	16.1	16.1	17.9	302.3	349.3	14.8	74.0	1.9	26.0
2.4	19.6	1165.7	875.0	24.8	13.2	227.2	21.6	15.8	11.7	210.0	241.4	11.0	45.7	3.0	34.0
3.5	21.1	1420.6	850.0	24.7	10.3	228.6	18.1	13.5	11.9	212.0	238.6	9.4	40.4	4.0	37.0
5.4	23.6	1681.5	825.0	22.4	9.0	227.7	14.2	12.0	10.9	212.2	236.7	8.6	41.3	4.6	39.0
9.3	26.1	1948.4	800.0	20.1	6.8	235.9	15.1	12.4	8.5	212.4	238.1	8.9	47.9	5.4	41.0
9.3	25.6	2221.4	775.0	17.7	4.2	242.3	13.7	7.2	7.2	212.6	239.2	8.9	53.8	6.5	43.0
7.3	1.3	2501.3	750.0	15.6	5.8	242.9	15.2	13.5	6.9	313.2	235.9	7.0	52.1	7.4	46.0
6.4	36.0	2767.7	725.0	12.9	4.3	241.6	13.8	7.5	7.5	313.4	234.6	7.2	56.0	8.3	48.0
9.4	36.7	3081.5	700.0	10.1	3.4	245.8	16.1	14.7	6.6	213.4	234.4	7.1	64.3	9.2	49.0
10.5	39.4	3383.1	675.0	7.3	4.2	246.4	15.3	15.3	3.7	313.4	234.1	7.7	60.9	10.2	51.0
11.5	42.2	3653.1	650.0	4.6	2.7	265.0	14.8	14.8	1.1	314.2	234.1	7.2	87.1	11.1	54.0
12.6	45.1	4012.2	625.0	3.2	0.9	276.0	14.8	14.8	-1.3	316.3	225.7	3.1	40.6	11.8	56.0
13.7	49.0	4342.3	600.0	2.2	-30.1	289.3	9.2	8.7	-3.0	318.7	320.5	0.5	6.9	12.3	59.0
14.9	51.0	4684.1	575.0	-0.3	-20.6	295.9	8.3	8.0	-2.3	319.4	323.6	1.3	20.1	12.7	61.0
16.1	54.0	5037.7	550.0	-2.3	-35.5	285.9	9.3	9.0	-2.6	321.4	322.4	0.3	5.7	13.1	63.0
17.4	57.1	5404.8	525.0	-5.2	-46.3	278.3	10.4	10.3	-1.5	323.1	323.3	0.3	6.7	13.7	65.0
18.7	61.3	5785.1	500.0	-8.1	-56.3	264.3	10.9	10.8	1.1	323.2	326.2	0.9	21.3	14.5	66.0
20.1	63.6	6182.4	475.0	-10.6	-74.9	266.9	11.7	11.7	0.6	323.5	326.3	1.0	28.1	15.4	67.0
21.6	66.9	6557.3	450.0	-12.4	-84.2	263.9	9.8	9.5	-2.4	327.7	328.1	0.1	3.2	16.3	69.0
23.4	70.8	7031.9	425.0	-15.2	-93.6	277.9	10.2	10.1	-1.4	329.2	330.4	0.3	9.5	17.1	71.0
25.0	74.0	7487.0	400.0	-18.3	-95.8	272.0	11.8	11.8	-0.4	331.1	331.8	0.2	6.8	18.1	72.0
26.9	77.7	7965.4	375.0	-21.9	-96.4	270.0	13.4	11.4	-0.0	334.4	333.2	0.2	8.7	19.3	74.0
28.6	81.5	8468.6	350.0	-25.2	-90.3	258.1	11.9	11.7	2.5	336.7	335.2	0.1	7.5	20.6	76.0
30.9	85.4	9003.7	325.0	-28.9	-77.5	251.3	19.2	18.9	6.3	336.8	337.2	0.1	8.2	22.4	78.0
32.9	89.7	9572.7	300.0	-31.5	-94.4	242.9	31.9	30.4	9.4	341.6	341.3	0.1	8.2	25.6	74.0
35.3	94.0	10130.3	275.0	-35.0	-77.4	246.7	42.3	44.1	10.4	344.2	344.7	0.1	8.0	31.0	74.0
38.0	97.7	10943.1	250.0	-39.0	-90.9	254.6	51.4	49.9	13.7	348.7	349.9	99.9	999.0	37.4	74.0
40.9	103.6	11553.6	225.0	-45.8	99.9	248.5	50.7	48.0	14.0	348.8	349.8	99.9	999.0	44.1	74.0
43.0	108.8	12129.9	200.0	-50.4	99.0	248.5	46.1	46.1	17.2	353.0	349.9	99.9	999.0	50.8	74.0
46.8	114.5	13187.1	175.0	-57.4	99.0	246.0	46.2	42.2	18.8	353.2	349.9	99.9	999.0	65.7	73.0
50.4	123.8	14146.2	150.0	-63.8	99.9	240.6	37.7	35.5	12.5	360.1	349.9	99.9	999.0	74.2	72.0
53.9	127.8	15251.5	125.0	-68.4	99.9	255.4	32.9	31.8	8.3	371.1	349.9	99.9	999.0	82.0	73.0
58.0	137.7	16558.6	100.0	-67.5	99.9	99.9	99.9	99.9	99.9	349.3	349.9	99.9	999.0	999.0	999.0
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.0	999.0	999.0
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.0	999.0	999.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.0	999.0	999.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 15 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 24
CHICKASHA, OKLAHMA
7 JUNE 1979
1405 GMT

130 97. 0

TIME MIN	CNTCT	WGTGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CCOMP M/SEC	V COMP M/SEC	POT T DEG K	MJ RTD GM/KG	RM PCY	RANGE KM	AZ DEG
0-0	10-5	333-0	941-2	25-7	22-0	180-0	5-0	3-0	5-0	302-3	17-6	80-0	0-0	0-
00-9	00-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	999-0	59-9	999-9	999-9	999-9
00-9	00-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	994-9	999-9
0-4	11-7	486-7	950-0	28-8	21-0	193-4	3-4	3-4	18-2	302-4	17-6	83-4	0-3	5-
1-1	14-1	690-8	925-0	22-4	20-0	200-3	5-3	14-4	302-2	347-5	17-0	90-7	0-8	12-
1-8	16-6	929-7	900-0	20-6	19-7	215-7	15-4	9-7	13-5	302-8	16-4	94-7	1-4	16-
2-4	19-2	1173-7	875-0	19-9	15-8	227-8	14-1	14-1	12-8	303-2	13-3	83-5	2-0	26-
3-5	21-7	1425-0	850-0	24-3	3-1	230-4	14-0	14-0	11-5	311-7	5-7	25-4	3-3	36-
4-6	24-3	1685-5	825-0	21-2	0-4	227-0	11-7	11-7	11-0	313-1	4-8	22-2	4-4	40-
5-5	27-3	1922-3	800-0	21-2	-1-3	224-1	10-8	10-8	11-2	313-7	4-4	22-1	5-3	40-
6-4	29-6	2225-9	775-0	19-0	-0-2	228-8	10-3	10-3	10-3	314-2	4-9	27-5	6-0	41-
7-2	32-2	2506-0	750-0	16-6	1-7	231-7	11-9	9-4	10-4	314-6	5-8	36-5	6-8	42-
8-0	34-9	2793-8	725-0	14-4	0-3	233-3	13-2	10-6	7-9	315-3	5-4	37-9	7-5	43-
9-0	37-7	3059-0	700-0	11-8	0-1	235-6	11-6	9-7	6-6	315-2	5-5	44-7	8-2	44-
10-0	40-5	3322-2	675-0	9-2	1-4	242-5	11-1	5-2	5-1	316-0	6-3	57-9	8-9	45-
11-1	43-3	3704-2	650-0	7-4	-2-4	256-9	10-4	10-1	2-4	317-2	5-0	49-8	9-5	47-
12-2	46-3	4023-8	625-0	6-5	-6-0	265-9	5-5	5-5	0-7	317-8	3-9	46-2	10-0	49-
13-3	49-3	4336-8	600-0	1-6	-7-8	267-2	8-0	6-0	0-4	318-6	3-6	50-2	10-5	51-
14-5	52-3	4659-5	575-0	1-2	-4-2	256-2	7-5	7-2	1-0	321-4	0-1	1-0	10-9	53-
15-6	55-4	5384-0	550-0	-1-7	-41-6	246-3	6-4	7-7	3-4	322-1	0-1	1-0	11-5	53-
16-9	58-6	5422-7	525-0	-4-8	-53-0	252-5	7-5	7-2	2-3	322-7	0-1	1-0	12-1	54-
18-2	61-7	5904-2	500-0	-7-3	-56-5	262-1	7-3	7-2	1-8	324-1	0-3	1-0	12-6	55-
19-5	65-1	6291-2	475-0	-10-3	-66-5	276-4	7-1	7-1	-1-8	325-2	0-0	1-0	13-1	56-
21-9	69-5	6618-1	450-0	-15-2	-57-7	291-8	6-2	5-6	-2-3	327-9	0-0	1-0	13-4	56-
22-4	72-0	7359-1	425-0	-18-2	-59-6	285-6	6-3	6-3	-1-6	329-2	0-0	1-0	13-7	60-
23-9	75-7	7596-4	400-0	-11-6	-61-1	289-3	7-6	7-6	0-1	332-2	0-0	1-0	14-3	61-
25-3	79-3	7986-4	375-0	-21-0	-67-2	249-8	6-7	6-1	3-0	333-5	0-0	1-0	14-9	62-
26-9	83-3	8492-3	350-0	-24-7	-65-7	238-9	10-4	9-3	5-6	335-6	0-0	1-0	15-8	62-
29-5	87-3	9227-3	325-0	-28-3	-68-1	243-3	10-8	15-0	7-5	337-8	0-0	1-0	17-1	62-
30-1	91-5	9482-3	300-0	-30-7	-69-6	252-4	20-9	23-8	7-5	342-1	0-0	1-0	19-1	63-
32-0	96-0	10211-1	275-0	-35-0	-72-5	258-2	32-5	32-5	6-6	344-6	0-0	1-0	22-2	65-
36-1	100-6	10870-0	250-0	-39-7	-90-9	257-3	38-6	38-7	8-7	347-1	99-9	999-9	26-7	67-
38-2	105-6	11582-7	225-0	-45-2	-99-9	253-4	37-1	11-1	11-1	349-3	99-9	999-9	31-9	69-
38-9	111-6	12366-5	200-0	-50-3	-99-9	246-3	33-3	13-6	13-6	353-1	99-9	999-9	37-7	69-
41-6	117-6	13200-5	175-0	-54-9	-99-9	245-6	33-0	15-0	15-0	356-1	99-9	999-9	43-7	68-
44-6	123-0	14170-5	150-0	-60-4	-99-9	254-4	31-1	8-7	359-2	359-9	99-9	999-9	50-0	68-
48-1	133-0	15282-3	125-0	-66-3	-99-9	257-1	25-9	5-8	371-3	399-9	99-9	999-9	54-3	69-
52-2	138-0	16329-5	100-0	-67-0	-99-9	999-9	99-9	99-9	99-9	398-2	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
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
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

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

STATION NO. 24
CHICKASHA, OKLAHOMA

7 JUNE 1979
1705 GMT

127 95. 0

TIME MIN	CHTCT	WEIGHT GPH	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DB K	E POT T DG K	HM WTC CM/KG	RM PCT	RANGE KM	AZ DG
0-0	9-7	393-0	561-7	29-3	26-1	180-0	7-0	0-0	7-0	304-1	348-4	15-6	87-0	0-0	0-
00-0	90-9	90-9	1000-0	90-9	90-9	90-9	90-9	90-9	92-9	90-5	508-9	90-9	900-9	900-9	900-
00-0	90-9	90-9	975-0	90-9	90-9	90-9	90-9	90-9	90-9	90-5	509-9	90-9	900-9	900-9	900-
0-2	13-9	462-1	550-0	26-0	20-4	190-0	16-9	4-6	16-4	305-0	349-3	16-2	63-5	0-4	12-
1-2	13-2	654-9	575-0	26-1	19-7	157-6	15-9	4-8	15-1	306-0	348-9	15-8	64-0	1-0	14-
2-2	15-6	980-2	500-0	23-6	19-2	190-5	13-3	4-5	12-6	305-5	348-6	15-0	76-2	1-9	17-
3-1	18-0	1186-1	475-0	21-1	18-5	204-2	14-2	5-8	13-0	305-7	347-9	15-0	85-1	2-6	18-
4-1	20-5	1437-6	450-0	20-6	16-3	218-5	17-9	10-9	13-7	307-7	346-1	14-0	78-2	3-5	21-
5-1	22-9	1657-1	425-0	22-1	8-1	221-6	15-4	12-9	14-5	311-4	335-6	8-3	40-8	4-6	27-
6-1	25-8	1874-2	400-0	21-1	6-8	220-2	15-4	10-2	12-1	313-7	332-2	7-6	35-4	5-7	29-
7-2	29-0	2238-2	375-0	19-6	4-9	220-6	16-1	12-2	10-6	316-5	335-4	7-0	39-0	6-7	31-
8-1	33-6	2519-6	350-0	17-3	3-1	232-3	14-9	12-5	8-7	318-4	334-2	6-4	38-7	7-5	34-
9-1	37-2	2774-0	325-0	15-0	1-7	235-9	14-4	11-8	6-3	316-0	333-7	6-0	40-4	8-2	36-
10-1	35-9	3103-9	300-0	12-4	0-7	230-2	12-7	10-6	7-1	316-2	333-4	5-8	44-6	9-0	38-
11-2	34-6	3407-7	275-0	5-7	0-8	240-2	11-3	9-8	5-6	316-5	334-4	6-0	53-7	9-7	30-
12-1	41-3	3720-5	250-0	7-8	-0-8	248-4	10-0	9-2	4-0	317-0	335-4	5-9	51-8	10-3	41-
13-1	44-2	4282-8	225-0	5-2	-3-7	256-0	7-3	7-1	1-8	318-4	332-2	4-7	52-5	10-7	42-
14-2	47-1	4744-4	200-0	2-1	-6-2	261-8	5-5	5-4	0-8	318-0	330-9	4-0	53-8	11-1	43-
15-3	50-0	4716-6	175-0	-0-5	-11-2	262-2	4-5	4-5	0-6	319-4	328-3	2-0	44-3	11-3	44-
16-4	53-0	5270-1	150-0	-3-2	-21-8	249-7	5-6	5-3	2-0	320-2	324-3	1-2	22-1	11-6	45-
17-6	56-1	5436-9	125-0	-5-1	-34-0	238-4	6-6	5-6	3-3	322-1	323-7	0-4	8-1	12-0	46-
19-0	59-3	4816-0	100-0	-6-5	-37-0	232-9	5-9	4-7	3-5	325-1	324-3	0-3	6-7	12-5	46-
20-3	62-5	4186-6	875-0	-8-4	-37-6	218-2	5-5	3-3	4-5	327-6	320-8	0-3	7-3	13-0	46-
21-9	65-8	4435-9	480-0	-11-0	-39-0	217-6	7-0	4-3	5-5	329-4	330-4	0-3	7-8	13-5	46-
23-2	69-3	7072-5	400-0	-13-8	-40-7	227-5	8-3	6-1	5-1	331-2	332-2	0-2	8-3	14-2	46-
24-8	72-7	7530-0	325-0	-17-2	-43-2	248-8	9-7	8-0	4-1	332-4	333-4	0-2	8-3	15-0	46-
26-3	76-4	8311-1	375-0	-20-6	-46-4	263-4	10-7	10-6	1-2	334-4	335-0	0-2	7-7	15-8	48-
27-9	80-2	8517-4	350-0	-24-9	-49-7	262-4	15-2	5-1	2-8	335-7	336-2	0-1	8-5	16-7	50-
29-6	84-0	8854-3	325-0	-26-2	-50-4	250-2	24-6	23-1	8-3	340-0	341-1	0-1	8-1	18-5	53-
31-6	83-2	8830-2	300-0	-29-4	-52-6	251-2	33-4	31-7	10-8	344-0	343-4	0-1	8-4	21-5	55-
33-3	92-5	10245-3	275-0	-34-8	-56-3	253-9	38-0	36-9	9-3	344-5	343-1	0-1	9-0	25-4	58-
35-3	97-0	10902-8	250-0	-39-7	-59-9	254-5	44-2	42-6	11-8	347-0	347-2	0-0	9-5	30-2	61-
37-3	101-8	11614-8	225-0	-44-7	-64-7	243-3	45-3	42-4	16-0	350-0	349-9	99-9	950-9	35-7	63-
39-8	107-0	12391-3	200-0	-51-2	-69-0	243-9	42-3	37-9	18-8	351-7	348-9	99-9	550-9	41-7	63-
41-9	112-8	13240-9	175-0	-58-0	-80-9	243-8	42-2	37-8	18-6	354-2	349-8	99-9	550-9	47-3	63-
44-3	118-8	14201-8	150-0	-64-6	-84-6	250-5	40-0	37-7	13-4	358-0	349-8	99-9	550-9	53-7	64-
47-6	125-5	15104-4	125-0	-69-1	-87-1	253-2	26-1	27-9	8-4	371-3	349-8	99-9	550-9	59-8	65-
50-9	131-3	16068-4	100-0	-67-2	-84-2	509-9	99-9	99-9	99-9	366-1	349-8	99-9	550-9	99-9	99-9
99-9	90-9	55-0	75-0	99-9	90-9	99-9	99-9	99-9	99-9	99-5	549-9	55-0	99-9	99-9	99-9
99-9	91-9	99-9	50-0	99-9	50-0	99-9	99-9	99-9	99-9	99-5	549-9	50-0	99-9	99-9	99-9
99-9	92-9	99-9	25-0	99-9	50-0	99-9	99-9	99-9	99-9	99-5	549-9	50-0	99-9	99-9	99-9

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

STATION NO. 24
 CHEEKASHA, OKLAHOMA
 7 JUNE 1978
 2017 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW P. DEG C	DIA DB	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG K	E POT T DEG K	W P RTO GMS/KG	RM PCT	RANGE MM	AZ DEG
0.0	9.4	323.0	942.6	32.0	21.2	170.6	7.6	-1.2	6.9	308.8	354.4	16.8	53.8	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
00.9	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
3.4	10.4	666.3	950.0	30.9	22.7	181.4	10.7	0.4	10.7	308.2	359.2	18.7	62.0	0.5	3.
1.3	12.5	785.3	925.0	28.8	21.8	189.3	15.0	2.3	13.8	308.4	355.5	17.3	64.2	1.1	6.
2.4	14.7	940.1	905.0	26.5	20.2	199.2	19.9	3.9	13.3	308.4	354.0	16.8	68.3	1.9	9.
3.4	16.0	1197.0	875.0	24.3	18.3	205.0	15.1	6.4	13.7	309.6	351.3	15.4	69.3	2.6	12.
4.2	18.2	1452.1	850.0	21.4	12.5	209.1	16.1	7.8	14.0	310.5	341.4	10.9	50.8	3.4	16.
4.8	21.5	1713.2	825.0	21.3	7.9	208.3	15.3	7.2	13.4	313.2	338.8	8.2	37.4	4.1	18.
5.5	23.7	1881.0	800.0	21.7	6.6	212.1	14.6	7.8	12.4	314.2	336.6	7.7	37.5	4.7	19.
6.3	26.0	2257.6	775.0	20.4	5.0	224.0	14.5	10.1	10.4	319.7	336.4	7.1	36.3	5.3	22.
7.0	29.4	2537.6	750.0	18.2	2.9	227.7	14.4	10.7	9.7	316.4	335.1	6.3	36.1	5.9	25.
8.1	32.8	2828.6	725.0	15.1	1.2	229.1	13.4	10.1	8.7	316.4	333.2	5.8	38.6	6.7	2.1
9.4	33.2	3122.8	700.0	12.6	0.4	229.9	14.6	11.2	9.4	316.4	333.2	5.6	43.1	7.5	32.
10.1	35.7	3476.7	675.0	9.5	-0.3	228.6	14.1	6.1	8.6	318.2	332.9	5.6	50.3	8.3	32.
11.4	38.2	3739.3	650.0	7.1	-2.3	222.3	9.4	6.4	7.8	318.2	333.2	5.0	47.7	9.0	33.
12.5	40.7	4061.6	625.0	4.6	-5.2	216.8	6.7	4.0	5.4	317.7	333.4	4.2	49.0	9.6	36.
13.8	43.3	4391.0	600.0	2.5	-7.4	231.1	4.4	3.4	2.7	319.6	330.3	3.7	47.9	10.0	34.
14.9	46.0	4735.5	575.0	-0.4	-9.7	233.3	4.5	4.3	1.3	319.6	329.4	3.2	49.2	10.2	34.
16.7	49.8	5095.8	550.0	-2.0	-24.0	251.4	5.2	5.2	1.8	321.7	325.2	1.6	17.2	10.9	36.
17.6	51.6	5459.2	525.0	-3.5	-29.3	244.1	3.1	4.6	2.2	324.2	326.5	0.4	11.3	10.9	37.
18.9	54.4	5822.3	500.0	-6.8	-31.7	232.3	4.3	3.4	2.6	324.2	326.5	0.5	11.6	11.2	38.
20.1	57.3	6240.7	475.0	-9.4	-33.5	230.9	3.2	2.5	2.1	328.6	327.6	0.5	12.4	11.5	38.
21.5	60.4	6656.1	450.0	-12.3	-36.7	237.0	9.3	4.5	2.9	327.4	329.1	0.4	10.9	11.8	39.
22.8	63.4	7090.8	425.0	-14.8	-39.7	235.7	7.2	6.5	4.4	329.9	330.9	-3	9.9	12.3	39.
24.7	66.8	7566.3	400.0	-18.3	-40.3	235.5	10.5	8.6	5.9	331.2	332.2	-3	12.6	13.1	40.
25.9	69.9	8021.6	375.0	-20.8	-41.9	232.7	10.6	13.2	18.1	334.1	339.1	0.3	13.0	14.2	41.
27.3	73.3	8331.6	350.0	-23.7	-41.6	235.0	27.4	22.6	15.8	338.4	337.6	0.2	14.0	16.2	43.
29.1	76.9	8672.5	325.0	-25.4	-40.8	242.3	38.1	30.2	19.9	341.7	342.4	0.2	11.3	19.5	45.
31.0	80.6	9047.9	300.0	-30.3	-49.9	240.4	33.5	33.0	13.1	342.7	343.2	0.1	12.6	23.2	49.
32.9	84.5	9459.5	275.0	-36.3	-53.3	247.5	30.8	34.0	18.1	342.7	343.1	0.1	15.2	2.2	52.
35.0	88.7	10014.4	250.0	-45.4	-59.9	241.3	41.6	36.9	26.0	348.6	349.9	59.9	99.9	9	54.
37.0	93.0	10625.4	225.0	-53.4	-59.9	239.5	46.3	39.0	23.5	349.6	349.9	99.9	99.9	3	55.
39.7	97.6	12400.3	200.0	-51.7	-59.9	241.2	45.8	40.1	22.1	350.5	349.9	99.9	99.9	4	55.
41.8	102.8	13222.2	175.0	-55.2	-59.9	247.3	38.8	34.5	15.3	352.3	349.9	99.9	99.9	4	55.
44.3	109.3	14708.8	150.0	-63.4	-59.9	249.7	33.8	31.1	13.4	360.2	349.9	99.9	99.9	4	55.
46.9	114.3	15335.1	125.0	-68.2	-59.9	248.8	29.8	22.9	11.7	371.4	349.9	99.9	99.9	5	58.
50.0	121.3	16866.7	100.0	-71.3	-59.9	99.9	99.9	99.9	99.9	389.8	349.9	99.9	99.9	60.0	58.
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

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 0 BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
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116 93. 0

STATION NO. 24
 CHEEKASMA, OKLAHOMA
 7 JUNE 1979
 2305 GMT

TIME MIN	CNCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG R	POT R DEG R	E POT T DEG R	WX RTO GM/KG	RM PCT	RANGE "M	AZ DEG
00	99.9	393.0	982.0	31.7	21.2	188.0	8.0	-1.7	4.7	389.2	389.2	359.1	16.8	99.9	0.0	0.
01	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	999.9	999.
02	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	999.9	999.
03	10.9	466.3	950.0	31.1	28.2	175.6	20.9	-1.8	20.9	368.8	368.8	344.3	20.4	66.6	0.3	359.
04	13.3	766.1	925.0	28.8	22.8	180.3	14.9	0.1	14.9	308.8	308.8	281.2	19.2	69.9	1.1	357.
05	15.6	950.3	900.0	26.7	22.1	187.1	14.8	1.8	14.7	309.2	309.2	260.8	19.0	75.7	1.7	380.
06	19.0	1199.5	875.0	24.4	19.8	198.9	16.4	3.1	16.2	309.2	309.2	255.9	16.9	75.6	2.6	3.
07	20.4	1453.9	850.0	22.4	17.9	198.0	15.0	4.5	14.9	310.8	310.8	252.4	15.6	74.1	3.4	5.
08	22.8	1714.3	825.0	21.9	11.9	207.9	16.4	7.8	14.7	311.0	311.0	242.1	10.8	53.2	4.1	8.
09	25.2	1982.2	800.0	22.2	9.2	220.2	15.3	9.9	11.7	314.8	314.8	241.2	9.2	43.4	4.7	12.
10	27.7	2257.5	775.0	20.3	7.6	231.5	11.9	9.3	7.4	315.7	315.7	240.4	8.5	43.7	5.3	16.
11	30.3	2535.7	750.0	18.1	5.7	234.5	10.5	8.5	6.1	318.2	318.2	238.7	7.7	44.2	5.7	19.
12	32.9	2828.8	725.0	15.8	2.4	233.8	11.1	8.0	6.6	316.3	316.3	235.1	6.3	41.4	6.2	22.
13	35.5	3125.5	700.0	13.1	0.7	235.7	11.2	5.3	6.3	317.6	317.6	234.3	5.8	42.7	6.7	25.
14	38.1	3430.0	675.0	10.6	-0.4	240.3	8.7	7.6	4.3	317.6	317.6	233.1	5.5	46.2	7.2	27.
15	40.7	3743.1	650.0	7.8	-0.3	248.7	8.0	7.4	2.9	317.6	317.6	230.8	4.3	42.1	7.6	30.
16	43.3	4065.1	625.0	4.9	-0.9	256.0	7.4	7.2	1.8	318.1	318.1	229.3	3.6	41.9	8.0	32.
17	45.9	4398.6	600.0	1.9	-1.6	261.7	5.3	5.2	0.8	318.4	318.4	228.1	3.1	42.7	8.3	36.
18	48.5	4738.1	575.0	-0.5	-17.6	253.4	5.3	5.1	1.3	319.5	319.5	226.8	1.6	25.5	8.5	36.
19	51.1	5082.7	550.0	-2.1	-21.3	235.0	7.1	5.8	4.0	322.6	322.6	226.9	1.3	21.4	8.9	37.
20	53.7	5460.6	525.0	-4.7	-22.1	227.8	6.7	4.9	4.5	322.6	322.6	226.9	1.2	24.2	9.3	38.
21	56.4	5842.5	500.0	-7.6	-23.7	226.9	4.9	3.3	3.1	323.6	323.6	227.6	1.7	28.0	9.8	38.
22	59.0	6240.1	475.0	-9.7	-25.1	226.9	6.0	1.4	4.1	326.6	326.6	229.6	1.0	77.0	10.1	39.
23	61.6	6655.7	450.0	-11.8	-27.9	230.6	18.6	8.6	6.6	328.6	328.6	231.8	0.9	24.2	10.8	31.
24	64.2	7091.8	425.0	-14.2	-29.6	240.8	14.0	12.2	8.8	330.7	330.7	231.4	0.8	25.3	11.8	41.
25	66.8	7548.3	400.0	-18.0	-32.9	248.9	21.8	19.8	9.3	331.6	331.6	233.7	0.6	23.8	13.2	43.
26	69.4	8028.4	375.0	-20.3	-34.6	238.8	28.5	28.4	16.8	334.7	334.7	236.3	0.5	23.8	15.3	48.
27	72.0	8538.2	350.0	-22.4	-34.2	239.0	30.9	26.3	15.9	338.3	338.3	239.8	7.4	22.4	18.7	48.
28	74.6	9077.6	325.0	-24.9	-41.0	243.6	33.2	29.3	15.3	339.6	339.6	240.8	0.3	24.8	22.1	50.
29	77.2	9648.2	300.0	-32.3	-44.7	249.0	36.2	30.7	15.8	339.6	339.6	240.8	0.2	27.8	25.8	52.
30	79.8	10254.5	275.0	-37.7	-48.1	259.9	99.9	99.9	99.9	340.3	340.3	241.3	0.2	28.9	29.9	99.9.
31	82.4	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	999.9	999.
32	85.0	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	999.9	999.
33	87.6	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	999.9	999.
34	90.2	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	999.9	999.
35	92.8	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	999.9	999.
36	95.4	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	999.9	999.
37	98.0	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	999.9	999.
38	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	999.9	999.
39	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	999.9	999.
40	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	999.9	999.
41	99.9	99.9	0.0	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.

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 00 BY TEMP MEANS TEMPERATURE OR TIME HAVE AFM INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHILDRESS, TEXAS
7 JUNE 1979
1105 GMT

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TIME MIN	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	ROT R DEG R	E POT V DC K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.5	596.0	932.1	21.7	16.2	190.0	0.2	1.4	0.1	300.0	334.5	12.6	71.0	0.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	55.5	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	975.0	96.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	13.2	662.8	925.0	23.0	17.8	217.6	18.1	11.0	14.3	302.0	340.4	14.0	1.2	0.4	27.
1.1	15.5	902.5	900.0	23.1	15.6	224.7	21.5	15.2	15.3	305.4	339.6	12.5	62.7	1.1	35.
2.0	17.9	1150.0	875.0	24.9	15.6	236.6	24.1	20.2	13.3	311.7	339.6	9.9	37.5	2.2	44.
2.9	20.3	1405.9	850.0	25.0	9.8	247.7	20.7	18.6	8.5	312.5	339.6	9.0	37.1	3.6	50.
4.0	22.8	1667.8	825.0	24.6	6.7	251.7	18.5	17.6	5.8	314.6	339.6	8.6	36.4	4.7	55.
5.0	25.2	1936.9	800.0	22.8	7.2	251.7	16.4	15.7	4.9	315.2	339.6	8.0	35.5	5.7	58.
6.1	27.7	2212.2	775.0	20.2	5.9	254.7	15.1	14.6	4.0	315.2	337.6	7.6	35.3	6.7	61.
7.1	30.2	2494.1	750.0	17.6	5.2	258.8	13.5	13.3	2.6	315.5	337.6	7.4	43.4	7.5	62.
8.1	32.6	2782.9	725.0	15.3	4.5	256.6	11.6	11.3	2.7	316.2	337.6	7.3	48.3	8.3	64.
9.2	35.4	3079.4	700.0	13.1	1.9	255.1	9.0	8.8	1.5	317.1	335.7	6.3	48.3	8.9	65.
10.2	38.1	3364.1	675.0	10.3	1.2	250.3	6.0	6.8	1.5	317.2	335.6	6.2	52.9	9.4	65.
11.2	40.8	3697.3	650.0	7.7	1.0	244.9	9.5	9.5	0.8	317.7	336.2	6.4	62.4	10.0	66.
12.3	43.6	4019.5	625.0	4.8	-2.9	247.7	6.9	6.8	-1.0	317.5	332.9	5.0	57.4	10.5	68.
13.4	46.4	4350.9	600.0	1.8	-9.9	240.3	5.5	4.8	-2.6	318.2	330.7	4.1	56.7	10.8	69.
14.6	49.3	4657.5	575.0	-1.2	-9.5	314.6	6.2	4.4	-4.4	318.2	329.3	3.5	57.5	11.0	71.
15.7	52.2	5045.6	550.0	-3.3	-16.6	307.8	7.7	6.1	-4.7	320.2	324.5	2.0	35.8	11.2	73.
16.9	55.3	5412.3	525.0	-5.1	-30.3	300.4	8.0	7.6	-4.4	322.2	324.3	0.6	12.7	11.6	75.
18.3	58.4	5763.7	500.0	-7.4	-31.5	293.2	6.5	5.8	-2.7	324.6	323.9	0.4	11.9	12.4	76.
19.6	61.6	6191.1	475.0	-10.0	-33.9	315.3	3.5	2.5	-2.5	325.6	327.3	0.4	11.9	12.5	79.
21.0	64.9	6605.4	450.0	-12.4	-33.7	324.8	2.6	1.5	-2.1	327.4	329.1	0.5	15.1	12.5	79.
22.6	68.1	7036.6	425.0	-15.4	-40.2	308.4	3.0	2.3	-1.8	328.9	329.9	0.3	10.0	12.6	80.
24.2	71.7	7491.7	400.0	-19.4	-39.1	280.7	3.3	3.3	-0.6	329.2	331.0	0.3	15.4	12.8	81.
25.7	75.3	7970.3	375.0	-22.9	-41.8	254.6	4.5	4.3	1.2	331.2	332.3	0.3	15.7	13.2	81.
27.5	79.2	8472.3	350.0	-26.9	-45.0	252.3	6.8	6.4	2.1	332.8	332.2	0.2	16.0	13.7	81.
29.3	83.1	9004.1	325.0	-29.7	-47.3	255.9	16.4	15.9	4.0	335.8	333.4	0.2	16.1	14.8	80.
31.3	87.2	9575.0	300.0	-30.3	-49.0	255.2	30.5	29.8	7.9	342.6	343.3	0.1	13.9	17.8	79.
33.5	91.6	10168.4	275.0	-35.0	-52.7	258.0	41.5	40.2	10.1	344.2	344.9	0.1	14.3	22.7	79.
35.6	96.2	10845.6	250.0	-40.5	-59.9	251.5	47.1	44.7	14.9	345.5	345.9	0.1	15.4	28.4	78.
38.0	101.0	11555.2	225.0	-45.0	-69.9	250.7	46.1	43.5	15.2	348.2	349.9	0.1	15.9	35.3	76.
40.9	106.4	12330.4	200.0	-50.6	-59.9	244.1	43.6	39.2	19.1	352.2	349.9	0.1	16.1	42.9	75.
43.8	112.3	13187.1	175.0	-58.0	-59.9	242.4	41.7	37.0	19.2	356.2	349.9	0.1	16.1	49.9	73.
46.8	118.5	14142.6	150.0	-64.5	-59.9	247.4	40.3	37.2	15.5	358.8	349.9	0.1	16.1	57.4	72.
50.3	125.5	15244.2	125.0	-68.7	-59.9	249.2	31.7	29.6	11.3	371.4	349.9	0.1	16.1	64.7	72.
54.3	133.3	16593.0	100.0	-66.5	-59.9	99.9	99.9	99.9	99.9	399.2	349.9	0.1	16.1	71.0	72.
58.9	99.9	99.9	73.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64.9	99.9	99.9	53.0	55.9	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	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

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

STATION NO. 29
CHILDRESS, TEXAS
7 JUNE 1979
1607 GMT

TIME MIN	CNTCT	WEIGHT GRM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V OO K	E POT T OG K	MX WTD GPAKG	RH PCT	RANGE KM	AZ DG
0.0	12.7	588.0	933.4	24.4	18.6	330.8	8.2	4.7	4.8	303.5	338.4	12.9	82.0	0.0	0
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	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
0.9	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
0.2	13.5	675.7	925.0	25.0	17.4	224.3	14.3	10.0	10.2	304.5	342.0	13.7	82.9	0.5	28
0.9	19.8	916.3	500.0	24.5	15.3	234.7	16.3	13.3	9.4	306.7	340.4	12.3	56.5	0.8	32
1.6	19.2	1164.7	875.0	26.9	11.1	249.9	17.1	18.1	5.9	211.7	338.9	9.6	37.4	1.7	51
2.6	23.7	1628.9	850.0	27.6	8.9	253.0	15.2	15.1	4.6	315.6	339.6	8.5	31.1	2.4	56
3.5	23.2	1668.5	875.0	27.6	6.3	251.2	16.6	15.7	5.3	319.5	337.3	7.3	28.7	3.2	62
4.3	29.8	1954.1	800.0	24.1	4.8	249.3	16.0	14.9	5.7	316.6	336.8	6.8	28.7	4.1	64
5.2	29.2	2230.6	775.0	21.8	4.8	248.5	12.9	12.0	4.7	317.2	337.6	7.0	33.0	4.9	64
6.3	30.8	2513.5	750.0	18.7	4.0	251.6	11.4	10.8	3.6	316.5	337.0	6.8	37.6	5.6	65
7.4	33.4	2403.5	725.0	16.9	1.5	241.6	11.5	19.1	5.5	317.8	335.2	5.9	36.3	6.4	66
8.5	36.1	3160.9	700.0	13.9	-0.2	227.8	9.7	7.2	6.5	317.5	334.1	5.4	37.8	7.1	64
9.9	39.4	3430.3	675.0	11.4	-1.2	225.3	8.3	5.9	5.8	318.4	334.1	5.2	41.6	7.8	63
11.1	41.7	3720.3	650.0	8.6	-1.3	234.4	7.0	5.7	4.1	318.7	334.8	5.4	49.7	8.3	62
12.2	44.4	4043.1	625.0	5.8	-3.4	218.5	3.8	2.4	3.0	319.1	331.7	4.1	44.3	8.7	61
13.5	47.3	4375.6	600.0	3.2	-9.6	164.3	1.6	-0.4	1.5	319.6	329.5	3.1	38.4	8.8	61
14.8	53.3	4718.9	575.7	0.2	-13.1	201.2	2.4	0.9	2.2	320.2	327.0	2.4	36.0	8.8	60
16.0	53.3	5073.5	550.0	-2.2	-24.8	219.1	5.0	4.3	2.6	321.8	324.6	0.9	15.7	9.1	60
17.5	56.6	5468.9	525.0	-5.1	-28.8	253.1	5.4	5.2	1.6	322.3	324.6	0.7	13.5	9.6	60
18.9	59.5	5827.5	500.0	-6.9	-28.8	270.7	4.3	4.3	-0.1	324.7	327.1	0.7	15.5	10.0	61
20.0	62.6	6221.1	475.0	-9.1	-32.4	273.2	4.3	4.3	-0.2	326.7	328.6	0.5	13.0	10.2	62
21.4	66.0	6631.4	450.0	-12.0	-31.9	258.6	3.4	3.3	0.7	328.1	330.2	0.6	17.2	10.5	63
22.8	69.4	7071.4	425.0	-15.0	-34.9	241.3	3.3	2.9	1.6	329.4	331.5	0.5	16.4	10.8	63
24.3	72.8	7526.7	400.0	-18.8	-38.8	241.3	4.5	4.1	2.0	330.4	331.8	0.3	15.1	11.1	63
26.0	76.6	8089.4	375.0	-22.2	-41.9	250.0	8.9	6.8	2.4	332.2	333.1	0.3	14.8	11.7	63
27.6	83.3	8507.7	350.0	-25.8	-45.6	259.0	16.0	9.8	1.9	334.6	334.7	0.2	13.4	12.5	64
29.5	84.3	9042.3	325.0	-27.0	-48.5	251.9	16.7	19.9	5.2	339.5	340.2	0.2	13.6	13.8	65
31.6	89.3	9616.5	300.0	-25.9	-44.8	248.7	27.4	29.5	10.0	343.2	343.8	0.1	13.8	16.5	65
33.6	92.7	10231.1	275.0	-34.3	-52.3	252.4	37.1	35.4	17.1	345.2	345.7	0.1	14.3	20.5	67
35.7	97.2	10869.0	250.0	-40.3	-59.9	250.9	43.9	41.5	14.4	346.3	346.9	99.9	99.9	25.6	68
38.2	102.0	11601.6	225.0	-44.5	-59.9	248.8	44.3	41.3	16.8	350.3	348.9	99.9	99.9	32.5	68
40.4	107.3	12378.4	200.0	-45.9	-59.9	243.0	40.8	36.4	18.5	353.2	348.9	99.9	99.9	39.0	68
43.9	113.0	13238.4	175.0	-47.8	-59.9	241.0	42.8	37.4	70.8	355.5	348.9	99.9	99.9	46.6	67
48.9	119.0	14201.1	150.0	-64.1	-59.9	250.9	37.7	35.6	12.4	359.4	348.9	99.9	99.9	54.2	66
50.7	126.0	15307.6	125.0	-62.4	-59.9	253.6	30.7	29.0	8.5	371.2	348.9	99.9	99.9	61.3	67
54.3	131.3	16653.5	100.0	-62.5	-59.9	99.9	99.9	99.9	99.9	399.3	348.9	99.9	99.9	66.0	68
58.3	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
60.4	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
69.9	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 28
CHILDRESS, TEXAS
7 JUNE 1979
1755 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	PWT J DEG K	E POT Y DEG K	MM RTO GM/KG	RM PCT	RANGE AZ KM	135 RD. 8
0.0	12.9	598.0	934.1	31.2	15.2	230.0	6.2	4.7	4.0	310.4	343.1	11.7	38.0	0.0	
00.0	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	
00.0	99.9	99.9	978.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	
0.3	11.0	684.1	925.0	30.6	18.0	230.0	9.2	7.2	5.8	310.4	350.0	14.2	47.0	0.2	
1.0	16.3	928.6	900.0	27.2	16.0	231.5	8.6	6.9	6.5	309.4	345.1	12.8	50.1	0.5	
1.8	18.0	1177.4	875.0	25.0	14.5	232.9	7.5	6.0	4.5	309.4	343.1	12.0	51.9	0.9	
2.9	21.3	1431.3	850.0	22.8	13.1	238.9	7.9	6.8	4.1	310.6	341.4	11.2	54.2	1.4	
3.8	23.9	1692.1	825.0	20.6	8.4	237.5	10.9	9.2	5.9	314.4	339.0	8.5	55.8	1.8	
4.9	26.6	1961.7	800.0	18.4	6.6	240.5	13.4	11.6	6.6	318.5	339.3	7.7	57.3	2.7	
6.0	29.2	2238.1	775.0	16.7	4.7	243.1	11.9	10.6	5.4	317.2	337.6	6.9	58.0	3.6	
7.1	31.9	2521.4	750.0	15.7	3.0	240.2	11.5	10.0	5.7	318.0	336.9	6.3	59.0	4.3	
8.2	34.7	2811.7	725.0	14.8	0.3	236.3	11.2	9.6	6.4	317.6	334.2	5.4	60.0	5.0	
9.2	37.4	3109.4	700.0	14.2	-1.9	226.7	11.1	8.1	7.6	318.2	332.7	4.6	61.7	5.7	
10.2	40.2	3415.0	675.0	13.8	-3.9	218.6	10.5	6.6	8.2	319.0	331.9	4.2	63.0	6.3	
11.1	43.1	3725.2	650.0	12.8	-5.9	221.6	9.3	6.2	7.0	319.8	331.0	3.9	64.0	6.9	
12.2	46.0	4027.1	625.0	12.2	-3.2	235.0	10.2	8.4	9.9	318.1	333.1	4.8	64.2	7.5	
13.3	49.0	4384.5	600.0	12.9	-6.6	249.5	8.9	8.4	3.1	319.5	333.3	4.9	67.7	8.1	
14.4	52.1	4727.7	575.0	-0.3	-7.9	266.4	6.8	6.8	0.4	319.7	331.0	3.7	66.3	8.6	
15.4	55.3	5082.1	550.0	-2.7	-16.3	254.1	4.5	4.3	1.2	320.5	327.3	2.0	65.2	9.0	
16.9	58.4	5489.4	525.0	-4.8	-21.0	234.2	4.7	3.8	2.7	322.4	326.6	1.1	62.5	9.3	
18.4	61.7	5831.7	500.0	-4.5	-29.3	238.9	6.4	5.7	3.4	325.2	327.5	0.7	64.2	9.8	
19.4	65.0	6230.9	475.0	-6.9	-31.1	239.6	6.7	5.8	3.4	327.4	329.1	0.6	64.0	10.4	
21.3	69.6	6647.7	450.0	-11.1	-34.3	234.5	9.5	4.4	3.2	329.8	331.0	0.5	62.6	10.9	
22.7	72.1	7093.8	425.0	-14.5	-36.6	239.6	6.5	6.6	3.3	330.4	331.6	0.4	63.3	11.4	
24.0	75.8	7540.2	400.0	-18.3	-40.1	246.4	6.0	5.8	2.4	331.2	332.3	0.3	62.7	11.9	
25.5	79.6	8019.5	375.0	-21.1	-42.1	236.6	5.8	4.6	3.8	333.7	334.6	0.2	62.0	12.4	
27.0	83.6	8525.4	350.0	-24.1	-44.4	231.8	13.7	10.7	6.5	336.3	337.1	0.2	63.3	13.1	
28.5	87.8	9085.3	325.0	-28.1	-45.1	240.3	27.8	24.2	12.8	342.3	343.0	0.2	63.0	13.4	
30.6	92.0	9641.9	300.0	-29.5	-49.4	249.0	31.8	31.8	12.2	343.5	344.5	0.2	63.0	13.8	
32.5	96.6	10256.2	275.0	-35.1	-52.8	249.3	35.5	33.2	12.5	344.2	344.8	0.1	62.7	14.3	
34.6	101.4	10913.1	250.0	-40.3	-59.9	245.4	39.2	35.7	16.3	346.1	346.1	0.0	62.0	14.8	
36.5	106.5	11624.3	225.0	-45.0	-59.9	240.5	42.8	38.5	20.7	348.8	348.8	0.0	62.0	15.3	
38.6	112.0	12402.6	200.0	-50.8	-59.9	237.6	41.2	34.8	22.1	352.7	349.9	0.0	62.0	15.8	
41.1	118.0	13201.3	175.0	-57.3	-59.9	236.8	40.4	34.2	22.4	355.2	349.9	0.0	62.0	16.3	
43.9	124.3	14218.6	150.0	-64.4	-59.9	246.1	34.9	31.9	14.1	359.1	349.9	0.0	62.0	16.8	
47.9	131.3	15325.2	125.0	-68.7	-59.9	247.2	28.2	24.1	10.1	374.0	349.9	0.0	62.0	17.3	
50.9	139.0	16681.6	100.0	-68.4	-59.9	599.9	24.9	24.9	99.9	385.7	349.9	0.0	62.0	17.8	
00.0	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	
00.0	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	
00.0	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	

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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CHILDRESS, TEXAS
JUNE 7, 1979
1755 GMT

STATION NO. 25
CHILDRESS, TEXAS
7 JUNE 1979
2005 GMT

124 99. 0

TIME MIN	CHYCT	WEIGHT G/M	PRES MB	TEMP DC C	DEW PT DC C	DIR C	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 4 DC K	E POT T DC K	MI RTO CM/KG	RM MCT	RANGE KM	AZ DG
0.0	12.4	596.0	934.2	34.4	13.8	230.0	7.7	5.9	4.9	313.4	244.0	10.7	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
7.3	13.3	685.8	925.0	33.6	18.0	269.6	5.4	5.4	0.0	313.7	253.6	14.2	39.6	0.2	78.
1.2	15.6	932.6	900.0	30.2	16.5	261.6	4.5	4.5	0.7	312.4	350.0	13.3	43.8	0.4	83.
2.0	18.0	1187.8	875.0	27.5	15.1	247.8	4.8	4.8	2.0	312.2	347.7	12.6	47.3	0.6	80.
2.8	20.4	1440.4	850.0	25.1	14.6	234.5	4.3	5.1	3.7	312.5	347.9	12.4	51.0	0.9	74.
3.8	22.9	1702.3	825.0	22.9	13.5	226.9	6.7	4.9	4.6	312.4	346.4	11.9	55.3	1.2	66.
4.8	25.4	1963.9	800.0	20.4	12.3	221.8	5.6	6.4	7.2	312.5	345.0	11.3	59.4	1.7	60.
6.4	27.9	2244.2	775.0	17.9	11.7	217.9	11.7	9.9	6.2	312.5	337.3	7.1	35.3	2.8	54.
7.6	30.5	2527.0	750.0	15.4	10.4	246.6	11.1	10.2	4.4	318.2	235.3	5.7	28.6	3.6	57.
6.5	31.1	2918.8	725.0	17.9	-0.4	247.7	10.7	9.6	4.7	319.1	234.6	5.1	28.9	4.2	54.
9.5	35.8	3117.4	700.0	15.8	-1.6	244.2	11.1	10.0	4.9	319.1	333.9	4.9	31.9	4.8	59.
10.5	34.5	3423.7	675.0	12.0	-2.9	246.1	10.6	9.7	4.3	319.1	333.1	4.6	33.3	5.5	59.
11.6	41.2	3734.2	650.0	9.2	-2.3	242.9	10.1	9.7	3.0	318.4	318.5	5.0	44.1	6.1	60.
12.7	44.0	4041.5	625.0	6.3	-4.0	261.0	8.2	9.4	1.5	318.2	333.6	4.6	47.8	5.8	62.
13.8	46.8	4348.4	600.0	2.2	-5.4	261.7	8.4	9.3	1.2	319.8	332.9	4.3	53.5	7.0	64.
15.2	47.8	4737.5	575.0	-0.8	-9.8	260.4	7.3	7.4	1.2	320.6	329.6	3.2	47.6	7.9	65.
16.6	42.4	5192.2	550.0	-2.6	-15.6	256.6	5.8	5.3	1.3	321.6	327.8	2.1	36.0	8.5	61.
14.0	55.8	5460.2	525.0	-4.4	-24.5	249.5	4.9	4.6	1.7	323.2	326.6	1.0	19.0	8.9	64.
19.2	48.0	5842.2	500.0	-7.6	-24.1	235.9	7.1	5.9	4.0	323.4	327.5	1.1	25.0	9.3	66.
21.0	67.1	6140.2	475.0	-5.0	-31.5	228.1	8.2	6.1	5.4	323.4	328.8	0.6	14.1	10.1	65.
22.5	67.4	6657.3	450.0	-11.2	-34.9	220.4	8.4	5.4	6.4	329.1	230.7	0.4	12.1	10.8	64.
24.1	64.7	7067.5	425.0	-14.2	-33.6	220.1	9.5	6.4	7.6	330.7	232.8	0.5	17.3	11.6	62.
25.6	72.3	7550.4	400.0	-17.5	-36.3	228.3	15.0	10.8	10.4	332.2	333.8	0.4	17.6	12.6	60.
27.3	75.9	8036.6	375.0	-20.6	-38.7	231.9	22.9	18.0	14.1	334.4	335.7	0.4	17.9	14.5	59.
29.3	7.6	8540.0	350.0	-24.6	-42.2	236.4	27.9	23.2	15.4	336.7	340.7	0.3	13.5	17.1	58.
30.8	83.5	9087.5	325.0	-25.2	-45.2	241.6	32.6	28.6	15.5	341.5	242.7	0.2	13.4	20.4	58.
32.9	87.5	9657.4	300.0	-30.7	-46.8	241.1	34.3	30.2	16.6	342.1	242.8	0.2	18.7	24.5	59.
34.9	91.8	10269.2	275.0	-35.7	-50.9	238.2	35.8	30.4	18.8	342.8	344.0	0.1	19.1	28.9	59.
37.1	96.2	10926.4	250.0	-35.2	-59.9	236.6	37.7	31.5	20.8	347.4	999.9	99.9	99.9	33.6	59.
39.5	101.0	11639.4	225.0	-44.3	-59.9	232.4	42.5	33.6	26.0	349.2	999.9	99.9	99.9	39.5	58.
42.2	106.2	12415.7	200.0	-51.3	-59.9	235.7	41.4	34.2	23.3	351.2	999.9	99.9	99.9	46.2	57.
45.2	111.8	13276.4	175.0	-57.9	-59.9	242.0	38.3	33.8	35.4	354.2	999.9	99.9	99.9	53.5	56.
48.4	117.8	14230.0	150.0	-61.7	-59.9	238.1	29.3	24.9	15.5	360.2	999.9	99.9	99.9	60.1	58.
51.9	124.3	15341.7	125.0	-65.8	-59.9	231.6	27.2	21.3	16.9	375.4	999.9	99.9	99.9	65.7	54.
55.9	131.7	16674.0	100.0	-71.1	-59.9	999.9	99.9	99.9	99.9	390.2	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	55.5	599.8	55.9	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

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 4 DEG

STATION NO. 25
CHILDRESS, TEXAS
7 JUNE 1979
2212 GMT

131 82. 0

TIME MIN	CNTCT	WGTGHT GPM	PRFS MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 2 DG K	MX WTD GM/KG	RH PCT	RANGE AZ KM	DC
0-0	12-9	556-0	933-8	35-4	10-4	220-0	7-7	4-9	5-9	314-7	339-4	8-6	22-8	0-8	0-
99-9	99-9	1000-0	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	59-5	999-9	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	999-9	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	999-9	99-9	999-9	999-9	999-9
0-3	13-8	692-2	925-0	34-9	16-2	197-7	7-4	2-3	7-1	315-0	351-1	12-7	33-0	0-2	21-
0-9	16-2	930-5	500-0	32-6	15-9	198-5	7-2	2-3	6-8	315-1	351-3	12-7	36-6	0-4	20-
1-5	19-6	1189-5	475-0	30-1	14-3	201-0	6-5	2-3	6-0	315-0	348-7	11-6	38-3	0-7	19-
2-3	21-1	1481-4	850-0	27-6	13-6	202-5	6-4	2-5	6-0	315-1	348-3	11-7	42-3	0-9	21-
2-9	23-6	1765-3	625-0	25-3	13-2	197-9	6-7	2-1	6-4	315-2	348-7	11-7	47-1	1-2	21-
3-6	26-2	1974-6	600-0	22-1	11-6	202-7	5-5	2-1	5-1	314-7	345-6	10-8	51-4	1-5	20-
4-2	28-8	2249-6	775-0	19-6	11-2	212-1	6-6	3-5	5-6	314-6	346-0	10-9	58-2	1-6	21-
4-9	31-3	2531-3	750-0	16-8	10-1	212-2	6-3	4-4	7-0	314-2	344-2	10-5	64-9	1-9	23-
5-4	34-0	2819-4	725-0	13-8	9-6	230-0	8-2	6-2	5-2	314-2	344-4	10-4	75-6	2-4	26-
7-1	36-7	3116-6	700-0	11-0	1-6	243-9	7-7	6-9	3-4	318-0	336-3	6-2	82-9	2-9	33-
9-2	37-4	3472-3	675-0	11-9	-0-6	243-4	6-2	5-6	2-8	318-5	335-3	5-4	81-9	3-3	37-
9-2	42-2	3736-7	650-0	9-9	-3-3	240-2	4-5	4-2	2-4	319-1	333-1	4-6	82-0	3-6	39-
10-2	45-1	4070-0	625-0	6-1	-4-1	244-7	4-0	3-7	1-7	319-4	333-3	4-5	88-1	3-9	41-
11-4	47-0	4192-5	600-0	2-4	-6-5	258-0	4-3	4-2	0-9	318-5	331-0	3-9	91-9	4-1	42-
12-6	51-0	4735-2	575-0	-0-0	-9-7	277-1	5-5	5-5	-0-7	319-5	329-9	3-2	98-0	4-4	46-
13-5	54-0	5099-6	550-0	-3-0	-13-7	266-0	6-6	6-0	0-4	320-2	328-1	2-4	103-3	4-7	50-
15-0	57-1	5456-4	525-0	-5-3	-24-3	247-7	7-7	7-1	2-9	322-4	325-5	1-0	107-7	5-1	52-
16-2	62-3	5938-3	500-0	-8-6	-30-0	238-8	8-1	6-9	4-2	325-0	327-2	0-6	113-6	5-7	53-
17-5	68-6	6236-7	475-0	-5-7	-33-2	215-8	9-1	7-5	5-1	326-0	327-7	0-5	120-5	6-3	58-
19-1	66-9	6652-1	450-0	-12-0	-31-6	239-1	14-0	12-0	7-2	328-2	330-3	0-6	127-7	7-4	54-
20-7	73-3	7086-2	425-0	-13-5	-35-2	245-5	21-3	19-4	6-8	331-6	333-3	0-4	140-1	9-0	56-
22-2	73-9	7586-9	400-0	-16-7	-39-8	240-4	24-1	21-0	11-9	333-2	334-5	0-3	152-6	11-2	57-
23-8	77-6	8228-4	375-0	-15-8	-41-2	233-0	29-1	23-3	17-6	335-2	336-4	0-3	159-9	13-6	57-
25-6	81-3	8517-8	350-0	-20-3	-42-4	230-8	32-7	25-4	20-7	338-2	339-8	0-3	163-9	16-9	56-
27-5	85-3	9077-9	325-0	-24-3	-43-3	232-5	32-2	25-5	19-6	340-4	341-4	0-2	168-3	20-7	55-
29-5	89-4	9450-8	300-0	-21-4	-46-4	237-0	33-1	27-4	18-5	341-2	341-9	0-2	170-9	24-4	55-
31-6	93-8	10255-9	275-0	-36-2	-50-4	233-2	36-3	27-9	23-2	342-6	343-3	0-1	212-2	29-0	55-
33-9	94-4	10716-2	250-0	-40-4	-53-9	226-7	38-3	27-9	26-3	346-0	349-9	95-9	259-9	36-0	54-
36-3	103-4	11626-2	225-0	-45-8	-54-9	229-3	39-1	29-7	25-5	348-2	350-9	99-9	308-9	39-8	53-
39-8	109-6	12401-0	200-0	-51-7	-54-9	236-7	36-9	30-5	20-8	351-0	350-9	96-9	359-9	45-8	53-
41-5	114-5	13256-8	175-0	-56-3	-54-9	233-9	38-0	30-7	22-4	357-0	359-9	99-9	409-9	51-3	53-
44-5	123-8	14217-3	150-0	-64-1	-59-9	235-3	28-0	23-1	15-9	359-7	360-9	99-9	459-9	58-3	53-
48-5	127-7	15316-1	125-0	-68-7	-59-9	232-9	28-6	22-8	17-2	370-7	370-9	99-9	509-9	63-6	53-
52-6	135-7	16447-4	100-0	-76-4	-59-9	559-9	99-9	99-9	99-9	391-6	391-6	99-9	559-9	68-7	54-
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

7 JUN 1979
1105 GMT

125 96. 8

TIME MIN	CMCT	HEIGHT SPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG M	WZ RTD CM/KG	RM PCT	RANGE KM	AZ DG
0.8	32.9	584.0	930.4	21.5	18.1	180.0	9.7	0.0	9.7	300.6	138.6	14.2	81.0	0.0	0.
09.9	42.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	50.5	50.5	99.9	99.9	99.9	99.9
09.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	13.5	634.8	925.0	21.4	18.7	188.8	21.2	3.3	20.9	301.3	340.9	14.9	64.8	0.4	358.
0.9	13.4	873.7	500.0	22.1	17.6	190.0	21.2	4.9	20.8	304.2	342.7	14.2	71.3	1.0	4.
1.9	14.3	1120.0	875.0	25.0	10.9	205.7	23.8	11.8	20.7	310.4	337.0	5.4	39.9	2.3	16.
2.9	23.7	1175.0	850.0	25.1	9.5	215.4	23.1	13.4	18.6	312.2	337.7	8.8	37.1	3.6	23.
3.7	23.1	1436.9	825.0	24.4	8.8	220.0	20.4	13.1	15.6	314.4	339.3	6.7	37.0	4.8	26.
4.7	25.6	1905.9	800.0	22.6	7.4	229.4	17.4	13.1	11.6	315.2	338.9	8.1	37.6	5.8	29.
5.7	23.1	2141.0	775.0	20.1	6.9	232.0	15.2	12.4	9.7	315.4	339.0	8.1	42.4	6.7	33.
6.7	33.7	2463.3	750.0	18.1	5.8	232.7	15.2	12.1	9.2	316.2	340.4	8.3	47.8	7.6	35.
7.7	33.1	2752.6	725.0	15.6	5.4	239.7	13.3	11.3	6.9	316.2	339.5	7.8	50.7	8.4	37.
8.7	36.3	3249.3	700.0	13.4	2.2	243.7	12.6	11.3	5.6	317.3	336.5	6.4	46.6	9.1	39.
9.7	34.7	3354.4	675.0	10.9	-0.2	257.1	11.4	11.4	2.5	317.5	334.7	5.6	46.0	9.8	41.
10.9	41.4	3609.0	650.0	7.9	-0.8	262.8	10.5	10.5	1.3	317.5	334.6	5.6	54.0	10.3	44.
12.0	48.2	3900.1	625.0	4.6	-2.5	267.7	8.9	6.9	0.4	317.7	333.1	5.1	60.0	10.8	46.
13.2	48.3	4231.3	600.0	1.6	-5.4	283.6	7.9	7.0	-2.1	317.5	331.0	4.3	55.8	11.3	48.
14.5	53.0	4663.7	575.0	0.4	-15.4	311.1	7.8	5.5	-5.1	320.2	326.9	2.0	29.2	11.4	51.
15.7	53.0	5018.8	550.0	-1.5	-25.6	280.5	6.4	6.1	-1.8	322.2	325.3	0.9	13.8	11.6	54.
17.2	58.0	5347.4	525.0	-3.8	-30.6	259.3	6.8	6.7	1.3	323.9	325.6	0.6	10.2	12.0	55.
18.7	59.1	5770.7	500.0	-6.2	-34.0	249.8	7.2	6.8	2.5	325.5	327.8	0.4	8.8	12.6	56.
20.2	62.4	6165.8	475.0	-9.2	-36.0	257.5	6.4	6.3	1.4	325.8	327.9	0.4	5.1	13.2	57.
21.4	65.7	6585.3	450.0	-12.5	-37.7	264.9	5.4	5.4	0.5	327.4	329.5	0.5	16.5	13.7	58.
23.8	69.1	7315.5	425.0	-15.1	-34.2	274.0	5.3	5.3	-0.4	329.4	331.4	0.5	17.7	14.1	59.
25.3	72.6	7474.2	400.0	-17.5	-39.3	263.4	6.2	6.1	0.5	330.1	331.3	0.3	14.9	14.7	63.
27.4	75.3	7951.4	375.0	-22.6	-43.2	257.3	7.5	7.3	1.6	331.7	332.5	0.2	13.1	15.2	61.
29.4	80.0	8451.5	350.0	-26.6	-46.2	264.8	8.1	8.0	0.7	333.0	333.6	0.2	13.5	16.4	62.
31.5	84.0	8984.8	325.0	-30.8	-49.5	251.1	9.1	8.6	2.9	334.3	334.8	0.1	13.9	17.3	63.
33.8	88.2	9549.4	300.0	-35.6	-51.6	237.8	10.8	17.1	9.9	336.2	338.5	0.1	14.2	18.0	63.
35.8	92.5	10158.8	275.0	-39.8	-53.3	237.7	30.8	30.9	19.6	343.4	343.6	0.1	14.4	22.7	62.
39.4	97.0	10816.7	250.0	-39.2	-56.0	236.1	48.2	40.0	26.9	347.7	348.1	0.1	14.7	27.2	61.
42.9	101.0	11529.9	225.0	-44.5	-59.9	232.0	44.9	36.9	28.9	350.2	349.9	9.9	55.9	36.6	60.
44.0	107.3	12308.1	200.0	-50.9	-64.9	225.7	44.7	32.0	31.2	352.2	349.9	9.9	59.9	44.9	58.
47.4	113.2	13165.7	175.0	-54.5	-69.9	228.7	42.4	32.0	28.2	356.7	359.9	9.9	55.9	51.7	56.
53.9	119.5	14132.0	150.0	-63.0	-69.9	234.6	44.7	36.4	23.9	361.4	359.9	5.8	99.9	62.5	55.
54.5	125.5	15238.9	125.0	-65.9	-69.9	232.4	28.4	23.3	17.9	375.4	399.9	5.9	55.5	71.3	55.
59.0	134.3	16555.0	100.0	-64.1	-64.1	59.9	99.9	99.9	99.9	404.0	599.5	5.9	66.8	99.9	99.9
94.9	91.3	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	94.9	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	94.9	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

7 JUNE 1979
1405 GMT

129 96. 8

TIME MIN	CATCY	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT P DG K	E POT T DG K	M3 RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	594.0	931.4	24.6	17.6	180.0	10.3	0.0	10.3	303.6	341.0	13.7	65.0	0.0	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	999.9	999.9
0.0	99.9	99.9	935.0	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	99.9	96.9	553.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	13.5	648.6	525.0	23.3	17.6	190.5	13.4	2.8	15.1	303.2	340.4	13.8	70.0	0.6	6.
1.2	15.9	886.0	900.0	22.4	16.9	201.6	18.6	6.0	17.3	304.6	341.5	13.6	71.2	1.3	11.
7.0	14.3	1131.7	875.0	27.3	10.4	217.5	11.2	14.5	11.2	312.2	338.2	9.1	34.8	2.2	20.
2.9	20.7	1386.5	850.0	26.4	7.6	228.1	11.2	12.3	11.2	315.9	338.6	7.8	27.0	3.1	26.
3.9	21.2	1652.4	825.0	26.2	6.8	228.1	12.7	12.9	12.7	316.7	336.4	7.6	29.1	4.0	30.
4.8	21.7	1922.3	800.0	24.0	5.7	228.2	12.1	12.1	12.1	316.7	337.9	7.2	30.8	5.1	33.
5.8	24.2	2198.7	775.0	21.8	4.7	228.5	11.4	10.6	11.2	317.3	337.0	7.0	32.8	5.9	35.
6.7	10.8	2491.7	750.0	18.9	2.5	228.1	11.7	9.8	10.9	317.3	335.3	6.1	33.4	6.8	36.
7.7	31.4	2772.1	725.0	17.2	2.4	221.4	11.7	7.7	6.8	316.4	337.2	6.3	36.0	7.6	37.
8.7	16.1	3070.4	700.0	14.9	1.2	223.1	6.7	6.2	6.2	319.0	336.9	6.0	39.5	8.2	37.
9.7	31.0	3176.8	675.0	12.1	0.2	237.0	6.1	6.8	4.4	319.2	336.5	5.8	43.9	8.7	38.
10.7	41.6	3691.6	650.0	5.1	-1.5	251.1	7.6	7.3	2.1	319.3	335.3	5.3	47.3	9.1	39.
11.8	48.3	4315.1	625.0	6.2	-2.7	261.5	7.6	7.5	1.1	319.1	334.8	5.0	52.9	9.5	41.
13.0	47.2	4147.6	600.0	2.9	-2.8	269.8	6.8	6.7	1.1	319.4	335.2	5.2	66.3	9.9	43.
14.3	50.1	4692.7	575.0	-0.3	-2.2	259.7	5.4	5.2	1.2	319.6	336.7	5.7	87.3	10.3	45.
15.5	53.1	5048.7	550.0	-3.6	-8.8	271.0	3.0	3.0	-1.1	319.6	330.9	3.6	87.2	10.6	46.
16.9	59.3	5411.3	525.0	-5.2	-21.9	240.2	2.3	2.0	1.1	322.2	326.4	1.3	25.5	10.6	46.
18.3	59.4	5753.4	500.0	-6.7	-29.5	237.6	6.4	5.4	3.4	324.5	327.2	0.7	14.2	11.0	46.
19.9	62.6	6192.0	475.0	-9.0	-32.4	235.6	6.5	5.3	3.6	326.5	326.7	0.5	12.9	11.0	47.
21.4	65.9	6608.0	450.0	-11.9	-30.0	234.7	5.8	4.6	3.5	328.2	330.7	0.7	20.7	12.2	47.
23.2	69.3	7042.2	425.0	-15.3	-30.0	223.7	5.2	3.6	3.8	329.4	332.0	0.7	27.0	12.8	48.
25.1	72.9	7457.1	400.0	-18.4	-33.5	218.9	4.6	2.9	3.6	331.1	333.1	0.6	25.0	13.3	47.
26.9	76.4	7975.5	375.0	-21.9	-41.1	223.6	6.1	4.0	4.6	322.6	333.7	0.3	15.6	13.9	47.
29.0	80.3	8479.8	350.0	-25.5	-43.9	229.4	10.0	7.6	6.5	334.4	335.2	0.2	15.9	14.6	47.
30.9	84.2	9012.9	325.0	-29.7	-47.2	236.4	13.0	10.8	7.2	335.6	336.4	0.2	16.3	16.2	47.
33.0	88.3	9580.3	300.0	-31.8	-48.9	236.7	23.7	19.8	13.0	348.5	341.1	0.1	16.5	19.1	48.
35.0	92.8	10192.2	275.0	-34.5	-51.0	236.7	38.5	32.2	21.2	345.2	345.7	0.1	16.7	22.0	50.
37.6	97.4	10952.6	250.0	-39.2	-59.9	235.4	44.2	36.4	25.1	347.7	349.9	0.1	16.7	22.0	50.
40.2	102.4	11565.7	225.0	-45.1	-99.9	235.0	43.1	35.3	23.7	349.5	349.9	0.1	16.7	22.0	50.
43.2	107.6	12343.3	200.0	-50.2	-59.9	235.0	41.8	32.9	25.8	353.2	349.9	0.1	16.7	22.0	50.
46.3	113.4	13202.5	175.0	-47.2	-59.9	228.0	40.9	30.4	27.4	355.4	349.9	0.1	16.7	22.0	50.
49.8	119.7	14162.5	150.0	-63.5	-93.9	238.6	38.9	30.1	21.4	368.6	349.9	0.1	16.7	22.0	50.
51.4	126.7	15278.7	125.0	-65.4	-99.9	237.2	23.5	20.1	12.9	376.6	349.9	0.1	16.7	22.0	50.
57.5	138.5	16628.0	100.0	-66.3	-99.9	99.9	99.9	99.9	99.9	399.7	349.9	0.1	16.7	22.0	50.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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

STATION NO. 26
CLINTON SHERMAN, OLLANDORA
7 JUNE 1979
1705 GMT

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 1 DG M	E POT 1 DG K	HR RTO GM/KG	RM PCT	RANGE AZ KM	95.0
0.0	12.4	586.0	933.2	30.0	16.4	180.0	8.1	0.0	4.1	309.2	344.5	12.7	44.0	0.0	0.0
00.9	08.9	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
03.7	93.0	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
05.3	13.2	682.9	925.0	26.5	18.4	180.0	8.2	0.6	8.5	308.4	348.4	14.6	54.3	0.3	352.0
1.1	15.5	906.1	900.0	24.3	17.5	180.0	9.2	0.7	9.2	308.4	347.5	14.1	54.3	0.6	358.0
1.8	17.4	1159.1	875.0	24.4	16.9	180.0	5.5	1.4	9.4	309.2	347.6	14.0	62.8	1.0	1.0
2.7	27.2	1807.5	850.0	21.2	15.7	180.0	10.8	3.6	10.1	308.4	345.2	13.4	70.9	1.5	4.0
3.4	22.6	1616.4	875.0	21.8	11.8	215.6	12.6	7.4	10.3	311.7	342.2	10.9	52.6	2.1	11.0
4.8	25.0	1915.1	800.0	24.1	6.6	217.1	15.1	9.1	12.1	316.5	339.7	7.8	32.8	3.1	21.0
5.8	27.5	2211.7	775.0	21.6	4.9	217.3	14.2	8.6	11.3	317.0	337.7	7.0	33.7	4.0	25.0
6.9	33.0	2454.6	750.0	15.5	3.0	216.2	14.0	6.2	11.3	317.2	336.7	6.4	33.5	4.9	27.0
7.9	37.6	2785.0	725.0	16.8	1.1	213.4	15.1	8.1	12.8	317.5	335.1	5.7	34.6	5.7	28.0
9.9	35.1	3082.7	700.0	14.1	-0.6	218.3	14.0	7.9	11.6	318.1	333.9	5.2	36.4	6.7	29.0
10.0	37.7	3386.6	675.0	11.7	-0.1	217.2	12.4	7.5	9.8	314.6	335.6	5.7	48.1	7.5	23.0
11.0	47.4	3702.9	650.0	9.2	-2.1	220.8	10.4	6.8	7.9	219.4	338.7	5.1	45.1	8.1	30.0
12.0	43.1	4206.4	625.0	6.5	-2.3	223.4	8.5	5.8	6.1	219.4	335.5	5.2	51.4	8.7	31.0
13.1	45.9	4359.9	600.0	3.5	-5.4	223.7	6.8	4.7	4.9	320.2	333.4	4.3	52.0	9.2	32.0
14.3	44.8	4703.7	575.0	0.4	-7.4	212.8	5.1	2.8	4.3	320.2	332.3	3.6	55.8	9.6	32.0
15.6	51.7	5049.2	550.0	-3.0	-11.7	182.5	5.4	1.7	5.1	320.7	329.5	2.9	51.1	10.0	32.0
16.9	54.7	5425.9	525.0	-4.2	-20.7	222.4	6.9	4.7	5.1	323.4	328.0	1.4	26.2	10.5	31.0
18.2	57.7	5905.8	500.0	-7.6	-26.7	213.6	7.7	6.2	4.6	326.2	329.2	0.9	17.0	11.0	33.0
19.4	63.8	6210.1	475.0	-8.4	-24.1	231.6	8.6	6.7	5.3	327.6	330.1	0.7	16.9	11.5	34.0
20.4	64.0	6626.4	450.0	-12.0	-30.6	224.2	7.8	5.4	5.6	328.1	330.3	0.7	16.5	12.2	34.0
22.3	61.3	7062.0	425.0	-14.7	-30.2	223.0	6.9	4.5	5.2	330.1	332.7	0.7	25.4	12.8	35.0
24.2	70.7	7418.2	400.0	-17.8	-34.7	223.0	8.1	5.5	5.9	331.9	333.1	0.3	14.1	13.6	35.0
25.9	74.2	7897.8	375.0	-21.3	-39.2	220.8	8.9	4.5	5.2	333.2	334.7	0.3	17.9	14.5	36.0
27.8	77.9	8302.7	350.0	-24.2	-42.4	213.3	6.7	3.6	5.6	334.6	335.7	0.3	18.2	15.1	36.0
29.7	81.7	8738.6	325.0	-27.2	-45.2	213.2	16.7	9.2	14.0	339.2	340.0	0.2	16.1	16.2	35.0
31.4	85.7	9111.0	300.0	-30.5	-47.8	224.6	27.5	19.3	19.6	342.4	343.0	0.2	16.3	17.2	36.0
34.3	89.8	10226.1	275.0	-33.8	-50.5	239.7	35.7	29.1	20.6	346.2	348.8	0.1	16.8	23.2	39.0
36.2	94.2	10746.5	250.0	-39.4	-53.9	230.8	40.6	33.2	23.4	347.2	349.9	99.9	99.9	28.3	41.0
39.3	97.0	11501.3	225.0	-44.1	-59.9	230.8	39.7	30.7	25.1	350.9	359.9	99.9	99.9	35.5	44.0
42.1	104.0	12179.8	200.0	-50.3	-64.8	223.6	41.2	26.4	29.8	353.2	359.5	99.9	99.9	42.1	44.0
45.1	107.3	13741.4	175.0	-58.2	-69.9	224.4	41.4	29.0	29.6	357.1	359.9	99.9	99.9	49.4	44.0
48.1	115.3	14205.3	150.0	-63.5	-69.9	231.1	37.8	24.4	23.7	360.2	359.9	99.9	99.9	57.4	45.0
51.7	121.6	15110.7	125.0	-66.5	-67.9	230.9	23.8	19.4	13.7	369.9	359.9	99.9	99.9	63.4	46.0
55.7	129.3	16515.3	100.0	-68.4	-69.9	99.9	99.9	99.9	99.9	369.5	369.5	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	-65.9	-65.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
94.9	94.9	99.9	50.0	-55.9	-55.9	99.9	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	-65.9	-65.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO. 26
CLINTON SHERMAN, DELAWARE

7 JUNE 1978

128 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEB PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DC M	E POT T DC K	WZ RTO CM/KG	RM PCT	RANGE KM	AZ DC
0.0	12.6	984.0	933.0	33.7	15.2	180.0	7.7	0.0	7.7	313.8	346.2	11.7	33.8	0.0	0.
00.0	09.9	90.9	1008.0	09.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	59.9	999.9	999.9	999.9
00.0	09.9	99.9	975.0	09.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	59.9	999.9	999.9	999.9
00.0	09.9	99.9	950.0	09.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	59.9	999.9	999.9	999.9
0.2	13.3	661.9	525.0	32.1	19.6	184.4	9.6	0.7	9.6	312.1	353.3	14.8	44.8	0.4	35.0
1.2	15.7	908.1	900.0	29.8	17.6	184.1	11.0	0.8	11.0	312.3	352.6	14.5	48.5	0.9	35.0
2.2	18.1	1159.3	875.0	27.4	16.1	184.0	11.9	0.8	11.9	312.3	349.5	17.3	50.0	1.6	1.
3.4	20.5	1615.7	850.0	25.3	14.6	184.9	11.1	0.9	11.0	312.7	347.6	12.4	51.4	2.4	2.
4.4	22.9	1677.5	825.0	22.9	13.0	191.1	10.9	2.1	10.7	312.2	345.4	11.6	54.0	3.0	3.
5.1	25.5	1945.3	800.0	21.5	10.1	207.2	8.4	6.6	12.8	314.1	342.2	9.8	48.2	3.7	6.
6.1	28.0	2220.7	775.0	21.7	6.6	212.3	14.6	7.8	12.4	317.3	340.4	7.9	37.7	4.4	10.
7.0	31.6	2504.0	750.0	19.4	1.7	206.5	14.4	6.4	12.9	317.7	335.0	5.0	30.6	5.1	13.
7.9	34.2	2754.5	725.0	17.6	-0.6	206.5	13.5	6.0	12.1	318.7	334.0	5.1	29.0	5.8	14.
8.8	36.8	3092.8	700.0	15.3	-3.4	210.0	13.2	6.6	11.5	319.4	332.4	4.2	27.3	6.5	16.
9.4	38.5	3359.2	675.0	12.0	-1.2	215.3	12.8	7.4	10.4	319.1	334.9	5.2	40.2	7.3	18.
11.3	41.2	3713.4	650.0	9.2	-1.2	215.8	11.9	6.9	9.6	319.4	335.1	5.2	46.0	8.2	20.
12.3	43.0	4037.1	625.0	6.3	-5.8	212.0	9.9	5.2	8.4	319.6	331.0	3.7	38.4	9.0	21.
13.6	46.9	4370.1	600.0	3.4	-5.9	216.9	8.5	5.1	6.8	320.4	332.7	4.1	50.4	9.7	22.
14.9	49.9	4713.5	575.0	0.4	-8.1	215.5	7.7	4.5	6.3	320.4	331.6	3.0	52.8	10.3	23.
16.2	53.8	5064.3	550.0	-2.7	-11.8	217.9	8.1	5.0	6.4	320.5	329.8	2.8	49.4	10.9	24.
17.5	55.9	5435.6	525.0	-4.1	-20.1	224.3	7.0	4.9	5.0	323.1	326.3	1.5	27.5	11.4	24.
18.8	58.0	5819.5	500.0	-5.8	-24.8	222.9	7.8	5.3	5.7	326.0	329.5	1.0	20.4	11.9	25.
20.1	6.3	6220.1	475.0	-8.0	-27.4	217.2	7.8	4.7	6.2	328.6	331.0	0.8	19.2	12.6	26.
21.6	6.5	6637.0	450.0	-11.7	-33.7	204.2	8.8	3.6	8.0	328.4	330.6	0.7	18.8	13.3	26.
23.1	6.9	7072.7	425.0	-14.7	-29.2	200.1	8.6	3.0	8.1	330.2	333.0	0.8	27.6	14.1	26.
24.9	7.4	7529.2	400.0	-17.8	-36.5	201.7	8.4	3.1	7.8	333.4	333.4	0.4	17.6	15.0	26.
26.8	7.1	8008.5	375.0	-21.4	-39.3	192.3	9.2	2.0	9.0	333.3	334.5	0.3	17.9	15.9	25.
28.4	7.9	8514.1	350.0	-24.5	-41.5	208.8	15.4	7.4	13.5	335.6	336.8	0.3	18.2	17.0	25.
30.3	8.7	9051.6	325.0	-26.6	-43.5	218.5	17.2	17.2	21.7	340.0	341.0	0.2	18.3	19.3	26.
32.2	8.8	9627.8	300.0	-29.1	-45.5	222.6	32.9	22.3	24.2	344.2	345.2	0.2	18.5	22.9	26.
34.5	9.2	10242.5	275.0	-34.7	-49.2	227.2	36.0	28.4	24.5	348.5	345.5	0.2	21.1	27.4	31.
37.1	9.8	10900.6	250.0	-39.6	-53.3	224.5	37.5	26.3	26.7	347.2	347.6	0.1	21.5	32.9	34.
39.1	10.8	11615.9	225.0	-42.7	-59.9	222.8	40.2	27.3	29.5	351.5	349.9	95.9	995.9	39.0	35.
42.4	10.7	12397.1	200.0	-50.1	59.9	221.9	41.6	27.8	31.0	353.4	349.9	90.9	995.9	45.7	36.
44.4	1.4	13256.3	175.0	-56.6	59.9	227.2	38.0	27.6	25.8	359.9	349.9	99.9	999.9	53.0	37.
49.0	11.0	14217.7	150.0	-62.7	59.9	231.7	33.1	26.1	20.8	362.1	349.9	99.9	999.9	60.7	38.
52.9	12.0	15329.2	125.0	-67.3	59.9	225.1	26.1	18.5	18.4	373.1	349.9	99.9	999.9	67.5	40.
57.6	13.0	16670.4	100.0	-68.1	59.9	999.9	99.9	99.9	99.9	390.1	349.9	99.9	999.9	999.9	999.9
99.9	92.9	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	92.9	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	92.9	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

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

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

7 JUNE 1979
2305 GMT

125 100. 0

TIME MIN	CHCT	HEIGHT GM	PRES MB	TEMP J6 C	DFW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.7	584.0	933.3	34.0	12.3	180.0	7.7	0.0	7.7	313.9	341.6	9.7	26.0	0.0	0.
00.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
01.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02.1	13.5	645.2	925.0	34.2	15.7	186.7	12.3	1.9	12.1	314.2	349.1	12.3	31.2	0.5	0.
1.0	15.9	912.7	930.0	32.4	14.8	180.5	13.2	1.5	13.1	314.5	348.7	11.9	34.7	0.8	0.
2.0	19.4	1165.7	935.0	29.8	14.5	183.5	13.8	1.3	13.7	314.7	348.8	12.0	37.5	1.7	0.
3.0	23.8	1427.7	950.0	27.2	14.3	187.8	13.8	1.9	13.6	314.8	349.2	12.2	45.2	2.6	0.
4.0	27.4	1673.3	965.0	24.8	14.0	192.3	14.2	1.8	14.1	314.8	349.9	12.3	51.3	3.3	7.
5.0	31.9	1956.5	980.0	22.4	13.3	195.1	14.9	1.1	14.9	315.0	349.6	12.2	56.6	4.1	7.
6.4	24.5	2332.3	735.0	19.6	12.2	195.2	10.4	1.0	10.3	314.5	348.0	11.6	62.3	5.0	6.
7.2	31.1	2511.6	750.0	16.9	10.0	192.6	12.6	2.7	12.3	314.5	344.7	10.4	64.0	5.6	6.
8.0	33.9	2902.4	725.0	14.8	8.3	203.9	12.5	6.1	10.9	315.7	343.3	9.6	65.3	6.2	6.
9.9	36.6	3199.2	702.3	13.9	2.0	210.9	13.1	7.8	10.4	317.6	336.9	6.4	46.0	6.8	10.
10.9	39.3	3402.4	675.0	12.3	-0.6	221.7	10.5	7.4	7.5	319.4	335.8	5.5	41.1	7.6	13.
11.2	42.1	3402.4	650.0	9.7	-2.6	231.8	8.9	7.2	5.3	319.5	334.7	4.9	41.8	8.0	16.
12.6	45.3	4244.5	625.0	6.4	-5.5	235.6	5.3	7.7	5.2	320.0	332.6	4.1	41.6	8.5	19.
13.4	47.7	4378.3	600.0	3.7	-5.3	233.5	9.4	7.8	5.0	320.4	333.6	4.3	51.0	9.2	22.
14.2	51.7	4722.1	575.0	0.4	-5.6	231.3	5.4	7.3	5.9	320.2	334.0	4.4	63.8	9.9	24.
16.5	51.7	5076.9	550.0	-2.7	-9.6	227.4	8.4	6.2	5.7	320.5	331.4	3.4	59.3	10.5	26.
18.1	53.9	5444.6	525.0	-4.4	-23.3	224.3	7.9	5.5	5.7	323.1	327.0	1.1	21.0	11.2	27.
19.6	63.0	5827.9	500.0	-5.3	-33.5	219.7	8.4	5.4	6.5	326.4	326.2	0.4	8.7	11.9	29.
21.1	63.3	6224.4	475.0	-8.2	-32.7	212.2	7.7	4.5	6.2	327.8	329.6	0.5	11.8	12.6	29.
22.7	60.6	6845.4	450.0	-11.3	-34.6	201.2	9.9	3.6	9.2	329.0	330.1	0.3	8.3	13.4	29.
24.5	70.1	7061.6	425.0	-13.7	-36.7	192.6	12.2	4.2	11.9	331.4	332.8	0.4	12.3	14.5	28.
26.2	73.7	7539.4	400.0	-17.2	-39.2	213.1	17.3	9.4	14.5	332.7	333.8	0.3	12.6	16.0	28.
28.0	77.4	8020.3	375.0	-20.6	-41.7	220.1	24.0	15.4	18.3	334.2	335.3	0.3	12.9	18.3	29.
30.0	81.3	8528.2	350.0	-23.9	-44.9	217.4	28.1	17.9	22.3	339.2	340.0	0.2	10.4	21.6	30.
32.1	93.3	9070.0	325.0	-26.8	-47.6	215.7	35.5	20.8	25.0	341.1	341.8	0.2	10.8	25.1	32.
34.1	80.4	8645.1	300.0	-30.3	-48.4	220.8	35.3	23.1	28.0	342.7	343.3	0.2	15.1	29.3	33.
36.7	93.8	10257.2	275.0	-34.4	-51.7	219.3	34.7	22.0	24.9	344.0	344.5	0.1	14.8	34.5	34.
39.5	65.6	10917.1	250.0	-39.0	-54.8	216.4	40.5	24.3	32.9	349.1	348.4	0.1	14.7	40.5	35.
42.0	13.4	11431.1	225.0	-44.6	-59.0	215.1	39.0	24.6	30.3	350.1	349.9	0.1	999.9	47.1	35.
45.0	103.4	12409.8	200.0	-50.0	-59.9	228.8	36.7	26.2	28.5	353.7	349.9	0.1	999.9	53.8	36.
49.0	114.5	13749.8	175.0	-56.3	-59.9	230.9	35.3	27.4	27.2	351.0	349.9	0.1	999.9	60.5	37.
51.6	121.0	14235.1	150.0	-62.3	-62.3	229.3	27.0	17.5	20.6	362.7	349.9	0.1	999.9	66.9	39.
53.1	123.0	15162.7	125.0	-68.1	-57.9	223.7	27.3	18.8	20.3	371.4	349.9	0.1	999.9	73.3	39.
55.8	135.0	16580.2	100.0	-69.7	-69.7	99.9	99.9	99.9	99.9	393.1	349.9	0.1	999.9	99.9	99.9
91.9	93.9	99.9	75.0	53.0	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	55.9	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	53.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

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

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 OF POOR QUALITY

STATION NO. 27
ELMORE CITY, CALIFORNIA
7 JUNE 1979
1108 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRSS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DEG H	E POT 1 DEG K	WX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.2	320.0	985.3	23.7	22.5	198.0	4.0	1.0	5.9	300.5	347.6	18.1	93.0	0.0	0.
0.5	99.9	1000.0	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
1.0	11.5	451.6	999.0	27.0	22.7	187.1	18.9	1.8	18.0	381.4	357.5	18.6	93.1	0.3	2.
1.2	13.9	485.6	925.0	22.0	21.6	193.3	19.0	4.4	18.5	302.4	350.1	17.9	93.2	1.0	6.
2.0	16.4	425.2	500.0	21.4	20.3	208.4	22.9	10.9	20.1	303.6	349.0	17.0	93.5	2.0	13.
2.5	18.9	1170.3	875.0	22.7	18.4	221.7	25.3	16.8	18.9	307.4	333.3	5.3	47.1	3.3	22.
3.7	21.4	1423.4	850.0	25.1	8.9	223.6	21.7	15.5	15.2	310.3	334.6	8.5	40.3	4.4	29.
4.7	23.9	1083.0	825.0	21.6	7.8	219.9	19.4	12.5	14.9	311.5	334.6	6.1	40.9	5.5	32.
5.5	26.4	1944.9	800.0	19.1	6.1	218.0	19.5	12.2	15.2	313.5	332.8	7.4	42.8	6.5	33.
6.5	29.0	2220.9	775.0	17.1	5.8	224.2	18.3	12.8	15.1	312.2	333.9	7.5	47.3	7.6	34.
7.5	31.7	2494.0	750.0	14.4	4.0	224.0	17.0	11.8	12.2	312.2	331.9	6.8	49.5	8.7	35.
8.4	34.3	2765.6	725.0	12.0	-1.2	231.0	12.5	9.7	7.9	313.8	328.2	4.9	37.7	9.5	36.
9.3	37.0	3379.0	700.0	10.1	3.0	243.7	10.0	8.9	4.4	313.7	333.6	6.8	61.1	10.0	37.
10.2	39.8	3961.0	675.0	7.8	1.7	250.2	10.0	9.4	3.4	314.4	333.2	6.4	65.1	10.4	39.
11.2	42.6	3691.0	650.0	4.9	-0.1	247.2	10.8	9.9	4.2	314.6	331.9	5.9	69.9	11.0	40.
12.3	45.4	4009.0	625.0	2.2	-4.5	241.9	11.4	10.1	5.4	315.0	328.2	4.4	21.4	11.6	42.
13.3	48.4	4339.0	600.0	1.2	-15.1	233.9	14.0	11.3	8.3	317.5	323.8	2.0	28.6	12.4	43.
14.4	51.4	4660.0	575.0	-1.2	-14.0	235.3	18.9	12.7	7.8	318.2	325.7	2.3	37.2	13.4	44.
15.4	54.4	5033.0	550.0	-3.5	-21.2	250.3	12.3	11.6	4.1	320.2	324.2	1.3	23.0	14.3	45.
16.9	57.4	5396.1	525.0	-5.9	-23.7	245.3	13.6	12.7	4.8	321.3	324.9	1.1	23.0	15.1	47.
18.1	62.6	5779.7	500.0	-8.3	-21.2	245.7	18.1	14.7	6.7	322.9	327.5	1.4	34.7	16.2	48.
19.4	63.9	6175.5	475.0	-10.7	-24.7	250.6	15.5	14.6	5.2	324.7	327.3	0.7	21.0	17.4	49.
20.8	67.3	6566.3	450.0	-13.1	-41.8	268.5	9.4	9.3	0.9	326.2	327.6	0.2	7.0	18.4	51.
22.1	70.7	7023.1	425.0	-15.3	-59.6	268.0	9.7	9.7	0.7	329.4	329.5	0.0	1.0	19.8	52.
23.5	74.3	7477.7	400.0	-18.9	-48.2	268.1	12.6	12.4	2.2	330.5	330.9	0.1	5.7	19.7	53.
24.9	78.0	7958.9	375.0	-23.8	-43.1	248.0	13.8	12.7	5.6	334.2	334.4	0.0	1.0	20.7	54.
26.3	81.7	8433.7	350.0	-23.7	-65.1	238.4	17.2	14.7	9.0	336.8	336.8	0.0	1.0	22.0	55.
27.9	85.7	8901.7	325.0	-22.9	-47.1	243.6	20.1	18.0	8.9	339.4	339.7	0.0	1.0	24.0	55.
29.7	90.0	9374.6	300.0	-30.0	-69.6	247.3	36.5	33.7	14.1	342.3	342.3	0.0	1.0	26.1	56.
31.6	94.3	10189.5	275.0	-34.9	-72.4	247.5	49.2	45.5	18.9	344.7	344.7	0.0	1.0	31.7	55.
33.8	98.0	10446.2	250.0	-40.1	99.9	248.1	48.8	42.3	18.6	346.5	346.5	99.9	99.9	38.2	60.
35.9	103.8	11557.6	225.0	-45.4	59.9	248.7	46.4	42.0	19.8	348.5	348.5	99.9	99.9	44.3	61.
38.3	109.0	12331.3	200.0	-52.1	59.9	240.2	35.7	30.9	17.7	350.2	349.8	99.9	99.9	50.4	61.
40.9	115.0	13185.4	175.0	-57.2	59.9	238.0	32.2	26.7	18.0	354.5	349.9	99.9	99.9	55.3	61.
43.3	121.0	14139.7	150.0	-61.4	59.9	238.7	36.7	30.7	20.1	357.4	349.9	99.9	99.9	59.9	60.
46.1	127.0	15236.6	125.0	-66.6	99.9	243.7	45.1	40.5	20.0	373.1	349.9	99.9	99.9	67.5	60.
49.7	136.0	16545.5	100.0	-68.6	59.9	99.9	99.9	99.9	99.9	399.0	349.9	99.9	99.9	99.9	99.9
59.3	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

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

STATION NO. 27
ELMORE CITY, OKLAHOMA

7 JUNE 1979
1430 GMT

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TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DC C	DEP PT DC C	DIA DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT T DG K	WIND GM/KG	RM PCT	RANGE A2 KM	DC
0.0	9.5	320.0	966.0	27.1	22.3	999.9	99.9	55.9	99.9	303.2	350.8	17.8	75.0	999.9	999.9
99.9	99.9	59.9	1000.0	99.9	59.9	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	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	11.0	468.0	950.0	27.3	21.2	999.9	99.9	99.9	99.9	302.6	348.1	17.0	75.0	999.9	999.9
1.6	13.4	702.8	925.0	27.3	19.7	999.9	99.9	99.9	99.9	303.1	348.6	15.9	80.0	999.9	999.9
2.5	15.8	942.1	900.0	27.4	19.7	999.9	99.9	99.9	99.9	303.7	347.4	16.3	80.5	999.9	999.9
3.4	19.3	1187.5	875.0	27.4	16.7	999.9	99.9	99.9	99.9	307.1	347.5	12.2	62.7	999.9	999.9
4.3	21.7	1481.5	850.0	27.0	11.2	999.9	99.9	99.9	99.9	311.3	339.4	9.9	44.6	999.9	999.9
5.2	23.3	1702.0	825.0	26.3	4.4	999.9	99.9	99.9	99.9	312.1	338.2	5.1	44.3	999.9	999.9
6.2	25.7	1926.5	800.0	19.7	7.6	999.9	99.9	99.9	99.9	312.1	338.2	6.2	45.5	999.9	999.9
7.2	28.3	2241.3	775.0	17.8	5.3	999.9	99.9	99.9	99.9	313.0	338.1	7.3	43.8	999.9	999.9
8.3	31.0	2571.0	750.0	17.1	3.1	999.9	99.9	99.9	99.9	313.0	338.1	6.4	41.7	999.9	999.9
9.2	33.6	2907.9	725.0	13.0	4.0	999.9	99.9	99.9	99.9	313.0	338.1	7.1	54.1	999.9	999.9
10.3	36.2	3102.1	700.0	10.7	4.4	999.9	99.9	99.9	99.9	314.2	336.3	7.6	68.1	999.9	999.9
11.2	39.0	3408.2	675.0	6.0	2.5	999.9	99.9	99.9	99.9	314.7	336.6	6.8	68.1	999.9	999.9
12.2	41.4	3718.9	650.0	3.3	1.4	999.9	99.9	99.9	99.9	315.0	336.2	6.5	75.5	999.9	999.9
13.3	44.6	4036.7	625.0	3.4	-5.3	999.9	99.9	99.9	99.9	316.4	328.2	4.1	52.8	999.9	999.9
14.5	47.6	4364.7	600.0	1.4	-16.3	999.9	99.9	99.9	99.9	317.7	323.4	1.8	25.5	999.9	999.9
15.7	50.6	4702.7	575.0	-0.5	-27.7	999.9	99.9	99.9	99.9	319.4	321.9	0.8	11.9	999.9	999.9
17.0	53.6	5055.8	550.0	-2.5	-29.6	999.9	99.9	99.9	99.9	321.2	323.2	0.6	10.0	999.9	999.9
18.2	56.6	5427.3	525.0	-4.9	-19.3	999.9	99.9	99.9	99.9	322.6	327.8	1.6	31.4	999.9	999.9
19.6	59.6	5806.6	500.0	-7.9	-30.5	999.9	99.9	99.9	99.9	323.4	328.5	0.6	14.1	999.9	999.9
21.0	63.1	6205.9	475.0	-8.5	-24.5	999.9	99.9	99.9	99.9	326.3	328.9	0.8	18.6	999.9	999.9
22.4	66.4	6621.9	450.0	-11.9	-27.1	999.9	99.9	99.9	99.9	328.2	331.0	0.8	22.2	999.9	999.9
24.0	69.9	7057.1	425.0	-15.1	-16.0	999.9	99.9	99.9	99.9	329.6	331.1	0.4	14.7	999.9	999.9
25.5	73.3	7512.7	400.0	-18.1	-40.9	999.9	99.9	99.9	99.9	331.5	332.4	0.3	11.5	999.9	999.9
27.2	77.0	7981.4	375.0	-21.6	-44.6	999.9	99.9	99.9	99.9	333.0	333.7	0.2	10.4	999.9	999.9
28.6	80.6	8488.3	350.0	-24.8	-46.4	999.9	99.9	99.9	99.9	334.0	334.7	0.2	9.4	999.9	999.9
30.4	84.8	9039.0	325.0	-28.2	-48.2	999.9	99.9	99.9	99.9	336.0	336.7	0.1	9.3	999.9	999.9
32.3	89.0	9614.5	300.0	-31.9	-27.1	999.9	99.9	99.9	99.9	338.3	340.3	0.1	9.6	999.9	999.9
34.3	93.3	10226.7	275.0	-34.9	-55.9	999.9	99.9	99.9	99.9	344.7	349.0	0.1	9.6	999.9	999.9
36.4	97.0	10865.8	250.0	-40.6	59.9	999.9	99.9	99.9	99.9	345.7	349.9	99.9	55.9	999.9	999.9
38.6	101.0	11546.9	225.0	-45.5	59.9	999.9	99.9	99.9	99.9	346.7	349.9	99.9	55.9	999.9	999.9
40.8	106.2	12372.6	200.0	-50.8	90.9	999.9	99.9	99.9	99.9	348.3	349.9	99.9	55.9	999.9	999.9
43.5	111.0	13277.3	175.0	-56.2	59.5	999.9	99.9	99.9	99.9	353.5	349.9	99.9	55.9	999.9	999.9
46.2	120.3	14182.4	150.0	-62.3	59.9	999.9	99.9	99.9	99.9	359.4	349.9	99.9	55.9	999.9	999.9
49.3	129.5	15288.2	125.0	-68.6	99.9	999.9	99.9	99.9	99.9	370.2	349.9	59.9	55.9	999.9	999.9
52.5	135.5	16623.4	100.0	-66.4	59.9	999.9	99.9	99.9	99.9	391.7	349.9	59.9	55.9	999.9	999.9
55.8	99.0	99.9	75.0	95.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	50.0	67.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 7
ELMORE CITY, OKLAHOMA

7 JUNE 1979
1705 GMT

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TIME MIN	CNTCT	WEIGHT GPM	POZS MB	TEMP DG C	DRP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT Y DG K	HR RTO CM/KG	RM PCT	RANGE KM	AI DG
0.0	9.7	320.0	968.5	28.5	22.0	198.0	13.0	2.3	12.8	304.6	351.7	17.5	48.0	0.0	0.
99.0	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.0	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	999.9
0.7	11.3	473.5	550.0	27.0	21.2	182.0	14.5	0.5	14.4	304.6	350.1	16.9	70.7	0.5	1.
1.5	13.7	709.3	525.0	24.5	20.2	181.5	14.6	0.4	14.4	304.4	348.4	16.4	77.0	1.2	1.
2.4	16.1	949.6	900.0	22.3	19.8	188.0	14.0	1.9	13.8	304.5	348.7	16.4	85.5	2.0	2.
3.4	19.5	1145.2	675.0	21.0	17.6	206.0	15.6	0.8	13.8	304.5	348.7	16.4	85.5	2.0	2.
6.4	21.0	1467.1	950.0	23.1	11.4	218.5	19.2	10.5	15.9	310.2	339.5	10.0	47.6	3.7	14.
5.9	23.4	1747.5	825.0	22.3	9.8	212.3	18.4	9.8	15.6	312.1	339.5	9.3	45.0	4.7	18.
6.1	26.0	1974.1	800.0	20.8	7.4	212.2	14.9	7.9	12.6	312.5	335.9	8.1	44.2	5.7	20.
7.4	28.5	2287.5	775.0	18.5	5.6	214.4	11.2	6.3	9.3	313.7	335.1	7.4	42.6	6.5	22.
8.4	31.1	2527.8	750.0	16.0	5.3	217.4	12.3	7.5	9.8	313.5	335.7	7.5	42.2	7.2	23.
9.4	33.8	2815.1	725.0	13.7	3.7	213.5	9.5	5.5	6.3	314.2	334.7	6.9	50.8	7.9	24.
10.4	36.4	3103.0	700.0	10.7	3.8	216.4	9.1	5.5	7.5	313.3	335.3	7.2	62.2	8.4	25.
11.3	39.2	3412.2	675.0	8.9	2.2	229.0	9.3	7.0	6.1	315.1	334.7	6.7	64.7	8.9	26.
12.2	42.0	3723.4	650.0	6.3	-0.7	229.0	6.3	5.9	2.1	316.1	332.8	5.6	60.8	9.3	27.
13.2	44.8	4044.6	625.0	4.5	5.6	267.5	4.9	4.9	0.2	317.2	328.9	4.1	48.0	9.5	29.
14.4	47.7	4375.4	600.0	1.3	-8.3	262.7	5.2	5.1	0.7	317.2	328.9	3.4	48.7	9.6	31.
15.6	50.6	4718.9	575.0	-0.7	-23.3	245.6	7.4	6.7	3.1	319.6	323.3	1.1	17.1	10.0	32.
17.0	53.6	5071.4	550.0	-2.0	-30.2	233.2	2.3	6.0	1.8	321.6	323.7	0.6	9.3	10.5	34.
18.3	56.8	5439.8	525.0	-3.6	-25.1	232.6	4.9	3.9	3.0	324.1	323.3	1.0	17.2	10.8	35.
19.5	59.9	5825.6	500.0	-5.1	-26.6	218.1	4.2	3.8	4.8	325.2	323.5	0.9	18.0	11.2	36.
20.7	63.1	6222.6	475.0	-6.1	-28.6	224.5	7.5	9.2	5.3	326.7	320.3	0.8	19.0	11.7	36.
22.1	66.5	6638.6	450.0	-11.9	-27.9	230.8	7.2	5.6	6.6	328.3	331.2	0.9	25.0	12.3	36.
23.4	69.9	7073.7	425.0	-14.9	-35.4	223.0	7.5	5.2	5.4	329.6	331.4	0.4	15.5	12.8	37.
24.0	73.4	7529.6	400.0	-17.9	-39.3	223.3	10.9	7.5	8.0	331.6	332.9	0.3	13.3	13.6	37.
26.7	77.1	8007.4	375.0	-21.3	-41.6	232.4	15.7	13.0	8.9	333.4	334.4	0.3	14.0	14.9	38.
28.5	81.0	8516.0	350.0	-22.3	-43.4	235.3	23.3	19.1	13.2	336.8	339.6	0.2	12.6	16.9	41.
30.2	85.0	9049.1	325.0	-24.4	-45.7	240.2	33.3	28.9	16.6	343.1	343.8	0.2	11.7	19.9	43.
31.9	89.2	9616.8	300.0	-25.9	-43.1	999.9	99.9	99.9	99.9	343.2	343.2	0.1	11.8	99.9	999.
33.7	93.5	10250.4	275.0	-35.3	-42.9	999.9	99.9	99.9	99.9	344.1	344.5	0.1	14.4	99.9	999.
35.7	98.2	10902.5	250.0	-41.6	57.8	999.9	99.9	99.9	99.9	345.2	999.9	99.9	99.9	99.9	999.
37.9	103.0	11617.6	225.0	-44.6	59.9	999.9	98.5	99.5	99.9	350.1	999.9	99.9	99.9	99.9	999.
40.4	108.4	12384.6	200.0	-51.4	59.9	236.2	40.7	33.8	22.6	351.4	999.9	99.5	99.9	42.7	55.
43.0	114.2	13248.0	175.0	-58.3	59.9	235.3	40.0	33.1	22.5	353.4	999.9	99.9	99.9	99.9	55.
45.4	120.3	14201.7	150.0	-64.9	59.9	242.3	37.3	33.1	17.3	358.2	999.9	99.9	99.9	94.0	55.
48.1	127.5	15290.5	125.0	-65.5	99.9	242.7	27.4	24.3	2.6	365.1	999.9	99.9	99.9	60.1	56.
50.9	135.3	16629.0	100.0	-68.7	59.9	699.9	99.9	99.9	99.9	395.0	999.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.0	99.0	99.9	25.0	95.9	50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

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

STATION NO. 27
ELMORE CITY, OKLAHOMA

7 JUNE 1978
2007 GMT

130 91.0

TIME MIN	CNTLT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT H DEG M	E POT T EG M	GR RTO CM/SEC	RM PCT	RANGE MM	AZ DEG
0.0	9.4	320.0	966.4	30.7	21.0	190.0	13.0	2.4	14.8	308.2	323.6	17.3	59.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	59.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	975.0	99.9	59.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	11.1	473.0	550.0	24.5	23.0	167.0	7.5	-1.4	7.3	307.2	358.6	19.0	68.0	0.6	34.9
1.4	13.5	712.0	925.0	27.0	22.2	165.7	13.2	-7.4	13.0	307.0	357.3	18.6	75.1	1.2	34.9
2.1	15.9	945.3	500.0	22.4	20.7	177.5	11.6	-0.5	11.6	307.1	353.7	17.4	80.1	1.8	350.
3.0	18.3	1201.0	675.0	22.4	20.5	184.5	0.9	0.9	11.6	307.1	355.1	17.7	85.3	2.3	353.
3.9	23.8	1654.2	850.0	20.4	17.2	157.9	4.1	4.1	12.7	307.2	347.7	16.7	81.8	3.0	31.6
4.9	23.3	1712.9	625.0	21.5	8.9	210.5	13.4	7.5	12.7	313.3	336.4	8.7	44.4	4.3	7.
5.7	25.8	1975.5	800.0	15.0	7.9	205.8	13.9	6.1	12.5	312.2	336.4	8.4	46.0	4.3	7.
6.7	29.3	2252.4	775.0	14.5	5.4	210.2	11.4	5.7	9.9	313.7	335.1	7.4	42.7	5.1	10.
7.4	31.0	2533.1	750.	14.6	4.7	217.7	9.8	6.0	7.7	314.2	335.3	7.2	45.5	5.7	12.
8.7	31.6	2820.8	725.0	14.0	4.2	217.0	9.8	5.6	6.1	314.8	335.7	7.1	51.5	6.1	14.
9.6	36.2	3119.8	700.0	11.1	3.7	217.0	6.1	5.0	6.4	314.8	335.7	7.2	60.2	6.7	16.
10.6	39.0	3418.5	675.0	5.0	1.7	218.5	6.1	3.3	4.8	315.7	334.6	6.4	60.2	7.0	17.
11.6	41.8	3739.7	650.0	7.3	-4.9	204.2	3.0	1.2	2.7	317.2	329.8	4.1	41.5	7.3	18.
12.7	44.6	4052.1	625.0	4.5	-6.7	207.4	3.9	1.8	3.5	317.2	328.9	3.7	44.0	7.5	18.
13.8	47.5	4373.3	600.0	2.8	-15.0	236.7	5.8	5.0	3.0	319.1	325.1	1.9	24.4	7.7	19.
15.0	51.4	4726.2	575.0	0.5	-20.9	243.6	6.7	6.0	3.0	320.0	324.7	1.3	18.3	8.1	22.
16.0	51.4	5081.3	550.0	-1.6	-23.7	231.3	6.1	4.8	3.6	322.2	325.6	1.1	17.2	8.4	23.
17.3	56.5	5449.9	525.0	-4.4	-16.4	227.7	7.7	5.0	5.9	323.1	320.7	1.7	32.6	8.9	24.
18.7	59.6	5832.7	500.0	-6.3	-22.5	234.7	8.3	6.9	4.8	325.2	329.5	1.2	26.2	9.5	26.
20.0	62.9	6231.7	475.0	-6.8	-29.6	225.8	8.3	6.0	5.8	327.1	329.5	0.7	16.8	10.1	28.
21.5	61.3	6686.6	450.0	-11.4	-36.1	226.4	8.6	6.3	6.0	329.5	330.6	0.5	13.1	10.8	29.
22.9	65.7	7089.7	425.0	-14.3	-34.8	236.2	9.2	7.7	5.1	330.6	332.3	0.5	15.6	11.5	30.
24.3	71.3	7541.5	400.0	-17.4	-37.4	239.3	13.2	11.4	6.8	332.4	333.8	0.4	15.4	12.2	32.
25.6	77.0	8022.9	375.0	-19.9	-34.0	221.6	25.3	20.7	18.3	335.3	336.4	0.3	14.9	13.0	35.
27.1	80.8	8534.3	350.0	-20.9	-41.6	235.0	31.7	26.6	18.2	340.6	341.7	0.3	13.5	16.4	37.
28.9	84.7	9077.4	325.0	-24.4	-44.7	241.1	33.1	29.0	16.0	341.7	342.5	0.2	14.4	19.4	41.
30.7	88.8	9652.0	300.0	-30.7	-48.0	243.7	33.7	29.8	14.7	342.1	342.7	0.1	14.9	21.0	45.
32.7	91.3	10283.4	275.0	-37.6	-52.0	239.5	35	31.0	14.2	343.4	343.8	0.1	16.9	26.6	47.
34.8	94.0	10926.2	250.0	-35.7	59.9	237.2	41	34.7	22.3	347.0	599.9	59.9	95.9	31.6	49.
36.9	101.0	11631.9	225.0	-45.6	59.9	234.1	41.	33.5	24.3	348.2	599.9	99.9	99.9	37.0	50.
39.3	109.2	12402.3	200.0	-52.0	59.9	284.1	42.1	34.1	24.7	350.2	599.9	99.9	95.9	42.8	50.
41.9	114.0	13257.3	175.0	-58.9	54.9	241.0	37.7	33.0	18.3	352.8	599.9	59.9	99.9	49.3	51.
44.9	120.3	14211.3	150.0	-64.4	49.9	240.8	31.9	27.6	16.0	359.1	999.9	99.9	99.9	55.1	52.
47.4	127.3	15311.1	125.0	-69.3	59.9	237.1	25.3	21.2	13.7	369.6	999.9	99.9	99.9	59.7	53.
50.6	135.0	16641.1	100.0	-65.8	59.9	599.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	99.9	99.9
52.9	99.9	59.9	75.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	23.0	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

7 JUNE 1979
2305 GMT

TIME MIN	CNTCT	HEIGHT GPM	WRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T OG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.6	11.0	320.0	966.5	31.3	21.2	198.0	10.0	1.7	9.8	307.4	382.7	16.6	55.0	0.0	0.
09.9	99.9	1000.0	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
0.5	12.5	475.3	950.0	30.6	23.4	179.4	10.3	-0.1	10.3	308.3	361.1	19.4	65.4	0.3	349.
1.4	14.9	713.9	925.0	29.6	21.5	174.6	12.6	-1.2	12.6	307.5	355.9	17.8	69.7	0.8	353.
2.3	17.3	957.0	900.0	28.6	21.3	173.1	14.4	-1.7	14.3	307.5	356.8	18.0	77.0	1.6	353.
3.2	19.7	1205.2	875.0	28.1	20.7	175.2	14.0	-1.2	14.0	307.6	356.1	17.9	86.4	2.4	353.
4.0	22.1	1458.5	850.0	28.0	20.1	180.6	14.5	0.1	14.0	308.1	356.4	17.7	94.8	3.1	354.
5.1	24.7	1717.5	825.0	28.9	17.5	193.6	13.3	3.2	12.9	308.6	351.0	15.5	91.3	3.9	157.
6.4	27.2	1975.0	800.0	29.5	7.4	207.9	11.1	5.2	9.8	313.6	336.4	8.2	42.9	4.8	2.
7.7	29.7	2256.8	775.0	30.4	5.2	223.4	9.0	6.2	6.5	314.7	335.6	7.2	39.2	5.6	6.
8.9	32.2	2537.5	750.0	31.7	3.2	231.2	8.2	6.4	5.2	314.6	333.7	6.5	40.4	6.0	10.
10.0	34.9	2825.6	725.0	33.0	2.2	235.6	8.8	7.3	5.0	315.6	333.9	6.2	42.9	6.4	13.
11.9	37.5	3121.3	700.0	34.2	1.6	234.9	7.7	6.3	4.4	316.0	334.2	6.2	48.5	6.8	16.
12.0	40.2	3424.9	675.0	34.9	-1.2	227.6	4.2	3.1	2.8	316.7	332.3	5.2	47.1	7.1	18.
13.1	43.0	3737.2	650.0	35.3	-4.0	212.5	2.6	1.4	2.2	317.3	330.5	4.4	44.2	7.2	19.
14.2	45.8	4058.4	625.0	35.7	-7.8	235.2	3.5	2.9	2.0	317.6	328.3	3.4	39.9	7.4	19.
15.3	49.7	4390.4	600.0	36.0	-14.0	256.9	4.1	4.0	0.9	319.1	325.9	2.2	28.1	7.6	21.
16.4	51.6	4733.6	575.0	36.3	-29.1	234.8	4.6	3.8	2.7	321.2	323.5	0.7	9.2	7.8	22.
17.6	54.6	5089.0	550.0	36.7	-22.6	231.3	5.6	4.4	3.5	322.1	324.1	1.2	19.5	8.1	23.
18.8	57.6	5457.7	525.0	37.0	-19.5	242.6	6.6	5.8	3.0	323.6	326.9	1.5	26.3	8.5	25.
20.2	60.8	5841.8	500.0	37.3	-24.3	242.3	6.4	7.4	3.9	326.3	329.9	1.1	21.0	8.9	28.
21.6	64.0	6242.0	475.0	37.6	-28.1	236.1	9.7	6.0	5.4	327.7	330.5	0.8	16.3	9.6	30.
23.3	67.1	6660.1	450.0	37.9	-35.3	237.5	13.3	11.2	7.1	330.2	332.0	0.7	10.6	10.4	32.
24.4	70.6	7098.3	425.0	38.1	-39.1	241.2	20.8	18.2	10.0	332.2	333.4	0.3	10.1	11.7	35.
25.9	74.1	7557.3	400.0	38.3	-42.4	235.6	26.7	22.0	15.1	334.2	335.2	0.2	6.0	13.7	39.
27.7	77.7	8042.9	375.0	38.5	-44.0	232.2	29.2	23.1	17.9	338.2	339.3	0.2	7.7	16.6	41.
29.5	81.5	8555.8	350.0	38.7	-46.0	234.1	30.3	24.6	17.8	340.6	340.7	0.2	6.7	20.0	43.
31.5	85.4	9077.9	325.0	38.9	-46.9	236.9	29.5	24.7	16.1	341.2	342.0	0.2	11.6	23.5	45.
33.4	89.5	9671.8	300.0	39.1	-49.1	234.8	30.5	24.9	17.6	341.6	342.2	0.1	14.9	26.8	47.
35.5	93.8	10281.8	275.0	39.3	-52.6	231.2	34.6	27.0	21.7	343.2	343.6	0.1	15.5	30.8	47.
37.6	98.5	10919.0	250.0	39.5	59.9	231.4	37.2	29.1	23.2	347.7	349.9	95.9	59.9	35.5	48.
39.9	103.4	11651.3	225.0	40.5	99.9	234.8	36.3	31.3	22.1	348.7	349.9	99.9	99.9	40.4	48.
42.5	109.8	12424.9	200.0	41.5	99.9	240.3	34.0	25.5	18.8	350.4	349.9	99.9	99.9	46.1	50.
45.1	114.5	13260.2	175.0	42.5	99.9	237.3	33.0	28.2	18.1	356.3	349.9	99.9	99.9	51.1	51.
47.8	120.8	14237.8	150.0	43.5	99.9	238.3	31.3	26.6	16.4	357.2	349.9	99.9	99.9	56.4	51.
50.7	127.7	15329.3	125.0	44.5	99.9	242.5	22.6	20.1	10.3	364.5	349.9	99.9	99.9	61.2	52.
53.9	135.5	16652.0	100.0	45.7	99.9	99.9	99.9	99.9	99.9	389.1	349.9	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

STATION NO. 28
 PT. SILL, OKLAHOMA
 7 JUNE 1979
 1405 GMT

TIME MIN	CHTY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG M	E POT 1 DEG M	WX RTO G/KG	RM PCY	RANGE KM	AZ DEG
0.0	10.9	418.0	1000.0	20.4	21.9	180.0	3.1	0.0	3.1	302.4	349.6	17.7	81.0	0.0	0.
0.9	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	11.3	454.2	970.0	24.3	2.1	197.6	3.1	9.8	9.8	301.5	344.1	15.8	77.3	0.2	17.
1.2	11.6	605.1	970.0	22.6	12.8	202.3	4.1	10.0	10.0	302.2	345.0	16.0	84.0	0.6	19.
2.3	10.1	977.0	900.0	21.0	19.2	210.3	15.3	7.7	13.2	303.2	345.5	15.8	84.0	1.2	21.
2.7	10.5	1172.4	875.0	23.3	18.4	215.6	20.3	12.7	15.9	309.1	341.1	12.0	57.9	2.0	27.
3.6	27.9	1426.5	850.0	24.7	11.6	221.0	19.5	12.6	14.7	311.2	340.3	10.2	45.4	3.0	32.
4.5	23.4	1647.2	825.0	22.1	10.2	221.7	17.1	11.4	12.8	312.4	339.1	9.5	46.6	4.0	34.
5.4	24.0	1954.1	800.0	20.8	9.1	223.7	15.4	10.4	11.3	313.4	339.0	9.3	47.6	4.9	36.
6.3	24.5	2224.1	775.0	15.0	8.0	223.4	13.4	9.6	9.4	314.4	339.4	8.7	48.9	5.7	37.
7.2	31.1	2505.0	750.0	14.9	5.9	227.4	14.1	10.5	9.4	314.5	337.6	7.8	40.1	6.4	38.
8.3	33.4	2747.2	725.0	14.4	3.9	228.1	12.4	8.9	8.6	315.2	335.8	7.0	49.3	7.3	39.
9.4	35.4	3051.0	700.0	12.2	3.6	233.3	10.7	8.2	8.8	316.0	336.9	7.1	55.8	8.0	40.
10.4	32.1	3356.9	675.0	10.9	0.7	247.0	7.5	6.9	2.9	317.4	335.2	6.0	50.8	8.6	41.
11.6	41.9	3709.0	650.0	7.6	-2.5	252.2	6.2	6.0	1.6	317.4	332.4	4.9	46.0	8.9	43.
12.1	44.0	4031.7	625.0	4.8	-4.9	261.5	4.3	4.2	0.6	318.0	330.9	4.3	44.3	9.2	44.
13.5	47.6	4363.1	600.0	2.1	-9.0	259.0	3.2	3.5	0.7	318.4	326.7	3.3	44.0	9.4	45.
14.5	52.5	4705.3	575.0	-0.3	-16.8	248.5	4.2	4.3	1.7	317.7	326.4	2.1	32.4	9.4	45.
15.6	53.5	5059.3	550.0	-2.5	-17.4	238.2	7.8	5.7	4.0	321.1	326.9	1.8	30.6	10.0	46.
16.8	53.6	5426.9	525.0	-4.9	-22.7	234.9	6.3	5.4	3.3	322.2	326.4	1.2	23.2	10.5	47.
18.1	52.8	5804.3	500.0	-7.7	-25.4	245.5	5.0	4.5	2.1	323.7	326.8	0.9	21.0	10.9	47.
19.4	53.0	6205.3	475.0	-10.6	-30.4	259.5	4.6	4.5	0.8	324.5	326.0	0.9	25.8	11.2	48.
20.7	60.3	6620.4	450.0	-11.0	-34.1	254.3	5.6	5.3	1.9	324.4	330.8	0.7	19.8	11.5	49.
22.0	69.7	7055.7	425.0	-14.1	-38.6	248.6	6.1	5.4	2.4	329.4	331.3	0.5	16.9	12.0	49.
23.3	73.1	7511.1	400.0	-14.5	-35.9	252.1	6.4	6.0	1.9	330.9	332.5	0.4	20.0	12.4	50.
24.7	78.9	7989.6	375.0	-22.0	-39.1	253.3	6.7	8.3	2.5	332.2	333.8	0.4	16.3	13.0	51.
26.3	83.6	8454.1	350.0	-24.7	-41.8	241.7	12.7	11.2	6.0	335.4	336.5	0.3	16.7	13.9	52.
27.9	84.5	9030.0	325.0	-27.7	-44.4	239.2	20.6	17.7	10.6	338.2	339.3	0.2	16.4	15.3	53.
29.6	84.7	9602.5	300.0	-30.0	-46.6	243.6	28.5	25.6	12.7	343.1	343.8	0.2	17.9	17.9	54.
31.4	93.0	10216.5	275.0	-34.4	-50.7	248.6	37.8	34.7	15.0	345.4	346.0	0.1	17.2	21.5	56.
33.2	92.6	10874.9	250.0	-40.2	90.9	243.8	44.4	39.4	19.6	346.4	346.0	99.9	99.9	26.0	58.
35.2	102.4	11587.2	225.0	-45.3	59.9	241.5	43.2	37.9	20.6	349.2	349.9	99.9	99.9	31.2	59.
37.6	107.8	12341.2	200.0	-50.2	59.9	235.0	40.1	32.9	23.1	352.2	349.9	99.9	99.9	36.7	59.
39.8	113.5	13221.6	175.0	-57.3	59.9	231.1	41.2	32.0	23.9	355.4	349.9	99.9	99.9	42.5	59.
42.5	119.4	14190.8	150.0	-64.2	59.9	244.4	35.5	31.2	17.0	359.6	349.9	99.9	99.9	48.8	57.
45.5	126.7	15287.0	125.0	-68.0	99.9	248.6	27.1	24.9	10.8	371.9	349.9	99.9	99.9	54.4	58.
49.7	134.3	16634.7	100.0	-67.0	59.9	99.9	99.9	99.9	99.9	388.3	349.9	99.9	99.9	99.9	99.9
50.9	99.9	59.9	75.0	59.9	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	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
59.9	99.9	99.9	25.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 28
PT-SILL, CULANCHA
7 JUNE 1978
1705 GMT

124 106. 0

TIME MIN	CMTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T CG K	MX RTO GM/KG	SH PCT	RANGE NM	AZ DG
0.0	10.7	410.0	953.7	30.7	21.5	180.0	6.2	0.0	6.2	306.0	354.9	17.2	58.0	0.0	0.
00.0	99.9	99.9	1000.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	11.0	452.0	950.0	28.4	19.8	187.7	15.1	2.0	14.9	306.0	345.5	14.5	50.1	0.3	6.
1.2	13.4	685.7	925.0	24.5	17.9	189.5	14.6	2.4	14.4	306.0	344.9	14.1	50.1	0.9	7.
2.2	15.8	931.3	900.0	24.2	17.4	196.6	12.9	3.7	12.4	306.0	344.8	14.0	65.5	1.7	10.
3.1	19.2	1177.7	875.0	21.9	16.1	205.2	14.1	6.0	12.8	306.0	343.5	13.5	70.6	2.5	13.
4.1	20.7	1430.4	850.0	23.4	9.1	212.3	15.6	6.4	13.2	310.0	336.1	9.0	42.2	3.3	17.
5.2	23.1	1690.6	825.0	22.6	7.2	211.1	14.5	7.5	12.4	312.5	334.8	7.8	37.0	4.2	21.
5.9	25.7	1947.8	800.0	21.3	5.7	214.7	13.7	7.8	11.2	313.5	334.9	7.2	36.1	4.8	22.
6.8	28.2	2237.0	775.0	19.6	4.3	219.5	14.7	9.4	11.3	314.5	334.8	6.7	36.3	5.6	24.
7.6	33.9	2513.1	750.0	17.2	2.4	226.9	13.0	8.9	10.2	315.2	333.2	6.1	36.1	6.3	26.
8.7	33.4	2501.3	725.0	14.6	1.5	217.5	12.9	7.8	10.2	315.2	332.9	5.9	41.0	7.1	28.
9.4	36.1	3396.9	700.0	12.2	1.7	214.6	10.7	6.1	8.8	316.0	334.4	6.2	48.7	7.9	28.
11.0	39.9	3400.9	675.0	10.4	-0.5	222.3	6.3	5.6	6.2	317.2	333.6	5.5	46.7	8.4	29.
12.2	41.7	3713.9	650.0	7.5	-2.5	234.1	6.6	5.3	3.9	317.2	332.3	4.9	48.8	9.1	30.
13.4	44.5	4335.6	625.0	4.4	-3.9	242.2	4.8	4.3	2.3	317.2	331.4	4.6	54.6	9.4	31.
14.5	47.4	4376.5	600.0	2.0	-12.9	223.5	4.5	3.4	2.9	319.2	320.0	2.4	32.1	9.7	32.
15.8	50.3	4708.7	575.0	-0.1	-16.3	233.5	4.6	3.7	2.7	319.5	324.9	1.9	28.2	10.0	33.
17.0	53.4	5062.5	550.0	-3.4	-20.6	235.5	6.6	5.5	3.8	320.1	324.5	1.4	25.1	10.4	34.
19.2	56.5	5422.5	525.0	-5.9	-24.8	228.4	7.5	9.4	5.0	321.4	324.7	1.0	21.1	10.9	35.
19.4	57.6	5410.1	400.0	-7.3	-27.0	227.7	5.5	4.3	4.0	324.1	327.0	0.8	18.9	11.4	35.
22.9	62.9	6208.6	475.0	-8.9	-22.4	223.6	5.7	3.7	4.3	327.0	328.8	0.5	12.8	11.8	36.
23.3	66.7	6625.2	450.0	-11.5	-24.8	209.4	6.2	4.0	5.4	328.2	330.4	0.4	12.4	12.3	35.
23.9	69.7	7080.7	425.0	-14.5	-24.8	212.8	7.5	4.8	6.3	330.4	331.8	0.4	12.9	12.9	35.
25.3	73.1	7517.2	400.0	-17.7	-31.5	230.0	7.4	6.0	5.0	332.0	333.1	0.3	12.8	13.6	35.
26.4	76.9	7488.9	375.0	-20.8	-41.2	247.0	10.0	9.8	4.1	334.0	335.0	0.3	14.0	14.4	37.
28.6	83.7	8503.9	350.0	-23.7	-43.4	238.3	19.2	18.3	10.1	336.0	337.7	0.2	14.3	15.6	39.
31.2	84.7	9083.4	325.0	-27.4	-45.4	237.4	25.5	21.8	14.0	341.7	342.5	0.2	13.4	17.9	41.
31.9	88.8	9619.7	300.0	-25.8	-44.7	244.1	30.7	27.6	13.4	343.4	344.0	0.1	13.8	20.6	44.
33.8	93.2	10331.0	275.0	-35.2	-52.4	246.5	33.6	30.6	11.4	344.2	344.6	0.1	14.5	23.9	47.
35.4	97.8	10489.2	250.0	-40.6	-57.9	242.8	38.2	34.2	17.6	345.2	345.9	99.9	99.9	28.2	50.
39.3	102.8	11601.1	225.0	-45.1	-59.9	236.0	38.9	32.3	21.7	349.2	349.9	99.9	99.9	33.3	51.
43.5	108.2	12377.8	200.0	-51.3	-59.9	237.8	36.2	29.2	21.3	351.2	349.9	99.9	99.9	38.9	52.
43.0	114.0	13231.9	175.0	-58.3	-59.9	232.9	37.7	30.1	22.8	353.6	349.9	99.9	99.9	44.3	52.
45.5	123.3	14185.2	150.0	-65.3	-59.9	240.1	36.1	31.3	18.0	357.5	349.9	99.9	99.9	50.1	52.
48.3	127.3	15284.1	125.0	-69.4	-61.4	99.9	99.9	99.9	99.9	369.4	349.9	99.9	99.9	55.2	53.
99.9	99.9	99.9	130.0	96.9	97.9	99.9	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	94.9	94.9	99.9	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	95.9	97.9	99.9	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 CR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSY, ORLAONA
7 JUNE 1979
1109 GMT

131 92. 0

TIME MIN	CATCT	HEIGHT GEN	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT T DG K	WX RIO CM/KG	RM PCT	RANGE AZ KM	AZ DG
0-0	10-7	343-0	559-9	29-2	27-6	160-0	9-1	-1-7	4-8	305-5	372-5	24-9	91-0	0-0	0-
00-9	09-9	90-9	1000-0	99-8	98-9	99-9	99-9	99-9	99-9	99-5	999-9	99-9	999-9	999-9	99-9
09-9	09-9	95-9	975-0	96-9	95-9	99-9	99-9	99-9	99-9	99-5	999-9	99-9	999-9	999-9	99-9
3-3	11-7	438-0	550-0	21-9	20-7	190-7	14-8	2-8	14-5	299-4	342-7	16-5	91-0	0-3	357-
1-2	14-1	666-7	925-0	22-0	20-5	203-5	18-7	7-5	17-2	301-2	346-0	16-6	91-0	1-0	10-
2-0	14-5	906-4	500-0	23-0	16-8	215-7	21-5	14-0	16-9	305-3	342-2	13-6	68-3	2-0	22-
2-9	19-0	1153-5	875-0	25-1	11-5	225-6	20-2	14-4	14-1	309-6	337-6	9-8	42-6	3-1	30-
3-7	21-5	1467-4	850-0	24-0	10-1	226-5	18-5	13-4	12-8	311-2	337-9	5-2	41-6	4-0	34-
4-6	24-1	1669-1	825-0	21-8	9-0	240-9	17-7	17-2	9-6	311-7	336-7	6-8	43-9	4-9	36-
5-6	26-6	1934-1	800-0	19-0	7-4	249-7	17-5	11-0	13-7	311-2	334-7	8-1	46-8	6-0	43-
6-5	28-2	2204-7	775-0	16-9	6-6	249-1	17-1	10-8	13-3	312-6	334-8	8-0	50-8	6-8	39-
7-6	31-9	2484-7	750-0	14-3	6-1	232-2	17-1	13-5	10-5	312-1	334-8	7-9	57-9	7-8	41-
8-5	34-6	2770-4	725-0	12-1	4-1	232-5	17-5	14-8	9-4	312-7	333-3	7-1	58-0	8-7	42-
9-4	37-2	3063-4	700-0	5-6	3-4	245-3	19-5	14-1	6-5	313-1	333-5	7-0	65-4	9-6	44-
10-4	40-1	3348-3	675-0	6-7	3-7	250-0	12-6	12-5	3-1	313-1	334-4	7-3	82-3	10-1	46-
11-4	43-9	3633-6	650-0	3-7	2-0	260-0	13-4	13-2	2-3	313-1	333-0	6-9	88-8	11-0	48-
12-4	47-9	3919-9	625-0	2-2	-9-5	265-9	11-6	11-7	0-8	315-6	324-1	3-0	41-5	11-7	50-
13-4	51-8	4205-9	600-0	0-7	-11-9	272-0	10-6	10-6	-0-4	316-5	325-0	2-6	38-4	12-3	53-
14-9	55-8	4661-3	575-0	-1-9	-13-6	287-3	8-7	8-3	-2-6	318-2	325-6	2-3	35-4	12-7	55-
16-0	59-9	5048-4	550-0	-2-6	-25-8	298-9	10-7	9-4	-5-2	321-0	323-9	0-9	15-1	13-2	57-
17-4	59-0	5391-7	525-0	-5-2	-40-1	307-8	11-0	8-7	-3-7	322-2	323-0	0-2	4-4	13-5	61-
18-8	61-1	5723-3	500-0	-7-3	-41-2	308-4	9-2	7-5	-5-3	323-1	324-9	0-2	4-6	13-6	64-
20-2	64-4	6161-5	475-0	-5-6	-41-0	308-4	8-2	6-8	-6-6	326-4	327-2	0-2	5-5	14-3	67-
21-7	67-8	6577-1	450-0	-12-3	-47-7	301-9	7-6	6-3	-8-2	327-8	328-3	0-1	3-3	14-6	69-
23-2	71-3	7011-0	425-0	-18-7	-45-1	294-9	6-7	7-9	-3-7	328-6	329-4	0-2	5-9	15-1	71-
24-7	74-9	7465-4	400-0	-18-8	-48-8	281-5	10-2	9-9	-2-4	330-2	330-9	0-1	5-1	15-8	73-
26-4	77-7	7942-4	375-0	-21-8	-46-5	276-3	11-5	11-6	-0-9	331-4	332-0	0-2	9-3	16-8	75-
28-3	82-5	8463-8	350-0	-27-3	-48-8	270-3	11-4	11-3	-1-3	337-2	332-5	0-1	10-7	17-0	76-
30-7	86-6	8973-3	325-0	-30-6	-52-1	267-7	11-1	10-6	-3-4	334-8	334-9	0-1	10-8	19-1	78-
32-2	90-7	9516-6	300-0	-34-3	-55-3	278-6	12-6	12-4	-1-9	335-2	335-9	0-1	10-8	20-3	80-
34-1	93-2	10139-5	275-0	-38-3	-57-9	251-3	23-5	23-3	3-6	339-7	339-9	0-1	10-7	22-1	82-
36-1	93-4	10780-0	250-0	-41-7	-54-9	256-7	38-3	37-3	8-8	344-1	349-9	5-9	95-9	26-1	80-
38-8	100-8	11499-2	225-0	-45-1	-54-9	252-4	44-6	42-5	13-4	349-9	349-9	5-9	95-9	32-9	79-
41-5	113-2	12277-3	200-0	-51-1	-59-9	248-2	44-4	41-3	10-5	351-5	349-9	5-9	95-9	43-1	77-
44-2	116-0	13131-5	175-0	-56-7	-59-9	242-0	43-2	41-3	13-3	356-2	349-9	5-9	95-9	46-9	76-
47-7	121-3	14055-4	150-0	-61-5	-62-9	242-9	39-1	37-3	11-5	360-7	349-9	5-9	95-9	55-1	75-
50-4	127-1	14905-0	125-0	-66-1	-62-9	243-9	28-2	24-2	7-0	375-4	349-9	5-9	95-9	61-3	75-
54-2	137-3	16562-3	100-0	-64-2	-60-9	99-9	99-9	99-9	99-9	401-2	99-9	5-9	99-9	99-9	99-9
57-9	63-1	56-9	75-0	55-9	55-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
60-9	93-1	98-9	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
63-9	11-7	95-9	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

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG
9 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
 MENNESSEY, CRLANCA
 7 JUNE 1979
 1906 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	WX RTO GR/KG	RM PCY	RANGE NM	AZ DEG
0.0	11.6	333.0	961.6	33.4	18.3	180.0	5.3	0.0	9.3	310.6	348.7	14.0	41.0	0.0	0.
00.0	09.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
00.0	09.0	95.0	975.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
0.2	12.4	452.4	950.0	30.8	20.3	099.0	99.0	99.0	99.0	308.3	352.2	16.0	54.2	999.9	999.9
1.1	14.7	691.3	925.0	28.8	19.8	099.0	99.0	99.0	99.0	308.7	352.3	16.0	58.3	999.9	999.9
1.9	17.1	935.0	900.0	24.0	19.6	099.0	99.0	99.0	99.0	308.8	350.7	15.2	62.1	999.9	999.9
3.2	19.5	1183.6	875.0	24.1	17.0	099.0	99.0	99.0	99.0	308.5	349.8	14.9	67.9	999.9	999.9
4.1	21.9	1437.2	850.0	21.8	17.0	099.0	99.0	99.0	99.0	309.0	349.1	14.6	74.2	999.9	999.9
4.8	24.3	1691.0	825.0	22.3	10.2	207.3	14.5	6.7	12.9	312.5	339.3	5.5	46.2	3.6	20.
5.4	26.9	1958.6	800.0	21.5	8.2	214.9	12.4	7.1	10.2	314.1	338.9	6.6	42.6	4.1	21.
6.2	29.3	2233.7	775.0	20.8	6.0	230.4	14.3	11.0	9.1	316.2	338.5	7.6	38.1	4.7	24.
7.1	31.9	2522.1	750.0	18.4	4.5	237.7	15.7	13.3	6.4	316.6	337.4	7.1	39.9	5.4	29.
8.0	34.4	2911.7	725.0	16.2	2.5	237.0	16.6	14.0	9.1	317.2	336.0	6.3	39.7	6.2	33.
8.4	37.1	3108.9	700.0	12.7	1.2	238.4	14.3	13.9	8.5	317.7	335.5	6.0	42.5	7.0	36.
9.7	39.8	3413.8	675.0	10.4	-0.4	241.7	15.6	13.7	7.4	317.3	333.8	5.5	47.2	7.8	38.
10.7	42.4	3726.8	650.0	7.9	-1.1	244.0	15.4	13.8	6.7	317.6	334.3	5.5	53.2	8.6	41.
11.8	45.2	4045.3	625.0	5.6	-2.9	247.1	14.6	13.5	5.7	318.0	334.3	5.1	55.9	9.5	43.
12.9	48.1	4381.9	600.0	3.0	-4.9	252.3	11.7	11.2	3.6	319.6	333.5	4.6	57.8	10.2	45.
13.7	51.0	4725.1	575.0	-0.0	-6.2	254.9	8.4	6.2	2.2	320.0	332.9	4.2	63.0	10.8	47.
14.3	53.9	5075.4	550.0	-3.2	-9.2	250.1	7.4	7.0	2.5	320.3	331.1	3.5	63.2	11.2	48.
16.1	57.0	5446.7	525.0	-4.4	-21.4	241.3	7.2	6.3	3.5	323.2	327.6	1.3	25.0	11.7	49.
17.2	60.1	5825.5	500.0	-6.2	-22.3	246.3	7.5	6.9	3.0	325.2	329.7	1.3	26.9	12.2	49.
19.5	66.6	6485.3	475.0	-8.6	-23.6	247.5	7.3	6.7	2.8	327.4	331.4	1.2	28.3	12.7	50.
20.8	70.0	7080.7	450.0	-11.9	-25.5	247.2	6.3	6.0	2.5	328.4	332.6	1.1	31.1	13.1	51.
22.3	73.6	7515.2	425.0	-15.1	-28.6	245.7	6.1	5.5	2.5	328.5	331.9	0.8	31.8	13.6	51.
23.2	77.2	8015.4	400.0	-22.2	-37.7	999.0	99.0	99.0	99.0	330.2	332.5	0.7	31.6	14.0	52.
23.7	79.9	8350.0	375.0	-27.2	-37.7	999.0	99.0	99.0	99.0	332.2	333.7	0.4	22.7	99.9	999.9
25.7	83.9	8750.0	350.0	-32.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
27.7	87.9	9150.0	325.0	-38.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
29.7	91.9	9550.0	300.0	-44.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
31.7	95.9	9950.0	275.0	-50.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
33.7	99.0	99.0	250.0	-56.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
35.7	99.0	99.0	225.0	-62.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
37.7	99.0	99.0	200.0	-68.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
39.7	99.0	99.0	175.0	-74.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
41.7	99.0	99.0	150.0	-80.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
43.7	99.0	99.0	125.0	-86.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
45.7	99.0	99.0	100.0	-92.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
47.7	99.0	99.0	75.0	-98.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
49.7	99.0	99.0	50.0	-104.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9
51.7	99.0	99.0	25.0	-110.9	99.9	999.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 9 BY TEMP MEANS TEMPERATURE CA TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN C DEG

STATION NO. 31
MEMPHIS, OKLAHMA
7 JUNE 1970
2026 GMT

TIME MIN	CHFT	WEIGHT G/G	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG M	WZ RTO G/M/KG	RM PCT	RANGE KM	AZ DG
0.0	10.2	343.0	941.5	33.9	18.0	180.0	11.0	0.0	11.0	310.2	349.5	13.7	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	999.9
99.9	99.9	99.9	975.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	11.3	451.8	940.0	31.7	20.7	182.0	12.2	0.4	12.2	309.4	354.4	16.4	52.0	0.5	4.
1.5	13.7	694.5	925.0	25.7	20.2	194.8	11.9	3.0	11.5	309.7	354.7	16.4	56.7	1.2	5.
2.3	16.2	936.1	900.0	27.6	19.1	204.2	12.4	5.1	11.3	310.0	354.3	15.7	59.9	1.7	11.
2.9	19.7	1185.3	875.0	27.9	18.0	203.5	12.3	4.9	11.2	309.5	354.5	15.1	64.6	2.2	14.
3.4	21.2	1435.9	850.0	27.9	16.8	203.1	12.4	4.6	11.4	310.1	349.9	14.4	68.9	2.7	16.
4.3	23.8	1699.9	825.0	20.3	16.4	204.7	13.6	5.7	12.3	310.1	349.9	14.4	78.5	3.2	17.
5.1	25.4	1978.5	800.0	15.5	0.5	221.7	13.2	8.0	10.1	311.9	333.7	5.4	83.0	3.8	18.
5.9	29.9	2236.7	775.0	20.1	0.1	234.7	14.4	11.4	8.4	315.4	337.8	7.7	88.2	4.4	24.
6.6	31.6	2522.3	750.0	18.8	5.1	234.4	14.2	11.8	8.4	317.0	336.7	7.4	90.6	5.1	28.
9.0	34.2	2912.2	725.0	16.6	2.5	236.5	14.4	12.0	7.9	317.7	336.5	6.4	98.8	6.0	33.
9.1	37.0	3109.5	700.0	13.7	0.3	239.4	13.9	12.0	7.1	317.6	334.4	5.6	105.9	6.9	36.
0.1	39.8	3414.6	675.0	11.0	-1.2	242.6	14.1	12.5	6.5	319.0	333.3	5.1	111.0	7.7	39.
1.1	42.7	3728.3	650.0	8.5	-1.7	246.9	13.7	12.6	5.4	319.0	334.3	5.2	116.7	8.4	41.
12.0	45.5	4051.4	625.0	6.0	-3.4	249.1	11.1	10.3	3.9	319.2	333.8	4.8	121.9	9.1	43.
13.0	48.5	4384.3	600.0	3.1	-4.8	244.6	9.2	8.3	3.9	319.7	333.4	4.5	126.2	9.6	45.
14.0	51.5	4727.8	575.0	0.1	-6.8	242.1	6.8	6.0	3.2	320.1	332.4	4.0	129.6	10.1	46.
15.2	54.6	5082.2	550.0	-3.4	-8.6	233.3	7.1	5.7	4.2	320.1	331.4	3.6	132.4	10.5	46.
16.4	57.7	5448.4	525.0	-5.1	-10.5	233.6	6.2	5.0	3.7	322.2	329.7	3.3	134.8	11.0	46.
17.6	61.0	5830.8	500.0	-6.2	-12.2	237.5	6.7	5.6	3.6	325.2	328.9	3.0	136.8	11.5	47.
19.3	64.1	6230.5	475.0	-4.6	-14.6	237.6	6.1	6.8	4.1	327.3	330.2	3.0	138.3	12.0	47.
20.8	67.6	6647.3	450.0	-11.9	-16.6	235.4	7.4	6.3	4.7	329.4	331.7	3.0	139.1	12.7	48.
21.3	71.0	7081.9	425.0	-15.5	-18.1	227.6	9.2	7.0	6.4	329.1	331.5	0.7	140.7	13.4	48.
23.3	74.6	7536.4	400.0	-19.1	-19.6	212.9	10.0	6.0	8.0	330.2	332.0	0.5	141.8	14.3	48.
24.4	79.3	8013.7	375.0	-22.3	-21.2	212.9	10.0	5.4	8.4	332.1	333.2	0.3	142.9	15.1	47.
26.3	82.2	8517.0	350.0	-25.8	-24.5	219.8	13.6	8.7	10.5	334.0	334.7	0.2	143.3	16.1	46.
27.7	86.3	9051.6	325.0	-29.1	-27.8	236.4	22.5	18.8	12.4	338.0	338.6	0.2	144.6	17.5	46.
29.3	91.5	9624.5	300.0	-32.4	-31.1	233.1	31.5	24.1	14.2	343.2	343.0	0.1	145.6	20.1	46.
31.3	95.0	10238.4	275.0	-35.8	-34.5	230.5	35.0	33.0	11.7	344.2	344.5	0.1	146.6	21.6	51.
33.0	99.6	10898.8	250.0	-39.7	-38.9	231.9	37.2	35.2	11.6	347.1	347.1	99.9	147.9	22.5	54.
35.0	104.6	11609.4	225.0	-44.6	-43.3	227.3	40.2	37.1	15.6	350.1	349.9	99.9	149.9	23.1	56.
37.2	110.0	12388.4	200.0	-50.1	-48.9	229.9	40.2	37.3	15.1	353.1	349.9	99.9	151.9	23.1	58.
39.5	115.8	13245.3	175.0	-57.5	-55.9	222.5	40.3	38.5	12.1	355.0	349.9	99.9	153.9	22.8	50.
42.1	122.0	14202.1	150.0	-64.1	-62.1	226.5	33.1	32.2	7.7	359.6	349.9	55.9	155.9	23.3	61.
45.1	129.0	15306.7	125.0	-69.3	-67.3	226.7	29.5	27.1	11.7	371.8	349.9	55.9	159.9	23.9	62.
49.1	137.0	16647.2	100.0	-75.0	-73.0	226.7	29.5	27.1	9.9	393.8	349.9	55.9	163.9	24.0	62.
99.9	99.9	99.9	75.0	55.9	55.9	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE - TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 31
 MEMESSEY, OHLAKERA

7 JUNF 1979
 2316 GMT

TIME MIN	CMTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT V DG M	E POT T DG M	MR RIO CM/KG	RM PCY	RANGE KM	AZ DG
0.0	16.4	343.0	961.6	33.8	19.1	180.8	7.7	9.8	7.7	310.4	351.0	14.7	42.6	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	95.5	99.9	55.9	999.9	99.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	90.5	999.9	99.9	999.9	99.9	999.
0.3	11.5	453.1	950.0	32.6	22.3	999.9	99.9	99.9	99.9	310.5	360.5	18.2	54.1	99.9	999.
1.2	13.9	653.9	925.0	30.7	21.7	999.9	99.9	99.9	99.9	310.7	369.1	17.9	58.7	99.9	999.
2.3	16.4	939.4	900.0	28.4	20.2	999.9	99.9	99.9	99.9	310.2	357.3	16.9	61.3	99.9	999.
2.4	18.9	1189.5	875.0	25.9	19.5	198.0	12.2	4.1	12.1	310.7	350.5	16.6	67.7	2.2	10.
3.6	21.5	1495.2	850.0	21.8	19.5	195.1	14.4	4.7	13.6	311.1	358.1	17.0	76.8	2.9	12.
4.4	24.0	1706.1	825.0	21.3	17.7	205.1	14.1	6.0	12.7	311.1	350.6	15.7	80.1	3.5	14.
5.2	26.6	1973.1	800.0	19.1	15.6	217.1	13.1	7.9	10.5	311.2	350.7	14.1	80.1	4.1	16.
5.8	29.2	2246.4	775.0	16.3	11.4	227.1	13.6	10.0	9.3	313.2	348.8	11.0	64.0	4.6	19.
6.6	31.9	2527.6	750.0	17.5	6.1	233.0	13.0	10.3	7.8	315.2	338.6	7.9	47.0	5.1	23.
7.6	34.6	2816.5	725.0	15.9	2.8	230.9	12.6	9.8	8.0	316.5	330.2	6.5	41.5	5.8	26.
9.0	37.3	3114.0	700.0	14.3	-1.8	233.9	11.2	9.0	6.6	318.4	332.9	4.8	32.9	6.7	30.
10.3	40.1	3419.7	675.0	11.8	-3.3	236.6	10.3	8.6	5.6	318.5	332.4	4.4	34.5	7.5	33.
11.5	43.0	3733.9	650.0	9.0	-4.5	237.2	8.3	7.0	4.5	319.1	332.1	4.2	38.2	8.1	35.
12.6	45.9	4057.1	625.0	6.2	-4.3	235.1	7.7	6.3	4.4	319.2	332.2	4.5	46.7	8.6	38.
13.7	49.8	4390.3	600.0	3.1	-5.3	235.6	6.4	5.3	3.6	319.7	332.9	4.3	54.2	9.0	37.
14.9	51.8	4733.5	575.0	-0.4	-6.7	238.7	6.3	5.4	3.3	319.6	331.9	4.0	62.1	9.5	36.
16.1	54.9	5087.4	550.0	-2.6	-7.6	236.4	6.6	5.5	3.7	321.0	326.6	1.7	30.5	9.9	39.
17.4	58.0	5459.4	525.0	-4.1	-8.9	223.4	7.4	5.1	5.3	323.2	328.5	1.5	27.8	10.5	39.
19.1	61.2	5839.8	500.0	-6.5	-9.8	224.7	7.4	5.2	5.3	325.2	329.3	1.2	26.0	11.1	40.
20.6	64.4	6238.2	475.0	-8.9	-9.0	222.9	8.3	5.6	6.0	327.6	329.7	0.8	19.5	11.9	40.
22.2	67.9	6653.9	450.0	-12.3	-11.1	220.0	8.0	5.2	6.1	327.8	330.0	0.6	19.6	12.6	40.
23.6	71.3	7088.5	425.0	-15.4	-13.3	217.2	8.6	5.8	7.6	329.2	330.6	0.4	14.7	13.5	40.
25.4	74.9	7543.3	400.0	-18.8	-15.7	224.2	13.1	9.1	9.4	330.6	331.8	0.3	15.2	14.5	40.
27.0	78.6	8021.9	375.0	-21.2	-18.6	234.4	20.3	14.5	11.0	333.6	334.7	0.3	15.4	16.0	41.
28.8	82.4	8528.1	350.0	-23.8	-20.8	239.9	29.0	25.3	14.5	336.7	337.5	0.2	13.9	18.6	43.
30.4	86.5	9067.6	325.0	-26.1	-23.4	244.7	32.6	32.6	13.9	340.7	341.5	0.2	14.3	22.2	46.
32.9	90.7	9640.7	300.0	-31.1	-27.4	247.2	35.1	32.4	13.6	341.6	342.2	0.2	18.2	26.4	50.
35.3	95.2	10231.7	275.0	-34.2	-31.2	244.9	36.3	32.9	15.4	342.8	343.3	0.1	19.4	31.2	52.
37.6	99.8	10948.6	250.0	-39.5	-34.3	242.3	37.5	33.2	17.4	347.2	347.7	0.1	18.9	36.5	54.
40.5	104.8	11620.6	225.0	-44.9	-39.9	242.3	39.8	35.3	16.5	349.7	349.9	99.9	999.9	42.8	55.
43.2	110.0	12377.8	200.0	-51.1	-45.0	232.6	36.1	34.5	10.8	351.2	349.9	99.9	999.9	48.0	57.
46.3	116.0	13253.9	175.0	-57.1	-49.9	261.0	33.3	32.8	5.2	355.7	349.9	99.9	999.9	55.0	59.
49.5	122.3	14215.4	150.0	-63.7	-54.9	249.1	32.3	30.2	11.5	360.4	349.9	99.9	999.9	63.6	61.
52.9	129.3	15315.8	125.0	-65.8	-59.9	189.0	29.6	4.1	29.3	368.4	349.9	99.9	999.9	68.3	61.
57.2	137.3	16641.9	100.0	-65.8	-59.9	999.9	99.9	99.9	99.9	392.8	349.9	99.9	999.9	99.9	999.
99.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.
99.9	99.9	99.9	50.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	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	99.9	999.

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

STATION NO. 33
 KTVV, OKLAHOMA
 7 JUNE 1979
 1321 GMT

102 180. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DEG K	E POT T DEG K	W3 RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	17.7	363.0	958.9	22.1	21.8	170.0	6.0	-1.0	5.9	298.8	346.4	17.4	98.0	0.0	0.
00.0	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
0.2	11.4	444.6	950.0	22.0	21.3	187.9	14.2	5.9	18.2	269.5	344.3	17.0	55.6	0.6	11.
1.0	13.6	677.5	925.0	22.1	21.1	206.1	20.6	9.0	18.5	308.2	346.0	17.4	54.7	1.0	15.
1.8	16.1	910.7	900.0	22.0	20.9	221.7	23.2	15.4	17.3	308.2	346.0	18.6	83.1	2.1	25.
2.7	18.5	1143.6	875.0	25.7	25.7	231.6	20.3	15.9	12.6	339.8	339.8	18.4	43.7	3.2	34.
3.6	20.9	1417.7	850.0	24.6	24.6	232.7	16.0	14.3	10.4	311.9	311.9	9.1	30.7	4.1	38.
4.4	23.3	1619.7	825.0	22.5	22.5	232.9	17.6	18.0	10.6	312.4	312.4	6.7	41.5	5.0	41.
5.2	25.7	1947.6	800.0	23.1	23.1	235.4	16.6	13.2	9.1	312.6	312.6	6.3	44.5	5.6	41.
6.1	28.2	2219.5	775.0	17.5	17.5	243.2	14.1	12.4	7.1	312.6	312.6	7.9	48.8	6.6	44.
7.0	30.6	2458.0	750.0	16.6	16.6	243.5	12.3	11.0	5.5	313.6	313.6	7.7	51.4	7.2	46.
8.0	33.3	2788.1	725.0	13.1	13.1	242.6	13.1	11.8	6.1	318.1	318.1	7.8	54.4	7.9	47.
9.3	35.9	3080.1	700.0	10.1	10.1	246.3	13.9	12.8	5.6	313.7	313.7	7.1	63.5	8.7	47.
9.9	38.6	3381.9	675.0	7.7	7.7	245.8	12.6	12.2	3.1	314.2	314.2	7.4	75.7	9.4	51.
10.8	41.3	3692.2	650.0	4.8	4.8	262.4	13.0	12.9	1.7	318.4	318.4	7.6	91.1	10.0	53.
11.8	44.1	4016.5	625.0	1.8	1.8	265.8	12.9	12.9	1.0	318.5	318.5	5.4	76.8	10.7	55.
13.0	46.9	4379.5	600.0	0.3	0.3	266.0	12.6	12.8	0.9	314.4	314.4	1.9	29.6	11.5	57.
14.1	49.8	4679.3	575.0	-1.6	-1.6	273.0	12.2	12.2	-0.0	316.1	323.5	1.7	28.4	12.2	55.
15.2	51.9	5032.2	550.0	-4.0	-4.0	279.6	11.6	11.4	-1.9	319.4	321.7	1.3	25.6	12.3	61.
16.7	54.9	5399.0	525.0	-4.5	-4.5	279.7	11.3	10.8	-3.4	323.6	324.1	0.3	5.8	13.6	64.
18.0	59.0	5781.6	500.0	-7.0	-7.0	277.1	12.3	12.2	-1.5	328.5	327.0	0.7	15.8	14.3	67.
19.3	62.1	6178.4	475.0	-9.6	-9.6	260.7	11.2	11.0	-2.1	326.1	327.0	0.2	5.9	15.1	69.
20.6	65.4	6595.2	450.0	-11.9	-11.9	287.8	10.1	9.6	-3.1	329.2	329.4	0.1	2.6	15.9	72.
22.2	68.8	7029.8	425.0	-15.2	-15.2	283.3	9.3	9.0	-2.1	329.5	329.7	0.1	2.1	16.3	72.
23.9	72.3	7484.3	400.0	-18.9	-18.9	282.2	10.4	10.1	-2.2	330.5	330.7	0.1	2.9	17.1	73.
25.3	75.9	7961.5	375.0	-22.3	-22.3	282.2	12.4	12.1	-2.6	332.1	332.3	0.0	1.8	18.3	75.
27.0	79.6	8468.7	350.0	-25.9	-25.9	276.4	13.7	13.6	-1.6	333.5	334.0	0.0	2.0	19.5	77.
28.6	83.5	8956.9	325.0	-30.0	-30.0	272.5	15.6	15.6	-0.7	335.4	335.5	0.0	2.5	20.9	78.
33.4	87.6	9483.5	300.0	-33.4	-33.4	261.6	24.1	23.9	3.5	338.4	338.4	0.0	2.8	22.7	79.
38.0	92.0	10171.1	275.0	-36.4	-36.4	255.7	39.2	38.9	7.7	342.5	342.5	0.0	1.0	25.6	79.
38.2	94.5	10926.0	250.0	-35.9	-35.9	257.4	51.7	50.5	11.3	346.7	346.7	0.0	0.9	26.9	79.
38.5	101.4	11538.9	225.0	-45.5	-45.5	97.9	55.7	54.3	12.5	348.7	348.7	0.0	0.9	29.6	78.
38.9	106.6	12313.3	200.0	-52.2	-52.2	99.9	59.9	59.9	99.9	350.1	350.1	0.0	0.9	35.9	78.
99.9	93.9	99.9	175.0	59.9	59.9	99.9	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	59.9	59.9	99.9	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	93.9	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

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

STATION NO. 33
 KTUV, OKLAHOMA
 7 JUNE 1979
 1405 GMT

126 101. 0

TIME MIN	CHTCY	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT Y DEG K	HR RTG GPN/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.4	363.0	999.9	25.6	21.0	180.0	7.6	0.0	7.0	302.3	348.8	17.5	80.0	0.0	0.
00.0	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	999.9	999.
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.2	450.7	950.0	25.1	21.5	331.2	7.2	1.1	-7.1	302.7	348.7	17.3	80.1	1.2	15.
0.9	13.6	689.3	925.0	23.4	21.5	274.1	6.4	0.3	-0.5	303.3	350.7	17.8	80.8	1.1	19.
1.4	16.0	929.9	900.0	21.7	19.4	218.3	17.7	11.0	13.9	303.5	347.5	16.3	88.2	1.6	23.
2.4	18.5	1178.4	875.0	22.7	12.6	229.6	23.6	17.9	15.3	307.4	336.9	10.7	53.6	2.7	31.
3.1	23.9	1427.8	850.0	24.0	9.8	230.4	20.7	16.8	12.1	311.2	336.9	9.0	40.5	3.6	37.
4.1	21.5	1688.5	825.0	22.4	7.9	230.0	20.2	15.4	13.0	312.2	336.6	8.1	39.4	4.7	41.
5.1	26.0	1953.2	800.0	19.9	7.8	227.9	15.0	18.1	12.8	312.4	334.3	8.3	45.4	5.8	43.
6.1	28.4	2279.5	775.0	18.3	6.8	233.5	19.4	13.6	11.6	313.2	330.7	8.0	47.1	7.0	46.
7.2	31.0	2506.6	750.0	16.2	5.5	238.4	16.6	14.1	8.7	314.2	326.2	7.6	49.1	8.2	46.
8.3	33.7	2796.3	725.0	14.0	4.4	238.1	16.1	13.7	8.5	314.5	330.1	7.3	52.3	9.2	47.
9.4	36.4	3091.4	700.0	11.3	3.9	244.6	15.4	13.9	6.6	315.0	330.2	7.3	60.4	10.2	48.
10.4	39.1	3394.3	675.0	9.0	3.7	254.0	14.4	13.8	4.0	315.7	337.4	7.4	69.2	11.1	50.
11.4	41.9	3708.1	650.0	6.3	3.2	267.5	11.9	11.9	0.5	316.2	334.2	6.5	60.5	11.9	52.
12.7	44.8	4026.7	625.0	3.8	1.2	282.0	10.2	10.4	-2.2	316.8	329.6	4.2	52.1	12.4	55.
14.0	47.7	4356.4	600.0	0.3	-0.5	293.6	10.3	10.0	-2.4	316.2	328.4	3.9	60.5	13.0	57.
15.3	50.7	4658.5	575.0	-1.8	-21.6	290.5	9.1	8.5	-3.2	318.1	322.4	1.2	19.9	13.5	60.
16.8	53.6	5049.6	550.0	-2.8	-29.7	300.5	8.1	7.0	-4.1	320.7	322.8	0.6	10.4	14.0	62.
18.3	56.8	5416.6	525.0	-4.8	-39.5	297.4	8.6	8.2	-2.4	322.7	324.6	0.6	12.3	14.3	65.
19.6	59.9	5799.5	500.0	-6.5	-32.9	274.1	9.7	9.6	-0.7	325.1	320.8	0.5	10.1	15.0	66.
21.2	61.1	6157.2	475.0	-5.4	-37.0	274.6	9.6	9.5	-1.1	326.1	327.6	0.3	8.4	15.8	68.
22.8	60.4	6612.8	450.0	-12.3	-36.4	293.5	8.2	8.0	-1.9	327.8	329.2	0.4	11.3	16.6	69.
24.4	69.9	7047.4	425.0	-15.0	-38.8	286.9	6.0	7.7	-2.3	329.7	330.8	0.3	11.0	17.2	71.
26.2	71.3	7502.9	400.0	-18.2	-44.1	284.8	6.1	7.8	-2.1	331.2	332.0	0.2	8.1	17.9	73.
28.2	77.0	7981.4	375.0	-21.3	-46.2	277.8	9.1	9.1	0.3	333.2	334.1	0.2	8.4	18.8	74.
30.3	80.8	8486.6	350.0	-25.5	-49.0	268.4	12.2	11.3	4.5	334.4	338.9	0.1	8.9	20.1	76.
32.4	94.7	9020.5	325.0	-26.1	-49.4	250.8	15.9	13.1	5.2	336.6	337.1	0.1	12.0	21.8	78.
36.4	88.8	9589.2	300.0	-31.1	-50.8	259.0	25.5	23.0	4.9	341.6	342.1	0.1	12.2	24.2	74.
38.7	93.2	10202.7	275.0	-34.1	-55.1	261.9	38.7	36.3	5.6	345.4	346.1	0.1	9.8	28.7	75.
39.2	97.8	10962.8	250.0	-39.2	-59.9	262.7	47.0	46.6	6.0	347.4	349.9	99.9	599.9	35.4	76.
41.0	102.8	11575.1	225.0	-45.7	-59.9	262.6	45.4	45.0	5.8	348.5	349.8	99.9	599.9	42.8	77.
43.0	105.0	12357.3	200.0	-50.1	-59.9	258.0	45.2	45.0	9.4	353.2	349.9	99.9	999.9	50.9	78.
49.2	114.0	13213.0	175.0	-56.1	-59.9	257.5	47.7	45.6	14.1	357.4	349.9	99.9	999.9	60.8	78.
51.5	123.3	14174.7	150.0	-64.2	-59.9	257.5	45.2	44.4	9.9	359.5	349.9	99.9	999.9	69.3	77.
53.0	127.3	14282.8	125.0	-65.5	-59.9	260.6	28.2	27.9	4.6	376.8	349.9	99.9	999.9	77.1	77.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

00 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
 00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
 RTVY. CILANDRA
 7 JUNE 1979
 1705 GMT

TIME MIN	CMTCT	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 CG K	W F RTO GM/KG	RM PCT	RANGE AZ KM	00 296. 0
0-0	11-1	363-0	961-0	29-0	23-9	190-8	4-0	1-0	5-9	305-2	358-9	19-8	74-0	0-0	0-
00-0	09-9	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
00-0	11-9	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
0-0	11-9	466-0	950-0	28-6	21-8	201-9	12-2	4-6	11-3	306-2	353-8	17-6	66-9	0-4	15-
1-0	14-3	702-0	925-0	26-0	20-9	201-7	12-8	4-7	11-9	305-5	352-3	17-2	73-6	0-8	19-
1-8	16-7	946-4	908-0	23-4	20-2	206-7	12-4	5-6	11-1	305-7	351-0	16-8	82-3	1-4	20-
2-7	19-1	1190-9	875-0	22-0	19-8	213-5	14-3	7-9	11-9	306-1	3-2-8	17-0	87-5	2-1	24-
3-4	21-6	1443-1	850-0	22-2	11-1	227-2	19-0	13-2	12-2	309-4	337-2	9-9	94-9	3-1	29-
4-7	24-1	1702-9	825-0	21-6	8-3	229-2	29-0	15-2	13-1	311-4	335-4	6-4	42-5	4-2	35-
5-6	26-4	1969-1	800-0	19-9	6-8	225-6	16-7	12-0	11-7	312-4	334-7	7-8	42-4	5-2	37-
6-5	29-1	2242-2	775-0	17-6	5-5	226-5	14-5	10-5	10-0	312-2	333-9	7-3	44-7	6-0	38-
7-6	31-7	2572-4	753-0	14-8	4-7	214-4	15-0	12-8	7-9	314-4	335-7	7-2	44-7	6-0	40-
8-4	34-3	2910-2	730-0	14-3	2-3	243-3	13-9	12-6	5-8	315-1	333-6	6-3	44-5	7-8	42-
10-0	37-0	3103-8	700-0	12-6	1-3	243-5	15-0	13-1	7-4	316-2	337-0	7-0	53-0	8-8	45-
11-3	39-7	3410-5	675-0	10-1	2-4	246-8	12-5	11-9	5-1	314-5	337-5	6-8	58-7	7-9	47-
12-4	42-4	3722-6	652-0	6-4	-0-6	253-8	11-0	10-6	3-1	316-2	331-1	5-6	60-5	10-7	49-
13-6	45-3	4043-7	625-0	4-5	-3-4	263-7	7-8	7-7	0-5	317-4	332-0	4-8	56-5	11-3	51-
14-9	48-2	4374-8	600-0	1-7	-7-6	272-3	5-6	5-8	-0-2	318-1	325-1	3-6	49-9	11-6	52-
15-9	51-1	4716-0	575-0	-1-3	-14-7	283-7	5-9	5-7	1-7	318-2	325-4	2-2	35-9	11-9	53-
16-9	54-1	5065-3	550-0	-2-9	-26-7	293-1	7-6	6-9	3-2	320-7	323-3	0-8	13-8	12-3	54-
18-0	57-3	5436-2	525-0	-5-3	-30-6	247-4	6-8	8-1	3-4	322-1	324-1	0-6	11-5	12-9	54-
19-2	60-4	5818-2	500-0	-6-7	-31-6	256-0	6-5	6-2	2-0	324-5	326-8	0-5	11-6	13-5	55-
20-6	63-5	6216-9	475-0	-9-3	-33-5	259-1	7-2	7-2	1-5	326-4	328-1	0-5	11-9	14-1	56-
22-1	67-0	6632-9	450-0	-11-7	-30-3	253-2	5-9	5-2	1-6	328-4	331-0	0-7	19-5	14-6	57-
23-6	70-3	7068-7	425-0	-14-4	-25-8	256-7	5-5	5-7	1-3	330-2	337-1	0-4	14-2	15-0	57-
25-3	73-9	7525-4	400-0	-17-5	-41-7	261-3	5-4	5-6	0-6	332-3	331-2	0-2	10-8	15-5	58-
26-6	77-5	8005-1	375-0	-21-4	-44-6	259-8	6-5	6-4	1-1	333-0	333-7	0-2	10-4	15-9	59-
28-5	81-3	8509-0	350-0	-25-7	-47-5	257-8	11-2	10-9	2-4	334-1	334-7	0-1	10-8	16-9	60-
30-5	85-2	9041-9	325-0	-28-7	-49-7	999-9	99-9	99-9	99-9	337-2	337-7	0-1	11-1	17-3	61-
32-5	89-3	9612-9	300-0	-30-9	-51-3	999-9	99-9	99-9	99-9	241-9	342-3	0-1	11-3	18-9	62-
00-9	93-9	98-9	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
00-9	96-9	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
00-9	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
00-9	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
00-9	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
00-9	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
00-9	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
00-9	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
00-9	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
00-9	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
00-9	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

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

ORIGINAL PAGE 1
 F POOR QUALITY

STATION NO. 31
 MVTY, OKLAHOMA
 7 JUNE 1979
 2305 GMT

TIME MIN	CMTCT	HEIGHT GPH	WRES WB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT Y DEG	E POT Y DEG K	HA RTO GM/KG	RM PCT	RANGE NM	AZ DEG	
0-0	10-3	363-0	961-4	31-9	22-9	182-0	6-6	6-0	6-0	308-6	359-2	18-6	59-0	0-0	0-	
00-0	00-0	98-0	1000-0	99-0	99-0	98-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	
00-0	00-0	99-0	975-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	
0-3	11-3	676-0	690-0	31-6	24-1	188-0	15-6	15-5	15-5	309-3	364-7	20-3	64-5	0-5	8-	
1-1	13-7	710-0	92-0	25-0	22-0	185-4	15-1	1-4	15-1	309-4	362-0	19-2	67-3	1-0	7-	
1-7	16-1	955-3	900-0	27-0	21-7	188-4	14-8	1-6	14-7	309-2	359-0	18-5	72-6	1-5	6-	
2-4	18-6	1204-8	875-0	24-5	20-0	193-6	14-0	3-3	13-7	309-2	350-0	17-1	74-1	2-2	7-	
3-4	21-1	1490-0	850-0	22-4	18-2	205-7	13-9	6-0	12-5	309-6	353-0	15-7	76-2	3-0	11-	
4-1	23-6	1719-1	825-0	20-4	16-5	212-3	15-9	8-5	13-4	310-2	350-3	14-5	78-0	3-7	14-	
5-3	26-1	1905-3	800-0	21-1	7-2	222-8	16-8	10-8	11-7	313-7	336-8	6-0	40-6	4-4	18-	
5-6	28-7	2280-1	775-0	20-4	4-8	231-3	13-8	10-8	6-6	315-7	336-2	7-0	35-9	5-0	23-	
6-7	31-3	2542-5	750-0	18-5	3-3	225-4	13-2	10-5	9-0	316-4	335-6	6-5	36-3	5-7	26-	
7-9	34-0	2831-7	725-0	16-0	0-4	242-2	12-5	11-0	5-4	317-1	333-4	5-5	34-6	6-5	30-	
8-1	36-7	3128-8	700-0	11-5	-0-2	248-5	10-0	8-7	4-9	317-2	333-7	5-4	38-8	7-2	34-	
10-3	39-4	3433-9	675-0	11-0	-1-6	232-1	7-6	6-0	4-7	318-2	333-4	5-1	42-1	7-8	35-	
11-5	42-2	3747-5	650-0	8-2	-2-4	228-6	6-4	4-8	4-2	318-2	333-2	4-9	46-9	8-2	36-	
12-6	45-1	4070-1	625-0	5-5	-3-3	233-3	4-7	3-8	2-7	318-4	333-1	4-7	52-1	8-6	37-	
13-9	48-0	4402-3	600-0	2-8	-4-8	236-5	3-4	2-8	1-9	319-2	333-0	4-5	57-5	8-9	37-	
15-2	51-0	4744-8	575-0	-0-3	-6-1	236-6	3-5	3-8	1-9	319-4	332-6	4-2	65-2	9-1	38-	
16-5	54-0	5086-7	550-0	-1-9	-27-3	232-3	5-8	4-4	3-5	321-6	324-4	0-7	12-2	9-4	32-	
17-8	57-0	5468-3	525-0	-3-1	-32-0	223-1	5-9	4-2	4-1	324-1	326-4	0-5	8-3	9-9	39-	
19-2	60-1	5852-5	500-0	-5-6	-33-8	221-9	5-5	3-7	4-1	326-0	327-5	0-4	8-8	10-4	35-	
20-5	63-5	6222-3	475-0	-8-6	-35-6	230-0	5-7	4-3	3-6	327-2	328-7	0-4	9-1	12-8	36-	
22-1	66-9	6609-9	450-0	-10-8	-40-1	223-1	7-7	5-4	5-4	329-6	330-6	0-3	6-9	11-4	42-	
23-6	70-3	7102-4	425-0	-14-1	-42-2	230-1	11-5	8-8	7-4	330-6	331-6	0-2	7-1	12-3	40-	
25-2	73-8	7622-2	400-0	-17-3	-39-3	243-3	19-0	16-5	9-4	332-2	333-7	0-3	12-6	13-6	42-	
26-7	77-4	8043-4	375-0	-20-4	-41-8	242-5	27-2	24-1	12-6	336-1	335-5	0-3	12-9	15-6	45-	
28-5	81-3	8522-2	350-0	-22-1	-44-9	242-4	31-0	27-5	14-3	339-0	339-8	0-2	10-4	18-7	47-	
30-3	85-3	9003-8	325-0	-25-9	-47-0	248-6	35-0	32-6	12-8	341-0	341-7	0-2	11-7	22-0	50-	
32-5	89-5	9467-6	300-0	-31-1	-49-7	250-3	35-2	33-2	11-9	341-2	342-0	0-1	14-0	26-5	54-	
34-8	93-8	10378-7	275-0	-35-9	-52-2	249-0	37-1	34-6	13-3	343-2	343-6	0-1	14-6	31-2	56-	
37-1	98-4	10736-6	250-0	-35-8	-50-8	248-2	41-7	38-2	16-9	347-0	349-5	0-1	14-6	38-7	58-	
39-9	103-4	11048-1	225-0	-41-6	-49-9	247-0	41-9	38-6	16-4	348-6	349-9	0-1	14-6	43-6	59-	
42-9	109-6	12025-0	200-0	-50-6	-59-6	253-6	37-5	36-0	10-6	352-7	359-9	0-1	14-6	50-4	61-	
45-8	114-4	13281-5	175-0	-57-0	-59-9	258-7	37-4	36-4	8-6	355-8	359-9	0-1	14-6	57-0	62-	
49-0	122-5	14243-8	150-0	-63-3	-67-9	244-2	29-9	27-8	11-1	361-1	359-9	0-1	14-6	63-1	64-	
52-3	127-3	15344-6	125-0	-61-5	-69-8	251-6	24-8	23-7	7-9	370-5	359-9	0-1	14-6	68-5	64-	
56-3	135-3	16871-7	100-0	-70-7	-69-9	99-5	24-9	23-7	99-9	370-5	359-9	0-1	14-6	68-5	64-	
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
99-9	99-9	99-9	99-9	99-9	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

7 JUNE 1979
1105 GMT

113 96. 0

TIME MIN	CHYCT	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 R DG M	E POT T DG M	HF RTO CM/KC	RH PCT	RANGE KM	AZ DG
0.0	11.3	417.0	951.4	23.1	19.5	190.0	6.2	0.9	6.2	300.2	340.7	15.2	80.0	0.0	0.
99.9	93.9	49.9	1008.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	599.9	55.9	994.9	994.9	994.9
99.9	99.9	99.9	575.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	599.9	59.0	999.9	999.9	999.9
0.0	11.4	424.0	950.0	23.2	19.6	188.3	6.7	0.7	6.7	300.7	341.4	15.4	80.6	0.1	4.
0.4	13.7	667.6	925.0	22.5	19.2	205.5	20.2	9.9	17.6	322.3	343.3	15.4	82.0	0.8	21.
1.7	15.9	902.7	900.0	21.1	15.0	222.8	23.1	15.7	17.0	305.2	340.2	12.0	64.3	1.9	31.
2.4	19.1	1150.5	875.0	20.9	11.8	226.7	21.9	16.0	15.0	310.7	339.0	10.0	41.4	2.9	37.
1.2	20.3	1405.4	850.0	24.5	10.4	229.6	21.0	14.0	13.6	311.4	331.2	9.4	41.5	3.9	39.
4.0	22.6	1646.0	825.0	24.1	9.0	229.9	20.9	14.2	13.0	312.4	337.0	8.0	43.1	4.9	41.
4.0	24.9	1932.3	800.0	15.4	7.6	227.7	18.2	14.5	12.2	312.4	336.1	8.3	45.0	5.9	43.
5.7	27.2	2205.2	775.0	17.6	6.7	217.5	16.0	16.1	10.2	312.7	335.7	8.0	46.6	6.8	44.
6.5	29.5	2484.8	750.0	15.3	5.6	241.7	16.0	15.8	6.5	313.2	335.6	7.9	53.3	7.7	46.
7.4	31.9	2771.8	725.0	13.2	5.1	241.0	16.2	14.2	7.9	314.0	336.2	7.7	57.9	8.5	49.
8.3	34.4	3065.5	700.0	10.3	7.6	241.8	15.1	13.5	6.7	313.5	333.3	6.6	58.8	9.3	47.
9.1	36.4	3367.6	675.0	8.2	7.9	240.5	14.5	13.6	5.1	314.4	335.3	7.0	65.3	10.1	50.
10.1	37.3	3678.1	650.0	5.4	-0.6	249.0	11.5	11.5	0.4	315.1	331.9	5.7	65.2	10.7	52.
11.1	41.9	3968.0	625.0	3.6	-6.0	278.2	11.4	11.3	-1.6	316.4	328.5	3.9	49.3	11.3	54.
12.1	44.6	4268.2	600.0	0.7	-7.7	290.5	9.5	8.9	-3.3	316.5	327.9	3.6	53.3	11.7	57.
13.1	47.2	4568.5	575.0	-1.2	-13.4	293.1	9.0	7.4	-3.1	316.6	323.3	3.4	23.7	12.0	59.
14.2	50.0	5022.5	550.0	-2.2	-24.7	293.7	7.5	7.6	-1.9	321.2	324.7	0.9	15.8	12.3	61.
15.3	53.8	5390.4	525.0	-4.5	-22.4	273.9	8.5	6.5	-0.9	323.0	327.1	1.2	23.3	12.7	62.
16.4	55.6	5712.9	500.0	-7.8	-22.9	273.4	8.6	8.0	-0.5	323.2	327.6	1.2	26.6	13.3	63.
17.4	58.6	6169.4	475.0	-10.8	-27.8	278.1	6.6	6.5	-0.9	324.4	327.4	0.8	23.0	13.6	65.
19.9	61.6	6383.2	450.0	-13.2	-30.2	278.0	4.8	4.6	-0.3	326.7	329.1	0.7	22.2	14.1	66.
20.2	64.6	7016.2	425.0	-15.9	-35.7	278.5	5.4	5.3	-0.9	328.4	330.1	0.4	16.4	14.4	66.
21.5	67.9	7469.2	400.0	-20.1	-36.4	277.8	7.4	7.4	-1.0	329.9	330.6	0.4	21.7	14.9	67.
23.1	71.3	7944.1	375.0	-23.7	-39.2	279.6	8.9	8.8	-1.5	330.2	331.6	0.4	24.8	15.5	69.
24.4	74.6	8444.7	350.0	-27.0	-41.9	269.8	11.2	11.2	0.0	332.4	333.4	0.3	22.5	16.3	70.
26.3	78.1	8975.3	325.0	-30.9	-45.4	261.2	14.9	14.7	2.3	334.2	334.9	0.2	21.2	17.5	71.
29.0	81.8	9539.8	300.0	-32.8	-47.4	257.1	24.0	23.8	6.4	339.2	339.9	0.2	21.3	18.6	72.
31.7	85.7	10150.6	275.0	-35.1	-50.3	257.1	43.8	42.3	11.6	344.3	344.9	0.1	19.4	23.3	73.
33.9	94.8	10806.2	250.0	-40.3	-59.9	252.1	49.7	47.3	15.2	346.2	349.9	59.9	554.9	29.2	73.
35.9	94.2	11317.7	225.0	-46.4	-59.9	251.7	47.5	45.0	16.9	347.2	349.9	59.9	999.9	35.6	73.
36.3	94.8	12791.2	200.0	-51.4	-59.9	240.6	44.5	40.8	17.7	351.4	349.9	59.9	559.9	42.4	72.
39.0	103.9	13143.2	175.0	-56.0	-59.9	249.0	42.4	40.9	19.5	352.4	349.9	59.9	594.9	44.3	71.
41.6	109.3	14096.4	150.0	-64.6	-59.9	249.7	42.7	40.8	14.8	358.4	349.9	99.9	994.9	54.5	70.
44.9	115.3	15200.5	125.0	-68.2	-59.9	249.8	30.0	28.2	10.4	371.2	349.9	99.9	559.9	63.8	71.
45.5	122.3	16344.7	100.0	-67.2	-59.9	999.9	99.9	99.9	99.9	399.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 1 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

7 JUNE 1979
1405 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG R	R ADJ T DEG R	MZ RTO GM/KG	RM PCT	RANGE KM	AZ DEG	
0-0	16-7	417-0	952-6	27-3	14-6	100-0	5-1	8-9	5-0	305-7	343-6	14-3	59-0	0-0	0-	
00-0	09-9	417-0	1000-0	27-3	14-6	100-0	5-1	8-9	5-0	305-7	343-6	14-3	59-0	0-0	0-	
00-0	09-9	417-0	975-0	27-0	14-6	100-0	5-1	8-9	5-0	305-7	343-6	14-3	59-0	0-0	0-	
0-1	10-9	439-4	950-0	27-0	14-6	100-0	5-1	8-9	5-0	305-7	343-6	14-3	59-0	0-0	0-	
0-0	13-0	474-0	925-0	23-6	10-4	158-2	10-6	3-3	10-1	304-6	345-6	15-2	63-6	0-3	15-	
1-7	15-2	418-5	900-0	23-2	16-3	225-2	22-4	9-0	15-4	303-2	344-3	15-2	75-3	1-0	26-	
2-5	17-5	1181-0	875-0	20-1	11-0	234-1	22-4	15-0	15-8	305-4	341-1	13-1	65-0	2-8	32-	
3-3	19-7	1417-1	850-0	25-2	10-3	234-2	14-0	14-0	13-2	310-6	338-0	9-9	40-3	3-1	39-	
4-1	22-0	1478-4	825-0	22-6	6-5	234-3	16-4	9-4	9-4	313-6	339-0	5-3	39-0	4-0	43-	
4-9	24-3	1947-1	800-0	22-2	7-6	237-3	15-9	13-4	8-6	314-6	330-7	8-2	38-9	6-6	46-	
5-9	26-7	2222-2	775-0	20-2	6-2	237-5	13-6	11-5	7-3	315-4	330-0	7-7	39-9	9-5	48-	
6-8	29-1	2903-9	750-0	17-4	5-6	235-1	13-2	10-8	7-5	315-7	337-7	7-5	44-5	7-2	40-	
7-7	31-4	2782-9	725-0	15-2	4-5	236-1	12-1	11-3	6-7	316-1	337-5	7-3	48-9	7-9	49-	
8-7	33-8	3089-1	700-0	12-5	2-8	239-0	12-4	10-7	6-2	316-3	336-2	6-7	51-7	8-6	50-	
9-7	36-3	3393-2	675-0	10-1	1-2	244-8	10-3	9-4	4-4	317-6	335-4	6-2	53-6	9-3	51-	
10-8	39-0	3796-2	650-0	7-6	-1-1	254-3	7-7	7-4	2-1	317-6	334-1	5-5	53-2	9-0	52-	
11-8	41-4	4028-3	625-0	5-0	-3-4	262-7	6-9	6-9	0-9	318-1	332-6	4-0	54-0	10-1	53-	
12-9	44-1	4359-7	600-0	1-9	-4-9	275-5	6-4	6-4	-0-6	318-2	331-8	4-4	60-8	10-8	55-	
14-0	46-8	4781-4	575-0	-1-3	-7-4	305-7	4-3	3-5	-1-5	318-2	330-2	3-8	62-5	10-9	56-	
15-1	49-6	5054-7	550-0	-3-5	-15-4	308-9	2-1	1-6	-1-3	320-6	326-8	2-1	39-6	10-9	57-	
16-3	52-4	5420-8	525-0	-5-8	-23-7	262-5	3-4	3-4	0-4	321-5	325-1	1-1	22-7	11-0	58-	
17-5	55-3	5801-9	500-0	-7-3	-27-4	261-6	5-3	5-2	0-0	324-2	326-0	0-8	18-1	11-3	59-	
18-9	59-3	6199-2	475-0	-10-0	-32-4	269-1	5-1	5-1	0-1	325-6	327-2	0-5	13-9	11-7	59-	
20-3	61-3	6618-0	450-0	-12-8	-32-5	279-6	4-9	4-0	-0-8	327-1	329-1	0-6	17-5	12-8	60-	
21-7	64-6	7046-2	425-0	-15-2	-35-1	272-7	6-1	6-1	-0-9	329-2	331-1	0-4	16-2	12-4	62-	
23-2	67-6	7507-3	400-0	-17-7	-37-8	272-1	6-7	6-7	-0-3	330-7	332-0	0-4	14-5	12-9	63-	
24-8	71-0	7981-6	375-0	-21-7	-41-7	251-7	7-5	7-1	2-4	332-5	333-9	0-3	14-3	13-5	64-	
26-4	74-4	8466-1	350-0	-25-6	-43-3	249-0	11-0	10-3	3-9	334-3	335-1	0-2	17-1	14-1	64-	
28-0	78-0	9018-3	325-0	-30-2	-46-9	250-4	17-0	16-0	6-8	335-1	335-0	0-2	17-5	15-7	65-	
29-8	81-9	9598-1	300-0	-36-9	-47-6	250-3	28-2	27-5	9-8	341-2	342-4	0-2	17-5	16-2	65-	
31-6	85-8	10200-7	275-0	-38-1	-50-9	253-7	39-0	37-6	11-0	344-4	344-9	0-1	17-9	21-8	67-	
33-7	90-0	10837-7	250-0	-45-3	-59-0	252-7	45-4	43-4	13-5	346-2	349-0	0-9	16-9	27-2	67-	
35-9	94-6	11469-2	225-0	-45-6	-69-9	247-8	42-9	39-7	16-2	348-7	349-0	0-9	16-9	33-2	69-	
39-3	99-4	12346-0	200-0	-49-9	-69-9	242-5	42-9	38-5	20-3	353-2	349-0	0-9	16-9	39-1	68-	
40-5	104-2	13205-1	175-0	-57-2	-90-9	243-0	41-2	34-0	18-1	354-2	349-0	0-9	16-9	45-2	67-	
43-2	109-0	14122-6	150-0	-65-8	-90-9	252-4	37-3	35-5	11-3	358-1	349-0	0-9	16-9	51-1	67-	
46-3	114-0	15205-8	125-0	-67-1	-69-9	258-9	99-5	99-9	99-9	373-2	349-0	0-9	16-9	57-1	64-	
49-7	123-0	16812-7	100-0	-67-2	-69-9	258-9	99-5	99-9	99-9	373-2	349-0	0-9	16-9	57-1	64-	
52-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
55-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
58-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
61-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
64-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
67-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
70-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
73-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
76-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
79-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
82-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
85-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
88-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
91-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
94-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
97-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
100-9	99-9	99-9	99-9	99-9	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

7 JUNE 1979
1704 GMT

116 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	T WIND DG C	DFW WIND DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT 1 DG K	WIND G/MIN	RM PCT	RANGE KM	AZ DG
0.0	9.1	417.0	953.8	11.8	18.0	180.0	6.2	8.0	8.2	309.1	347.2	13.8	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
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	999.9
0.0	10.2	433.0	960.0	31.0	19.7	202.6	13.3	5.1	12.3	308.7	351.0	15.5	51.4	0.4	20.
1.0	11.4	651.1	925.0	71.9	16.6	203.8	12.4	5.1	11.5	307.4	347.9	14.8	58.7	0.4	22.
1.0	14.4	913.4	900.0	24.9	17.1	205.3	17.2	5.0	11.9	307.2	34.3	13.8	62.1	1.4	23.
7.7	16.7	1180.6	875.0	23.4	15.0	218.3	13.9	8.5	10.9	308.1	342.3	12.4	58.5	2.1	25.
1.1	19.1	1434.2	850.0	24.0	10.3	230.5	13.4	8.4	8.5	311.1	337.7	9.3	42.0	2.0	29.
4.1	21.5	1634.9	825.0	21.3	8.5	230.5	12.8	9.4	8.2	312.2	336.5	8.5	41.1	3.1	34.
4.9	23.8	1901.5	800.0	20.6	6.3	227.2	14.0	10.7	9.5	313.2	335.6	7.5	37.2	3.9	36.
4.9	26.1	2295.7	775.0	19.9	4.4	228.2	14.5	10.8	9.6	315.2	335.7	7.0	37.0	4.6	38.
6.0	29.4	2717.4	750.0	19.9	2.4	228.8	13.7	10.0	9.4	316.0	334.1	6.1	35.6	5.2	40.
4.7	31.0	2906.4	725.0	18.6	2.0	225.1	13.5	9.6	9.6	316.4	334.7	6.1	39.6	6.5	41.
9.3	33.4	3107.9	700.0	17.7	0.8	225.5	12.1	8.6	8.5	316.4	333.6	5.8	48.2	7.4	41.
13.4	35.0	3487.2	675.0	16.3	0.2	234.7	10.7	8.6	6.2	317.1	333.3	5.8	45.6	6.1	42.
11.4	34.5	3750.6	650.0	9.3	-2.2	248.1	8.9	8.1	3.6	318.4	333.5	5.0	47.3	6.7	43.
12.5	41.7	4043.3	625.0	5.4	-4.3	258.8	6.4	6.3	1.2	318.6	332.2	4.5	49.7	9.1	45.
13.5	43.4	4374.3	600.0	2.3	-5.7	263.7	5.1	5.1	0.6	318.4	331.4	4.1	54.7	9.4	46.
14.7	46.0	4717.8	575.0	-0.9	-7.4	268.7	3.4	3.4	0.3	319.0	330.7	3.8	61.3	9.6	47.
15.9	49.3	5011.0	550.0	-3.6	-14.1	273.4	4.4	4.7	2.8	319.8	327.3	2.4	68.5	9.8	48.
17.3	52.1	5437.6	525.0	-4.7	-25.6	281.4	7.2	6.5	3.2	322.2	327.4	0.9	77.6	10.3	48.
19.2	55.0	5920.2	500.0	-6.2	-38.2	286.7	6.7	6.1	2.6	325.2	328.3	0.7	135.5	10.8	49.
19.5	56.0	6219.7	475.0	-5.1	-33.4	295.6	6.9	5.7	3.9	326.7	328.5	0.6	158	11.3	50.
22.4	61.0	6635.6	450.0	-11.9	-31.1	221.5	6.7	4.5	3.0	328.2	331.6	0.6	184.4	11.9	49.
23.9	64.1	7370.9	425.0	-15.0	-34.9	231.4	6.7	5.4	4.0	329.4	331.4	0.5	142	12.4	46.
23.9	67.4	7826.8	400.0	-18.1	-36.1	246.7	7.8	7.1	3.0	331.2	333.1	0.4	11.9	13.1	50.
25.5	70.8	8082.9	375.0	-21.2	-38.5	243.5	8.5	7.6	3.8	333.2	334.9	0.4	15.1	13.8	51.
27.2	74.3	8510.6	350.0	-23.5	-42.0	239.2	12.0	10.3	6.2	336.4	334.4	0.3	18.4	14.9	51.
29.0	77.0	9046.6	325.0	-27.0	-44.4	242.3	23.6	20.9	11.0	339.4	340.3	0.2	17.2	16.0	52.
30.8	81.6	9622.2	300.0	-25.6	-46.5	248.3	30.1	27.9	11.1	343.7	344.5	0.2	17.4	19.5	54.
32.6	85.5	10235.9	275.0	-35.1	-51.0	252.1	35.0	33.3	10.8	344.2	344.6	0.1	17.9	23.0	57.
34.4	89.7	10802.6	250.0	-46.2	-54.9	241.4	34.4	37.3	12.5	346.2	593.9	99.9	95.5	26.9	57.
36.7	94.2	11603.3	225.0	-45.0	-60.9	247.1	41.2	38.5	16.2	349.0	592.9	99.9	69.5	32.5	61.
39.3	94.7	12376.8	200.0	-51.2	-64.9	242.6	34.5	34.5	17.2	349.0	592.9	99.9	69.5	36.4	62.
42.0	104.0	13275.4	175.0	-58.1	-69.9	242.2	40.0	35.4	18.7	354.0	593.9	99.9	69.5	40.0	62.
44.4	105.3	14192.6	150.0	-64.7	-75.9	248.8	35.8	32.9	12.9	358.2	594.9	99.9	69.5	51.5	62.
47.4	115.7	15292.1	125.0	-67.4	-99.9	251.2	28.2	25.1	8.5	371.1	599.9	99.9	69.5	57.0	63.
51.2	122.7	16624.5	100.0	-68.3	-99.9	999.9	99.9	99.9	99.9	395.8	999.9	99.9	69.5	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

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

STATION NO. 34
KOUN-AIN VIEW, CHLANCMA
7 JUNE 1979
2005 GMT

126 100. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DBS PT DG C	DIF DG	SPEED M/S	V COMP M/SEC	Y COMP M/SEC	POY T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DC
00	11.3	417.0	953.4	34.1	16.5	170.8	6.7	-1.2	4.6	311.2	346.4	12.5	35.0	0.0	0.
01	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	09.9	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
03	11.5	448.4	550.0	33.3	17.6	174.9	8.6	-0.5	8.6	311.0	348.4	13.5	39.0	0.1	2.
04	13.7	699.6	625.0	38.3	20.1	192.9	12.2	2.9	12.4	310.2	355.3	16.2	53.7	0.8	9.
05	14.2	934.7	900.0	42.5	19.3	200.3	12.3	4.3	11.5	310.9	356.8	15.9	57.4	1.7	13.
06	18.6	1104.7	675.0	25.8	17.4	202.0	13.4	5.0	12.4	310.6	350.9	14.5	59.9	2.9	16.
07	21.5	1439.5	650.0	22.7	16.6	203.5	13.4	5.3	12.3	311.5	350.4	14.2	64.3	3.2	17.
08	23.0	1700.5	625.0	22.0	12.1	202.2	14.2	5.4	13.2	311.5	342.6	10.9	53.6	3.9	18.
09	26.0	1907.8	600.0	21.2	9.1	212.1	13.3	7.1	11.3	313.8	340.0	9.1	45.7	4.6	19.
10	29.6	2252.1	775.0	20.8	5.0	226.3	14.0	10.1	9.7	315.4	336.1	7.1	37.3	5.2	22.
11	31.2	2524.3	750.0	18.3	3.0	227.9	12.3	9.3	8.4	318.6	335.4	6.3	35.6	5.9	20.
12	33.9	2911.5	725.0	15.7	0.9	225.5	13.7	9.8	9.6	316.7	333.1	5.5	35.9	4.7	28.
13	36.6	3110.4	700.0	13.5	-1.1	227.9	12.6	9.5	8.6	317.4	332.6	5.0	36.4	7.5	30.
14	39.2	3415.2	675.0	11.1	-2.9	227.7	11.3	8.4	7.6	318.0	331.0	4.6	37.4	6.3	32.
15	42.0	3724.4	650.0	8.0	-4.4	225.5	6.1	5.7	5.6	318.0	331.0	4.3	41.2	8.9	33.
16	44.9	4050.0	625.0	5.6	-4.6	219.7	6.6	4.0	5.3	318.5	332.2	4.4	47.6	9.3	33.
17	47.8	4353.4	600.0	2.7	-5.5	219.7	5.5	3.5	4.2	319.3	332.2	4.2	54.8	9.7	33.
18	50.8	4725.9	575.0	-0.3	-12.2	232.3	6.8	5.4	4.1	319.7	327.9	2.6	40.3	10.1	34.
19	53.9	5079.6	550.0	-3.3	-16.0	245.8	7.4	6.9	3.1	320.2	326.6	2.0	36.6	10.5	35.
20	56.9	5446.5	525.0	-6.2	-24.8	247.1	6.1	5.7	2.4	323.4	326.7	1.0	18.1	11.0	37.
21	60.0	5830.0	500.0	-9.5	-37.9	244.7	6.2	5.4	2.7	326.2	329.0	0.8	15.5	11.2	38.
22	63.3	6229.5	475.0	-12.9	-34.9	236.9	6.2	5.2	3.4	327.0	329.0	0.7	16.3	11.8	39.
23	66.6	6646.4	450.0	-11.2	-31.2	229.3	6.6	5.2	4.4	329.8	331.4	0.6	17.3	12.2	36.
24	70.0	7082.2	425.0	-14.5	-33.1	225.6	6.6	6.0	5.9	330.8	331.4	0.5	18.6	12.9	39.
25	73.6	7538.8	400.0	-17.9	-35.9	221.4	8.8	5.7	6.4	331.8	333.4	0.4	18.8	13.6	40.
26	77.3	8018.1	375.0	-21.1	-38.9	219.8	13.4	8.6	10.3	333.7	335.0	0.3	18.3	16.5	40.
27	81.2	8524.8	350.0	-23.7	-40.6	231.0	24.2	19.0	15.1	336.5	338.0	0.3	19.3	16.1	40.
28	85.2	9065.0	325.0	-25.2	-42.0	240.3	31.7	27.6	15.7	342.0	343.1	0.3	19.0	18.9	43.
29	89.1	9641.1	300.0	-30.0	-45.7	246.7	33.1	30.4	13.1	343.1	344.0	0.2	19.7	22.5	46.
30	93.8	10211.4	275.0	-35.8	-49.6	247.2	35.8	32.2	13.6	343.4	344.0	0.1	22.2	26.3	50.
31	98.4	10719.9	250.0	-40.5	-49.9	242.6	37.2	33.1	17.2	349.5	349.9	0.1	22.2	26.3	50.
32	103.4	11224.4	225.0	-44.5	-49.5	237.6	37.2	33.1	17.2	349.5	349.9	0.1	22.2	26.3	50.
33	108.8	12398.7	200.0	-51.3	-49.9	239.6	43.1	37.2	21.7	350.2	350.9	0.1	22.2	26.3	50.
34	114.5	13254.0	175.0	-54.0	-49.9	239.6	43.1	37.2	21.7	350.2	350.9	0.1	22.2	26.3	50.
35	121.0	14212.9	150.0	-63.8	-49.9	248.1	28.4	26.4	10.6	340.7	340.7	0.1	22.2	26.3	50.
36	128.0	15321.6	125.0	-65.9	-49.9	509.9	99.9	99.9	99.9	372.8	372.8	0.1	22.2	26.3	50.
37	136.0	16652.6	100.0	-65.0	-49.9	509.9	99.9	99.9	99.9	394.4	394.4	0.1	22.2	26.3	50.
38	144.0	18199.9	75.0	-65.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	152.0	19999.9	50.0	-65.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	160.0	22000.0	25.0	-65.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

7 JUNE 1979
2305 GMT

114 90. 0

TIME MIN	CNTC	HEIGHT GPN	PRES MB	TEMP DF C	DEW PT DG C	DIR DG	SPEED M/SEC	COMP M/SEC	V COMP M/SEC	POT 3 DG K	E POT 1 DG K	MP ATO GMAKG	RM PCT	RANGE KM	AZ DC
01.0	10.6	417.0	993.3	34.4	17.6	170.0	4.1	-0.7	4.0	311.6	347.4	13.4	37.0	0.0	0.
02.0	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
03.0	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	10.9	448.4	999.0	33.1	19.4	175.4	11.2	-0.8	11.1	310.4	354.0	15.6	46.1	0.3	35.5
05.0	13.1	499.1	999.0	31.2	19.9	173.7	13.1	-0.3	13.1	311.2	374.6	16.0	51.0	0.6	35.5
06.0	15.3	494.5	999.0	24.6	19.0	171.5	15.2	0.3	12.9	311.2	374.6	15.6	55.4	1.1	35.6
07.0	17.4	485.2	999.0	24.4	17.9	171.1	17.4	1.1	12.5	311.2	374.6	14.2	59.2	2.0	35.9
08.0	17.4	485.2	999.0	24.1	16.7	171.5	16.6	1.0	16.6	311.2	374.6	14.2	63.4	2.7	1.
09.0	21.9	470.6	825.0	21.6	15.3	200.9	14.6	3.2	13.6	311.4	367.8	13.6	67.4	3.6	1.
10.0	24.5	468.3	800.0	15.6	14.3	211.0	13.2	10.2	16.3	312.1	367.8	12.9	71.2	3.9	6.
11.0	24.5	468.3	775.0	17.8	12.3	224.1	14.2	9.9	10.2	313.0	367.8	11.8	70.2	4.7	13.
12.0	24.9	462.9	750.0	14.0	4.7	227.2	7.9	7.1	7.1	316.1	337.2	7.2	41.4	5.4	13.
13.0	31.3	442.2	725.0	14.0	2.6	212.1	10.3	5.5	6.7	311.9	335.2	6.4	41.6	6.1	21.
14.0	31.7	440.0	700.0	12.9	0.7	209.6	9.3	7.1	6.0	316.7	335.9	5.8	43.0	6.0	2.
15.0	36.2	441.6	675.0	10.8	-1.1	247.2	5.6	6.7	4.0	317.5	331.7	5.3	42.3	7.1	25.
16.0	36.7	441.6	650.0	8.3	-2.4	247.0	9.2	6.7	3.6	318.4	331.4	5.0	40.7	7.0	25.
17.0	41.3	405.0	625.0	5.7	-3.4	256.4	5.0	6.8	2.1	318.5	333.2	4.4	32.3	8.0	31.
18.0	46.6	472.2	600.0	2.6	-5.0	265.6	6.3	6.3	0.6	319.2	332.6	4.4	31.2	8.6	34.
19.0	46.6	472.2	575.0	-0.5	-7.9	250.9	6.7	6.7	0.6	319.4	330.7	3.7	27.6	6.7	37.
20.0	49.3	578.9	550.0	-2.8	-17.8	250.9	5.6	5.3	1.6	320.4	320.4	1.7	20.4	5.0	34.
21.0	52.1	546.4	525.0	-4.2	-26.7	232.5	6.7	5.3	4.1	323.4	325.2	0.8	15.3	5.3	40.
22.0	58.9	542.7	500.0	-6.3	-28.7	229.0	4.9	3.7	3.2	325.2	327.9	0.7	15.8	9.9	40.
23.0	60.9	622.8	475.0	-5.1	-30.4	231.1	5.2	5.0	3.7	326.7	328.9	0.6	15.8	10.3	41.
24.0	63.9	664.6	450.0	-11.4	-32.7	233.4	10.3	7.9	6.6	328.5	331.2	0.7	19.4	10.9	41.
25.0	67.0	731.6	425.0	-14.0	-32.3	234.3	15.9	12.9	9.3	331.1	333.2	0.6	19.5	12.0	42.
26.0	70.3	802.1	400.0	-16.9	-35.1	242.2	22.1	19.6	10.3	333.0	334.7	0.5	18.0	13.5	46.
27.0	73.7	853.2	375.0	-20.3	-39.1	237.2	27.8	23.4	15.0	334.7	336.0	0.3	16.7	15.8	47.
28.0	77.3	907.4	350.0	-22.4	-40.8	235.3	29.5	28.2	16.8	338.6	339.7	0.3	16.8	18.7	48.
29.0	81.0	963.1	325.0	-26.2	-43.5	236.6	31.5	28.0	18.4	340.6	341.9	0.2	17.8	22.0	49.
30.0	84.9	1025.1	300.0	-31.3	-45.9	239.3	33.2	28.6	16.9	341.2	342.0	0.2	21.9	25.4	50.
31.0	89.9	1085.9	275.0	-36.1	-47.9	235.1	36.3	32.9	19.2	343.0	343.5	0.1	22.3	27.4	51.
32.0	93.3	1162.0	250.0	-40.5	-49.9	234.8	35.9	32.3	22.8	345.5	345.9	99.9	99.9	11.1	52.
33.0	93.3	1162.0	225.0	-46.1	-51.9	235.1	40.7	33.4	23.1	347.8	347.8	99.9	99.9	18.1	52.
34.0	98.0	1235.8	200.0	-51.8	-53.9	231.1	37.0	33.0	16.7	350.1	350.9	99.9	99.9	41.2	53.
35.0	103.0	1325.3	175.0	-56.9	-57.9	235.3	37.4	34.0	15.6	350.1	350.9	99.9	99.9	44.4	54.
36.0	107.4	1420.9	150.0	-64.4	-59.9	244.2	29.8	28.9	13.0	352.2	352.2	99.9	99.9	53.9	50.
37.0	114.5	1530.9	125.0	-68.6	-59.9	242.5	24.7	21.9	11.4	370.6	369.9	99.9	99.9	59.4	50.
38.0	121.3	1663.2	100.0	-70.5	-59.9	99.9	99.9	99.9	99.9	391.1	391.1	99.9	99.9	99.9	99.9
39.0	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.0	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
41.0	99.9	99.9	25.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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

STATION NO. 34
SEILING, OKLAHOMA
7 JUNE 1979
1127 GMT

48 883. 0

TIME MM	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	W COMP M/SEC	V COMP M/SEC	POT T DG K	R POT T DG K	HZ RTO CM/KG	RM PCT	RANGE AZ KM	DG
0.0	13.2	880.0	931.7	20.0	18.8	188.0	8.0	8.0	299.2	336.3	336.3	14.1	88.0	0.0	0.
00.0	03.9	99.9	1000.0	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	09.9	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
00.0	13.8	651.6	953.0	20.6	19.0	186.2	11.0	1.2	300.4	331.8	331.8	11.7	70.7	0.1	5.
1.3	16.3	889.5	900.0	21.2	17.1	204.4	21.4	0.8	303.4	340.5	340.5	13.6	77.4	1.1	13.
2.7	14.7	1135.4	875.0	24.5	12.1	224.2	19.9	13.9	389.2	337.8	337.8	10.2	66.1	2.9	27.
4.0	21.2	1389.8	850.0	25.2	11.0	241.3	18.7	18.6	312.5	340.3	340.3	9.8	41.0	4.3	36.
5.6	23.7	1651.5	825.0	23.7	9.2	243.8	16.9	15.4	6.9	339.2	339.2	6.9	39.8	5.8	44.
7.4	26.2	1916.6	800.0	22.1	8.0	249.8	13.5	12.8	5.5	314.2	339.3	6.5	40.4	7.3	49.
9.5	29.8	2194.7	775.0	20.3	6.6	249.6	13.1	12.2	4.6	215.2	338.7	7.9	40.9	9.0	53.
11.6	31.4	2476.5	750.0	17.6	6.8	248.4	14.4	13.4	3.3	315.2	336.9	7.3	43.0	10.5	56.
13.2	34.1	2765.0	725.0	14.9	1.9	252.9	12.8	12.3	3.8	315.2	333.8	6.1	41.4	11.9	57.
14.8	36.8	3041.2	700.0	12.5	0.5	260.1	11.7	11.7	0.8	310.4	333.3	5.7	43.7	12.9	59.
16.7	39.6	3365.0	675.0	9.6	-0.6	269.5	11.1	11.1	0.1	310.4	332.6	5.4	48.8	14.1	62.
19.2	42.4	3677.0	650.0	6.9	-3.7	273.2	12.1	12.1	-0.7	313.2	330.4	4.5	46.8	15.6	65.
21.5	45.3	3958.1	625.0	5.0	-8.2	291.9	8.5	8.2	-3.3	319.2	328.0	3.2	36.1	16.8	68.
23.4	49.1	4329.5	600.0	2.3	-11.5	305.4	6.1	6.2	-8.1	318.2	327.1	2.6	35.2	17.5	71.
27.4	51.1	4671.9	575.0	-0.5	-17.4	321.5	10.5	5.6	-8.9	319.2	331.2	3.8	59.2	19.3	76.
33.7	54.1	5325.8	550.0	-3.6	-21.9	336.2	9.4	3.5	-8.7	319.2	330.1	3.3	61.6	18.8	83.
35.9	57.3	5392.5	525.0	-4.6	-27.1	292.3	7.5	6.9	-2.8	323.6	325.7	0.8	15.6	19.9	86.
39.9	59.9	99.9	500.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
40.9	59.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
43.0	61.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
45.9	63.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
48.9	65.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
50.9	67.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
53.9	69.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
56.9	71.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	73.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
62.9	75.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
65.9	77.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
68.9	79.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
71.9	81.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
74.9	83.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
77.9	85.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
80.9	87.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
83.9	89.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
86.9	91.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
89.9	93.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
92.9	95.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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

STATION NO. 30
SEILING, CULANCHA

7 JUNE 1979
1406 GMT

125 91. 0

TIME MIN	CNCT	HEIGHT GPH	WRES MS	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG M	E POT T CG K	HA RTO GM/KC	RM PCT	RANGE KM	AZ DG
0-0	13-0	595-0	57-7	24-8	16-8	220-0	10-0	6-4	7-7	304-6	339-2	13-0	61-0	3-0	0-
00-9	04-9	1033-0	99-9	24-9	16-9	220-0	10-0	6-4	7-7	304-6	339-2	13-0	61-0	3-0	0-
00-9	04-9	94-9	94-9	55-9	57-9	94-9	99-9	94-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
00-9	04-9	56-9	953-0	99-9	93-9	92-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-2	13-7	681-9	24-2	17-1	17-1	215-2	8-4	4-9	6-9	308-6	340-4	13-5	65-0	0-2	27-
1-3	16-7	901-5	600-0	21-0	17-3	219-0	10-4	6-2	8-2	303-4	341-6	14-0	76-6	0-5	36-
1-6	15-6	1145-8	675-0	20-4	14-1	236-4	18-8	17-3	8-2	365-6	336-9	11-7	67-2	1-2	40-
2-6	21-1	1357-6	650-0	22-3	10-8	259-4	19-4	16-0	3-7	309-2	336-4	5-4	47-9	1-9	53-
3-4	23-6	1657-4	625-0	21-7	9-3	257-2	17-3	16-9	3-8	311-2	337-1	5-0	45-2	2-7	62-
4-2	24-1	1923-0	600-0	21-5	4-3	241-8	14-7	13-0	7-0	313-0	337-8	6-7	45-4	3-5	64-
5-1	24-7	2157-8	775-0	15-2	6-6	224-8	14-8	11-3	9-6	314-2	337-8	7-9	43-8	4-2	82-
6-0	31-2	2479-6	750-0	14-5	4-3	233-0	14-0	11-5	8-0	316-7	337-2	7-0	38-9	5-0	60-
7-1	34-0	2765-3	720-0	16-6	2-3	248-9	11-6	10-8	5-1	317-4	336-2	6-3	38-2	5-9	60-
8-2	36-7	3047-0	700-0	11-9	1-3	246-1	10-1	9-2	4-1	317-5	335-8	6-0	42-3	6-5	61-
9-2	32-4	3372-5	675-0	11-2	1-0	245-7	5-4	6-6	3-9	318-2	336-4	6-1	49-4	7-2	61-
10-4	42-2	3646-2	650-0	8-2	-0-2	248-6	8-3	7-5	3-6	318-2	335-8	5-8	55-6	7-8	62-
11-5	45-0	4007-7	625-0	5-2	-1-9	248-9	8-0	7-3	3-4	318-2	335-8	5-3	59-9	8-3	62-
12-6	43-0	4386-7	600-0	2-4	-6-9	241-0	6-7	5-8	3-2	318-5	330-7	3-8	50-7	8-9	62-
14-2	51-0	4843-1	575-0	-6-7	-9-1	237-0	4-7	3-9	2-6	319-2	329-5	3-3	52-6	9-4	62-
15-4	54-0	5032-7	550-0	-3-8	-8-8	233-3	3-4	2-8	2-1	319-2	330-7	3-6	48-3	9-6	62-
16-6	57-1	5432-4	525-0	-4-5	-22-5	242-2	6-5	5-6	3-2	321-4	325-8	1-2	24-7	10-9	61-
17-7	62-3	5784-7	500-0	-4-9	-26-3	243-5	5-7	8-7	4-3	324-2	327-2	0-7	16-2	10-6	62-
19-1	63-5	6182-9	475-0	-5-6	-26-2	238-9	7-1	6-0	3-9	326-1	329-3	6-9	24-3	11-3	62-
20-4	66-9	6568-2	450-0	-12-5	-35-8	235-2	6-1	5-0	3-5	327-2	328-9	6-4	12-2	11-7	61-
21-9	73-3	7231-7	425-0	-16-0	-44-5	234-4	7-1	5-9	3-8	329-2	329-6	6-3	12-4	12-3	61-
23-4	73-7	7485-7	400-0	-18-7	-45-0	246-9	7-7	7-0	3-0	330-2	332-4	0-5	22-1	12-9	61-
25-2	77-4	7924-1	375-0	-22-0	-39-4	252-3	8-5	8-3	1-9	332-2	333-7	0-3	18-9	13-6	62-
26-7	81-2	8467-5	350-0	-25-9	-42-8	270-8	5-6	8-6	-0-1	333-5	334-8	0-2	19-0	14-6	63-
28-6	85-2	9006-1	325-0	-30-2	-47-3	271-7	10-4	10-4	-8-1	335-1	335-7	0-2	17-8	15-7	63-
30-4	84-2	9543-6	300-0	-34-4	-53-6	259-8	10-7	10-5	1-9	335-2	336-0	6-1	15-1	16-6	67-
32-3	93-5	10166-1	275-0	-35-4	99-9	253-5	17-5	16-8	5-0	338-2	339-9	59-9	955-9	18-1	67-
34-7	93-2	10913-6	250-0	-42-1	59-9	256-4	32-3	31-3	7-6	343-2	354-5	59-9	959-9	21-5	69-
37-0	102-8	11421-6	225-0	-45-7	59-9	252-0	42-4	40-3	13-1	348-2	369-9	54-9	965-9	24-3	70-
39-8	104-0	12257-1	200-0	-45-7	59-9	247-3	43-7	35-9	18-7	351-7	368-8	56-9	966-9	33-7	70-
42-5	113-6	13154-1	175-0	-47-5	67-9	243-5	44-8	40-8	18-6	355-1	369-9	99-9	966-9	41-4	64-
45-7	119-6	14112-1	150-0	-48-8		248-2	41-7	38-7	15-5	360-2	369-9	56-9	966-9	50-3	65-
49-5	126-3	15224-1	125-0	-44-3		252-4	26-6	25-4	8-0	376-2	369-9	56-9	966-9	57-7	69-
53-7	134-0	16574-9	100-0	-46-9		109-5	2-9	-2-8	1-0	378-2	369-9	59-5	999-9	62-0	69-
00-9	94-9	99-9	75-0	55-9		99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
00-9	92-9	90-9	50-0	96-9		99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
00-9	90-9	90-9	25-0	55-9		99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 13 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEELING, OKLAHOMA
7 JUNE 1979
1705 GMT

128 05. 0

TIME MIN	UNCT	HEIGHT GPM	PRES MB	TEMP DE C	DEW PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG M	E POT T DG M	WZ RTO GPKG	RM PCT	RANGE NM	AZ DG
0.0	13.0	589.0	934.6	30.8	19.1	210.0	9.0	4.5	7.8	309.1	330.6	10.9	38.0	0.0	0.
00.0	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	09.9	99.9	99.9	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	13.9	688.8	925.0	28.8	18.2	210.1	7.4	3.7	6.4	306.2	341.1	12.7	54.0	0.2	27.
1.2	16.3	922.2	933.0	24.3	15.8	211.6	5.5	2.9	4.7	306.2	341.3	12.7	59.3	0.5	30.
3.2	19.8	1165.3	875.0	21.6	14.9	207.9	4.9	2.3	4.3	306.2	340.0	12.3	65.7	0.8	31.
3.2	21.3	1415.5	850.0	15.4	14.1	204.2	5.7	2.3	5.2	306.2	339.5	12.0	71.6	1.1	29.
4.1	21.8	1672.3	825.0	21.5	9.9	212.6	9.3	5.0	7.8	311.2	336.2	8.8	44.8	1.4	28.
5.0	24.3	1945.0	800.0	27.5	5.9	222.7	12.5	8.8	9.5	315.1	336.5	7.3	34.0	2.1	32.
6.0	24.9	2220.2	775.0	26.5	4.0	232.3	13.1	10.4	8.0	315.2	335.2	6.6	33.8	2.8	35.
6.9	31.5	2532.4	750.0	18.4	2.5	242.1	13.4	12.2	6.5	316.2	334.7	6.1	34.4	3.5	40.
7.4	34.2	2791.7	725.0	16.0	0.1	249.4	14.1	12.1	7.3	317.6	334.0	5.3	33.8	4.2	44.
9.6	36.9	3088.6	700.0	13.5	-2.1	231.4	13.4	10.5	6.4	317.2	331.6	4.7	33.8	4.8	45.
9.5	32.7	3193.4	675.0	10.9	-3.1	231.0	12.9	10.0	6.1	317.2	331.6	4.5	37.4	5.6	46.
10.4	42.4	3472.0	650.0	8.4	-3.6	231.8	12.1	9.5	7.5	318.4	332.1	4.5	42.5	6.3	47.
11.4	45.3	3709.7	625.0	5.6	-4.4	231.3	10.0	8.7	6.4	318.5	332.4	4.4	46.6	6.9	47.
12.4	43.2	4361.4	600.0	2.5	-5.4	232.2	10.1	8.0	6.2	319.6	331.7	4.1	54.4	7.5	48.
13.3	51.1	4704.1	575.0	-0.5	-6.9	223.5	8.7	6.6	5.7	319.6	331.2	4.0	63.2	8.1	49.
14.4	58.1	5077.3	550.0	-4.1	-11.5	223.2	7.3	5.6	4.8	319.2	328.2	2.9	56.6	8.6	49.
15.6	57.3	5423.4	525.0	-5.3	-12.6	227.8	6.3	7.7	3.1	322.0	326.2	1.2	24.2	9.1	49.
15.4	60.4	5801.4	500.0	-7.3	-14.6	223.0	6.2	8.1	1.0	324.1	327.4	1.0	23.6	9.6	50.
18.1	63.7	6233.3	475.0	-5.2	-12.9	228.4	7.2	7.1	1.5	326.2	328.7	0.6	15.2	10.2	52.
19.4	67.0	6612.6	450.0	-12.4	-13.5	228.1	7.7	7.3	2.4	327.2	329.4	0.5	15.2	10.7	53.
20.7	70.4	7242.2	425.0	-14.2	-14.1	243.9	6.4	7.4	3.8	329.2	330.5	0.7	26.3	11.3	54.
22.1	74.0	7534.5	400.0	-15.5	-13.6	240.8	6.9	6.4	2.9	325.7	331.0	0.4	18.2	12.0	55.
23.5	77.7	7822.3	375.0	-22.7	-13.7	247.9	6.2	6.1	3.3	321.4	331.1	0.4	24.7	12.7	56.
24.2	81.5	8444.9	350.0	-26.5	-14.5	237.7	6.9	7.5	4.8	333.0	334.1	0.3	25.3	13.4	56.
24.4	85.5	9015.2	325.0	-31.0	-14.9	229.3	6.4	7.4	6.4	340.0	334.8	0.2	24.8	14.3	56.
25.2	91.7	9576.2	300.0	-31.9	-14.9	246.5	21.0	17.5	11.6	337.7	334.8	0.2	21.7	15.2	56.
27.4	94.0	10145.0	275.0	-34.3	-15.0	937.9	95.9	59.9	99.9	342.7	343.2	0.1	15.9	16.3	56.
31.4	93.6	10641.5	250.0	-40.6	-15.0	937.9	55.5	59.9	99.9	345.7	350.5	99.9	55.9	99.9	99.9
33.5	131.4	11551.1	225.0	-46.0	-14.0	937.9	99.9	99.9	99.9	348.4	350.4	55.9	99.9	99.9	99.9
35.9	131.9	12127.2	200.0	-51.4	-14.9	245.5	42.8	39.0	17.8	351.4	359.9	99.9	55.9	33.3	61.
34.3	114.5	13182.4	175.0	-57.3	-14.9	245.1	46.1	41.5	20.1	355.4	359.9	55.9	99.9	34.5	62.
41.7	123.9	14180.1	150.0	-64.4	-14.9	248.8	40.9	37.6	16.1	359.1	359.9	99.9	55.9	46.4	62.
43.3	177.8	15200.9	125.0	-64.9	-14.9	248.7	29.1	27.1	10.6	377.4	359.5	99.9	55.9	51.6	63.
46.2	135.7	16603.3	100.0	-67.9	-14.9	937.9	99.9	99.9	99.9	386.2	369.9	99.9	55.9	55.1	63.
99.9	99.9	59.9	75.0	54.5	54.9	937.9	99.9	99.9	99.9	59.9	59.9	55.9	55.9	55.9	99.9
99.9	99.9	59.9	50.0	54.9	54.9	99.9	99.9	99.9	99.9	59.9	59.9	55.9	55.9	55.9	99.9
99.9	99.9	99.9	25.0	54.9	54.9	99.9	99.9	99.9	99.9	59.9	59.9	55.9	55.9	55.9	99.9

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

STATION NO. 36
SEILING, OKLAHOMA

7 JUNE 1979
2018 GMT

127 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MG	TEMP DE C	DEW PT DE C	DIA DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT 1 DG K	E POT 1 DG K	MB RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	12.9	599.9	934.8	34.0	13.5	230.0	13.0	10.0	8.4	313.1	342.9	10.5	29.8	0.0	0.
99.9	90.9	99.9	1003.0	99.9	59.8	99.9	99.9	99.9	99.9	99.9	599.9	99.9	999.9	999.9	999.
99.9	94.9	99.9	975.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	94.9	99.9	950.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.8	693.6	575.0	36.6	16.2	210.8	9.7	5.0	6.3	310.6	345.8	12.6	42.0	0.2	32.
1.2	14.3	928.5	900.0	28.3	16.2	209.5	9.1	4.5	6.0	310.7	346.7	13.7	50.2	0.6	31.
2.1	14.6	1178.4	875.0	25.9	16.1	202.8	7.9	3.1	7.3	310.7	347.7	13.3	54.8	1.1	30.
2.9	21.1	1433.2	850.0	23.6	15.1	193.0	7.9	1.8	7.7	310.5	346.7	12.8	59.0	1.5	26.
3.8	23.5	1693.7	825.0	21.2	14.5	193.0	7.9	1.8	7.7	311.0	346.6	12.8	65.7	1.9	23.
4.6	26.0	1959.7	800.0	18.9	13.8	208.1	9.2	3.5	6.7	311.2	346.2	12.5	72.3	2.3	21.
5.4	29.5	2223.9	775.0	16.8	13.0	219.7	13.2	6.5	10.2	315.1	337.4	7.7	40.7	2.8	25.
6.3	31.1	2515.4	750.0	14.0	11.7	223.8	14.3	5.9	10.3	316.1	337.2	7.2	41.5	3.6	28.
7.4	33.7	2805.1	725.0	11.8	10.4	222.8	13.9	9.4	10.3	317.5	334.2	5.5	32.9	4.4	31.
8.5	36.3	3102.7	700.0	14.3	11.1	224.4	13.3	9.3	9.5	318.4	331.6	5.1	38.6	5.4	33.
9.7	39.0	3428.7	675.0	11.5	10.9	234.4	13.4	10.9	7.8	318.5	331.5	5.0	39.2	6.2	30.
10.9	41.9	3722.4	650.0	8.8	10.3	238.2	13.5	11.9	7.3	318.5	331.0	4.6	42.3	7.1	38.
12.0	44.6	4045.4	625.0	6.3	9.5	236.5	10.3	10.3	6.8	319.7	332.2	4.1	42.5	8.0	41.
13.2	47.4	4375.1	600.0	3.7	8.6	236.0	11.4	9.4	6.4	320.4	330.6	3.3	40.0	8.8	42.
14.6	50.4	4722.9	575.0	0.9	10.3	237.0	10.7	9.0	5.8	320.4	330.2	3.0	43.9	9.6	43.
15.7	53.4	5071.9	550.0	-2.0	16.2	240.5	9.4	8.2	4.6	321.7	327.9	1.9	32.2	10.4	44.
17.1	56.4	5445.4	525.0	-5.5	14.6	245.9	7.6	7.0	3.1	321.4	326.3	2.4	48.8	11.0	46.
18.4	59.6	5927.1	500.0	-8.9	12.6	235.5	6.8	5.6	3.9	324.6	328.7	1.2	27.3	11.6	46.
19.5	62.8	6226.1	475.0	-11.5	10.3	233.4	8.8	7.1	5.3	327.4	331.5	1.2	28.7	12.2	47.
21.2	66.0	6682.7	450.0	-14.6	12.5	235.2	9.2	7.5	5.2	329.7	332.4	1.1	31.5	13.0	47.
22.8	69.5	7078.0	425.0	-17.2	10.3	232.0	9.6	7.6	5.9	329.4	332.3	0.8	29.7	13.8	48.
24.3	72.0	7533.1	400.0	-19.7	12.3	222.8	10.2	6.9	7.5	330.7	333.0	0.6	28.9	14.8	48.
26.1	76.6	8011.1	375.0	-22.2	10.3	217.0	10.3	6.2	8.2	332.2	334.0	0.5	29.7	15.8	47.
27.8	81.3	8515.0	350.0	-25.4	12.5	210.5	13.3	6.8	11.5	334.2	337.7	0.3	28.3	16.9	46.
29.5	86.3	9048.0	325.0	-28.0	10.3	219.1	20.3	12.8	15.7	336.8	337.6	0.2	20.3	18.6	45.
31.4	88.3	9618.0	300.0	-31.2	12.5	231.9	29.8	24.1	17.5	341.4	342.2	0.2	19.9	21.3	45.
33.6	92.8	10211.4	275.0	-34.8	10.3	242.9	38.4	32.6	16.7	344.8	345.3	0.1	18.1	22.7	48.
35.8	97.4	10849.5	250.0	-40.1	12.5	246.4	35.3	36.0	15.8	346.4	349.5	55.9	55.8	30.5	51.
38.0	102.2	11602.3	225.0	-44.5	10.3	246.4	37.8	37.8	20.5	350.4	359.9	99.0	99.9	35.9	53.
40.6	107.5	12382.8	200.0	-48.7	12.5	241.0	45.6	39.9	22.1	354.1	359.9	99.9	99.9	42.8	54.
43.5	113.3	13281.7	175.0	-52.7	10.3	246.2	49.3	40.6	17.9	355.4	359.9	99.9	99.9	50.4	55.
46.4	119.5	14201.8	150.0	-43.7	12.5	250.4	39.0	36.0	13.1	360.4	359.9	99.9	99.9	59.0	57.
50.0	126.5	15308.6	125.0	-67.1	10.3	246.1	29.4	26.9	11.9	373.5	359.9	55.9	59.9	64.9	58.
54.2	134.7	16637.0	100.0	-64.8	12.5	222.4	17.3	11.6	12.7	378.4	359.9	95.9	59.8	71.0	59.
58.9	94.9	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.

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

STATION NO. 36
SEILING, OKLAHMA
7 JUNE 1979
2306 GMT 1579

TIME MIN	CHECK	WEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT W DG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	589.0	934.7	34.9	12.5	220.0	15.0	9.6	11.5	314.1	342.2	9.8	26.0	0.0	0.
00.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	975.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	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	999.9
0.3	14.1	683.5	925.0	33.3	15.2	209.0	13.3	6.4	11.6	313.2	346.9	11.9	33.9	0.5	30.
1.2	16.5	930.3	900.0	30.7	16.8	208.2	13.5	6.6	12.2	313.2	351.2	13.5	43.2	1.1	30.
2.2	19.9	1182.0	875.0	26.5	15.9	206.8	13.2	5.9	11.8	313.4	350.4	13.1	46.3	1.9	29.
3.2	21.4	1476.6	850.0	25.6	15.2	599.9	99.9	99.9	99.9	313.0	349.3	12.9	52.4	999.9	999.9
4.2	21.9	1701.0	825.0	23.3	14.5	599.9	99.9	99.9	99.9	313.0	349.2	12.8	57.8	999.9	999.9
4.9	26.5	1969.1	800.0	20.6	13.4	999.9	99.9	99.9	99.9	313.1	347.5	12.2	63.5	999.9	999.9
5.6	24.1	2243.0	775.0	17.9	12.9	999.9	99.9	99.9	99.9	313.1	347.5	12.2	72.6	999.9	999.9
6.5	31.7	2523.4	750.0	15.3	11.8	999.9	99.9	99.9	99.9	313.4	346.6	11.7	76.9	999.9	999.9
7.4	34.3	2810.6	725.0	13.3	9.8	999.9	99.9	99.9	99.9	314.1	344.3	10.6	79.2	999.9	999.9
8.3	37.1	3107.1	700.0	13.7	9.1	999.9	99.9	99.9	99.9	317.7	333.4	5.9	42.0	999.9	999.9
9.3	39.4	3412.7	675.0	11.5	-0.5	219.4	11.0	7.1	8.6	318.5	335.1	5.5	43.3	7.4	25.
10.6	42.7	3726.9	650.0	6.9	-2.1	221.9	11.0	7.4	7.1	319.0	334.4	5.1	46.1	8.2	27.
11.6	45.6	4050.2	625.0	6.0	-3.6	228.3	10.9	6.2	7.3	319.3	333.3	4.6	49.3	8.6	28.
12.9	44.4	4373.0	600.0	5.1	-6.0	232.5	11.4	9.0	6.9	319.7	332.2	4.1	51.0	9.6	30.
14.1	51.4	4726.3	575.0	0.2	-9.3	237.1	9.7	8.1	5.3	320.2	330.5	3.3	49.0	10.4	32.
15.5	54.5	5080.9	550.0	-2.9	-9.9	238.2	7.9	6.7	4.2	320.7	330.9	3.3	58.0	11.0	34.
16.7	57.6	5447.8	525.0	-5.6	-12.6	237.1	6.1	5.1	3.3	321.7	330.5	2.8	57.5	11.5	35.
18.1	63.8	5828.4	500.0	-8.1	-21.3	222.2	7.8	5.3	5.8	323.1	327.8	1.4	34.3	11.9	35.
19.4	64.0	6226.5	475.0	-5.4	-27.4	228.4	11.0	8.0	7.6	326.2	329.2	0.8	21.4	12.7	36.
23.9	67.4	6642.5	450.0	-12.2	-31.8	228.6	11.1	8.3	7.3	328.0	330.0	0.6	17.5	13.6	37.
22.3	73.9	7376.7	425.0	-15.8	-34.7	221.6	11.1	7.4	6.2	328.6	330.5	0.5	16.7	14.6	37.
24.0	74.4	7530.8	400.0	-18.9	-43.7	220.4	11.5	7.5	8.8	330.5	331.2	0.2	9.0	15.7	37.
25.7	78.1	8008.4	375.0	-21.9	-46.3	220.4	18.3	11.8	13.9	332.4	333.2	0.2	8.8	17.0	38.
27.2	82.0	8513.3	350.0	-25.1	-46.6	999.9	99.9	99.9	99.9	334.5	335.6	0.2	11.3	999.9	999.9
29.8	86.0	9049.6	325.0	-26.6	-49.5	999.9	99.9	99.9	99.9	340.1	340.6	0.1	9.2	999.9	999.9
33.8	93.2	9622.8	300.0	-31.2	-51.4	240.7	37.3	32.5	18.3	341.4	341.8	0.1	11.5	26.0	44.
32.9	94.6	10233.6	275.0	-36.0	-54.4	237.4	37.4	31.5	20.2	343.0	343.4	0.1	12.9	30.6	46.
35.3	90.3	10699.4	250.0	-39.9	-57.9	236.7	39.0	32.9	20.8	346.7	346.7	99.9	999.9	35.8	48.
37.4	104.4	11600.7	225.0	-45.3	-59.9	236.7	41.6	34.8	22.8	349.2	349.2	99.9	999.9	41.8	49.
43.4	109.8	12377.1	200.0	-51.3	-59.9	244.3	44.2	39.8	19.2	351.8	349.9	99.9	999.9	46.6	51.
43.2	115.6	13232.3	175.0	-56.0	-59.9	250.8	40.2	39.0	13.2	354.2	349.9	99.9	999.9	55.5	53.
46.3	122.0	14141.8	150.0	-62.5	-59.9	244.0	28.1	25.3	12.3	360.4	349.9	99.9	999.9	62.9	55.
49.1	129.0	15298.4	125.0	-67.5	-59.9	237.8	29.2	24.7	15.6	372.4	349.9	95.9	999.9	72.1	55.
52.7	137.3	16626.6	100.0	-70.1	-59.9	999.9	99.9	99.9	99.9	392.2	349.9	95.9	999.9	999.9	999.9
59.3	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.3	99.9	99.9	50.0	55.9	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	55.9	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. 3P
STROUD, OKLAHOMA
7 JUNE 1979
1100 GMT

130 95. 0

TIME	CHICT	HEIGHT	WRES	TEMP	DEB PT	DIR	SPED	U COMP	V COMP	POT 7	E POT Y	MJ RTD	RM	RANGE	AZ
MIN		GPH	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
0.0	10.3	272.0	569.9	15.8	18.8	190.0	3.0	0.0	3.0	298.2	332.6	14.3	54.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	50.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.0	99.0	99.0	975.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.7	16.2	452.1	910.0	20.9	17.9	185.9	19.3	2.0	18.9	298.2	330.4	15.6	93.7	0.5	353.0
1.4	18.6	684.7	525.0	27.5	21.4	199.5	22.3	7.5	21.1	302.2	349.2	17.7	93.6	1.3	4.0
2.1	17.0	924.1	500.0	21.3	20.2	219.2	23.2	14.3	18.3	303.2	348.6	16.9	93.6	2.3	15.0
3.0	13.5	1169.3	875.0	21.1	17.0	238.1	21.3	17.2	12.5	305.7	344.1	14.1	77.7	3.4	26.0
3.9	7.0	1420.9	875.0	21.3	12.8	235.8	20.6	17.3	11.3	308.2	339.2	11.1	58.6	4.3	34.0
4.4	24.5	1680.3	825.0	20.8	11.7	227.3	20.2	14.9	13.7	310.2	340.3	10.6	56.2	5.0	38.0
5.5	27.0	1945.3	800.0	18.3	10.0	213.6	17.3	9.8	9.8	310.7	338.0	9.7	58.2	6.5	31.0
6.5	29.7	2218.3	775.0	16.1	8.0	207.4	16.6	7.2	7.2	311.1	335.9	8.7	58.8	7.6	43.0
7.7	31.3	2465.1	750.0	14.8	5.9	202.9	15.9	4.2	7.3	311.7	334.1	7.8	58.2	8.4	45.0
8.9	33.9	2780.1	725.0	11.8	3.6	203.3	11.9	11.7	5.4	312.4	332.3	6.8	58.6	9.3	47.0
9.3	37.7	3073.3	700.0	9.5	1.0	250.1	12.3	11.5	4.2	313.0	330.2	5.9	55.3	10.0	48.0
12.9	43.4	3374.0	675.0	6.7	0.7	254.3	11.1	10.7	3.0	313.2	330.7	6.0	65.2	10.7	50.0
12.0	41.2	3643.0	650.0	4.4	-1.6	245.7	13.0	11.6	5.4	313.5	329.4	5.2	64.9	11.4	52.0
13.1	40.1	4003.3	625.0	2.0	-3.2	238.9	14.1	12.1	7.3	314.7	329.1	4.6	68.2	12.4	52.0
14.3	43.0	4374.7	600.0	-0.2	-7.6	243.6	11.7	10.5	5.2	315.5	325.9	3.6	57.1	13.3	53.0
15.5	42.0	4670.0	575.0	-1.3	-9.5	253.7	11.8	11.3	3.3	316.2	328.5	3.2	53.4	14.1	54.0
16.7	51.1	4923.1	550.0	-3.7	-14.9	259.9	12.4	12.0	3.0	319.7	326.7	2.2	41.5	14.9	52.0
19.1	58.3	5189.1	525.0	-6.0	-19.4	252.6	13.5	12.9	4.0	321.2	326.8	1.7	36.8	15.9	56.0
19.6	61.4	5465.9	500.0	-7.9	-19.6	263.0	14.6	14.5	1.8	323.4	329.1	1.8	41.8	17.1	58.0
21.0	64.7	6186.5	475.0	-11.1	-25.4	278.5	14.0	14.0	-1.1	324.2	327.7	1.0	25.8	18.1	60.0
22.5	63.0	6560.7	450.0	-12.1	-27.6	281.2	13.1	12.9	-2.6	324.0	328.1	0.0	1.0	19.0	62.0
24.0	71.6	7015.4	425.0	-15.2	-40.5	281.5	14.6	14.3	-2.9	329.2	330.5	0.3	9.5	20.1	64.0
25.7	75.1	7471.6	400.0	-17.2	-60.9	277.2	13.4	13.3	-1.7	332.2	332.7	0.0	32.0	21.2	67.0
27.3	78.8	7953.0	375.0	-20.1	-82.7	258.6	13.0	12.8	2.6	335.0	335.1	0.0	1.0	22.4	69.0
29.2	82.6	8460.1	350.0	-24.5	-65.6	259.7	14.3	14.0	3.0	335.7	335.7	0.0	1.0	23.4	69.0
31.1	84.7	8994.1	325.0	-29.8	-48.9	257.7	14.4	14.1	3.1	335.7	335.7	0.0	1.8	25.5	67.0
31.1	90.8	9558.9	300.0	-33.9	-48.8	257.8	22.0	21.5	4.7	337.7	337.7	0.0	2.3	27.5	67.0
35.3	93.2	10167.1	275.0	-35.8	-73.0	259.9	38.6	38.0	6.7	343.4	343.4	0.0	1.0	31.1	71.0
37.4	93.8	10823.5	250.0	-35.8	99.1	257.8	49.1	48.4	10.5	347.0	347.0	0.0	959.9	37.0	72.0
40.0	104.6	11536.4	225.0	-44.7	53.9	253.2	49.1	47.5	12.5	350.0	349.9	0.0	999.9	44.7	73.0
42.9	110.0	12313.3	200.0	-50.7	59.9	252.0	47.9	45.6	14.8	352.6	349.9	0.0	999.9	51.4	73.0
46.0	114.8	13173.3	175.0	-56.1	59.9	252.3	42.1	40.1	12.8	357.2	349.9	0.0	999.9	61.3	73.0
49.2	122.0	14137.8	150.0	-62.6	59.9	252.8	38.7	37.3	10.1	362.2	349.9	0.0	966.9	64.5	73.0
52.5	137.0	15245.9	125.0	-68.2	59.9	254.1	28.0	26.5	7.7	371.1	349.9	0.0	999.9	78.9	73.0
56.3	137.0	16596.7	100.0	-67.2	99.9	99.9	99.9	99.9	99.9	398.0	349.9	0.0	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	99.9	999.9	999.9
99.0	99.0	99.0	50.0	95.9	99.9	99.9	99.9	99.9	99.9	70.5	599.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

0 3V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 9V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
POOR QUALITY

STATION NO. 38
STROUD, OKLAHOMA
7 JUNE 1979
1400 GMT

117 94. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DE C	DIR DE C	DIR DE C	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT 1 DE K	E POT 1 DE K	WV RTO CM/ S	RM PCT	RANGE KM	AZ DEG
0.0	0.0	272.0	970.6	27.3	22.5	190.0	5.0	0.9	4.9	303.0	350.9	18.0	75.0	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	999.9	999.9	999.9
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	999.9
0.9	10.7	461.5	950.0	23.1	22.3	186.8	13.7	1.7	13.6	301.7	349.8	18.2	89.7	0.5	2.
1.6	12.6	695.3	925.0	22.9	21.4	158.8	17.1	5.5	16.2	302.2	349.1	17.6	53.5	1.3	8.
2.6	15.0	934.4	503.0	21.3	20.0	213.7	20.0	11.1	16.7	303.2	348.1	16.7	92.3	2.3	16.
3.5	17.3	1176.5	275.0	21.4	16.1	225.2	23.1	16.4	16.2	306.0	342.5	13.4	73.2	3.5	24.
4.4	19.5	1432.8	850.0	21.6	11.3	229.4	20.1	15.3	13.1	310.5	339.1	10.0	46.0	4.5	31.
5.4	21.7	1693.1	625.0	22.0	9.3	226.6	16.3	12.3	10.7	311.9	337.5	9.0	44.3	5.6	34.
6.3	24.1	1955.4	800.0	20.1	7.6	228.7	15.6	11.9	10.4	312.0	336.2	8.2	44.3	6.4	36.
7.3	26.4	2232.4	775.0	17.9	7.1	224.2	14.7	10.2	10.5	313.1	336.8	8.2	49.1	7.3	37.
8.4	29.7	2512.1	750.0	15.6	5.1	240.0	14.4	12.4	7.7	313.2	334.9	7.4	49.7	8.2	39.
9.4	31.1	2758.4	725.0	13.0	4.3	244.5	14.9	13.5	6.4	313.3	334.7	7.2	55.5	9.1	41.
10.7	33.6	3022.0	700.0	10.5	3.7	249.7	14.9	14.0	5.1	314.1	335.0	7.2	62.9	10.1	44.
11.7	36.0	3354.7	675.0	7.9	2.2	253.6	13.7	12.8	3.7	314.2	334.0	6.7	67.1	10.9	46.
12.9	38.6	3705.1	650.0	4.9	0.6	260.6	11.6	11.6	0.7	314.2	332.6	6.2	73.7	11.6	49.
14.1	41.1	4024.2	625.0	2.6	-2.7	269.3	10.5	10.5	0.1	315.2	330.5	5.1	68.0	12.2	51.
15.2	43.4	4353.2	600.0	0.1	-9.3	265.6	11.3	11.3	0.9	316.2	326.0	3.2	49.6	12.8	53.
16.5	46.4	4693.4	575.0	-1.6	-13.6	266.6	9.3	9.3	0.6	316.1	325.4	2.3	38.8	13.5	55.
17.9	49.2	5040.1	550.0	-3.9	-13.3	277.3	9.3	9.3	-1.2	319.2	327.4	2.5	47.8	14.2	57.
19.2	52.0	5411.9	525.0	-5.6	-25.8	249.6	10.9	10.2	-3.7	321.7	324.7	0.9	16.6	14.7	59.
20.5	54.9	5753.2	500.0	-7.2	-33.8	291.0	11.1	10.5	-4.0	323.2	326.3	0.6	13.1	15.3	62.
22.0	57.8	6193.3	475.0	-8.4	-46.8	288.6	9.8	9.3	-3.1	327.2	328.0	0.1	2.7	15.9	64.
23.5	60.7	6609.2	450.0	-11.5	-37.5	282.3	9.1	8.9	-1.9	328.2	330.0	0.3	9.5	16.5	66.
25.1	64.0	7044.6	425.0	-14.7	-41.6	280.4	9.8	9.7	-4.8	330.1	331.0	0.2	8.0	17.2	68.
26.7	67.1	7501.0	400.0	-17.7	-44.0	276.1	10.6	10.5	-1.1	332.1	332.8	0.2	7.9	18.1	69.
28.3	70.5	7980.1	375.0	-22.0	-45.3	274.7	5.1	9.0	-0.7	332.2	333.2	0.2	9.9	19.0	71.
30.1	74.0	8484.2	350.0	-25.2	-50.4	260.9	11.1	11.0	1.7	334.7	335.2	0.1	7.4	20.0	72.
32.1	77.5	9018.1	325.0	-28.7	-52.5	249.9	16.7	15.7	5.7	335.2	336.2	0.1	6.7	21.5	72.
34.3	81.3	9584.9	300.0	-32.3	-54.7	255.2	25.3	24.5	6.5	339.5	340.2	0.1	6.6	24.1	72.
36.5	85.2	10153.3	275.0	-35.5	-67.4	259.5	36.0	35.4	6.6	343.4	344.0	0.1	8.5	24.3	73.
39.9	89.2	10952.3	250.0	-40.1	-59.9	261.2	45.2	43.3	7.0	348.4	349.9	0.9	999.9	34.5	74.
41.4	93.7	11563.2	225.0	-45.3	-69.9	260.3	44.1	43.5	7.4	349.1	349.9	0.9	999.9	41.2	75.
44.1	98.4	12361.1	200.0	-50.3	-69.9	256.4	46.3	45.0	10.9	353.4	349.9	0.9	999.9	48.6	76.
47.3	103.4	13200.1	175.0	-56.6	-69.9	250.5	42.7	40.2	14.2	358.2	349.9	0.9	999.9	57.4	75.
50.6	109.0	14161.2	150.0	-63.6	-69.9	257.6	38.2	35.4	7.8	360.2	349.9	0.9	999.9	65.0	75.
54.1	115.0	15288.7	125.0	-62.9	-69.9	260.4	23.0	22.7	3.8	375.6	349.9	0.9	999.9	71.5	75.
59.4	122.0	16625.1	100.0	-67.6	-69.9	999.9	99.9	99.9	99.9	397.1	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	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 CR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
STROUD, OKLAHOMA
7 JUN 1979
1700 GMT

138 82. 0

TIME MIN	CNTCT	HEIGHT GPM	PMFS MB	TEMP DEG C	DEW PT DEG C	QIR DG	SPEED M/SEC	J CLMP M/SEC	V COMP M/SEC	POT 1 DB K	E POT 1 DEG K	WX RPTD CM/KG	WH PCF	RANGE MM	AZ DG
00	9-1	272.0	871.5	30.0	22.2	190.0	6.0	1.0	5.0	305.5	353.2	17.6	63.0	0.0	0.
00.9	93.9	99.0	1005.0	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	93.9	99.0	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
01.7	10.1	871.6	995.0	27.4	27.1	174.0	11.9	3.7	11.3	305.5	353.1	17.9	73.0	0.5	14.
1.3	12.5	728.1	925.0	24.3	21.1	191.9	14.5	4.8	14.7	305.2	371.0	17.4	77.7	1.0	16.
2.2	14.9	940.4	900.0	22.8	20.2	201.0	16.4	6.0	15.7	305.0	370.3	16.8	85.5	1.0	17.
3.2	17.3	1154.5	875.0	21.3	17.2	211.3	16.8	5.2	16.1	305.5	374.8	14.3	77.9	2.7	20.
4.1	19.7	1447.2	850.0	21.2	13.5	224.1	14.2	13.0	13.4	310.2	377.2	5.5	44.9	3.7	26.
4.9	22.1	1707.5	825.0	22.8	9.0	227.6	17.2	12.7	11.6	312.7	376.3	6.2	36.5	4.6	30.
5.4	24.7	1374.5	805.0	20.7	7.0	229.3	14.9	12.5	11.2	313.2	375.9	7.9	41.1	5.5	33.
6.4	27.2	2247.6	775.0	17.9	5.1	227.2	16.7	12.0	11.1	313.0	373.8	7.2	43.0	6.5	35.
7.2	24.8	2727.6	750.0	15.9	5.0	231.5	15.7	12.5	9.6	311.9	375.1	7.3	40.3	7.6	37.
8.2	32.4	2415.0	725.0	11.4	3.9	247.5	14.1	12.5	7.3	314.7	375.3	7.0	52.9	8.5	40.
9.2	35.1	3109.0	700.0	11.2	2.4	245.0	14.2	13.0	5.8	314.5	374.0	6.5	54.7	9.5	42.
10.1	37.5	3412.4	675.0	8.9	2.6	251.9	13.4	12.9	3.5	315.0	375.7	6.9	64.5	10.3	44.
10.4	40.6	3746.4	650.0	6.2	2.5	261.0	12.5	12.3	2.2	316.0	377.4	7.3	74.5	11.0	47.
11.0	43.3	4045.2	625.0	3.7	0.7	271.3	10.9	10.8	1.3	316.7	375.8	6.5	90.7	11.7	49.
11.2	46.3	4370.1	600.0	1.5	-1.4	276.7	5.5	9.4	-1.1	317.5	372.7	4.9	68.8	12.2	51.
11.2	48.2	4717.6	575.0	-0.4	-21.7	261.3	8.3	8.2	1.2	319.2	372.4	1.2	16.2	12.7	53.
12.5	52.3	5071.9	550.0	-2.2	-22.2	249.7	7.7	7.2	2.7	321.2	373.1	0.5	7.9	13.3	54.
14.4	55.3	5440.0	525.0	-3.7	-34.0	267.7	5.2	9.0	1.5	324.6	375.4	0.4	7.3	13.9	55.
15.1	58.5	5737.5	500.0	-6.1	-36.9	267.5	4.3	4.3	0.4	325.6	374.6	0.3	7.5	14.6	57.
21.9	61.7	6222.9	475.0	-8.7	-36.5	273.5	6.7	6.5	-1.0	327.2	378.5	0.3	8.4	15.1	58.
23.3	65.0	6538.9	450.0	-12.1	-33.5	283.3	5.7	5.5	-1.2	328.0	374.5	0.4	12.1	15.5	60.
24.9	68.4	7374.2	425.0	-14.7	-34.3	283.0	5.2	5.2	0.6	330.1	371.8	0.5	16.4	16.0	61.
26.7	72.0	7930.7	400.0	-17.2	-43.9	281.2	6.9	6.4	1.0	332.6	373.3	0.2	7.7	16.5	61.
29.9	75.7	8312.0	375.0	-20.5	-46.0	249.7	10.0	6.3	3.5	334.9	375.2	0.2	8.0	17.4	62.
30.4	79.5	8718.1	350.0	-25.1	-49.0	252.5	13.7	13.0	4.1	334.5	375.5	0.1	9.6	18.7	63.
32.7	81.5	9052.1	325.0	-25.0	-49.3	257.8	14.1	15.7	3.4	336.7	377.2	0.1	10.6	20.7	64.
34.7	87.7	9721.6	300.0	-21.9	-41.3	256.9	23.0	23.0	5.4	340.2	340.8	0.1	5.8	22.9	65.
37.1	92.0	10232.8	275.0	-18.8	-44.4	259.2	35.5	34.5	6.7	344.2	345.1	0.1	10.1	27.1	67.
39.3	94.6	10892.1	250.0	-16.1	-57.8	255.8	43.3	42.6	7.7	347.5	346.1	0.1	11.6	32.2	69.
42.1	101.6	11606.7	225.0	-14.5	-53.9	256.8	43.5	42.0	11.4	350.4	359.9	99.9	599.9	39.5	71.
44.7	107.0	12380.1	200.0	-15.4	-59.9	250.2	41.3	37.8	14.0	354.6	999.9	99.9	999.9	46.2	71.
47.7	112.4	13247.7	175.0	-14.7	-54.9	252.0	42.2	40.1	13.0	356.4	999.9	99.9	999.9	53.7	71.
51.1	119.3	14204.7	150.0	-14.2	-54.9	255.6	35.5	34.5	8.2	359.2	999.9	99.9	999.9	62.1	71.
54.9	124.3	15153.4	125.0	-16.1	-54.9	259.9	24.0	23.8	2.9	373.2	999.9	99.9	999.9	67.7	72.
59.0	134.3	16059.5	100.0	-18.8	-60.6	99.9	99.9	99.9	99.9	395.2	999.9	99.9	999.9	999.9	999.9
64.8	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
64.9	94.9	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
69.1	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
00 -7 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA
7 JUNE 1979
2000 GPH

100 202. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DEG K	POT 2 DEG K	W3 RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0-0	9-0	272.0	571.6	31.6	22.0	200.0	13.0	4.4	12.2	307.2	354.7	17.5	97.0	0.0	0-
00-0	99-0	99-0	1000.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
00-0	99-0	99-0	575.0	99-0	99-0	99-0	99-0	99-0	99-0	99-0	999-0	99-0	999-0	999-0	999-0
0-6	11-0	474.1	640.0	29.6	22.6	191.4	11.1	2.2	10.8	307.3	357.5	18.5	66.0	0.5	10-
1-3	13-4	712.5	625.0	27.4	22.0	191.3	12.0	2.4	11.6	307.4	357.6	18.6	72.4	1.0	11-
1-9	15-8	955.2	900.0	24.7	20.9	195.1	11.0	2.9	10.6	307.6	354.6	17.6	79.4	1.4	11-
2-5	14-2	1202.4	875.0	27.3	21.0	203.2	18.5	4.1	9.7	307.6	356.4	18.2	92.4	1.8	13-
3-1	20-7	1454.9	851.0	19.9	19.1	213.5	14.3	7.9	11.9	307.6	350.1	15.6	90.5	2.2	15-
3-8	21-2	1713.1	825.0	20.7	5.7	222.0	17.5	11.7	13.0	310.2	330.5	7.0	37.6	2.8	21-
4-5	25-7	1979.3	800.0	20.6	4.6	221.5	16.2	10.7	12.1	312.5	332.5	6.7	34.9	3.5	25-
5-6	29-3	2293.0	775.0	15.0	2.7	223.4	14.4	9.9	12.5	314.3	332.0	6.0	33.8	4.3	29-
6-4	33-9	2531.4	750.0	14.6	0.4	231.0	13.5	10.5	8.5	314.6	330.2	5.3	33.4	5.1	31-
7-4	33-6	2421.4	725.0	14.0	-0.7	239.5	11.9	10.2	6.0	315.5	331.0	5.0	34.1	5.9	34-
8-4	35-2	3117.1	700.0	12.4	-0.5	243.1	12.3	10.9	5.5	316.2	332.1	5.3	40.7	6.4	37-
9-1	37-0	3470.9	675.0	5.7	-0.5	247.4	11.7	10.8	4.5	316.2	332.8	5.5	46.8	7.0	40-
10-3	41-4	3737.9	650.0	6.8	-0.3	252.2	11.2	10.6	3.4	316.7	331.9	5.8	60.6	7.7	42-
11-1	44-7	4056.2	625.0	4.5	-0.9	260.2	10.4	10.3	1.8	317.6	334.8	5.8	67.5	8.2	45-
12-4	47-6	4366.0	600.0	2.7	-3.7	270.6	9.7	9.0	-0.1	318.7	333.4	4.9	65.2	8.7	47-
13-5	52-5	4728.4	575.0	-0.8	-5.4	264.5	7.2	7.2	0.2	319.9	333.1	4.3	64.5	9.1	50-
14-7	51-6	5071.1	550.0	-1.8	-8.1	258.3	6.3	6.1	1.7	321.9	322.2	0.1	1.0	9.5	52-
15-7	56-6	5431.4	525.0	-3.5	-8.2	264.9	7.4	7.4	0.4	324.2	324.4	0.1	1.0	10.4	53-
17-1	59-0	5834.4	500.0	-6.5	-8.1	274.5	5.1	5.1	-0.4	325.1	325.3	0.0	1.0	10.4	55-
18-5	63-1	6234.2	475.0	-8.4	-4.9	251.5	6.6	6.5	2.2	327.6	328.4	0.2	5.2	10.7	56-
19-4	66-4	6651.0	450.0	-11.8	-4.1	237.6	6.5	5.4	3.5	329.1	329.1	0.2	4.9	11.3	56-
21-4	69-9	7085.7	425.0	-15.4	-4.6	232.0	7.5	6.2	4.9	329.8	329.8	0.1	5.0	11.9	56-
23-1	71-4	7540.5	400.0	-18.5	-5.3	231.6	8.7	6.8	5.4	330.9	331.2	0.1	2.9	12.8	56-
24-7	77-2	8018.6	375.0	-21.5	-5.4	241.0	10.4	9.1	5.0	333.2	333.4	0.1	3.7	13.7	56-
26-5	81-0	8524.0	350.0	-24.1	-5.9	244.1	16.1	14.5	7.0	334.9	335.1	0.0	2.8	14.9	56-
27-9	85-0	9040.4	325.0	-27.4	-6.2	245.1	27.4	24.9	11.6	337.0	339.2	0.0	3.1	16.7	57-
29-7	89-2	9634.7	300.0	-29.7	-6.0	251.7	34.7	31.1	10.3	343.6	343.7	0.0	3.3	16.7	57-
32-1	93-7	10244.8	275.0	-34.8	-6.3	257.0	35.2	34.3	7.9	344.6	344.9	0.0	3.7	24.6	62-
36-4	94-4	10705.3	250.0	-40.3	59.9	257.1	40.5	39.8	9.2	346.1	346.1	599-9	999-9	24.7	65-
39-0	97-9	11167.1	225.0	-45.0	59.9	999-9	99-9	99-9	99-9	348.5	348.5	999-9	999-9	35.5	67-
40-0	99-0	99-0	203.0	95.9	53.9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9
40-9	99-0	99-0	175.0	95.9	53.9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9
40-9	99-0	99-0	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
40-9	99-0	99-0	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
40-9	99-0	99-0	103.0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9
40-9	99-0	99-0	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
40-9	99-0	99-0	50.0	55.9	59.9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9
40-9	99-0	99-0	25.0	99-9	59.9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME PAVE RFEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA
7 JUNE 1979
2305 GMT

91 199. 0

TIME MIN	CATCY	HEIGHT GSM	PMES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	J COMP M/SEC	V COMP M/SEC	POT T DG M	E POT V DG M	WX RTO GHR/KG	RM PCT	RANGE KM	AZ DG
0.0	9.1	272.0	972.0	31.4	22.7	150.0	0.0	1.4	7.9	307.5	350.3	19.2	60.0	0.0	0.
00.0	00.0	98.9	1000.0	99.0	99.0	99.9	99.9	99.9	99.9	99.5	999.0	95.9	959.9	999.9	999.
00.0	00.0	98.9	975.0	99.0	99.0	99.9	99.9	99.9	99.9	99.5	999.0	95.9	959.9	999.9	999.
0.8	11.0	478.2	950.0	30.2	23.6	182.2	11.0	0.5	11.0	307.5	361.3	19.7	61.9	0.5	4.
1.4	13.2	18.9	925.0	27.7	22.2	184.1	13.3	1.0	13.3	307.7	350.1	14.6	72.1	1.0	3.
2.3	15.4	960.0	900.0	25.1	21.5	187.4	12.0	1.7	12.7	307.7	350.0	18.2	80.4	1.7	4.
3.1	17.6	1207.0	875.0	23.0	20.4	153.3	14.9	3.4	1.5	307.7	355.4	17.5	85.3	2.3	6.
3.8	19.9	1471.1	850.0	21.3	17.7	205.0	15.8	6.7	4.3	308.4	350.2	15.2	80.3	2.9	8.
4.6	23.2	1721.2	825.0	20.6	6.9	223.5	16.3	10.6	12.4	312.1	337.6	9.8	41.6	3.6	13.
5.3	24.5	1988.7	800.0	21.4	6.6	214.2	13.9	7.6	11.5	314.5	336.2	7.7	34.0	4.3	16.
6.2	26.8	2263.1	775.0	20.0	5.1	222.3	11.4	7.6	8.4	315.2	336.1	7.1	37.5	4.9	20.
7.2	29.2	2548.9	750.0	18.1	1.9	233.4	11.0	6.5	7.1	316.2	336.1	6.8	38.9	5.4	24.
8.3	31.6	2833.7	725.0	15.2	2.6	242.7	10.2	9.1	4.7	316.2	335.1	6.4	42.7	6.1	28.
9.4	34.0	3124.9	700.0	12.8	2.5	244.5	9.6	8.7	4.1	316.9	336.1	6.0	46.7	6.6	31.
10.5	35.5	3411.1	675.0	10.6	0.9	246.3	8.2	7.9	1.9	317.4	335.6	6.1	51.0	7.1	34.
11.6	38.0	3700.2	650.0	8.7	-1.5	248.0	6.9	6.8	0.5	318.0	334.7	5.3	48.7	7.4	37.
12.7	40.6	4071.2	625.0	-6	-3.1	251.0	5.1	4.8	1.7	318.0	333.7	4.9	53.6	7.7	39.
13.8	43.2	4431.6	600.0	2.7	-5.3	256.3	2.8	2.7	0.7	319.2	332.2	4.2	66.3	8.0	40.
14.8	46.9	4746.2	575.0	-0.6	-8.1	262.4	2.9	2.0	0.4	319.2	332.0	4.2	66.3	8.2	41.
15.9	49.7	5095.8	550.0	-3.2	-10.1	239.7	5.5	4.8	2.0	320.2	325.0	1.5	26.6	8.2	41.
17.1	52.4	5467.3	525.0	-6.1	-13.7	230.1	4.4	3.4	2.0	323.5	325.5	0.6	10.4	8.7	42.
18.4	55.4	5850.2	500.0	-8.7	-17.2	210.7	4.6	3.0	3.7	324.5	326.5	0.5	10.3	9.0	42.
19.6	58.3	6249.1	475.0	-11.7	-20.8	214.5	5.3	3.0	4.4	327.1	327.8	0.5	11.3	9.3	47.
20.9	61.3	6649.3	450.0	-14.6	-24.6	221.2	6.8	4.5	5.1	328.0	329.9	0.4	10.3	9.8	41.
22.2	64.5	7101.1	425.0	-17.8	-28.3	229.2	9.0	6.1	7.7	331.5	331.4	0.3	11.1	10.4	41.
23.4	67.6	7537.2	400.0	-21.0	-32.2	237.9	14.7	10.6	10.2	331.5	333.0	0.3	11.8	11.3	41.
24.9	71.0	8037.1	375.0	-24.5	-36.2	243.9	28.2	22.6	11.1	333.8	334.7	0.2	12.0	12.9	43.
26.6	74.4	8545.0	350.0	-28.0	-40.3	249.6	30.7	26.2	12.2	338.5	336.3	0.2	11.9	15.7	48.
29.4	78.0	9086.1	325.0	-30.8	-44.1	253.2	32.6	31.2	9.4	340.5	341.6	0.2	12.7	19.0	51.
32.3	81.7	9660.2	300.0	-30.8	-48.1	259.0	31.2	30.3	7.6	342.8	342.5	0.1	13.0	22.3	55.
32.2	81.7	10270.3	275.0	-34.2	-52.7	257.7	27.3	26.5	6.8	342.8	342.2	0.1	16.2	25.6	58.
34.4	84.8	10927.3	250.0	-40.3	-59.9	184.5	48.3	44.3	19.3	346.2	599.9	59.9	959.9	30.4	60.
36.8	88.2	11637.7	225.0	-45.6	-68.9	999.9	99.9	99.9	99.9	348.6	599.9	59.9	959.9	36.9	61.
39.3	91.6	12412.5	200.0	-51.4	-79.9	599.9	99.9	99.9	99.9	348.6	599.9	99.9	959.9	99.9	999.
41.9	95.0	99.9	175.0	99.0	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.
44.9	98.9	99.9	150.0	55.5	51.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.
48.0	93.9	99.9	125.0	59.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.
49.8	98.9	99.9	100.0	59.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.
50.9	98.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.
52.0	98.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.
59.0	91.6	99.9	25.0	95.9	59.9	99.9	99.9	99.9	99.9	99.5	599.9	99.9	959.9	99.9	999.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 16 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 B: SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 39
 META FALLS, TEXAS
 7 JUNE 1979
 1139 GMT

TIME MIN	CNCT	HEIGHT GPM	PKRS MB	TEMP °C	DEPT °C	DIR °C	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	POT V MG	E POT V DG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DG
0.0	9.9	302.0	967.2	23.5	21.1	188.0	5.1	0.0	5.1	299.2	348.2	17.3	90.0	0.0	0.0
99.9	99.9	1000.0	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	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	11.4	460.1	950.0	24.1	22.7	198.1	15.1	2.6	16.9	301.6	351.0	16.7	92.3	0.5	5.0
1.3	13.7	694.2	625.0	22.5	21.7	201.6	19.1	7.0	17.7	302.2	348.8	17.5	92.4	1.2	10.0
2.2	16.2	934.0	602.0	23.6	23.5	217.9	23.9	14.7	18.9	306.0	347.3	15.2	73.3	2.3	19.0
3.1	19.7	1182.0	875.0	25.7	25.3	228.8	24.9	17.5	17.7	310.8	339.7	10.6	43.3	3.6	29.0
3.8	21.1	1436.7	850.0	24.3	24.1	222.0	21.4	14.3	15.9	311.8	339.4	9.8	43.6	4.7	32.0
4.9	23.7	1657.6	825.0	22.6	22.2	219.6	17.7	11.3	13.6	312.4	337.9	8.9	42.8	5.8	34.0
5.9	26.2	1864.5	800.0	20.1	21.1	221.3	16.7	12.3	11.4	312.4	337.9	8.0	42.9	6.9	35.0
6.7	29.8	2117.6	775.0	16.3	21.3	233.1	14.7	11.9	8.3	313.2	336.6	7.3	42.5	7.7	37.0
7.9	31.6	2317.5	750.0	16.1	21.4	231.9	5.7	7.9	5.6	314.0	333.1	6.5	42.7	8.3	39.0
7.7	34.1	2404.5	725.0	13.4	21.4	243.0	U	6.4	5.3	314.4	336.6	7.7	50.4	6.6	39.0
9.7	36.8	3099.2	700.0	10.0	21.4	243.0	6.5	5.8	2.9	314.4	336.6	7.7	80.0	9.2	40.0
10.8	39.6	3401.4	675.0	7.8	21.4	243.0	7.0	6.9	0.6	314.4	336.6	7.6	76.2	9.6	41.0
11.6	42.3	3712.0	650.0	4.4	21.4	243.0	6.4	6.2	-1.3	315.1	329.5	4.9	50.0	9.7	43.0
13.0	45.2	4022.0	625.0	3.8	21.4	243.0	5.6	5.6	1.0	316.8	328.4	3.8	47.7	10.1	45.0
14.0	49.1	4332.0	600.0	2.8	21.4	243.0	5.5	5.0	2.4	316.8	328.4	3.3	45.2	10.4	46.0
15.2	51.1	4742.0	575.0	-0.4	21.4	243.0	4.2	3.5	2.3	319.2	328.4	2.7	41.3	10.8	46.0
16.4	54.1	5052.0	550.0	-2.7	21.4	243.0	5.1	4.2	2.9	320.8	328.4	2.4	43.1	11.1	47.0
17.7	57.3	5426.2	525.0	-4.9	21.4	243.0	8.9	7.7	4.4	322.5	327.4	1.4	45.9	11.6	47.0
19.1	60.4	5827.8	500.0	-7.3	21.4	243.0	10.7	10.0	3.6	324.1	327.4	1.0	2.0	12.4	48.0
20.5	63.7	6203.6	475.0	-5.8	21.4	243.0	11.0	10.5	3.1	325.5	327.4	0.6	14.6	13.2	50.0
21.9	67.0	6520.0	450.0	-11.0	21.4	243.0	11.1	10.1	4.6	327.0	327.4	0.6	18.1	14.0	51.0
23.2	70.4	7053.0	425.0	-14.9	21.4	243.0	9.2	8.6	3.3	329.5	331.0	0.3	10.4	14.9	52.0
24.7	74.0	7509.6	400.0	-18.6	21.4	243.0	10.0	8.7	5.0	330.8	331.0	0.3	15.6	15.6	53.0
26.3	77.7	7987.6	375.0	-21.4	21.4	243.0	15.4	12.9	8.4	332.2	333.8	0.1	7.8	16.8	53.0
28.1	81.6	8484.4	350.0	-25.0	21.4	243.0	24.3	21.2	11.8	337.9	338.4	0.1	7.3	19.0	54.0
29.8	85.5	9035.3	325.0	-25.0	21.4	243.0	30.6	28.0	12.4	342.2	342.7	0.1	8.3	21.8	54.0
31.6	89.7	9612.4	300.0	-29.4	21.4	243.0	37.2	35.3	13.6	346.5	346.7	0.1	7.0	25.2	54.0
33.6	94.2	10227.3	275.0	-34.4	21.4	243.0	45.9	46.4	21.2	345.2	345.7	0.1	9.8	29.1	59.0
35.6	99.8	10866.3	250.0	-40.1	21.4	243.0	49.9	41.7	19.1	346.4	346.4	99.9	95.9	35.4	60.0
37.9	101.8	11508.0	225.0	-44.4	21.4	243.0	44.8	38.7	22.6	350.2	349.9	99.9	99.9	41.6	60.0
40.3	109.0	12174.8	200.0	-50.7	21.4	243.0	38.5	32.6	20.4	342.4	349.9	99.9	99.9	47.5	60.0
42.8	114.4	13279.8	175.0	-57.4	21.4	243.0	43.1	34.1	26.3	353.0	350.9	99.9	95.9	51.3	60.0
45.7	121.0	14186.6	150.0	-65.0	21.4	243.0	39.0	32.3	21.9	358.1	358.9	99.9	99.9	60.7	59.0
49.3	129.0	15281.3	125.0	-65.1	21.4	243.0	30.3	26.8	14.1	371.7	359.9	99.9	95.9	68.2	59.0
53.6	136.0	16513.6	100.0	-69.6	21.4	243.0	59.5	99.9	99.9	383.3	383.3	99.9	95.9	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 CR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS
7 JUNE 1979
1405 GMT

120 94. 0

TIME MIN	CATY	HEIGHT GM	PRES MB	TEMP OC	DIR OC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT T DG K	MX WTD GM/KG	RM PCT	RANGE AZ KM	AZ DG
0.0	9.2	302.0	988.4	27.7	180.0	7.7	0.0	7.7	303.4	350.2	17.4	71.0	0.0	0.0
0.9	92.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	10.7	472.2	950.0	27.7	180.0	9.8	1.1	9.7	303.2	349.4	17.3	77.8	0.5	11.0
1.4	13.1	706.8	925.0	27.2	180.0	15.4	4.8	14.6	303.2	346.7	16.3	83.0	1.1	10.0
2.3	13.5	946.3	900.0	22.6	180.0	20.3	11.7	16.6	304.2	341.9	15.7	70.5	2.0	18.0
3.2	17.9	1153.7	875.0	25.9	180.0	20.9	16.0	15.9	310.7	339.4	10.2	42.2	3.1	27.0
4.0	23.3	1484.5	850.0	24.5	220.6	17.4	11.3	13.2	311.6	337.0	8.6	39.6	4.1	32.0
5.0	22.4	1709.2	825.0	22.4	221.1	16.4	10.8	12.5	311.2	335.2	8.1	34.3	5.3	32.0
5.3	25.3	1976.0	800.0	20.4	223.2	15.3	10.6	11.7	313.0	335.3	7.7	40.8	5.9	34.0
6.8	27.8	2249.0	775.0	18.2	224.0	7.6	8.8	9.1	313.4	333.1	6.8	39.7	6.7	35.0
7.9	33.3	2525.0	750.0	16.2	229.7	4.5	6.5	5.5	314.2	333.5	6.6	42.7	7.3	36.0
9.0	32.9	2816.4	725.0	14.0	231.4	3.9	5.4	4.3	314.2	333.2	6.3	45.3	7.7	37.0
10.0	35.6	3111.3	700.0	11.3	231.0	6.4	4.9	4.2	315.0	335.0	6.0	57.0	8.2	37.0
11.1	34.3	3414.0	675.0	7.4	230.2	5.5	5.1	2.9	315.0	336.1	7.2	70.2	8.6	38.0
12.2	41.0	3724.9	650.0	5.8	237.9	4.0	3.9	0.8	315.1	336.6	4.5	72.4	8.8	39.0
13.6	43.9	4045.4	625.0	4.2	237.6	3.1	2.6	1.7	317.2	326.7	3.0	36.7	9.3	40.0
14.6	46.7	4376.2	600.0	3.9	239.7	3.5	2.7	2.3	318.3	325.1	2.3	22.1	9.2	40.0
15.7	43.6	4716.3	575.0	-0.2	237.2	6.2	5.2	3.3	319.7	327.3	2.4	36.7	9.6	41.0
16.9	52.6	5072.7	550.0	-2.5	258.0	7.6	7.7	1.6	321.1	327.9	2.1	36.5	10.3	42.0
18.3	53.6	5440.0	525.0	-5.1	267.5	7.0	7.0	0.3	322.2	328.2	1.8	36.8	10.5	44.0
19.7	58.6	5821.7	500.0	-7.2	285.8	6.0	6.0	2.7	324.2	329.7	1.3	24.9	10.5	46.0
21.1	61.9	6219.6	475.0	-6.9	300.3	7.7	6.5	4.0	326.2	328.5	0.6	16.5	11.5	47.0
22.7	59.3	6635.0	450.0	-12.6	299.2	8.2	7.3	3.7	327.4	329.8	0.7	22.0	12.2	48.0
24.1	64.6	7069.2	425.0	-14.6	295.7	8.6	7.1	4.0	329.5	331.2	0.3	11.1	12.9	49.0
25.8	72.1	7524.7	400.0	-13.2	316.2	11.6	9.7	6.5	331.2	332.2	0.2	10.8	13.8	49.0
27.3	79.8	8004.4	375.0	-20.7	330.3	21.0	17.1	12.3	334.2	335.0	0.2	10.3	15.5	49.0
31.3	79.3	8512.6	350.0	-24.3	350.0	26.5	21.1	15.9	338.2	335.5	0.2	10.5	18.0	50.0
33.2	83.1	9055.5	325.0	-24.7	360.6	30.0	26.1	14.7	342.7	335.3	0.1	8.6	21.1	51.0
35.0	91.5	9632.6	300.0	-24.7	360.5	33.6	31.0	14.7	343.2	343.8	0.1	9.0	25.1	53.0
37.5	91.9	10246.0	275.0	-38.3	353.6	37.5	34.4	15.9	346.1	344.4	0.1	10.3	29.9	55.0
39.0	94.3	10802.9	250.0	-40.8	349.2	39.6	35.6	17.2	349.4	349.9	99.9	99.9	35.6	57.0
42.4	101.0	11672.6	225.0	-44.8	338.5	39.0	31.3	20.4	345.4	349.9	99.9	99.9	42.0	57.0
45.6	106.2	12394.0	200.0	-48.6	325.7	34.1	28.1	19.2	351.0	345.8	99.9	99.9	49.0	57.0
48.4	111.9	13243.6	175.0	-54.2	299.6	24.2	24.1	24.7	353.5	345.8	99.9	99.9	54.1	57.0
53.4	117.8	14168.2	150.0	-64.5	280.1	37.6	32.1	19.7	359.0	349.9	99.9	99.9	61.6	56.0
53.1	124.5	15057.9	125.0	-67.8	241.9	24.0	22.4	12.5	372.2	349.9	99.9	99.9	68.6	57.0
57.4	132.0	16033.7	100.0	-65.3	100.0	99.9	99.9	99.9	393.4	349.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0.99 SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0.09 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00.09 SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
MICHITA FALLS, TEXAS
7 JUNE 1979
2005 GMT

128 94. 0

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP OC C	DEW PT OC C	DIR DG	SPEED 1/SEC	J COMP M/SEC	V COMP M/SEC	POT T OG K	E POT Y OG K	MK RTO GM/KG	RM PCT	RANGE KM	AZ DG
0-0	9-5	302-0	968-3	34-3	19-9	180-0	9-2	0-0	9-2	310-2	352-7	15-3	43-0	0-0	0-
00-9	99-9	99-9	1000-0	95-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-5	11-1	474-9	950-0	32-3	21-6	159-5	12-1	4-0	11-4	310-0	357-7	17-4	53-4	0-4	0-
1-3	13-4	714-4	925-0	25-8	20-4	159-3	11-9	3-5	11-4	309-6	353-3	16-5	56-9	1-0	15-
1-9	15-8	559-1	920-0	27-2	19-4	189-3	12-3	2-0	12-1	309-6	352-4	16-0	62-2	1-4	15-
2-6	18-2	1208-1	875-0	24-7	18-4	181-1	12-5	0-2	12-1	309-4	352-0	15-9	68-3	1-9	12-
3-3	23-6	1462-2	850-0	22-4	17-6	186-7	12-3	1-0	12	309-0	351-2	15-1	74-4	2-5	9-
4-3	21-0	1722-3	825-0	22-2	12-0	199-1	12-5	4-1	11	312-1	342-6	10-6	52-6	3-3	10-
5-5	25-5	1949-8	800-0	21-2	7-2	207-2	11-2	5-1	16-	313-7	330-8	6-0	40-3	4-0	13-
6-4	28-1	2263-7	775-0	19-3	3-6	219-5	9-6	6-2	7-5	314-6	333-4	6-4	35-3	4-6	15-
7-5	31-7	2544-9	750-0	17-3	3-1	236-9	9-5	7-5	5-2	315-4	334-2	6-4	36-6	5-1	15-
8-5	31-3	2532-9	725-0	14-8	1-3	242-0	9-0	6-0	4-2	315-7	333-0	5-9	40-0	5-5	21-
9-6	36-0	3126-2	700-0	11-9	1-0	241-0	6-5	7-5	4-1	315-7	333-2	5-9	42-1	6-0	26-
10-7	33-8	3431-6	675-0	5-3	0-9	233-3	6-1	6-9	4-3	316-1	334-0	6-1	55-7	6-5	29-
11-8	41-4	3742-9	650-0	6-1	-3-0	233-4	7-2	6-1	3-4	316-2	330-0	4-7	52-0	6-9	31-
12-9	44-3	4063-4	625-0	3-8	-6-7	245-5	6-5	5-9	2	316-2	328-1	3-7	46-1	7-3	31-
14-0	47-2	4394-0	600-0	2-0	-13-0	248-7	5-9	5-5	2-1	318-	326-1	2-4	32-6	7-6	34-
15-2	50-1	4716-3	575-0	0-2	-17-0	233-7	5-2	4-2	3-1	320-2	325-9	1-8	26-0	7-9	36-
16-4	53-1	5091-4	550-0	-2-1	-14-3	222-7	6-5	4-7	5-0	321-6	328-9	2-3	38-6	8-4	36-
17-8	56-3	4450-2	525-0	-4-9	-17-7	233-6	8-0	6-4	4-7	322-5	328-4	1-8	36-1	9-0	37-
19-1	59-1	4841-8	500-0	-6-6	-24-1	235-8	6-7	7-7	4-9	324-5	328-6	1-1	23-4	9-6	38-
20-6	62-6	6241-1	475-0	-8-7	-30-2	237-7	5-3	7-8	5-0	327-2	325-5	0-6	15-6	10-4	40-
22-1	65-0	6652-3	450-0	-10-0	-36-2	236-0	12-7	10-5	7-1	330-7	332-1	0-4	5-6	11-2	41-
23-7	69-4	7057-3	425-0	-12-6	-33-3	236-2	18-2	14-8	10-7	332-1	334-0	0-3	9-5	12-7	43-
25-1	73-0	7555-9	400-0	-16-3	-41-1	229-0	23-9	18-0	15-7	333-1	334-8	0-3	9-6	14-7	44-
27-0	76-7	8042-0	375-0	-17-0	-48-3	226-8	25-4	18-5	17-4	339-2	339-8	0-2	5-8	17-3	44-
28-8	83-5	8555-5	350-0	-21-5	-46-9	233-8	27-3	22-1	16-1	339-1	340-5	0-2	7-9	20-0	45-
30-4	88-5	9097-4	325-0	-26-0	-47-3	233-3	30-5	24-4	18-2	340-5	341-5	0-2	11-4	23-5	47-
32-8	93-6	9670-4	300-0	-31-4	-47-4	233-9	30-9	25-0	18-2	341-2	341-7	0-1	14-9	27-2	48-
35-1	97-0	10281-7	275-0	-35-0	-52-5	234-2	32-2	26-2	18-8	344-5	344-9	0-1	14-6	31-5	48-
37-2	97-0	10932-4	250-0	-40-7	-59-9	232-5	35-5	26-1	21-6	345-5	345-5	99-9	150-9	35-8	49-
39-6	102-4	11649-9	225-0	-45-2	-69-9	228-6	38-6	29-0	25-6	349-2	349-8	99-9	99-9	41-2	49-
42-0	107-6	12474-6	200-0	-52-2	-69-9	229-7	33-9	25-9	21-9	350-2	349-8	54-9	99-9	46-3	49-
44-8	113-4	13275-6	175-0	-56-7	-99-9	236-0	33-7	28-0	18-9	353-8	349-8	99-9	99-9	52-1	49-
48-0	119-5	14210-6	150-0	-64-1	-99-9	237-0	27-9	23-4	15-2	359-6	349-8	96-9	99-9	58-2	50-
51-8	126-3	15328-2	125-0	-70-5	-99-9	227-8	24-4	18-1	16-4	367-3	349-8	99-9	99-9	64-0	50-
54-0	134-0	16649-2	100-0	-71-8	-99-9	99-9	99-9	99-9	99-9	369-0	349-8	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
99-9	99-9	99-9	0-0	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS
7 JUNE 1970
2305 GMT

TIME MIN	CNTCT	HEIGHT GPY	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG	POT X DEG	MJ RTD GM/KC	RM PCT	RANGE KM	AZ DG
0.0	10.0	302.0	948.1	32.0	22.4	170.0	9.2	-1.4	0.2	308.5	354.8	17.9	87.8	0.0	0.
0.0	10.0	99.0	1000.0	99.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0
0.0	99.0	99.0	975.0	95.0	59.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.0
0.4	17.0	473.5	925.0	32.5	22.7	182.0	9.7	-2.9	9.2	311.2	362.5	18.4	53.2	0.5	346.
1.8	19.3	715.0	925.0	31.4	21.9	168.0	9.7	-2.0	9.5	311.4	361.6	18.2	57.0	0.6	345.
1.6	16.7	461.0	900.0	28.0	20.1	173.9	11.4	-1.2	11.4	311.2	357.5	16.8	59.7	1.1	368.
2.3	19.7	821.7	875.0	26.5	19.9	175.5	13.9	-1.1	13.8	311.2	355.5	16.7	63.1	1.7	350.
2.9	21.5	1467.7	850.0	24.3	18.6	179.4	13.0	-0.1	13.8	311.4	356.1	16.1	70.6	2.2	351.
3.7	23.9	1729.1	825.0	22.2	17.7	180.0	13.7	1.9	13.6	312.1	355.6	15.7	75.6	2.6	354.
4.6	26.4	1996.6	800.0	15.7	16.7	180.9	12.1	4.2	12.4	312.1	349.5	13.4	73.3	3.5	358.
5.6	28.9	2270.1	775.0	18.9	16.2	216.7	10.8	4.2	8.9	312.2	336.7	7.8	43.6	4.2	3.
6.8	31.5	2551.4	750.0	17.9	2.5	223.5	9.7	4.6	7.0	315.2	333.6	6.1	26.6	4.7	8.
7.9	34.1	2840.0	725.0	15.3	1.2	231.0	8.8	6.8	5.5	316.2	332.5	5.8	38.2	5.2	13.
9.0	36.7	3136.2	700.0	12.0	-0.1	243.6	7.0	7.0	3.5	316.7	332.9	5.4	41.1	5.4	16.
10.2	39.4	3440.5	675.0	10.3	-2.8	259.9	7.0	6.9	1.3	317.1	331.7	4.6	39.8	5.9	20.
11.0	42.1	3753.2	650.0	7.0	-3.5	259.9	6.7	6.7	0.0	317.6	331.6	4.5	44.9	6.1	23.
12.1	45.0	4075.4	625.0	5.1	-6.5	255.9	6.2	6.5	-1.7	318.2	329.9	3.8	42.7	6.2	27.
13.0	47.8	4407.7	600.0	3.7	-10.5	252.1	6.0	6.9	0.8	320.4	325.3	1.5	18.0	6.3	30.
14.1	50.7	4751.4	575.0	1.3	-20.1	238.6	5.7	4.9	3.0	321.4	324.3	0.8	10.8	6.6	32.
15.2	53.6	5107.2	550.0	-1.5	-18.1	230.2	5.5	4.2	3.5	322.2	328.7	2.0	32.9	7.0	33.
16.5	56.7	5475.4	525.0	-4.6	-15.4	234.2	6.5	8.3	3.8	322.9	328.5	1.7	32.9	7.4	36.
18.2	59.9	5959.0	500.0	-8.3	-32.7	230.9	6.2	6.4	5.2	324.4	329.6	0.9	18.1	8.1	36.
19.7	63.0	6259.8	475.0	-7.2	-33.3	234.3	13.0	10.6	7.6	329.0	330.6	0.5	10.3	8.9	37.
21.0	66.3	6679.5	450.0	-9.2	-36.8	241.6	19.4	16.9	9.4	331.7	333.0	0.4	8.4	10.1	40.
22.4	69.7	7119.7	425.0	-11.9	-38.2	233.0	23.5	18.7	14.1	333.7	335.0	0.3	9.1	11.8	43.
23.7	73.1	7581.9	400.0	-14.0	-42.1	227.4	25.7	18.9	17.4	336.2	337.9	0.3	8.8	13.7	44.
25.3	76.7	8068.2	375.0	-16.0	-42.3	225.9	27.1	19.5	18.9	337.8	338.7	0.2	9.7	15.2	44.
26.8	80.6	8579.9	350.0	-21.0	-49.6	226.4	28.2	20.5	19.5	339.1	340.0	0.2	10.6	16.9	44.
28.5	84.5	9120.6	325.0	-24.5	-48.9	226.9	30.1	22.0	20.6	340.1	340.1	0.2	12.6	21.8	45.
30.3	89.5	9652.6	300.0	-30.9	-48.0	226.6	29.6	21.6	20.3	341.9	342.7	0.1	14.9	25.0	45.
32.2	92.8	10304.6	275.0	-35.4	-51.7	226.6	32.8	23.9	22.5	343.9	344.4	0.1	16.9	28.5	45.
34.4	102.2	11675.4	250.0	-39.5	-59.2	227.5	33.4	24.3	22.9	347.4	999.9	99.9	999.9	32.6	45.
36.8	107.4	12430.2	200.0	-51.7	-59.9	99.9	99.9	99.9	99.9	348.4	999.9	99.9	999.9	36.9	45.
01.7	113.3	13304.5	175.0	-57.5	-59.9	99.9	99.9	99.9	99.9	350.4	999.9	99.9	999.9	99.9	999.0
03.6	119.5	14265.2	150.0	-64.4	-59.9	99.9	99.9	99.9	99.9	355.0	999.9	99.9	999.9	999.9	999.0
05.4	126.3	15360.4	125.0	-70.3	-59.9	999.9	99.9	99.9	99.9	359.1	999.9	99.9	999.9	999.9	999.0
08.4	134.3	16683.2	100.0	-72.8	-59.9	99.9	99.9	99.9	99.9	387.1	999.9	99.9	999.9	999.9	999.0
09.9	99.9	16883.2	75.0	-99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.0
09.9	99.9	99.9	50.0	-99.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.0
09.0	99.0	99.0	25.0	-59.9	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CD TIME H.L.FE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

APPENDIX II

AVE-SESAME VI Sounding Data
of Questionable Validity
Presented at 25-mb Intervals

PRECEDING PAGE BLANK NOT FILMED

STATION NO. 232
BOOTHVILLE, LOUISIANA

7 JUNE 1979

160 11. 1

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

TIME MIN	CNTCT	WEIGHT 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 F	E POT T DG K	MI RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.3	1.0	1012.0	24.4	22.8	148.0	3.1	-2.0	2.4	296.5	342.1	17.6	81.8	0.0	0.
0.5	5.2	103.7	1000.0	25.3	20.9	99.9	99.9	99.9	99.9	298.5	359.9	99.9	99.9	99.9	99.9
1.2	7.2	326.5	975.0	23.8	99.9	99.9	97.9	99.9	99.9	299.1	369.9	99.9	99.9	99.9	99.9
2.0	9.3	551.6	950.0	21.7	99.9	99.9	99.9	99.9	99.9	299.2	399.9	99.9	99.9	0.7	34.9
2.9	11.3	781.5	925.0	20.5	99.9	195.4	7.9	2.1	7.6	300.3	399.9	99.9	99.9	1.0	35.5
3.7	13.5	1016.3	900.0	18.4	99.9	193.3	10.4	2.4	10.1	300.4	399.9	99.9	99.9	1.5	0.
4.5	15.7	1250.5	875.0	17.7	99.9	192.0	12.1	2.5	11.8	302.2	399.9	99.9	99.9	2.0	4.
5.4	18.0	1502.5	850.0	15.6	99.9	194.2	9.6	0.7	9.6	302.7	399.9	99.9	99.9	2.6	5.
6.4	20.3	1753.9	825.0	14.9	99.9	174.9	9.6	-0.9	9.6	304.4	399.9	99.9	99.9	3.1	6.
7.2	22.6	2014.5	800.0	15.2	99.9	176.7	8.5	-0.5	8.9	307.3	399.9	99.9	99.9	3.6	3.
8.2	25.1	2292.4	775.0	14.4	99.9	182.3	9.2	0.4	9.0	309.3	399.9	99.9	99.9	4.1	2.
9.3	27.4	2557.6	750.0	12.4	99.9	191.2	6.7	1.7	8.5	310.0	399.9	99.9	99.9	4.7	3.
10.3	30.0	2849.9	725.0	12.5	99.9	200.7	7.6	2.7	7.1	313.2	399.9	99.9	99.9	5.2	4.
11.3	32.6	3134.3	700.0	11.5	99.9	211.5	6.1	3.2	5.2	315.2	399.9	99.9	99.9	5.4	5.
12.4	35.2	3437.0	675.0	10.5	99.9	228.2	5.3	3.9	3.5	317.4	399.9	99.9	99.9	5.9	7.
13.4	37.8	3747.8	650.0	9.4	99.9	245.4	5.8	5.3	2.4	319.6	399.9	99.9	99.9	6.1	10.
14.6	40.5	4072.6	625.0	6.3	99.9	246.0	6.5	5.9	2.6	319.9	399.9	99.9	99.9	6.3	13.
15.7	43.1	4405.5	600.0	4.4	99.9	241.5	7.5	6.6	3.6	321.2	399.9	99.9	99.9	6.4	16.
17.0	46.1	4750.0	575.0	2.0	99.9	237.8	8.6	7.3	4.6	322.3	399.9	99.9	99.9	7.1	23.
18.4	49.1	5106.4	550.0	-1.0	99.9	236.	8.8	7.3	4.8	322.9	399.9	99.9	99.9	7.7	23.
19.8	52.0	5470.0	525.0	-3.0	99.9	230.7	6.7	6.7	5.5	324.8	399.9	99.9	99.9	8.3	26.
21.2	55.2	5863.2	500.0	-6.0	99.9	228.9	9.4	7.1	6.2	325.7	399.9	99.9	99.9	9.0	27.
22.6	58.3	6259.4	475.0	-8.9	99.9	233.7	9.4	7.6	5.5	327.0	399.9	99.9	99.9	9.7	29.
23.9	61.6	6674.5	450.0	-11.1	99.9	240.1	10.3	8.9	5.1	329.3	399.9	99.9	99.9	10.5	31.
25.6	65.1	7113.9	425.0	-12.7	99.9	243.5	10.5	9.4	5.1	332.7	399.9	99.9	99.9	11.3	34.
27.3	68.5	7573.8	400.0	-15.6	99.9	246.4	11.9	10.9	4.7	334.8	399.9	99.9	99.9	12.3	37.
29.2	72.0	8059.4	375.0	-17.1	99.9	247.5	13.9	12.9	5.3	338.9	399.9	99.9	99.9	13.6	40.
31.2	76.0	8572.1	350.0	-21.3	99.9	251.0	15.0	14.2	4.9	339.8	399.9	99.9	99.9	15.2	43.
33.2	80.0	9114.3	325.0	-25.9	99.9	254.2	13.9	13.4	3.8	341.1	399.9	99.9	99.9	16.7	46.
35.2	84.0	9687.4	300.0	-30.8	99.9	251.9	13.9	12.7	4.2	342.4	399.9	99.9	99.9	18.2	48.
37.6	88.4	10300.0	275.0	-35.2	99.9	254.5	11.7	11.3	3.1	344.2	399.9	99.9	99.9	19.9	51.
40.3	93.2	10957.1	250.0	-40.3	99.9	244.4	11.4	11.3	1.1	348.2	399.9	99.9	99.9	21.2	53.
42.7	98.0	11605.5	225.0	-46.3	99.9	274.2	13.5	13.5	-1.0	347.3	399.9	99.9	99.9	23.0	55.
45.5	103.3	12435.7	200.0	-52.4	99.9	268.7	13.2	12.5	-4.2	349.9	399.9	99.9	99.9	24.6	54.
48.1	109.1	13207.2	175.0	-58.6	99.9	284.9	12.0	11.6	-3.1	353.2	399.9	99.9	99.9	26.0	63.
51.7	115.6	14236.5	150.0	-66.7	99.9	275.8	10.8	10.7	-1.1	355.1	399.9	99.9	99.9	27.7	66.
55.5	123.0	15317.1	125.0	-74.0	99.9	260.7	10.4	10.2	-1.9	361.0	399.9	99.9	99.9	30.0	68.
60.0	131.0	16607.2	100.0	-75.3	99.9	310.7	5.1	3.9	-1.3	362.3	399.9	99.9	99.9	31.0	71.
65.7	139.7	18300.8	75.0	-70.6	99.9	96.6	6.2	-6.2	0.7	425.0	399.9	99.9	99.9	30.4	71.
73.6	149.0	20779.9	50.0	-57.6	99.9	84.0	13.3	-13.3	-1.4	507.8	399.9	99.9	99.9	25.3	70.
80.0	158.3	25274.9	25.0	-48.4	99.9	99.9	99.9	99.9	99.9	645.5	399.9	99.9	99.9	16.2	55.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 222
BOOTHVILLE, LOUISIANA

7 JUNE 1970
1400 GMT

196 15. 1

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

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEP FT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MK RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.1	1.0	1013.5	26.1	22.6	160.0	6.7	-2.3	6.3	300.1	345.6	17.3	72.0	0.0	0.
0.5	5.1	114.5	1000.0	26.0	99.9	599.9	99.9	99.9	99.9	299.2	999.9	99.9	999.9	999.9	999.9
1.2	6.0	340.7	975.0	24.2	99.9	999.9	99.9	99.9	99.9	299.5	999.9	99.9	999.9	999.9	999.9
2.1	9.0	560.1	950.0	22.7	99.9	999.9	99.9	99.9	99.9	300.2	999.9	99.9	999.9	999.9	999.9
3.1	13.9	797.1	92.0	21.9	99.9	103.0	6.4	0.3	6.4	301.7	999.9	99.9	999.9	999.9	999.9
4.1	12.9	1038.2	900.0	20.5	99.9	177.8	7.5	-0.3	7.5	302.6	999.9	99.9	999.9	999.9	999.9
5.7	11.1	1278.4	875.0	19.2	99.9	170.5	8.3	-1.4	8.2	303.7	999.9	99.9	999.9	999.9	999.9
6.1	17.1	1525.9	850.0	9.7	99.9	143.9	8.6	0.5	8.6	305.7	999.9	99.9	999.9	999.9	999.9
7.1	14.3	1777.6	825.0	17.1	99.9	133.4	8.6	0.5	8.6	306.7	999.9	99.9	999.9	999.9	999.9
8.1	21.4	2310.5	800.0	15.7	99.9	144.9	7.0	1.8	6.7	307.9	999.9	99.9	999.9	999.9	999.9
9.3	23.4	2730.2	775.0	14.1	99.9	198.4	7.1	2.3	6.8	309.0	999.9	99.9	999.9	999.9	999.9
10.5	25.9	4301.6	750.0	13.1	99.9	206.9	6.9	3.1	6.1	310.8	999.9	99.9	999.9	999.9	999.9
11.6	24.3	4265.1	725.0	11.9	99.9	214.7	7.0	4.0	5.7	312.5	999.9	99.9	999.9	999.9	999.9
12.7	30.6	3127.7	700.0	10.8	99.9	223.1	6.2	4.3	4.5	314.4	999.9	99.9	999.9	999.9	999.9
14.0	33.3	3459.7	675.0	10.2	99.9	227.5	4.8	3.6	3.7	317.1	999.9	99.9	999.9	999.9	999.9
15.2	35.8	3772.5	650.0	9.3	99.9	221.7	4.5	3.0	3.4	319.5	999.9	99.9	999.9	999.9	999.9
16.5	38.4	4075.4	625.0	6.5	99.9	233.1	4.9	4.0	3.0	319.9	999.9	99.9	999.9	999.9	999.9
17.9	41.2	4423.1	600.0	4.1	99.9	236.8	5.7	4.8	3.1	320.8	999.9	99.9	999.9	999.9	999.9
19.2	43.7	4772.6	575.0	1.7	99.9	235.7	5.5	4.6	3.1	322.0	999.9	99.9	999.9	999.9	999.9
20.6	46.7	5120.4	550.0	-1.3	99.9	247.0	6.7	6.1	2.6	322.6	999.9	99.9	999.9	999.9	999.9
22.1	49.6	5467.3	525.0	-3.1	99.9	237.1	7.2	6.0	3.9	323.7	999.9	99.9	999.9	999.9	999.9
23.3	52.5	5814.0	500.0	-5.2	99.9	210.7	6.6	3.4	5.7	326.7	999.9	99.9	999.9	999.9	999.9
25.7	55.6	6432.7	475.0	-7.2	99.9	216.9	8.9	5.4	7.2	329.1	999.9	99.9	999.9	999.9	999.9
27.2	58.7	6780.0	450.0	-9.7	99.9	229.7	11.0	6.4	7.1	331.0	999.9	99.9	999.9	999.9	999.9
28.9	62.1	7143.2	425.0	-13.3	99.9	245.8	10.5	9.6	4.3	332.0	999.9	99.9	999.9	999.9	999.9
30.7	65.5	7599.3	400.0	-16.3	99.9	260.1	9.2	9.1	1.6	333.8	999.9	99.9	999.9	999.9	999.9
32.4	69.0	8083.1	375.0	-17.7	99.9	244.0	9.6	8.6	4.2	338.1	999.9	99.9	999.9	999.9	999.9
34.9	72.5	8547.3	350.0	-20.4	99.9	242.9	5.9	6.8	4.5	341.3	999.9	99.9	999.9	999.9	999.9
37.0	76.6	9141.4	325.0	-24.4	99.9	246.7	9.4	8.6	3.7	343.1	999.9	99.9	999.9	999.9	999.9
39.0	80.6	9719.8	300.0	-28.6	99.9	255.3	9.4	9.5	2.5	344.0	999.9	99.9	999.9	999.9	999.9
41.1	85.0	10334.7	275.0	-34.6	99.9	240.4	9.3	9.2	3.6	345.1	999.9	99.9	999.9	999.9	999.9
43.4	89.5	10730.1	250.0	-40.1	99.9	259.9	11.0	11.4	2.2	346.5	999.9	99.9	999.9	999.9	999.9
46.1	94.6	11703.7	225.0	-45.6	99.9	270.3	15.5	15.5	-0.1	348.3	999.9	99.9	999.9	999.9	999.9
48.4	99.8	12477.2	200.0	-52.1	99.9	270.4	14.3	14.2	-2.1	350.3	999.9	99.9	999.9	999.9	999.9
51.6	105.5	13449.4	175.0	-58.2	99.9	272.4	8.0	8.0	-0.3	351.9	999.9	99.9	999.9	999.9	999.9
55.0	112.0	14260.2	150.0	-66.6	99.9	257.0	9.1	8.2	2.1	353.4	999.9	99.9	999.9	999.9	999.9
58.6	119.3	15367.1	125.0	-74.4	99.9	272.2	9.2	8.2	-4.0	362.7	999.9	99.9	999.9	999.9	999.9
62.6	127.3	16663.2	100.0	-78.4	99.9	275.8	9.4	4.2	-1.2	368.0	999.9	99.9	999.9	999.9	999.9
66.4	137.0	18349.9	75.0	-70.9	99.9	110.1	6.9	-6.5	2.4	424.3	999.9	99.9	999.9	999.9	999.9
70.2	146.3	20833.6	50.0	-56.5	99.9	93.1	13.4	-13.4	0.7	510.3	999.9	99.9	999.9	999.9	999.9
88.6	155.7	25329.2	25.0	-48.1	99.9	85.7	17.9	-17.8	-1.3	646.6	999.9	99.9	999.9	999.9	999.9

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

STATION NO. 232
BOOTHVILLE, LOUISIANA

7 JUNE 1979
1700 GMT

169 14. 1

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

TIME MIN	CMTCY	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	WX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.0	1.0	1019.3	29.4	23.8	180.0	5.1	-1.7	4.8	301.3	350.6	10.7	72.0	0.0	0.
0.3	9.1	126.7	1000.0	26.0	99.9	99.9	99.9	99.9	99.9	299.2	999.9	99.9	999.9	999.9	999.9
0.7	7.1	348.0	975.0	24.3	99.9	99.9	99.9	99.9	99.9	299.7	999.9	99.9	999.9	999.9	999.9
1.4	9.3	573.4	950.0	21.9	99.9	559.9	99.9	99.9	99.9	299.5	999.9	99.9	999.9	999.9	999.9
2.4	11.2	833.4	925.0	20.7	99.9	181.1	3.0	0.1	3.0	300.5	999.9	99.9	999.9	0.0	361.
3.3	13.4	1038.9	900.0	19.6	99.9	175.4	3.4	-0.4	5.3	301.7	999.9	99.9	999.9	1.1	365.
4.3	15.5	1230.1	875.0	18.7	99.9	178.9	7.5	-0.1	7.5	303.2	999.9	99.9	999.9	1.5	367.
5.3	17.6	1527.7	850.0	18.3	99.9	191.4	7.1	1.4	7.0	305.3	999.9	99.9	999.9	1.9	371.
6.2	20.0	1781.7	825.0	16.9	99.9	201.3	6.5	2.3	6.0	306.4	999.9	99.9	999.9	2.2	355.
7.1	22.1	2042.4	800.0	15.3	99.9	215.7	6.3	3.7	5.1	307.5	999.9	99.9	999.9	2.5	359.
8.1	24.5	2309.9	775.0	13.6	99.9	229.0	6.7	4.7	4.8	308.4	999.9	99.9	999.9	2.8	35.
9.1	26.8	2584.7	750.0	12.4	99.9	228.2	6.4	4.8	4.2	310.0	999.9	99.9	999.9	3.1	10.
10.1	29.3	2872.2	725.0	10.5	99.9	238.7	5.0	4.1	2.9	311.0	999.9	99.9	999.9	3.4	18.
11.3	31.9	3158.3	700.0	9.8	99.9	227.4	4.2	3.1	2.8	313.3	999.9	99.9	999.9	3.6	17.
12.3	34.4	3459.1	675.0	8.6	99.9	211.7	4.1	2.2	3.5	315.2	999.9	99.9	999.9	3.8	18.
13.4	36.9	3769.9	650.0	7.6	99.9	212.0	5.2	2.7	4.4	317.6	999.9	99.9	999.9	4.2	19.
14.7	39.7	4091.3	625.0	5.5	99.9	221.9	5.0	3.4	3.7	318.8	999.9	99.9	999.9	4.6	23.
16.0	42.2	4423.3	600.0	3.3	99.9	228.1	5.4	4.0	3.6	319.9	999.9	99.9	999.9	4.9	22.
17.3	45.0	4766.2	575.0	0.8	99.9	238.8	5.5	4.5	3.2	321.0	999.9	99.9	999.9	5.3	25.
18.6	48.0	5121.6	550.0	-1.4	99.9	238.8	7.0	6.0	3.6	322.4	999.9	99.9	999.9	5.7	27.
19.8	50.8	5490.5	525.0	-3.1	99.9	228.8	7.7	5.8	5.0	324.7	999.9	99.9	999.9	6.2	30.
21.1	53.9	5874.7	500.0	-5.4	99.9	221.8	9.5	6.4	7.1	326.5	999.9	99.9	999.9	6.8	31.
22.6	56.8	6275.1	475.0	-8.3	99.9	230.5	10.4	8.0	8.6	327.8	999.9	99.9	999.9	7.7	32.
24.4	60.1	6692.6	450.0	-10.7	99.9	252.7	9.4	5.8	2.8	329.8	999.9	99.9	999.9	8.6	36.
26.0	63.5	7129.5	425.0	-14.0	99.9	268.8	8.4	8.4	0.2	331.1	999.9	99.9	999.9	9.3	40.
27.7	66.9	7587.8	400.0	-16.2	99.9	277.3	7.0	6.9	-0.9	333.0	999.9	99.9	999.9	10.0	44.
29.3	70.4	8070.4	375.0	-19.1	99.9	309.8	5.0	3.8	-3.2	336.3	999.9	99.9	999.9	10.7	46.
31.0	73.0	8581.8	350.0	-21.4	99.9	321.8	6.1	5.0	-6.4	339.9	999.9	99.9	999.9	11.5	50.
32.9	76.0	9123.9	325.0	-25.4	99.9	301.8	9.2	7.9	-4.9	341.7	999.9	99.9	999.9	12.1	55.
34.9	82.0	9700.2	300.0	-29.6	99.9	297.4	8.0	7.1	-3.7	343.7	999.9	99.9	999.9	12.7	61.
36.9	86.3	10314.0	275.0	-35.1	99.9	288.5	7.1	6.8	-2.0	346.4	99.9	99.9	999.9	13.4	64.
38.8	90.8	10970.7	250.0	-40.7	99.9	288.4	9.5	9.5	0.3	348.6	999.9	99.9	999.9	14.0	66.
41.1	95.8	11678.1	225.0	-47.1	99.9	272.9	12.9	12.9	-0.7	348.3	999.9	99.9	999.9	14.4	69.
43.3	101.0	12447.0	200.0	-53.3	99.9	280.8	12.8	12.6	-2.4	348.3	999.9	99.9	999.9	15.0	72.
45.6	107.0	13294.5	175.0	-59.8	99.9	283.6	8.1	8.1	0.9	351.2	999.9	99.9	999.9	15.3	74.
48.3	113.3	14241.6	150.0	-67.2	99.9	251.9	8.2	7.8	2.5	354.3	999.9	99.9	999.9	17.5	74.
51.3	120.8	15323.1	125.0	-73.8	99.9	292.5	5.5	5.0	-2.1	361.4	999.9	99.9	999.9	18.9	75.
54.4	129.3	16610.5	100.0	-75.0	99.9	28.8	2.8	-1.3	-2.5	367.9	999.9	99.9	999.9	19.0	76.
58.0	139.3	18293.7	75.0	-67.4	99.9	86.6	7.4	-7.0	-0.4	431.6	999.9	99.9	999.9	19.0	76.
63.9	149.0	20788.2	50.0	-58.8	99.9	94.1	11.9	-11.9	0.9	606.9	999.9	99.9	999.9	19.8	72.
76.9	159.0	25260.9	25.0	-48.6	99.9	80.7	16.1	-16.1	-0.4	645.0	999.9	99.9	999.9	20.0	33.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 280
STEPHENVILLE, TEXAS

8 JUNE 1979
500 GMT

163 12. 0

TIME MIN	CMTC	WEIGHT GPM	BRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MR BTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.5	399.0	962.6	26.8	25.2	180.0	8.2	0.0	8.2	303.2	360.2	21.5	91.0	0.0	0.
0.9	09.9	99.9	1.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	11.7	516.0	950.0	23.4	24.5	188.6	12.4	-6.5	10.6	303.0	358.4	20.9	94.9	0.5	12.
1.2	14.1	731.4	925.0	23.6	23.5	189.0	16.7	-3.2	16.4	303.4	358.8	20.1	99.4	1.1	37.1
2.1	16.5	931.7	903.0	27.5	22.1	189.5	19.8	3.3	19.5	304.8	355.7	19.0	97.5	2.1	37.7
3.1	19.0	1237.9	875.0	21.9	20.9	194.4	17.9	4.5	17.4	306.5	355.6	18.1	94.3	3.3	3.
4.2	21.5	1491.2	853.0	22.1	16.6	194.5	13.7	3.4	13.2	309.3	348.6	14.2	71.4	4.2	6.
5.2	24.0	1751.0	825.0	21.9	10.9	190.8	11.7	2.2	11.5	311.7	340.1	10.0	49.7	5.0	7.
6.4	26.5	2017.7	808.0	20.6	6.9	202.8	8.1	3.1	7.4	313.1	335.7	7.8	41.1	5.7	8.
7.6	29.1	2291.1	775.0	10.4	5.7	187.3	5.6	0.7	5.5	313.6	335.2	7.5	41.5	6.2	2.
8.8	31.6	2571.4	750.0	16.1	7.0	163.7	5.2	-1.4	5.0	314.0	338.3	8.4	54.9	6.5	8.
9.7	34.4	2854.9	725.0	14.0	5.5	189.4	4.0	0.0	4.0	314.8	337.7	7.9	55.6	6.9	7.
11.0	37.1	3154.4	700.0	12.4	-1.7	216.5	3.8	2.3	3.1	316.2	330.8	4.9	37.6	7.0	7.
12.1	39.9	3458.1	675.0	10.3	-5.1	249.7	3.7	3.4	1.5	317.2	329.0	3.9	33.4	7.2	9.
13.2	42.6	3779.8	650.0	8.1	-9.6	289.5	3.5	3.5	0.0	318.2	327.0	2.8	27.3	7.3	11.
14.3	45.6	4073.4	625.0	6.0	-9.9	248.3	4.0	3.7	1.5	319.3	328.3	2.9	21.1	7.3	12.
15.4	48.5	4426.1	600.0	3.7	-15.7	249.9	7.6	6.9	3.1	320.4	326.5	1.9	22.8	7.6	14.
16.6	51.5	4771.3	575.0	3.5	-30.0	251.0	11.3	10.7	3.7	324.1	326.0	0.5	6.4	8.0	18.
17.9	54.5	5150.0	550.0	1.5	-31.1	241.7	12.5	11.0	5.9	325.9	327.7	0.5	6.6	8.7	23.
19.3	57.6	5522.5	525.0	-1.2	-32.7	231.3	13.9	10.8	8.7	327.0	328.6	0.5	6.9	9.6	27.
20.6	60.9	5888.8	500.0	-4.4	-32.8	228.5	13.2	9.8	9.1	327.7	329.4	0.5	8.7	10.6	29.
22.0	64.1	6290.0	475.0	-7.8	-33.7	30.6	12.3	10.2	6.8	328.3	330.0	0.5	10.4	11.6	31.
23.3	67.4	6734.0	450.0	-10.9	-35.6	236.9	14.6	12.2	6.0	329.5	331.0	0.4	10.9	12.6	33.
25.1	71.0	7194.0	425.0	-14.5	-36.3	227.3	16.8	12.3	11.4	330.3	331.8	0.4	13.7	14.1	35.
26.9	74.6	7632.4	400.0	-16.8	-19.8	221.9	18.8	12.5	14.0	333.2	339.9	2.0	77.4	15.9	36.
28.7	78.3	8035.3	375.0	-19.2	-28.2	220.6	21.7	14.1	16.4	336.2	339.8	1.0	45.1	18.2	37.
30.7	82.1	8595.1	353.0	-22.7	-34.6	210.3	23.7	12.0	20.5	338.1	340.3	0.6	31.3	20.8	37.
32.6	86.2	9135.7	325.0	-26.1	-34.8	201.5	24.6	9.0	22.9	340.8	343.0	0.6	43.4	23.6	35.
34.7	90.3	9709.8	300.0	-30.3	-40.0	201.8	23.7	8.6	21.6	342.7	344.2	0.4	37.6	26.5	34.
36.9	94.6	10371.9	275.0	-35.0	-46.4	209.0	23.5	8.0	22.1	344.6	345.4	0.2	29.8	29.5	32.
39.4	99.6	10978.6	250.0	-40.9	-49.9	272.1	25.3	9.5	23.5	345.3	349.9	99.9	99.9	33.0	31.
42.0	104.6	11607.4	225.0	-46.7	-49.9	209.2	24.3	11.9	21.3	347.0	349.9	99.9	99.9	36.8	31.
44.7	109.6	12456.6	200.0	-52.6	-49.9	213.9	28.3	15.8	23.5	349.5	349.9	99.9	99.9	41.0	31.
47.9	115.6	13103.5	175.0	-58.2	-49.9	209.8	24.1	12.0	20.9	353.9	349.9	99.9	99.9	46.6	31.
51.1	122.0	14287.2	150.0	-64.6	-49.9	190.8	16.5	3.1	16.2	358.7	349.9	99.9	99.9	50.1	31.
54.9	129.0	15362.5	125.0	-70.6	-49.9	209.8	16.8	8.4	14.6	367.2	349.9	99.9	99.9	53.6	29.
58.8	137.0	16471.5	100.0	-74.7	-49.9	184.7	9.9	3.8	9.9	381.4	349.9	99.9	99.9	56.6	27.
64.6	146.3	18370.1	75.0	-86.2	-49.9	124.6	7.3	-6.0	4.1	434.1	349.9	99.9	99.9	57.9	27.
72.1	156.7	20871.3	50.0	-99.1	-49.9	104.5	9.8	-9.5	2.5	504.3	349.9	99.9	99.9	57.3	24.
84.8	167.0	25347.7	25.0	-84.8	-49.9	99.9	99.9	99.9	99.9	644.5	349.9	99.9	99.9	54.0	18.

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

STATION NO. 349
LITTLE ROCK, ARKANSAS
7 JUNE 1979
2005 GMT

TIME MIN	CNTCT	WEIGHT GPM	PREC MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.5	172.0	984.4	28.3	24.8	180.0	2.6	0.0	2.6	302.4	355.3	20.0	80.0	0.0	3.
99.9	99.9	1000.0	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	8.0	302.4	975.0	26.5	21.1	180.5	7.6	1.4	7.5	301.8	345.6	18.5	72.6	0.2	42.
1.3	11.1	532.0	950.0	24.8	20.7	200.6	9.7	3.0	8.1	302.3	346.0	16.4	78.0	0.6	13.
2.2	12.5	766.0	925.0	22.5	19.0	207.6	9.7	4.5	8.5	302.3	345.1	16.1	85.6	1.1	19.
3.1	15.0	1058.0	900.0	21.3	19.2	203.9	11.5	4.6	10.5	303.5	345.7	15.8	87.7	1.6	21.
4.0	18.3	1249.2	875.0	19.6	17.7	209.7	12.5	4.2	10.9	304.0	343.7	14.8	84.8	2.3	22.
5.0	20.4	1499.1	850.0	18.3	16.8	218.0	14.7	9.1	11.6	305.3	339.6	12.6	80.1	3.1	26.
6.1	23.3	1755.3	825.0	17.1	13.0	220.6	13.3	8.6	10.1	306.6	338.3	11.5	76.7	4.0	29.
7.2	25.8	2017.9	800.0	15.4	11.9	222.4	12.9	6.7	9.5	307.5	338.1	11.0	79.7	4.9	31.
8.2	28.4	2280.9	775.0	13.3	10.2	234.5	13.3	10.9	7.7	308.1	336.5	10.2	81.5	5.6	33.
9.1	31.0	2562.8	750.0	11.8	8.4	233.5	12.9	10.3	7.7	309.4	335.4	9.3	79.6	6.3	36.
10.2	33.7	2840.6	725.0	10.1	5.6	237.5	13.1	11.1	7.4	310.5	333.2	7.9	73.7	7.0	38.
11.2	36.3	3133.4	700.0	8.9	2.5	241.0	14.7	12.8	7.1	312.3	331.4	6.6	66.3	7.9	40.
12.3	39.1	3432.0	675.0	7.0	-1.5	242.9	16.5	14.7	7.5	313.5	328.6	5.1	54.4	8.8	43.
13.4	41.7	3742.6	650.0	4.9	-3.3	242.4	16.6	14.7	7.7	314.5	326.3	4.6	55.2	9.8	45.
14.5	44.0	4071.5	625.0	2.1	-5.2	243.0	15.6	13.9	7.1	314.9	327.4	4.2	58.3	10.9	47.
15.6	47.0	4398.0	600.0	-0.3	-6.4	245.5	15.6	14.2	6.5	315.6	327.7	4.0	63.3	11.9	48.
16.8	50.6	4739.4	575.0	-2.8	-11.5	248.0	14.9	13.8	5.6	316.7	325.4	2.8	61.9	12.9	50.
18.1	53.6	5037.2	550.0	-3.4	-37.8	249.3	13.9	13.4	3.8	320.1	323.0	0.9	16.6	14.0	51.
19.8	56.8	5453.7	525.0	-5.2	-53.2	256.8	15.8	15.4	3.6	322.1	322.3	0.0	1.0	17.3	54.
21.5	60.0	5935.1	500.0	-6.9	-54.3	254.2	17.1	16.5	4.7	324.7	324.8	0.0	1.0	16.8	56.
23.1	63.1	6233.2	475.0	-8.3	-55.8	254.2	17.8	17.1	4.8	326.4	326.6	0.0	1.0	18.4	57.
25.6	66.6	6649.3	450.0	-11.9	-57.4	256.2	19.8	19.2	4.7	328.3	328.5	0.0	1.0	20.1	59.
25.9	70.0	7048.1	425.0	-14.6	-59.2	261.7	21.2	20.7	3.1	330.2	330.4	0.0	1.0	21.6	60.
27.3	73.6	7541.0	400.0	-17.2	-60.8	264.4	24.5	24.4	2.4	332.7	332.8	0.0	1.0	23.3	62.
28.8	77.3	8021.6	375.0	-20.5	-63.2	259.8	30.1	29.6	5.3	334.0	334.1	0.0	1.0	25.6	64.
30.0	81.0	8530.1	350.0	-21.7	-63.7	257.4	34.4	33.6	7.5	339.5	339.6	0.0	1.0	28.0	65.
31.8	85.0	9071.5	325.0	-25.6	-66.3	262.3	33.5	33.2	6.5	341.5	341.5	0.0	1.0	31.5	67.
34.3	89.2	9686.7	300.0	-30.4	-69.4	267.5	34.1	34.1	1.5	342.6	342.6	0.0	1.0	36.2	64.
36.8	93.5	10259.1	275.0	-35.7	-73.0	268.4	35.9	35.9	1.0	343.5	343.5	0.0	1.0	41.1	72.
39.0	90.2	10714.6	250.0	-40.8	94.9	265.8	37.6	37.5	2.7	345.4	345.4	99.9	99.9	43.9	73.
41.4	103.0	11623.3	225.0	-46.7	99.9	262.9	37.6	37.6	4.6	347.0	347.0	99.9	99.9	51.1	74.
44.1	108.2	12394.6	200.0	-52.0	99.9	261.2	36.3	36.3	1.1	349.2	349.2	99.9	99.9	55.9	76.
46.5	113.8	13241.8	175.0	-59.2	94.9	267.8	33.0	32.9	1.2	352.3	349.9	99.9	99.9	62.0	77.
49.0	119.0	14194.4	150.0	-65.8	99.9	274.4	28.1	28.0	-2.2	356.7	349.9	99.9	99.9	66.4	78.
52.3	126.5	15295.0	125.0	-71.5	99.9	272.6	22.4	22.4	-1.0	365.6	349.9	99.9	99.9	71.5	79.
56.1	134.0	16531.9	100.0	-74.1	99.9	264.8	8.9	8.8	0.8	384.7	349.9	99.9	99.9	74.8	79.
61.0	142.5	18311.5	75.0	-66.6	99.9	171.8	3.9	-0.6	3.8	433.3	349.9	99.9	99.9	76.1	79.
67.8	152.0	20811.1	50.0	-57.9	94.9	116.4	7.0	-6.3	3.1	507.2	349.9	99.9	99.9	74.1	78.
79.0	162.0	25308.9	25.0	-46.4	94.9	94.9	10.5	-10.5	0.9	651.3	349.9	99.9	99.9	68.3	76.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME MAY BE INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

317 10W NO. 300
 -111E RCT AMR-NSAS
 7 JUNE 1975
 2305 017

TIME MIN	CITCF	WEIGHT GPM	PRES MB	TEMP DU C	CEB PT DU C	CTI J	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RM PCT	RANGE KM	AZ DC
00.0	6.8	172.0	1090.0	28.9	23.3	155.0	6.2	1.1	0.1	303.0	352.5	18.8	72.0	0.0	0.
00.7	9.0	94.9	1000.0	98.9	25.9	95.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	9.1	249.1	975.0	28.9	22.3	167.7	9.8	1.1	9.7	302.3	349.3	17.7	75.1	0.3	6.
1.1	10.5	529.2	950.0	28.9	21.3	182.1	10.2	1.5	10.1	302.3	349.3	17.6	82.8	0.7	7.
1.8	12.8	763.7	925.0	27.7	21.6	197.1	10.2	2.2	9.9	302.5	349.6	17.7	92.5	1.1	8.
2.7	15.1	1002.8	900.0	27.9	20.1	201.1	10.4	2.7	10.1	303.0	347.5	16.7	92.3	1.7	10.
3.7	17.0	1247.0	875.0	17.8	16.1	201.1	10.1	3.6	9.4	303.3	346.5	15.6	97.1	2.2	12.
4.5	20.0	1470.3	850.0	17.3	16.0	211.1	10.0	5.5	9.1	304.3	342.4	14.1	92.6	2.8	14.
5.4	22.6	1750.0	825.0	16.2	14.7	211.1	11.9	7.0	9.6	305.7	340.1	12.6	88.6	3.5	19.
7.1	25.3	2318.0	800.0	15.3	12.3	211.2	11.6	7.9	7.4	307.2	338.6	11.4	83.8	4.4	23.
8.1	27.6	2713.2	775.0	13.7	9.1	244.5	12.7	10.3	7.7	308.5	335.3	9.6	74.9	5.1	27.
9.2	30.2	2959.4	750.0	12.2	5.0	244.3	13.3	11.0	5.8	309.9	332.0	7.8	65.1	5.4	31.
10.0	32.3	2843.5	725.0	11.9	2.4	251.0	13.2	13.0	2.6	311.5	329.8	6.3	55.7	6.4	35.
11.0	35.4	3135.5	700.0	8.8	0.4	271.7	12.1	12.1	0.3	312.3	328.8	5.7	53.5	6.8	40.
12.2	38.2	3435.4	675.0	6.1	-2.5	267.2	13.0	12.9	1.4	312.7	326.8	4.7	51.3	7.4	45.
13.3	40.9	3749.1	650.0	4.1	-4.0	262.0	14.9	14.7	1.9	313.7	326.1	4.1	52.2	8.2	49.
14.4	43.8	4061.8	625.0	2.1	-30.0	261.1	14.9	14.7	2.2	315.1	317.1	0.6	8.5	9.0	52.
15.4	46.6	4373.2	600.0	0.5	-44.6	252.0	14.4	13.7	4.5	316.8	317.3	0.1	2.1	9.9	55.
16.4	49.6	4733.4	575.0	-1.4	-59.1	247.8	14.6	13.5	5.5	318.3	320.4	0.6	10.0	10.7	58.
17.4	52.5	5063.2	550.0	-3.0	-71.8	250.9	15.2	14.4	7.7	320.5	320.7	0.1	1.0	11.6	57.
18.5	55.8	5449.4	525.0	-5.7	-83.6	256.2	14.2	13.8	3.4	321.5	321.7	0.0	1.0	12.5	58.
19.7	58.8	5833.4	500.0	-7.2	-94.5	262.2	14.1	14.2	1.9	324.2	324.4	0.0	1.0	13.4	59.
21.0	62.0	6223.4	475.0	-9.4	-105.9	267.8	16.1	16.1	0.6	326.4	326.5	0.0	1.0	14.5	62.
22.4	65.3	6648.3	450.0	-12.1	-117.6	265.9	15.7	15.7	1.1	328.1	328.2	0.0	1.0	15.7	64.
24.0	68.6	7030.0	425.0	-14.9	-130.8	266.3	19.8	19.7	1.3	331.1	331.2	0.0	1.0	17.2	68.
25.6	72.1	7537.4	400.0	-17.1	-140.8	266.8	25.0	24.9	1.4	332.8	332.9	0.0	1.0	19.2	69.
27.1	75.8	8019.2	375.0	-18.6	-147.7	260.9	29.5	29.2	4.7	337.1	337.2	0.0	1.0	21.7	70.
28.8	79.7	8510.6	350.0	-22.3	-164.1	266.4	30.1	30.1	1.9	338.7	338.8	0.0	1.0	24.7	71.
30.8	83.6	9073.3	325.0	-27.1	-187.3	267.5	30.1	30.1	1.3	339.3	339.3	0.0	1.0	28.1	74.
32.8	87.7	9642.4	300.0	-31.3	-201.1	267.1	28.5	28.5	1.5	341.2	341.3	0.0	1.0	31.7	75.
34.9	92.0	10251.4	275.0	-36.2	-208.1	264.4	30.6	30.6	3.0	342.7	342.8	0.0	2.2	35.3	76.
37.1	96.7	10906.7	250.0	-41.3	-219.9	268.8	31.9	31.9	0.0	344.6	344.6	99.9	99.9	39.4	77.
39.4	101.6	11612.6	225.0	-47.5	-234.9	269.2	32.8	32.8	0.5	345.8	345.8	99.9	99.9	43.8	78.
41.9	106.8	12381.3	200.0	-53.2	-249.0	273.4	30.8	30.8	-1.8	348.6	348.6	99.9	99.9	48.4	81.
44.6	112.5	13275.7	175.0	-60.2	-264.3	276.2	28.2	28.2	-3.1	350.6	350.6	99.9	99.9	53.1	83.
47.8	118.5	14177.3	150.0	-66.2	-279.9	283.3	22.1	21.5	-0.1	356.1	356.1	99.9	99.9	57.6	83.
51.3	125.1	15262.7	125.0	-73.0	-299.0	289.0	21.0	21.0	0.3	362.9	362.9	99.9	99.9	61.9	83.
55.5	133.3	16563.4	100.0	-73.9	-290.1	9.2	8.7	-1.2	-1.2	385.0	385.0	99.9	99.9	65.9	84.
60.4	142.0	18276.5	75.0	-64.8	-266.3	3.5	3.3	3.3	-1.0	432.9	432.9	99.9	99.9	68.2	84.
67.7	152.0	20773.8	50.0	-58.4	-212.2	6.8	6.8	2.6	2.6	505.8	505.8	99.9	99.9	64.2	83.
79.1	182.3	27756.5	25.0	-48.0	-99.9	83.7	11.5	-11.4	-1.2	647.1	647.1	99.9	99.9	57.9	82.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEM. MEANS TEMPERATURE UM TIME MAX. UML UNLIMITED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 3-0
LITTLE ROCK, ARKANSAS
8 JUNE 1979
205 GMT

184 13. 0

TIME M/M	CHTCY	WEIGHT GPH	PNES MB	TEMP DC C	DEW PT DC C	OIF DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PBT T DC R	E POT T DC R	WX RTO CM/SEC	HM PCT	R'AGE KM	AZ DS
00	7-9	172.0	989.9	23.9	23.0	100.0	9.1	0.0	4.1	299.9	347.7	10.2	04.0	0.0	0.0
00.9	90.9	99.9	1000.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	9.4	305.9	975.0	20.6	22.0	185.1	10.9	1.0	10.9	300.0	345.6	17.4	85.2	0.3	2.0
1.6	11.7	534.7	950.0	20.2	21.7	191.4	10.1	2.0	13.0	301.7	348.1	17.5	85.1	0.9	3.0
2.5	14.1	788.6	925.0	22.3	20.9	200.3	15.2	5.3	13.3	302.1	347.5	17.1	91.7	1.0	11.0
3.4	16.0	1007.4	900.0	20.5	19.6	207.8	15.8	7.0	13.3	302.6	346.0	16.2	94.8	2.6	15.0
4.0	17.1	1251.0	875.0	18.7	18.0	214.3	15.0	8.9	12.1	303.3	343.6	15.0	95.3	3.4	19.0
5.0	21.5	1500.5	850.0	17.3	16.4	219.1	15.9	9.4	11.6	304.3	342.5	14.2	95.6	4.3	23.0
6.0	24.1	1750.0	825.0	16.7	13.8	222.4	12.4	8.3	9.2	306.2	339.5	12.1	83.1	5.1	26.0
7.6	28.6	2318.6	800.0	15.4	11.4	231.2	11.0	6.6	6.9	307.6	337.3	10.7	77.3	5.9	29.0
8.0	29.2	2287.8	775.0	14.2	7.0	240.9	9.8	6.6	4.9	309.1	332.2	9.2	61.8	6.5	32.0
9.9	31.4	2564.6	750.0	13.0	4.7	253.2	6.6	8.2	2.5	310.7	331.3	7.2	56.8	7.1	35.0
11.1	34.6	2849.1	725.0	10.9	2.3	242.4	7.9	7.8	1.0	311.4	329.5	6.2	55.1	7.5	38.0
12.3	37.2	3140.9	700.0	8.5	0.1	262.0	8.6	6.5	1.2	311.9	328.0	5.5	55.3	7.9	41.0
13.6	40.0	3400.3	675.0	5.8	-1.4	261.8	9.5	9.4	1.3	312.2	327.3	5.1	59.7	8.4	44.0
14.9	42.9	3748.4	650.0	3.4	-3.6	251.7	9.8	9.3	3.1	312.8	324.3	3.8	51.1	9.1	47.0
16.3	45.8	4066.0	625.0	2.2	-13.0	236.9	9.0	7.5	4.9	314.9	320.9	1.9	26.7	9.5	49.0
17.5	48.6	4394.8	600.0	0.5	-11.0	240.5	8.3	7.2	4.1	316.7	325.6	2.9	43.3	10.4	49.0
18.9	51.4	4735.3	575.0	-0.4	-50.2	262.1	7.7	7.6	1.1	319.6	319.8	0.1	1.0	11.0	50.0
20.3	54.8	5085.2	550.0	-2.8	-51.7	269.4	7.6	7.6	0.1	320.8	321.0	0.1	1.0	11.5	51.0
21.3	57.9	5455.7	525.0	-5.0	-53.1	266.5	7.4	7.4	0.5	323.4	322.6	0.1	1.0	11.9	53.0
22.7	61.1	5836.6	500.0	-8.2	-55.1	262.9	7.4	7.3	0.9	323.1	323.2	0.0	1.0	12.4	55.0
24.2	64.4	6232.0	475.0	-10.6	-56.7	255.5	11.4	11.0	2.9	324.8	324.9	0.0	1.0	13.1	56.0
26.0	67.8	6647.8	450.0	-11.0	-56.9	257.1	19.0	18.5	4.2	329.4	329.5	0.0	1.0	14.6	59.0
27.4	71.3	7087.2	425.0	-12.5	-57.9	261.8	23.7	23.4	6.0	332.9	333.0	0.0	1.0	17.0	61.0
29.3	74.9	7566.7	400.0	-14.5	-59.1	268.3	26.1	26.1	0.8	336.1	336.3	0.0	1.0	19.0	64.0
31.3	78.7	8032.5	375.0	-18.2	-61.5	275.6	24.7	24.6	-2.4	337.5	337.6	0.0	1.0	21.9	67.0
33.1	82.7	8521.6	350.0	-23.3	-64.8	276.2	23.4	23.4	-1.9	337.4	337.5	0.0	1.0	24.3	71.0
35.0	86.4	9000.3	325.0	-27.4	-67.5	267.4	23.0	25.0	1.1	338.9	338.9	0.0	1.0	27.2	73.0
37.2	90.6	9450.5	300.0	-32.5	-70.8	265.5	23.7	23.6	1.9	339.5	339.6	0.0	1.0	30.3	74.0
39.4	95.0	10256.2	275.0	-38.3	-74.7	265.9	23.8	25.7	1.8	339.7	339.6	0.0	1.0	33.3	75.0
41.7	99.4	10907.2	250.0	-42.1	-79.9	270.8	29.7	28.7	-0.4	343.6	339.9	99.9	999.9	37.1	76.0
44.1	104.6	11611.9	225.0	-47.6	-90.9	275.8	26.2	26.1	-2.6	345.5	309.9	99.9	999.9	41.2	78.0
46.7	110.0	12350.7	200.0	-53.0	-96.9	282.0	23.3	23.8	-3.0	348.8	309.9	99.9	999.9	44.6	80.0
49.7	116.0	13288.2	175.0	-59.8	-99.9	275.3	22.7	22.6	-2.1	351.2	309.9	99.9	999.9	48.4	81.0
52.9	122.3	14174.6	150.0	-67.8	-99.9	281.1	21.6	21.2	-1.9	353.3	309.9	99.9	999.9	52.0	83.0
56.3	129.3	15253.4	125.0	-74.0	-99.9	275.8	18.7	18.6	-1.9	361.0	309.9	99.9	999.9	56.8	84.0
60.3	137.0	16564.3	100.0	-75.4	-99.9	289.5	6.4	6.1	-2.1	381.7	309.9	99.9	999.9	59.7	85.0
65.6	146.0	18250.1	75.0	-87.9	-99.9	225.1	5.2	3.7	3.6	431.5	309.9	99.9	999.9	59.9	85.0
73.0	155.7	20743.0	50.0	-80.1	-99.9	106.2	6.5	-6.2	1.8	502.0	309.9	99.9	999.9	50.2	87.0
85.5	165.7	25182.6	25.0	-51.3	-99.9	999.9	99.9	99.9	99.9	637.4	309.9	99.9	999.9	50.1	82.0

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0.1 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 28
 ADA, OKLAHOMA
 7 JUNE 1979
 1650 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DU	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0-0	9-6	312.0	968.3	29.0	22.0	130.0	10.2	-3.5	9.4	305.0	352.0	17.5	06.0	0.0	0.
00-0	90-9	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
00-0	99-9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
0-7	11-2	491.0	950.0	24.7	18.6	190.3	15.4	2.9	16.2	302.3	340.8	14.4	69.0	0.6	6.
1-0	13-5	714.6	925.0	22.1	17.4	193.1	17.4	3.9	16.9	301.9	338.6	13.7	74.7	1.6	9.
2-7	16-0	952.5	902.0	19.9	18.1	201.4	17.9	6.5	16.4	302.0	341.4	14.8	84.6	2.7	12.
3-7	18.4	1196.0	875.0	19.2	15.2	216.8	18.0	10.6	15.4	303.0	337.7	12.5	77.3	3.0	16.
4-6	20.8	1460.3	850.0	21.3	9.6	229.1	19.1	14.4	12.5	308.5	332.2	6.8	47.2	4.7	23.
5-5	23.2	1704.6	825.0	20.1	7.0	226.6	20.2	15.1	13.4	309.9	331.8	7.7	42.6	5.6	27.
6-3	25.7	1909.2	800.0	18.3	5.3	226.4	19.6	14.2	13.5	310.6	330.8	7.0	42.5	6.5	30.
7-2	28.2	2290.2	775.0	15.9	3.9	226.4	17.8	12.9	12.2	310.8	329.7	6.6	45.1	7.5	32.
8-3	30.4	2517.4	750.0	13.2	2.2	223.7	16.5	11.4	11.9	310.9	328.3	6.0	47.1	8.6	34.
9-5	33.4	2801.6	725.0	10.8	1.0	220.1	13.4	8.7	10.4	311.4	328.0	5.7	50.2	9.0	35.
10-8	36.1	3303.5	700.0	8.9	2.1	228.7	10.4	7.3	7.4	312.3	330.8	6.4	62.3	10.7	35.
12-0	38.9	3303.6	675.0	6.4	0.3	238.3	7.5	6.4	6.0	312.8	329.8	5.8	65.1	11.3	36.
13-2	41.6	3702.6	650.0	4.6	-0.6	248.3	6.5	6.0	2.4	314.2	323.6	3.1	37.6	11.7	37.
14-4	44.2	4202.7	625.0	2.1	-10.4	262.1	7.3	7.2	1.0	314.8	323.3	2.7	38.5	12.1	39.
15-5	47.0	4349.0	600.0	-0.2	-14.4	259.5	8.0	7.9	1.6	315.9	322.5	2.1	33.1	12.4	40.
16-8	50.0	4648.7	575.0	-1.1	-31.6	249.1	7.4	6.9	2.7	318.7	320.3	0.5	7.6	13.0	42.
18-3	53.0	5081.7	550.0	-3.5	-27.2	253.3	7.1	6.6	1.8	319.9	322.5	0.7	13.9	13.4	43.
19-2	56.3	5407.1	525.0	-6.3	-29.2	247.0	6.9	6.9	0.4	320.9	323.1	3.4	14.1	13.8	44.
20-6	59.1	5787.3	500.0	-8.0	-29.1	261.8	6.7	6.6	1.0	323.3	325.7	0.7	16.4	14.2	45.
21-9	62.4	6183.9	475.0	-10.8	-27.5	250.4	7.6	7.2	2.6	324.7	327.5	0.8	23.6	14.8	47.
23-4	65.7	6597.5	450.0	-13.4	-30.4	252.0	7.4	7.0	2.3	326.4	328.7	0.7	22.4	15.4	48.
25-0	69.0	7010.1	425.0	-16.2	-34.9	236.8	8.1	6.8	4.5	328.2	329.9	0.5	17.9	16.0	49.
26-4	72.7	7444.2	400.0	-19.6	-42.1	234.2	11.5	9.9	5.9	330.3	331.1	0.2	10.9	16.9	49.
28-2	76.3	7981.4	375.0	-22.3	-45.3	247.3	17.6	16.2	6.8	332.1	332.8	0.2	10.2	16.2	50.
30-0	80.1	8465.7	350.0	-24.1	-47.0	249.4	23.7	24.0	9.0	336.2	336.8	0.2	10.0	20.4	52.
31-6	84.2	9004.6	325.0	-26.1	-48.8	251.3	32.1	30.4	10.3	340.7	341.3	0.1	9.6	23.4	54.
33-5	88.2	9574.1	300.0	-30.4	-52.3	259.0	35.4	34.8	6.8	342.6	343.0	0.1	9.6	26.7	57.
35-3	92.7	10191.0	275.0	-35.8	-55.6	260.2	41.3	40.7	7.0	343.3	343.6	0.1	11.0	30.5	62.
37-0	97.3	10850.6	250.0	-41.5	-64.9	259.2	44.1	43.3	8.3	344.4	344.9	99.9	999.9	34.0	63.
39-0	102.2	11553.3	225.0	-45.8	-69.9	253.8	60.4	44.5	12.9	348.3	349.9	99.9	999.9	40.0	64.
41-1	107.4	12376.6	200.0	-52.3	-69.9	248.1	43.5	40.6	16.2	350.0	349.9	99.9	999.9	45.8	65.
43-6	113.7	13177.3	175.0	-59.2	-69.9	249.1	46.2	43.1	18.5	352.3	349.9	99.9	999.9	52.3	66.
46-2	119.7	14127.4	150.0	-65.6	-69.9	253.5	47.0	37.8	11.2	357.2	349.9	99.9	999.9	59.2	66.
48-9	126.7	15225.9	125.0	-69.4	-69.9	251.2	26.3	24.9	8.5	369.3	349.9	99.9	999.9	65.3	67.
52.3	134.3	16554.2	100.0	-70.0	-69.9	99.9	99.9	99.9	99.9	392.5	349.9	99.9	999.9	999.9	999.9
99-9	90.0	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	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. 28
 FT-SILL, OKLAHOMA
 7 JUNE 1979
 2020 GRT

107 103. 0

TIME MIN	CHTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V LUMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.0	918.0	960.7	33.8	18.4	190.0	5.1	0.9	5.0	310.2	309.2	14.1	41.0	0.0	0.
00.0	00.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0	999.0
00.0	00.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.0	999.0
0.4	11.0	514.2	950.0	31.4	21.0	192.0	11.2	3.0	12.9	309.3	307.6	17.7	56.4	0.3	10.
1.2	13.4	758.5	925.0	28.9	20.3	191.0	14.1	2.7	13.9	308.4	304.0	16.5	59.4	0.9	11.
1.9	15.8	1002.5	900.0	27.1	19.6	193.3	14.4	3.3	14.0	309.4	303.9	16.2	63.6	1.5	12.
2.6	18.3	1251.5	875.0	24.8	18.8	201.0	13.8	4.9	12.9	309.4	303.1	15.8	69.3	2.2	14.
3.5	20.8	1505.9	850.0	22.8	18.3	205.4	15.2	6.5	13.7	310.0	303.6	15.8	75.4	2.9	16.
4.2	23.3	1765.9	825.0	21.7	10.9	209.5	16.2	8.0	14.1	311.5	300.0	15.1	80.5	3.5	18.
4.9	25.8	2033.3	800.0	21.0	6.1	220.9	15.1	9.9	11.4	315.4	306.0	7.4	84.2	4.2	21.
5.4	26.4	2308.1	775.0	20.2	4.2	228.7	14.2	10.7	9.4	315.5	305.3	6.7	85.0	4.8	24.
6.7	31.0	2509.8	750.0	18.2	1.9	227.4	12.4	9.1	8.4	316.3	303.7	5.9	83.5	5.3	29.
7.8	33.7	2878.9	725.0	15.6	0.2	227.0	12.5	9.1	8.3	316.6	302.6	5.4	80.8	6.3	33.
8.8	36.3	3175.3	700.0	13.0	-1.0	229.1	11.4	8.0	7.6	316.9	302.2	5.1	78.0	7.0	32.
9.9	39.1	3474.5	675.0	10.2	0.1	228.9	10.4	7.9	7.0	317.1	301.1	5.7	74.5	7.7	34.
11.0	41.9	3772.3	650.0	7.9	-4.1	235.4	8.4	7.1	6.9	317.9	301.1	6.4	72.5	8.3	35.
12.1	44.8	4114.4	625.0	5.0	-8.9	247.1	7.7	7.0	3.0	318.2	309.4	3.7	71.7	8.9	35.
13.2	47.6	4466.3	600.0	2.4	-9.9	260.5	8.0	7.9	1.3	319.0	328.3	3.0	70.4	9.2	39.
14.4	50.6	4790.5	575.0	-0.3	-15.5	267.8	8.0	8.0	0.3	319.6	326.0	2.8	70.8	9.6	41.
15.4	53.6	5142.6	550.0	-2.0	-22.7	246.0	7.1	6.5	2.6	321.8	325.5	1.1	68.6	10.0	43.
16.9	56.6	5511.3	525.0	-3.9	-27.0	226.9	7.1	5.2	4.8	323.8	324.5	0.8	64.5	10.5	43.
18.2	59.9	5894.2	500.0	-6.8	-26.8	229.9	7.0	5.4	4.5	325.0	327.9	0.8	61.1	11.1	44.
19.4	63.1	6293.2	475.0	-8.5	-25.9	231.4	7.5	5.9	4.7	327.5	339.8	1.0	58.9	11.7	44.
21.0	66.4	6710.7	450.0	-11.1	-32.1	229.5	8.6	6.6	5.6	329.3	3.4	0.6	55.6	12.3	44.
22.4	69.9	7137.0	425.0	-13.9	-33.7	241.4	9.3	8.2	4.5	331.2	333.1	0.5	52.8	13.2	45.
24.2	73.4	7400.4	400.0	-17.5	-35.2	237.6	16.3	13.0	0.8	332.3	334.0	0.5	49.5	14.1	46.
25.7	77.1	8085.4	375.0	-20.3	-38.2	236.0	26.6	22.0	14.9	334.7	336.1	0.4	46.2	16.1	47.
27.4	80.9	8596.5	350.0	-23.7	-41.1	240.7	30.7	26.8	15.0	340.9	342.1	0.3	44.0	19.2	49.
29.2	84.8	9139.7	325.0	-25.6	-43.4	247.6	34.0	31.5	12.9	341.4	342.4	0.2	41.9	22.6	51.
31.2	88.0	9716.4	300.0	-19.4	-46.9	247.7	35.0	33.2	13.6	342.1	342.8	0.2	40.7	26.6	54.
33.1	93.2	10325.9	275.0	-35.4	-50.2	243.2	38.0	33.9	17.2	344.0	344.5	0.1	40.0	30.7	56.
35.4	97.8	10934.4	250.0	-39.0	-53.2	244.2	38.1	34.3	16.6	348.1	348.5	0.1	40.3	36.1	57.
37.3	102.6	11697.4	225.0	-45.3	-59.9	249.9	42.5	36.8	21.3	349.1	349.9	0.0	40.9	40.4	57.
39.4	108.0	12472.4	200.0	-51.5	-69.9	259.9	99.9	99.9	99.9	351.3	349.9	99.9	99.9	45.7	58.
41.3	113.6	13327.4	175.0	-58.6	-99.9	999.9	99.9	99.9	99.9	354.3	349.9	99.9	99.9	999.0	999.0
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	999.0	999.0
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	999.0	999.0
99.9	99.9	99.9	100.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.0
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	999.0
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	999.0	999.0
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	999.0	999.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 20
 FT-SILL, OLLANDRIA
 7 JUNE 1979
 2305 GMT

TIME MIN	CHKT	WGTHT GPM	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	HR RTO GM/NG	RH PCT	RANGE K	AZ DG
0.0	9.9	418.0	981.0	34.8	21.5	99.9	99.9	99.9	99.9	311.2	358.5	17.8	47.8	999.9	999.9
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
0.3	10.9	522.7	950.0	33.1	21.3	99.9	99.9	99.9	99.9	310.8	360.7	18.1	51.2	999.9	999.9
1.1	13.3	763.6	925.0	30.8	21.0	99.9	99.9	99.9	99.9	310.8	358.3	17.2	58.1	999.9	999.9
1.6	15.7	1008.9	900.0	28.5	18.4	999.9	99.9	99.9	99.9	310.9	353.2	16.0	58.0	999.9	999.9
2.6	18.2	1259.2	875.0	26.1	18.5	999.9	99.9	99.9	99.9	310.9	353.8	15.5	62.9	999.9	999.9
3.4	20.6	1514.5	850.0	23.6	17.7	999.9	99.9	99.9	99.9	310.9	353.3	15.3	69.9	999.9	999.9
4.2	23.1	1774.3	825.0	21.3	16.7	999.9	99.9	99.9	99.9	311.2	352.1	14.7	75.1	999.9	999.9
5.0	25.4	2041.9	800.0	19.4	15.9	999.9	99.9	99.9	99.9	311.8	347.1	12.6	79.5	999.9	999.9
5.9	28.2	2315.2	775.0	18.4	8.1	999.9	99.9	99.9	99.9	313.6	339.1	8.9	81.3	999.9	999.9
6.8	30.9	2596.0	750.0	17.7	2.5	999.9	99.9	99.9	99.9	315.8	332.9	6.1	82.2	999.9	999.9
7.9	33.5	2885.1	725.0	15.7	2.0	999.9	99.9	99.9	99.9	316.7	330.8	6.1	83.7	999.9	999.9
9.1	36.2	3181.9	700.0	12.3	1.2	999.9	99.9	99.9	99.9	317.3	330.0	6.0	83.4	999.9	999.9
10.3	38.9	3467.0	675.0	11.6	-3.2	999.9	99.9	99.9	99.9	318.6	332.3	4.5	85.5	999.9	999.9
11.5	41.8	3801.0	650.0	8.0	-8.5	999.9	99.9	99.9	99.9	318.9	331.8	4.2	86.6	999.9	999.9
12.6	44.6	4124.2	625.0	5.9	-31.1	999.9	99.9	99.9	99.9	319.2	331.0	4.9	82.1	999.9	999.9
13.8	47.5	4458.8	600.0	2.7	-50.0	999.9	99.9	99.9	99.9	319.2	332.6	4.4	86.7	999.9	999.9
15.9	50.5	4799.4	575.0	-0.4	-13.9	999.9	99.9	99.9	99.9	319.5	327.3	2.5	88.3	999.9	999.9
18.1	53.5	5154.5	550.0	-1.4	-25.1	999.9	99.9	99.9	99.9	322.5	323.5	0.9	10.3	999.9	999.9
17.4	54.6	5523.0	525.0	-4.4	-23.0	999.9	99.9	99.9	99.9	323.2	327.0	1.1	21.7	999.9	999.9
18.7	55.9	5905.2	500.0	-6.5	-27.2	999.9	99.9	99.9	99.9	325.2	328.0	0.8	17.4	999.9	999.9
19.9	63.1	6304.8	475.0	-8.0	-32.3	999.9	99.9	99.9	99.9	328.0	329.9	0.5	12.0	999.9	999.9
21.3	66.4	6723.7	450.0	-10.0	-35.1	999.9	99.9	99.9	99.9	330.7	332.4	0.5	11.8	999.9	999.9
22.7	70.3	7161.3	425.0	-13.2	-37.3	999.9	99.9	99.9	99.9	332.0	333.4	0.4	11.0	999.9	999.9
24.3	73.5	7611.2	400.0	-15.2	-40.0	999.9	99.9	99.9	99.9	335.2	336.3	0.3	9.9	999.9	999.9
25.9	77.2	8137.0	375.0	-17.6	-41.8	999.9	99.9	99.9	99.9	338.3	339.3	0.3	10.0	999.9	999.9
27.4	81.0	8619.1	350.0	-21.7	-43.8	999.9	99.9	99.9	99.9	339.6	340.4	0.2	11.4	999.9	999.9
29.0	85.0	9154.5	325.0	-26.3	-45.8	999.9	99.9	99.9	99.9	340.4	341.2	0.2	13.9	999.9	999.9
30.8	89.2	9732.5	300.0	-31.4	-48.8	999.9	99.9	99.9	99.9	341.1	341.7	0.1	15.9	999.9	999.9
32.6	93.6	10358.0	275.0	-36.9	-51.9	999.9	99.9	99.9	99.9	341.9	341.7	0.1	17.9	999.9	999.9
34.4	98.0	11034.0	250.0	-42.0	-55.0	999.9	99.9	99.9	99.9	342.8	341.7	0.1	19.9	999.9	999.9
36.2	102.4	11761.0	225.0	-47.1	-58.1	999.9	99.9	99.9	99.9	343.7	341.7	0.1	21.9	999.9	999.9
38.0	106.8	12538.0	200.0	-52.2	-61.2	999.9	99.9	99.9	99.9	344.6	341.7	0.1	23.9	999.9	999.9
39.8	111.2	13365.0	175.0	-57.3	-64.3	999.9	99.9	99.9	99.9	345.5	341.7	0.1	25.9	999.9	999.9
41.6	115.6	14242.0	150.0	-62.4	-67.4	999.9	99.9	99.9	99.9	346.4	341.7	0.1	27.9	999.9	999.9
43.4	120.0	15169.0	125.0	-67.5	-70.5	999.9	99.9	99.9	99.9	347.3	341.7	0.1	29.9	999.9	999.9
45.2	124.4	16146.0	100.0	-72.6	-73.6	999.9	99.9	99.9	99.9	348.2	341.7	0.1	31.9	999.9	999.9
47.0	128.8	17173.0	75.0	-77.7	-76.7	999.9	99.9	99.9	99.9	349.1	341.7	0.1	33.9	999.9	999.9
48.8	133.2	18250.0	50.0	-82.8	-79.8	999.9	99.9	99.9	99.9	350.0	341.7	0.1	35.9	999.9	999.9
50.6	137.6	19377.0	25.0	-87.9	-82.9	999.9	99.9	99.9	99.9	350.9	341.7	0.1	37.9	999.9	999.9
52.4	142.0	20554.0	0.0	-93.0	-86.0	999.9	99.9	99.9	99.9	351.8	341.7	0.1	39.9	999.9	999.9
54.2	146.4	21781.0	0.0	-98.1	-89.1	999.9	99.9	99.9	99.9	352.7	341.7	0.1	41.9	999.9	999.9
56.0	150.8	23058.0	0.0	-103.2	-92.2	999.9	99.9	99.9	99.9	353.6	341.7	0.1	43.9	999.9	999.9
57.8	155.2	24385.0	0.0	-108.3	-95.3	999.9	99.9	99.9	99.9	354.5	341.7	0.1	45.9	999.9	999.9
59.6	159.6	25762.0	0.0	-113.4	-98.4	999.9	99.9	99.9	99.9	355.4	341.7	0.1	47.9	999.9	999.9
61.4	164.0	27189.0	0.0	-118.5	-101.5	999.9	99.9	99.9	99.9	356.3	341.7	0.1	49.9	999.9	999.9
63.2	168.4	28666.0	0.0	-123.6	-104.6	999.9	99.9	99.9	99.9	357.2	341.7	0.1	51.9	999.9	999.9
65.0	172.8	30193.0	0.0	-128.7	-107.7	999.9	99.9	99.9	99.9	358.1	341.7	0.1	53.9	999.9	999.9
66.8	177.2	31770.0	0.0	-133.8	-110.8	999.9	99.9	99.9	99.9	359.0	341.7	0.1	55.9	999.9	999.9
68.6	181.6	33397.0	0.0	-138.9	-113.9	999.9	99.9	99.9	99.9	360.0	341.7	0.1	57.9	999.9	999.9
70.4	186.0	35074.0	0.0	-144.0	-117.0	999.9	99.9	99.9	99.9	360.9	341.7	0.1	59.9	999.9	999.9
72.2	190.4	36801.0	0.0	-149.1	-120.1	999.9	99.9	99.9	99.9	361.8	341.7	0.1	61.9	999.9	999.9
74.0	194.8	38578.0	0.0	-154.2	-123.2	999.9	99.9	99.9	99.9	362.7	341.7	0.1	63.9	999.9	999.9
75.8	199.2	40405.0	0.0	-159.3	-126.3	999.9	99.9	99.9	99.9	363.6	341.7	0.1	65.9	999.9	999.9
77.6	203.6	42282.0	0.0	-164.4	-129.4	999.9	99.9	99.9	99.9	364.5	341.7	0.1	67.9	999.9	999.9
79.4	208.0	44209.0	0.0	-169.5	-132.5	999.9	99.9	99.9	99.9	365.4	341.7	0.1	69.9	999.9	999.9
81.2	212.4	46186.0	0.0	-174.6	-135.6	999.9	99.9	99.9	99.9	366.3	341.7	0.1	71.9	999.9	999.9
83.0	216.8	48213.0	0.0	-179.7	-138.7	999.9	99.9	99.9	99.9	367.2	341.7	0.1	73.9	999.9	999.9
84.8	221.2	50290.0	0.0	-184.8	-141.8	999.9	99.9	99.9	99.9	368.1	341.7	0.1	75.9	999.9	999.9
86.6	225.6	52417.0	0.0	-189.9	-144.9	999.9	99.9	99.9	99.9	369.0	341.7	0.1	77.9	999.9	999.9
88.4	230.0	54594.0	0.0	-195.0	-148.0	999.9	99.9	99.9	99.9	370.0	341.7	0.1	79.9	999.9	999.9
90.2	234.4	56821.0	0.0	-200.1	-151.1	999.9	99.9	99.9	99.9	370.9	341.7	0.1	81.9	999.9	999.9
92.0	238.8	59098.0	0.0	-205.2	-154.2	999.9	99.9	99.9	99.9	371.8	341.7	0.1	83.9	999.9	999.9
93.8	243.2	61425.0	0.0	-210.3	-157.3	999.9	99.9	99.9	99.9	372.7	341.7	0.1	85.9	999.9	999.9
95.6	247.6	63802.0	0.0	-215.4	-160.4	999.9	99.9	99.9	99.9	373.6	341.7	0.1	87.9	999.9	999.9
97.4	252.0	66229.0	0.0	-220.5	-163.5	999.9	99.9	99.9	99.9	374.5	341.7	0.1	89.9	999.9	999.9
99.2	256.4	68706.0	0.0	-225.6	-166.6	999.9	99.9	99.9	99.9	375.4	341.7	0.1	91.9	999.9	999.9
101.0	260.8	71233.0	0.0	-230.7	-169.7	999.9	99.9	99.9	99.9	376.3	341.7	0.1	93.9	999.9	999.9
102.8	265.2	73810.0	0.0	-235.8	-172.8	999.9	99.9	99.9	99.9	377.2	341.7	0.1	95.9	999.9	999.9
104.6	269.6	76437.0	0.0	-240.9	-175.9	999.9	99.9	99.9	99.9	378.1	341.7	0.1	97.9	999.9	999.9
106.4	274.0	79114.0	0.0	-246.0	-179.0	999.9	99.9	99.9	99.9	379.0	341.7	0.1	99.9	999.9	999.9
108.2	278.4	81841.0	0.0	-251.1	-182.1	999.9	99.9	99.9	99.9	380.0	341.7	0.1	101.9	999.9	999.9
110.0	282.8	84618.0	0.0	-256.2	-185.2	999.9	99.9	99.9	99.9	380.9	341.7	0.1	103.9	999.9	999.9
111.8	287.2	87445.0	0.0	-261.3	-188.3	999.9	99.9	99.9	99.9	381.8	341.7	0.1	105.9	999.9	999.9
113.6	291.6	90322.0	0.0	-266.4	-191.4	999.9	99.9	99.9	99.9	382.7	341.7	0.1	107.9	999.9	999.9
115.4	296.0	93249.0	0.0	-271.5	-194.5	999.9	99.9	99.9	99.9	383.6					

STATION NO. 29
GAGE, DELAWARE
7 JUNE 1978
1106 GMT

TIME MIN	CHCT	HEIGHT GPH	PRES MB	TEMP DG C	DET PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	W R TO CM/KG	RM PCT	RANGE RM	AZ D3
00	13.5	978.0	819.4	19.8	15.8	188.0	6.0	0.0	6.0	299.8	332.7	18.4	79.0	0.0	0.0
00.9	06.9	978.0	819.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	06.9	978.0	819.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	06.9	978.0	819.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	06.9	978.0	819.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
07	17.9	978.0	819.4	20.5	15.3	194.4	25.2	6.3	24.5	302.6	335.6	18.2	72.2	0.5	352.
14	17.9	978.0	819.4	23.8	13.3	207.9	22.4	10.5	19.8	308.6	339.3	11.0	51.8	1.5	13.
20.3	20.3	978.0	819.4	25.1	10.6	209.3	18.8	9.2	18.4	312.4	339.5	9.5	40.1	2.5	23.
3.1	22.6	978.0	819.4	25.8	7.9	213.2	17.9	9.8	15.0	315.9	339.6	8.2	32.0	3.5	23.
4.1	25.3	978.0	819.4	23.7	6.5	221.0	17.3	11.4	13.1	316.4	338.7	7.6	33.1	4.5	26.
5.0	27.8	978.0	819.4	21.8	4.7	227.0	13.4	9.9	9.0	317.2	337.7	6.9	32.7	5.4	24.
6.0	30.3	978.0	819.4	19.0	3.6	241.5	9.5	7.5	6.1	317.2	337.1	6.7	36.5	5.9	31.
7.0	32.9	978.0	819.4	16.4	2.8	245.3	9.7	8.8	4.1	317.6	336.9	6.5	39.8	6.3	34.
7.9	35.6	978.0	819.4	13.7	1.2	248.9	9.0	8.2	3.8	317.6	335.4	6.0	42.5	6.8	34.
8.9	38.2	978.0	819.4	10.7	-1.1	249.2	7.7	7.0	3.2	317.6	333.3	5.2	43.8	7.2	35.
9.9	41.0	978.0	819.4	8.0	-3.4	243.5	6.0	6.0	0.7	318.0	331.9	4.6	46.5	7.6	40.
10.8	43.8	978.0	819.4	5.2	-6.3	240.8	6.8	6.7	-1.7	318.4	330.2	3.8	43.2	7.8	42.
11.9	46.6	978.0	819.4	2.2	-9.3	248.5	6.7	5.9	-3.2	318.7	331.4	4.2	55.4	8.0	45.
13.1	49.6	978.0	819.4	-0.7	-7.8	246.5	6.1	5.8	-1.9	319.2	330.6	3.7	58.6	8.1	48.
14.2	52.5	978.0	819.4	-4.0	-10.0	254.6	6.4	6.3	1.5	319.4	329.5	3.2	62.5	8.4	50.
15.4	55.5	978.0	819.4	-5.2	-21.5	239.7	6.3	7.2	4.2	322.2	326.5	1.3	28.3	8.9	51.
16.6	58.6	978.0	819.4	-7.3	-23.3	243.6	8.6	7.7	3.8	324.2	328.1	1.2	26.7	9.4	51.
18.0	61.9	978.0	819.4	-9.3	-35.5	257.2	7.4	7.2	1.6	326.5	327.0	0.4	9.6	10.2	52.
19.4	65.1	978.0	819.4	-13.0	-36.6	258.1	7.4	7.2	1.5	327.0	328.3	0.4	11.7	10.7	54.
20.9	68.5	978.0	819.4	-16.5	-39.5	243.9	8.2	7.4	3.6	327.0	328.9	0.3	11.6	11.4	55.
22.3	72.3	978.0	819.4	-20.5	-40.4	240.8	18.0	8.8	5.1	328.4	329.4	0.3	14.8	12.2	55.
24.3	75.6	978.0	819.4	-23.4	-40.3	238.2	11.7	9.9	6.1	330.3	331.4	0.3	19.8	13.4	56.
26.1	79.3	978.0	819.4	-27.4	-36.9	238.2	13.1	11.2	6.8	331.8	333.2	0.4	32.4	14.7	56.
28.1	83.2	978.0	819.4	-31.0	-44.4	233.4	14.0	11.3	8.3	334.0	334.0	0.2	25.1	16.4	56.
30.2	87.3	978.0	819.4	-35.6	-44.9	216.0	13.8	8.2	11.0	335.2	335.7	0.1	21.2	18.1	55.
32.4	91.6	978.0	819.4	-39.8	99.9	208.8	21.1	10.2	18.5	337.6	999.9	99.9	999.9	20.1	52.
34.6	96.1	978.0	819.4	-43.8	99.9	211.3	22.2	11.5	19.0	341.0	999.9	99.9	999.9	23.1	50.
37.1	100.8	978.0	819.4	-47.3	99.9	215.7	26.6	15.5	21.6	348.1	999.9	99.9	999.9	26.3	47.
39.3	106.0	978.0	819.4	-53.2	99.9	217.7	33.4	21.0	27.2	348.5	999.9	99.9	999.9	30.4	46.
42.9	111.6	978.0	819.4	-57.5	99.9	213.5	52.2	28.8	43.6	355.0	999.9	99.9	999.9	37.2	44.
45.9	117.8	978.0	819.4	-63.1	99.9	213.2	40.3	22.0	33.7	361.4	999.9	99.9	999.9	46.6	47.
48.2	124.3	978.0	819.4	-65.3	99.9	212.5	24.6	18.2	23.1	376.8	999.9	99.9	999.9	53.6	41.
50.2	132.0	978.0	819.4	-65.8	99.9	999.9	99.9	99.9	99.9	400.6	999.9	99.9	999.9	57.8	40.
54.9	149.9	978.0	819.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
56.9	161.9	978.0	819.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	171.9	978.0	819.4	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA
7 JUNE 1979
1405 GMT

126 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT Y DG K	E POT Y DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.1	478.0	922.8	23.3	17.3	250.8	3.0	2.8	1.0	303.4	340.1	13.6	69.0	0.0	0.
00.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	16.5	893.2	900.0	21.1	14.6	213.9	8.0	4.5	5.6	303.2	335.0	11.7	66.4	0.3	11.
1.3	19.0	1137.5	875.0	21.1	13.2	249.2	6.8	6.4	2.4	305.7	335.9	11.0	60.7	0.7	37.
2.3	21.5	1384.9	850.0	20.4	12.9	247.1	4.0	4.0	0.2	307.8	338.5	11.1	61.1	0.6	47.
3.2	24.0	1643.0	825.0	22.2	12.1	225.3	6.1	4.3	4.3	312.1	342.6	10.8	52.7	1.0	48.
4.0	26.7	1910.9	800.0	23.7	7.8	214.9	8.2	4.7	6.8	316.4	340.7	8.3	36.0	1.4	46.
6.8	29.3	2193.5	775.0	21.9	5.4	203.3	10.2	4.0	9.4	317.3	338.8	7.3	36.1	1.8	42.
5.6	31.9	2477.1	750.0	20.3	3.7	198.3	12.8	4.0	12.1	318.6	338.5	6.7	33.6	2.3	37.
6.4	34.6	2769.3	725.0	17.7	2.6	195.3	12.0	3.2	11.6	318.6	337.9	6.4	36.6	2.9	32.
7.4	37.3	3067.1	700.0	15.9	2.0	154.7	8.5	2.4	8.1	319.1	338.0	6.3	41.5	3.5	29.
8.3	40.1	3373.7	675.0	12.6	0.8	203.7	9.4	3.8	8.6	319.7	337.9	6.0	44.4	4.0	28.
9.3	42.9	3689.1	650.0	9.7	-1.7	205.6	9.7	4.2	8.7	319.9	337.7	5.2	48.9	4.6	28.
10.6	45.8	4013.1	625.0	6.4	-2.8	203.1	9.4	3.7	8.6	319.8	338.9	5.0	51.8	5.3	27.
11.7	48.8	4346.3	600.0	3.1	-4.1	197.4	8.3	2.5	7.9	319.7	338.0	4.7	55.1	5.8	27.
12.8	51.8	4689.7	575.0	0.1	-7.8	194.0	7.3	2.0	7.0	320.1	331.6	3.7	55.5	6.3	26.
13.9	54.8	5044.0	550.0	-3.6	-11.1	208.7	7.4	3.6	6.4	319.9	329.2	3.0	55.8	6.8	25.
15.1	57.9	5410.3	525.0	-8.3	-15.1	219.6	9.0	5.6	4.9	322.1	327.4	1.6	32.6	7.4	26.
16.3	61.1	5791.5	500.0	-7.9	-23.1	217.9	10.1	6.2	3.0	323.4	327.4	1.2	28.1	8.1	28.
17.6	64.3	6189.0	475.0	-9.9	-24.3	204.7	10.2	4.3	2.0	325.8	329.6	1.1	29.5	8.9	29.
19.2	67.6	6604.0	450.0	-12.3	-29.4	203.4	9.5	3.8	8.7	327.5	330.1	0.7	22.8	9.8	27.
20.8	71.1	7037.8	425.0	-16.0	-32.9	209.6	10.8	5.3	9.4	328.4	330.4	0.6	21.6	10.7	27.
22.4	74.7	7491.3	400.0	-19.8	-36.2	216.2	12.9	7.6	10.4	329.3	330.8	0.4	21.6	11.9	28.
24.0	78.3	7968.1	375.0	-23.4	-39.6	228.0	13.8	10.2	9.2	331.9	333.7	0.5	29.0	13.1	29.
25.8	82.2	8470.7	350.0	-26.4	-40.8	230.2	14.2	10.9	9.1	333.1	334.3	0.3	24.1	14.5	31.
27.4	86.2	9002.2	325.0	-30.0	-43.6	221.6	13.9	9.2	10.4	335.3	336.2	0.2	24.9	16.0	33.
29.3	90.3	9566.4	300.0	-34.8	-47.8	213.2	13.2	8.3	12.7	336.3	336.9	0.2	24.9	17.5	33.
31.3	94.8	10167.7	275.0	-39.8	99.9	213.7	19.2	10.7	16.0	337.4	999.9	99.9	99.9	19.4	33.
33.3	99.4	10814.0	250.0	-42.8	99.9	214.9	32.7	18.7	26.8	342.4	999.9	99.9	99.9	22.4	33.
35.6	104.3	11520.6	225.0	-48.0	99.9	213.3	42.0	23.1	35.1	348.0	999.9	99.9	99.9	27.8	33.
38.0	109.8	12294.8	200.0	-51.2	99.9	211.6	51.3	26.9	43.7	351.7	999.9	99.9	99.9	34.3	33.
40.3	115.3	13151.2	175.0	-57.1	99.9	212.7	66.1	35.7	55.6	355.7	999.9	99.9	99.9	42.8	33.
43.3	121.5	14113.0	150.0	-62.9	99.9	213.9	85.4	30.9	46.0	361.8	999.9	99.9	99.9	54.4	33.
46.6	128.7	15231.1	125.0	-68.9	99.9	214.2	32.3	18.2	26.7	377.4	999.9	99.9	99.9	62.8	37.
50.2	136.7	16584.5	100.0	-68.3	99.9	999.9	99.9	99.9	99.9	399.7	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	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

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

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 29
SAGE, DALLAMONA

7 JUNE 1979
1705 GMT

112 133. 0

TIME MIN	CMTCY	WFLGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX ATD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	13.6	678.0	923.7	29.8	15.1	330.0	3.0	1.5	-2.6	309.9	342.9	11.0	41.0	0.0	0.
00.0	04.0	99.0	1000.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
00.0	09.0	09.0	975.6	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
00.0	09.0	09.0	950.6	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
00.0	09.0	09.0	925.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0
0.6	16.1	908.7	900.0	23.1	17.0	329.3	3.3	1.7	-2.9	307.3	344.0	13.7	60.0	0.2	132.
1.1	16.3	1155.2	875.0	21.8	14.9	314.1	2.6	1.9	-1.8	306.4	340.1	12.3	64.0	0.3	137.
1.7	21.0	1406.6	850.0	19.6	14.9	322.7	1.8	1.1	-1.4	306.7	341.4	12.7	74.3	0.4	132.
2.6	23.5	1643.3	825.0	17.9	11.9	246.7	.1	2.0	0.8	307.5	337.5	10.8	89.0	0.4	143.
3.5	26.0	1929.3	800.0	23.6	1.5	200.4	7.7	2.7	7.2	316.3	332.2	5.3	23.3	0.3	119.
4.5	28.6	2203.4	775.0	22.0	0.1	195.6	10.8	2.9	10.4	317.4	332.5	5.8	23.4	0.7	52.
5.3	31.2	2488.6	750.0	17.9	-0.7	191.0	12.0	2.3	11.8	318.2	332.9	4.9	25.0	1.3	31.
6.0	33.9	2778.9	725.0	17.1	-2.3	166.8	12.8	1.5	12.7	319.3	331.8	4.5	26.3	2.3	21.
7.5	36.6	3076.7	700.0	14.4	-3.1	165.9	13.5	1.4	13.5	318.4	331.7	4.4	29.8	2.8	15.
8.6	34.3	3362.4	675.0	12.1	-3.9	183.8	13.1	0.9	13.0	319.2	332.1	4.2	32.5	3.7	15.
9.8	42.1	3697.1	650.0	9.4	-3.2	185.3	11.9	1.1	11.8	319.6	333.8	4.7	40.8	4.5	13.
11.0	45.0	4020.8	625.0	6.5	-5.7	191.1	13.1	2.5	12.9	319.9	332.2	4.0	41.4	5.4	12.
12.3	47.9	4354.1	600.0	3.4	-8.0	195.4	13.6	3.6	13.1	320.0	330.8	3.5	43.0	6.5	12.
13.6	50.9	4697.5	575.0	0.1	-9.9	194.4	13.0	3.2	12.5	320.1	329.8	3.1	46.9	7.5	13.
15.8	53.9	5051.8	550.0	-2.9	-13.5	199.0	12.2	4.0	11.5	320.6	328.4	2.4	43.7	8.5	13.
18.3	56.9	5418.6	525.0	-5.8	-17.0	202.3	10.4	3.9	9.4	321.5	327.7	1.9	40.6	9.4	14.
17.9	60.0	5800.3	500.0	-6.7	-25.9	205.8	11.7	5.1	10.3	322.4	326.1	0.9	19.9	10.4	15.
19.5	63.3	6199.2	475.0	-8.6	-30.9	204.1	11.2	4.6	10.2	327.3	329.4	0.6	14.4	11.6	16.
21.5	66.6	6615.8	450.0	-12.0	-32.2	203.2	9.7	3.8	8.9	328.1	330.1	0.6	16.7	12.7	17.
23.4	70.0	7059.8	425.0	-15.7	-35.4	206.2	12.2	5.4	10.9	328.9	330.4	0.4	18.4	13.9	17.
25.3	73.6	7503.8	400.0	-19.5	-38.3	205.7	13.4	5.8	12.0	329.7	330.9	0.3	17.0	15.4	18.
27.4	77.3	7979.5	375.0	-23.5	-41.7	208.1	13.6	6.4	12.6	330.5	331.4	0.3	16.8	17.1	19.
29.5	81.0	8481.5	350.0	-26.4	-46.6	196.3	14.2	4.0	13.6	333.1	333.8	0.2	12.8	19.4	19.
31.9	85.0	9012.5	325.0	-30.4	-49.5	195.0	16.1	4.2	15.3	334.8	335.6	0.2	21.1	21.0	19.
34.6	89.2	9576.4	300.0	-35.0	-47.3	199.7	21.1	7.1	19.9	336.0	336.6	0.1	21.4	23.1	19.
36.9	93.8	10180.2	275.0	-37.4	-52.4	210.0	36.9	18.4	31.9	341.0	341.4	0.1	19.0	27.5	20.
38.4	98.0	10834.9	250.0	-39.5	-56.3	212.3	62.1	33.2	52.5	347.4	347.7	0.1	14.5	35.5	21.
42.7	102.8	11546.6	225.0	-43.2	-69.9	212.2	65.7	37.1	58.9	349.3	349.9	0.0	99.9	47.8	23.
45.9	108.0	12324.1	200.0	-50.8	99.9	210.3	78.28	38.4	65.8	352.4	359.9	0.0	99.9	61.4	25.
49.4	113.5	13183.3	175.0	-56.7	99.9	209.0	64.88	41.1	74.2	356.3	359.9	0.0	99.9	79.2	27.
53.3	119.5	14144.7	150.0	-63.2	99.9	99.9	99.9	99.9	99.9	361.2	369.9	0.0	99.9	98.4	28.
59.9	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
00.0	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
00.0	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
00.0	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
00.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 29
GAGE, OKLAHOMA
7 JUNE 1979
2005 GMT

125 92. 0

TIME MIN	CONTCT	WEIGHT GPH	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DC K	MR RTO GM/KG	RM PCT	RANGE KM	AJ JC
0.0	13.4	678.0	924.4	28.7	18.8	10.0	3.0	00.5	-3.8	308.7	349.8	14.9	85.0	0.4	0.
00.9	94.0	95.9	1000.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.9	975.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	99.9	99.9	950.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
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	999.9
0.4	15.9	919.1	900.0	25.4	18.9	357.4	5.7	0.3	-5.7	307.9	350.3	15.5	66.6	0.4	1.4
1.3	18.1	1162.8	875.0	23.2	17.5	36.8	4.5	-2.7	-3.6	307.9	347.9	14.6	73.1	0.4	1.4
2.0	20.7	1415.9	850.0	21.3	15.9	81.5	5.2	-5.2	-0.8	308.5	345.8	13.4	71.5	0.4	1.4
2.9	23.2	1674.2	825.0	19.1	15.0	105.0	7.3	-7.1	1.9	308.6	343.2	13.2	77.3	0.7	2.1
3.8	25.7	1938.7	800.0	18.5	11.4	140.0	9.5	-6.1	7.3	310.9	341.0	10.7	63.9	0.9	2.4
4.8	28.2	2213.4	775.0	21.3	3.6	184.1	10.6	0.8	10.6	316.7	335.7	6.4	31.2	9.4	23.1
5.6	30.8	2490.4	750.0	19.2	1.7	196.9	9.0	2.6	8.7	317.4	334.7	5.8	31.1	1.1	31.8
7.0	33.4	2766.4	725.0	16.9	0.5	194.2	9.3	2.3	9.0	318.1	334.5	5.5	32.9	1.5	33.8
8.0	36.1	3084.4	700.0	14.7	-0.6	196.7	11.7	3.4	11.2	318.8	334.5	5.2	34.9	2.1	34.9
9.1	38.8	3390.7	675.0	12.1	-2.1	199.5	13.6	4.4	12.9	319.2	334.5	4.8	36.5	2.6	35.7
10.3	41.6	3705.5	650.0	9.4	-3.7	196.4	14.9	4.2	14.3	319.7	333.6	4.5	37.3	3.8	3.
11.4	44.3	4027.2	625.0	6.3	-5.4	193.5	16.2	3.8	15.7	317.7	332.3	4.1	42.8	6.8	5.
12.7	47.2	4362.4	600.0	3.6	-7.5	199.5	14.5	4.8	13.7	320.3	331.6	3.6	43.8	6.2	7.
13.9	50.1	4706.1	575.0	0.5	-8.5	209.1	13.2	6.2	11.7	320.3	331.5	3.5	51.1	7.0	13.
15.3	53.1	5061.0	550.0	-2.7	-10.1	215.1	12.4	7.2	10.2	320.9	331.0	3.2	56.7	8.0	13.
16.8	56.1	5424.3	525.0	-5.0	-14.5	209.0	11.5	5.4	10.1	322.5	330.0	2.4	47.1	5.9	15.
18.4	59.3	5810.1	500.0	-7.7	-20.6	197.9	12.0	3.7	11.4	323.7	328.6	1.5	34.9	10.1	16.
20.0	62.9	6237.5	475.0	-4.6	-25.5	154.1	12.1	2.9	11.7	326.1	329.5	1.0	25.8	11.3	16.
21.6	65.9	6623.6	450.0	-11.7	-33.0	192.3	12.3	2.6	12.0	328.5	330.3	0.5	15.0	12.6	15.
23.7	69.1	7058.4	425.0	-15.4	-34.8	192.2	13.4	2.8	13.1	329.2	330.9	0.5	17.3	14.0	15.
25.5	72.7	7512.7	400.0	-19.3	-32.5	190.7	15.5	2.9	15.3	329.9	332.1	0.6	29.8	15.6	15.
27.3	76.3	7989.2	375.0	-23.1	-37.9	188.6	18.9	2.4	15.7	331.0	332.4	0.6	26.2	17.2	16.
29.3	80.1	8492.1	350.0	-25.9	-39.8	185.4	20.4	1.9	20.3	333.8	335.1	0.3	25.5	19.4	16.
31.6	84.1	9024.5	325.0	-29.8	-44.9	185.1	26.4	2.3	26.3	335.6	336.4	0.2	21.3	22.3	12.
33.4	88.2	9592.1	300.0	-32.6	-48.6	193.2	42.6	9.7	41.6	339.5	340.1	0.1	18.1	26.3	12.
35.1	92.6	10203.3	275.0	-35.0	-51.7	202.1	54.2	20.4	50.2	344.5	345.0	0.1	14.3	33.7	13.
36.8	97.2	10860.5	250.0	-40.6	99.9	208.2	62.0	29.3	54.6	345.8	345.8	99.9	99.9	43.2	16.
38.5	102.0	11579.4	225.0	-45.1	99.9	205.0	72.0	30.4	55.3	349.4	349.4	99.9	99.9	53.8	18.
40.6	107.2	12342.4	200.0	-49.9	99.9	205.0	82.3	34.8	55.3	353.8	353.8	99.9	99.9	63.0	19.
42.9	113.0	13207.6	175.0	-57.5	99.9	209.9	85.6	42.7	74.5	355.0	355.0	99.9	99.9	86.6	21.
45.4	119.3	14165.7	150.0	-64.2	99.9	211.3	67.8	35.1	57.8	359.6	359.6	99.9	99.9	101.6	23.
48.4	126.0	15274.0	125.0	-64.9	99.9	206.5	48.1	20.1	40.4	373.9	369.9	99.9	99.9	115.4	24.
50.4	134.0	16424.9	100.0	-67.5	99.9	99.9	94.9	99.9	99.9	397.3	397.3	99.9	99.9	94.9	94.9
52.7	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
55.9	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
59.9	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

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

STATION NO. 29
GAGE, OKLAHOMA

7 JUNE 1979
2316 GMT

123 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP UG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	RM RTD CM/SEC	RM PCY	RANGE KM	AZ UG
0.0	13.1	678.0	925.0	29.1	17.9	340.0	3.0	1.0	-2.8	309.1	348.1	14.2	51.0	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	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	973.0	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
1.1	15.7	921.3	900.0	25.9	16.4	343.3	4.0	1.1	-3.8	308.2	349.2	15.0	63.3	0.4	159.
2.0	18.2	1165.3	875.0	23.7	17.9	1.2	2.3	-0.0	-2.1	308.4	349.3	14.9	70.0	0.5	161.
2.7	20.5	1422.9	850.0	22.2	17.1	94.8	2.4	-2.4	0.2	309.4	349.9	14.7	73.1	0.6	165.
3.5	23.1	1697.6	825.0	20.8	15.5	148.2	6.6	-3.5	5.6	310.6	348.5	13.6	71.8	0.4	177.
4.4	25.6	1498.9	800.0	18.3	14.3	149.8	8.7	-4.4	7.5	311.2	347.3	12.9	75.0	0.2	203.
5.2	28.1	2211.1	775.0	16.2	12.6	156.0	9.2	-3.7	6.4	311.2	344.8	12.0	79.5	0.4	311.
6.1	30.8	2521.1	750.0	17.9	5.0	176.5	9.2	-0.6	9.2	316.0	336.1	7.4	44.2	1.0	328.
7.2	33.4	2760.7	725.0	16.4	0.9	183.5	9.4	0.6	9.4	317.4	334.3	5.6	34.9	1.5	341.
8.2	36.0	3097.7	700.0	14.1	-1.2	188.3	9.9	1.4	9.8	319.1	333.5	5.1	35.2	2.1	347.
9.2	38.4	3393.5	675.0	11.7	-2.5	200.4	10.1	3.5	9.5	318.7	333.0	4.7	37.0	2.7	353.
10.4	41.8	3707.8	650.0	9.9	-4.3	203.6	10.2	4.9	8.9	319.0	332.2	4.3	39.0	3.1	0.
11.6	44.4	4030.9	625.0	5.8	-6.5	206.5	10.3	4.6	9.2	319.1	330.7	3.8	40.8	3.9	5.
12.7	47.1	4363.3	600.0	2.8	-7.6	201.7	10.1	3.7	9.4	319.4	330.5	3.6	42.3	4.6	8.
14.0	50.3	4706.1	575.0	-0.2	-10.2	196.9	8.3	2.4	8.0	319.8	329.4	3.1	46.7	5.3	10.
15.3	53.3	5003.0	550.0	-3.3	-14.1	186.8	7.4	0.9	7.3	320.2	327.6	2.3	42.7	5.9	10.
16.8	56.4	5426.4	525.0	-5.5	-18.0	180.0	6.3	0.0	6.3	321.8	327.6	1.8	36.9	6.6	9.
18.1	59.5	5828.3	500.0	-7.4	-20.9	184.7	11.6	1.0	11.5	324.0	326.8	1.4	33.1	7.3	8.
19.6	62.8	6206.5	475.0	-9.3	-27.1	195.9	14.3	3.9	13.7	326.4	329.4	0.9	21.8	8.5	9.
21.0	66.1	6521.9	450.0	-12.6	-29.4	194.4	13.5	4.2	12.8	327.4	330.0	0.7	23.0	9.7	10.
22.4	69.6	7255.3	425.0	-16.3	-31.6	195.8	13.6	3.7	13.0	328.1	330.4	0.6	25.0	10.9	11.
24.0	73.9	7598.1	400.0	-19.4	-32.2	184.7	15.2	1.2	15.2	329.8	332.1	0.6	30.9	12.2	11.
25.4	76.7	7934.7	375.0	-22.6	-39.6	179.8	18.1	-0.1	18.1	331.7	332.8	0.3	19.4	13.8	9.
27.6	80.6	8437.5	350.0	-26.0	-42.5	191.4	24.8	4.9	24.3	333.8	334.7	0.3	19.4	16.1	9.
29.3	84.5	9022.5	325.0	-29.6	-44.7	200.3	35.5	12.3	33.3	340.1	341.0	0.2	17.3	18.0	10.
31.1	88.7	9795.1	300.0	-31.6	-47.5	204.2	41.5	17.0	37.8	343.8	341.5	0.2	18.9	23.4	13.
33.4	93.0	10203.9	275.0	-36.4	-50.7	204.1	41.9	17.1	38.2	342.5	343.0	0.1	21.1	28.9	15.
35.6	97.6	10855.2	250.0	-40.5	-54.9	194.6	43.7	14.6	41.2	345.8	349.9	99.9	999.9	34.4	16.
38.1	102.4	11544.3	225.0	-45.9	-59.9	200.0	47.6	16.3	44.7	348.2	349.9	99.9	999.9	41.4	17.
41.3	107.6	12343.6	200.0	-51.5	-64.9	206.5	48.6	21.7	43.5	351.2	349.9	99.9	999.9	50.6	18.
44.4	113.3	13197.6	175.0	-58.2	-69.9	212.6	45.7	24.6	38.5	353.9	349.9	99.9	999.9	53.5	20.
48.1	119.5	14157.5	150.0	-63.1	-74.9	204.9	36.3	15.3	32.9	361.4	349.9	99.9	999.9	67.6	21.
52.0	126.3	15265.1	125.0	-67.8	-79.9	201.9	26.6	11.0	27.3	372.3	349.9	99.9	999.9	76.0	21.
56.4	133.7	16596.0	100.0	-63.9	-74.9	186.5	9.7	1.1	9.7	396.7	349.9	99.9	999.9	81.6	21.
60.9	140.9	17999.9	75.0	-59.4	-69.9	94.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
65.9	148.9	19499.9	50.0	-54.9	-64.9	54.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
69.9	156.9	20999.9	25.0	-49.9	-59.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE CAP TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
MEMPHIS, TENNESSEE
7 JUNE 1979
1408 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP UC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WZ RTO GWSG	RM PCT	RANGE KM	AZ DG
0.0	10.1	343.0	999.0	27.5	19.0	100.0	7.3	0.0	7.3	300.1	303.6	14.6	60.0	0.0	0.
00.0	09.9	99.0	1000.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	09.9	099.9	099.9	099.9
09.9	09.9	99.9	975.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	09.9	099.9	099.9	099.9
0.3	11.1	431.5	950.0	28.8	19.6	217.1	15.3	0.4	12.1	304.4	343.3	15.2	63.9	0.1	34.
1.0	13.5	677.4	925.0	29.0	19.5	217.1	16.0	0.4	11.2	304.9	347.0	15.6	71.4	0.4	37.
1.9	15.9	918.1	900.0	23.2	18.5	219.0	14.8	9.2	11.4	305.4	345.2	15.1	74.8	1.3	37.
2.8	18.3	1164.2	875.0	21.4	18.3	228.6	15.0	11.8	10.4	306.0	342.8	13.5	73.1	2.2	40.
3.7	20.8	1416.9	850.0	24.6	11.3	230.7	16.9	13.0	10.7	311.9	340.2	10.0	63.9	3.1	43.
4.6	23.3	1678.6	825.0	22.3	8.7	230.8	16.3	12.4	10.3	313.9	338.7	8.6	38.0	3.9	44.
5.4	25.9	1938.8	800.0	22.3	7.5	231.5	15.3	12.4	8.9	314.9	338.6	8.2	38.4	4.7	46.
6.3	28.4	2222.2	775.0	20.3	6.9	237.7	16.7	12.4	7.9	315.6	339.2	8.1	41.9	5.3	47.
7.1	31.1	2504.0	750.0	17.4	5.1	240.0	15.2	13.4	7.8	315.5	337.1	7.4	44.4	4.2	49.
8.0	33.4	2722.5	725.0	14.7	4.3	242.6	16.0	14.2	7.4	315.6	336.7	7.2	49.7	7.1	50.
9.0	36.5	3008.4	700.0	12.2	3.3	241.2	14.7	12.9	7.1	316.0	336.5	7.0	54.5	7.0	51.
9.9	34.2	3392.3	675.0	9.9	1.7	242.8	13.7	12.2	6.2	316.0	335.8	6.4	56.5	8.7	52.
10.9	42.0	3775.4	650.0	7.9	-0.2	248.4	12.8	11.9	4.7	317.9	335.3	5.6	58.8	9.5	54.
12.0	44.9	4272.7	625.0	4.9	-0.1	253.1	10.8	10.4	3.1	318.0	336.2	6.1	70.1	10.2	53.
13.0	47.0	4759.4	600.0	1.7	-1.1	252.6	9.8	9.4	2.9	318.1	335.8	5.9	81.6	10.8	54.
14.2	50.8	5201.3	575.0	-1.3	-2.0	256.5	8.4	8.2	2.0	318.5	335.8	5.4	89.6	11.4	57.
15.4	53.8	5694.1	550.0	-3.7	-12.9	270.0	6.7	6.7	0.0	319.8	327.9	2.6	48.7	11.4	56.
16.4	56.9	5877.5	525.0	-6.1	-10.3	270.0	7.3	7.3	-0.1	321.1	331.5	3.3	72.0	12.3	59.
17.9	60.1	5902.6	500.0	-8.8	-28.4	280.3	9.3	9.2	1.4	325.7	328.2	0.7	19.1	12.9	61.
19.3	63.4	6272.5	475.0	-8.4	-27.5	251.8	18.4	9.9	3.3	327.6	330.5	0.8	19.6	13.7	61.
20.7	66.7	6619.9	450.0	-11.0	-27.8	248.2	8.4	7.8	3.1	329.4	332.4	0.8	23.3	14.5	62.
22.1	70.1	7056.3	425.0	-13.9	-30.3	250.5	6.6	6.2	2.2	331.1	333.6	6.7	23.6	15.1	62.
23.5	73.7	7314.7	400.0	-17.0	-31.4	255.7	9.7	5.5	1.4	332.9	335.0	0.6	22.4	15.6	62.
25.1	77.4	7946.8	375.0	-19.8	-37.4	274.7	6.8	6.7	-0.5	335.4	336.9	0.4	19.3	16.1	63.
26.8	81.2	8304.1	350.0	-24.0	-41.7	260.0	7.4	7.5	-1.3	336.5	337.5	0.2	17.5	16.7	65.
28.6	85.2	9039.9	325.0	-28.9	-45.2	277.4	7.9	7.6	-1.0	336.9	337.7	0.2	18.9	17.4	68.
30.3	89.2	9606.9	300.0	-23.6	-48.2	265.0	11.1	11.0	1.0	338.0	338.6	0.2	21.1	18.2	67.
32.1	93.6	10212.2	275.0	-37.0	-51.6	250.0	22.2	21.6	5.4	341.7	342.2	0.1	19.9	18.9	69.
34.1	98.2	10847.3	250.0	-40.3	-59.9	284.4	35.9	34.6	9.6	346.1	349.9	09.9	09.9	23.3	69.
34.3	103.0	11579.3	225.0	-44.6	-59.9	254.3	41.9	40.7	9.9	350.2	349.9	09.9	09.9	28.5	71.
38.6	106.4	12350.8	200.0	-50.0	-59.9	270.6	66.0	43.4	15.2	353.7	349.9	09.9	09.9	35.0	71.
41.3	114.3	13220.5	175.0	-56.5	-59.9	248.9	48.2	40.6	17.4	356.6	349.9	09.9	09.9	42.1	71.
44.2	120.7	14182.5	150.0	-63.8	-59.9	253.0	38.0	33.5	18.2	360.8	349.9	09.9	09.9	48.6	71.
47.1	127.8	15245.6	125.0	-63.8	-59.9	255.9	26.2	25.5	6.6	379.4	349.9	09.9	09.9	54.2	71.
53.3	135.7	16551.3	100.0	-66.5	-59.9	99.9	99.9	99.9	99.9	399.3	349.9	09.9	09.9	99.9	99.9
09.9	09.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	09.9	99.9	99.9	99.9
09.9	09.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	09.9	99.9	99.9	99.9
09.9	09.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	09.9	99.9	99.9	99.9

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

STATION NO. 32
HINTON, OKLAHOMA

7 JUNE 1979
1105 GMT

127 98. 8

TIME MIN	CNCTY	WEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	MK RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	1.9	507.0	941.8	20.2	19.9	175.0	3.5	-0.3	3.9	298.5	339.8	15.7	98.0	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	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	99.9	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	99.9	999.9	999.9
0.5	13.5	860.0	925.0	21.2	20.3	198.5	20.2	6.4	19.1	301.0	344.7	16.5	94.6	0.5	0.
1.5	15.9	898.6	900.0	21.7	18.1	212.6	27.6	14.8	23.2	333.8	343.5	14.7	80.3	1.6	1.
2.5	18.4	1194.8	875.0	24.9	10.9	224.5	33.8	23.7	24.1	309.7	336.3	9.5	41.6	3.5	30.
3.6	20.9	1399.0	850.0	28.4	6.0	228.6	31.9	24.0	21.1	311.7	334.5	7.9	35.0	5.7	37.
4.6	23.4	1651.5	825.0	22.4	7.0	228.8	30.0	22.6	19.8	312.2	334.2	7.6	37.0	7.5	40.
5.6	26.0	1926.0	800.0	20.1	7.0	231.9	28.5	22.4	17.6	312.6	335.3	7.9	42.4	9.2	42.
6.7	29.6	2199.1	775.0	18.1	6.5	235.6	27.3	22.6	15.3	313.3	336.0	7.9	46.8	11.0	44.
7.6	31.2	2479.0	750.0	15.7	6.1	238.7	24.8	21.2	12.9	313.7	336.5	7.9	52.6	12.4	45.
8.5	33.8	2765.9	725.0	13.2	4.7	246.3	19.2	17.6	7.7	314.0	335.5	7.4	56.1	13.6	47.
9.4	36.6	3000.1	700.0	10.4	3.2	251.2	20.8	19.7	6.7	314.0	334.0	6.9	61.0	14.7	44.
10.5	39.3	3362.2	675.0	7.9	4.0	261.9	19.6	19.6	2.8	314.5	336.5	7.6	76.3	15.9	50.
11.6	42.3	3672.5	650.0	5.1	1.1	282.2	14.6	14.3	-3.1	314.7	333.5	6.4	75.4	16.7	51.
12.3	44.9	3992.4	625.0	3.7	-13.2	293.5	12.9	11.8	-5.1	316.7	323.6	2.2	27.8	17.2	56.
14.1	47.9	4322.4	600.0	2.0	-34.7	299.7	10.1	8.6	-5.0	318.4	319.6	0.3	4.5	17.6	59.
15.2	50.9	4664.4	575.0	0.1	-65.5	308.1	10.0	7.9	-6.2	320.1	320.5	0.1	1.7	17.5	63.
16.5	53.9	5318.3	550.0	-2.9	-81.8	306.8	10.5	8.4	-6.3	320.7	320.9	0.1	1.0	16.2	62.
17.4	56.9	5385.1	525.0	-4.7	-82.9	309.6	9.9	7.6	-6.3	322.8	323.0	0.1	1.0	18.6	65.
19.2	60.1	5767.1	500.0	-7.1	-82.3	289.9	9.2	8.7	-3.1	324.4	325.1	0.2	4.3	19.0	67.
20.3	63.4	6164.7	475.0	-9.9	-82.8	286.6	6.3	6.0	-1.6	325.8	326.4	0.2	4.9	19.6	68.
22.3	66.7	6579.4	450.0	-12.8	-81.9	299.5	5.7	4.9	-2.8	327.1	327.6	0.1	3.8	19.9	69.
23.9	70.1	7012.4	425.0	-15.6	-87.5	276.1	6.7	6.7	-0.7	329.0	329.5	0.1	4.4	20.3	70.
25.8	73.7	7466.5	407.0	-18.9	-86.2	274.4	9.7	9.6	-0.7	329.1	329.7	0.1	7.5	21.3	71.
28.1	77.4	7941.9	375.0	-23.2	-80.2	278.6	12.4	12.3	-1.9	330.9	331.1	0.1	8.5	22.6	73.
29.3	81.3	8443.1	350.0	-27.0	-80.5	279.1	14.9	14.8	-2.4	332.3	332.7	0.1	8.6	23.9	74.
31.3	85.3	8973.5	325.0	-30.9	-83.2	278.5	15.2	15.0	-2.2	334.1	334.4	0.1	9.0	25.1	76.
32.6	89.5	9537.0	300.0	-34.7	-85.9	270.5	19.9	19.9	-0.2	336.5	336.7	0.1	9.4	26.3	78.
34.3	93.8	10182.6	275.0	-38.0	-89.7	260.3	48.4	47.7	8.1	343.1	343.3	0.0	6.6	29.3	77.
36.4	98.6	10798.2	250.0	-40.4	-99.9	257.3	78.0	78.1	17.1	346.1	346.1	99.9	99.9	37.7	77.
38.4	103.4	11504.8	225.0	-45.1	99.9	255.1	100.3	96.9	25.7	349.4	349.4	99.9	99.9	51.7	77.
41.7	104.8	12285.5	200.0	-51.7	99.9	247.7	86.6	79.9	32.8	351.0	351.0	99.9	99.9	67.7	76.
44.4	114.4	13110.0	175.0	-56.9	99.9	250.6	79.9	75.4	26.3	356.1	356.1	99.9	99.9	82.9	74.
44.2	121.3	14101.0	150.0	-64.2	99.9	253.2	75.9	72.7	22.0	359.5	359.5	99.9	99.9	99.9	74.
51.5	128.3	15200.2	125.0	-67.6	99.9	252.3	81.9	58.9	18.8	372.6	372.6	99.9	99.9	110.9	74.
55.8	136.3	16538.3	100.0	-65.9	99.9	259.9	94.9	99.9	99.9	400.4	400.4	99.9	99.9	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	99.9	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	99.9	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	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. 32
WINTON, OKLAHOMA
7 JUNE 1979
1405 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP OC C	DEP PT OL C	DIR DC	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT I DG K	E POT Y DG K	WIND CM/SEC	SH PCT	RANGE NM	AZ DG
0.0	11.7	507.0	942.4	24.9	22.2	200.0	5.0	1.7	4.7	303.2	351.7	18.2	85.0	0.0	0.0
00.0	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
00.0	99.9	975.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
00.0	99.9	950.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.4	13.5	870.7	925.0	22.9	20.0	204.6	17.6	7.3	16.0	302.8	345.9	16.1	83.4	0.5	16.0
1.4	18.0	910.1	908.0	22.8	18.0	213.1	24.8	13.5	20.8	304.7	348.3	15.4	70.8	1.5	23.0
2.4	18.4	1150.1	875.0	23.9	13.3	225.1	33.5	23.7	23.6	308.4	339.4	11.1	82.0	3.3	34.0
3.5	20.9	1410.6	850.0	25.0	10.6	227.2	31.2	22.9	21.2	312.4	339.4	9.5	40.2	5.7	39.0
4.8	23.5	1672.4	825.0	24.7	8.9	239.6	19.4	16.9	9.9	314.7	339.9	6.7	36.7	7.3	42.0
6.9	28.7	1941.6	800.0	22.3	7.4	237.9	22.8	19.3	12.1	314.9	338.5	6.1	35.3	8.5	45.0
8.8	31.3	2490.5	750.0	17.4	5.1	242.5	16.1	14.3	7.4	315.5	337.0	7.0	41.1	10.9	46.0
9.8	34.0	2788.8	725.0	14.7	3.0	247.9	15.0	13.0	6.4	315.6	336.8	7.0	41.9	11.9	46.0
9.8	36.8	3082.8	700.0	12.3	2.7	250.8	15.3	14.9	3.5	316.1	335.8	6.7	52.0	12.8	51.0
10.9	39.6	3385.9	675.0	9.7	1.8	255.0	14.1	13.6	3.6	316.5	334.7	6.1	54.5	13.7	53.0
12.0	42.3	3595.5	650.0	7.5	0.5	260.2	12.9	12.7	2.2	317.4	335.7	6.1	61.3	14.5	54.0
13.1	45.3	4021.5	625.0	4.9	-1.1	270.5	10.3	10.3	-0.1	317.6	334.6	5.7	65.7	15.1	54.0
14.2	48.3	4522.8	600.0	1.7	-5.4	282.9	7.4	7.4	-1.7	318.0	331.0	4.3	59.3	15.6	57.0
15.4	51.3	4809.7	575.0	-0.6	-10.0	325.0	4.8	2.7	-4.0	319.3	328.4	2.9	45.8	15.8	58.0
16.6	54.4	5048.3	550.0	-3.1	-16.3	318.4	4.2	-0.3	-0.1	320.5	326.7	2.1	35.3	15.7	59.0
18.1	57.5	5415.1	525.0	-5.2	-27.2	278.4	5.1	5.0	-0.7	322.2	324.9	0.8	15.8	15.6	60.0
19.6	60.8	5795.6	503.0	-7.4	-31.8	257.9	8.6	8.7	1.9	324.0	325.8	0.5	12.1	16.3	61.0
21.0	64.0	6194.3	475.0	-9.4	-32.3	260.2	7.7	7.6	1.3	326.4	328.2	0.5	13.4	17.0	62.0
22.5	67.4	6609.7	450.0	-12.5	-32.0	258.0	6.0	5.8	1.2	327.6	329.6	0.6	17.6	17.6	62.0
24.0	71.0	7042.4	425.0	-15.6	-29.8	262.5	4.9	4.9	0.6	329.0	331.6	0.7	28.2	18.0	61.0
25.6	74.6	7499.4	400.0	-18.9	-36.2	265.9	8.6	8.6	0.6	330.4	332.4	0.4	20.6	18.6	63.0
27.3	78.3	7975.8	375.0	-22.1	-42.1	270.6	5.6	5.6	-0.1	332.4	333.3	0.2	14.2	19.3	64.0
29.2	82.2	8479.3	350.0	-25.9	-44.0	256.2	11.9	11.5	2.8	333.9	334.7	0.2	15.3	20.0	65.0
31.3	86.2	9012.3	325.0	-29.6	-49.6	259.8	18.3	18.0	3.2	336.7	337.2	0.1	11.6	22.0	66.0
33.8	90.3	9582.7	300.0	-33.7	-50.9	255.2	34.2	33.1	8.7	342.1	342.6	0.1	11.7	25.0	68.0
35.4	94.8	10165.0	275.0	-38.4	-53.6	254.1	51.7	49.7	16.1	345.4	345.8	0.1	12.1	30.1	68.0
37.6	99.4	10850.4	250.0	-43.1	-59.1	250.3	88.4	56.3	15.8	348.0	348.2	0.0	9.9	37.4	70.0
40.2	104.4	11568.3	225.0	-45.2	-69.9	234.1	58.3	56.1	15.9	349.2	349.9	99.9	99.9	46.8	71.0
42.9	109.8	12348.0	200.0	-50.2	-99.9	252.0	72.9	69.3	22.5	353.3	359.9	99.9	99.9	56.7	71.0
46.1	115.8	13208.7	175.0	-56.7	-99.9	251.0	101.0	95.5	34.8	356.3	369.9	99.9	99.9	73.4	71.0
49.4	122.0	14165.9	150.0	-64.0	-99.9	250.5	63.5	59.9	21.2	359.8	369.9	99.9	99.9	92.7	71.0
52.8	129.0	15274.8	125.0	-68.0	-99.9	251.8	25.0	24.4	8.4	375.5	369.9	99.9	99.9	100.0	71.0
57.2	137.0	16624.4	100.0	-68.6	-99.9	999.9	99.9	99.9	99.9	389.0	999.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
60.0	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

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 18 DEG
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
 WINSTON, DELAWARE
 7 JUNE 1979
 1705 GPT

116 91. 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	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	11.0	807.8	943.8	29.7	19.1	210.0	6.0	3.0	8.2	307.9	348.9	14.9	53.8	0.0	0.
00.0	99.9	1000.0	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
00.0	99.9	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
00.0	99.9	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
0.6	12.7	683.1	925.0	26.6	18.3	203.2	18.6	7.3	17.1	306.5	346.0	14.5	60.2	0.8	42.
1.0	14.9	925.0	900.0	24.4	17.0	204.6	20.2	8.4	18.3	306.7	348.2	13.7	63.4	1.9	23.
2.4	17.1	1171.4	875.0	22.2	15.7	209.7	17.6	6.7	15.3	306.8	342.4	13.0	66.7	2.9	28.
3.2	19.4	1423.5	850.0	21.4	13.6	222.4	16.0	10.8	11.8	308.5	340.7	11.6	61.2	3.7	26.
4.0	21.6	1663.4	825.0	22.6	7.3	228.9	16.9	12.8	11.1	312.5	334.9	7.8	37.3	6.4	32.
5.0	24.0	1950.7	800.0	22.0	5.9	235.4	18.3	15.0	10.4	314.7	335.9	7.3	35.0	5.4	34.
6.0	26.3	2225.5	775.0	20.1	3.7	238.3	20.8	17.7	11.0	315.4	334.5	6.5	34.1	6.5	30.
7.0	28.7	2507.0	750.0	17.7	2.3	233.4	18.4	14.8	11.0	315.8	333.7	6.0	35.6	7.6	41.
8.0	31.0	2763.4	725.0	14.9	2.6	236.7	17.1	14.3	9.4	315.6	333.7	6.4	43.6	8.6	43.
9.0	33.5	3091.5	700.0	12.5	0.8	236.5	18.6	13.5	10.3	316.3	333.6	5.8	44.8	9.7	44.
10.0	35.9	3395.5	675.0	10.2	0.4	235.0	15.7	12.9	9.5	317.1	333.6	5.9	50.6	10.6	45.
11.1	38.4	3708.3	650.0	7.6	-1.3	236.7	12.0	11.0	4.7	317.6	333.8	5.4	53.2	11.6	46.
12.2	41.0	4330.4	625.0	5.5	-2.3	236.8	11.3	11.0	2.2	318.0	333.4	5.2	57.1	12.3	48.
13.3	43.6	4362.8	600.0	2.3	-5.1	238.4	6.0	9.0	0.1	318.8	332.1	4.4	57.7	12.8	50.
14.5	46.2	4705.2	575.0	-0.7	-8.5	235.4	5.9	5.7	1.5	319.2	329.9	3.5	55.3	13.2	51.
15.7	49.0	5038.2	550.0	-3.9	-11.1	236.4	8.8	7.2	5.1	319.5	328.8	3.0	57.1	13.7	51.
17.1	51.8	5425.2	525.0	-4.5	-29.7	232.2	5.1	4.9	1.6	323.0	325.1	0.6	11.9	14.3	51.
18.5	54.6	5837.7	500.0	-7.1	-31.5	232.7	6.8	6.8	-0.3	324.4	328.3	0.5	12.1	14.6	52.
19.9	57.5	6206.1	475.0	-9.2	-33.1	236.1	8.9	8.6	2.1	326.5	328.3	0.5	12.3	15.3	54.
21.4	60.5	6621.7	450.0	-12.5	-31.4	232.3	7.9	7.5	2.4	327.6	329.7	0.6	18.8	16.0	53.
22.9	63.6	7051.2	425.0	-15.1	-31.6	236.8	8.7	8.0	3.4	329.6	331.8	0.6	23.0	16.6	53.
24.4	66.8	7515.9	400.0	-18.0	-39.5	242.6	11.3	10.1	5.2	331.6	332.7	0.3	13.1	17.5	56.
26.2	70.1	7991.1	375.0	-21.9	-42.4	236.2	10.4	8.6	5.8	332.7	333.6	0.2	13.5	18.7	58.
27.8	73.6	8494.8	350.0	-26.2	-45.7	236.0	9.7	8.1	5.4	333.5	334.2	0.2	13.9	19.7	58.
29.5	77.1	9028.9	325.0	-28.2	-47.2	237.7	12.9	10.9	6.9	337.8	338.5	0.2	14.1	20.6	58.
31.0	80.4	9599.1	300.0	-31.5	-49.8	233.7	20.4	26.3	13.0	340.9	341.5	0.1	14.4	22.4	58.
32.8	84.7	10211.7	275.0	-34.9	-52.4	233.3	42.1	40.3	12.1	344.7	345.1	0.1	14.7	26.5	58.
34.8	88.4	10868.5	250.0	-40.4	99.9	232.0	84.7	52.2	16.4	346.0	349.9	99.9	99.9	31.9	61.
37.0	93.2	11578.2	225.0	-45.8	99.9	230.2	54.0	50.9	18.3	348.3	350.9	99.9	99.9	39.2	63.
39.0	97.8	12353.7	200.0	-50.9	99.9	244.8	56.7	51.3	24.2	352.2	359.9	99.9	99.9	45.4	64.
41.0	102.8	13210.4	175.0	-57.9	99.9	243.7	63.8	57.2	28.2	354.4	369.9	99.9	99.9	53.6	64.
43.3	108.3	14167.7	150.0	-64.9	99.9	248.6	39.9	37.2	14.6	358.2	369.9	99.9	99.9	59.9	64.
45.5	114.3	15265.8	125.0	-68.1	99.9	247.4	34.3	31.6	13.2	371.7	369.9	99.9	99.9	65.2	64.
48.0	121.3	16404.6	100.0	-64.2	99.9	99.9	99.9	99.9	99.9	345.9	369.9	99.9	99.9	99.9	99.9
49.4	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
49.9	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
49.9	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

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

STATION NO. 32
 HINTON, OKLAHOMA
 7 JUNE 1979
 2005 GMT

135 03. 0

TIME MIN	CNTCT	WEIGHT GPH	PKES MS	TEMP DG C	DEB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	RE STO GM/SEC	RM PCT	RANGE KM	AZ DG
0.0	11.8	507.0	943.4	30.0	19.7	210.0	8.0	4.0	6.9	320.3	350.7	15.5	54.0	0.0	0.
00.0	09.9	99.9	1000.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0	09.9	99.9	925.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0	09.9	99.9	925.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.7	13.7	683.4	925.0	29.4	17.1	195.2	20.3	5.3	19.6	309.4	368.1	14.8	49.8	0.7	17.
1.7	16.2	927.5	900.0	27.3	17.1	195.9	18.8	5.1	18.1	309.7	367.9	13.8	53.8	1.8	16.
2.8	18.6	1176.5	875.0	24.0	15.9	198.3	17.5	3.5	16.6	309.6	368.1	13.2	57.6	3.1	16.
3.8	21.3	1430.6	850.0	22.8	15.6	199.9	16.2	5.5	15.2	310.0	364.6	12.4	59.9	3.9	17.
4.6	23.9	1690.3	825.0	20.5	11.9	204.2	15.4	4.3	14.9	310.2	360.2	10.7	57.7	4.8	17.
5.6	26.5	1956.5	800.0	20.7	8.1	223.5	16.1	11.1	11.7	313.2	340.7	7.4	38.8	5.6	19.
6.5	29.2	2233.8	775.0	20.3	3.4	235.2	17.9	18.7	10.3	315.7	334.3	6.3	32.7	6.6	26.
7.6	31.9	2512.8	750.0	18.5	0.3	231.6	18.4	18.4	11.4	316.7	332.3	5.2	29.2	7.5	29.
8.7	34.6	2802.2	725.0	16.1	-1.1	233.7	17.6	18.2	11.4	317.2	331.9	4.9	30.8	8.6	33.
9.9	37.4	3094.0	700.0	13.7	-1.7	238.4	15.4	13.2	8.0	317.7	332.3	4.8	34.3	9.7	35.
10.9	40.2	3404.2	675.0	11.4	-2.9	245.7	12.0	11.0	4.9	318.4	332.3	4.6	36.5	10.5	37.
11.3	43.1	3717.9	650.0	8.5	-4.4	242.9	9.4	8.3	4.3	318.6	331.5	4.3	39.8	11.1	39.
12.1	46.0	4040.7	625.0	5.9	-4.7	232.4	7.6	6.0	4.7	319.2	332.4	4.3	46.2	11.6	40.
13.2	49.0	4373.1	600.0	2.4	-5.2	229.4	7.1	4.9	5.0	318.9	331.2	4.0	53.0	12.0	43.
15.5	52.8	4715.7	575.0	-0.7	-6.0	220.8	15.5	18.1	11.7	319.2	329.6	3.4	53.1	12.8	41.
16.9	55.1	5064.1	550.0	-4.0	-14.7	194.8	11.0	9.9	11.0	319.4	326.5	2.2	43.4	14.3	40.
18.2	58.3	5435.8	525.0	-4.9	-23.8	174.4	5.4	-3.5	-4.6	323.1	326.1	0.9	17.8	14.1	40.
19.6	61.6	5818.6	500.0	-6.3	-30.1	203.7	7.2	7.8	-1.7	325.3	327.5	0.6	13.2	13.9	41.
21.6	64.9	6218.0	475.0	-8.9	-31.1	201.3	9.8	6.6	0.7	327.0	329.1	0.6	14.5	14.7	42.
22.4	68.3	6633.9	450.0	-12.2	-32.6	232.0	8.3	6.6	5.8	328.0	329.9	0.5	16.2	15.4	43.
23.9	71.9	7068.3	425.0	-15.3	-35.7	223.3	11.6	8.0	8.5	329.4	330.9	0.4	15.4	16.2	43.
25.4	75.6	7523.7	400.0	-18.8	-34.4	223.0	13.1	9.0	9.4	330.5	331.8	0.3	15.7	17.5	43.
27.3	79.3	8001.1	375.0	-22.4	-41.2	223.8	13.9	9.5	10.2	332.0	333.0	0.3	16.8	18.8	43.
29.0	83.3	8505.2	350.0	-24.9	-43.2	228.3	15.9	11.9	10.2	335.2	336.1	0.2	16.4	20.3	43.
30.9	87.3	9041.9	325.0	-26.7	-44.6	236.3	33.0	27.4	18.3	339.9	330.8	0.2	16.4	22.8	44.
32.9	91.7	9616.9	300.0	-30.0	-47.2	244.5	41.3	37.3	17.8	343.1	343.8	0.2	16.7	27.3	47.
34.6	96.0	10224.7	275.0	-35.0	-51.2	248.8	45.1	42.0	16.3	344.5	344.9	0.1	17.1	31.5	53.
36.9	100.8	10865.9	250.0	-40.3	99.9	243.0	54.2	48.3	24.4	346.2	349.9	0.9	99.9	38.2	53.
39.2	105.8	11598.0	225.0	-44.6	99.9	242.5	57.2	60.8	26.4	360.2	360.9	0.6	99.9	45.5	56.
41.8	111.3	12374.6	200.0	-51.4	99.9	232.2	61.3	61.3	28.6	351.4	369.9	0.9	99.9	54.4	56.
44.3	117.3	13228.7	175.0	-57.9	99.9	229.7	50.2	47.1	17.5	354.4	369.9	0.9	99.9	62.9	57.
46.9	123.7	14189.3	150.0	-62.7	99.9	231.8	47.9	45.5	15.0	360.2	369.9	0.9	99.9	69.4	59.
49.4	130.8	15295.4	125.0	-63.2	99.9	242.0	42.7	37.9	19.6	371.5	369.9	0.9	99.9	77.5	59.
52.4	139.0	16632.5	100.0	-69.0	99.9	99.9	99.9	99.9	99.9	364.4	369.9	0.9	99.9	83.0	60.
56.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	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 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 00 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
MINTON, DOKLAWONA

7 JUNE 1979
2305 GMT

128 100. 0

TIME MIN	CNCT	WEIGHT GPH	PMES 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 Y DG K	WX RTO GM/RC	RH PCT	RANGE KM	AZ DG
0.0	11.8	507.8	943.7	31.7	29.8	200.0	5.0	1.7	4.7	310.0	353.6	15.8	50.9	0.0	0.
00.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	997.9	999.
00.9	99.9	575.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	995.9	999.
00.9	99.9	950.0	999.9	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	13.7	607.5	950.0	30.7	21.4	185.1	17.6	1.6	17.5	310.7	359.3	17.6	57.8	0.4	5.
1.5	16.2	933.0	900.0	26.7	20.4	187.0	18.5	2.3	18.3	311.1	358.1	17.0	60.8	1.3	5.
2.4	18.6	1183.6	875.0	26.0	18.9	189.7	19.1	3.2	18.6	310.6	354.9	16.0	65.1	2.4	7.
3.5	21.2	1438.8	833.0	23.6	18.8	193.1	18.2	4.1	17.7	310.9	356.0	16.3	74.3	3.6	8.
4.5	23.8	1699.6	825.0	21.6	16.6	247.8	19.3	8.8	17.2	311.4	351.9	14.6	73.2	4.7	11.
5.5	26.4	1966.6	800.0	20.1	13.6	220.0	20.6	13.3	15.8	312.6	347.3	12.3	66.1	5.8	15.
6.4	29.0	2243.3	775.0	19.3	8.1	226.8	18.3	13.3	12.5	319.5	339.9	8.8	48.3	6.8	20.
7.4	31.7	2527.4	750.0	18.2	4.2	224.7	13.8	9.7	9.8	316.4	336.7	6.9	39.3	7.7	23.
8.5	34.4	2811.7	750.0	16.2	-0.5	225.9	13.4	9.6	9.3	317.2	332.5	5.1	31.9	8.4	25.
9.5	37.1	3108.9	700.0	14.1	-2.6	226.4	13.0	9.4	9.0	318.1	332.5	4.5	31.5	9.3	27.
10.7	40.0	3418.2	675.0	11.3	-7.5	240.4	9.6	8.3	4.7	318.3	332.7	4.7	30.0	10.0	29.
11.6	42.8	3728.2	650.0	8.8	-4.5	244.8	7.9	7.2	3.4	318.9	331.8	4.2	30.8	10.5	31.
13.2	45.8	4051.1	625.0	5.5	-5.9	246.3	5.9	5.4	2.4	318.6	330.9	4.0	43.5	10.9	32.
14.4	48.8	4343.2	600.0	2.3	-6.7	238.9	4.6	5.7	3.4	318.8	330.7	3.9	51.0	11.3	34.
15.7	51.8	4725.4	575.0	-0.8	-11.0	253.7	5.7	5.5	1.6	319.1	328.2	2.9	45.9	11.7	35.
16.9	54.4	5079.1	550.0	-3.0	-16.3	254.8	8.0	7.8	2.1	320.6	326.9	1.9	34.9	12.0	36.
18.2	57.9	5460.5	525.0	-4.4	-27.2	237.9	9.5	8.0	5.0	323.2	325.8	0.8	14.8	12.7	38.
19.9	61.1	5829.4	500.0	-6.5	-1.1	222.6	7.9	5.4	3.8	325.1	327.5	0.7	14.7	13.6	39.
21.4	64.5	6229.8	475.0	-8.9	-30.9	225.7	5.8	4.2	4.1	326.9	329.1	0.6	14.9	14.2	39.
23.1	67.9	6644.4	450.0	-12.1	-33.3	226.5	8.5	6.2	5.9	328.0	329.8	0.5	15.1	14.8	39.
24.7	71.4	7079.7	425.0	-14.3	-35.0	227.6	13.7	10.2	9.2	330.4	332.2	0.5	15.3	15.0	40.
25.2	75.0	7530.4	400.0	-17.6	-37.5	233.3	21.1	16.9	12.6	332.2	333.5	0.4	15.6	15.3	40.
27.9	78.8	8016.8	375.0	-20.6	-39.8	239.8	31.6	27.4	15.9	336.3	335.5	0.3	15.9	15.9	43.
32.0	82.7	8525.4	350.0	-22.0	-42.5	242.9	37.9	35.7	20.7	339.1	340.1	0.3	13.5	24.0	45.
36.1	91.0	9040.8	325.0	-25.8	-45.4	246.0	42.0	37.1	19.7	341.1	341.9	0.2	13.9	28.0	48.
38.0	95.4	9490.6	300.0	-30.0	-47.9	240.5	48.8	42.5	24.0	341.8	342.5	0.2	16.8	34.5	50.
38.0	95.4	10253.1	275.0	-34.9	-51.2	230.7	48.6	42.4	23.6	344.6	345.1	0.1	17.1	34.3	52.
38.4	100.2	10111.9	250.0	-39.8	99.9	238.4	56.8	48.3	29.8	348.9	349.9	0.9	149.0	47.3	53.
40.8	105.2	11623.4	225.0	-45.9	99.9	236.4	50.1	43.1	25.3	348.1	349.9	0.9	999.9	55.4	54.
43.1	110.5	12390.5	200.0	-51.2	99.9	245.4	52.1	47.4	21.7	351.7	353.7	0.9	999.9	61.8	55.
46.1	116.4	13255.7	175.0	-57.0	99.9	248.0	50.1	46.6	18.4	355.9	359.9	0.9	999.9	71.7	56.
48.9	122.8	14215.0	150.0	-63.8	99.9	245.6	43.9	39.9	18.7	360.2	369.9	0.9	999.9	78.3	57.
51.9	129.8	15315.0	125.0	-64.0	99.9	238.8	38.6	33.0	20.0	370.0	369.9	0.9	999.9	87.3	58.
53.8	138.0	16645.7	100.0	-69.0	99.9	999.9	99.9	99.9	99.9	394.4	399.9	0.9	999.9	99.9	999.
59.9	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.
59.9	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.

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

STATION NO. 33
 RTTY, OLLAHOMA
 7 JUNE 1975
 2005 GM.

126 95. 0

TIME MIN	CHFT	WEIGH GPH	PRES MB	TEMP DC C	DEW PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	AM PCT	RANGE KM	AZ DG
0.0	10.0	363.0	960.0	31.5	26.4	180.0	7.8	0.0	7.0	300.2	351.8	16.0	52.6	0.0	0.
00.0	00.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	0.0	406.1	925.0	41.0	23.4	184.1	10.3	1.1	-0.3	309.5	362.8	19.5	61.1	0.3	2.
0.9	13.2	706.2	925.0	29.7	22.7	187.3	12.0	1.5	11.9	309.7	-62.1	19.2	64.1	0.6	5.
1.5	13.6	951.1	900.0	28.9	21.2	186.6	12.4	1.0	12.3	309.2	358.3	17.9	71.1	1.1	0.
2.2	18.0	1199.8	853.0	25.2	19.2	190.5	11.0	2.1	10.8	309.6	357.3	17.7	78.7	1.6	0.
2.9	20.5	1456.0	853.0	22.2	20.2	200.6	13.1	4.6	12.3	309.4	355.2	16.7	82.0	2.1	0.
3.6	22.9	1713.7	825.0	22.0	19.5	213.3	17.3	9.5	11.5	311.9	338.8	9.5	87.4	2.6	12.
4.6	25.4	1901.4	800.0	22.2	6.3	222.9	15.9	10.0	11.6	314.0	336.7	7.5	92.7	3.6	19.
5.6	28.0	2256.5	725.0	20.4	3.5	234.0	13.9	11.5	7.0	315.0	334.6	6.4	97.8	4.5	26.
6.8	36.8	2539.0	750.0	18.9	2.0	237.2	13.4	11.4	7.3	317.1	334.7	5.9	102.9	5.2	31.
7.8	33.2	2828.7	723.0	18.4	1.6	237.4	12.4	10.5	6.7	317.5	335.2	6.0	108.0	6.0	34.
8.7	35.8	3129.9	700.0	17.6	1.9	237.5	12.8	10.0	6.9	317.6	336.3	6.3	113.1	6.6	37.
9.7	38.6	3431.0	675.0	16.8	1.4	240.6	10.1	10.1	5.7	317.7	336.4	6.3	118.2	7.3	39.
10.7	41.3	3744.6	650.0	9.3	-0.5	246.9	11.1	10.3	4.6	318.4	335.5	5.7	123.3	7.9	41.
11.6	44.1	4068.0	625.0	8.4	-2.2	256.6	9.9	9.7	2.3	319.0	335.6	5.2	128.4	8.5	43.
12.8	47.0	4401.4	600.0	3.4	-3.3	259.0	8.4	8.2	1.4	320.1	335.3	5.0	133.5	9.0	45.
14.1	50.0	4745.1	575.0	-0.0	-4.7	254.6	6.4	6.2	1.7	320.0	334.3	4.7	138.6	9.4	47.
15.3	53.0	5099.8	550.0	-3.3	-7.6	247.7	6.6	6.1	2.5	320.2	332.3	3.9	143.7	9.9	48.
16.4	56.1	5454.1	525.0	-3.1	-13.1	245.9	6.2	5.7	2.5	324.7	326.3	6.4	148.8	10.4	49.
17.6	59.3	5808.1	500.0	-5.1	-13.3	247.5	5.0	4.6	1.9	328.8	328.4	6.5	153.9	10.6	50.
18.3	62.5	6254.1	475.0	-7.7	-12.3	249.3	4.4	4.1	1.6	328.5	330.4	0.5	159.0	11.1	50.
20.8	65.8	6671.8	450.0	-11.2	-14.8	233.5	5.7	4.6	3.4	329.2	330.8	0.4	164.1	11.4	51.
22.4	69.3	7109.1	425.0	-15.0	-18.8	226.6	7.4	8.4	5.1	331.0	331.8	0.2	169.2	12.2	51.
23.2	72.7	7564.7	400.0	-17.6	-21.8	234.3	6.2	6.7	4.8	332.1	333.1	0.2	174.3	13.0	51.
24.1	76.4	8044.3	375.0	-21.2	-22.5	233.0	10.7	8.5	6.6	333.6	334.5	0.2	179.4	14.0	51.
27.9	80.3	8553.9	350.0	-23.7	-26.6	235.6	19.4	16.0	10.9	336.9	337.5	0.2	184.5	15.5	51.
29.8	84.2	9090.4	325.0	-25.5	-27.4	242.6	31.2	27.7	14.4	341.5	342.2	0.2	189.6	16.5	52.
31.8	88.3	9608.5	300.0	-28.7	-29.7	250.8	30.1	32.2	11.2	344.9	345.5	0.1	194.7	17.2	55.
33.0	92.7	10288.2	275.0	-34.5	-33.9	255.7	38.9	35.8	9.1	345.3	345.7	0.1	200.0	18.0	56.
34.8	97.4	10942.7	250.0	-39.6	-39.9	252.5	39.6	37.8	11.4	347.2	349.9	99.9	205.3	18.8	62.
39.0	102.2	11658.8	225.0	-43.6	-44.8	249.8	45.4	42.0	15.8	351.7	350.9	99.9	210.6	19.6	63.
42.5	107.4	12438.4	200.0	-50.5	-50.9	249.2	43.4	40.6	15.4	352.8	350.9	99.9	215.9	20.4	64.
45.9	113.0	13292.8	175.0	-57.4	-57.9	256.7	42.3	41.2	9.7	354.9	350.9	99.9	221.2	21.2	65.
49.8	118.3	14231.8	150.0	-63.4	-63.4	259.1	37.0	31.4	6.1	361.0	350.9	99.9	226.5	22.0	67.
53.6	126.0	15327.8	125.0	-67.8	-69.9	268.6	28.1	24.3	9.5	372.2	350.9	99.9	231.8	22.8	68.
58.3	133.5	16761.3	100.0	-68.0	-74.9	299.9	99.9	99.9	99.9	386.4	386.4	99.9	237.1	23.6	69.
60.0	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
60.0	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
60.0	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

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

STATION NO. 39
MICHITA FALLS, TEXAS

7 JUNE 1979
1710 GA

117 126. 3

TIME MIN	CHTCY	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT I DG K	WX QTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.2	302.0	501.9	32.0	20.3	190.0	0.7	1.5	0.4	307.9	350.0	15.7	50.0	0.0	0.
00.0	00.0	00.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.9	00.9	00.0	075.0	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	11.7	479.3	950.5	29.9	21.5	187.6	14.4	1.9	14.3	307.6	354.7	17.3	60.0	0.4	10.
1.0	14.1	717.2	925.0	27.1	20.0	190.2	13.3	2.4	13.1	307.0	351.0	16.2	65.4	0.0	9.
1.6	16.5	959.6	900.0	25.0	18.2	200.5	12.4	4.3	11.6	307.3	347.8	14.8	66.0	1.2	11.
2.4	18.0	1209.9	875.0	23.6	13.9	215.1	14.7	8.5	12.1	308.3	340.4	11.6	56.6	1.9	16.
3.2	21.2	1481.7	850.0	25.1	10.7	220.7	15.2	9.9	11.5	312.4	339.7	9.6	40.5	2.5	23.
3.9	23.7	1723.0	825.0	22.9	6.1	217.6	16.0	9.8	12.6	312.9	336.6	8.3	38.6	3.2	27.
4.6	26.1	1909.1	800.0	20.4	7.1	215.0	13.6	8.0	11.1	312.9	335.9	8.0	42.2	3.9	29.
5.7	28.7	2403.6	775.0	18.9	5.0	215.6	11.5	6.7	9.3	314.2	334.8	7.1	37.7	4.6	24.
6.6	31.2	2542.4	750.0	16.5	4.7	220.6	10.4	6.7	7.9	314.5	335.5	7.2	45.5	5.2	30.
7.6	33.8	2637.2	725.0	14.1	2.8	217.6	8.8	5.4	7.0	315.1	334.2	6.5	46.0	5.7	31.
8.6	36.4	3127.5	700.0	11.5	2.8	209.1	7.1	3.5	6.3	315.2	334.9	6.7	56.9	6.2	32.
9.6	39.1	3430.7	675.0	9.4	0.3	214.2	5.2	2.9	4.3	316.2	333.4	5.8	52.0	6.6	31.
10.6	41.9	3742.6	650.0	6.1	0.7	211.3	4.1	3.2	2.6	315.9	334.2	6.2	67.9	6.9	32.
11.7	44.7	4063.4	625.0	4.5	-6.5	235.2	4.2	3.5	2.4	317.6	329.1	3.8	44.8	7.1	33.
12.8	47.5	4344.7	600.0	2.5	-11.7	238.6	5.4	4.6	2.8	319.0	327.2	2.6	34.1	7.4	34.
14.0	50.4	4734.9	575.0	0.9	-18.0	233.5	5.9	4.8	3.5	321.1	326.1	1.5	21.4	7.8	35.
15.1	53.4	5093.7	550.0	-1.4	-17.2	225.2	5.0	3.6	3.6	322.4	326.3	1.6	29.0	8.1	36.
16.3	56.4	5462.5	525.0	-4.1	-19.4	221.7	6.5	4.3	4.0	323.5	328.7	1.6	29.5	8.5	36.
17.6	59.5	5845.9	500.0	-5.8	-23.3	224.9	8.2	5.8	5.8	326.0	329.9	1.2	21.4	9.1	36.
18.3	62.4	6246.1	475.0	-8.1	-27.5	234.5	7.7	6.3	4.5	327.9	330.8	0.8	19.2	9.7	37.
20.2	66.0	6663.6	450.0	-10.6	-34.1	234.0	8.5	7.0	4.7	329.9	331.6	0.5	12.3	10.2	39.
21.5	69.4	7101.0	425.0	-13.7	-38.2	234.9	11.0	9.0	6.4	331.4	332.6	0.3	10.5	11.0	39.
23.0	73.0	7558.1	400.0	-17.1	-40.6	238.3	16.7	14.2	8.8	332.8	333.9	0.3	10.8	12.1	41.
24.6	76.6	8041.4	375.0	-18.7	-40.2	232.5	24.3	19.2	13.8	336.8	337.9	0.3	13.0	14.1	43.
26.1	80.3	8553.0	350.0	-19.6	-43.0	236.2	29.1	24.2	16.2	342.3	343.2	0.2	9.4	16.9	45.
28.3	84.2	9103.0	325.0	-24.5	-47.3	242.7	30.5	27.1	14.0	342.9	343.5	0.2	9.9	20.2	47.
30.1	88.3	9677.3	300.0	-29.6	-47.6	242.0	32.9	29.1	15.4	343.7	344.2	0.1	12.2	23.5	50.
32.0	92.7	10291.9	275.0	-34.5	-50.6	239.5	34.5	29.7	17.5	345.2	345.6	0.1	13.0	27.5	51.
34.2	97.3	10950.9	250.0	-37.1	-55.6	237.5	37.7	31.8	20.2	347.9	348.2	0.1	13.1	32.0	52.
36.4	102.2	11665.5	225.0	-33.7	-59.9	234.3	39.9	32.4	23.3	351.5	349.4	0.1	99.9	37.4	53.
38.7	107.4	12445.4	200.0	-50.2	-59.9	231.0	36.0	28.0	22.7	353.3	349.9	0.2	99.9	42.4	53.
41.3	113.3	13302.6	175.0	-57.7	-59.9	234.2	33.3	27.0	19.5	354.8	349.9	0.2	99.9	47.9	53.
43.9	119.5	14253.1	150.0	-64.3	-59.9	099.9	99.9	99.9	99.9	359.4	349.9	0.2	99.9	53.0	53.
46.9	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
49.4	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
51.9	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
54.9	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
59.9	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


0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERAT E OR TIME HAVE BEEN INTERPOLATED
 00 BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG


APPROVAL

AVE-SESAME VI: 25-mb Sounding Data

By Meta E. Sienkiewicz, Luke P. Gilchrist,
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The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.


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