(NASA-CR-170740) AVE/VAS 5: 25-mb SOUNDING DATA Interim Report (Texas A&M Univ.) 326 p HC A15/MF A01 CSCL 04B

N83-25267

Unclas
G3/47 03692

NASA CONTRACTOR
REPORT

NASA CR-170740

AVE/VAS V: 25MB SOUNDING DATA

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Interim Report

MAY 1983
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NASA STI FACILITY
ACCESS DEPT.

March 1983

Prepared for

NASA - Marshall Space Flight Center
Marshall Space Flight Center, Alabama 35812

TECHNICAL REPORT STANDARD TITLE PAGE

1. REPORT NO. NASA CR-170740	2. GOVERNMENT ACCESSION NO.	3. RECIPIENT'S CATALOG NO.
4. TITLE AND SUBTITLE AVE/VAS V: 25-mb Sounding Data		5. REPORT DATE March 1983
		6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S) Meta E. Sienkiweicz		8. PERFORMING ORGANIZATION REPORT #
9. PERFORMING ORGANIZATION NAME AND ADDRESS Texas A&M University College Station, Texas 77843		10. WORK UNIT NO.
		11. CONTRACT OR GRANT NO. NAS8-34133
12. SPONSORING AGENCY NAME AND ADDRESS National Aeronautics and Space Administration Washington, D.C. 20546		13. TYPE OF REPORT & PERIOD COVERED Contractor (Interim Report)
		14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES
Prepared for George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama 35812
COR: Robert E. Turner

16. ABSTRACT

This report describes the rawinsonde sounding program for the AVE/VAS V experiment and presents tabulated data at 25-mb intervals for the 24 National Weather Service stations and 14 special stations participating in the experiment. Soundings were taken at 3-hr intervals beginning at 1200 GMT on May 1, 1982, and ending at 0600 GMT on May 2, 1982 (seven sounding times). The method of processing soundings is discussed briefly, estimates of the RMS errors in the data are presented, and an example of contact data is given. Termination pressures of soundings taken in the meso-β-scale network are tabulated, as are observations of ground temperature at a depth of 2 cm.

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17. KEY WORDS Meteorology Rawinsonde Atmospheric Variability Mesoscale Severe Storms	18. DISTRIBUTION STATEMENT Unclassified—Unlimited A. J. Dessler, Director Space Science Laboratory

19. SECURITY CLASSIF. (of this report)	20. SECURITY CLASSIF. (of this page)	21. NO. OF PAGES	22. PRICE
Unclassified	Unclassified	326	NTIS

MSFC - Form 3292 (May 1969)

For sale by National Technical Information Service, Springfield, Virginia 22161

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AVE/VAS V: 25 MB SOUNDING DATA

by

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1. Introduction

The AVE/VAS field experiment was conducted on five operational days during the Spring of 1982. The dates and observation times for this experiment are given in Table 1.

This report is primarily a data document containing rawinsonde data taken at National Weather Service and special stations during AVE/VAS V (1-2 May 1982). A description of the data processing method, together with the FORTRAN program for computing soundings and an error analysis, have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section 3. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events will be presented in a separate report.

2. The AVE/VAS V Experiment

Twenty-four National Weather Service stations and fourteen special rawinsonde stations participated in the AVE/VAS V experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. The locations and station heights for the special stations participating in the AVE/VAS experiment are given in Table 3. Soundings were taken at seven times: May 1, 1982, at 1200, 1500, 1800, and 2100 GMT, and May 2, 1982, at 0000, 0300, and 0600 GMT. The National Weather Service stations also took soundings at the usual synoptic observation time at 1200 GMT on May 2.

The National Weather Service stations participating in the experiment formed a regional network in the South Central United States extending from Mississippi to Arizona. The special rawinsonde stations operated by Texas A&M University (TAMU) and National Severe Storms Laboratory (NSSL) formed a meso-β network centered on Stephenville, Texas.

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[1]Research Associate

Table 1. Listing of operational days and sounding times in the AVE/VAS field experiment.

Operational Day	Dates	Observation Times
AVE/VAS I * (Shakedown)	6-7 February 1982	2/6 - 12, 18 2/7 - 00
AVE/VAS II	6-7 March 1982	3/6 - 12, 15, 18, 21 3/7 - 00, 03, 06, 12**
AVE/VAS III	27-28 March 1982	3/27 - 12, 15, 18, 21 3/28 - 00, 03, 06, 12**
AVE/VAS IV	24-25 April 1982	4/24 - 12, 15, 18, 21 4/25 - 00, 03, 06, 12**
AVE/VAS V	1-2 May 1982	5/1 - 12, 15, 18, 21 5/2 - 00, 03, 06, 12**

* Meso-β network only on shakedown

** Final 1200 GMT sounding at NWS stations only

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Table 2. Rawinsonde stations participating in the AVE/VAS field experiment.

Station Number	Location
Special Stations	
001	Crowell, TX
002	Henrietta, TX
003	Durant, OK
004	Throckmorton, TX
005	Denton, TX
006	Abilene, TX
007	Ennis, TX
008	Brownwood, TX
009	Hewitt, TX
010	Menard, TX
011	Burnet, TX
012	College Station, TX
101	Ft. Sill, OK
102	Post, TX
NWS Stations	
232	Boothville, LA
235	Jackson, MS
240	Lake Charles, LA
247	Longview, TX
255	Victoria, TX
260	Stephenville, TX
261	Del Rio, TX
265	Midland, TX
270	El Paso, TX
274	Tucson, AZ
340	Little Rock, AR
349	Monett, MO
353	Oklahoma City, OK
363	Amarillo, TX
365	Albequerque, NM
374	Winslow, AZ
433	Salem, IL
451	Dodge City, KS
456	Topeka, KS
469	Denver, CO
476	Grand Junction, CO
532	Peoria, IL
553	Omaha, NE
562	North Platte, NE

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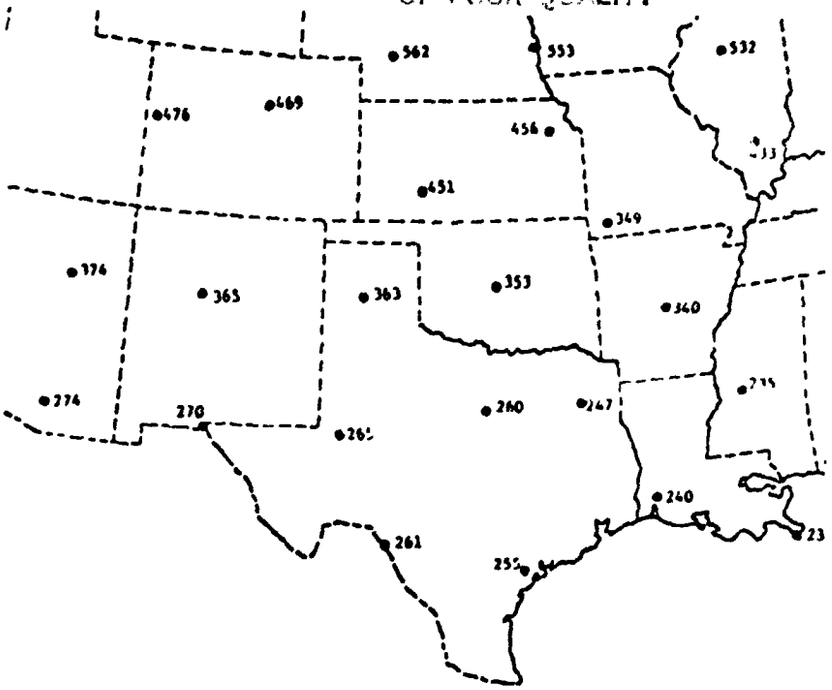
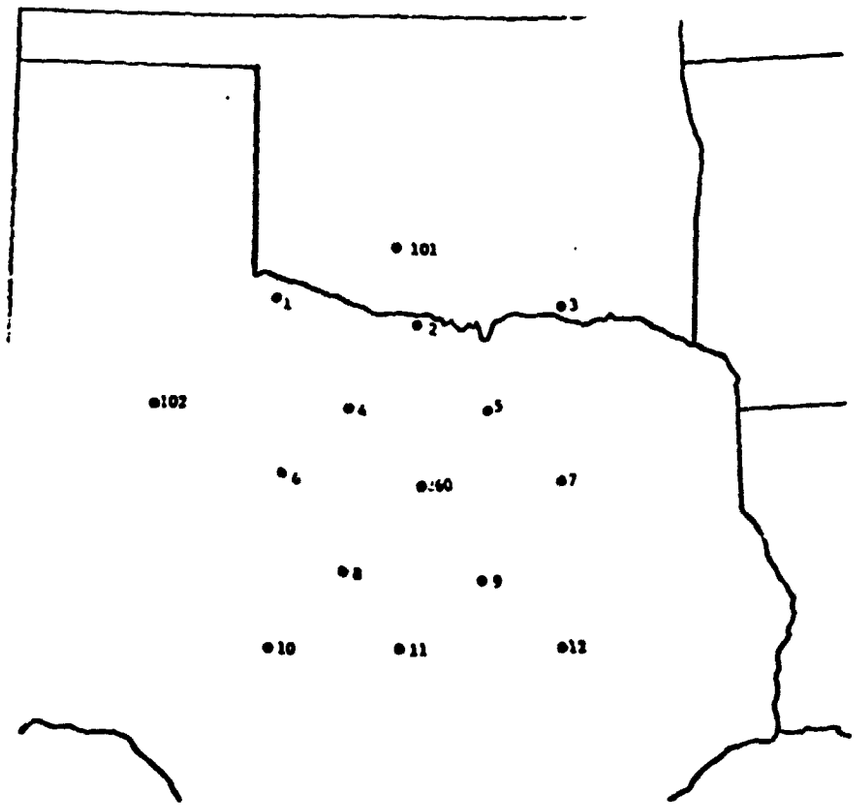


(a) regional scale network



(b) meso-β-scale network

Fig. 1. Locations of rawinsonde stations participating in the AVE/VAS field experiment.

Table 3. Locations of special rawinsonde stations participating in the AVE/VAS field experiment.

Station		Height(m)	Latitude(°N)	Longitude(°W)
Crowell, TX	(001)	450	33.98	99.71
Henrietta, TX	(002)	288	33.94	98.22
Durant, OK	(003)	211	33.94	96.40
Throckmorton, TX	(004)	405	33.19	99.18
Denton, TX	(005)	193	33.20	97.19
Abilene, TX	(006)	532	32.43	99.69
Ennis, TX	(007)	150	32.33	96.66
Brownwood, TX	(008)	502	31.71	99.10
Hewitt, TX	(009)	184	31.48	97.20
Menard, TX	(010)	588	30.94	99.81
Burnet, TX	(011)	387	30.74	98.23
College Station, TX	(012)	79	30.64	96.47
Ft. Sill, OK	(101)	361	34.67	98.41
Post, TX	(102)	772	33.20	101.34

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3. Rawinsonde Data

3.1 Collection of the Data. Raw data from National Weather Service stations were received by the Atmospheric Sciences Division, NASA, Marshall Space Flight Center (MFSC), Alabama, and forwarded to TAMU after initial processing. Data from the special network were sent directly to TAMU.

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 dew points. Constant-pressure charts were plotted for the regional and meso-β networks, and time cross-sections were analyzed for each station. Suspected errrors were checked against the original strip chart information and appropriate corrections made.

The final rawinsonde data set of the AVE/VAS V 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.

It should be noted that 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 (e.g., 99.9 or 999.9). 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. The humidity equations described by Fuelberg (1974) were used in processing data from sondes using the old-type hygristors; computations for sondes with new carbon hygristors were performed using humidity equations currently in use by the National Weather Service.

3.3 Accuracy Estimates. Estimates of the r.m.s. errors in the wind and thermodynamic quantities of the AVE/VAS V 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 4.

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Table 4. Estimates of the RMS errors in thermodynamic quantities of AVE/VAS rawinsonde data.

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 5. Estimates of RMS errors in AVE/VAS rawinsonde 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

The r.m.s. errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum r.m.s. errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 degree elevation angles are presented in Table 5. The accuracy of the wind data at pressure contacts 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.

3.4 Presentation of Data. An example of AVE/VAS V contact data is given in Table 6, with the explanation of column headings in Table 7. The first line of data for time 0.0 minutes is surface data. A 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 of 0 for 30-s angle input and 1 for 1-min angle input.

Winds based on low elevation angles are denoted by asterisks. One asterisk denotes elevation angles less than 10° but greater than 6°, while two asterisks denote angles less than 6°. These levels have been specially noted because caution must be exercised in the use of this data; winds computed at low elevation angles are subject to rather large r.m.s. errors.

Levels containing temperatures or times which have been interpolated are also denoted by asterisks. Missing temperatures and times at contacts are replace by linear interpolation. A limit was set on this interpolation so that it would not extend for more than five contact levels. Interpolation over deeper layers could lead to inaccurate temperatures and geopotential heights, especially if data were missing in a surface inversion or near the tropopause. The deeper layers of missing data which exceed the five contact limit are denoted by two asterisks.

The contact data interpolated to 25-mb intervals are presented in Appendices I and II. The column headings are identical to those used for the contact data and are described in Table 7. The soundings are arranged by station number beginning with the special stations, and appear in ascending order by time for each station. The first line of each sounding

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Table 6. Example of contact sounding data for AVE/VAS V.

STATION NO 1
CROWELL TEXAS

1 MAY 1982
1113 GMT

146 42 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8 6	449 9	969 9	13 2	12 6	80 0	2 0	-2 0	-0 3	288 9	313 3	9 5	96 0	0 0	0
0 1	9 0	492 4	965 0	12 4	99 9	40 7	5 7	-3 7	-4 2	258 4	999 9	99 3	999 9	0 2	220
0 4	10 0	579 5	955 0	11 8	99 9	40 7	5 7	-3 7	-4 3	288 7	999 9	99 9	999 9	0 2	220
0 8	11 0	678 4	944 0	11 6	10 1	41 8	5 9	-3 9	-4 4	289 5	310 9	8 3	90 5	0 3	220
1 2	12 0	765 4	934 0	10 5	9 3	44 4	5 5	-3 9	-3 9	289 2	309 8	7 9	92 4	0 4	221
1 5	13 0	864 2	923 0	9 9	8 7	48 1	4 8	-3 6	-3 2	289 6	309 6	7 7	92 1	0 5	222
1 9	14 0	954 8	913 0	9 3	8 3	61 4	4 3	-3 8	-2 1	289 9	309 7	7 6	93 3	0 6	224
2 2	15 0	1055 6	902 0	9 3	8 4	72 7	4 0	-3 8	-1 2	291 0	311 2	7 7	93 9	0 7	226
2 6	16 0	1157 6	891 0	9 2	8 1	91 2	3 4	-3 4	0 1	291 8	311 9	7 6	92 9	0 8	230
2 9	17 0	1251 4	881 0	9 5	8 5	114 7	2 8	-2 6	1 2	293 1	314 1	7 9	93 0	0 8	233
3 3	18 0	1346 1	871 0	9 5	99 9	128 1	2 4	-1 9	1 5	294 1	999 9	99 9	999 9	0 8	238
3 7	19 0	1451 7	860 0	9 7	8 6	130 4	1 8	-1 3	1 1	295 3	317 2	8 2	92 8	0 8	241
4 1	20 0	1548 9	850 0	9 0	8 0	136 2	1 2	-0 9	0 9	295 6	316 8	8 0	93 5	0 9	243
4 5	21 0	1647 2	840 0	8 8	7 8	167 6	1.5	-0 3	1 5	296 4	317 7	7 9	93 4	0 9	245
4 9	22 0	1746.4	830 0	7 9	6 8	175 6	1 5	-0 1	1 5	296 4	316 6	7 5	92 7	0 8	248
5 2	23 0	1846 4	820 0	7 0	5 9	176 5	1 [illegible]	-0 1	1 6	296 5	315 8	7 2	93 0	0 8	249
5 7	24 0	1947.3	810.0	6 1	3 9	183 3	2 0	0 1	2 0	296 6	313 7	6 3	85 8	0 8	252
6 0	25 0	2049 3	800 0	5 7	2 8	192 0	2 4	0 5	2 4	297 3	313 4	5 9	81 3	0 8	256
6 4	26 0	2152 7	789 0	5 6	2 3	188 3	2 5	0 4	2 4	298 3	314 2	5 8	79 7	0 8	259
6 8	27 0	2256 5	780 0	4 5	1 2	166 2	3 0	-0 7	2 9	298 1	313 0	5 4	79 0	0 8	263
7 1	28 0	2361.7	770.0	3 6	-0 2	154 0	3 6	-1 6	3 3	298 5	312 1	4 9	74 6	0 8	268
7 5	29 0	2467 9	760 0	3 3	-0 6	146 9	4 3	-2 3	3 6	299 1	312 6	4 8	75 5	0 8	274
7 9	30 0	2575.3	750 0	2 2	-1 2	149 3	3 7	-1 9	3 2	298 9	312 0	4 7	78 4	0 9	279
8 3	31 0	2672 8	741 0	1 5	-1 1	141 4	3 0	-1 8	2 3	299 2	312 6	4 8	82 5	1 0	282
8 6	32 0	2782 3	731 0	1 0	-0 5	125 7	2 8	-2 1	1 5	299 9	314 0	5 1	89 5	1 0	284
9 0	33 0	2882 2	722 0	1 2	-1 0	97 2	3 1	-3 0	0 4	301 1	315 0	4 9	85 4	1 1	285
9 4	[illegible] 1	2983 2	713 0	1 0	-2 2	80 3	3 8	-3 7	-0 6	302 0	315 0	4 6	79 2	1 1	283
9 8	0	3086 8	703 0	0 4	-2 6	65 7	4 2	-3 8	-1 7	302 5	315 3	4 5	80 4	1 2	28[illegible]
10 2	36 0	3200 3	694 0	0 2	-2 4	50 4	4 5	-3 5	-2 9	303 5	316 7	4 6	82 6	1 3	278
10 6	37 0	3305 0	685 0	-0 3	-4 9	37 6	4 9	-3 0	-3 9	304 1	315 3	3 9	71 2	1 4	274
11 0	38 0	3410 8	676 0	-0 9	-5 6	32 1	5 5	-2 9	-4 6	304 5	315 3	3 7	70 4	1 4	270
11 4	39 0	3517 8	667 0	-1 6	-6.1	32 2	5 6	-3 0	-4 7	304 9	315 6	3 7	71 4	1 5	265
11 6	40 0	3625 9	658 0	-2 7	-0 2	34 8	5 6	-3 2	-4 6	304 2	315 5	3 7	76 7	1 6	261
12 3	41 0	3722 8	650 0	-3 6	-5 4	42 4	5 7	-3 8	-4 2	304 9	316 3	3 9	87 4	1 7	258
12 7	42 0	3833 0	641 0	-4 4	-5 8	51 0	5 8	-4 5	-3 6	305 2	316 5	3 9	90 0	1 8	255
13 1	43 0	3944 4	632 0	-5 1	-6 1	59 9	5 7	-4 9	-2 8	305 6	316 8	3 8	92 8	2 0	254
13 5	44 0	4057 2	623 0	-5 6	-6 7	66 0	5 2	-4 8	-1 9	306 3	317 2	3 7	91 7	2 1	253
13 9	45 0	4171 7	614 0	-4 5	-9 6	73 1	4 3	-4 1	-1 2	308 8	317 8	3 0	67 5	2 2	253
14 4	46 0	4287 9	605 0	-5 3	-11 9	78 7	4 0	-3 9	-0 8	309 3	317 0	2 5	59 8	2 3	253
14 8	47 0	4392 4	597 0	-5 9	-13 2	83 6	4 4	-4 4	-0 5	309 8	316 8	2 3	56 3	2 4	254
15 1	48 0	4511.3	588 0	-6 6	-12 9	87 2	4 6	-4 8	-0 2	310 2	317 6	2 4	60 8	2 5	254
15 6	49 0	4631 8	579 0	-7 1	-14.2	93 8	5 2	-5 2	0 3	311 1	317 8	2 2	56 6	2 7	255
16 0	50 0	4740 2	571 0	-8 0	-16 0	97 9	5 1	-5 1	0 7	311 3	317 2	1 9	52 4	2 8	256
16 4	51 0	4849.8	563 0	-8 4	-17 4	97 6	4 6	-4 6	0 6	312 0	317 4	1 7	48 3	2 9	257
16 8	52 0	4960 7	555 0	-9 0	-14 2	90 3	4 4	-4 4	0 0	312 6	319 6	2 3	65 6	3 0	258

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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Table 6. Continued.

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
1113 GMT

146 42 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.3	53.0	5073.1	547.0	-9.4	-16.0	76.8	4.4	-4.3	-1.0	313.4	319.6	2.0	58.6	3.1	258
17.7	54.0	5187.0	539.0	-9.7	-17.6	87.4	4.2	-3.8	-1.6	314.4	320.0	1.8	52.4	3.2	258
18.2	55.0	5302.3	531.0	-10.6	-19.1	57.7	3.5	-3.0	-1.9	314.7	319.7	1.6	49.7	3.3	257
18.7	56.0	5419.1	523.0	-11.0	-20.3	49.4	3.1	-2.3	-2.0	315.5	320.2	1.5	46.3	3.4	256
19.1	57.0	5537.3	515.0	-11.9	-20.3	43.0	3.0	-2.1	-2.2	315.9	320.6	1.5	49.6	3.5	256
19.6	58.0	5657.0	507.0	-13.0	-19.8	33.3	3.3	-1.8	-2.7	315.9	320.9	1.6	56.6	3.6	255
20.0	59.0	5778.1	499.0	-13.6	-21.9	25.9	3.7	-1.6	-3.3	316.7	321.0	1.3	49.4	3.6	254
20.4	60.0	5900.9	491.0	-14.4	-23.8	16.3	3.8	-1.1	-3.6	317.1	320.8	1.1	44.7	3.7	253
20.9	61.0	6025.3	483.0	-15.0	-26.5	8.5	4.0	-0.6	-3.9	317.9	320.9	0.9	36.4	3.7	251
21.4	62.0	6135.7	476.0	-15.5	-27.3	12.1	4.5	-0.9	-4.4	318.6	321.4	0.8	35.4	3.8	250
21.8	63.0	6247.3	469.0	-16.6	-27.1	16.3	4.8	-1.4	-4.6	318.5	321.5	0.9	39.7	3.9	248
22.2	64.0	6376.4	461.0	-17.5	-27.3	17.2	5.1	-1.5	-4.8	319.1	322.0	0.9	41.9	3.9	247
22.7	65.0	6490.8	454.0	-18.4	-27.2	11.9	5.2	-1.1	-5.1	319.3	322.3	0.9	45.7	4.0	245
23.1	66.0	6623.3	446.0	-19.6	-27.4	3.7	5.3	-0.3	-5.3	319.4	322.4	0.9	49.6	4.1	244
23.6	67.0	6740.5	439.0	-20.8	-26.6	355.5	5.5	0.4	-5.5	319.3	322.6	1.0	59.7	4.2	242
24.1	68.0	6859.2	432.0	-21.6	-28.2	357.3	5.8	0.3	-5.8	319.8	322.7	0.9	55.2	4.2	240
24.5	69.0	6996.8	424.0	-22.2	-30.7	357.6	5.8	0.2	-5.8	320.8	323.2	0.7	45.4	4.3	238
25.0	70.0	7119.0	417.0	-23.1	-31.5	352.3	5.2	0.7	-5.1	321.1	323.4	0.6	45.6	4.4	236
25.5	71.0	7242.8	410.0	-24.0	-32.3	357.1	5.0	0.3	-5.0	321.5	323.6	0.6	45.9	4.5	234
25.9	72.0	7368.3	403.0	-25.1	-32.9	359.9	5.0	0.0	-5.0	321.7	323.8	0.6	47.9	4.5	233
26.4	73.0	7495.4	396.0	-26.1	-34.2	354.5	5	0.5	-5.1	322.0	323.8	0.5	46.2	4.6	232
26.9	74.0	7605.6	390.0	-27.1	-34.5	344.9	5.6	1.5	-5.4	322.2	324.0	0.5	49.0	4.7	230
27.4	75.0	7736.0	383.0	-28.0	-36.8	335.9	6.2	2.5	-5.7	322.6	324.1	0.4	42.1	4.8	228
28.0	76.0	7868.2	376.0	-29.2	-40.3	331.3	6.7	3.2	-5.9	322.8	323.8	0.3	32.8	4.8	225
28.5	77.0	8002.2	369.0	-30.3	-40.4	328.7	7.3	3.8	-6.2	322.9	324.0	0.3	36.2	4.9	223
29.1	78.0	8118.5	363.0	-31.4	-42.3	326.0	8.4	4.7	-6.9	323.1	324.0	0.2	32.8	5.0	220
29.6	79.0	8256.2	356.0	-32.3	-48.8	325.3	8.6	4.9	-7.0	323.6	324.1	0.1	17.4	5.1	217
30.1	80.0	8375.8	350.0	-33.5	-50.5	323.2	7.6	4.6	-6.1	323.6	324.0	0.1	16.1	5.1	214
30.6	81.0	8517.3	343.0	-34.5	-51.5	317.9	6.4	4.3	-4.8	324.1	324.4	0.1	15.7	5.2	212
31.1	82.0	8640.4	337.0	-35.9	-52.2	312.8	6.0	4.4	-4.1	323.9	324.2	0.1	16.6	5.2	210
31.7	83.0	8785.9	330.0	-37.0	-52.1	313.2	6.3	4.6	-4.3	324.2	324.6	0.1	18.9	5.3	208
32.1	84.0	8912.5	324.0	-38.1	-54.6	311.7	6.5	4.8	-4.3	324.4	324.7	0.1	15.7	5.3	206
32.7	85.0	9040.9	318.0	-39.3	-56.5	312.1	6.7	5.0	-4.5	324.5	324.7	0.1	13.9	5.4	204
33.2	86.0	9171.0	312.0	-40.4	99.3	315.8	7.0	4.9	-5.0	324.8	999.9	99.9	999.9	5.5	202
33.7	87.0	9325.4	305.0	-41.5	99.9	319.4	7.5	4.9	-5.7	325.4	999.9	99.9	999.9	5.6	200
34.1	88.0	9459.9	299.0	-42.4*	99.9	321.0	7.8	4.9	-6.1	326.0	999.9	99.9	999.9	5.7	198
34.5	89.0	9596.7	293.0	-43.3	99.9	319.1	7.9	5.2	-6.0	326.6	999.9	99.9	999.9	5.8	197
35.1	90.0	9712.2	288.0	-44.7	99.9	316.4	8.2	5.6	-5.9	326.7	999.9	99.9	999.9	5.9	194
35.7	91.0	9852.7	282.0	-45.9	99.9	318.0	8.5	5.7	-6.3	326.4	999.9	99.9	999.9	6.1	192
36.3	92.0	9995.5	276.0	-47.1	99.9	317.8	8.1	5.5	-6.0	326.7	999.9	99.9	999.9	6.3	190
36.9	93.0	10140.8	270.0	-47.9	99.9	314.3	7.8	5.6	-5.4	327.5	999.9	99.9	999.9	6.5	188
37.5	94.0	10288.5	264.0	-49.7	99.9	307.5	8.0	6.3	-4.8	327.1	999.9	99.9	999.9	6.6	186
38.0	95.0	10413.3	259.0	-50.9	99.9	304.3	8.7	7.2	-4.9	327.1	999.9	99.9	999.9	6.7	184
38.5	96.0	10565.5	253.0	-51.9	99.9	303.2	9.6	8.0	-5.2	327.8	999.9	99.9	999.9	6.9	182
39.0	97.0	10720.7	247.0	-53.0	99.9	300.2	9.5	8.2	-4.8	328.4	999.9	99.9	999.9	7.0	180

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

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
1113 GMT

146 42

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
39.5	98.0	10852.1	242.0	-54.4	99.9	299.4	9.0	7.9	-4.4	328.2	999.9	99.9	999.9	7.2	178
40.0	99.0	10985.5	237.0	-55.7	99.9	300.4	8.5	7.3	-4.3	328.3	999.9	99.9	999.9	7.3	176
40.5	100.0	11120.8	232.0	-57.1	99.9	297.9	7.7	6.8	-3.6	328.1	999.9	99.9	999.9	7.5	174
41.0	101.0	11258.4	227.0	-58.1	99.9	294.9	7.0	6.4	-2.9	328.6	999.9	99.9	999.9	7.6	173
41.5	102.0	11398.1	222.0	-59.7	99.9	297.5	6.8	6.1	-3.2	328.3	999.9	99.9	999.9	7.7	172
42.0	103.0	11568.9	216.0	-61.1	99.9	298.3	6.7	5.9	-3.2	328.7	999.9	99.9	999.9	7.8	171
42.4	104.0	11684.7	212.0	-62.1	99.9	295.2	6.6	6.0	-2.8	328.8	999.9	99.9	999.9	7.9	170
42.9	105.0	11831.9	207.0	-63.1	99.9	290.2	7.1	6.6	-2.4	329.7	999.9	99.9	999.9	8.0	168
43.5	106.0	11982.0	202.0	-64.2	99.9	291.2	9.2	8.6	-3.3	330.2	999.9	99.9	999.9	8.2	167
44.0	107.0	12135.5	197.0	-63.8	99.9	296.9	11.4	10.2	-5.2	333.2	999.9	99.9	999.9	8.4	165
44.5	108.0	12261.4	193.0	-63.6	99.9	301.1	12.8	11.0	-6.6	335.4	999.9	99.9	999.9	8.6	163
45.1	109.0	12422.0	188.0	-64.8	99.9	302.3	13.0	11.0	-7.0	336.1	999.9	99.9	999.9	9.0	161
45.7	110.0	12553.0	184.0	-65.9	99.9	300.2	13.0	11.3	-6.6	336.3	999.9	99.9	999.9	9.3	159
46.3	111.0	12720.3	179.0	-65.7	99.9	297.9	13.6	12.0	-6.4	339.3	999.9	99.9	999.9	9.7	158
46.8	112.0	12857.9	175.0	-64.8	99.9	297.1	13.4	12.0	-6.1	343.1	999.9	99.9	999.9	10.0	156
47.3	113.0	12999.9	171.0	-62.3	99.9	297.1	12.6	11.2	-5.7	349.4	999.9	99.9	999.9	10.3	155
47.8	114.0	13146.0	167.0	-62.3	99.9	296.8	12.1	10.8	-5.4	351.8	999.9	99.9	999.9	10.6	154
48.4	115.0	13333.4	162.0	-63.1	99.9	295.0	12.9	11.7	-5.5	353.6	999.9	99.9	999.9	11.0	152
48.9	116.0	13487.5	158.0	-62.3	99.9	292.3	14.1	13.0	-5.3	357.4	999.9	99.9	999.9	11.3	151
49.5	117.0	13646.1	154.0	-61.8	99.9	288.7	14.9	14.1	-4.8	360.9	999.9	99.9	999.9	11.7	149
50.2	118.0	13809.4	150.0	-60.9	99.9	285.2	15.6	15.0	-4.1	365.2	999.9	99.9	999.9	12.2	147
50.8	119.0	13977.1	146.0	-61.6	99.9	285.4	15.3	14.7	-4.1	366.8	999.9	99.9	999.9	12.6	145
51.4	120.0	14149.1	142.0	-62.1	99.9	285.5	13.6	13.1	-3.6	368.8	999.9	99.9	999.9	13.0	144
52.0	121.0	14280.9	139.0	-62.5	99.9	281.3	12.8	12.6	-2.5	370.4	999.9	99.9	999.9	13.4	143
52.7	122.0	14460.8	135.0	-63.1	99.9	283.5	14.6	14.2	-3.4	372.5	999.9	99.9	999.9	13.8	141
53.3	123.0	14645.9	131.0	-63.1	99.9	287.6	16.1	15.4	-4.9	375.7	999.9	99.9	999.9	14.3	140
54.0	124.0	14838.9	127.0	-62.7	99.9	291.4	16.5	15.4	-6.0	379.7	999.9	99.9	999.9	14.9	138
54.6	125.0	14984.7	124.0	-61.6	99.9	294.2	15.7	14.3	-6.4	384.3	999.9	99.9	999.9	15.4	138
55.2	126.0	15187.9	120.0	-61.4	99.9	291.3	14.0	13.0	-5.1	388.3	999.9	99.9	999.9	15.9	137
55.9	127.0	15344.7	117.0	-62.0	99.9	285.1	13.3	12.8	-3.5	390.1	999.9	99.9	999.9	16.4	136
56.5	128.0	15559.6	113.0	-62.7	99.9	286.0	13.1	12.6	-3.6	392.6	999.9	99.9	999.9	16.8	135
57.2	129.0	15725.3	110.0	-63.1	99.9	296.3	11.9	10.7	-5.3	395.0	999.9	99.9	999.9	17.3	134
57.9	130.0	15952.8	106.0	-63.8	99.9	299.6	11.3	9.8	-5.6	397.8	999.9	99.9	999.9	17.7	134
58.5	131.0	16126.7	103.0	-64.2	99.9	292.0	11.8	10.9	-4.4	400.3	999.9	99.9	999.9	18.1	134
59.1	132.0	16309.6	100.0	-64.4	99.9	288.8	12.9	12.3	-4.2	403.4	999.9	99.9	999.9	18.5	133
59.6	133.0	16559.9	96.0	-63.2	99.9	284.5	11.8	11.4	-3.0	410.3	999.9	99.9	999.9	19.0	132
60.4	134.0	16755.2	93.0	-63.1	99.9	280.8	10.8	10.6	-2.0	414.4	999.9	99.9	999.9	19.4	132
61.[illegible]	135.0	16956.7	90.0	-63.6	99.9	288.6	11.6	11.0	-3.7	417.2	999.9	99.9	999.9	19.8	131
61.8	136.0	17164.9	87.0	-63.2	99.9	298.7	12.2	10.7	-5.9	422.0	999.9	99.9	999.9	20.3	131
62.5	137.0	17380.7	84.0	-63.2	99.9	305.8	11.2	9.1	-6.6	426.3	999.9	99.9	999.9	20.8	130
63.3	138.0	17604.3	81.0	-63.2	99.9	310.1	8.8	6.7	-5.7	430.7	999.9	99.9	999.9	21.3	130
64.0	139.0	17836.3	78.0	-63.2	99.9	298.9	5.5	4.8	-2.7	435.4	999.9	99.9	999.9	21.6	130
64.9	140.0	17995.9	76.0	-63.6	99.9	270.1	5.5	5.5	-0.0	437.9	999.9	99.9	999.9	21.8	130
65.7	141.0	18243.0	73.0	-63.8	99.9	278.3	8.6	8.5	-1.2	442.6	999.9	99.9	999.9	22.0	129
66.4	142.0	18500.9	70.0	-62.9	99.9	279.8	10.1	10.0	-1.7	449.9	999.9	99.9	999.9	22.4	129

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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Table 6. Concluded.

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
1113 GMT

146 42 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
67.1	143.0	18771.1	67.0	-62.1	99.9	283.4	8.6	8.3	-2.0	457.1	999.9	99.9	999.9	22.8	128
67.9	144.0	18958.4	65.0	-62.3	99.9	307.2	7.6	6.1	-4.6	460.7	999.9	99.9	999.9	23.1	128
68.7	145.0	19251.0	62.0	-61.1	99.9	322.5	8.3	5.0	-6.5	469.8	999.9	99.9	999.9	23.5	128
69.6	146.0	19559.8	59.0	-60.2	99.9	336.5	5.0	2.0	-4.6	478.5	999.9	99.9	999.9	23.9	129
70.6	147.0	19775.9	57.0	-58.3	99.9	25.3	3.1	-1.3	-2.8	487.5	999.9	99.9	999.9	24.0	129
71.5	148.0	20116.0	54.0	-58.5	99.9	11.3	2.6	-0.5	-2.5	494.7	999.9	99.9	999.9	24.0	129
72.2	149.0	20353.0	52.0	-59.0	99.9	340.8	3.1	1.0	-2.9	498.9	999.9	99.9	999.9	24.1	130
73.2	150.0	20726.7	49.0	-58.0	99.9	36.4	5.4	-3.2	-4.3	509.8	999.9	99.9	999.9	24.2	130
74.2	151.0	20989.5	47.0	-57.8	99.9	81.7	4.5	-4.4	-0.6	516.7	999.9	99.9	999.9	24.1	131
75.3	152.0	21264.6	45.0	-56.8	99.9	999.9	99.9	99.9	99.9	525.2	999.9	99.9	999.9	999.9	999
76.1	153.0	21702.2	42.0	-56.3	99.9	999.9	99.9	99.9	99.9	536.9	999.9	99.9	999.9	999.9	999

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Table 7. Explanation of column headings of tabulated sounding data for AVE/VAS V.

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

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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.

Table 8 contains a listing of actual sounding launch times and termination pressures for the rawinsonde stations in the special meso-β network.

Contact and 25-mb data are available on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812.

3.5 Soundings with Abnormal Characteristics. Sounding data collected during the AVE/VAS V experiment generally are of good quality following the processing and rigorous error checking. After the final processing, three soundings were found to have discrepancies in geopotential height. These discrepancies may have been due to a problem with baseline calibration, or to some other unresolved error. These soundings are listed in Table 9, and are presented in Appendix II.

Fifteen soundings in Appendix I had missing data layers that exceeded the five contact limit. These soundings are listed in Table 10. Because of the possible inaccuracy of linear interpolation of temperature in these soundings, temperatures in the deep layers were not interpolated. Heights could not be computed above the layer of missing temperatures.

A second copy of the affected soundings is presented in Appendix II. In these soundings the linear interpolation was performed, so they may contain less accurate temperatures and geopotential heights. Other derived quantities (wind direction, speed, u- and v- components and sonde range and aximuth) will be affected by the use of inaccurate geopotential heights in their computations. These soundings should be considered carefully before use.

4. Other Data

Ground temperatures at a depth of 2 cm (approx.) were taken at special stations maintained by TAMU. These measurements were taken immediately after the sounding launch. These temperatures are presented in Table 11.

Table 8. Launch time (GMT) and termination pressure (mb) for soundings from the AVE/VAS meso-β-scale network.

Date	5/1/82					5/2/82	
Crowell, TX (001)	1113 42mb	1400 11mb	1707 236mb	2002 12mb	2300 77mb	0213 12mb	0500 38mb
Henrietta, TX (002)	1110 16mb	1404 335mb	1702 178mb	2002 11mb	2312 392mb	0229 63mb	0500 179mb
Durant, OK (003)	--	--	1700 13mb	2000 10mb	2301 12mb	--	--
Throckmorton, TX (004)	1137 886mb	1419 10mb	1733 27mb	2001 180mb	2300 14mb	0202 18mb	0500 9mb
Denton, TX (005)	1119 12mb	1401 10mb	1700 14mb	2000 16mb	2300 8mb	0201 12mb	0500 14mb
Abilene, TX (006)	1130 17mb	1403 14mb	1700 15mb	2020 14mb	2303 11mb	0240 11mb	0503 9mb
Ennis, TX (007)	1157 178mb	1400 11mb	1700 17mb	2002 16mb	2301 14mb	0204 27mb	0502 71mb
Brownwood, TX (008)	1108 21mb	1400 20mb	1700 14mb	2000 2044 798mb 9mb	2300 14mb	0202 18mb	0500 13mb
Hewitt, TX (009)	1112 8mb	1411 13mb	1701 11mb	2007 14mb	2300 28mb	0203 6mb	0505 10mb
Menard, TX (010)	1116 9mb	1418 393mb	1700 16mb	2005 287mb	2300 13mb	0200 12mb	0500 58mb
Burnet, TX (011)	1111 15mb	1402 15mb	1702 14mb	2003 15mb	2307 15mb	0215 14mb	0503 202mb
College Station, TX (012)	1100 12mb	1405 12mb	1706 13mb	2010 288mb	2313 10mb	0239 63mb	0500 55mb
Ft. Sill, OK (101)	1059 17mb	1325 16mb	1617 27mb	1915 14mb	2216 135mb	0139 171mb	0415 19mb
Post, TX (102)	1134 162mb	1425 48mb	1729 67mb	2012 46mb	2313 51mb	0210 53mb	0512 49mb
Stephenville, TX (260)	1100 12mb	1415 10mb	1715 386mb	2015 14mb	2300 7mb	0215 9mb	0515 16mb

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Table 9. AVE/VAS V soundings with abnormal characteristics.

Station		Date/GMT	Explanation
Crowell, TX	(004)	01/2002	Heights 25 m low at 500 mb, 50 m low at 200 mb.
Denton, TX	(005)	01/2000	Heights 30 m low at 500 mb, 100 m low at 200 mb.
Hewitt, TX	(009)	01/1411	Heights 30 m low at 500 mb, 50 m low at 200 mb.

Table 10. AVE/VAS V soundings with more than five successive contacts with missing temperatures.

Station		Date/GMT	Explanation
Crowell, TX	(001)	01/2300	Missing data 277-248 mb
Throckmorton, TX	(004)	01/2001	Missing data 735-614 mb
College Station, TX	(012)	01/1100	Missing data sfc-944 mb
		01/2010	Missing data sfc-955 mb and 414-372 mb
		02/0239	Missing data sfc-914 mb
		02/0500	Missing data sfc-948 mb
Ft. Sill, OK	(101)	01/1059	Missing data 750-693 mb
		01/1617	Missing data 523-480 mb
		01/1915	Missing data 516-480 mb and 430-367 mb
		01/2216	Missing data 540-440 mb
Post, TX	(102)	01/1134	Missing data 420-364 mb
Jackson, MS	(235)	01/1700	Missing data 704-662 mb
Victoria, TX	(255)	01/2045	Missing data 435-384 mb
Topeka, KS	(456)	01/2000	Missing data 865-819 mb
Omaha, NE	(553)	01/1115	Missing data 814-770 mb

Table 11. Ground temperatures (^{o}C) at a depth of 2 cm at special rawinsonde stations on May 1-2, 1982.

Station	Time (GMT)						
	12	15	18	21	00	03	06
Crowell, TX	13.8	14.7	19.4	23.8	20.9	18.3	17.5
Henrietta, TX	13.1	15.2	15.8	--	19.9	16.0	16.0
Durant, OK	--	--	17.7	19.1	19.8	--	--
Throckmorton, TX	17.0	17.5	21.2	25.3	24.3	21.1	17.8
Denton, TX	17.8	18.0	19.9	21.8	--	21.0	20.0
Abilene, TX	15.9	16.2	16.8	17.3	17.7	17.0	16.9
Ennis, TX	18.5	18.0	19.1	21.6	21.8	19.1	18.9
Brownwood, TX	18.5	--	18.6	20.2	21.3	20.2	19.4
Hewitt, TX	18.8	19.2	23.6	24.7	24.0	--	20.0
Menard, TX	16.3	17.0	18.9	25.7	23.0	20.9	19.1
Burnet, TX	17.9	19.0	23.1	26.8	24.2	22.0	--
College Station, TX	21.8	22.1	22.6	24.8	25.9	22.1	21.3

Acknowledgements

A number of people have assisted in the production of this report. Their help is greatly appreciated. The author would like to acknowledge the efforts of the following people:

Dr. Robert E. Turner, Chief, and the personnel of the Environmental Applications Branch, Atmospheric Sciences Division, NASA/MSFC, who collected the sounding data from the National Weather Service stations included in this report.

Luke P. Gilchrist, president of GLG Company, Inc. He assisted in setting up the special rawinsonde stations manned by TAMU, and directed the coding of National Weather Service soundings.

Jake Canglose, who provided expert guidance for the five TAMU technicians. Their efforts in maintaining, repairing, and sometimes even rebuilding the equipment used in the special network made the collection of this sounding data possible.

Dr. James R. Scoggins, who directed the field program conducted by TAMU, and the forty student workers who participated in the field work. These people worked long hours under adverse weather conditions to collect data, and later assisted in the coding and processing of the data.

Reference

Fuelberg, H. E., 1974: Reduction and error analysis of the AVE II pilot experiment data. NASA Contractor Report CR-120496. Marshall Space Flight Center, Alabama, 140 pp.

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APPENDIX I

AVE/VAS V Sounding Data

Presented at 25-mb Intervals

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
1113 GMT

146 42 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	.8.8	449.9	900.9	13.2	12.6	80.9	2.0	-2.0	-0.3	288.9	313.3	9.5	96.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	10.5	823.5	950.0	11.7	99.9	41.5	5.8	-3.8	-4.3	289.1	999.9	99.9	999.9	0.2	220
1.4	12.8	846.2	925.0	10.0	8.8	50.2	4.9	-3.8	-3.2	289.5	309.7	7.7	92.1	0.5	222
2.3	15.2	1074.1	900.0	9.3	8.3	78.3	3.8	-3.7	-0.8	291.1	311.3	7.7	93.7	0.7	227
3.1	17.8	1308.2	875.0	9.5	99.9	119.3	2.5	-2.2	1.2	293.7	999.9	99.9	999.9	0.8	236
4.1	20.0	1548.9	850.0	9.0	8.0	144.6	1.5	-0.9	1.2	295.6	316.8	8.0	93.5	0.9	243
5.0	22.5	1796.4	825.0	7.4	6.4	175.9	1.6	-0.1	1.6	296.5	316.2	7.3	92.9	0.8	248
6.0	25.0	2049.3	800.0	5.7	2.8	187.3	2.3	0.3	2.3	297.3	313.4	5.9	81.3	0.8	256
6.9	27.5	2309.1	775.0	4.2	0.5	182.9	3.3	-1.0	3.2	298.3	312.6	5.1	76.8	0.8	266
7.9	30.0	2575.3	750.0	2.2	-1.2	145.2	3.6	-2.0	2.9	298.9	312.0	4.7	78.4	0.9	279
8.9	32.7	2848.9	725.0	1.1	-0.8	107.8	3.1	-2.9	0.9	300.7	314.7	5.0	86.8	1.2	285
9.9	35.3	3131.3	700.0	0.3	-2.5	60.3	4.3	-3.7	-2.1	302.8	315.8	4.5	81.1	1.3	280
11.9	38.1	3422.7	675.0	-1.0	-5.7	34.8	5.3	-3.0	-4.4	304.5	315.3	3.7	70.5	1.4	269
12.3	41.0	3722.8	650.0	-3.6	-5.4	43.0	5.7	-3.9	-4.1	304.9	316.3	3.9	87.4	1.7	258
13.4	43.8	4032.1	625.0	-5.5	-6.6	65.2	5.1	-4.7	-2.2	306.2	317.1	3.7	91.9	2.1	253
14.6	46.6	4353.2	600.0	-5.7	-12.7	81.2	4.4	-4.3	-0.7	309.8	316.9	2.4	57.6	2.4	254
15.8	49.5	4686.0	575.0	-7.5	-15.1	94.2	5.0	-4.9	0.4	311.2	317.5	2.1	54.5	2.7	255
17.1	52.6	5031.0	550.0	-9.3	-15.4	81.9	4.4	-4.3	-0.6	313.1	319.6	2.1	61.2	3.1	258
18.6	55.8	5389.9	525.0	-10.9	-20.0	52.2	3.4	-2.7	-2.1	315.3	320.1	1.5	47.1	3.4	257
19.8	58.9	5763.0	500.0	-13.5	-21.6	26.4	3.5	-1.6	-3.2	316.6	321.0	1.4	50.3	3.6	254
21.5	62.1	6151.6	475.0	-15.7	-27.3	13.6	4.5	-1.0	-4.3	318.6	321.4	0.9	36.0	3.8	249
22.9	65.5	6557.1	450.0	-19.0	-27.3	7.1	5.3	-0.7	-5.2	319.3	322.4	0.9	47.7	4.1	244
24.4	68.9	6979.6	425.0	-22.1	-30.4	355.9	5.5	0.4	-5.5	320.7	323.1	0.7	46.6	4.3	238
26.1	72.4	7422.7	400.0	-25.5	-33.5	353.1	5.2	0.6	-5.2	321.8	323.8	0.6	47.1	4.6	232
28.1	76.1	7887.3	375.0	-29.3	-40.3	332.3	6.9	3.2	-6.1	322.8	323.9	0.3	33.3	4.8	225
30.1	80.0	8375.8	350.0	-33.5	-50.5	321.4	7.4	4.6	-5.8	323.6	324.0	0.1	16.1	5.1	214
32.0	83.8	8881.4	325.0	-37.9	-54.2	313.0	6.5	4.7	-4.4	324.4	324.7	0.1	16.2	5.3	206
34.0	87.8	9437.5	300.0	-42.2*	99.9	318.2	7.6	5.1	-5.7	325.9	999.9	99.9	999.9	5.6	198
36.4	92.2	10019.7	275.0	-47.2	99.9	314.4	8.1	5.8	-5.7	326.9	999.9	99.9	999.9	6.3	189
38.8	96.5	10643.1	250.0	-52.5	99.9	302.3	9.0	7.6	-4.8	328.1	999.9	99.9	999.9	7.0	181
41.2	101.4	11314.3	225.0	-58.8	99.9	297.5	7.3	6.5	-3.4	328.5	999.9	99.9	999.9	7.6	172
43.7	106.4	12043.4	200.0	-64.0	99.9	298.3	9.9	8.9	-4.4	331.4	999.9	99.9	999.9	8.2	166
46.6	112.0	12857.9	175.0	-64.8	99.9	298.0	13.0	11.5	-6.1	343.1	999.9	99.9	999.9	10.0	156
50.2	118.0	13809.4	150.0	-60.9	99.9	287.6	14.1	13.5	-4.3	365.2	999.9	99.9	999.9	12.2	147
54.4	124.7	14935.4	125.0	-62.0	99.9	287.7	14.5	13.8	-4.4	382.8	999.9	99.9	999.9	15.2	138
59.1	132.0	16309.6	100.0	-64.4	99.9	291.0	12.0	11.2	-4.3	403.4	999.9	99.9	999.9	18.5	133
65.2	140.3	18076.3	75.0	-63.7	99.9	296.0	9.0	8.1	-4.0	439.4	999.9	99.9	999.9	21.9	130
72.9	149.7	20802.1	50.0	-58.3	99.9	137.9	4.6	-3.1	3.4	506.2	999.9	99.9	999.9	24.2	130
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
1400 GMT

156 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	449.9	970.5	16.1	14.1	70.0	3.1	-2.9	-1.1	291.7	319.0	10.5	88.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	65.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	10.4	827.5	950.0	12.3	11.4	999.9	99.9	99.9	99.9	289.7	312.9	9.0	94.5	999.9	999
1.6	12.7	851.1	925.0	10.8	10.0	999.9	99.9	99.9	99.9	290.4	312.2	8.4	94.5	999.9	999
2.4	15.1	1079.7	900.0	9.7	8.9	999.9	99.9	99.9	99.9	291.5	312.4	8.0	94.9	999.9	999
3.3	17.5	1314.3	875.0	10.0	9.0	999.9	99.9	99.9	99.9	294.2	316.2	8.3	93.9	999.9	999
4.2	19.9	1555.7	850.0	9.6	8.7	999.9	99.9	99.9	99.9	296.2	318.5	8.3	94.3	999.9	999
5.1	22.3	1803.4	825.0	7.8	6.9	999.9	99.9	99.9	99.9	296.9	317.4	7.6	93.9	999.9	999
6.2	24.9	2056.7	800.0	5.5	4.2	999.9	99.9	99.9	99.9	297.1	314.8	6.5	91.1	999.9	999
7.2	27.4	2316.2	775.0	3.7	0.8	999.9	99.9	99.9	99.9	297.8	312.4	5.3	81.2	999.9	999
8.2	30.0	2582.2	750.0	2.7	-0.0	999.9	99.9	99.9	99.9	299.5	313.8	5.1	82.2	999.9	999
9.3	32.6	2856.9	725.0	2.1	-0.5	999.9	99.9	99.9	99.9	301.7	316.1	5.1	83.2	999.9	999
10.4	35.2	3140.0	700.0	0.9	-2.0	999.9	99.9	99.9	99.9	303.5	317.0	4.7	80.8	1.7	260
11.5	37.8	3431.9	675.0	-0.6	-3.8	93.1	5.6	-5.6	0.3	305.0	317.4	4.3	78.9	2.1	262
12.6	40.6	3732.9	650.0	-2.7	-4.9	88.0	5.5	-5.5	-0.2	305.9	317.8	4.1	84.8	2.5	263
13.8	43.3	4042.8	625.0	-4.8	-6.9	75.0	4.5	-4.4	-1.2	307.0	317.7	3.7	85.8	2.8	264
15.2	46.1	4364.2	600.0	-5.2	-10.1	72.4	3.3	-3.1	-1.0	310.1	318.9	2.9	68.4	3.1	262
16.5	49.0	4697.5	575.0	-7.3	-11.9	75.1	2.3	-2.2	-0.6	311.5	319.6	2.7	69.3	3.3	262
17.8	51.9	5043.5	550.0	-8.5	-14.1	13.0	3.0	-0.7	-2.9	314.0	321.2	2.3	63.8	3.5	260
19.3	54.8	5403.3	525.0	-10.7	-17.5	354.4	4.4	0.4	-4.3	315.6	321.4	1.8	57.0	3.5	255
20.8	57.8	5777.1	500.0	-13.3	-19.6	342.7	6.2	1.8	-5.9	316.8	322.0	1.6	59.2	3.6	247
22.3	60.9	6165.8	475.0	-15.9	-23.4	353.2	5.7	0.7	-5.7	318.4	322.4	1.2	52.1	3.7	239
24.0	64.1	6571.2	450.0	-18.9	-25.4	3.0	4.8	-0.2	-4.7	319.5	323.0	1.1	56.3	4.0	232
25.6	67.4	6995.0	425.0	-21.6	-31.7	344.3	4.7	1.3	-4.6	321.3	323.4	0.6	39.6	4.3	227
27.4	70.7	7438.7	400.0	-25.1	-33.8	326.6	5.7	3.0	-4.9	322.4	324.3	0.5	43.9	4.4	220
29.2	74.3	7904.2	375.0	-28.9	-38.1	324.3	6.1	3.6	-4.9	323.4	324.7	0.4	40.4	4.7	212
31.0	77.9	8394.1	350.0	-32.5	-46.5	307.9	7.4	5.8	-4.5	324.9	325.6	0.2	23.7	4.9	204
32.8	81.7	8911.9	325.0	-36.9	-50.3	289.7	7.9	7.4	-2.7	325.8	326.2	0.1	23.3	5.0	195
34.9	85.5	9460.6	300.0	-41.5	99.9	298.0	6.9	6.1	-3.2	326.9	999.9	99.9	999.9	5.1	185
37.1	89.7	10044.5	275.0	-46.8	99.9	298.0	9.9	8.7	-4.6	327.7	999.9	99.9	999.9	5.8	175
39.3	94.0	10670.5	250.0	-51.5	99.9	280.0	11.1	10.9	-1.9	329.5	999.9	99.9	999.9	6.5	163
41.7	98.6	11347.5	225.0	-56.7	99.9	275.6	11.6	11.5	-1.1	331.6	999.9	99.9	999.9	7.2	151
44.3	103.6	12084.3	200.0	-61.6	99.9	286.7	13.9	13.3	-4.0	334.9	999.9	99.9	999.9	8.5	142
47.2	109.0	12893.6	175.0	-62.6	99.9	296.8	15.3	13.7	-6.9	346.6	999.9	99.9	999.9	10.9	134
50.5	115.0	13857.9	150.0	-62.1	99.9	303.6	14.3	11.9	-7.9	363.1	999.9	99.9	999.9	13.7	133
54.2	121.3	14990.5	125.0	-61.2	99.9	292.1	15.9	14.6	-8.0	384.1	999.9	99.9	999.9	17.2	129
58.6	128.7	16374.1	100.0	-63.5	99.9	281.5	11.0	10.8	-2.2	405.1	999.9	99.9	999.9	20.0	126
64.2	137.3	18147.6	75.0	-62.7	99.9	312.3	8.1	6.0	-5.5	441.5	999.9	99.9	999.9	23.3	124
71.7	147.0	20674.2	50.0	57.3	99.9	27.5	3.4	-1.6	-3.0	508.4	999.9	99.9	999.9	25.2	126
83.8	157.5	25096.4	25.0	-51.9	99.9	77.5	4.6	-4.5	-1.0	635.8	999.9	99.9	999.9	24.2	130

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
1707 GMT

88 233 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	449.0	970.5	18.0	11.3	120.0	1.0	-0.9	0.5	292.5	315.3	8.7	70.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	10.5	830.1	950.0	13.7*	99.9	78.8	3.2	-3.1	-0.7	291.1	999.9	99.9	999.9	0.2	267
1.6	12.7	854.0	925.0	11.5	10.8	68.2	3.1	-2.9	-1.2	291.1	314.2	8.9	95.4	0.4	258
2.6	15.1	1082.9	900.0	10.1	9.5	102.3	2.6	-2.5	0.5	292.0	313.8	8.3	95.7	0.5	257
3.6	17.4	1317.7	875.0	9.6	8.9	149.7	3.1	-1.5	2.6	293.7	315.5	8.2	55.6	0.6	266
4.5	19.8	1550.2	850.0	7.9	5.7	155.2	5.2	-2.2	4.7	294.5	312.7	6.8	85.5	0.7	286
5.5	22.2	1804.1	825.0	6.7	4.2	136.9	4.0	-2.7	2.9	295.7	312.8	6.3	83.6	1.0	298
6.6	24.7	2057.1	800.0	5.9	2.0	110.5	3.9	-3.7	1.4	297.4	312.7	5.5	76.1	1.2	299
7.6	27.1	2316.9	775.0	4.9	1.4	112.5	3.7	-3.4	1.4	299.1	314.3	5.5	77.6	1.5	297
8.7	29.6	2584.4	750.0	3.8	-1.5	118.4	3.2	-2.8	1.5	300.5	313.4	4.6	69.4	1.7	297
9.8	32.1	2850.8	725.0	1.5	-2.2	91.3	3.8	-3.8	0.1	301.2	313.9	4.5	76.4	1.9	296
11.0	34.7	3141.3	700.0	0.0	-2.4	97.1	4.9	-4.9	0.6	302.5	315.6	4.6	83.8	2.1	292
12.1	37.3	3432.1	675.0	-2.0	-3.6	103.7	3.7	-3.6	0.9	303.5	315.9	4.4	88.6	2.5	291
13.4	40.0	3731.8	650.0	-3.2	-5.6	56.0	1.5	-1.2	-0.8	305.3	316.6	3.9	83.2	2.6	290
14.8	42.7	4042.2	625.0	-3.9	-8.2	171.5	1.3	-0.2	1.3	308.0	317.8	3.3	72.3	2.6	289
16.9	45.4	4363.9	600.0	-5.8	-10.3	224.5	2.2	1.5	1.5	309.6	318.4	2.5	69.6	2.6	293
17.3	48.2	4696.7	575.0	-7.3	-11.9	999.9	99.9	99.9	99.9	311.5	319.6	2.7	69.2	2.5	295
18.7	51.1	5042.6	550.0	-8.4	-14.9	999.9	99.9	99.9	99.9	314.1	320.9	2.2	59.4	999.9	999
20.1	54.0	5402.0	525.0	-11.1	-16.6	999.9	99.9	99.9	99.9	315.1	321.4	2.0	63.8	999.9	999
21.6	57.0	5774.8	500.0	-13.8	-19.9	334.5	5.1	2.2	-4.6	316.2	321.3	1.6	59.6	1.8	270
23.2	60.0	6163.6	475.0	-15.7	-24.9	356.8	4.4	0.2	-4.4	318.5	322.0	1.1	45.0	1.7	255
24.8	63.1	6569.8	450.0	-18.3	-30.0	328.8	2.1	1.1	-1.8	320.3	322.6	0.7	34.8	1.9	246
26.5	66.4	6994.2	425.0	-21.0	-33.5	342.1	1.7	0.5	-1.6	321.3	323.1	0.5	32.9	1.8	242
28.2	69.6	7437.9	400.0	-24.9	-42.0	356.1	3.2	0.2	-3.2	322.7	323.5	0.2	18.4	1.9	236
30.1	73.1	7903.3	375.0	-28.8	-43.9	354.1	4.4	0.5	-4.4	323.4	324.2	0.2	21.6	2.2	225
31.9	76.6	8393.3	350.0	-32.8	-48.5	999.9	99.9	99.9	99.9	324.7	325.2	0.1	18.6	2.3	214
34.0	80.3	8910.5	325.0	-37.0	-51.4	999.9	99.9	99.9	99.9	325.7	326.1	0.1	20.5	999.9	999
36.1	84.3	9458.1	300.0	-42.3	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	2.8	186
38.3	88.3	10040.9	275.0	-47.2	99.9	299.0	8.8	7.5	-4.2	326.9	999.9	99.9	999.9	3.6	153
40.6	92.6	10665.7	250.0	-51.6	99.9	999.9	99.9	99.9	99.9	329.4	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	995.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
2300 GMT

120 27 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIXRTIO GM KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	449.9	965.8	19.6	13.8	0.0	0.0	0.0	0.0	295.7	322.9	10.3	89.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	399.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	11.3	591.3	950.0	17.8	12.2	115.5	2.8	-2.3	1.1	295.3	320.2	9.4	69.6	0.1	294
1.5	13.7	819.1	925.0	15.8	11.8	127.4	1.7	-1.4	1.1	295.5	320.6	9.5	77.1	0.2	297
2.1	16.1	1051.4	900.0	13.7	11.4	150.6	1.6	-0.8	1.4	295.6	320.7	9.4	85.8	0.2	300
2.9	18.5	1288.6	875.0	11.5	9.9	171.6	3.3	-0.5	3.3	295.8	319.3	8.8	89.8	0.3	312
3.6	21.0	1530.7	850.0	10.0	8.7	187.1	4.1	0.5	4.0	296.6	319.0	8.3	91.5	0.5	329
4.3	23.5	1778.7	825.0	8.3	7.2	186.9	4.2	0.5	4.2	297.3	318.4	7.9	93.3	0.6	340
5.0	26.0	2032.7	800.0	6.8	5.7	180.5	4.8	0.0	4.8	298.4	318.0	7.2	93.2	0.8	347
5.8	28.6	2293.8	775.0	5.2	4.2	175.3	4.3	-0.4	4.3	299.4	317.9	6.7	93.2	1.0	346
6.6	31.2	2561.3	750.0	3.8	2.8	174.7	3.7	-0.3	3.7	300.7	318.1	6.3	93.2	1.2	349
7.3	33.8	2836.4	725.0	2.3	1.2	183.6	1.9	0.1	1.9	301.9	318.1	5.8	92.4	1.3	350
8.2	36.4	3119.6	700.0	0.8	-3.4	188.5	1.6	0.2	1.6	303.4	315.6	4.3	73.4	1.4	351
9.1	39.0	3411.7	675.0	0.4	-8.1	120.4	0.9	-0.7	0.4	308.1	316.6	3.8	62.0	1.5	351
10.0	41.8	3713.9	850.0	-0.7	-8.8	359.8	0.8	0.0	-0.8	308.2	317.3	3.0	54.2	1.5	350
11.0	44.6	4027.1	825.0	1.5	-13.8	358.6	1.4	0.0	-1.4	310.7	317.2	2.1	38.4	1.4	351
11.9	47.3	4351.1	800.0	-3.8	-18.3	29.1	1.5	-0.7	-1.3	311.9	316.7	1.5	30.8	1.3	349
12.9	50.2	4686.1	575.0	-5.4	-16.0	28.7	2.0	1.0	-1.8	313.7	319.7	1.9	42.8	1.3	347
13.7	53.1	5033.9	550.0	-7.3	-21.0	17.2	2.8	-0.8	-2.7	315.4	319.6	1.3	32.5	1.2	347
14.7	56.1	5394.8	525.0	-9.8	-27.5	999.9	99.9	99.9	99.9	316.7	319.2	0.8	21.9	999.9	999
15.8	59.3	5769.7	500.0	-12.0	-35.6	999.9	99.9	99.9	99.9	318.4	319.7	0.4	11.8	999.9	999
16.8	62.4	6159.8	475.0	-14.8	-44.3	999.9	99.9	99.9	99.9	319.7	320.3	0.2	6.0	999.9	999
17.9	65.6	6567.3	450.0	-17.1	-46.0	999.9	99.9	99.9	99.9	321.7	322.2	0.1	6.1	999.9	999
19.0	68.9	6993.0	425.0	-20.7	-45.7	999.9	99.9	99.9	99.9	322.5	323.1	0.1	8.4	999.9	999
20.0	72.3	7437.8	400.0	-24.7*	99.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999
21.0	75.9	7903.5	375.0	-28.7	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999
22.4	79.4	8393.8	350.0	-32.7	-43.0	999.9	99.9	99.9	99.9	324.6	325.5	0.2	34.5	999.3	999
23.7	83.2	8910.8	375.0	-37.3	-47.2	999.9	99.9	99.9	99.9	325.2	325.9	0.2	34.5	999.9	999
25.0	87.2	9457.8	300.0	-42.4	99.9	999.9	99.9	99.9	99.9	325.6	999.9	99.9	999.9	999.9	999
26.4	91.3	99.9	275.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
27.9	95.7	99.9	250.0	99.9**	99.9	999.9	99.9	99	99.9	99.9	999.9	99.9	999.9	999.9	999
29.7	100.3	99.9	225.0	58.7	99.9	999.9	99.9	99.9	99.9	371.7	999.9	99.9	999.9	999.9	999
31.6	105.3	99.9	200.0	-59.7	99.9	999.9	99.9	99.9	99.9	338.3	999.9	99.9	999.9	999.9	999
33.6	110.6	99.9	175.0	-83.3*	99.9	999.9	99.9	99.9	99.9	345.4	999.9	99.9	999.9	999.9	999
36.4	116.5	99.9	150.0	62.1	99.9	999.9	99.9	99.9	99.9	363.2	999.9	99.9	999.9	999.9	999
39.9	123.0	99.9	125.0	-80.6	99.9	999.9	99.9	99.9	99.9	385.3	999.9	99.9	999.9	999.9	999
43.8	130.3	99.9	100.0	-63.4	99.9	999.9	99.9	99.9	99.9	405.2	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 1
CROWELL, TEXAS

2 MAY 1982
213 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	449.9	966.5	17.5	16.4	0.0	0.0	0.0	0.0	293.5	325.2	12.2	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	11.6	597.5	950.0	17.0	12.9	113.4	0.9	-0.8	0.3	294.5	320.6	9.9	76.7	0.1	273
1.4	14.0	824.7	925.0	15.0	11.7	142.6	1.7	-1.0	1.3	294.7	319.5	9.4	80.3	0.1	290
2.3	16.5	1056.7	900.0	13.2	10.9	140.6	2.4	-1.6	1.9	295.1	319.3	9.2	86.0	0.2	307
3.1	19.0	1293.2	875.0	11.2	10.0	140.6	2.6	-1.7	2.0	295.4	318.9	8.8	92.3	0.4	311
4.0	21.5	1535.3	850.0	9.7	8.7	151.2	2.8	-1.3	2.4	296.3	318.6	8.3	93.3	0.5	315
4.9	24.1	1783.1	825.0	8.2	7.0	158.4	2.7	-1.0	2.5	297.2	318.5	7.7	92.6	0.6	321
5.9	26.6	2037.4	800.0	7.0	5.8	156.9	3.8	-1.5	3.5	298.6	318.4	7.3	92.3	0.8	323
6.7	29.1	2298.1	775.0	5.4	4.2	155.4	3.5	-1.5	3.2	299.6	317.9	6.7	92.0	1.0	327
7.7	31.6	2566.1	750.0	3.8	2.7	161.6	2.2	-0.7	2.1	300.8	318.0	6.2	92.3	1.1	327
8.6	34.3	2841.3	725.0	2.4	0.8	188.3	2.7	0.4	2.7	302.2	317.9	5.6	88.7	1.3	329
9.6	36.9	3124.1	700.0	0.3	-6.1	223.1	4.9	3.4	3.6	302.8	312.9	3.5	62.1	1.4	338
10.4	39.6	3415.4	675.0	-0.9	-7.1	217.4	5.9	3.6	4.7	304.7	314.4	3.3	62.4	1.5	348
11.4	42.3	3717.1	650.0	-1.0	-9.4	210.3	3.7	1.8	3.2	307.8	316.4	2.9	53.0	1.7	355
12.5	45.1	4028.9	625.0	-3.1	-12.0	177.3	1.1	-0.1	1.1	308.9	316.3	2.4	50.4	1.9	358
13.6	47.9	4351.3	600.0	-4.7	-16.9	128.6	1.6	-1.3	1.0	310.7	316.0	1.7	37.9	1.9	356
14.9	51.0	4685.8	575.0	-5.8	-16.6	66.4	2.5	-2.3	-1.0	313.2	318.9	1.8	42.3	2.0	352
16.1	53.9	5032.7	550.0	-7.9	-25.4	47.0	2.9	-2.1	-2.0	314.8	317.7	0.9	23.6	1.8	347
17.4	56.9	5393.0	525.0	-10.0	-31.0	20.8	2.8	-1.0	-2.6	316.4	318.2	0.5	16.0	1.7	341
18.8	60.0	5767.6	500.0	-12.0	-36.2	347.2	2.8	0.6	-2.8	318.5	319.7	0.3	11.1	1.5	339
20.2	63.1	6158.8	475.0	-14.2	-37.0	343.0	3.8	1.1	-3.7	320.4	321.5	0.3	12.4	1.2	336
21.6	66.3	6566.2	450.0	-17.6	-39.3	999.9	99.9	99.9	99.9	321.1	322.1	0.3	13.0	999.9	999
23.1	69.6	6990.9	425.0	-21.3	-42.6	999.9	99.9	99.9	99.9	321.7	322.5	0.2	12.5	999.9	999
24.7	73.0	7434.9	400.0	-24.9	-44.7	999.9	99.9	99.9	99.9	322.7	323.3	0.2	13.7	999.9	999
26.4	76.6	7900.7	375.0	-28.7	-47.5	999.9	99.9	99.9	99.9	323.6	324.1	0.1	14.4	999.9	999
28.2	80.1	8389.9	350.0	-33.5*	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999
30.0	84.0	8904.6	325.0	-38.5	-53.9	999.9	99.9	99.9	99.9	323.6	323.9	0.1	17.8	999.9	999
31.9	87.8	9449.4	300.0	-42.5	99.9	999.9	99.9	99.9	99.9	325.5	999.9	99.9	999.9	999.9	999
34.2	92.0	10031.6	275.0	-46.7	99.9	292.1	15.6	13.6	-7.6	327.5	999.9	99.9	999.9	7.3	119
36.8	96.4	10656.3	250.0	-51.9	99.9	293.4	15.5	14.2	-6.2	329.0	999.9	99.9	999.9	9.5	119
39.2	101.0	11332.5	225.0	-55.9	99.9	288.6	16.1	15.3	-5.1	332.8	999.9	99.9	999.9	12.0	117
42.2	106.0	12077.1	200.0	-60.0	99.9	288.5	17.4	16.5	-5.5	337.8	999.9	99.9	999.9	14.3	115
45.0	111.2	12902.3	175.0	-62.7	99.9	291.7	21.0	19.5	-7.8	346.5	999.9	99.9	999.9	18.1	114
48.3	117.0	13851.9	150.0	-63.3	99.9	294.6	21.5	19.6	-9.0	361.1	999.9	99.9	999.9	22.4	114
52.2	123.7	14974.2	125.0	-62.8	99.9	300.0	19.7	17.1	-9.8	381.4	999.9	99.9	999.9	27.4	114
56.8	131.0	16341.4	100.0	-64.8	99.9	306.9	14.4	11.5	-8.6	402.6	999.9	99.9	999.9	31.7	116
62.0	139.3	18100.7	75.0	-64.6	99.9	329.1	7.0	3.2	-6.0	437.5	999.9	99.9	999.9	35.2	117
70.1	149.5	20602.0	50.0	-60.8	99.9	22.6	4.2	-1.6	-3.9	500.3	999.9	99.9	999.9	35.7	119
82.4	160.5	24977.9	25.0	-53.0	99.9	999.9	99.9	99.9	99.9	632.6	999.9	99.9	999.9	34.0	123

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 1
CROWELL, TEXAS

2 MAY 1982
500 GMT

145 38 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.8	449 9	987 8	17 2	16 6	0 0	0 0	0 0	0 0	293 1	325 1	12 4	96 0	0 0	0
99.9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	975 0	99.9	99.9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
0.7	11.4	607 5	950 0	15 9+	99 9	132 6	2 0	-1 5	1 4	293 3	999 9	99 9	999 9	0 0	331
1 5	13.7	833 5	925 0	14.5	11 6	179 8	3 8	-0 0	3.8	294 1	318 7	9 3	82.9	0 2	324
2.4	16.0	1064 8	900 0	12 7	11.5	177.1	4 8	-0 2	4.8	294 6	319 8	9 0	92 8	0 4	357
3.2	18 5	1301 2	875 0	10.8	9 7	168 4	5 8	-1 2	5 7	295 0	318 1	8 7	92 7	0 7	353
4.2	20.9	1543.0	850 0	9 7	8 7	165 6	4.9	-1 2	4 8	296 3	318 8	8 4	93.5	1 0	351
5.0	23.3	1790.8	825.0	8.2	7.2	165 8	4.3	-1 1	4 2	297 2	318 2	7 8	93 7	1 2	350
6 0	25 7	2045 0	800 0	7 1	6 2	173 0	4.8	-0 8	4 8	298 7	319 0	7 5	94 2	1 5	350
7.0	28 2	2305.8	775 0	5 2	4 3	186 5	4 7	0 5	4 7	299 5	317 9	6 7	93 4	1 7	351
8 0	30.8	2573 4	750 0	3 6	2 7	195 4	5 8	1.5	5 6	300 5	317 8	6 2	93 4	2 0	355
9 0	33 3	2848 4	725 0	2 0	1 0	211 1	7 4	3 8	6 3	301 7	317 6	5 7	92 9	2 4	359
10 1	35.9	3131.1	700.0	0.5	-2 2	219 7	8 6	5 5	6 6	303 1	316 3	4 7	82 0	2 8	5
11.1	38 5	3422 6	675 0	-1.2	-5 8	222 9	6 7	4 6	4 9	304 4	315 0	3 7	70 7	3 2	11
12.3	41.2	3723 9	650 0	-0 9	-8 9	198 8	3 7	1 2	3 5	308 0	316 9	3 0	54 3	3 5	13
13.5	43 9	4036.1	625.0	-2.3	-14.3	172 8	3 2	-0 4	3 1	309 8	316 0	2 0	39 4	3 7	13
14.7	46.7	4359 7	600.0	-3.4	-19 9	171 3	3.1	-0 5	3 0	312 2	316 4	1 3	26 6	4 0	11
16.0	49 5	4695 1	575 0	-5.7	-17 7	154 7	2 0	-0 9	1 8	313 3	318 5	1 7	38 3	4 2	10
17.3	52.4	5042.2	550.0	-7 7	-27.8	161 0	0 9	-0 3	0 8	315 0	317 3	0 7	18 1	4 2	9
18.6	55 4	5402 3	525 0	-10.3	-33.5	323 1	1 2	0.7	-1 0	316 0	317 5	0 4	13 0	4 2	9
20.0	58.3	5776.2	500 0	-12.8	-39 1	326 3	2 3	1 2	-1 9	317 4	318 3	0 3	8 9	4 1	10
21 5	61.4	6165 7	475 0	-14.8	-44 4	333 0	3 4	1 6	-3 1	319 6	320 2	0 2	6 2	3 9	13
23 1	64.5	6572.2	450 0	-18 3	-42 2	337 3	3 5	1 4	-3 2	320 2	321 0	0 2	10 2	3 6	16
24.6	67.8	6995.7	425 0	-21.8	-47.1	321.4	3.9	2.4	-3 1	321 1	321 6	0 1	8 0	3 4	20
26.3	71.1	7438 7	400 0	-25 5	-46 4	314 1	6 8	4 9	-4 8	321 9	322 4	0 1	12 0	[illegible]	29
27.9	74.6	7903 2	375 0	-29 8	-47 8	319 6	9 2	6 0	-7 0	322 4	322 9	0 1	15 1	3 1	42
29.7	78.2	8390.9	350.0	-33.8	-49.4	308.2	9 9	7 8	-6 1	323 1	323 6	0 1	18 8	3 2	62
31 8	82.0	8905 4	325 0	-37.6	-55 1	300 6	12.8	10 9	-6 4	324 9	325 1	0 1	13 9	4 0	78
33.8	85.8	9453 0	300.0	-41 6	99 9	307 0	13 5	10.8	-8 1	326 7	999 9	99 9	999 9	5 4	92
36.0	90.0	10035 9	275 0	-46 9	99.9	301 9	12 1	10 3	-6 4	327 4	999 9	99 9	999 9	6 7	99
38.2	94.3	10664.0	250 0	-49 6	99 9	297 1	16 4	14 6	-7 5	332 4	999 9	99 9	999 9	8 5	103
40.5	99 0	11346.1	225 0	-54 9	99.9	294.5	16 7	15 2	-6 9	334 4	999 9	99 9	999 9	10 9	106
43.2	103.8	12090 8	200 0	-60 5	99 9	290 5	17 3	16 2	-6 1	337 0	999 9	99 9	999 9	13 6	107
46.2	109 3	12916 2	175 0	-62 6	99 9	299 0	20 8	18 1	-10 1	346 7	999 9	99 9	999 9	17 1	109
49.4	115.0	13865.6	150 0	-62.7	99 9	295.7	19 9	17 9	[illegible]	362 0	999 9	99 9	999 9	20 8	111
53.4	121.7	14985.7	125 0	-63.5	99.9	299.4	17 7	15 4	-8 7	380 0	999 9	99 9	999 9	25 7	111
57.9	129.0	16356 3	100.0	-63 5	99 9	301 3	12 6	10 8	-6 6	405 1	999 9	99 9	999 9	29 5	113
63 8	137.7	18116.1	75 0	-64 8	99 9	336 3	6 8	2 7	-6 2	437 0	999 9	99 9	999 9	32 9	114
71 9	148.0	20610.2	50 0	-63 1	99 9	999 9	99 9	99 9	99 9	494 8	999 9	99 9	999.9	33 8	115
99.9	99.9	99.9	25 0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 2
HENRIETTA, TEXAS

: MAY 1982
1110 GMT

158 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	287.5	987.5	14.0	12.4	360.0	1.0	0.0	-1.0	288.2	311.8	9.2	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	9.1	394.9	975.0	12.9	12.2	66.0	7.3	-6.7	-3.0	288.1	311.8	9.2	95.9	0.2	197
1.1	11.5	613.8	950.0	12.8	12.4	77.4	5.2	-5.1	-1.1	290.2	315.0	9.6	97.0	0.4	228
2.0	13.9	838.0	925.0	12.0	11.6	54.5	2.9	-2.3	-1.7	291.6	315.8	9.3	97.2	0.6	238
2.7	16.3	1068.0	900.0	11.7	11.1	90.2	1.3	-1.3	0.0	293.5	317.9	9.3	96.2	0.6	236
3.6	18.7	1303.7	875.0	10.7	10.2	141.4	2.2	-1.4	1.7	294.9	318.7	9.0	96.6	0.6	243
4.5	21.2	1545.4	850.0	9.6	6.9	165.5	2.0	-0.5	1.9	296.2	316.1	7.4	82.9	0.7	253
5.3	23.7	1793.2	825.0	8.9	2.2	196.0	3.9	1.1	3.7	298.0	313.1	5.5	62.6	0.6	264
6.2	26.1	2047.5	800.0	7.0	1.0	198.0	4.3	1.3	4.1	298.6	312.9	5.2	65.7	0.6	288
7.2	28.7	2307.8	775.0	4.4	1.4	178.5	4.2	-0.1	4.2	298.6	313.7	5.5	80.8	0.6	310
8.1	31.2	2574.2	750.0	2.7	1.2	158.0	4.9	-1.8	4.5	299.5	315.0	5.6	90.0	0.8	318
9.2	33.9	2847.7	725.0	0.7	0.1	171.9	3.9	-0.5	3.8	300.2	315.1	5.3	96.2	1.1	324
10.1	36.5	3130.0	700.0	-0.2	-0.8	210.1	2.8	1.4	2.4	302.3	316.9	5.2	95.6	1.3	330
11.2	39.2	3420.7	675.0	-1.6	-2.1	238.0	2.2	1.8	1.1	303.8	317.7	4.9	96.4	1.3	337
12.3	41.9	3720.5	650.0	-3.4	-4.0	292.0	0.9	0.8	0.3	305.1	317.8	4.4	95.9	1.3	340
13.4	44.7	4030.5	625.0	-4.7	-5.9	143.5	2.9	-1.7	2.3	307.1	318.7	3.9	91.2	1.3	339
14.5	47.4	4351.5	600.0	-5.9	-8.8	168.4	5.3	-1.1	5.2	309.4	319.2	3.3	79.8	1.6	338
15.6	50.3	4684.3	575.0	-7.6	-10.1	186.7	7.0	0.8	7.0	311.1	320.4	3.1	82.5	2.0	343
16.9	53.3	5029.2	550.0	-9.7	-2.3	185.7	6.3	0.6	6.2	312.6	320.9	2.7	80.8	2.5	343
18.1	56.3	5387.3	525.0	-11.6	-14.8	183.5	4.8	0.3	4.8	314.5	321.6	2.3	76.9	2.9	350
19.4	59.3	5759.7	500.0	-14.4	-16.2	192.0	4.3	0.9	4.2	315.5	322.3	2.2	86.3	3.2	352
20.7	62.5	6146.8	475.0	-17.3	-18.6	196.6	4.8	1.4	4.6	316.5	322.4	1.8	89.7	3.6	354
22.1	65.6	6550.4	450.0	-19.9	-21.1	188.0	4.3	0.6	4.3	318.2	323.3	1.6	90.1	3.9	357
23.6	69.0	6972.1	425.0	-22.7	-26.7	125.2	3.0	-2.5	1.7	319.9	323.3	1.0	69.1	4.3	356
25.2	72.4	7414.8	400.0	-25.5	-35.1	34.4	4.0	-2.3	-3.3	321.9	323.6	0.5	40.0	4.2	353
26.9	75.9	7879.6	375.0	-29.2	-39.3	19.1	5.5	-1.8	-5.2	322.9	324.1	0.3	36.8	3.7	349
28.7	79.6	8368.6	350.0	-33.3	-42.0	11.4	4.5	-0.9	-4.4	323.8	324.8	0.3	41.1	3.2	345
30.5	83.3	8884.6	325.0	-37.5	-42.2	352.7	3.7	0.5	-3.7	325.0	326.1	0.3	61.2	2.8	342
32.2	87.3	9431.8	300.0	-42.4	99.9	343.7	5.3	1.4	-4.8	325.6	999.9	99.9	999.9	2.4	341
34.1	91.5	10014.7	275.0	-46.7	99.9	347.2	5.0	1.1	-4.9	327.6	999.9	99.9	999.9	1.8	340
35.9	95.8	10639.0	250.0	-51.8	99.9	342.7	5.3	1.6	-5.1	329.0	999.9	99.9	999.9	1.2	338
37.9	100.5	11312.8	225.0	-57.3	99.9	321.6	4.6	2.8	-3.6	330.7	999.9	99.9	999.9	0.6	340
39.9	105.4	12045.7	200.0	-63.6	99.9	317.4	3.1	2.1	-2.3	332.0	999.9	99.9	999.9	0.3	18
41.8	110.8	12857.9	175.0	-64.7	99.9	307.8	6.2	4.9	-3.8	343.1	999.9	99.9	999.9	0.4	90
44.5	116.7	13805.5	150.0	-61.2	99.9	290.8	12.1	11.3	-4.3	364.7	999.9	99.9	999.9	1.9	112
47.8	123.3	14934.8	125.0	-62.4	99.9	285.1	15.7	15.2	-4.1	382.0	999.9	99.9	999.9	4.7	107
51.7	130.7	16306.5	100.0	-64.1	99.9	287.7	12.7	12.1	-3.8	403.9	999.9	99.9	999.9	8.1	106
57.0	139.3	18073.5	75.0	-62.9	99.9	289.8	11.8	11.1	-4.0	438.9	999.9	99.9	999.9	12.3	107
64.5	149.3	20590.5	50.0	-59.2	99.9	352.6	5.4	0.7	-5.3	504.1	999.9	99.9	999.9	15.6	110
75.6	160.0	24980.8	25.0	-55.2	99.9	85.8	2.3	-2.3	-0.2	625.9	999.9	99.9	999.9	15.0	116

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

STATION NO 2
HENRIETTA, TEXAS

1 MAY 1982
1404 GMT

75 335 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8.0	287 5	988.8	18.1	11 9	999 9	99 9	99 9	99 9	290 2	313 3	8 9	76 0	999 9	999
99 9	99 9	99 9	1000 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 7	9 3	406 5	975 0	14.2	12 6	999 9	99 9	99 9	99 9	289 5	313 9	9 5	90 1	999 9	999
1 5	11.6	626.0	950.0	13 5	12 1	999 9	99 9	99 9	99 9	290.9	315 4	9 4	91 1	999 9	999
2 3	13 9	851 0	925.0	12 7	11 3	999 9	99 9	99 9	99 9	292 4	316 4	9 2	91 0	999 9	999
3 1	16 3	1081 4	900 0	12 3	10 8	999 9	99 9	99 9	99 9	294 2	318 3	9 1	90 6	999 9	999
4 0	18 7	1317 6	875.0	10 8	6 6	999 9	99 9	99 9	99.9	295 0	314 1	7 1	75 7	999 9	999
4 9	21 2	1558 7	850.0	9 0	0 3	999 9	99 9	99 9	99 9	295 6	308 4	4 6	54 3	999 9	999
5 9	23 7	1805 2	825 0	7 3	0 7	999 9	99 9	99 9	99 9	296 3	309 8	4 9	63 0	999 9	999
6 9	26 2	2057 9	800 0	5 9	-0 3	999 9	99 9	99 9	99 9	297 5	310 5	4 7	64 2	999 9	999
8 0	28 6	2317 3	775 0	4 2	1 7	999 9	99 9	99 9	99 9	298 3	313 8	5 6	84 0	999 9	999
9 0	31.2	2584 0	750 0	2 9	1 3	999 9	99 9	99 9	99 9	299 8	315 3	5 6	88 8	999 9	999
10 0	33 8	2856 5	725.0	1 4	-0 4	999.9	99 9	99 9	99 9	301 0	315 5	5 7	88 0	999 9	999
11 0	36 4	3140 5	700.0	0.4	-3 2	999 9	99 9	99.9	99 9	303 0	315 4	4 3	76 6	999 9	999
12 0	39 1	3431.3	675 0	-1 6	-5 3	999 9	99 9	99 9	99 9	303 8	314 9	3 8	75 9	999 9	999
13 2	41 8	3732.3	650.0	-2 2	-4 6	999.9	99 9	99 9	99 9	306 5	318 7	4 2	84 0	999 9	999
14.3	44 4	4043 2	625.0	-4 4	-6 7	999 9	99 9	99.9	99 9	307 5	318 3	3 7	83 4	999 9	999
15 6	47 2	4364 1	600 0	-7.2	-9.3	999.9	99 9	99 9	99 9	307 8	317 2	3 2	85 1	999 9	999
16 7	50 1	4695 9	575 0	-8 3	-10 0	999.9	99 9	99 9	99 9	310 3	319 6	3 1	87 3	999 9	999
17 9	52 9	5040 5	550 0	-9 9	-11 8	999.9	99 9	99 9	99 9	312 4	320 9	2 8	85 4	999 9	999
19 2	55.9	5398 7	525.0	-11 3	-13 6	999 9	99 9	99 9	99 9	314 8	322 7	2 5	83 1	999 9	999
20.6	59 0	5771.2	500 0	-14.6	-17.5	999 9	99 9	99 9	99 9	315 3	321 4	1 9	78 1	999 9	999
21 9	62 0	6158 4	475 0	-18.0	-22 0	999 9	99 9	99 9	99 9	315 7	320 1	1 4	70 5	999 9	999
23 3	65 3	6562 9	450.0	-19.0	-28.2	999 9	99 9	99 9	99.9	319 3	322 1	0 8	43 8	999 9	999
24 7	68.5	6985 9	425 0	-22 5	-29 2	999 9	99 9	99.9	99 9	320 1	322 8	0 8	54 3	999 9	999
26 2	71 9	7428 4	400 0	-25 4	-43 8	999 9	99 9	99 9	99 9	321 9	322 6	0 2	16 0	999 9	999
28 0	75 3	7892 8	375 0	-29 4	-45.1	999 9	99 9	99 9	99.9	322.7	323 3	0 2	20 1	999 9	999
29 7	78 8	8381 6	350 0	-33 5	-46 3	999 9	99 9	99 9	99 9	323 6	324 2	0 2	26 0	999 9	999
99 9	99 9	99 9	325 0	99.9	99 9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	300 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	275 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	250 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	225.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	200 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	175.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	150 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	125 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	100.0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	25 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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

STATION NO 2
HENRIETTA, TEXAS

1 MAY 1982
1702 GMT

102 178 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	287.5	989.5	16.9	14.2	0.0	0.0	0.0	0.0	290.9	317.7	10.4	84.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	9.6	413.2	975.0	14.9	13.0	99.1	2.2	-2.2	0.4	290.1	315.2	9.7	88.4	0.1	311
1.4	11.9	633.1	950.0	13.5	12.3	105.8	3.1	-3.0	0.9	290.9	315.5	9.5	92.4	0.2	298
2.2	14.3	858.4	925.0	13.3	11.9	111.6	3.8	-3.6	1.4	292.9	317.9	9.6	91.4	0.4	289
3.1	16.5	1089.1	900.0	12.0	10.7	148.2	3.7	-2.0	3.2	293.9	317.7	9.0	91.6	0.5	298
4.1	18.9	1325.0	875.0	10.8	9.4	163.6	4.0	-1.1	3.9	295.0	317.6	8.5	91.3	0.7	309
5.0	21.3	1566.7	850.0	9.3	7.9	167.0	3.6	-0.8	3.5	295.9	317.0	7.9	90.9	0.9	318
5.9	23.8	1814.2	825.0	7.7	6.3	181.2	2.1	0.0	2.1	296.7	316.5	7.3	91.2	1.1	322
6.9	26.2	2067.7	800.0	6.3	4.9	218.3	2.0	1.2	1.6	297.9	316.5	6.8	90.8	1.1	327
7.9	28.7	2328.1	775.0	4.9	3.4	221.7	2.2	1.5	1.7	299.0	316.5	6.3	90.2	1.1	333
8.9	31.2	2595.2	750.0	3.5	1.9	219.5	2.3	1.5	1.8	300.3	316.7	5.9	89.4	1.2	339
9.9	33.8	2870.0	725.0	1.9	0.5	209.2	3.2	1.5	2.8	301.6	317.0	5.5	90.3	1.3	345
11.1	36.4	3153.3	700.0	0.9	-0.5	207.1	3.7	1.7	3.3	303.5	318.5	5.3	90.4	1.5	351
12.2	39.0	3445.3	675.0	-0.4	-2.0	215.3	3.8	2.2	3.1	305.2	319.2	4.9	89.0	1.7	357
13.3	41.7	3746.9	650.0	-1.7	-4.2	240.8	4.1	3.6	2.0	307.1	319.6	4.3	82.7	1.9	3
14.6	44.4	4058.7	625.0	-3.3	-5.4	254.6	5.3	5.2	1.4	308.6	320.7	4.1	85.6	2.0	12
15.9	47.2	4380.9	600.0	-5.2	-7.3	255.8	6.0	5.8	1.5	310.1	321.1	3.7	85.1	2.3	23
17.2	50.0	4714.4	575.0	-7.7	-11.5	252.8	6.4	6.1	1.9	311.0	319.4	2.8	73.8	2.6	31
18.6	53.0	5059.2	550.0	-9.8	-16.0	247.6	5.4	5.0	2.1	312.4	318.6	2.0	60.3	3.0	37
19.9	55.9	5417.5	525.0	-11.4	-17.4	238.7	4.3	3.7	2.2	314.8	320.6	1.9	60.9	3.3	40
21.4	58.9	5790.2	500.0	-13.6	-17.9	288.9	2.1	2.0	-0.7	316.4	322.4	1.9	70.2	3.6	42
23.0	62.0	6178.7	475.0	-16.2	-22.0	30.6	3.0	-1.5	-2.6	318.0	322.4	1.4	60.7	3.5	42
24.6	65.1	6584.1	450.0	-18.6	-30.0	27.8	5.0	-2.3	-4.4	319.9	322.3	0.7	35.7	3.1	44
26.1	68.3	7008.2	425.0	-21.4	-37.8	1.2	5.1	-0.1	-5.1	321.5	322.8	0.3	21.0	2.7	48
27.7	71.6	7452.9	400.0	-24.3	-44.7	334.8	4.6	1.9	-4.1	323.5	324.1	0.2	13.0	2.5	58
29.5	75.1	7919.6	375.0	-28.3	-42.0	324.0	3.8	2.2	-3.0	324.2	325.1	0.2	25.2	2.5	68
31.3	78.7	8410.1	350.0	-32.6	-45.7	318.2	4.4	3.0	-3.3	324.8	325.5	0.2	25.5	2.7	75
33.1	82.3	8927.4	325.0	-37.3	-47.2	307.4	7.2	5.7	-4.4	325.3	325.9	0.2	34.5	3.1	86
35.0	86.3	9475.9	300.0	-41.3	99.9	292.8	8.9	8.2	-3.5	327.2	999.9	99.9	999.9	3.9	93
37.1	90.3	10060.8	275.0	-46.3	99.9	292.3	8.7	8.1	-3.3	328.2	999.9	99.9	999.9	5.0	97
39.1	94.7	10686.7	250.0	-51.7	99.9	278.2	9.0	8.9	-1.3	329.3	999.9	99.9	999.9	6.0	99
41.5	99.3	11361.8	225.0	-57.1	99.9	270.7	10.4	10.4	-0.1	331.0	999.9	99.9	999.9	7.3	98
43.9	104.2	12098.4	200.0	-61.9	99.9	999.9	99.9	99.9	99.9	334.8	999.9	99.9	999.9	9.0	98
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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

STATION NO 2
HENRIETTA, TEXAS

1 MAY 1982
2002 GMT

157 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8 3	287 5	987 8	18 4	14 1	999 9	99 9	99 9	99 9	292 6	319 4	10 3	76 0	999 9	999
99 9	99 9	99 3	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	09 9	999 9	999 9	999
0 5	9 5	399 6	975 0	17 6	15 0	999 9	99 9	99 9	99 9	292 8	321 6	11 1	84 8	999 9	999
1.3	11.6	621 8	950 0	16 1	14 1	999 9	99 9	99 9	99 9	293 5	321 5	10 7	88 0	999 9	999
2 3	14 0	848 5	925 0	15 2	12 7	999 9	99 9	99 9	99 9	294 8	321 3	10 0	85 1	999 9	999
3 1	16 3	1081 3	900 0	14 9	8 2	999 9	99 9	99 9	99 9	296 9	317 4	7 6	64 1	999 9	999
4 0	18.6	1319 3	875 0	13 1	7 2	999 9	99 9	99 9	99 9	297 4	317 2	7 3	67 1	999 9	999
4 9	21 0	1562 7	850 0	11 5	6 1	999 9	99 9	99 9	99 9	298 2	317 3	7 0	69 5	999 9	999
5 9	23 5	1811 6	825 0	9 0	6 1	999 9	99 9	99 9	99 9	298 2	317 7	7 2	81 6	999 9	999
6 8	25 9	2066 2	800 0	7 7	1 2	999 9	99 9	99 9	99 9	299 4	314 0	5 3	63 7	999 9	999
7 8	28 4	2327 2	775 0	5 6	1 6	999 9	99.9	99.9	99 9	299 8	315 3	5 6	75 6	999 9	999
8 7	30.8	2594 7	750 0	3 5	1 4	999 9	99 9	99 9	99 9	300 4	316 2	5 7	86 5	999 9	999
9 8	33 3	2869 4	725 0	2 2	1 3	999 9	99.9	99 9	99 9	301 9	318 2	5 8	93 2	999 9	999
10 9	35 9	3152 9	700 0	1 2	-0 0	999 9	99 9	99 9	99 9	303 9	319 3	5 5	91 1	999 9	999
11 9	38.4	3445 4	675.0	-0.2	-1 4	999.9	99 9	99 9	99 9	305 4	320 1	5 1	91 5	999 9	999
12 9	41.1	3747.2	650 0	-1 7	-3 1	999 9	99 9	99 9	99 9	307 0	320 6	4 7	90 5	999 9	999
14.2	43 8	4058 6	625 0	-3.9	-5 6	999 9	99 9	99 9	99 9	308 0	319 8	4 0	87 6	999 9	999
15.4	46 5	4380 6	600 0	-5.2	-11 5	999 9	99 9	99.9	99 9	310 1	318 1	2 6	61 0	999 9	999
16 5	49.2	4714 5	575 0	-6.4	-13.3	999 9	99 9	99 9	99 9	312 5	319 8	2 4	57 7	999 9	999
17 9	52.1	5060 8	550.0	-8.7	-14 3	999 9	99 9	99 9	99 9	313 8	320 9	2 3	63 6	999 9	999
19 1	55 0	5420 3	525 0	-10 2	-17 5	999 9	99 9	99 9	99 9	316 1	322 0	1 8	55 0	999 9	999
20 5	58 0	5795 7	500 0	-12 1	-21 0	999 9	99 9	99 9	99 9	318 3	323 0	1 4	47 1	999 9	999
21 9	61.1	6186.1	475 0	-15 1	-24 0	999 9	99 9	99 9	99 9	319 3	323 1	1 2	46 4	999 9	999
23 4	64 3	6592 9	450 0	-18 1	-27.1	999 9	99 9	99 9	99 9	320 5	32[illegible] 5	0 9	45 0	999 9	999
24.9	67.4	7017 4	425 0	-21 4	-33 7	999 9	99 9	99 9	99 9	321 6	323 4	0 5	31 7	999 9	999
26.5	70 8	7461 6	400 0	-24 8	-36 3	999 9	99 9	99 9	99 9	322 8	324 3	0 4	33 2	999 9	999
28.2	74.3	7927 8	375 0	-28 5	-68.0	999 9	99 9	99 9	99 9	323 9	324 0	0 0	1 0	999 9	999
29 9	77.9	8417 8	350 0	-32 9	-55 8	999 9	99 9	99 9	99 9	324 4	324 7	0 1	9 6	999 9	999
31.6	81.5	8935 2	325 0	-36 9	-73 7	999 9	99 9	99 9	99 9	325 9	325 9	0 0	1 0	999 9	999
33 5	85 4	9483 6	300 0	-41 8	99.9	999 9	99 9	99.9	99 9	326 5	999 9	99 9	999 9	999 9	999
35.4	89 5	10067 8	275 0	-46 2	99 9	999 9	99 9	99.9	99 9	328 3	999 9	99 9	999 9	999 9	999
37.5	93.8	10694 7	250 0	-51 3	99.9	999 9	99 9	99 9	99 9	329 7	999 9	99 9	999 9	999 9	999
39 7	98 4	11370 2	225 0	-56 7	99 9	999 9	99 9	99 9	99 9	331 6	999 9	99 9	999 9	999 9	999
41 9	103.3	12108 9	200 0	-61 5	99 9	999 9	99 9	99 9	99 9	335 3	999 9	99 9	999 9	999 9	999
44.3	108 6	12930 9	175 0	-63 9	99 9	999 9	99 9	99 9	99 9	344 4	999 9	99 9	999 9	999 9	999
47.1	114 3	13884 2	150 0	-61 5	99 9	999 9	99 9	99 9	99 9	364 1	999 9	99 9	999.9	999 9	999
50.6	120.7	15014 3	125 0	-61 0	99 9	999 9	99 9	99 9	99 9	384 6	999 9	99 9	999 9	999 9	999
54 7	128.3	16396 3	100 0	-64 6	99 9	999 9	99.9	99.9	99 9	402 9	999 9	99 9	999 9	999 9	999
60 0	137 0	18166.6	75 0	-63 5	99 9	999 9	99.9	99 9	99 9	439 8	999 9	99 9	999 9	999 9	999
67 3	147 0	20682 9	50 0	-60 4	99 9	999.9	99 9	99 9	99 9	501 2	999 9	99 9	999 9	999 9	999
78 5	158 0	25084 9	25 0	-53 0	99 9	999 9	99 9	99 9	99 9	632 3	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 2
HENRIETTA, TEXAS

1 MAY 1982
2312 GMT

66 392 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.0	287.5	986.5	19.6	10.3	999.9	99.9	99.9	99.9	293.9	315.2	8.0	55.0	999.9	999
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	9.1	388.8	975.0	20.5	13.1	999.9	99.9	99.9	99.9	295.8	321.8	9.8	62.5	999.9	999
0.9	11.5	612.9	950.0	17.8	13.9	999.9	99.9	99.9	99.9	295.3	323.2	10.6	77.9	999.9	999
1.6	13.8	840.6	925.0	15.3	13.0	999.9	99.9	99.9	99.9	295.0	321.9	10.2	85.7	999.9	999
2.3	16.2	1072.8	900.0	13.7	11.3	999.9	99.9	99.9	99.9	295.7	320.7	9.4	85.4	999.9	999
2.9	18.6	1310.0	875.0	12.4	7.3	999.9	99.9	99.9	99.9	296.7	316.5	7.3	70.7	999.9	999
3.5	21.0	1552.8	850.0	11.4	5.4	999.9	99.9	99.9	99.9	298.1	316.3	6.6	66.5	999.9	999
4.2	23.5	1802.0	825.0	9.5	4.8	999.9	99.9	99.9	99.9	298.6	316.5	6.5	72.4	999.9	999
5.0	26.0	2057.0	800.0	7.7	6.8	999.9	99.9	99.9	99.9	299.4	320.6	7.8	93.4	999.9	999
5.8	28.5	2318.3	775.0	5.8	1.3	999.9	99.9	99.9	99.9	300.1	315.3	5.5	73.2	999.9	999
6.5	31.0	2586.4	750.0	4.8	-0.4	999.9	99.9	99.9	99.9	301.8	315.7	5.0	68.9	999.9	999
7.4	33.6	2862.7	725.0	3.3	2.2	999.9	99.9	99.9	99.9	303.1	320.5	6.2	92.4	999.9	999
8.2	36.2	3147.3	700.0	2.5	0.7	999.9	99.9	99.9	99.9	305.3	321.7	5.8	87.9	999.9	999
9.0	38.9	3441.0	675.0	0.7	-1.8	999.9	99.9	99.9	99.9	306.4	320.7	5.0	83.3	999.9	999
9.9	41.6	3743.9	650.0	-0.7	-3.8	999.9	99.9	99.9	99.9	308.2	321.2	4.5	79.2	999.9	999
10.8	44.3	4057.1	625.0	-1.4	-8.3	999.9	99.9	99.9	99.9	310.9	320.7	3.3	59.2	999.9	999
11.7	47.1	4381.2	600.0	-3.7	-10.7	999.9	99.9	99.9	99.9	311.8	320.4	2.8	58.4	999.9	999
12.8	49.9	4716.6	575.0	-5.6	-11.4	999.9	99.9	99.9	99.9	313.5	322.0	2.8	63.4	999.9	999
13.8	52.9	5063.8	550.0	-8.0	-13.7	999.9	99.9	99.9	99.9	314.7	322.1	2.4	63.2	999.9	999
14.7	55.8	5424.4	525.0	-10.0	-15.0	999.9	99.9	99.9	99.9	316.5	323.6	2.3	66.5	999.9	999
15.8	58.9	5798.7	500.0	-12.8	-18.1	999.9	99.9	99.9	99.9	317.4	323.3	1.8	64.2	999.9	999
16.8	62.0	6188.3	475.0	-15.0	-22.3	999.9	99.9	99.9	99.9	319.4	323.8	1.3	53.3	999.9	999
18.0	65.1	6595.1	450.0	-17.5	-32.8	999.9	99.9	99.9	99.9	321.2	323.1	0.5	25.2	999.9	999
19.1	68.4	7020.5	425.0	-21.1	-44.3	999.9	99.9	99.9	99.9	322.0	322.6	0.2	10.3	999.9	999
20.3	71.9	7464.5	400.0	-24.6	-45.8	999.9	99.9	99.9	99.9	323.0	323.5	0.2	12.0	999.9	999
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO 2
HENRIETTA, TEXAS

2 MAY 1982
229 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 T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	287.5	986.5	17.2	13.9	0.0	0.0	0.0	0.0	291.5	317.9	10.2	81.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	9.1	389.2	975.0	18.9	13.1	122.9	0.9	-0.7	0.5	294.2	319.9	9.8	69.0	0.0	336
1.0	11.5	611.7	950.0	18.3	10.5	123.6	2.8	-2.4	1.6	295.7	318.2	8.4	60.3	0.1	313
1.8	13.8	839.8	925.0	16.7	10.0	133.7	3.0	-2.2	2.1	296.4	319.0	8.4	64.6	0.2	307
2.3	16.2	1072.8	900.0	14.5	8.3	141.9	1.9	-1.2	1.5	296.4	317.1	7.7	66.4	0.3	311
3.0	18.5	1310.6	875.0	12.8	7.7	154.8	2.3	-1.0	2.1	297.1	317.5	7.6	71.1	0.4	313
3.7	21.0	1553.7	850.0	10.7	8.0	183.2	3.4	0.2	3.4	297.4	318.9	8.0	83.1	0.5	322
4.3	23.5	1802.4	825.0	9.2	6.3	195.9	4.1	1.1	4.0	298.3	318.2	7.3	82.4	0.6	334
5.1	26.0	2056.9	800.0	7.1	4.9	201.9	4.2	1.6	3.9	298.8	317.4	6.8	85.7	0.7	345
5.8	28.5	2317.8	775.0	5.3	3.0	204.1	4.3	.8	3.9	299.5	316.5	6.2	85.3	0.9	353
6.6	31.1	2585.4	750.0	4.3	-0.6	198.9	4.6	1.5	4.3	301.2	315.0	4.9	70.4	1.0	356
7.4	33.7	2861.3	725.0	3.3	1.5	203.7	4.8	1.9	4.4	303.1	319.7	5.9	87.4	1.3	1
8.2	36.4	3145.6	700.0	1.5	0.5	210.4	5.2	2.6	4.5	304.2	320.2	5.7	92.8	1.5	5
9.0	39.0	3437.9	675.0	-0.4	-1.6	212.0	5.4	2.8	4.6	305.2	319.7	5.1	91.8	1.7	9
9.8	41.7	3740.0	650.0	-1.2	-3.9	218.4	4.9	3.1	3.9	307.6	320.5	4.4	81.7	2.0	12
10.7	44.3	4052.3	625.0	-2.9	-6.6	220.9	4.0	2.6	3.0	309.1	320.2	3.8	75.9	2.2	15
11.5	47.0	4375.2	600.0	-3.5	-14.1	165.0	1.4	-0.4	1.4	312.0	318.7	2.1	43.7	2.3	17
12.5	49.9	4711.2	575.0	-5.0	-18.2	55.0	2.0	-1.6	-1.1	314.2	319.2	1.6	34.5	2.3	16
13.4	52.8	5059.2	550.0	-7.1	-24.1	39.8	3.1	-2.0	-2.4	315.7	319.0	1.0	24.7	2.1	13
14.4	55.9	5419.8	525.0	-10.1	-27.0	13.0	3.2	-0.7	-3.1	316.3	318.9	0.8	23.5	2.0	12
15.3	58.9	5794.5	500.0	-12.1	-40.1	353.8	3.5	0.4	-3.5	318.3	319.1	0.2	7.6	1.8	13
16.3	62.0	6184.0	475.0	-15.2	-50.7	344.4	4.6	1.2	-4.4	319.2	319.5	0.1	3.0	1.6	16
17.3	65.1	6590.6	450.0	-18.0	-48.0	333.7	6.7	2.9	-6.0	320.6	321.0	0.1	5.2	1.7	26
18.4	68.4	7014.9	425.0	-22.0	-48.3	327.6	7.3	3.9	-6.1	320.8	321.2	0.1	7.1	1.1	47
19.6	71.7	7457.9	400.0	-25.3	-53.4	321.2	8.4	5.2	-6.5	322.2	322.4	0.1	5.2	1.2	73
20.7	75.3	7922.4	375.0	-29.4	-53.1	313.3	11.4	8.3	-7.8	322.7	322.9	0.1	8.0	1.6	94
22.0	79.0	8410.1	350.0	-33.9	-55.4	309.7	13.1	10.1	-8.4	323.1	323.3	0.1	9.3	2.4	109
23.4	82.7	8924.4	325.0	-38.9	-58.6	306.6	13.2	10.6	-7.9	323.1	323.3	0.0	10.2	3.5	115
24.7	86.7	9468.6	300.0	-42.9	99.9	303.5	14.4	12.0	-8.0	324.9	999.9	99.9	999.9	4.6	117
26.2	90.8	10050.0	275.0	-47.4	99.9	305.3	15.3	12.5	-8.8	326.7	999.9	99.9	999.9	5.9	119
27.9	95.2	10674.0	250.0	-52.3	99.9	301.2	14.8	12.6	-7.8	328.4	999.9	99.9	999.9	7.4	120
29.8	99.8	11349.5	225.0	-55.9	99.9	297.0	15.0	13.4	-6.8	332.8	999.9	99.9	999.9	9.1	119
32.0	104.8	12093.9	200.0	-59.6	99.9	292.9	16.9	15.5	6.6	338.4	999.9	99.9	999.9	11.2	119
34.5	110.2	12918.7	175.0	-64.1	99.9	298.1	19.8	17.8	-8.7	344.1	999.9	99.9	999.9	13.9	117
37.3	116.0	13869.6	150.0	-61.3	99.9	298.6	20.4	17.9	-9.8	364.5	999.9	99.9	999.9	17.4	118
40.8	122.7	14994.0	125.0	-62.8	99.9	301.0	18.2	15.6	9.4	381.4	999.9	99.9	999.9	21.5	118
45.0	130.3	16359.9	100.0	-64.1	99.9	305.5	15.5	12.6	-9.0	403.9	999.9	99.9	999.9	25.9	119
50.3	139.3	18126.1	75.0	-63.7	99.9	999.9	99.9	99.9	99.9	439.4	999.9	99.9	999.9	29.4	120
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 2
HENRIETTA, TEXAS

2 MAY 1982
500 GMT

105 179 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 9	287 5	987.5	17 2	15 0	0 0	0 0	0 0	0 0	291 4	319 7	11 0	87 0	0 0	0
99 9	99 9	99.9	1000 0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 5	9 0	396 1	975 0	18.0*	99 9	999 9	99 9	99 9	99 9	293 2	999 9	99 9	999 9	999 9	999
1 1	11 3	618.4	950.0	18 1	14 2	999 9	99 9	99 9	99 9	295 6	324 0	10 8	77 8	999 9	999
1 8	13 6	846 5	925 0	16 0	13 7	999 9	99 9	99 9	99 9	295 7	324 0	10 8	86 5	0 4	322
2 5	16 0	1079 2	900 0	14 5	11 8	163 5	4 7	-1 3	4 5	296 5	322 4	9 8	84 0	0 6	328
3 2	18 3	1316 9	875.0	12 3	10 1	167 4	4 8	-1 0	4 6	296 6	320 5	9 0	86 5	0 8	333
3 9	20 7	1559 8	850.0	11.1	7 1	177 5	4 4	-0 2	4 4	297 8	318 1	7 5	76 3	1 0	335
4 6	23 1	1808 5	825 0	9 0	6 1	192 4	4 3	0.9	4 2	298 1	317 7	7 2	82 2	1 2	341
5 4	25 8	2062.9	800.0	6 8	6 1	197 1	4 0	1 2	3 8	298 5	318 6	7 4	95 0	1 3	346
6 1	28 0	2323 2	775.0	5 1	4 4	208.1	4 2	2 0	3 7	299 3	317 9	6 8	95 3	1 5	349
6 9	30 5	2594.4	750.0	7 9	7 3	217 9	4 9	3 0	3 9	305 2	330 4	9 1	95 9	1 5	355
7 6	33 1	2870.8	725.0	2 7	2 1	218 0	4 9	3 0	3 9	302 4	319 6	6 2	95 9	1 8	360
9 4	35 7	3154 3	700 0	0 8	0 1	223 8	4 9	3 4	3 5	303 4	319 0	5 5	94 6	2 0	4
9 2	38 3	3446.1	675.0	-1 0	-1 7	235 5	5 9	4 9	3 4	304 5	318 9	5 0	95 1	2 2	9
0 1	41 0	3746 8	650.0	-2 0	-3 7	239 9	6 7	5 8	3.3	306 7	319 6	4 5	88 1	2 4	15
1 0	43 8	4057 7	625.0	-4 3	-10 4	231 0	5 1	3 9	3 2	307 5	315 8	2 8	62 8	2 7	21
11 9	46 5	4379 4	600 0	-4 0	-18 6	185 2	1 9	0 2	1 9	311 5	316 2	1 5	31 4	2 8	22
12 9	49 3	4714 2	575 0	-5 7	-27 8	104 1	1.9	-1 8	0 5	313 3	315 6	0 7	15 5	2 9	21
13 7	52 1	5061 4	550.0	-7 1	-42 4	70 7	3 1	-2 9	-1 0	315 7	315 3	0 2	4 0	2 8	18
14 6	55 1	5421 7	525 0	-10 3	-44 1	43 8	3 8	-2 6	-2 8	316 1	316 6	0 1	4 5	2 7	16
15 7	58 3	5796 0	500 0	-12 4	-53 4	19 5	3 3	-1 1	-3 1	317 9	318 1	0 1	1 7	2 4	14
16 6	61 4	6185 4	475.0	-15 5	-53.8	357 2	3 7	0 2	-3 7	318 7	318 9	0 1	2 1	2 3	15
17 6	64.7	6591 2	450 0	-18 6	-53 9	345 0	5 9	1 5	-5 7	319 9	320 1	0 1	2 7	2 0	18
18 6	68.1	7014 3	425.0	-22 2	-55 3	335 1	6 9	2 9	-6.2	320 6	320 8	0 0	3 1	1 .	27
19 7	71.7	7456.5	400 0	-26 1	-57 7	325 8	9 4	5 3	-7 8	321 1	321 3	0 0	3 3	1 5	43
20 8	75 4	7920.0	375.0	-30 0	-53 9	318 6	11 3	7 5	-8 5	321 9	322 1	0 1	7 6	1 5	71
22 0	79 3	8406.9	350 0	-34 4	-58 2	311 4	12 2	9 2	-8 1	322 4	322 6	0 0	6 8	2 1	92
23 2	83 3	8919.7	325.0	-39 2	99 9	313 7	13 8	10 0	-9 5	322 6	999 9	99 9	999 9	2 8	104
24 6	87 5	9464.3	300 0	-43 0	99 9	317.7	13.4	9 0	-9 9	324 8	999 9	99 9	999 9	3 9	113
26 1	91 8	10045.0	275 0	-47 6	99 9	309 0	12 9	10 1	-8 2	326 2	999 9	99 9	999 9	5 0	118
27 6	95 3	10669 1	250 0	-51 5	99 9	310 6	12 2	9 2	-7 9	329 6	999 9	99 9	999 9	6 1	120
29 4	101 0	11346.2	225.0	-55 6	99 9	300 3	13 5	11 7	-6 8	333 3	999 9	99 9	999 9	7 3	121
31 3	106 2	12088 4	200 0	-60 6	99 9	999 9	99 9	99 9	99 9	336 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	175.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	150.0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	125 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	100 0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	25 0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 3
DURANT, OKLAHOMA

1 MAY 1982
1700 GMT

159 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	211 0	998 1	20 0	16 2	0 0	0 0	0 0	0 0	293 3	323 8	11 8	79 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	5.1	411 8	975 0	17 1	13 1	167 0	2 7	-0 6	2 7	292 4	317 9	9 8	77 3	0 1	0
1.4	11.4	633 4	950 0	15 1	13 8	164 4	2 5	-0 7	2 4	292 6	320 0	10 6	92 0	0 2	354
2 1	13 8	859 1	925 0	13 6	12 3	175 6	1 8	-0 1	1 8	293 2	318 9	9 8	92 1	0 3	350
3 0	16.2	1090 5	900 0	12 8	12 4	225 7	2 4	1 7	1 7	294 7	321 4	10 2	98 0	0 4	356
3 8	18 6	1327 4	875 0	11 6	10 3	241 4	3 7	3 2	1 7	295 9	320 0	9 1	91 8	0 5	15
4 7	21 0	1570 0	850 0	11 1	5 5	232 1	3 7	3 0	2 3	297 8	316 0	6 7	68 2	0 6	27
5 6	23.5	1819 0	825 0	9 5	4 9	226 2	3 3	2 4	2 3	298 6	316 7	6 6	73 2	0 8	32
6 6	26 0	2073 5	800 0	7 1	3 1	230 6	5 9	4 6	3 8	298 8	315 3	6 0	75 5	1 0	35
7.5	28.5	2334 5	775 0	5 5	2 8	228 9	7 5	5 6	4 9	299 7	316 5	6 1	83 0	1 4	39
8 5	31 1	2602 1	750 0	3 6	2 0	231 7	7 0	5 5	4 3	300 5	316 9	5 9	89 0	1 9	42
9 6	33 7	2877 0	725 0	2 0	1 2	229 8	5 9	4 5	3 8	301 7	317 9	5 8	94 3	2 3	44
10 5	36 3	3160 0	700 0	0 6	0 6	223 1	4 8	3 3	3 5	303 2	319 3	5 7	99 9	2 6	44
11 6	39 0	3451 9	675 0	-0 7	-0 8	209 3	4 1	2 0	3 6	304 8	320 1	5 4	99 7	2 9	44
12.6	41 7	3753 2	650 0	-2 4	-2 4	198 0	3 0	0 9	2 9	306 3	320 5	4 9	99 6	3 1	42
13 8	44 4	4064 3	625 0	-3 9	-4 0	185 7	1 0	0 1	1 0	308 0	321 3	4 6	99 4	3 2	41
14 8	47 2	4385 9	600.0	-5 8	-5 9	211 8	1 5	0 8	1 3	309 4	321 5	4 1	99 2	3 2	40
16 0	50 1	4719 0	575 0	-7 2	-7 8	259 1	4 4	4 3	0 8	311 5	322 6	3 7	95 3	3 4	41
17.2	53 0	5064 6	550.0	-9 1	-10 0	271 6	6 0	6 0	0 2	313 3	323 2	3 2	92 6	3 7	46
18 3	56 0	5423 9	525 0	-11 1	-12 4	268 7	6 3	6 3	0 1	315 1	323 8	2 8	89 8	4 0	51
19 6	59 0	5797 3	500 0	-13 8	-15 3	255 2	5 7	5 5	1 5	316 3	323 6	2 3	88 4	4 4	54
20 9	62 3	6185 6	475 0	-16 5	-18 2	247 0	4 4	4 1	1 7	317 6	323 6	1 9	86 4	4 8	55
22.2	65 4	6590 6	450 0	-18 9	-22 2	250 7	3 1	3 0	1 0	319 5	324 2	1 4	74 9	5 1	56
23 6	68.8	7014 0	425 0	-21 9	-24.2	269 5	3 3	3 3	0 0	321 0	325 1	1 3	80 9	5 3	57
25.1	72 1	7457 3	400 0	-25 1	-29 5	316 7	1 9	1 3	1 4	322 3	325 1	0 8	66 6	5 5	59
26 6	75 7	7923 0	375 0	-28 7	-35 1	355 3	1 0	0 1	-1 0	323 6	325 4	0 5	53 9	5 4	60
28 1	79 4	8413 5	350 0	-32 3	-40 2	347 5	1 8	0 4	-1 8	325 1	326 3	0 3	45 3	5 4	61
29 5	83 2	8932 0	325 0	-36 4	-45 2	321 2	2 1	1 3	-1 6	326 5	327 2	0 2	39 4	5 4	63
31 2	87 2	9481 8	300 0	-41 1	99 9	308 9	2 6	2 1	-1 7	327 4	999 9	99 9	999 9	5 5	65
32 9	91 3	10066 0	275 0	-46 6	99 9	311 0	6 2	4 7	-4 1	327 8	999 9	99 9	999 9	5 7	69
35 0	95 7	10691 5	250 0	-51 6	99 9	317 1	8 8	6 0	-6 4	329 4	999 9	99 9	999 9	6 1	77
37 4	100 4	11366 6	225 0	-56 8	99 9	302 3	8 7	7 4	-4 7	331 5	999 9	99 9	999 9	6 9	86
39 9	105 4	12103 5	200 0	-62 4	99 9	290 1	8 9	8 4	-3 1	334 0	999 9	99 9	999 9	8 0	90
42 8	110 8	12920 8	175 0	-63 9	99 9	304 0	14 6	12 1	-8 1	344 6	999 9	99 9	999 9	10 0	96
46 2	116 7	13874 8	150 0	-60 6	99 9	297 9	12 2	10 8	-5 7	365 7	999 9	99 9	999 9	12 4	102
50 0	123 0	15007 8	125 0	-60 5	99 9	290 3	14 0	13 1	-4 8	385 4	999 9	99 9	999 9	15 2	104
54 8	130 5	16389 3	100 0	-62 0	99 9	292 0	13 9	12 9	-5 2	408 0	999 9	99 9	999 9	19 5	105
60 5	139 0	18160 9	75 0	-62 8	99 9	303 2	8 1	6 8	-4 4	441 4	999 9	99 9	999 9	22 9	107
68 2	148 7	20699 9	50 0	-58 5	99 9	302 9	2 2	1 9	-1 2	505 7	999 9	99 9	999 9	24 3	109
79.9	159 0	25106 4	25 0	-51 8	99 9	999 9	99 9	99 9	99 9	635 9	999 9	99 9	999 9	24 2	111

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 3
DURANT, OKLAHOMA

1 MAY 1982
2000 GMT

161 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7 2	211.0	997 3	22 1	15 7	120 0	1 3	-1 1	0 6	295 5	325 2	11 3	67 0	0 0	0
99.9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.6	9 2	406 2	9.5 0	18 2	14 0	999 9	99 9	99 9	99 9	293 5	320 6	10 4	76 1	999 9	999
2.0	11 6	628 3	950 0	15 8	13 7	999 9	99 9	99 9	99 9	293 3	320 6	10 5	87 2	0 2	323
3.0	14 0	854 8	925 0	14 4	13 6	266 0	0 7	0 7	0 0	294 1	322 1	10 7	94 9	0 3	324
4.0	16 4	1086 6	900 0	13 0	11 6	260 4	1 4	1 4	0 2	295 0	320 4	9 6	91 1	0 2	330
5 0	18 9	1323 7	875 0	12 9	7 1	241 5	3 8	3 3	1 8	297 2	316 8	7 3	67 8	0 3	357
5 8	21 3	1567.1	850 0	11 3	5 5	252 [illegible]	5 4	5 1	1 7	298 0	316 3	6 7	67 3	0 4	29
6 8	23.9	1815.9	825 0	9 6	4 2	240 0	4.9	4 3	2 5	298 7	315 9	6 3	69 0	0 7	48
7 9	26 4	2071 0	800 0	8 0	2 1	234 2	5.8	4 7	3 4	299 0	315 1	5 6	66 3	1 0	49
8 8	29 0	2332 2	775 0	6 0	2 0	241 8	7 1	6 3	3 4	300 [illegible]	316 1	5 7	75 5	1 4	51
9 8	31 5	2600 0	750 0	4 0	-1 8	249 0	8 6	8 0	3 1	300 9	313 6	4 5	66 2	1 9	55
10 9	34.1	2874 9	725 0	2 2	-2 9	246 8	7 4	6 8	2 9	301 9	314 0	4 3	68 8	2 4	58
12.0	36.8	3158.1	700 0	0 7	0 3	243 1	5 7	5 1	2 6	303 3	319 1	5 6	97 1	2 8	59
13 2	39 4	3450 3	675 0	-0 6	-0 9	254 7	4 8	4 6	1 3	305 0	320 1	5 3	97 9	3 2	60
14 3	42 2	3751.4	650 0	-2 4	-2 7	267 1	2 9	2 9	0 2	306 3	320 2	4 8	97 6	3 4	62
15 3	45 0	4062 4	625 0	-3 7	-6 6	280 5	2 1	2 1	-0 4	308 3	319 3	3 7	80 2	3 5	63
16 5	47 9	4384 1	600 0	-5 7	-10 7	294 8	3 9	3 5	-1 6	309 6	318 0	2 8	67 3	3 7	65
17 7	50 8	4716.9	575 0	-7 8	-10 3	297 5	5 5	4 9	-2 5	310 8	320 0	3 0	82 3	3 9	69
19 0	53 7	5061.9	550 0	-9 2	-12 9	292 5	6 3	5 8	-2 4	313 2	321 2	2 6	74 8	4 [illegible]	74
20 3	56 7	5420.7	525 0	-11 1	-16 1	289 2	6 3	5 9	-2 1	315 1	321 6	2 1	66 3	4 6	77
21.6	59 8	5794 2	500 0	-13 6	-19 0	278 8	6 9	6 8	-1 0	316 5	321 9	1 7	63 3	5 1	80
23.1	62 9	6182 3	475 0	-16 2	-21 1	276 1	7 1	7 0	-0 7	318 0	322 8	1 5	65 3	5 7	81
24.5	66 1	6587 4	450 0	-19 0	-26 5	293 7	6 2	5 7	-2 5	319 4	322 6	1 0	51 1	6 2	83
26.1	69 4	7011 0	425 0	-21 8	-28 3	299 7	5 0	4 3	-2 5	321 0	323 9	0 9	55 4	6 7	86
27 8	73 0	7454 1	400.0	-25 6	-31 2	302 1	4 0	3 4	-2 1	321 7	324 1	0 7	59 1	7 1	88
29 3	76 3	7919 5	375 0	-28 9	-35 8	293 2	3 4	3 1	-1 3	323 4	325 0	0 5	51 0	7 3	90
31.1	80 0	8409 5	350 0	-32 4	-40 1	285 6	3 9	3 7	-1 0	325 1	326 3	0 3	45 6	[illegible]	90
32 9	83 8	8927.4	325 0	-36 7	-47 9	288 7	5 1	4 9	-1 6	326 1	326 6	0 1	29 8	8 1	91
34 8	87 8	9476 1	300 0	-41 9	99 9	282 0	6 8	6 7	-1 4	326 4	999 9	99 9	999 9	8 8	92
36.8	92.0	10058 8	275 0	-46 9	99 9	282 8	8 5	8 2	-1 9	327 3	999 9	99 9	999 9	9 7	93
39 1	96 3	10683 9	250 0	-52 2	99 9	282 0	11 5	11 2	2 4	328 5	999 9	99 9	999 9	11 0	94
41 6	101 0	11357.6	225 0	-57 3	99 9	282 8	15 6	15 2	-3 5	330 7	999 9	99 9	999 9	13 0	96
44.0	106 0	12094 2	200 0	-62 5	99 9	296 5	16 1	14 4	-7 2	333 9	999 9	99 9	999 9	15 3	97
46.8	111 3	12914 8	175 0	-63 4	99 9	298 2	14 6	12 9	-6 9	345 4	999 9	99 9	999 9	17 7	101
50 1	117 0	13870.5	150 0	-60 6	99 9	293 6	18 4	15 0	-6 6	365 6	999 9	99 9	999 9	20 6	103
54.1	123 7	15002 7	125 0	-61 7	99 9	286 4	17 5	16 7	-4 9	383 4	999 9	99 9	999 9	24 7	104
58.7	131 0	16384 4	100 0	-62 6	99 9	286 3	13 8	13 2	-3 9	406 7	999 9	99 9	999 9	29 4	104
64 5	139 7	18158 2	75 0	-63 0	99 9	266 4	7 5	7 3	0 5	440 8	999 9	99 9	999 9	33 1	104
72 7	150 0	20685 8	50 0	-60 3	99 9	285 2	2 4	2 3	-0 6	501 5	999 9	99 9	999 9	34 6	104
85 5	161 0	25097 1	25 0	-51 5	99 9	107 9	5 0	-4 8	1 5	636 5	999 9	99 9	999 9	34 4	105

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 3
DURANT, OKLAHOMA

1 MAY 1982
2301 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	211.6	994.9	22.1	12.4	0.0	0.0	0.0	0.0	295.7	319.9	9.1	54.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999
0.7	9.0	364.7	975.0	18.2	99.9	67.1	2.5	-2.3	-1.0	293.5	999.9	99.9	999.9	0.0	237
1.3	11.4	606.0	950.0	17.0	99.9	81.7	2.4	-2.4	-0.3	294.4	999.9	99.9	999.9	0.2	252
2.2	13.8	831.6	925.0	14.4	99.9	117.1	0.9	-0.8	0.4	294.0	999.9	99.9	999.9	0.2	255
3.1	16.2	1061.7	900.0	12.8	99.9	257.2	1.3	1.3	0.3	294.7	999.9	99.9	999.9	0.2	255
4.0	18.7	1298.7	875.0	11.0*	99.9	270.2	1.6	1.6	-0.0	295.3	999.9	99.9	999.9	0.1	246
5.0	21.2	1537.4	850.0	9.7*	99.9	283.5	4.0	3.9	-0.9	296.3	999.9	99.9	999.9	0.1	173
5.8	23.7	1784.7	825.0	8.6	3.8	273.5	4.8	4.8	-0.3	297.7	314.4	6.1	71.8	0.3	107
6.7	26.2	2039.2	800.0	7.7	3.0	265.7	5.8	5.8	0.4	299.4	315.6	5.9	71.6	0.6	100
7.7	28.9	2300.3	775.0	5.9	0.3	265.6	8.6	8.6	0.7	300.1	314.3	5.1	67.5	1.0	94
8.5	31.5	2568.2	750.0	4.2	-1.6	262.7	8.6	8.5	1.1	301.1	314.0	4.5	65.7	1.5	91
9.4	34.1	2843.7	725.0	3.1	1.8	263.1	6.0	5.9	0.7	302.9	319.8	6.0	91.2	1.9	89
10.5	36.7	3128.5	700.0	2.8	0.0	257.9	3.6	3.6	0.6	305.6	321.3	5.5	81.8	2.1	88
11.5	39.4	3421.9	675.0	0.3	-2.2	256.1	3.9	3.8	0.9	306.0	319.8	4.8	83.4	2.4	87
12.5	42.1	3724.4	650.0	-0.5	-3.8	270.0	4.7	4.7	0.0	308.4	321.4	4.5	78.7	2.6	86
13.6	44.9	4037.2	625.0	-2.7	-6.7	279.0	4.4	4.4	-0.7	309.3	320.3	3.7	74.1	2.9	87
14.6	47.8	4359.7	600.0	-5.5	-8.1	296.5	4.5	4.0	-2.0	309.7	320.1	3.5	82.2	3.2	89
15.9	50.7	4693.4	575.0	-6.6	-9.4	314.7	4.8	3.4	-3.4	312.2	322.0	3.3	80.5	3.4	92
17.1	53.6	5039.9	550.0	-8.1	-11.9	309.5	5.1	4.0	-3.3	314.5	323.1	2.8	74.0	3.7	96
18.3	56.6	5400.4	525.0	-10.2	-15.0	307.5	6.6	5.2	-4.0	316.1	323.2	2.3	67.9	4.1	99
19.6	59.6	5774.9	500.0	-12.7	-17.1	302.6	6.5	5.5	-3.5	317.6	323.9	2.0	69.4	4.5	102
20.9	62.8	6164.4	475.0	-15.7	-19.5	302.7	6.1	5.1	-3.3	318.6	324.1	1.7	72.1	5.0	104
22.3	66.0	6570.4	450.0	-18.1	-22.8	311.2	5.9	4.4	-3.9	320.5	324.9	1.4	66.5	5.5	106
23.6	69.3	6995.0	425.0	-21.5	-26.5	313.1	5.8	4.3	-4.0	321.5	324.9	1.0	63.4	5.9	108
25.0	72.7	7438.7	400.0	-25.1	-29.7	301.4	6.3	5.4	-3.3	322.4	325.2	0.8	65.0	6.4	110
26.6	76.1	7904.8	375.0	-28.2	-34.2	291.8	6.5	6.0	-2.4	324.2	326.2	0.6	56.3	6.9	110
28.1	79.8	8396.1	350.0	-32.1	-37.2	286.1	7.5	7.2	-2.1	325.4	327.0	0.4	60.5	7.6	110
29.8	83.6	8914.3	325.0	-36.8	-43.8	279.2	8.8	8.7	-1.4	326.0	328.8	0.2	47.6	8.4	109
31.6	87.5	9462.8	300.0	-41.7	99.9	286.0	11.5	11.1	-3.2	326.6	999.9	99.9	999.9	9.5	109
33.5	91.7	10046.2	275.0	-46.2	99.9	283.6	13.7	13.3	3.2	328.4	999.9	99.9	999.9	10.9	108
35.7	96.0	10672.9	250.0	-51.2	99.9	282.3	15.3	15.0	-3.3	330.0	999.9	99.9	999.9	12.8	107
38.1	100.6	11349.9	225.0	-56.3	99.9	283.9	17.9	17.4	-4.3	332.3	999.9	99.9	999.9	15.1	107
40.4	105.5	12089.5	200.0	-60.9	99.9	293.5	18.4	16.9	-7.3	336.4	999.9	99.9	999.9	17.8	107
43.1	110.8	12917.1	175.0	-60.9	99.9	292.0	14.3	13.2	-5.3	349.5	999.9	99.9	999.9	20.3	108
46.3	116.5	13875.0	150.0	-61.3	99.9	293.2	19.7	18.1	-7.8	364.6	999.9	99.9	999.9	23.5	108
50.2	123.0	15003.7	125.0	-60.5	99.9	291.3	19.9	18.5	-7.2	385.4	999.9	99.9	999.9	28.3	109
54.7	130.0	16380.3	100.0	-64.1	99.9	293.1	17.0	15.6	-6.7	404.0	999.9	99.9	999.9	33.7	109
60.5	138.3	18157.5	75.0	-62.2	99.9	307.7	10.3	8.2	-6.2	442.6	999.9	99.9	999.9	38.6	110
68.3	147.7	20890.2	50.0	-60.3	99.9	12.5	4.5	-1.0	-4.4	501.5	999.9	99.9	999.9	39.9	112
80.1	158.0	25093.5	25.0	-51.9	99.9	999.9	99.9	99.9	99.9	635.4	999.9	99.9	999.9	38.6	115

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 4
THROCKMORTON, TEXAS

1 MAY 1982
1137 GMT

10 886 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 5	404.8	974.6	13 0	13.0	999 9	99 9	99 9	99 9	288 3	313 2	9 7	100 0	999 9	999
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 9	11 8	619 9	950 0	11 8	11 1	999 9	99 9	99 9	99 9	289 0	311 8	8 8	96 8	999 9	999
1 9	14 2	843 6	925 0	11 9	99 9	999 9	99 9	99 9	99 9	291 5	999 9	99 9	999 9	999 9	999
2 7	16 7	1071 6	900.0	9 1	99 9	999 9	99 9	99 9	99 9	290 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	875.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	850.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	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
99 9	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
99 9	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
99 9	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
99 9	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
99 9	99 9	99 9	700.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	675.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	650 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	625 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	600 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	575 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	550 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	525 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	500 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	475.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.0	450 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	425.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	400 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	995 9	999
99 9	99 9	99 9	375 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	350 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	325.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	300 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	275 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	250 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	225 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	200.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	175.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	150 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	125 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	100.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 4
THROCKMORTON TEXAS

1 MAY 1982
1419 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 T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	ANGLE DG
0 0	8 7	404 8	975 8	15 2	13 2	45 0	0 0	0 0	0 0	290 4	315 9	9 9	88 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 0	8 8	410 0	975 0	14 7	13 1	45 4	1 3	-0 9	-0 9	290 0	315 [illegible]	9 8	89 9	0 0	334
0 9	11 2	620 5	950 0	11 6	11 0	52 0	6 2	-4 9	-3 8	289 0	311 5	8 7	95 8	0 3	237
1 7	13 5	851 7	925 0	10 9	10 0	74 2	5 8	-5 5	-1 6	290 5	312 3	8 4	94 2	0 6	238
2 6	15 9	1080 8	900 0	10 8	9 9	83 7	5 2	-5 2	-0 6	292 6	315 2	8 6	94 [illegible]	0 6	247
3 5	18 4	1315 5	875 0	9 1	8 2	110 8	7 9	-7 4	2 8	293 3	314 0	7 8	93 9	1 1	255
4 5	20 8	1555 9	850 0	8 1	6 9	135 3	8 0	-5 7	5 7	294 7	314 4	7 4	92 0	1 5	2[illegible]
5 4	23 2	1802 4	825 0	7 1	6 1	149 8	8 [illegible]	-4 4	7 6	296 1	315 4	7 2	93 1	1 8	280
6 4	25 6	2055 [illegible]	800 0	6 2	5 5	161 9	9 [illegible]	-3 0	9 2	297 8	317 2	7 1	94 9	2 2	294
7 4	28 3	2315 [illegible]	775 0	4 3	3 4	172 [illegible]	6 9	-0 9	6 8	298 5	315 9	6 3	93 9	2 5	302
8 5	30 8	2582 7	750 0	3 5	2 5	182 0	6 8	0 2	6 8	300 4	317 4	6 1	92 7	2 8	309
9 5	33 4	2857 8	725 0	1 7	0 6	186 4	7 8	0 9	7 8	301 3	316 8	5 6	93 0	3 0	316
10 2	36 0	3139 9	700 0	0 5	-0 6	198 5	6 9	2 2	6 6	303 1	318 0	5 3	92 5	3 3	321
11 8	38 7	3431 6	675 0	-0 8	-1 9	214 1	6 7	3 8	5 6	304 8	318 9	4 9	92 2	3 5	329
12 6	41 4	3732 9	650 0	-2 1	-3 3	221 1	8 [illegible]	5 4	6 2	306 6	319 9	4 6	91 8	3 7	335
13 8	44 2	4044 1	625 0	-3 8	-5 0	222 8	9 7	6 6	7 1	308 2	320 5	4 2	91 2	4 0	344
14 9	47 0	4365 9	600 0	-5 9	-8 0	221 3	10 1	6 6	7 6	309 3	319 7	3 5	84 9	4 4	352
16 1	49 9	4698 3	575 0	-8 3	-11 9	220 4	11 1	7 2	8 4	310 3	318 4	2 7	75 0	4 8	358
17 3	52 8	5042 4	550 0	-10 4	-13 2	219 7	11 7	7 4	9 0	311 7	319 4	2 5	79 7	5 5	4
18 5	55 6	5399 6	525.0	-12 1	-14 9	221 3	10 4	6 8	7 8	313 9	321 0	2 3	79 9	6 2	8
19 8	58 9	5771 2	500 0	-14 5	-17 2	276 1	6 0	6 0	-0 6	315 4	321 6	2 0	79 6	6 7	12
21 3	62 0	6158 9	475 0	-16 2	-21 6	353 5	6 2	0 7	-6 1	317 9	322 8	1 4	63 1	6 4	15
23 2	65 3	6564 4	450 0	-18 4	-27 0	13 7	7 6	-1 8	-7 4	320 1	323	0 9	46 3	5 5	16
24 6	68 6	6988 8	425 0	-21 2	-31 4	16 7	7 4	-2 1	-7 1	321 8	324 0	0 6	39 3	4 9	15
26 3	72 0	7433 3	400 0	-24 3	-34 1	6 7	5 0	-0 6	-4 9	323 5	325 3	0 5	39 4	4 2	18
27 9	75 4	7906 1	375 0	-28 4	-37 4	352 1	6 4	0 9	-6 3	324 1	325 5	0 4	41 3	3 8	17
29 7	78 1	8391 6	350 0	-32 0	-40 6	324 4	14 3	8 3	-11 6	325 5	326 7	0 3	42 0	3 2	31
31 7	82 8	8911 4	325 0	-35 7	-45 1	334 5	20 3	8 7	-18 3	327 5	326 3	0 2	38 6	3 1	76
33 6	86 8	9482 4	300 0	-40 7	99 9	344 4	16 1	4 3	-15 5	328 0	999 9	99 9	999 9	3 8	[illegible]
35 9	91 0	10048 3	275 0	-45 1	99 9	330 4	12 3	4 9	-11 3	329 8	999 9	99 9	999 9	5 1	128
38 6	95 3	10678 5	250 0	-50 1	99 9	311 6	8 6	6 5	-5 7	331 6	999 9	99 9	999 9	6 5	130
41 2	100 0	11359 2	225 0	-56 0	99 9	296 0	13 2	11 8	-6 0	332 7	999 9	99 9	999 9	8 1	79
43 8	105 0	12099 0	200 0	-60 9	99 9	302 8	17 5	14 7	-9 5	336 3	999 9	99 9	999 9	10 5	127
46 9	110 4	12922 1	175 0	-64 0	99 9	299 3	20 3	17 7	-9 9	344 4	999 9	99 9	999 9	14 1	126
50 4	116 3	13872 7	150 0	-61 6	99 9	298 7	23 6	20 7	-11 3	364 0	999 9	99 9	999 9	18 5	124
54 5	123 0	15004 4	125 0	-60 8	99 9	294 6	26 6	24 4	11 1	385 0	999 9	99 9	999 9	25 3	122
59 2	130 3	16382 6	100 0	-63 5	99 9	289 8	19 6	18 4	-6 6	405 1	999 9	99 9	999 9	31 1	120
65 3	139 6	18153 2	75 0	-62 6	99 9	262 5	12 6	[illegible] 7	1 7	441 8	999 9	99 9	999 9	37 8	119
73 2	148 7	20081 9	50 0	-57 4	99 9	77 7	3 6	-3 5	-0 8	508 3	999 9	99 9	999 9	39 5	121
85 1	150 0	25094 0	25 0	-53 8	99 9	297 2	6 7	6 0	-3 1	630 6	999 9	99 9	999 9	36 2	123

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS

1 MAY 1982
1733 GMT

150 27 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	404.8	978.6	22.0	17.4	60.0	1.0	-0.9	-0.5	297.2	331.1	12.9	75.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	9.3	419.0	975.0	21.0	16.7	999.9	99.9	99.9	99.9	296.3	328.9	12.4	76.9	999.9	999
0.9	11.6	640.6	950.0	14.4	13.4	999.9	99.9	99.9	99.9	291.8	318.4	10.3	94.0	999.9	999
1.8	14.0	865.6	925.0	13.0	11.8	999.9	99.9	99.9	99.9	292.6	317.4	9.5	92.3	999.9	999
2.7	16.4	1096.8	900.0	13.0	10.2	119.0	4.8	-4.2	2.3	294.9	318.1	8.8	83.5	0.5	243
3.6	18.8	1333.7	875.0	12.3	7.8	139.9	5.6	-3.6	4.3	296.6	316.9	7.5	73.1	0.7	267
4.6	21.2	1576.2	850.0	10.4	5.7	152.8	8.0	-3.7	7.1	297.1	315.6	6.8	72.8	0.9	286
5.5	23.7	1824.5	825.0	8.8	3.1	169.2	10.7	-2.0	10.5	297.9	313.9	5.8	67.5	1.3	307
6.6	26.2	2079.1	800.0	7.8	2.3	176.0	10.0	-0.7	10.0	299.5	315.2	5.7	68.4	1.9	323
7.5	28.7	2340.3	775.0	5.8	3.8	181.3	8.5	0.2	8.5	300.0	318.0	6.5	87.4	2.3	331
8.5	31.1	2608.4	750.0	4.0	3.3	188.1	5.0	0.7	4.3	301.0	318.9	6.5	95.0	2.6	335
9.7	33.7	2884.2	725.0	2.8	1.4	195.5	3.7	1.0	3.6	302.5	318.9	5.9	90.8	2.9	339
10.8	36.3	3167.9	700.0	1.5	-0.5	187.7	1.9	0.3	1.9	304.2	319.2	5.3	86.5	3.0	341
11.9	38.9	3460.5	675.0	-0.4	-1.6	212.1	1.8	1.0	1.5	305.2	319.7	5.1	91.9	3.1	342
13.1	41.7	3762.3	650.0	-1.8	-3.0	242.2	2.6	2.3	1.2	307.1	320.8	4.7	90.3	3.1	345
14.3	44.3	4074.2	625.0	-3.1	-4.8	233.3	2.9	2.3	1.7	308.9	321.5	4.3	88.5	3.2	348
15.5	47.1	4396.8	600.0	-5.1	-7.0	234.1	4.8	3.9	2.8	310.2	321.4	3.8	86.4	3.3	352
16.9	50.0	4730.5	575.0	-6.8	-11.8	233.0	4.9	3.9	3.0	312.0	320.3	2.7	67.7	3.5	358
18.3	52.9	5078.3	550.0	-9.1	-13.2	244.8	4.4	4.0	1.9	313.3	321.0	2.5	71.7	3.8	3
19.7	55.9	5435.5	525.0	-10.8	-16.1	320.1	4.4	2.8	-3.4	315.5	322.0	2.1	64.6	3.8	8
21.2	59.0	5809.8	500.0	-12.6	-19.4	358.7	5.9	0.1	-5.9	317.7	323.0	1.6	56.7	3.3	10
22.7	62.0	6199.9	475.0	-14.7	-22.7	0.2	4.8	-0.0	-4.8	319.8	324.0	1.3	50.1	2.8	11
24.2	65.1	5607.5	450.0	-17.3	-25.8	339.7	4.5	1.6	-4.2	321.5	324.9	1.0	47.6	2.5	14
25.9	68.5	7033.7	425.0	-20.3	-29.9	326.1	6.1	3.4	-5.0	323.0	325.5	0.7	41.6	2.2	24
27.6	72.0	7479.3	400.0	-24.2	-32.9	317.7	6.7	4.5	-5.0	323.6	325.7	0.6	44.2	1.9	43
29.4	75.4	7946.8	375.0	-28.2	-36.4	311.3	7.7	5.8	-5.1	324.3	325.9	0.4	44.6	2.1	64
31.3	79.0	8437.7	350.0	-32.1	-42.6	307.8	9.7	7.7	-6.0	325.5	326.4	0.2	34.2	2.6	84
33.3	82.7	8956.5	325.0	-36.3	-46.7	296.9	9.0	8.0	-4.0	326.7	327.4	0.2	32.9	3.6	98
35.3	86.7	9506.6	300.0	-40.6	99.9	295.6	8.4	7.5	-3.6	328.2	999.9	99.9	999.9	4.5	100
37.3	90.8	10091.5	275.0	-46.1	99.9	277.4	8.1	8.0	-1.0	328.5	999.9	99.9	999.9	5.5	102
39.6	95.2	10718.4	250.0	-50.9	99.9	261.3	10.9	10.8	1.7	330.5	999.9	99.9	999.9	6.7	99
41.9	99.8	11394.5	225.0	-56.6	99.9	272.8	12.5	12.5	-0.6	331.7	999.9	99.9	999.9	8.3	96
44.4	104.8	12133.3	200.0	-61.5	99.9	285.5	14.3	13.6	-3.8	335.4	999.9	99.9	999.9	10.3	97
47.2	110.3	12957.1	175.0	-62.9	99.9	290.6	17.4	16.3	-6.1	346.2	999.9	99.9	999.9	12.9	100
50.2	116.0	13912.1	150.0	-60.3	99.9	289.3	18.8	17.7	-6.2	366.2	999.9	99.9	999.9	16.2	101
53.6	122.5	15045.0	125.0	-62.1	99.9	290.9	17.0	15.9	-6.1	382.5	999.9	99.9	999.9	20.1	103
57.7	130.0	16424.7	100.0	-63.5	99.9	286.1	12.3	11.9	-3.4	405.1	999.9	99.9	999.9	23.4	103
62.8	138.5	18197.5	75.0	-62.8	99.9	292.1	7.3	6.8	-2.8	441.7	999.9	99.9	999.9	26.4	105
70.1	148.3	20718.5	50.0	-58.3	99.9	300.8	2.6	2.2	-1.3	506.3	999.9	99.9	999.9	27.8	106
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 4
THROCKMORTON, TEXAS

1 MAY 1982
2001 GMT

102 180 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9 2	404 8	974.6	23 2	15 3	0 0	0 0	0.0	0 0	298 5	328 6	11 3	61 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 5	11 5	323 9	950 0	16 5	13 1	999 9	99 9	99 9	99 9	293 9	320 3	10 0	80 4	999 9	999
1 4	14 0	850 6	925 0	14 1	11 8	999 9	99 9	99 9	99 9	293 8	318 6	9 4	85 7	999 9	999
2 1	16 4	1082 0	900 0	12 6	11 0	999.9	99.9	99 9	99.9	294 5	318 9	9 2	90 0	999 9	999
3 0	18 8	1318 5	875 0	10 9	9 9	999 9	99 9	99 9	99 9	295 1	318 5	8 8	93 8	999 9	999
4 0	21 3	1560 5	850 0	9 8	8 5	999 9	99 9	99 9	99 9	296 4	318 6	8 3	92 0	999 9	999
4.9	23 8	1808 4	825 0	8 3	5 9	999.9	99 9	99 9	99 9	297 4	316 6	7 1	84 9	999 9	999
5 8	26 3	2061 9	800.0	7 1	99 9	999.9	99 9	99 9	99 9	298 7	999 9	99 9	999 9	999 9	999
7.0	28 9	2321.8	775 0	5 8*	99 9	999 9	99 9	99 9	99 9	300 1	999 9	99 9	999 9	999 9	999
8.0	31 5	2589.2	750 0	4 3	99.9	999 9	99 9	99 9	99 9	301 3	999 9	99 9	999 9	999 9	999
9.1	34 1	99 9	725 0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
10 2	36 7	99.9	700 0	99 9**	99 9	999.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
11.3	39 4	99.9	675.0	99 9**	99 9	999 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
12 4	42 1	99 9	650.0	99 9**	99 9	999 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
13 6	44.9	99 9	625 0	99.9**	99.9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
14.8	47 7	99.9	600 0	-3.7	-10 7	999 9	99 9	99.9	99 9	311 9	320 4	2 8	58 0	999 9	999
16 1	50 5	99.9	575.0	-6 3	99 9	999.9	99 9	99 9	99 9	312 6	999 9	99 9	999 9	999 9	999
17 4	53.4	99.9	550.0	-8.3	-15 0	999 9	99 9	99 9	99 9	314 3	321 1	2 2	58 2	999 9	999
18 9	56.4	99.9	525 0	-10.1	-16.9	999.9	99 9	99 9	99 9	316 3	322 4	1 9	57 4	999 9	999
20 4	59.5	99.9	500 0	-12.7	-19.6	999 9	99 9	99 9	99 9	317 6	322 8	1 6	55 9	999 9	999
22.1	62.6	99.9	475.0	-15 0	-24.8	999 9	99 9	99 9	99 9	319 4	323 0	1 1	42 8	999 9	999
24.0	65.9	99.9	450 0	-17 9	-28 5	999 9	99 9	99.9	99 9	320 8	323 5	0 8	38 6	999 9	999
25 8	69 1	99.9	425 0	-20 6	-32 3	999 9	99 9	99 9	99 9	322 5	324 6	0 6	34 1	999 9	999
28.1	72 6	99 9	400.0	-24 2	-42 9	999 9	99 9	99 9	99.9	323 5	324 3	0 2	15.8	999 9	999
30.3	76 1	99.9	375 0	-28 2	-46 8	999 9	99.9	99.9	99 9	324 3	324 9	0 1	14 8	999 9	999
32 9	79.8	99.9	350 0	-31 6	-51 8	999.9	99 9	99 9	99 9	326 2	326 5	0 1	11 5	999 9	999
35.7	83 6	99.9	325 0	-35.9	-54 6	999 9	99 9	99.9	99 9	327 3	327 5	0 1	12 4	999 9	999
38.8	87.5	99.9	300.0	-40 5	99 9	999 9	99 9	99 9	99.9	328 3	999 9	99 9	999 9	999 9	999
42.2	91 7	99.9	275.0	-45 4	99 9	999.9	99 9	99 9	99 9	329 5	999 9	99 9	999 9	999 9	999
46.3	96 2	99 9	250 0	-50 8	99 9	999 9	99 9	99 9	99 9	330 6	999 9	99 9	999 9	999 9	999
50 6	100 8	99.9	225.0	-56.4	99 9	999.9	99 9	99 9	99 9	332 1	999 9	99 9	999 9	999 9	999
57 0	105 8	99.9	200 0	-60 0	99 9	999 9	99 9	99 9	99 9	337 8	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	175 0	99 9	99 9	99.9	99.9	99.9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	150.0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	125.0	99.9	99.9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	99.9	100 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	75 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	50.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99.9	999 9	999 9	999
99.9	99 9	99.9	25.0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 4
THROCKMORTON, TEXAS

1 MAY 1982
2300 GMT

154 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	404.8	972.2	29.4	24.9	0.0	0.0	0.0	0.0	305.0	360.9	20.9	77.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	11.7	604.7	950.0	17.6	12.4	999.9	99.9	99.9	99.9	295.0	320.4	9.6	71.9	999.9	999
1.4	14.1	832.2	925.0	15.2*	99.9	999.9	99.9	99.9	99.9	294.9	999.9	99.9	999.9	999.9	999
2.4	16.5	1063.2	900.0	13.3*	99.9	999.9	99.9	99.9	99.9	295.2	999.9	99.9	999.9	999.9	999
3.3	18.9	1298.7	875.0	11.4*	99.9	999.9	99.9	99.9	99.9	295.6	999.9	99.9	999.9	999.9	999
4.4	21.4	1540.1	850.0	10.1	8.4	999.9	99.9	99.9	99.9	296.8	318.8	8.2	89.2	999.9	999
5.3	23.9	1787.4	825.0	7.8	99.9	999.9	99.9	99.9	99.9	298.9	999.9	99.9	999.9	999.9	999
6.4	26.3	2041.6	800.0	7.2	6.6	999.9	99.9	99.9	99.9	298.9	319.8	7.7	95.9	999.9	999
7.5	28.9	2302.8	775.0	5.9	5.3	999.9	99.9	99.9	99.9	300.1	320.0	7.2	96.2	999.9	999
8.5	31.4	2571.2	750.0	4.4	3.4	999.9	99.9	99.9	99.9	301.3	319.4	6.5	93.4	999.9	999
9.6	33.9	2846.9	725.0	2.7	1.2	999.9	99.9	99.9	99.9	302.4	318.6	5.8	89.8	999.9	999
10.8	36.6	3130.7	700.0	1.5	-0.5	999.9	99.9	99.9	99.9	304.2	319.3	5.3	87.1	999.9	999
11.9	39.2	3423.6	675.0	0.5	-3.5	999.9	99.9	99.9	99.9	306.3	318.9	4.4	74.1	999.9	999
13.0	41.9	3726.0	650.0	-1.3	-5.2	999.9	99.9	99.9	99.9	307.5	319.2	4.0	75.0	999.9	999
14.0	44.6	4038.4	625.0	-2.6	-6.7	999.9	99.9	99.9	99.9	309.5	320.5	3.7	73.3	999.9	999
15.3	47.4	4361.8	600.0	-4.0	-11.1	999.9	99.9	99.9	99.9	311.5	319.9	2.7	57.5	999.9	999
16.7	50.2	4696.1	575.0	-6.0	99.9	999.9	99.9	99.9	99.9	312.9	999.9	99.9	999.9	999.9	999
17.9	53.1	5043.1	550.0	-7.9	-15.3	999.9	99.9	99.9	99.9	314.7	321.3	2.1	55.1	999.9	999
18.9	56.1	5403.8	525.0	-9.5	-17.4	999.9	99.9	99.9	99.9	317.0	322.9	1.9	52.5	999.9	999
20.2	59.0	5778.9	500.0	-11.9	-22.7	999.9	99.9	99.9	99.9	318.6	322.6	1.2	40.0	999.9	999
22.0	62.1	6170.0	475.0	-14.4	-27.4	999.9	99.9	99.9	99.9	320.2	323.0	0.8	31.9	999.9	999
23.5	65.4	6577.7	450.0	-17.5	-28.8	999.9	99.9	99.9	99.9	321.3	323.9	0.8	36.3	999.9	999
25.0	68.6	7002.9	425.0	-20.8	-38.5	999.9	99.9	99.9	99.9	322.3	323.5	0.3	18.6	999.9	999
26.7	72.0	7447.7	400.0	-24.7	-40.0	999.9	99.9	99.9	99.9	322.9	324.0	0.3	22.3	999.9	999
28.3	75.4	7914.3	375.0	-28.2	-45.9	999.9	99.9	99.9	99.9	324.3	324.9	0.2	16.4	3.7	92
30.1	79.0	8405.4	350.0	-32.1	-48.9	288.1	10.7	10.2	-3.3	325.5	326.0	0.1	16.9	4.6	97
32.0	82.7	8923.7	325.0	-36.8	-50.0	282.1	11.9	11.6	-2.5	326.0	326.4	0.1	23.6	5.9	98
34.0	86.7	9473.1	300.0	-40.8	99.9	289.8	13.1	12.4	-4.4	327.8	999.9	99.9	999.9	7.4	100
36.3	90.7	10058.7	275.0	-46.0	99.9	291.2	15.0	14.0	-5.4	328.6	999.9	99.9	999.9	9.3	102
38.4	95.0	10684.1	250.0	-51.6	99.9	286.5	14.6	14.0	-4.1	329.3	999.9	99.9	999.9	11.2	103
40.9	99.6	11363.1	225.0	-55.0	99.9	284.2	20.3	19.7	-5.0	334.3	999.9	99.9	999.9	13.6	103
43.4	104.6	12107.9	200.0	-59.5	99.9	296.8	21.3	19.0	-9.6	338.6	999.9	99.9	999.9	16.9	105
46.2	109.8	12936.9	175.0	-63.0	99.9	292.0	20.4	18.9	-7.7	345.9	999.9	99.9	999.9	20.0	107
49.3	115.5	13893.2	150.0	-60.4	99.9	287.9	22.8	21.7	-7.0	366.1	999.9	99.9	999.9	24.4	108
53.0	122.0	15021.9	125.0	-62.7	99.9	283.8	22.3	21.7	-5.3	381.4	999.9	99.9	999.9	29.2	107
57.5	129.3	16390.2	100.0	-64.0	99.9	296.9	18.6	16.6	-8.4	404.1	999.9	99.9	999.9	34.7	100
63.2	137.7	18152.0	75.0	-63.5	99.9	311.1	10.9	8.2	-7.2	439.9	999.9	99.9	999.9	40.0	109
71.0	147.3	20665.4	50.0	-58.7	99.9	173.1	4.8	-0.6	4.7	505.4	999.9	99.9	999.9	41.1	111
82.6	157.7	25090.5	25.0	-52.1	99.9	61.2	2.3	-2.0	-1.1	635.3	999.9	99.9	999.9	39.6	115

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157 18 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 5	404 8	972.2	17.5	17 0	999 9	99 9	99 9	99 9	293 0	325 8	12 7	97 0	999 9	999
99 9	99 9	99.9	1000.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	11.6	602 7	950.0	17 5	12 9	999 9	99 9	99 9	99 9	295 0	321 1	9 9	74 0	999 9	999
1 8	14.1	830 2	925 0	15 5	12 6	999 9	99 9	99 9	99 9	295 2	321 5	10 0	82 9	999 9	999
2 7	16 5	1062.5	900.0	13.9	11 5	999 9	99 9	99 9	99 9	295.8	321 1	9 5	85 4	999 9	999
3 6	19.0	1299 8	875 0	12.3	9 1	999 9	99 9	99.9	99 9	296 5	318 8	8 3	80 9	999 9	999
4 5	21 5	1542 7	850.0	10.4	9 4	999 9	99 9	99 9	99 9	297 0	320 5	8 8	93 6	999 9	999
5 5	24 1	1791 1	825 0	8 8	8 0	999 9	99 9	99.9	99 9	297 9	320 0	8 2	94 3	999 9	999
6 5	26 6	2045 7	800.0	7 2	6 3	999 9	99 9	99.9	99 9	298 8	319 3	7 5	94 3	999 9	999
7 4	29 2	2306 7	775.0	5 6	4 7	999 9	99 9	99 9	99.9	299 8	318 8	6 9	94 0	999 9	999
8.5	31 8	2574.5	750 0	3.7	2 7	999 9	99 9	99 9	99 9	300 6	317 8	6.2	93 5	999 9	999
9 6	34.4	2849 7	725.0	2.4	0.6	999 9	99 9	99 9	99.9	302 1	317 7	5 6	88 1	999 9	999
10.5	37 1	3133 0	700.0	1 2	-3.0	999 9	99 9	99 9	99 9	303 6	316 3	4 4	73 5	999 9	999
11.6	39.9	3425.5	675.0	-0 0	-3 7	999 9	99.9	99.9	99 9	305 7	318 2	4 3	76.3	999 9	999
12 8	42 6	3727.7	650.0	-1.2	-5.7	999 9	99 9	99 9	99 9	307 6	318 9	3 9	71 5	999 9	999
14.0	45 3	4039 8	625.0	-3.0	-7 5	999.9	99 9	99 9	99 9	309 1	319 4	3 5	70 9	999 9	999
15.3	48.2	4362.2	600.0	-5.0	-11.7	999.9	99 0	99.9	99 9	310 4	318.3	2 6	59 1	999 9	999
16 5	51 1	4695.6	575.0	-6 9	-14.2	999 9	99.9	99 9	99 9	311 9	318 7	2 2	56 0	999 9	999
17.8	54 1	5041 7	550.0	-8.1	-19 5	999 9	99.9	99 9	99 9	314.5	319 2	1 5	39 3	999 9	999
19 2	57.1	5401 9	525.0	-10.1	-26 9	999 9	99.9	99.9	99 9	316 2	318 9	0 8	24 2	999 9	999
20.5	60 1	5776 3	500.0	-12.6	-39 3	999 9	99 9	99 9	99 9	317 7	318 6	0 3	8 7	999 9	999
21.9	63.3	6165 8	475 0	-15 4	-49 4	999 9	99 9	99.9	99 9	319 0	319 3	0 1	3 8	999 9	999
23.5	66.6	6572.2	450 0	-18.2	-55.1	999.9	99 9	99.9	99 9	320 4	320 6	0 0	2 3	999 9	999
25.1	69 8	6996.3	425.0	-21 4	-60 4	999 9	99 9	99 9	99 9	321 5	321 6	0 0	1 5	999 9	999
26 8	73.3	7440.2	400 0	-25.0	-62 3	999 9	99 9	99 9	99 9	322 5	322 5	0 0	1.6	999 9	999
28.5	76.7	7905.8	375.0	-28.7	-64 9	999 9	99 9	99 9	99 9	323 6	323 7	0.0	1 6	999 9	999
30 3	80 4	8395 8	350.0	-32 9	-66 4	999 9	99 9	99.9	99 9	324 4	324 4	0 0	2 0	999 9	999
32.3	84 3	8912.2	325.0	-37 7	-68 4	999 9	99 9	99 9	99 9	324 7	324 8	0 0	2 4	999 9	999
34.2	88.1	9458.9	300.0	-42.3	99 9	999 9	99 9	99.9	99 9	325 8	999 9	99 9	999 9	999 9	999
36.4	92 3	10041.6	275.0	-47.0	99 9	999 9	99 9	99.9	99 9	327 1	999 9	99 9	999 9	999 9	999
38 5	96 7	10666.2	250 0	-51.0	99 9	999 9	99 9	99.9	99.9	330 3	999 9	99 9	999 9	999 9	999
40.7	101.2	11345.3	225.0	-54.9	99 9	999 9	99 9	99.9	99.9	334 4	999 9	99 9	999 9	999 9	999
43 2	106.3	12091 0	200 0	-59 0	99 9	999 9	99 9	99 9	99 9	339 4	999 9	99 9	999 9	999 9	999
45 7	111.8	12918.9	175.0	-62.0	99 0	999 9	99 9	99.9	99 9	347 6	999 9	99 9	999 9	999 9	999
48.4	117.5	13871.1	150 0	-62.1	99 9	999 9	99 9	99 9	99 9	363 1	999.9	99 9	999 9	999 9	999
51 7	124 0	14994 0	125.0	-63.7	99 9	999 9	99 9	99 9	99 9	379 6	999 9	99 9	999 9	999 9	999
55.6	131 7	16360.4	100.0	-64.0	99 9	999 9	99 9	99 9	99 9	404 2	999 9	99 9	999 9	999 9	999
60.5	140.5	18118.0	75 0	-64 8	99 9	999 9	99 9	99 9	99 9	437 1	999 9	99.9	999 9	999 9	999
68 0	150 7	20620 2	50.0	-61 8	99 9	999 9	99 9	99 9	99 9	497 9	999 9	99.9	999 9	999 9	999
81.0	162.0	24992.7	25.0	-52.2	99 9	999 9	99 9	99.9	99 9	634 5	999 9	99.9	999 9	999 9	999

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

STATION NO. 4
THROCKMORTON, TEXAS

2 MAY 1982
500 GMT

157 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	404.8	973.9	17.9	15.3	0.0	0.0	0.0	0.0	293.3	322.8	11.4	85.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	11.4	617.6	950.0	17.7	13.7	132.1	5.3	-3.9	3.5	295.2	322.7	10.5	77.4	0.2	284
1.8	13.7	845.4	925.0	15.7	13.3	131.5	6.5	-4.9	4.3	295.4	323.0	10.5	86.0	0.5	305
2.5	16.1	1077.8	900.0	13.7	13.1	129.7	6.4	-4.9	4.1	295.7	323.7	10.6	96.3	0.8	307
3.4	18.5	1315.3	875.0	12.1	11.1	139.3	4.6	-3.0	3.5	296.4	321.8	9.6	93.7	1.1	307
4.3	20.8	1558.3	850.0	11.1	10.2	173.9	4.1	-0.4	4.0	297.8	322.6	9.2	93.8	1.3	311.
5.3	23.3	1807.6	825.0	9.6	8.6	210.9	5.7	2.9	4.9	298.8	322.3	8.7	94.6	1.4	321
6.6	25.7	2062.9	800.0	7.8	7.1	219.8	5.9	3.8	4.6	299.4	321.0	7.9	95.2	1.6	338
7.7	28.1	2324.3	775.0	5.8	4.2	217.2	7.5	4.5	5.9	300.0	318.5	6.7	90.0	1.8	350
8.8	30.6	2592.9	750.0	4.4	3.3	211.6	6.8	3.6	5.6	301.3	319.3	6.5	92.8	2.2	359
9.8	33.1	2868.6	725.0	2.8	2.0	218.0	7.0	4.3	5.6	302.6	319.7	6.1	94.2	2.5	4
10.8	35.8	3152.4	700.0	1.3	-2.8	226.5	7.5	5.4	5.1	304.0	316.8	4.5	74.3	2.9	10
11.9	38.3	3444.8	675.0	-0.3	-3.4	227.3	7.1	5.2	4.8	305.4	318.1	4.4	79.1	3.3	15
13.1	41.0	3746.5	650.0	-1.6	-4.9	221.7	5.6	3.7	4.2	307.1	319.1	4.1	78.4	3.7	19
14.3	43.7	4058.7	625.0	-2.9	-7.3	203.9	4.3	1.8	4.0	309.1	319.6	3.5	71.8	4.0	20
15.5	46.4	4381.3	600.0	-4.8	-10.6	165.9	2.6	-0.6	2.8	310.5	319.1	2.8	63.8	4.3	19
16.8	49.2	4715.6	575.0	-5.5	-17.3	102.9	2.2	-2.1	0.5	313.6	319.0	1.7	38.6	4.3	17
18.2	52.1	5063.7	550.0	-7.0	-21.2	42.2	1.1	-0.8	-0.8	315.7	319.9	1.3	31.1	4.3	15
19.5	55.0	5424.6	525.0	-9.9	-24.6	318.8	1.5	1.0	-1.1	316.6	319.8	1.0	28.6	4.2	16
20.8	57.9	5799.4	500.0	-12.1	-36.8	326.8	3.3	1.8	-2.7	318.3	319.5	0.3	10.8	4.1	18
22.2	61.0	6189.3	475.0	-14.4	-50.9	353.3	4.1	0.5	-4.1	320.1	320.4	0.1	2.7	3.9	21
23.8	64.1	6596.8	450.0	-17.7	-48.3	351.2	5.0	0.8	-4.9	321.0	321.4	0.1	4.9	3.5	24
25.3	67.4	7022.0	425.0	-20.9	-50.4	335.2	5.2	2.2	-4.7	322.2	322.6	0.1	5.0	3.2	29
27.0	70.6	7466.4	400.0	-25.1	-53.0	330.2	6.9	3.4	-6.0	322.4	322.6	0.1	5.4	2.9	39.
28.8	74.1	7931.5	375.0	-28.7	-55.2	328.1	8.9	4.7	-7.6	323.6	323.8	0.1	5.7	2.7	57
30.7	77.7	8421.3	350.0	-33.0	-55.1	305.3	10.1	8.2	-5.8	324.3	324.5	0.1	8.8	3.1	77
32.6	81.3	8938.2	325.0	-36.6	-58.9	300.1	12.3	10.6	-6.2	326.3	326.5	0.0	7.7	4.0	88
34.6	85.2	9487.0	300.0	-41.3	99.9	304.7	15.0	12.3	-8.5	327.2	999.9	99.9	999.9	5.5	99
36.8	89.3	10071.8	275.0	-46.0	99.9	299.4	16.9	14.8	-8.3	328.6	999.9	99.9	999.9	7.4	105
39.1	93.6	10700.9	250.0	-49.4	99.9	291.5	22.0	20.4	-8.0	332.6	999.9	99.9	999.9	10.1	108.
41.5	98.2	11385.4	225.0	-53.9	99.9	285.1	23.8	23.0	-6.2	336.0	999.9	99.9	999.9	13.5	108
44.2	103.0	12131.4	200.0	-59.8	99.9	288.1	23.0	21.9	-7.2	338.1	999.9	99.9	999.9	17.2	107
47.3	108.4	12957.1	175.0	-63.3	99.9	295.4	24.3	21.9	-10.4	345.5	999.9	99.9	999.9	21.6	108
50.6	114.0	13908.6	150.0	-62.1	99.9	293.7	23.8	21.8	-9.6	363.0	999.9	99.9	999.9	26.3	110
54.5	120.7	15027.2	125.0	-63.9	99.9	296.8	20.5	18.3	-9.2	379.4	999.9	99.9	999.9	31.9	110
58.8	128.0	16393.9	100.0	-64.1	99.9	292.8	13.5	12.5	-5.3	404.0	999.9	99.9	999.9	36.0	111
64.2	136.7	18147.0	75.0	-64.6	99.9	303.2	7.4	6.2	-4.0	437.4	999.9	99.9	999.9	39.5	112
71.8	147.0	20638.2	50.0	-62.1	99.9	308.7	5.8	4.6	-3.7	497.1	999.9	99.9	999.9	41.1	113
84.1	158.3	25044.8	25.0	-53.4	99.9	186.4	4.1	0.5	4.0	631.6	999.9	99.9	999.9	38.0	115

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

1 MAY 1982
1119 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	193.2	998.3	14.6	14.6	360.0	0.0	0.0	0.0	287.9	314.8	10.6	100.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	9.8	393.7	975.0	14.3	13.4	53.5	4.2	-3.4	-2.5	289.5	315.3	10.0	94.5	0.3	180
1.5	12.3	614.0	950.0	14.8	14.0	95.7	4.1	-4.1	0.4	292.2	319.9	10.6	94.6	0.4	206
2.4	14.8	840.5	925.0	14.8	12.3	135.2	4.1	-2.9	2.9	294.4	320.3	9.8	85.5	0.4	250
3.4	17.4	1073.0	900.0	15.2	7.2	184.2	1.6	0.1	1.6	297.2	316.5	7.1	59.0	0.5	261
4.3	20.0	1311.2	875.0	14.1	4.1	190.9	2.1	0.4	2.1	298.4	314.6	5.9	51.0	0.4	273
5.1	22.6	1554.9	850.0	11.7	2.6	176.3	2.2	-0.1	2.2	298.4	313.5	5.5	53.9	0.4	288
6.0	25.2	1803.7	825.0	9.2	2.2	118.3	2.2	-1.9	1.0	298.4	313.5	5.5	61.3	0.5	294
7.1	27.9	2058.3	800.0	7.5	1.0	142.5	1.1	-0.7	0.9	299.2	313.6	5.2	63.4	0.6	293
8.1	30.7	2319.1	775.0	5.4	1.3	234.2	2.2	1.8	1.3	299.6	314.7	5.4	75.0	0.6	298
9.2	33.3	2586.5	750.0	3.5	1.6	229.4	3.9	3.0	2.6	300.3	316.3	5.7	87.5	0.6	317
10.3	36.1	2861.0	725.0	1.6	0.5	212.4	6.3	3.4	5.3	301.2	316.6	5.5	92.6	0.7	346
11.7	39.0	3143.7	700.0	0.7	-0.3	213.4	9.5	5.2	7.9	303.2	318.4	5.4	93.3	1.3	7
13.3	41.9	3435.7	675.0	-0.8	-1.8	225.4	10.6	7.6	7.5	304.7	319.0	5.0	93.2	2.2	23
14.7	44.8	3737.0	650.0	-2.3	-3.2	237.0	10.5	8.8	5.7	306.3	319.8	4.6	93.5	3.0	30
16.0	47.6	4048.4	625.0	-3.0	-3.9	249.9	10.6	10.0	3.7	309.0	322.4	4.6	93.6	3.7	37
17.6	50.8	4371.2	600.0	-4.7	-5.7	262.6	10.0	10.0	1.3	310.7	323.1	4.2	93.1	4.5	45
19.0	53.8	4705.4	575.0	-6.6	-7.6	270.4	7.3	7.3	-0.1	312.3	323.5	3.8	92.3	5.1	51
20.4	56.9	5052.1	550.0	-8.4	-9.5	290.3	3.8	3.6	-1.3	314.1	324.5	3.4	91.9	5.4	54
22.0	60.1	5411.8	525.0	-11.2	-12.4	301.5	3.1	2.6	-1.6	315.0	323.7	2.8	90.3	5.6	57
23.6	63.4	5785.3	500.0	-13.4	-15.0	304.0	2.8	2.3	-1.6	316.7	324.2	2.4	87.3	5.7	60
25.3	66.7	6174.2	475.0	-15.9	-18.1	277.0	3.0	3.0	-0.4	318.3	324.5	1.9	83.3	5.8	62
27.1	70.1	6579.6	450.0	-18.8	-21.5	255.1	4.6	4.5	1.2	319.6	324.5	1.5	79.3	6.2	63
28.8	73.7	7003.3	425.0	-22.0	-25.2	242.8	5.0	4.5	2.3	320.8	324.6	1.2	74.8	6.7	64
30.6	77.3	7446.9	400.0	-25.1	-28.7	240.2	4.3	3.8	2.1	322.4	325.4	0.9	71.8	7.2	63
32.4	81.0	7912.4	375.0	-28.9	-32.8	240.7	3.9	3.4	1.9	323.4	325.6	0.6	68.7	7.7	63
34.2	84.8	8402.7	350.0	-32.6	-36.7	309.9	1.9	1.5	-1.2	324.9	326.5	0.5	66.3	8.0	63
36.1	88.8	8921.1	325.0	-36.5	-41.0	67.2	3.0	-2.8	-1.2	326.3	327.5	0.3	62.7	7.8	63
38.1	93.0	9470.5	300.0	-41.5	99.9	39.9	3.3	-2.1	-2.5	326.6	999.9	99.9	999.9	7.4	63
40.4	97.3	10054.1	275.0	-47.0	99.9	4.6	4.6	-0.4	-4.6	327.2	999.9	99.9	999.9	7.1	66
42.8	101.8	10677.2	250.0	-52.6	99.9	0.4	7.4	-0.1	-7.4	327.9	999.9	99.9	999.9	6.8	73
45.4	106.6	11351.2	225.0	-56.9	99.9	45.3	9.7	-6.9	-6.8	331.3	999.9	99.9	999.9	6.1	83
48.1	111.8	12085.5	200.0	-63.5	99.9	58.8	8.0	-6.9	-4.2	332.2	999.9	99.9	999.9	4.7	89
51.2	117.0	12903.2	175.0	-61.2	99.9	329.0	7.6	3.9	-6.5	348.9	999.9	99.9	999.9	4.3	100
55.1	122.7	13862.3	150.0	-60.7	99.9	286.1	12.4	11.9	-3.4	365.5	999.9	99.9	999.9	6.6	106
59.8	128.7	14995.1	125.0	-61.9	99.9	281.2	15.0	14.8	-2.9	382.9	999.9	99.9	999.9	10.7	104
65.6	135.5	16366.1	100.0	-62.9	99.9	289.0	14.8	14.0	-4.8	406.2	999.9	99.9	999.9	15.7	105
72.3	142.7	18141.0	75.0	-64.3	99.9	295.1	10.6	9.6	-4.5	438.2	999.9	99.9	999.9	20.7	105
81.2	150.3	20652.7	50.0	-60.0	99.9	48.2	2.9	-2.1	-1.9	502.3	999.9	99.9	999.9	22.9	108
94.6	158.7	25057.0	25.0	-53.9	999.9	999.9	99.9	99.9	99.9	630.1	999.9	99.9	999.9	22.9	111.

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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

1 MAY 1982
1401 GMT

158 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7 3	193.2	1000.0	15 5	15 5	360 0	0 0	0 0	0 0	288 7	317 1	11 2	100 0	0 0	0
99 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 9	9 8	406.9	975 0	12 2	12 2	40 7	1 4	-0 9	-1.1	287 5	311 1	9 2	101 6	0 1	201
1 8	12 4	625.4	950.0	12.6	12 6	999 9	99 9	99.9	99 9	290.0	315 2	9 7	101 6	0.1	211
2 6	14 9	849.9	925.0	12.4	12 4	999 9	99 9	99.9	99 9	292 0	317 7	9 9	101 0	999.9	999
3 4	17 5	1079.9	900 0	10.7	9 7	999.9	99.9	99 9	99 9	292 6	314 9	8 5	93 4	999 9	999
4 3	20 1	1314.3	875.0	9 2	3 6	999 9	99 9	99.9	99.9	293 3	308 6	5 7	68 0	999 9	999
5 2	22 7	1554.8	850.0	8 9	3 4	999 9	99 9	99 9	99 9	295 5	311 2	5 8	68 4	999 9	999
6 1	25 3	1801.5	825.0	7 2	2 8	999 9	99 9	99 9	99 9	296 3	311 8	5 7	73 4	999 9	999
7 1	28 1	2054.1	800.0	5 3	3 0	999 9	99 9	99 9	99 9	296 9	313 2	6 0	85 0	999 9	999
8 0	30 8	2313.2	775.0	3 7	2 9	999 9	99.9	99 9	99 9	297 7	314 5	6 1	94 9	999 9	999
9 0	33 6	2579.1	750 0	1 9	1 4	999 9	99 9	99.9	99 9	298 6	314 3	5 7	96 9	999 9	999
10 0	36 4	2852.3	725.0	0 4	0 1	999 9	99 9	99 9	99 9	299 9	314 8	5 4	98 0	999 9	999
11 3	39 2	3133 6	700 0	-1 0	-1 2	999 9	99 9	99 9	99 9	301 4	315 6	5 0	98 3	999 9	999
12 3	42 1	3424.0	675 0	-1 9	-2 2	999 9	99 9	99 9	99 9	303 5	317 3	4 9	98 2	1 7	351
13 4	45 0	3723 7	650 0	-3 2	-3 5	215 0	10 0	5 7	8 2	305 3	318 4	4 5	98 0	2 3	1
14 6	48 0	4033.6	625.0	-4 8	-5 1	236 5	8 3	6 9	4 6	307 0	319 2	4 2	97 8	2 8	10
15 9	51 0	4354 5	600.0	-6.1	-6 5	250 1	8 6	8 1	2 9	309 0	320 6	3 9	97 6	3 2	20
17 1	54.1	4687.0	575 0	-8 3	-8 7	263 8	8 9	8 8	1 0	310 3	320 6	3 5	97 3	3 6	29
18 4	57 3	5031.4	550.0	-10 1	-10 5	259 6	9 4	9 2	1 7	312 1	321 6	3 1	97 0	4 0	37
19 8	60 5	5389 2	525 0	-12 2	-12 7	250 1	7 8	7 3	2 6	313 8	322 2	2 7	96 2	4 6	42
21 1	63 8	5760 9	500.0	-14.6	-15 8	237 5	4 4	3 7	2 4	315 2	322 2	2 2	90 8	5 1	44
22 7	67 1	6147 6	475.0	-17 4	-19.3	257 9	2 3	2 3	0 5	316 5	322 1	1 7	85 1	5 4	45
24 1	70 6	6551.0	450.0	-20.1	-23 5	293 2	2 5	2 3	-1 0	318 0	322 1	1 3	74 0	5 5	47
25 6	74 1	6972.5	425 0	-23.0	-27 7	295 4	3 6	3 3	-1 6	319 5	322 5	0 9	65 3	5 5	49
27 1	77.9	7413.8	400.0	-26.6	-32 0	289 2	4 1	3.9	-1 4	320 5	322 7	0 6	59 6	5 7	53
28 7	81 5	7877.1	375 0	-30.0	-35 2	308 9	4 6	3 6	-2 9	321 9	323 7	0 5	59 9	5 9	56
30 3	85 3	8364 7	350.0	-33 8	-38 9	331 7	5 1	2 4	-4 5	323 2	324 6	0 4	59 3	6 0	61
32 1	89 3	8880.1	325.0	-37 8	-43 0	13 0	3 0	-0 7	-2 9	324 5	325 5	0 3	58 0	5 9	65
33 9	93 5	9426.6	300 0	-42.2	99 9	30 8	2 5	-1 3	-2 1	325 8	999 9	99 9	999 9	5 7	66
36 0	98 0	10008.1	275.0	-47 1	99 9	358 5	5 7	0 1	-5 7	327 0	999 9	99 9	999 9	5 5	70
38 0	102 5	10632.0	250.0	-52.1	99 9	357 5	7 6	0 3	-7 6	328 7	999 9	99 9	999 9	5 4	79
40 3	107 3	11306 6	225.0	-57.7	99 9	25 6	5 9	-2 6	-5 4	330 1	999 9	99 9	999 9	5 0	88
42 7	112 4	12039.9	200.0	-63.2	99 9	351 9	8 3	1 2	-8 2	332 6	999 9	99 9	999 9	4 9	98
45 3	117 6	12858.4	175.0	-63 0	99 9	308 8	12 1	9 5	-7 6	346 0	999 9	99 9	999 9	6 2	110
48 6	123 5	13816 9	150.0	-60.7	99 9	296 5	13 2	11 8	-5 9	365 5	999 9	99 9	999 9	8 6	113
52 5	129 5	14947.1	125.0	-61 5	99 9	289 3	13 8	13 1	-4 6	383 7	999 9	99 9	999 9	11 9	113
57 5	136 2	16324 5	100.0	-62.4	99 9	287 6	12 5	11 9	-3 8	407 3	999 9	99 9	999 9	15 8	112
63 1	143 3	18092 0	75 0	-63.6	99.9	298 3	9.1	8 0	-4 3	439 5	999 9	99 9	999 9	19 3	111
70 9	151 0	20614.4	50.0	-58 6	99.9	240 2	3 3	2 9	1 6	505 5	999 9	99 9	999 9	21 9	114
83 1	159 3	25016.2	25 0	-54.0	99 9	999 9	99 9	99 9	99 9	629 8	999 9	99 9	999 9	20 7	116

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

1 MAY 1982
1700 GMT

152 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	193.2	1000.5	18.8	16.9	70.0	1.5	-1.4	-0.5	291.9	323.5	12.3	89.0	0.0	0
0.0	7.2	197.5	1000.0	18.7	16.8	68.9	1.5	-1.4	-0.5	291.8	323.1	12.1	88.6	0.0	352
1.0	8.8	413.7	975.0	15.0	14.6	39.9	1.2	-0.8	-0.9	290.3	318.0	10.8	97.3	0.1	230
1.9	11.3	533.9	950.0	14.4	14.0	355.6	0.5	0.0	-0.5	291.8	319.4	10.7	97.6	0.1	222
2.8	13.9	859.8	925.0	13.5	10.6	36.8	0.8	-0.5	-0.6	293.2	316.2	8.7	82.4	0.2	220
3.7	16.6	1090.8	900.0	13.9	5.3	66.6	0.8	-0.7	-0.3	295.9	312.9	6.3	56.1	0.2	223
4.6	19.1	1328.1	875.0	13.0	4.5	159.9	0.7	-0.2	0.7	297.3	313.9	6.1	56.3	0.2	229
5.6	21.7	1571.5	850.0	11.8	3.3	999.9	99.9	99.9	99.9	298.5	314.3	5.7	55.9	999.9	999
6.6	24.4	1820.8	825.0	9.8	2.3	999.9	99.9	99.9	99.9	298.9	314.2	5.5	59.7	999.9	999
7.6	27.1	2075.6	800.0	7.9	2.7	999.9	99.9	99.9	99.9	299.6	315.8	5.8	69.4	999.9	999
8.6	29.8	2336.9	775.0	5.6	1.5	999.9	99.9	99.9	99.9	299.9	315.2	5.5	74.6	999.9	999
9.7	32.6	2604.6	750.0	4.0	-4.3	999.9	99.9	99.9	99.9	300.9	311.5	3.7	54.9	999.9	999
10.8	35.4	2879.4	725.0	2.1	-4.3	999.9	99.9	99.9	99.9	301.8	312.8	3.8	62.5	999.9	999
12.0	38.2	3161.9	700.0	0.2	-2.3	999.9	99.9	99.9	99.9	302.7	315.9	4.6	83.6	2.6	14
13.2	41.0	3453.3	675.0	-0.8	-1.6	218.2	5.3	3.3	4.2	304.7	319.2	5.1	94.7	3.0	18
14.4	44.0	3754.7	650.0	-1.2	-3.7	234.9	4.3	3.5	2.4	307.7	320.7	4.5	82.8	3.3	20
15.7	47.0	4066.9	625.0	-2.3	-6.0	272.3	4.5	4.5	-0.2	309.9	321.5	3.9	75.5	3.5	25
16.8	50.0	4390.0	600.0	-5.0	-7.7	283.7	4.8	4.7	-1.2	310.3	321.0	3.6	81.5	3.6	29
18.1	53.1	4723.4	575.0	-7.5	-8.8	280.1	5.6	5.6	-1.0	311.2	321.4	3.4	90.4	3.7	35
19.6	56.1	5068.6	550.0	-9.3	-10.6	272.2	6.6	6.6	-0.2	313.1	322.5	3.1	90.0	4.0	42
21.0	59.4	5427.4	525.0	-11.5	-14.1	272.9	6.1	6.1	-0.3	314.6	322.2	2.4	80.8	4.4	48
22.5	62.6	5800.4	500.0	-13.5	-18.6	253.3	4.5	4.3	1.3	316.6	322.2	1.8	65.6	4.8	52
24.1	66.0	6188.8	475.0	-16.1	-20.0	230.2	4.1	3.1	2.6	318.1	323.3	1.6	71.7	5.2	52
25.5	69.4	6594.3	450.0	-19.0	-23.4	234.1	2.9	2.3	1.7	319.3	323.5	1.3	67.9	5.5	52
27.1	72.9	7017.7	425.0	-21.8	-28.9	257.5	3.4	3.4	0.7	321.1	323.8	0.8	52.2	5.7	53
28.8	76.4	7461.5	400.0	-25.0	-33.6	255.4	4.7	4.5	1.2	322.6	324.5	0.5	43.9	6.1	54
30.4	80.1	7927.3	375.0	-28.5	-34.8	257.6	3.5	3.4	0.8	323.9	325.8	0.5	53.9	6.5	55
32.2	84.0	8417.8	350.0	-32.2	-38.2	322.9	2.3	1.4	-1.8	325.3	326.7	0.4	54.7	6.6	57
33.7	87.8	8936.8	325.0	-36.3	-43.5	307.0	3.7	2.9	-2.2	326.7	327.6	0.2	46.9	6.7	59
35.7	92.0	9486.3	300.0	-41.1	99.9	325.0	4.6	2.6	-3.8	327.4	999.9	99.9	999.9	6.8	63
37.7	96.2	10071.3	275.0	-46.2	99.9	332.6	7.7	3.5	-6.8	328.3	999.9	99.9	999.9	6.9	69
39.8	100.6	10697.8	250.0	-51.6	99.9	330.6	9.4	4.6	-8.2	329.4	999.9	99.9	999.9	7.1	78
42.0	105.2	11374.1	225.0	-56.4	99.9	318.0	8.7	5.8	-6.5	332.2	999.9	99.9	999.9	7.6	86
44.3	110.0	12112.5	200.0	-61.0	99.9	312.8	11.5	8.4	-7.8	336.2	999.9	99.9	999.9	8.5	93
46.7	115.2	12933.7	175.0	-64.2	99.9	304.1	15.5	12.9	-8.7	344.0	999.9	99.9	999.9	10.3	99
49.4	120.5	13889.5	150.0	-60.2	99.9	293.7	14.2	13.0	-5.7	366.4	999.9	99.9	999.9	12.5	103
52.8	126.2	15026.0	125.0	-61.9	99.9	289.1	14.9	14.1	-4.9	382.8	999.9	99.9	999.9	15.5	104
56.6	132.3	16399.0	100.0	-62.4	99.9	293.4	13.5	12.4	-5.4	407.2	999.9	99.9	999.9	18.8	105
61.6	139.0	18175.8	75.0	-62.5	99.9	294.5	9.0	8.2	-3.8	442.0	999.9	99.9	999.9	21.8	107
68.4	146.2	20709.4	50.0	-58.6	99.9	298.5	2.7	2.4	-1.3	505.5	999.9	99.9	999.9	23.5	108
79.3	153.7	25119.9	25.0	-52.3	99.9	15.9	2.2	-0.6	-2.2	634.7	999.9	99.9	999.9	23.2	110

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

1 MAY 1982
2300 GMT

156 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 3	193.2	997.6	22 1	18 3	360.0	0 0	0 0	0 0	295 5	326 3	11 8	69 6	0 0	0
99 9	99 9	99.9	1000.0	99.9	99.9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
0 9	9 5	392.2	975 0	20 4	15 4	96.1	5 9	-5.9	0 6	295 7	325 6	11 4	72 8	0 1	29
1 7	12 1	616.2	950.0	18 0	15 0	89.0	2.2	-2 2	-0 0	295 5	325 3	11 4	82 3	0 2	329
2 6	14 7	844.3	925 0	15 9	14 0	62 4	2 0	-1 8	-0 9	295 6	324 5	11 0	88 7	0 2	299
3 5	17 2	1077.1	900.0	14 7	12.4	71 9	2 1	-2 0	-0 6	296 6	323 6	10 2	86 5	0 3	279
4 3	19 8	1315 4	875.0	12 9	9 0	93.4	2 4	-2 4	0 1	297 2	319 5	8 3	76 9	0 4	276
5 2	22 4	1558.8	850.0	11 2	6.3	143 0	1 6	-1 0	1 3	297 9	317 1	7 1	71 6	0 5	277
6 1	25 0	1808.1	825.0	10 5	5 0	217 8	1 9	1 2	1 5	299 7	318 0	6 6	68 4	0 5	287
7 1	27 7	2063.9	800 0	8 3	6 6	231.9	4 5	3 5	2 8	300 0	320 9	7 7	88 8	0 4	306
8 0	30.3	2326.1	775.0	6 8	3.9	232 0	7 4	5 9	4 6	301 2	319 4	6 6	81 8	0 5	353
9 0	33 1	2594.9	730.0	5 3	-5 3	239.1	8 0	6 9	4 1	302 3	312 3	3 5	46 4	0 8	24
10 1	35 9	2871.1	725 0	3 7	-0 5	255 1	6.9	6.7	1 8	303 6	318 1	5 1	73 8	1 2	39
11 1	38 7	3155.5	700.0	1 3	0 6	275 9	4 8	4 7	-0 5	304 0	320 2	5.7	94 9	1 5	49
12 1	41 5	3448.5	675.0	1 4	-1 1	292.0	3 4	3 1	-1 3	307 2	322 3	5 3	83 6	1 6	56
13 2	44 4	3752 0	650.0	-0 6	-4 4	305 2	2 5	2 0	-1 4	308 3	320 8	4 3	75 6	1 7	61
14 4	47 4	4065.7	625.0	-1 0	-5 3	307.1	2 6	2 0	-1 5	311 3	323 5	4 1	72 5	1 8	67
15 6	50 4	4390.6	600.0	-3 3	-8 6	289.0	2 9	2.8	-1 0	312 3	322 4	3 3	66 4	1 9	71
16 8	53 4	4725.7	575.0	-6 1	-11.7	285 8	4 1	3 9	-1 1	312 9	321 2	2 7	64 3	2 1	74
18 0	56 5	5072.7	550 0	-8 3	-12 8	281 0	5 9	5 8	-1 1	314 2	322 2	2 6	70 3	2 5	79
19 3	59 7	5432.3	525 0	-11 0	-13 7	278 9	6 4	6 3	-1 0	315 2	323.0	2 5	80 5	2 9	82
20.6	63.0	5805.2	500.0	-14.1	-14.9	273.8	6 2	6 2	-0 4	315 8	323 3	2 4	93 5	3 4	84
22 0	66 3	6194.1	475 0	-15.6	-20 7	261 8	7 6	7 5	1 1	318 7	323 7	1 5	64 7	4 0	85
23 4	69 7	6600.7	450.0	-17 3	-25 3	274 1	7 0	7 0	-0 5	321.5	325 1	1 1	49 6	4 6	84
24 9	73 1	7026.6	425.0	-20.3	-31 3	294 6	6 9	6 3	-2 9	323 0	325 2	0 6	36 3	5 1	87
25.4	76 7	7473.0	400 0	-23 5	-37 5	295 6	7 8	6 9	-3 3	324 4	325 8	0 4	26 3	5 7	90
28 0	80 4	7940.9	375.0	-27 7	-38.8	293 3	7 9	7 2	-3 1	325 0	326 2	0 3	33 5	6 4	93
29 6	84 3	8432.9	350.0	-32.0	-44 5	293 4	8 7	8 0	-3 5	325 7	326 4	0 2	27 3	7 2	95
31.5	88 2	8951.2	325.0	-36 5	-51.1	300 4	10 8	9 3	-5 5	326 4	326 8	0 1	20 3	8 2	98
33.5	92 3	9500.2	300.0	-41 5	99.9	286 9	11 7	11 2	-3 4	326 9	999 9	99 9	999 9	9 5	101
35.5	96 7	10084.0	275 0	-46 6	99.9	278.1	13 0	12 8	-1 8	327 7	999 9	99 9	999 9	11 0	100
37 7	101 2	10709.7	250.0	-51 6	99 9	288 0	14 2	13 5	-4 4	329 4	999 9	99 9	999 9	12 8	101
40.0	105 8	11385.1	225.0	-56 2	99 9	290 9	16 1	15 0	-5 7	332 5	999 9	99 9	999 9	14 8	102
42.5	110 6	12126 1	200 0	-60 1	99 9	299 2	15 8	13 6	-7 6	337 6	999 9	99 9	999 9	17 3	104
45 3	116 2	12952 3	175 0	-61 6	99.9	285 9	15 9	15 2	-4 3	348 3	999 9	99 9	999 9	19 6	105
48 5	121 7	13910 2	150.0	-61 8	99.9	294 3	19 5	17 8	-8 0	363 7	999 9	99 9	999 9	23 1	106
52 3	127.7	15037.7	125.0	-62 5	99 9	291 9	21 6	20 0	-8 1	381 8	999 9	99 9	999 9	27 9	107
56 9	134 2	16410 2	100.0	-64 4	99 9	296.8	15 9	14 2	-7 2	403 3	999 9	99 9	999 9	33 2	108
62.7	141 2	18180.6	75 0	-63 5	99 9	298 0	10 1	8 9	-4 7	439 7	999 9	99 9	999 9	37 4	109
70 1	148 7	20698.9	50.0	-59 5	99 9	184 9	4 5	0 4	4 4	503 5	999 9	99 9	999 9	39 3	111
82 0	158 7	25114.5	25 0	-52 2	99 9	151 4	5 4	-2 6	4 7	635 0	999 9	99 9	999 9	36 2	114

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 5
DENTON TEXAS

2 MAY 1982
201 GMT

168 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	193.2	997.8	19.0	16.9	360.0	0.0	0.0	0.0	292.4	323.9	12.2	87.4	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.4	390.5	975.0	18.0	15.0	999.9	99.9	99.9	99.9	293.2	322.1	11.1	82.7	999.9	999
1.6	12.1	612.5	950.0	16.1	13.7	999.9	99.9	99.9	99.9	293.5	320.8	10.4	85.7	0.1	290
2.5	14.9	839.2	925.0	14.7	12.3	95.7	1.1	-1.1	0.1	294.4	320.1	9.8	85.1	0.2	285
3.4	17.6	1070.8	900.0	13.0	8.1	96.3	0.8	-0.8	0.1	294.9	315.1	7.6	72.2	0.3	284
4.4	20.3	1307.6	875.0	11.9	8.8	999.9	99.9	99.9	99.9	296.1	318.0	8.2	81.9	999.9	999
5.3	23.1	1549.8	850.0	9.5	9.5	999.9	99.9	99.9	99.9	296.1	319.7	8.8	100.3	999.9	999
6.3	26.0	1797.8	825.0	8.6	6.6	999.9	99.9	99.9	99.9	297.7	317.9	7.5	87.2	999.9	999
7.3	28.9	2052.1	800.0	5.8	5.8	999.9	99.9	99.9	99.9	298.4	318.2	7.3	93.9	999.9	999
8.4	31.6	2312.6	775.0	5.0	4.9	999.9	99.9	99.9	99.9	299.2	318.5	7.1	99.6	999.9	999
9.4	34.7	2579.9	750.0	3.4	0.3	999.9	99.9	99.9	99.9	300.3	315.0	5.3	80.6	1.3	356
10.4	37.6	2854.9	725.0	2.1	-1.1	224.1	6.6	4.6	4.7	301.8	315.6	4.9	79.3	1.6	8
11.5	40.6	3137.9	700.0	0.4	-0.0	216.6	3.9	2.4	3.0	302.9	318.3	5.5	97.3	1.9	14
12.5	43.6	3429.2	675.0	-1.2	-1.3	236.1	1.7	1.4	0.9	304.3	319.0	5.2	99.2	2.1	16
13.6	46.8	3729.9	650.0	-2.7	-5.3	278.7	1.0	0.9	-0.1	305.9	317.5	4.0	83.1	2.1	17
15.1	49.9	4040.1	625.0	-4.2	-12.0	269.0	2.8	2.8	0.0	307.7	315.0	2.4	54.1	2.1	21
16.3	53.0	4361.7	600.0	-5.4	-12.2	266.6	3.4	3.4	0.1	309.9	317.5	2.5	58.5	2.3	26
17.6	56.3	4694.4	575.0	-6.0	-13.3	280.6	4.2	4.1	-0.8	310.6	317.9	2.4	65.8	2.4	33
18.9	59.5	5038.6	550.0	-10.2	-14.0	277.2	5.2	5.2	-0.6	312.0	319.2	2.4	73.5	2.6	41
20.3	62.9	5395.6	525.0	-13.0	-14.4	285.0	5.0	4.8	-1.3	312.8	320.2	2.4	88.6	2.8	48
21.8	66.3	5766.8	500.0	-14.4	-19.4	322.3	5.5	3.4	-4.4	315.4	320.7	1.6	66.0	3.0	56
23.4	69.7	6155.2	475.0	-15.7	-27.7	344.9	7.1	1.8	-6.9	318.5	321.3	0.8	34.9	2.9	67
24.8	73.3	6560.9	450.0	-18.8	-33.3	340.2	8.6	2.9	-8.1	319.7	321.4	0.5	26.3	2.9	82
26.5	77.0	6984.3	425.0	-21.7	-51.1	332.4	8.3	3.9	-7.4	321.2	321.5	0.1	5.0	3.2	97
28.1	80.6	7427.7	400.0	-25.2	-55.6	325.4	8.3	4.7	-6.8	322.3	322.5	0.0	4.0	3.8	106
29.9	84.5	7892.3	375.0	-29.6	-54.3	317.8	9.7	6.5	-7.2	322.4	322.6	0.1	7.1	4.6	113
31.9	88.5	8380.5	350.0	-33.6	-57.6	314.8	12.8	9.1	-9.0	323.4	323.6	0.0	6.9	5.8	118
33.9	92.5	8395.9	325.0	-37.9	-59.2	300.4	14.2	12.2	-7.2	324.5	324.6	0.0	8.5	7.4	121
36.0	96.8	9442.2	300.0	-42.5	99.9	292.7	15.1	13.9	-5.8	325.5	999.9	99.9	999.9	9.3	119
38.2	101.2	10023.6	275.0	-47.5	99.9	298.9	15.8	13.8	-7.6	326.5	999.9	99.9	999.9	11.3	118
40.6	105.8	10647.4	250.0	-51.9	99.9	296.9	14.5	13.0	-6.6	328.9	999.9	99.9	999.9	13.5	119
43.1	110.8	11320.8	225.0	-57.8	99.9	292.5	17.8	16.4	-6.8	329.9	999.9	99.9	999.9	15.8	118
45.9	116.0	12057.7	200.0	-60.8	99.9	293.8	17.8	16.3	-7.2	336.4	999.9	99.9	999.9	19.0	117
48.9	121.5	12883.1	175.0	-64.4	99.9	295.5	20.0	18.1	-8.6	343.6	999.9	99.9	999.9	22.2	116
52.5	127.5	13832.9	150.0	-62.7	99.9	296.5	21.9	19.6	-9.8	362.0	999.9	99.9	999.9	26.8	117
56.4	134.0	14952.2	125.0	-63.6	99.9	298.0	19.8	17.4	-9.3	379.9	999.9	99.9	999.9	31.8	117
61.2	141.3	16320.0	100.0	-64.1	99.9	302.7	15.3	12.8	-8.3	403.8	999.9	99.9	999.9	36.8	117
67.1	149.3	18073.9	75.0	-64.2	99.9	309.2	9.1	7.1	-5.8	436.5	999.9	99.9	999.9	41.5	118
75.2	158.3	20581.3	50.0	-61.1	99.9	183.0	4.0	0.2	4.0	499.7	999.9	99.9	999.9	43.1	118
87.8	168.0	24954.2	25.0	-53.7	99.9	999.9	99.9	99.9	99.9	630.3	999.9	99.9	999.9	41.7	122

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

2 MAY 1982
500 GMT

158 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	193.2	999.3	17.8	16.8	360.0	0.0	0.0	0.0	291.0	322.2	12.2	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	999
0.8	9.8	404.7	975.0	17.7	16.3	999.9	99.9	99.9	99.9	293.0	324.3	12.1	91.9	999.9	999
1.7	12.3	627.0	950.0	16.2	15.2	999.9	99.9	99.9	99.9	293.7	323.6	11.5	93.3	999.9	999
2.6	14.9	853.9	925.0	14.9	13.2	999.9	99.9	99.9	99.9	294.6	321.8	10.4	89.6	999.9	999
3.4	17.6	1086.2	900.0	13.8	11.5	999.9	99.9	99.9	99.9	295.8	321.0	9.5	85.5	999.9	999
4.3	20.2	1323.7	875.0	12.6	8.7	999.9	99.9	99.9	99.9	296.9	318.7	8.1	77.3	999.9	999
5.2	22.9	1566.7	850.0	10.9	8.1	999.9	99.9	99.9	99.9	297.6	319.2	8.0	82.6	999.9	999
6.1	25.6	1815.6	825.0	9.3	8.5	999.9	99.9	99.9	99.9	298.4	321.4	8.5	95.0	999.9	999
7.1	28.3	2070.7	800.0	7.5	6.8	999.9	99.9	99.9	99.9	299.2	320.1	7.7	93.9	999.9	999
8.0	31.1	2332.4	775.0	6.3	4.5	999.9	99.9	99.9	99.9	300.6	319.5	6.9	88.5	999.9	999
9.1	33.9	2601.0	750.0	4.4	1.5	999.9	99.9	99.9	99.9	301.4	317.3	5.7	81.4	999.9	999
10.1	36.7	2876.9	725.0	3.2	-1.9	999.9	99.9	99.9	99.9	302.9	316.0	4.6	69.2	999.9	999
11.2	39.6	3161.1	700.0	1.4	0.7	999.9	99.9	99.9	99.9	304.0	320.3	5.8	94.9	999.9	999
12.5	42.4	3453.2	675.0	-1.0	-1.6	227.0	5.9	4.3	4.0	304.5	319.0	5.1	95.8	3.2	31
13.6	45.4	3754.0	650.0	-2.1	-4.7	241.2	6.0	5.3	2.9	306.6	318.6	4.2	82.4	3.6	34
14.8	48.4	4065.7	625.0	-3.0	-6.8	250.0	5.5	5.2	1.9	309.1	320.0	3.7	74.6	3.9	37
16.1	51.5	4388.4	600.0	-5.0	-8.1	254.6	5.2	5.0	1.4	310.4	320.8	3.5	78.7	4.3	40
17.2	54.6	4721.9	575.0	-7.1	-12.7	272.3	5.1	5.1	-0.2	311.6	319.3	2.5	64.4	4.6	43
18.5	57.8	5067.5	550.0	-8.9	-14.5	320.1	3.9	2.5	-3.0	313.5	320.5	2.3	63.7	4.7	47
19.8	61.1	5426.7	525.0	-10.9	-18.8	22.1	4.1	-1.5	-3.8	315.3	320.6	1.6	52.1	4.6	49
21.1	64.3	5801.1	500.0	-12.5	-30.1	14.1	5.6	-1.4	-5.4	317.8	320.1	0.7	24.2	4.2	51
22.5	67.7	6191.0	475.0	-15.1	-59.5	354.6	6.8	0.6	-6.8	319.3	319.4	0.0	1.0	3.9	57
24.0	71.1	6597.4	450.0	-18.0	-61.3	342.5	7.8	2.3	-7.4	320.7	320.7	0.0	1.0	3.7	66
25.4	74.7	7021.6	425.0	-21.4	-63.6	312.9	10.5	7.7	-7.2	321.5	321.6	0.0	1.0	3.8	77
27.0	78.4	7465.8	400.0	-25.1	-66.0	347.0	9.7	2.2	-9.5	322.4	322.4	0.0	1.0	4.4	88
28.8	82.3	7930.9	375.0	-29.2	-68.6	316.9	11.1	7.6	-8.1	323.0	323.0	0.0	1.0	4.8	99
30.6	86.2	8420.7	350.0	-33.2	-71.3	311.1	12.2	9.2	-8.1	324.0	324.0	0.0	1.0	5.9	106
32.5	90.2	8936.3	325.0	-37.9	-74.4	303.0	13.2	11.1	-7.2	324.5	324.5	0.0	1.0	7.2	110
34.4	94.5	9482.7	300.0	-42.6	99.9	304.1	14.7	12.1	-8.2	325.3	999.9	99.9	999.9	8.8	112
36.4	98.8	10065.1	275.0	-46.6	99.9	300.0	14.8	12.8	-7.4	327.8	999.9	99.9	999.9	10.6	114
38.6	103.4	10690.2	250.0	-51.4	99.9	291.8	17.9	16.6	-6.7	329.6	999.9	99.9	999.9	12.7	114
41.1	108.2	11368.6	225.0	-54.9	99.9	290.2	19.9	18.7	-6.9	334.4	999.9	99.9	999.9	15.6	113
43.7	113.2	12114.8	200.0	-58.9	99.9	294.5	20.9	19.0	-8.7	339.5	999.9	99.9	999.9	19.7	113
46.2	118.7	12941.5	175.0	-63.7	99.9	295.1	22.9	20.7	-9.7	344.9	999.9	99.9	999.9	22.0	113
49.1	124.5	13889.6	150.0	-61.9	99.9	298.8	23.0	20.2	-11.1	363.4	999.9	99.9	999.9	25.1	114
52.6	130.7	15016.2	125.0	-63.3	99.9	301.6	21.1	18.0	-11.1	380.4	999.9	99.9	999.9	30.7	115
56.4	137.2	16381.6	100.0	-63.6	99.9	300.2	14.9	12.9	-7.5	404.9	999.9	99.9	999.9	34.8	116
61.3	144.3	18143.7	75.0	-64.5	99.9	302.0	9.2	7.8	-4.9	437.8	999.9	99.9	999.9	39.5	116
67.9	152.0	20639.4	50.0	-61.8	99.9	290.8	5.5	5.2	-2.0	498.0	999.9	99.9	999.9	40.5	116
79.6	160.3	25034.3	25.0	-55.2	99.9	186.4	0.6	0.1	0.6	626.2	999.9	99.9	999.*	39.7	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 6
ABILENE TEXAS

1 MAY 1982
1130 GMT

153 17 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM KG	RH PCT	RANGE KM	AZ DG
0 0	10 7	531 9	959 7	13 5	12 7	360 0	3 6	0 0	-3 8	290 1	315 1	9 7	95 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	11.5	817 3	950 0	12 9	99 9	29 8	6 1	-3 0	-5 3	290 3	999 9	99 9	999 9	0 1	215
1 2	13 9	840 9	925 0	11 9	10 9	47 2	6 0	-4 4	-4 1	291 5	314 7	8 9	93 6	0 4	215
2 1	16 3	1070 9	900 0	11 5	10 5	78 7	6 3	-6 2	-1 2	293 3	316 7	8 9	93 4	0 7	228
3 1	18.7	1306 4	875 0	10 4	9 4	104 0	5 6	-5 4	1 3	294 6	317 2	8 5	93 [illegible]	1 0	243
4 2	21 2	1548 3	850 0	10 1	9 1	124 1	4 3	-3 5	2 4	296 8	319 7	8 6	93 0	1 2	254
5 2	23 7	1796 6	825 0	8 7	7 6	132 1	5 0	-3 7	3 3	297 8	3[illegible] 3	8 0	92 7	1 4	264
6 1	26 2	2051 3	800 0	7 3	6 2	151 7	4 0	-1 9	3 5	298 9	3[illegible] 3	7 5	93 0	1 5	271
7 1	28 8	2312 6	775 0	5 9	4 9	170 0	4 0	-0 7	3 9	300 2	319 5	7 0	93 1	1 6	279
8 0	31 4	2581 3	750 0	4 8	3 8	165 4	4 4	-1 1	4 3	301 8	320 4	6 7	93 0	1 7	286
8 9	34 0	2857 3	725 0	3 1	2 0	178 8	4 8	-0 1	4 8	302 8	320 0	6 1	93 0	1 8	293
10 0	36 4	3141 2	700 0	1 3	0 2	185 4	5 7	0 5	5 7	303 9	319 7	5 6	92 6	2 0	303
11 2	39 1	3433 7	675 0	0 1	-1 0	186 7	6 7	0 8	6 7	305 8	320 9	5 3	92 3	2 2	313
12 4	41 9	3736 4	650 0	-1 1	-2 2	193 9	7 6	1 8	7 4	307 8	322 3	5 0	92 0	2 5	322
13.4	44 7	4049 1	625 0	-2.7	-3 9	198 2	7 7	2 4	7 3	309 4	322 8	4 6	91 5	2 8	330
14.5	47 4	4372 1	600 0	-4 7	-5.9	186 3	7 3	0 8	7 2	310 7	322 9	4 1	91 1	3 2	337
15 8	50 3	4708 0	575 0	-7 2	-8 6	174 3	6 3	-0 6	6 3	311 6	322 0	3 5	89 7	3 7	340
17 0	53 3	5051 6	550 0	-9 3	-10 7	180 6	5 9	0 1	5 9	313 1	322 5	3 1	89 5	4 1	341
18 1	56 3	5410 5	525 0	-11 1	-12 8	192 2	5 1	1 1	5 0	315 1	323 5	2 7	87 6	4 4	343
19 3	59 4	5783 4	500 0	-13 9	-17 3	204 2	3 1	1 3	2 9	316 1	322 3	2 0	75 6	4 7	346
20 7	62 6	6171 5	475 0	-16 0	-22 7	120 8	1 1	-0 9	0 5	318 2	322 4	1 3	56 4	4 8	347
22 1	65 8	6576 9	450 0	-18 5	-26 3	39 5	3 5	-2 2	-2 7	320 0	323 2	1 0	50 0	4 7	345
23 6	69 1	7001 2	425 0	-21 3	-29 0	30 1	5 6	-2 8	-4 8	321 7	324 4	0 8	49 6	4 4	340
25 1	72.5	7446 2	400 0	-24 3	-32 1	14 8	6 3	-1 6	-6 0	323 4	325 7	0 6	48 3	4 1	336
26 5	76 0	7913 2	375 0	-27 7	-35 1	9 4	6 6	-1 1	-6 5	324 9	326 7	0 5	49 0	3 6	331
28 5	79 7	8404 5	350.0	-32 3	-38 6	1 0	7 4	-0 1	-7 4	325 [illegible]	326 5	0 4	53 1	3 0	322
30 6	83.5	8922 8	325 0	-36 6	-42 1	352 2	7 6	1 0	-7 5	326 3	327 3	0 3	56 2	2 3	308
32 7	87 3	9472 8	300 0	-40 5	99 9	340 4	8 8	2 9	-8 2	328 3	999 9	99 9	999 9	1 6	284
35 5	91 5	10059 0	275 0	-45 4	99 9	337 4	9 3	3 6	-8 6	329 5	999 9	99 9	999 9	1 5	226
38 3	96 0	10687 2	250 0	-50 4	99 9	337 2	8 3	3 2	-7 7	331 1	999 9	99 9	999 9	2 3	189
40 6	100.6	11365 1	225 0	-56 8	99 9	338 3	10 4	3 8	-9 7	331 5	999 9	99 9	999 9	3 5	179
43 5	105 6	12101 0	200 0	-61 3	99 9	329 2	11 7	6 0	-10 1	335 7	999 9	99 9	999 9	5 4	172
47 1	111 0	12926 1	175.0	-63 1	99 9	999 9	99 9	99 9	99 9	345 8	999 9	99 9	999 9	7 9	159
51 8	116 7	13881 2	150 0	-60 9	99 9	999 9	99 9	99 9	99 9	365 2	999 9	99 9	999 9	999 9	999
57 1	123 3	15013 9	125.0	-61 6	99 9	286 6	14 4	13 8	-4 1	383 4	999 9	99 9	999 9	16 3	133
63 9	130 7	16388 0	100 0	-63 8	99 9	285 1	12 9	12 5	-3 4	404 5	999 9	99 9	999 9	2[illegible] 2	126
71 7	139 0	18150 7	75 0	-63 5	99 9	296 4	9 8	8 7	-4 7	439 9	999 9	99 9	999 9	26 4	122
82 3	148 7	20866 5	50 0	-58 7	99 9	297 3	4 2	3 7	-1 9	505 3	999 9	99 9	999 9	29 9	125
98 5	158 7	25085 6	25 0	-53.3	99 9	287 5	3 7	3 5	-1 1	631 7	999 9	99 9	999 9	29 7	127

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 6
ABILENE, TEXAS

1 MAY 1982
1403 GMT

153 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	531.9	961.1	14.2	13.4	360.0	3.6	0.0	-3.6	290.6	316.8	10.1	95.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	11.5	629.6	950.0	12.7	99.9	42.7	4.8	-3.3	-3.5	290.1	999.9	99.9	999.9	0.2	224
1.5	13.9	853.1	925.0	12.0	10.9	87.0	6.2	-5.7	-2.4	291.6	314.9	8.9	93.2	0.5	231
2.6	16.2	1082.6	900.0	10.6	9.4	88.4	7.4	-7.4	-0.5	292.4	314.2	8.3	92.1	0.9	244
3.8	18.6	1317.3	875.0	9.4	8.0	96.8	8.6	-8.5	1.0	293.5	314.1	7.8	91.2	1.5	254
5.0	21.0	1556.1	850.0	9.2	7.6	118.1	9.5	-8.3	4.5	295.8	316.6	7.8	89.9	2.1	264
6.1	23.5	1805.4	825.0	7.6	6.1	126.5	9.8	-7.9	5.8	296.8	316.2	7.2	89.1	2.6	273
7.2	25.9	2059.1	800.0	6.7	5.0	133.8	7.4	-5.3	5.1	298.3	317.1	6.9	88.5	3.1	279
8.3	28.5	2319.6	775.0	5.1	3.2	151.4	4.5	-2.2	4.0	299.3	316.5	6.3	88.0	3.4	284
9.4	31.0	2586.9	750.0	3.4	1.5	187.1	2.9	0.4	2.9	300.3	316.2	5.7	87.2	3.5	287
10.4	33.6	2862.2	725.0	2.2	0.3	208.3	2.3	1.1	2.0	301.9	317.1	5.4	86.8	3.5	289
11.6	36.1	3145.2	700.0	0.6	-1.5	223.3	3.7	2.5	2.7	303.1	317.1	4.9	85.8	3.4	292
13.0	38.8	3437.1	675.0	-0.3	-2.4	217.1	3.0	1.8	2.4	305.3	319.0	4.8	85.4	3.3	298
14.6	41.4	3739.3	650.0	-1.3	-2.9	214.6	1.9	1.1	1.6	307.5	321.3	4.6	88.9	3.3	301
16.4	44.2	4051.0	625.0	-3.6	-5.3	202.9	1.5	0.6	1.4	308.4	320.5	4.1	88.1	3.3	304
18.3	47.0	4372.6	600.0	-5.7	-7.6	220.4	1.6	1.0	1.2	309.5	320.1	3.6	86.5	3.3	307
20.0	49.8	4705.7	575.0	-7.6	-9.6	199.4	2.5	0.8	2.4	311.2	320.8	3.2	85.1	3.3	310
21.5	52.3	5051.1	550.0	-9.5	-11.9	205.3	4.1	1.7	3.7	312.8	321.3	2.8	83.2	3.4	315
23.1	55.6	5409.5	525.0	-11.4	-14.0	188.6	3.5	0.5	3.5	314.7	322.4	2.5	81.0	3.6	321
25.1	58.6	5782.5	500.0	-13.6	-16.7	186.3	3.4	0.4	3.4	316.5	323.0	2.1	77.2	3.9	324
27.3	61.7	6170.6	475.0	-16.0	-20.6	285.6	3.3	3.2	-0.9	318.2	323.2	1.6	67.7	4.0	329
29.1	64.9	6578.6	450.0	-18.3	-24.2	18.2	5.9	-1.9	-5.6	320.2	324.2	1.2	59.5	3.7	327
31.4	68.1	7000.2	425.0	-21.8	-28.7	26.0	7.7	-3.4	-6.9	321.1	323.9	0.8	53.1	3.3	312
33.4	71.4	7443.3	400.0	-25.3	-32.4	14.0	8.7	-2.1	-8.4	322.1	324.2	0.6	51.5	3.1	295
35.6	75.0	7908.8	375.0	-28.6	-36.6	353.6	9.9	1.1	-9.8	323.7	325.2	0.4	45.8	2.9	272
37.9	78.6	8395.8	350.0	-32.2	-40.2	344.2	8.3	2.3	-7.9	325.4	326.6	0.3	44.2	2.9	245
40.3	82.3	8914.4	325.0	-36.3	-44.1	342.0	8.2	2.5	-7.8	326.4	327.2	0.2	44.8	3.2	225
42.7	86.3	9468.2	300.0	-40.8	99.9	325.7	8.9	5.0	-7.4	327.9	999.9	99.9	999.9	3.8	207
45.4	90.4	10054.0	275.0	-45.7	99.9	316.5	8.6	5.9	-6.3	329.0	999.9	99.9	999.9	4.6	191
48.2	94.7	10681.7	250.0	-51.0	99.9	309.6	8.3	6.4	-5.3	330.3	999.9	99.9	999.9	5.4	177
51.0	99.4	11356.8	225.0	-56.7	99.9	303.1	10.3	8.7	-5.6	331.6	999.9	99.9	999.9	6.3	168
54.1	104.3	12098.9	200.0	-60.3	99.9	304.5	12.6	10.4	-7.1	337.4	999.9	99.9	999.9	8.3	156
57.8	109.8	12925.3	175.0	-63.5	99.9	298.4	13.6	12.0	-6.5	345.2	999.9	99.9	999.9	10.6	148
62.0	115.5	13881.9	150.0	-60.0	99.9	297.2	17.9	16.0	-8.2	363.7	999.9	99.9	999.9	14.3	140
67.1	122.0	15012.8	125.0	-61.8	99.9	292.4	16.3	15.0	-6.2	383.1	999.9	99.9	999.9	19.7	132
73.4	129.3	16387.8	100.0	-63.9	99.9	288.4	10.6	10.1	-3.4	404.2	999.9	99.9	999.9	23.7	128
80.7	137.7	18159.5	75.0	-62.7	99.9	300.1	8.4	7.2	-4.2	441.6	999.9	99.9	999.9	28.6	127
90.5	147.3	20693.8	50.0	-57.4	99.9	338.6	2.8	1.0	-2.7	508.3	999.9	99.9	999.9	30.8	127
106.3	157.5	25113.0	25.0	-50.9	99.9	308.1	3.4	2.7	-2.1	638.4	999.9	99.9	999.9	29.9	130

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

STATION NO 6
ABILENE, TEXAS

1 MAY 1982
1700 GMT

149 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	531.9	961.4	15.1	14.6	360.0	2.9	0.0	-2.9	291.5	319.9	11.0	97.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99
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	99
0.4	11.5	632.7	950.0	14.1*	99.9	999.9	99.9	99.9	99.9	291.5	999.9	99.9	999.9	999.9	999
1.1	14.0	858.3	925.0	12.3*	99.9	999.9	99.9	99.9	99.9	291.9	999.9	99.9	999.9	999.9	999
2.0	16.4	1085.6	900.0	11.8	11.1	999.9	99.9	99.9	99.9	293.6	318.0	9.3	95.4	0.6	249
3.0	18.9	1321.6	875.0	10.3	9.6	118.9	5.9	-5.1	2.8	294.5	317.4	8.6	95.6	0.9	263
3.9	21.4	1563.1	850.0	9.3	8.7	141.5	6.2	-3.9	4.8	295.9	318.2	8.3	95.8	1.1	275
5.2	24.0	1810.6	825.0	8.2	7.5	164.9	6.6	-1.7	6.3	297.3	318.7	8.0	95.6	1.4	293
6.3	26.6	2064.9	800.0	7.0	6.0	170.7	4.7	-0.8	4.7	298.6	318.7	7.4	93.9	1.7	304
7.3	29.2	2326.2	775.0	6.1	5.1	175.5	2.6	-0.2	2.6	300.4	320.1	7.2	93.7	1.8	309
8.[illegible]	31.8	2594.7	750.0	4.6	3.4	180.3	1.7	0.0	.7	301.6	319.7	6.5	91.4	1.9	311
9.4	34.4	2870.7	725.0	2.7	1.4	217.7	2.1	1.3	1.6	302.5	318.9	5.9	90.9	2.0	314
10.5	36.9	3154.8	700.0	1.3	-0.1	235.4	2.6	2.3	1.6	303.9	319.4	5.5	90.4	2.0	319
11.5	39.6	3447.3	675.0	-0.3	-1.8	235.2	3.0	2.4	1.7	305.[illegible]	319.7	5.1	91.[illegible]	1.9	324
12.6	42.3	3749.0	650.0	-1.9	-3.6	227.6	2.6	2.1	1.9	306.8	319.9	4.5	88.5	1.9	331
14.0	45.1	4060.3	625.0	-3.5	-5.6	225.0	4.0	2.8	2.8	308.4	320.3	4.0	85.3	2.0	337
15.2	47.9	4382.5	600.0	-5.1	-7.5	228.8	4.7	3.0	3.1	310.3	321.1	3.6	82.7	2.2	343
16.5	50.6	4716.4	575.0	-6.8	-9.1	218.8	4.8	3.0	3.8	312.0	320.0	2.6	66.0	2.4	353
17.7	53.7	5061.6	550.0	-9.8	-11.5	222.1	5.4	3.6	4.0	312.5	321.3	2.9	87.8	2.7	359
18.9	56.6	5420.2	525.0	-10.6	-17.7	251.6	3.9	3.7	1.2	315.7	321.4	.8	56.1	2.9	5
20.2	59.6	5794.4	500.0	-12.3	-20.0	343.4	4.4	1.3	-4.2	318.0	323.1	1.5	52.4	2.9	8
21.7	62.8	6185.0	475.0	-14.6	-23.6	4.0	7.2	-0.5	-7.2	319.9	323.8	1.2	45.3	2.3	9
23.2	66.0	6592.4	450.0	-17.2	-27.1	2.[illegible]	6.9	-0.3	-6.9	321.7	324.8	0.9	41.5	1.6	11
24.8	69.3	7018.4	425.0	-20.5	-30.0	349.2	4.8	0.9	-4.7	322.8	325.3	0.7	41.9	1.1	17
26.5	72.6	7484.4	400.0	-23.9	-33.7	340.6	4.8	1.8	-4.6	324.0	325.9	0.5	39.6	0.8	38
28.1	76.1	7931.7	375.0	-26.2	-38.0	324.3	5.7	3.3	-4.6	324.3	325.7	0.4	36.0	0.7	73
29.7	79.7	8423.8	350.0	-31.7	-44.7	315.2	7.4	5.2	-5.2	326.0	326.8	0.2	26.0	1.2	105
31.4	83.5	8943.3	325.0	-35.9	-50.7	314.7	5.3	3.8	-3.7	327.2	327.6	0.1	19.9	1.7	116
33.2	87.4	9494.5	300.0	-40.1	99.9	302.4	7.4	6.2	-4.0	328.8	999.9	99.9	999.9	2.4	119
35.1	91.5	10081.8	275.0	-45.3	99.9	285.0	8.3	8.0	-2.1	329.6	999.9	99.9	999.9	3.3	118
37.3	95.6	10700.8	250.0	-50.9	99.9	273.1	10.4	10.4	-0.6	330.4	999.9	99.9	999.9	4.4	113
39.5	100.3	11386.7	225.0	-56.7	99.9	281.8	12.5	12.3	-2.6	331.6	999.9	99.9	999.9	6.0	107
42.0	105.2	12126.0	200.0	-61.0	99.9	293.7	14.8	13.5	-5.9	336.2	999.9	99.9	999.9	7.8	108
44.8	110.3	12951.5	175.0	-60.9	99.9	288.7	17.0	16.1	-5.5	349.4	999.9	99.9	999.9	10.5	109
47.9	116.0	13909.1	150.0	-61.5	99.9	295.7	17.7	16.0	-7.7	364.2	999.9	99.9	999.9	13.6	110
51.2	122.2	15039.1	125.0	-60.4	99.9	294.9	15.6	14.1	-6.8	385.6	999.9	99.9	999.9	17.5	111
55.7	129.9	16426.7	100.0	-63.9	99.9	288.1	10.9	10.4	-3.4	404.3	999.9	99.9	999.9	20.6	111
61.2	136.3	18199.1	75.0	-60.4	99.9	299.5	7.3	8.4	-3.6	446.3	999.9	99.9	999.9	24.0	112
66.8	144.7	20724.8	50.0	-56.0	99.9	254.2	2.6	2.5	.0.7	507.0	999.9	99.9	999.9	25.6	113
81.8	154.0	25150.2	2[illegible].0	-50.1	99.9	55.0	2.9	-2.4	-1.7	640.7	999.9	99.9	999.9	25.1	114

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

STATION NO. 6
ABILENE, TEXAS

1 MAY 1982
2020 GMT

157 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	531.9	960.4	18.0	14.1	360.0	1.0	0.0	-1.0	294.5	322.4	10.6	78.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	11.7	624.7	950.0	15.8*	99.9	999.9	99.9	99.9	99.9	293.2	999.9	99.9	999.9	999.9	999
1.1	14.2	850.7	925.0	13.5	12.3	999.9	99.9	99.9	99.9	293.1	318.7	9.8	92.7	999.9	999
2.0	16.7	1081.4	900.0	11.9	10.9	999.9	99.9	99.9	99.9	293.8	317.8	9.1	93.5	0.3	269
2.8	19.2	1317.2	875.0	10.7	9.7	133.8	5.4	-3.9	3.8	294.9	317.9	8.7	93.9	0.5	281
3.8	21.7	1559.1	850.0	9.4	8.4	155.8	6.8	-2.8	6.2	296.1	318.0	8.2	93.1	0.9	300
4.8	24.2	1806.8	825.0	8.3	7.1	174.3	7.0	-0.7	7.0	297.3	318.2	7.7	92.7	1.2	315
5.6	26.8	2061.4	800.0	7.4	6.3	182.9	5.7	0.3	5.7	299.1	319.6	7.5	92.5	1.4	324
6.7	29.4	2322.7	775.0	5.6	4.4	195.7	4.5	1.2	4.3	299.8	318.6	6.8	92.0	1.7	331
7.7	32.0	2590.9	750.0	4.3	2.9	217.2	4.7	2.8	3.7	301.3	318.8	6.3	90.5	1.8	339
8.8	34.5	2866.7	725.0	2.5	1.1	231.0	4.1	3.2	2.6	302.2	318.3	5.8	90.7	2.0	346
10.0	37.2	3150.5	700.0	1.5	-0.4	233.3	3.2	2.6	1.9	304.1	319.3	5.3	87.5	2.1	353
11.2	39.9	3442.7	675.0	0.3	-2.1	213.2	2.8	1.6	2.4	306.0	320.0	4.9	84.4	2.2	357
12.3	42.6	3744.8	650.0	-2.1	-4.5	203.6	3.[illegible]	1.4	3.1	306.6	318.8	4.2	83.5	2.4	359
13.6	45.4	4055.6	625.0	-4.2	-6.8	218.5	4.2	2.6	3.3	307.6	318.4	3.7	81.9	2.6	2
15.1	48.2	4377.6	600.0	-4.8	-9.4	225.7	5.2	3.7	3.6	310.6	320.1	3.1	70.0	3.0	8
16.3	51.1	4711.1	575.0	-7.4	-12.6	227.7	4.5	3.3	3.0	311.4	319.1	2.5	66.0	3.3	12
17.6	54.1	5056.5	550.0	-8.8	-15.7	260.0	3.2	3.1	0.6	313.6	320.0	2.0	57.0	3.5	15
18.9	57.1	5416.0	525.0	-10.2	-20.2	355.6	3.8	0.3	-3.8	316.1	320.8	1.5	43.5	3.5	18
20.4	60.1	5790.6	500.0	-12.4	-23.9	5.3	5.4	-0.5	-5.4	317.9	321.5	1.1	37.5	3.0	19
21.8	63.3	6180.8	475.0	-14.8	-26.9	335.6	4.0	1.6	-3.6	319.6	322.6	0.9	34.7	2.6	22
23.4	66.5	6587.7	450.0	-17.8	-29.8	313.9	3.4	2.5	-2.4	320.9	323.3	0.7	34.1	2.5	29
25.1	69.8	7012.6	425.0	-21.0	-33.0	301.8	4.4	3.8	-2.3	322.1	324.0	0.6	32.8	2.4	38
26.8	73.1	7457.8	400.0	-24.1	-36.5	289.2	6.1	5.8	-2.0	323.7	325.2	0.4	30.5	2.6	49
28.5	76.7	7925.0	375.0	-27.9	-47.1	267.1	8.2	7.9	-2.4	324.7	325.2	0.1	14.0	3.0	60
30.4	80.3	8416.8	350.0	-31.7	-49.7	283.2	9.8	9.5	-2.2	326.0	326.4	0.1	14.9	4.0	71
32.5	84.2	8935.8	325.0	-36.7	-53.3	283.3	9.7	9.4	-2.2	326.1	326.4	0.1	16.0	5.0	79
34.6	88.1	9484.8	300.0	-41.7	99.9	284.1	9.5	9.3	-2.3	326.7	999.9	99.9	999.9	6.1	83
36.8	92.3	10068.2	275.0	-46.7	99.9	290.8	10.2	9.5	-3.6	327.6	999.9	99.9	999.9	7.3	88
39.1	96.6	10693.5	250.0	-51.6	99.9	294.2	11.2	10.2	-4.6	329.4	999.9	99.9	999.9	8.6	92
41.5	101.2	11368.8	225.0	-56.5	99.9	289.3	13.8	13.1	-4.6	332.0	999.9	99.9	999.9	10.3	95
44.1	106.2	12109.7	200.0	-59.9	99.9	289.6	16.5	17.4	-6.2	338.0	999.9	99.9	999.9	12.8	97
46.8	111.5	12940.6	175.0	-60.6	99.9	295.8	19.5	17.6	-8.5	350.0	999.9	99.9	999.9	15.8	101
50.1	117.5	13904.0	150.0	-60.8	99.9	291.4	20.2	18.8	-7.4	365.4	999.9	99.9	999.9	19.7	104
53.8	124.0	15033.0	125.0	-62.9	99.9	287.8	19.5	18.6	-6.0	381.2	999.9	99.9	999.9	23.8	104
58.1	131.3	16406.3	100.0	-64.6	99.9	296.4	13.5	12.1	-6.0	403.0	999.9	99.9	999.9	28.0	105
63.7	140.0	18165.3	75.0	-62.9	99.9	292.3	8.8	8.1	-3.3	441.1	999.9	99.9	999.9	31.8	107
71.6	150.0	20873.9	50.0	58.6	99.9	8.3	2.8	-0.[illegible]	-2.7	505.5	999.9	99.9	999.9	33.5	107
85.3	161.3	25116.1	25.0	-51.6	99.9	311.0	2.2	1.7	-1.5	636.7	999.9	99.9	999.9	33.8	110

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 6
ABILENE, TEXAS

1 MAY 1982
2303 GMT

153 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 4	531.9	958 7	18 6	14.9	110 0	3 6	-3 4	1 2	295 3	324 7	11 2	75 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 2	11 2	610 0	950.0	17 4	99 9	999 9	99 9	99 9	99 9	294 9	999 9	99 9	999 9	999 9	999
1 1	13 5	837 1	925 0	15 0	13 3	999 9	99 9	99 9	99 9	294 7	322 1	10 4	89 5	999 9	999
2 0	15 8	1069 0	900 0	13.7	12 6	999 9	99 9	99 9	99 9	295 6	322 7	10 3	93 2	0 5	254
3.0	18 2	1308 3	875.0	11 3	10 1	158 4	4 2	-1 5	3 9	295 5	319 2	8 9	92 7	0 6	269
3 9	20 5	1548 6	850 0	10.2	9 2	182 2	5 1	0 2	5 1	296 9	320 0	8 6	93 1	0 7	295
4.8	23 0	1796 9	825 0	9 1	7 9	207 2	4 1	1 9	3 7	298 3	320 2	8 1	91 7	0 8	314
5 8	25 5	2052 0	800 0	7 6	6 3	209 2	4 7	2 3	4 1	299 3	319 8	7 5	91 7	0 9	330
6 8	28 0	2313 3	775 0	6.1	4 8	204 0	5 1	2 1	4 6	300 4	319 6	7 0	91 4	1 0	346
7.8	30 5	2581 9	750.0	4 6	2 6	194 8	4 2	1 1	4 1	301 6	318 9	6 2	86 9	1 3	351
8 8	33 0	2857 8	725.0	3 4	1 1	204 6	3 8	1 6	3 5	303 2	319 3	5 7	84 9	1 5	355
9 9	35 6	3142 8	700 0	2 7	-0 7	215 9	3 8	2 2	3 0	305 5	320 4	5 2	78 4	1 7	0
11.0	38 3	3436 6	675 0	0.8	-2.7	221 6	4 4	2 9	3 3	306 5	319 9	4 7	77 6	1 9	5
12.1	40.9	3736 7	650 0	-1 5	-3 2	231 1	4 4	3 5	2 8	307 3	320 8	4 7	88 4	2 2	10
13 3	43 7	4051.5	625 0	-1.8	-7 2	233 0	4 1	3 3	2 5	310 4	321 0	3 6	66 5	2 4	16
14.5	46 5	4375 1	600 0	-4.5	-12 9	235 0	3 9	3 2	2 2	311 0	318 2	2 4	51 6	2 6	19
15 6	49 3	4709 9	575 0	-5 3	-14.5	287 2	2 0	1 9	-0 6	313 8	320 6	2 2	48 4	2 8	22
16 9	52 1	5058 4	550.0	-6 8	-18 5	17 0	3.6	-1 1	-3 5	316 0	321 2	1 6	38 5	2 7	23
18 4	55 1	5420 2	525.0	-8 9	-23.9	1 9	4 4	-0.1	-4 4	317 8	321 2	1 0	28 2	2 2	24
19.8	58 1	5796.4	500 0	-11 6	-24 9	334 1	4 3	1 9	-3 9	318 9	322 2	1 0	32 3	2 0	30
21.3	61 3	6187.4	475 0	-14 4	-29 7	318 3	4.9	3 2	-3 6	320 1	322 5	0 7	26 0	1 9	43
22.5	64 4	6595 0	450.0	-17 6	-30 0	313 0	5 1	3 7	-3 5	321 2	323 5	0 7	32 9	1 9	58
24.5	67 6	7020.1	425 0	-21 1	-32 5	284 7	6 2	6 0	-1 8	321 9	323 9	0 6	34 7	2 2	69
26.0	71 0	7464.4	400.0	-24 4	-50 4	287 6	8 7	8 3	-2 6	323 3	323 7	0 1	6 9	2 8	77
27.8	74 6	7931 6	375 0	-28 1	-52 9	288 2	11 1	10.5	-3 5	324 4	324 7	0 1	7 2	3 7	85
29.8	78 2	8422 7	350.0	-31 8	-54 3	289 9	12 0	11 3	-4 1	325 8	326 1	0 1	8 6	5 1	92
32.0	82 0	8941 1	325.0	-36.8	-55 8	288 1	10 9	10 3	-3 4	326 0	326 2	0 1	11 7	6 4	96
34 3	85 9	9490 4	300.0	-41 0	99 9	292 5	11 4	10 6	-4 4	327 6	999 9	99 9	999 9	8 0	98
36.7	90 0	10075 6	275.0	-46 0	99 9	295 9	11 3	10 2	-4 9	328 6	999 9	99 9	999 9	9 6	101
39 2	94 4	10702 8	250 0	-51 2	99 9	287 7	14 9	14 2	-4 5	330 0	999 9	99 9	999 9	11 4	103
42.0	99 0	11380.6	225.0	-55 6	99 9	281 3	19 9	19 5	-3 9	333 3	999 9	99 9	999 9	14 3	103
44 9	104 0	12127.2	200.0	-59 1	99.9	291 5	20 7	19 3	-7 6	339 2	999 9	99 9	999 9	18 1	104
47 9	109 3	12960 2	175 0	-61.0	99.9	289 7	20 6	19 3	-6 9	349 3	999 9	99 9	999 9	21 5	105
51.6	115 2	13917 5	150.0	-61 5	99.9	289 3	20 6	19 5	-6 8	364 2	999 9	99 9	999 9	26 3	106
55.8	121 7	15041.8	125 0	-62.9	99 9	290 9	20 2	18.8	-7 2	381 1	999 9	99 9	999 9	31 3	107
60.4	129 0	16411.6	100.0	-64 8	99.9	298 8	16.8	14 7	-8 1	402 6	999 9	99 9	999 9	36 3	107
66.5	137.3	18168 8	75.0	-62 8	99.9	299 3	10 6	9 3	-5 2	441 2	999 9	99 9	999 9	41 3	109
74.7	146 7	20682.5	50 0	-59 0	99.9	172 6	4 8	-0 8	4 7	504 4	999 9	99 9	999 9	43 3	110
87 6	156 7	25115.8	25.0	-52.9	99 9	999 9	99 9	99.9	99 9	633 0	999 9	99 9	999 9	42 1	113

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 6
ABILENE, TEXAS

2 MAY 1982
240 GMT

156 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	531.9	959.0	17.2	15.0	110.0	3.6	-3.4	1.2	293.9	323.3	11.3	87.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	11.4	612.4	950.0	17.2	99.9	74.3	3.8	-3.7	-1.0	294.6	999.9	99.9	999.9	0.1	231
1.1	13.8	838.8	925.0	16.4	99.9	86.0	4.8	-4.8	-0.3	296.1	999.9	99.9	999.9	0.2	248
2.0	16.2	1071.6	900.0	14.7	13.8	106.1	5.4	-5.2	1.5	296.7	326.0	11.1	94.1	0.5	263
2.8	18.6	1309.8	875.0	12.9	11.7	136.1	5.6	-3.9	4.0	297.2	323.7	10.0	92.7	0.8	276
3.7	21.0	1553.3	850.0	11.8	10.3	108.3	6.8	-1.4	6.7	298.5	323.6	9.3	90.3	1.0	292
4.7	23.4	1803.3	825.0	10.0	8.6	187.4	6.2	1.0	8.1	299.2	322.3	8.5	90.7	1.2	313
5.6	25.9	2059.1	800.0	8.6	7.9	187.7	7.8	1.1	7.8	300.3	323.2	8.4	95.7	1.5	327
6.6	28.4	2321.6	775.0	6.8	6.1	196.1	6.0	1.7	5.7	301.1	322.1	7.6	95.1	1.8	336
7.5	31.0	2590.7	750.0	5.0	4.3	209.6	5.7	2.8	5.0	302.0	321.3	7.0	95.0	2.1	343
8.6	33.6	2867.2	725.0	3.2	2.4	214.2	5.2	2.9	4.3	303.0	320.6	6.3	94.6	2.3	350
9.7	36.2	3151.5	700.0	1.8	-2.2	209.2	4.5	2.2	4.0	304.5	319.9	4.7	74.5	2.5	355
10.8	38.9	3444.2	675.0	-0.1	-2.1	219.9	4.7	3.0	3.6	305.6	319.5	4.9	85.9	2.8	358
11.8	41.6	3746.5	650.0	-1.3	-2.8	253.2	4.7	4.5	1.4	307.5	321.4	4.8	89.5	2.9	3
12.9	44.3	4058.4	625.0	-3.1	-5.9	263.6	3.9	3.9	0.4	308.9	320.6	4.0	81.1	3.0	9
14.1	47.1	4381.2	600.0	-4.5	-10.4	236.7	2.4	2.0	1.3	311.0	319.7	2.9	63.1	3.1	12
15.3	50.0	4715.2	575.0	-6.0	-12.2	197.0	2.3	0.7	2.2	313.0	321.0	2.6	61.2	3.2	13
16.5	53.0	5062.8	550.0	-7.0	-17.8	118.0	1.2	-1.1	0.6	315.7	321.2	1.7	41.9	3.4	13
18.0	56.0	5424.5	525.0	-9.2	-22.8	345.1	2.6	0.7	-2.5	317.3	321.1	1.2	32.1	3.2	13
19.5	59.0	5800.0	500.0	-11.7	-30.3	321.9	4.5	2.8	-3.5	318.8	320.9	0.6	19.5	3.0	18
21.1	62.1	6190.8	475.0	-14.9	-27.3	315.2	5.8	4.1	-4.1	319.6	322.4	0.9	33.7	2.8	27
22.7	65.3	6597.7	450.0	-18.1	-37.1	304.3	5.8	4.8	-3.2	320.5	321.8	0.3	18.9	2.8	38
24.5	68.7	7022.8	425.0	-20.4	-43.3	320.0	6.4	4.1	-4.9	322.9	323.6	0.2	10.8	2.8	52
26.5	72.1	7468.7	400.0	-23.7	-45.7	325.6	7.2	4.1	-5.9	324.2	324.8	0.2	11.0	2.8	67
28.6	75.7	7938.1	375.0	-28.5	-48.4	315.3	9.0	6.3	-6.4	323.9	324.4	0.1	12.6	3.3	85
30.8	79.1	8426.5	350.0	-32.3	-50.9	310.2	10.3	7.8	-6.6	325.2	325.6	0.1	13.6	4.3	97
33.3	82.8	8945.0	325.0	-36.3	-54.7	306.1	10.8	8.7	-6.3	326.6	326.9	0.1	12.8	5.6	106
35.0	86.8	9495.0	300.0	-41.0	99.9	297.3	11.9	10.5	-5.5	327.6	999.9	99.9	999.9	7.4	109
39.0	91.0	10080.4	275.0	-45.9	99.9	289.2	15.2	14.3	-5.0	328.8	999.9	99.9	999.9	9.6	110
41.9	95.4	10710.4	250.0	-49.5	99.9	288.7	22.4	21.2	-7.2	332.5	999.9	99.9	999.9	13.0	110
45.1	100.2	11393.5	225.0	-53.9	99.9	287.9	25.6	24.3	-7.9	335.9	999.9	99.9	999.9	17.7	110
48.6	105.2	12139.5	200.0	-60.0	99.9	289.2	23.6	22.3	-7.8	337.8	999.9	99.9	999.9	22.9	109
52.3	110.6	12965.2	175.0	-63.4	99.9	291.9	21.5	19.9	-8.0	345.3	999.9	99.9	999.9	27.8	109
56.4	116.5	13916.6	150.0	-62.0	99.9	292.7	23.1	21.3	-8.9	363.3	999.9	99.9	999.9	33.3	110
61.0	123.0	15038.1	125.0	-63.2	99.9	297.0	21.9	19.5	-9.9	380.5	999.9	99.9	999.9	39.6	110
66.7	130.7	16406.6	100.0	-64.5	99.9	303.3	13.7	11.5	-7.5	403.2	999.9	99.9	999.9	44.9	112
73.8	139.3	18165.0	75.0	-63.4	99.9	301.2	7.7	6.6	-4.0	439.9	999.9	99.9	999.9	49.5	113
84.0	149.0	20657.1	50.0	-62.7	99.9	3.4	4.1	-0.2	-4.1	495.8	999.9	99.9	999.9	51.5	113
101.6	159.5	25049.4	25.0	-53.1	99.9	999.9	99.9	99.9	99.9	632.3	999.9	99.9	999.9	48.7	117

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 6
ABILENE, TEXAS

2 MAY 1982
503 GMT

165 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10.8	531.9	959.7	17 8	14 5	0 0	0 0	0 0	0 0	294 4	322 9	10 9	81 0	0 0	0
99 9	99.9	99 9	1000 0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	11 7	618 5	950.0	17 1*	99 9	114 2	7 3	-6 6	3 0	294 5	999 9	99 9	999 9	0 2	269
1 1	14 1	846.0	925 0	16 1	15 7	123 9	7 5	-6 3	4 2	295 8	327 8	12 2	97 1	0 4	288
2 1	16 6	1079.3	900 0	14 5	14 0	132 2	7 1	-5 2	4 7	296 4	326 1	11 3	96 9	0 9	299
3 1	19.1	1317 3	875 0	12 8	12 3	148 7	6.0	-3 1	5 1	297 0	324 5	10 4	97 0	1 2	304
4 0	21 7	1561.1	850 0	11 2	10 8	168 4	7 0	-1 4	6 9	297 9	323 7	9 7	97 8	1 5	312
5 0	24 3	1810 4	825 0	9 4	9 1	189 5	7 9	1 3	7 8	298 5	322 4	8 9	98 1	1 8	322
6 1	26 9	2065.4	800 0	7 4	7 1	207 1	7 3	3 3	6 5	299 1	320 7	8 0	97 8	2 1	333
7 1	29 6	2326.6	775.0	5 7	5 0	203 5	7 3	2 9	6 7	299 9	319 4	7 1	95 7	2 4	342
8 1	32 2	2595 3	750.0	4 8	4 1	208 6	6 7	3 2	5 9	301 8	320 9	6 9	95 2	2 6	348
9 4	34.9	2871.2	725 0	2 7	2 4	214 6	5 6	3 2	4 7	302 5	320 1	6 3	97 8	3 1	354
10 7	37.6	3154 9	700 0	1 0	-1 7	216 0	4 3	2 5	3 5	303 6	317 3	4 8	82 1	3 4	358
11 8	40 6	3446 5	675.0	-1.0	-3 6	247 0	3 2	3 0	1 3	304 6	317 1	4 4	82 2	3 6	1
12.8	43 4	3747 2	650.0	-2 2	-5 6	256 3	4 0	3 9	0 9	306 5	317 8	3 9	77 4	3 6	4
13.9	46.3	4058 4	625 0	-3 6	-8 0	243 7	3 6	3 2	1 6	308 3	318 3	3 4	71 9	3 7	8
15.1	49 3	4380.1	600 0	-5.4	-10 6	220 4	3 1	2 0	2 4	309 9	318 5	2 9	67 0	3 9	10
16 4	52.3	4713.8	575 0	-8 2	-14 3	241 5	2 4	2 1	1 1	312 7	319 5	2 2	52 4	4 1	12
17 8	55 5	5061 3	550 0	-7 1	-20 2	319 3	2 4	1 6	-1 9	315 6	320 1	1 4	34 3	4 1	14
19 0	58 9	5422.1	525.0	-9 7	-25.3	328 9	4 1	2 1	-3 5	316 7	319 8	0 9	26 7	3 9	16
20 3	62 0	5796 7	500 0	-12 3	-29 1	323 2	5.3	3 1	-4 2	318 1	320 4	0 7	22 9	3 7	20
21.7	65 4	6186 3	475.0	-15.8	-35 2	321 3	4 7	3 0	-3 7	318 4	319 8	0 4	17 1	3 5	27
23 1	68 9	6592.4	450.0	-18 0	-42 2	331 5	3 9	1 9	-3 4	320 6	321 3	0 2	9 9	3 3	32
24 8	72 3	7017.3	425 0	-21 1	-44 6	326 7	3 8	2 1	-3 1	322 0	322 6	0 2	9 9	3 2	38
26 5	76 1	7462 2	400 0	-24 4	-47 4	311 4	4 7	3 5	-3 1	323 2	323 7	0 1	9 7	3 1	45
28 0	79 7	7928.4	375 0	-28 4	-50 3	316 6	6 8	4.7	-5 0	324 0	324 4	0 1	10 1	3 2	55
29 8	83 6	8419 1	350 0	-32 4	-52 5	311 3	7 2	5.4	-4 7	325 1	325 4	0 1	11 3	3 4	67
31 8	87 7	8937 1	325 0	-36 5	-55 8	301 5	8 7	7 4	-4 5	326 2	326 4	0 1	11 6	4 0	80
33 8	91 8	9486 0	300.0	-41 5	99 9	288 7	11 5	10 9	-3 7	326 9	999 9	99 9	999 9	5 0	87
36 1	96 2	10072 3	275 0	-44 6	99 9	287 8	19 0	18 1	-5 8	330 7	999 9	99 9	999 9	6 9	92
38 5	101 0	10704.6	250 0	-49 0	99 9	288 5	25 0	23 7	-7 9	333 2	999 9	99 9	999 9	10 1	98
41 2	105 8	11388.4	225 0	-54.5	99 9	286 5	25.1	24 0	-7 1	335 1	999 9	99 9	999 9	14 2	101
44 1	111 2	12128.6	200.0	-61.2*	99 9	288 6	25.0	23 7	-8 0	335 9	999 9	99 9	999 9	18 4	102
47 0	117.0	12952 5	175 0	-62 8	99 9	291.6	20 7	19 3	-7 6	348 3	999 9	99 9	999 9	22 4	104
50 9	123 0	13903.8	150.0	-62 1	99 9	292 7	21 8	20 1	-8 4	363 2	999 9	99 9	999 9	27 2	105
55 0	130.0	15025 4	125 0	-64 5	99 9	293.7	17 1	15 6	-6 9	378 2	999 9	99 9	999 9	32 2	106
59 8	137.7	16382.3	100.0	-66 6	99 9	293 6	12 5	11 5	-5 0	399 0	999 9	99 9	999 9	36 1	107
65 9	146.5	18133 0	75 0	-64 8	99 9	295 4	9 0	8 1	-3 9	437 1	999 9	99 9	999 9	40 1	108
74 5	157 0	20617.8	50 0	-61 3	99 9	299 5	5 0	4 3	-2 4	499 0	999 9	99 9	999 9	41 9	109
87 3	167.5	25012.0	25.0	-53 5	99 9	228 9	4 0	0	2 6	631 1	999 9	99 9	999 9	40 1	110

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 7
ENNIS, TEXAS

1 MAY 1982
1157 GMT

105 178 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6 9	149.7	1002.4	17.0	16.5	340 0	3.1	1 1	-2 9	290 0	320.4	11.9	97 0	0 0	0
0.0	7.1	170.2	1000 0	16 9*	99 9	61.7	8.0	-7 1	-3 8	290.1	999.9	99.9	999 9	0 2	223
0.9	9.4	386.2	975.0	16 7	14 9	72 4	7 5	-7 2	-2 3	292 0	320.5	11 0	89 2	0 3	233
1 8	11.7	608.5	950.0	17.7	12 4	90.8	6.8	-6 8	0 1	295 1	320.5	9 6	71 3	0 7	250
2 7	14.1	836 3	925.0	16.1	11 3	98 0	7.4	-7 3	1 0	295 8	320 2	9 2	73 0	1 1	259
3 6	16.5	1069.1	900.0	13.9	12 7	113 6	6 5	-6 0	2 6	295 9	323 3	10 4	92 5	1 4	266
4 5	19 0	1306.6	875 0	12.4	11 5	119 4	5 0	-4 3	2 4	296 7	322 7	9 8	93 9	1 7	272
5 4	21 4	1550.1	850 0	11.3	10 2	117 9	3 7	-3 3	1 7	298 0	322 9	9 3	93 3	1 9	275
6.3	23.9	1799.1	825 0	9 1	8 1	112 4	4 3	-4 0	1 7	298 2	320 5	8 2	93 1	2 1	277
7 1	26.4	2054.3	800 0	7 8	6 7	115 3	4.9	-4 4	2 1	299 5	320 6	7 7	92 7	2 3	278
8 1	28 9	2315.1	775 0	5 2	3 4	140.0	5.5	-3 5	4 2	299 4	316 8	6 3	88 0	2 5	281
8.8	31.5	25[illegible].6	750 0	3 4	2 2	150 9	5 7	-2 8	5 0	300 3	317 0	6 0	92.0	2 7	285
9 4	34.1	285[illegible].3	725 0	1 8	0 7	163 2	5 4	-1 6	5 2	301.5	317 1	5 6	92 5	2 9	288
10 4	36.7	3139.6	700.0	-0 7	-1 8	183.7	5 9	0 4	5 9	301 8	315 3	4 8	91 7	3 0	294
11 4	39.4	3429 1	675 0	-3 4	-6 6	999 9	99 9	99 9	99 9	301.9	311 8	3 5	78 4	999 9	999
12 3	42.1	3726.9	650 0	-4 5	-9.7	999 9	99 9	99 9	99 9	303 9	312 1	2 8	67 0	999 9	999
13 4	44.9	4035.0	625 0	-5.8	-8 0	999 9	99 9	99 9	99 9	305 8	315 7	3 4	64 8	999 9	999
14 6	47 7	4356.2	600 0	-5.6	-7 1	999.9	99 9	99 9	99 9	309 6	320 7	3 7	89 0	999 9	999
15 7	50 6	4689.7	575.0	-7 3	-8 6	999 9	99 9	99 9	99 9	311 5	321 9	3 5	90 3	999 9	999
16 9	53.5	5035 1	550.0	-9 5	-10 6	999 9	99.9	99 9	99.9	312 8	322 2	3 1	91 8	2 5	347
18 2	56 5	5393.4	525.0	-11.9	-13 2	300 2	8.0	6 9	-4	314 2	322 2	2 6	89 5	2 0	359
19 4	59 6	5765.4	500.0	-14 4	-17 1	292.6	6.6	6 1	-2 6	315 4	321 7	2 0	80 1	1 9	15
20 8	62.8	6152.7	475.0	-17 0	-20 7	271 3	4 5	4 5	-0 1	316 9	321 9	1 5	72 9	1 9	29
22 1	65 9	6556.4	450.0	-19 9	-24 0	224 4	3 1	2 2	2 2	318 2	322 1	1 2	69 6	2 1	33
23 4	69.	6978.1	425.0	-23 0	-27 9	196.6	2 8	0 8	2 7	319 5	322 6	0 9	64 0	2 3	32
24.6	72.6	7420.2	400 0	-26.0	-30 9	158 0	1.4	-0 5	1 3	321 2	323 7	0 7	63 3	2 5	31
26 1	76 1	7883 9	375.0	-29 7	-34.2	135 3	3 1	-2 2	2 2	322 3	324 3	0 6	64 3	2 5	28
27.7	79 8	8371 7	350 0	-33 9	-39 4	157 6	5 1	-2 0	4 7	323 0	324 3	0 4	57 2	2 7	20
29.3	83.6	8886 8	325 0	-38 2	-44 5	170 4	6 8	-1 1	6 7	324 0	324 8	0 2	51 3	3 2	14
31.1	87.4	9433.1	300 0	-41.9	99 9	204.4	4 3	1 8	3 9	326 3	999.9	99 9	999 9	3 9	12
33 1	91.5	10015.7	275.0	-47 0	99 9	195 4	2 9	0 8	2 8	327 2	999 9	99 9	999 9	4 2	14
35.1	95.6	10640 0	250 0	-51 9	99 9	58.9	4.2	-3 6	-2 2	328 9	999 9	99 9	999 9	4 3	12
37 2	100.4	11314 3	225.0	-57 4	99.9	31 1	7 3	-3 8	-6 2	330.6	999 9	99 9	999 9	3 6	9
39 3	105.4	12048 2	200.0	-62 8	99 9	999 9	99 9	99 9	99 9	333 4	999 9	99 9	999 9	2 7	358
99.9	99.9	99.9	175.0	99.9	99 9	99 9	99 9	99 9	99 9	99.9	999.9	99 9	999 9	999 9	999
99.9	99.9	99 9	150 0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	125.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	100.0	99 9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	75.0	99.9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	50.0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	25.0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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

STATION NO 7
ENNIS, TEXAS

1 MAY 1982
1400 GMT

158 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	149.7	1003.4	17.0	16.7	330.0	2.2	1.1	-1.9	289.9	320.6	12.0	98.0	0.0	0
0.1	7.0	178.6	1000.0	16.9*	99.9	37.0	3.8	-2.3	-3.1	290.1	999.9	99.9	999.9	0.1	161
0.9	9.2	394.6	975.0	16.1	14.9	68.0	4.3	-4.0	-1.6	291.3	319.8	11.0	93.1	0.2	186
1.7	11.5	616.3	950.0	16.5	15.4	111.2	5.5	-5.2	2.0	294.0	324.4	11.7	93.1	0.3	241
2.5	13.8	843.9	925.0	15.7	14.5	111.8	5.2	-4.9	1.9	295.4	325.1	11.3	92.8	0.5	268
3.3	16.1	1076.7	900.0	14.6	13.6	114.8	4.8	-4.4	2.0	296.6	325.6	11.0	93.6	0.7	275
4.2	18.4	1314.7	875.0	12.6	11.5	120.4	5.1	-4.4	2.6	296.9	322.9	9.8	92.8	1.0	281
5.1	20.8	1557.9	850.0	11.0	9.9	115.6	5.4	-4.8	2.3	297.7	322.0	9.1	92.6	1.3	285
6.0	23.2	1806.9	825.0	9.2	8.1	125.5	5.0	-4.0	2.9	298.4	320.7	8.3	92.6	1.5	287
6.9	25.7	2061.8	800.0	7.5	5.8	160.7	4.9	-1.6	4.6	299.1	319.0	7.3	88.9	1.7	292
7.7	28.1	2322.4	775.0	5.9	0.1	184.4	5.6	0.4	5.6	300.2	314.2	5.0	66.3	1.9	299
8.7	30.6	2590.8	750.0	4.6	-4.0	193.0	6.1	1.4	5.9	301.6	312.6	3.9	54.1	2.0	309
9.7	33.1	2866.0	725.0	2.5	-7.4	196.8	6.1	1.8	5.8	302.2	311.0	3.0	47.8	2.2	317
10.7	35.7	3148.9	700.0	0.3	-7.3	204.3	6.3	2.6	5.7	302.8	312.0	3.2	56.7	2.4	325
11.6	38.3	3439.6	675.0	-1.4	-7.7	213.4	7.0	3.9	5.9	304.1	313.3	3.2	62.0	2.6	332
12.7	40.9	3739.7	650.0	-2.7	-4.2	232.0	7.7	6.1	4.7	305.9	318.4	4.3	89.7	2.8	342
13.9	43.6	4051.1	625.0	-3.5	-4.9	248.9	6.3	5.8	2.3	308.4	320.8	4.3	90.1	2.9	352
15.0	46.3	4373.3	600.0	-5.4	-6.3	272.8	3.7	3.7	-0.2	309.8	321.6	4.0	93.7	3.0	359
16.0	49.1	4706.5	575.0	-7.0	-8.1	327.2	4.0	2.2	-3.4	311.7	322.6	3.6	92.4	2.9	2
17.1	52.0	5052.5	550.0	-8.8	-10.7	342.0	6.0	1.9	-5.7	313.7	323.1	3.1	85.7	2.6	4
18.2	54.9	5411.6	525.0	-11.3	-12.1	338.3	5.7	2.1	-5.3	314.9	323.7	2.9	93.4	2.2	8
19.4	57.8	5784.4	500.0	-14.1	-17.1	324.9	4.5	2.6	-3.7	315.9	322.2	2.0	77.9	1.9	15
20.6	60.9	6171.8	475.0	-16.7	-20.5	282.6	3.0	2.9	-0.6	317.3	322.3	1.6	71.9	1.8	22
21.9	64.0	6576.3	450.0	-19.1	-24.5	261.9	2.4	2.4	0.3	319.2	323.1	1.2	62.2	1.9	28
23.2	67.3	6999.6	425.0	-22.1	-27.9	289.8	1.2	1.2	-0.4	320.7	323.7	0.9	58.9	2.0	31
24.7	70.6	7442.6	400.0	-25.8	-30.8	324.9	1.0	0.6	-0.8	321.5	324.0	0.7	62.5	2.0	34
26.1	74.0	7906.7	375.0	-29.1	-34.1	233.9	1.5	1.2	0.9	323.1	325.1	0.6	61.2	2.0	36
27.8	77.6	8395.8	350.0	-33.2	-38.8	170.2	4.4	-0.7	4.3	324.1	325.4	0.4	56.5	2.2	32
29.4	81.3	8912.3	325.0	-37.3	-43.7	190.7	4.0	0.8	4.0	325.2	326.1	0.2	51.0	2.6	23
31.1	85.3	9460.6	300.0	-41.2	99.9	291.5	5.5	5.1	-2.0	327.4	999.9	99.9	999.9	2.8	27
33.0	89.3	10045.5	275.0	-45.9	99.9	320.3	6.8	4.3	-5.2	328.7	999.9	99.9	999.9	2.7	44
34.8	93.6	10672.2	250.0	-51.3	99.9	341.7	6.5	2.0	-6.2	329.9	999.9	99.9	999.9	2.6	58
36.6	98.2	11347.9	225.0	-57.3	99.9	17.5	8.0	-2.4	-7.6	330.7	999.9	99.9	999.9	2.3	77
38.6	103.2	12083.4	200.0	-61.2	99.9	6.2	5.5	-0.6	-5.4	335.9	999.9	99.9	999.9	1.8	96
41.1	108.4	12917.6	175.0	-60.0	99.9	307.0	10.1	8.1	-6.1	351.0	999.9	99.9	999.9	2.6	109
43.6	114.2	13882.3	150.0	-59.7	99.9	295.8	14.2	12.8	-6.2	367.3	999.9	99.9	999.9	4.3	114
46.9	120.7	15020.3	125.0	-61.4	99.9	286.7	14.8	14.2	-4.3	383.9	999.9	99.9	999.9	7.3	114
50.7	128.0	16396.4	100.0	-62.6	99.9	282.0	13.9	13.6	-2.9	406.8	999.9	99.9	999.9	10.6	110
55.6	136.7	18184.3	75.0	-64.5	99.9	300.9	9.9	8.5	-5.1	437.6	999.9	99.9	999.9	14.2	109
62.0	146.5	20680.1	50.0	-56.2	99.9	255.2	2.7	2.6	0.7	511.2	999.9	99.9	999.9	15.9	112
72.0	157.3	25086.5	25.0	-54.1	99.9	999.9	99.9	99.9	99.9	629.5	999.9	99.9	999.9	15.7	114

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	149.7	1004.8	17.9	16.8	30.0	4.7	-2.3	-4.1	290.7	321.5	12.1	93.0	0.0	0
0.1	6.5	190.8	1000.0	17.2	15.7	49.7	6.4	-4.9	-4.1	290.4	319.4	11.3	90.7	0.1	314
0.9	8.7	406.7	975.0	15.7	13.5	74.3	8.6	-8.3	-2.3	291.0	316.9	10.0	86.6	0.4	255
1.7	11.0	627.7	950.0	15.7	10.7	91.3	6.1	-6.1	0.1	293.1	315.7	8.6	72.2	0.8	255
2.6	13.4	854.5	925.0	15.8	5.8	166.9	3.5	-0.8	3.4	295.5	312.6	6.3	51.5	1.0	262
3.5	15.6	1087.1	900.0	15.1	6.1	207.7	4.9	2.3	4.3	297.1	315.0	6.6	55.2	0.9	275
4.4	18.0	1324.7	875.0	13.1	3.0	216.7	6.1	3.6	4.9	297.5	312.4	5.4	50.0	0.8	294
5.3	20.5	1568.1	850.0	11.7	1.7	223.1	7.0	4.8	5.1	298.5	312.7	5.1	50.1	0.8	318
6.1	22.9	1817.0	825.0	9.7	1.9	228.2	7.5	5.6	5.0	298.8	313.6	5.3	58.4	0.9	341
7.0	25.3	2071.8	800.0	7.6	2.3	235.8	7.7	6.4	4.3	299.2	314.9	5.7	69.2	1.1	2
8.0	27.8	2332.7	775.0	5.2	-1.0	245.4	8.4	7.6	3.5	299.5	312.4	4.6	64.0	1.4	20
9.0	30.3	2600.2	750.0	3.8	-0.5	249.3	8.1	7.6	2.9	300.8	314.6	4.9	73.4	1.8	32
9.9	32.8	2875.1	725.0	2.0	-0.0	247.9	6.3	5.8	2.4	301.6	316.5	5.3	86.7	2.2	39
11.0	35.4	3158.3	700.0	0.9	-0.2	253.7	3.4	3.3	1.0	303.4	318.7	5.4	92.6	2.4	42
12.0	38.0	3450.1	675.0	-0.3	-1.0	281.2	1.8	1.7	-0.3	305.3	320.4	5.3	94.7	2.5	45
13.0	40.7	3752.2	650.0	-1.2	-2.0	289.4	2.1	1.9	-0.7	307.6	322.3	5.1	94.7	2.6	46
14.0	43.4	4064.3	625.0	-3.3	-4.0	283.3	2.7	2.6	-0.6	308.7	321.9	4.5	94.7	2.7	49
15.1	46.2	4386.7	600.0	-5.0	-5.9	352.5	2.0	0.3	-2.0	310.3	322.4	4.1	93.5	2.7	52
16.3	49.1	4720.5	575.0	-7.0	-9.5	16.9	3.5	-1.0	-3.4	311.8	321.6	3.2	82.4	2.5	54
17.5	52.0	5066.0	550.0	-9.4	-14.7	348.6	4.4	0.9	-4.3	313.0	319.8	2.2	65.1	2.4	59
18.6	54.9	5424.5	525.0	-11.6	-15.3	334.3	5.3	2.3	-4.8	314.5	321.4	2.2	73.7	2.3	67
19.8	57.9	5797.5	500.0	-13.6	-18.8	324.9	4.9	2.8	-4.0	316.5	323.0	2.1	76.8	2.4	76
21.0	61.0	6185.8	475.0	-16.1	-20.2	319.7	2.8	1.8	-2.2	318.0	323.2	1.6	70.5	2.5	82
22.2	64.1	6590.5	450.0	-19.3	-23.7	292.8	2.6	2.4	-1.0	319.0	323.1	1.2	67.7	2.7	85
23.6	67.4	7013.6	425.0	-22.1	-30.4	290.9	4.1	3.8	-1.4	320.7	323.2	0.7	46.3	2.9	87
25.1	70.7	7456.8	400.0	-25.2	-40.6	293.6	4.7	4.3	-1.9	322.2	323.3	0.3	22.9	3.3	90
26.7	74.3	7922.2	375.0	-28.9	-38.8	292.3	3.8	3.5	-1.4	323.4	324.7	0.3	37.5	3.7	93
28.3	77.9	8411.7	350.0	-33.1	-49.9	278.1	4.0	4.0	-0.6	324.2	324.6	0.1	17.4	4.0	93
30.0	81.7	8928.9	325.0	-37.3	-54.2	332.6	4.7	2.2	-4.2	325.3	325.6	0.1	15.0	4.4	95
31.7	85.5	9477.5	300.0	-41.1	99.9	10.9	7.5	-1.4	-7.3	327.4	999.9	99.9	999.9	4.4	103
33.4	89.7	10063.2	275.0	-45.7	99.9	6.1	8.9	-1.0	-8.9	329.1	999.9	99.9	999.9	4.6	114
35.2	94.0	10690.0	250.0	-51.1	99.9	1.4	9.6	-0.2	-9.6	330.2	999.9	99.9	999.9	5.0	125
37.1	98.6	11367.2	225.0	-56.4	99.9	342.5	12.0	3.6	-11.5	332.2	999.9	99.9	999.9	5.9	133
39.3	103.6	12106.9	200.0	-60.4	99.9	324.8	15.9	9.2	-13.0	337.2	999.9	99.9	999.9	7.6	139
41.8	109.0	12937.6	175.0	-59.6	99.9	307.4	13.8	11.0	-8.4	351.6	999.9	99.9	999.9	10.1	138
44.7	115.0	13900.5	150.0	-59.8	99.9	291.4	13.8	12.9	-5.0	367.1	999.9	99.9	999.9	11.9	135
47.8	121.5	15041.1	125.0	-60.6	99.9	285.4	16.2	15.6	-4.3	385.4	999.9	99.9	999.9	14.7	129
51.4	129.0	16416.8	100.0	-61.9	99.9	291.1	12.7	11.8	-4.6	408.1	999.9	99.9	999.9	17.7	126
55.9	137.5	18192.4	75.0	-62.5	99.9	291.6	8.1	7.5	-3.0	441.9	999.9	99.9	999.9	20.4	123
62.3	147.5	20719.5	50.0	-59.0	99.9	20.8	[illegible]	-0.9	-2.4	504.6	999.9	99.9	999.9	21.7	123
73.2	158.5	25145.9	25.0	-51.6	99.9	82.1	2.0	-2.0	-0.3	636.5	999.9	99.9	999.9	21.3	125

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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 7
ENNIS, TEXAS

1 MAY 1982
2002 GMT

156 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	149.7	1003.4	20.0	17.4	0.0	0.0	0.0	0.0	292.9	325.4	12.6	85.0	0.0	0
0.1	6.4	179.0	1000.0	19.5	99.9	26.1	0.9	-0.4	-0.8	292.6	999.9	99.9	999.9	0.0	324
0.8	8.8	395.6	975.0	16.9	14.7	84.2	2.8	-2.8	-0.3	292.2	320.4	10.9	86.8	0.1	256
1.7	11.4	617.5	950.0	16.6	10.7	110.0	4.3	-4.0	1.5	294.0	316.7	8.6	68.3	0.3	269
2.6	13.9	844.8	925.0	16.1	9.6	139.8	3.8	-2.5	2.9	295.8	317.5	8.1	65.3	0.5	286
3.5	16.5	1077.4	900.0	14.7	8.1	165.2	3.8	-1.0	3.7	296.6	317.2	7.6	65.2	0.8	300
4.4	19.1	1315.1	875.0	12.8	5.2	172.8	5.2	-0.7	5.1	297.1	314.5	6.4	59.7	0.8	314
5.4	21.7	1558.4	850.0	11.3	3.6	189.6	5.0	0.8	4.9	298.0	314.1	5.8	59.0	1.0	325
6.3	24.4	1807.0	825.0	9.0	4.4	205.7	4.1	1.8	3.7	298.2	315.7	6.4	72.9	1.2	335
7.2	27.1	2061.5	800.0	7.1	5.1	220.5	3.7	2.4	2.8	298.7	317.6	6.9	87.4	1.3	343
8.3	29.9	2322.3	775.0	5.4	3.3	231.5	5.4	4.2	3.3	299.6	316.9	6.3	86.4	1.5	351
9.2	32.6	2590.2	750.0	3.7	1.3	230.1	7.6	5.8	4.9	300.6	316.3	5.6	84.6	1.7	3
10.1	35.3	2865.0	725.0	1.8	-0.5	999.9	99.9	99.9	99.9	301.5	315.9	5.1	84.6	2.0	12
11.1	38.1	3148.0	700.0	0.6	-0.1	999.9	99.9	99.9	99.9	303.1	318.5	5.4	95.0	999.9	999
12.3	41.0	3439.9	675.0	-0.2	-0.8	999.9	99.9	99.9	99.9	305.5	320.8	5.4	95.5	999.9	999
13.3	43.9	3741.6	650.0	-1.9	-4.5	999.9	99.9	99.9	99.9	308.8	319.1	4.2	82.2	999.9	999
14.5	46.9	4053.2	625.0	-3.4	-6.6	999.9	99.9	99.9	99.9	308.6	319.6	3.7	78.7	3.1	35
15.6	49.9	4375.4	600.0	-5.1	-6.9	123.2	1.6	-1.4	0.9	310.2	321.5	3.8	87.2	3.1	34
16.9	52.9	4708.7	575.0	-7.6	-10.5	48.8	2.3	-1.7	-1.5	311.1	320.2	3.0	79.5	3.0	32
18.3	56.0	5053.8	550.0	-9.3	-14.2	355.4	2.3	0.2	-2.3	313.0	320.2	2.3	67.7	2.8	33
19.7	59.3	5412.8	525.0	-11.3	-13.5	304.4	4.4	3.6	-2.5	314.8	322.8	2.6	83.6	2.7	37
21.0	62.4	5785.7	500.0	-13.7	-17.8	293.9	6.3	5.8	-2.6	316.3	322.3	1.9	71.1	2.9	46
22.4	65.9	6173.8	475.0	-16.5	-18.4	999.9	99.9	99.9	99.9	317.6	323.6	1.9	84.7	3.1	56
24.0	69.3	6578.3	450.0	-19.4	-27.7	999.9	99.9	99.9	99.9	318.8	321.7	0.9	48.2	999.9	999
25.6	72.7	7000.6	425.0	-22.4	-38.3	999.9	99.9	99.9	99.9	320.2	321.4	0.3	22.0	4.1	68
27.3	76.3	7443.5	400.0	-25.3	-45.7	279.2	7.2	7.1	-1.2	322.1	322.7	0.2	12.8	4.6	72
29.0	80.0	7908.8	375.0	-29.1	-49.0	291.8	6.1	5.6	-2.3	323.2	323.6	0.1	12.4	5.3	76
30.7	83.9	8398.5	350.0	-32.9	-52.7	315.5	5.2	3.7	-3.7	324.5	324.8	0.1	11.6	5.6	80
32.5	87.8	8916.3	325.0	-36.7	-56.2	322.1	6.1	3.8	-4.8	326.2	326.4	0.1	11.0	6.0	85
34.6	92.0	9465.3	300.0	-41.4	99.9	327.2	7.1	3.8	-6.0	327.0	999.9	99.9	999.9	6.4	92
36.8	96.3	10050.7	275.0	-46.2	99.9	329.4	8.4	4.3	-7.2	328.4	999.9	99.9	999.9	7.0	98
38.9	100.8	10676.9	250.0	-51.2	99.9	317.3	11.2	7.6	-8.3	329.9	999.9	99.9	999.9	7.9	105
41.1	105.6	11354.2	225.0	-56.1	99.9	302.4	13.0	11.0	-7.0	332.6	999.9	99.9	999.9	9.4	109
43.4	110.6	12092.2	200.0	-61.9	99.9	303.0	16.6	13.9	-9.0	334.8	999.9	99.9	999.9	11.3	111
46.0	116.0	12914.7	175.0	-62.8	99.9	300.5	19.8	17.1	-10.0	346.3	999.9	99.9	999.9	14.2	114
49.2	121.7	13874.9	150.0	-59.8	99.9	289.0	17.3	16.3	-5.6	367.1	999.9	99.9	999.9	17.8	114
52.6	128.0	15005.8	125.0	-61.7	99.9	286.3	16.8	16.1	-4.7	383.3	999.9	99.9	999.9	21.0	113
56.5	134.5	16382.7	100.0	-62.6	99.9	286.2	13.5	12.9	-3.8	406.8	999.9	99.9	999.9	24.8	111
61.5	141.7	18148.5	75.0	-63.5	99.9	284.0	10.3	10.0	-2.5	439.9	999.9	99.9	999.9	28.0	111
68.4	149.7	20652.9	50.0	-58.8	99.9	331.8	3.6	1.7	-3.2	505.0	999.9	99.9	999.9	30.4	111
79.0	158.0	25062.7	25.0	-52.5	99.9	57.4	4.0	-3.4	-2.2	633.9	999.9	99.9	999.9	30.9	114

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 7
ENNIS, TEXAS

1 MAY 1982
2301 GMT

158 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6.3	149.7	1002 1	20 6	16 2	80 0	0 4	-0 4	-0 1	293 6	323 9	11 7	76 0	0 0	0
0 1	6.5	167.9	1000.	20 2	16 0	81 1	0 9	-0 9	-0.1	293 3	323 4	11 6	77 2	0 0	338
0.8	8 8	385.7	975	17 3	13 9	96 7	2 4	-2.3	0 3	292 6	319 5	10 3	80 7	0 1	272
1 8	11.2	607.5	950 0	16 4	11 6	111 7	2 4	-2.2	0 9	293 8	317 7	9 1	73 0	0 3	281
2 6	13 5	834.1	925.0	14.6	10 8	146 7	2 4	-1 3	2 0	294 2	317 7	8 9	78 3	0 4	287
3 6	15 9	1066.1	900.0	14 4	9 3	167 9	2 9	-0 6	2 8	296 4	318 3	8 2	71 3	0 5	303
4 6	18 4	1303 9	875.0	12 7	7 9	178 2	3 7	-0 1	3 7	297 0	317 7	7 7	72 7	0 6	318
5.5	20 8	1547.2	850.0	11.4	6 3	198 2	4 0	1 2	3 8	298 1	317 3	7 1	70 5	0 8	329
6 5	23.2	1796 3	825 0	9.7	4 5	204 7	2 6	1 2	2 6	298 9	316 5	6 4	70 0	0 9	341
7 5	25 8	2051.3	800.0	7 6	5 9	221.4	2 4	1 6	1 8	299 3	319 2	7 3	88 9	1 0	344
8 4	28 3	2312.6	775 0	5 8	3 9	235 6	4 5	3 7	2 5	300 0	318 2	6 6	87 9	1 1	355
9 3	30.8	2580.7	750 0	4 0	2 8	239 4	5 7	4 9	2 9	300 9	318 3	6 3	92 4	1 3	6
10 3	33 4	2856.2	725 0	2 7	-3 5	250 1	6 4	6 0	2 2	302.4	314 1	4 1	63 9	1 5	18
11 3	36 0	3139 2	700 0	0 4	-0 6	277 8	5.0	5 0	-0 7	303 0	317 8	5 3	92 8	1 7	29
12 4	38.7	3431 1	675 0	-1 0	-1 5	311 7	3 5	2 6	-2 3	304 5	319 0	5 1	96 4	1 7	38
13 5	41.4	3732 5	650.0	-2 0	-2 6	327 6	1 5	0 8	-1 3	306 8	320 8	4 9	95 3	1 7	44
14 8	44 2	4043 8	625 0	-3 6	-5 8	235 5	0 3	0 3	0 2	308 3	320 0	4 0	84 8	1 7	45
15 9	47 0	4364 9	600.0	-6 1	-7 0	227.0	0 6	0 4	0 4	309 1	320 2	3 8	93 4	1 7	44
17 1	49 9	4698.2	575.0	-7 3	-10 7	293 5	2 9	2 7	-1 2	311 4	320 3	2 9	76 8	1 7	47
18 2	52 8	5043.8	550.0	-9 3	-13 2	288 9	5 0	4 8	-1 6	313 1	320 8	2 5	72 8	1 9	55
19 5	55.8	5402 3	525.0	-11 6	-15 6	291 6	5 3	4 9	-1 9	314 5	321 3	2 2	71 7	2 1	64
20 8	58.6	5774.3	500.0	-14.4	-17 8	285 0	6 1	5 9	-1 6	315 4	321 4	1 9	75 4	2 5	72
22 1	61 9	6161.3	475.0	-16.7	-22 4	283 9	8 3	8 0	-2 0	317 4	321 7	1 3	61.5	3 0	77
23 6	65.1	6565.8	450.0	-19 4	-26 6	284 5	9 8	9 5	-2 5	318 9	322 1	1 0	52 7	3 7	83
25 0	68.4	6988.5	425.0	-22 2	-30 7	278 8	8 5	8 4	-1 3	320 6	322 9	0 7	45 6	4 5	86
26 5	71.7	7431.7	400 0	-25.1	-33 3	286.3	8 5	8 1	-2 4	322 3	324 3	0 6	46 2	5 2	88
28 1	75 2	7897.0	375 0	-28 4	-37 3	296 5	8 8	7 9	-3 9	324 0	325 5	0 4	41 7	5 9	91
29.6	78 8	8387.4	350.0	-32.8	-41 7	308 2	9 6	7.6	-6 0	324 5	325 5	0 3	40 2	6 7	95
31.4	82 6	8904 6	325.0	-37 2	-46.1	307 9	8 9	7 0	-5 4	325 4	326 1	0 2	38 7	7 5	100
33.3	86.5	9451.7	300.0	-42.1	99 9	300 7	9 0	7 8	-4 6	326 0	999 9	99 9	999 9	8 4	102
35 1	90 5	10034.7	275.0	-46.5	99 9	290 3	12 4	11 6	-4 3	327.8	999 9	99 9	999 9	9 6	104
37 3	94 8	10659.5	250.0	-52 1	99 9	290 7	16 6	15 6	-5 9	328 6	999 9	99 9	999 9	11 5	105
39 5	99 4	11334 6	225.0	-56.6	99 9	288 8	15 8	15 0	-5 1	331 9	999 9	99 9	999 9	13 6	106
41 8	104.4	12074.5	200.0	-60 9	99 9	294 2	18 2	16 6	-7 5	336 3	999 9	99 9	999 9	16 0	106
44.3	109.6	12898.3	175.0	-63 8	99 9	292 0	19 6	18.2	-7 3	344 7	999 9	99 9	999 9	18 6	108
47 1	115 7	13853.6	150.0	-61.0	99.9	293 9	22.5	20.6	-9 1	364 9	999 9	99 9	999 9	22.4	108
50 2	122.2	14982.1	125.0	-62 7	99 9	292 0	20 1	18 7	-7 5	381 4	999 9	99 9	999 9	26 4	109
54 0	129 7	16351 6	100.0	-63 3	99 9	293 4	15 9	14 6	-6 3	405 5	999 9	99 9	999 9	30 6	110
58 7	138 3	18112.2	75.0	-63 2	99 9	299 9	9 6	3 3	-4 8	440 4	999 9	99 9	999 9	34 0	110
64.7	148.0	20812.5	50.0	-62.4	99 9	328 7	4 1	2 1	-3 5	496 6	999 9	99 9	999 9	35 2	111
74 9	158 5	25015 4	25 0	-53 1	99 9	132 1	2 9	-2 2	2 0	632 3	999 9	99 9	999 9	34 7	114

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 7
ENNIS, TEXAS

2 MAY 1982
204 GMT

153 27 2

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6 6	149.7	1002 1	18 0	17 0	0 0	0 0	0 0	0 0	291 0	322 5	12 3	94 0	0 0	0
0 1	6 8	167.7	1000 0	18 6	99 9	45 5	1 9	-1 4	-1 3	29. 7	999 9	99 9	999 9	0 1	337
0 7	9 1	384.4	975 0	18 0	14 6	97 0	4 1	-4 1	0 5	293 3	321 4	10 8	80 1	0 2	303
1 6	11.5	607 2	950 0	17 3	13 3	130 5	4 4	-3 4	2 9	294 6	321 6	10 2	77 3	0 4	295
2 5	13 9	834.9	925 0	15 9	12 3	154 0	4 0	-1 8	3 6	295 5	321 4	9 8	79 4	0 6	306
3 3	16.3	1067.8	900 0	15 3	9 9	182 4	3 1	0 1	3 1	297 3	320 3	8 5	69 9	0 8	314
4 2	18 7	1306.2	875.0	13 4	9 1	207 6	3 2	1 5	2 9	297 7	320 1	8 3	75 1	0 8	324
5 1	21 2	1550 3	850 0	12 2	9 6	212 9	3 3	1 8	2 8	298 9	323 0	8 9	84 3	0 9	334
6 0	23 6	1800.2	825 0	10 8	4 3	210 4	4 1	2 1	3 5	300 1	317 5	6 3	63 8	1 0	343
6 9	26 1	2056.2	800 0	9 0	5 3	211 9	3.7	2 0	3 2	300 7	320 0	7 0	77 9	1 2	35
7 9	28 7	2318 5	775 0	6 5	5 9	235 9	3 4	2 8	1 9	300 8	321 5	7 5	95 6	1 3	357
8 9	31 2	2587 4	750 0	4 9	3 5	247 5	3 9	3 6	1 5	301 9	320 2	6 6	90 7	1 4	5
9 9	33 8	2863 6	725.0	3 3	-1 9	253 8	4 1	3 9	1 1	303 1	316 2	4 6	68 5	1 6	14
10 9	36 4	3147 7	700 0	1 3	0 7	285 6	2 4	2 3	-0 7	303 9	320 2	5 8	95 6	1 6	20
11 8	39.0	3440.1	675 0	-0 4	-0 9	264 9	0 9	0 9	0 1	305 2	320 3	5 3	96 6	1 6	23
13 0	41 8	3741 9	650 0	-2 0	-2 8	171 5	3 1	-0 5	3 0	306 7	320 6	4 8	94 3	1 7	20
14 1	44 4	4053 6	625 0	-3 0	-4 3	197 0	3 7	1 1	3 5	309 1	322 1	4 5	90 9	2 0	18
15 2	47 3	4376.9	600 0	-4 2	-7 7	247 1	3 0	2 7	1 2	311 2	321 9	3 6	76 8	2 2	20
16 4	50.2	4711 7	575 0	-5 6	-10 6	298 8	3 8	3 3	-1 8	313 4	322 5	3 0	67 5	2 2	25
17 7	53 1	5058 6	550 0	-8 8	-13 1	289 6	5 5	5 2	-1 8	313 7	321 5	2 5	70 9	2 2	35
19 0	56 0	5417 7	525 0	-11 1	-16 9	279 5	9 4	9 3	-1 5	315 1	321 1	1 9	62 2	2 5	46
20 3	59 1	5790 7	500.0	-14 0	-17 4	284 0	11 4	11 1	-2 8	316 0	322 1	1 9	75 4	3 1	60
21.6	62 3	6178.9	475.0	-16 0	-21 7	292 7	10 3	9 5	-4 0	318 2	322 8	1 4	61 6	3 7	70
22 9	65 3	6585.0	450.0	-18 0	-26 5	305 4	9 3	7 5	-5 4	320 7	324 0	1 0	47 3	4 2	76
24 5	68.8	7010 4	425 0	-20 5	-31 8	312 1	9 9	7 3	-6 6	322 7	324 9	0 6	35 6	4 8	86
26 1	72.0	7455 6	400 0	-24 4	-34 3	306 8	10 9	8 7	-6 5	323 3	325 1	0 5	38 9	5 6	93
27 7	75.4	7922.9	375 0	-28 0	-44 0	302 4	9 9	8 4	-5 3	324 6	325 3	0 2	20 1	6 5	98
29 4	79.0	8414.2	350.0	-31 8	-50 0	302 6	10 7	9 0	-5 8	325 9	326 3	0 1	14 4	7 4	101
31 2	82 9	8932.8	325 0	-36 8	-53 1	292 9	12 6	11 6	-4 9	326 0	326 3	0 1	16 3	8 6	104
33 1	86.8	9481 2	300 0	-41 6	99 9	293 4	14 9	13 7	5 9	326 7	999 9	99 9	999 9	10 2	105
35 1	91 0	10065.2	275 0	-46 5	99 9	299 1	14 4	12 6	-7 0	327 9	999 9	99 9	999 9	11 9	107
37 2	95.3	10691 0	250 0	-51 4	99 9	292 4	16 5	15 3	-6 3	329 7	999 9	99 9	999 9	13 7	108
39 4	100 0	11369.6	225 0	-55 5	99 9	291 2	21 4	20 0	-7 8	333 5	999 9	99 9	999 9	16 3	108
41 6	104 8	12112.4	200 0	-60 3	99 9	292 4	20 7	19 2	-7 9	337 3	999 9	99 9	999 9	19 3	109
44 0	110.3	12939.0	175 0	-62 7	99 9	293 6	22.4	20 5	-9 0	346 4	999 9	99 9	999 9	22 1	109
46 6	116 0	13896 3	150 0	-61 5	99.9	294 4	21 8	19 9	-9 0	364 1	999 9	99 9	999 9	25 7	110
49 4	122.5	15018 0	125.0	-64 0	99 9	299 5	22 8	19 8	-11 2	379 1	999 9	99 9	999 9	29 4	111
52 7	129.7	16385.7	100 0	-64 2	99 9	297 5	16 5	14 6	-7 6	403 7	999 9	99 9	999 9	33 4	112
57.3	138 3	18148.8	75 0	-62 6	99 9	294 5	8 7	7 9	-3 6	441 8	999 9	99 9	999 9	37 0	113
63 5	148.0	20649.5	50 0	-61 0	99 9	2 1	3 2	-0 1	-3 2	499 8	999 9	99 9	999 9	37 7	113
99 9	99.9	99.9	25 0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
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STATION NO. 7
ENNIS, TEXAS

2 MAY 1982
502 GMT

136 71 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	149.7	1003.3	18.9	17.4	0.0	0.0	0.0	0.0	291.8	324.1	12.6	91.0	0.0	0
0.1	8.7	178.0	1000.0	18.9	99.9	62.5	2.5	-2.2	-1.2	292.0	999.9	99.9	999.9	0.1	331
0.6	9.1	395.4	973.0	18.2	14.0	120.2	4.8	-4.2	2.4	293.5	320.6	10.4	76.5	0.2	303
1.2	11.5	618.3	950.0	17.1	13.9	128.9	4.7	-3.7	3.0	294.5	322.4	10.6	81.8	0.3	302
1.9	13.9	845.6	925.0	15.6	11.0	146.3	4.0	-2.2	3.3	295.3	319.1	9.0	74.2	0.5	308
2.6	16.3	1077.8	900.0	14.1	9.3	170.9	3.1	-0.5	3.0	296.1	318.1	8.2	72.9	0.6	313
3.2	18.8	1315.9	875.0	13.8	8.7	191.1	4.0	0.8	4.0	298.2	320.1	8.1	71.2	0.7	321
4.0	21.3	1559.7	850.0	11.8	6.5	200.2	4.6	1.6	4.3	298.5	318.1	7.2	70.0	0.9	333
4.7	23.8	1809.0	825.0	10.1	3.9	206.5	5.1	2.3	4.5	299.3	316.3	6.2	65.4	1.0	342
5.4	26.3	2064.5	800.0	8.1	5.5	215.5	5.0	2.9	4.1	299.8	319.3	7.1	83.9	1.2	350
6.2	28.9	2326.1	775.0	6.2	5.5	226.0	4.5	3.2	3.1	300.5	320.6	7.4	95.5	1.3	357
6.9	31.5	2594.6	750.0	4.1	3.7	233.1	5.0	4.0	3.0	301.1	319.6	6.7	96.8	1.4	4
7.7	34.1	2869.9	725.0	2.0	1.5	240.4	4.7	4.1	2.3	301.7	318.2	5.9	96.5	1.6	11
8.6	36.8	3152.8	700.0	0.5	-0.1	235.3	3.7	3.1	2.1	303.0	318.4	5.5	96.2	1.7	17
9.5	39.4	3444.6	675.0	-1.0	-1.6	228.6	3.3	2.5	2.2	304.5	318.9	5.1	95.9	1.9	20
10.2	42.1	3745.1	650.0	-3.1	-3.7	234.0	4.1	3.3	2.4	305.5	318.4	4.5	96.1	2.0	22
11.0	44.8	4055.0	625.0	-4.5	-6.1	255.3	4.0	3.9	1.0	307.3	318.8	3.9	88.8	2.2	25
12.0	47.6	4376.2	600.0	-6.0	-10.8	280.4	3.5	3.4	-0.6	309.2	317.6	2.8	68.2	2.3	30
12.8	50.6	4708.9	575.0	-7.6	-12.4	295.7	3.7	3.3	-1.6	311.1	318.9	2.6	68.2	2.3	34
13.7	53.4	5053.6	550.0	-10.1	-13.9	289.1	4.4	4.1	-1.4	312.2	319.5	2.4	73.6	2.4	39
14.7	56.5	5410.7	525.0	-12.5	-18.1	277.4	5.5	5.5	-0.7	313.4	318.9	1.7	62.7	2.5	45
15.8	59.5	5781.7	500.0	-14.9	-19.9	290.5	6.5	6.1	-2.3	314.9	319.9	1.6	65.5	2.8	52
16.7	62.7	6168.9	475.0	-16.0	-26.2	318.5	7.6	5.0	-5.7	318.1	321.3	0.9	41.3	2.9	59
17.7	65.9	6574.4	450.0	-18.5	-36.3	328.8	8.1	4.2	-6.9	320.0	321.1	0.3	15.6	2.9	68
18.7	69.1	6997.8	425.0	-21.5	-45.2	328.2	8.0	4.2	-6.8	321.4	322.0	0.2	9.6	3.1	78
19.9	72.6	7441.1	400.0	-25.3	-47.1	327.2	9.1	4.9	-7.6	322.1	322.6	0.1	11.0	3.3	87
21.0	76.1	7905.6	375.0	-29.2	-50.1	324.8	11.3	6.5	-9.2	322.9	323.3	0.1	11.0	3.7	97
22.3	79.7	8394.2	350.0	-33.4	-53.2	312.5	12.2	9.0	-8.2	323.7	324.0	0.1	11.5	4.4	104
23.4	83.5	8909.6	325.0	-38.0	-56.6	304.0	14.0	11.8	-7.8	324.3	324.5	0.1	12.0	5.3	108
24.8	87.4	9456.0	300.0	-42.3	99.9	296.9	15.4	13.7	-7.0	325.8	999.9	99.9	999.9	6.4	110
26.2	91.5	10038.2	275.0	-47.1	99.9	293.4	16.3	15.0	-6.5	327.1	999.9	99.9	999.9	7.7	111
27.7	96.0	10663.2	250.0	-51.5	99.9	292.4	20.1	18.5	-7.6	329.5	999.9	99.9	999.9	9.3	111
29.2	100.6	11340.8	225.0	-56.0	99.9	290.8	24.0	22.5	-8.5	332.8	999.9	99.9	999.9	11.4	111
31.3	105.5	12085.3	200.0	-59.1	99.9	293.1	23.7	21.8	-9.3	339.2	999.9	99.9	999.9	14.3	112
33.4	111.0	12912.1	175.0	-62.7	99.9	296.8	25.9	23.1	-11.7	346.5	999.9	99.9	999.9	17.5	112
36.1	116.7	13862.9	150.0	-62.4	99.9	295.2	22.2	20.1	-9.5	362.6	999.9	99.9	999.9	21.3	113
39.5	123.2	14982.9	125.0	-65.2	99.9	298.5	21.3	18.7	-10.1	377.0	999.9	99.9	999.9	26.0	113
43.5	130.7	16349.7	100.0	-63.8	99.9	296.2	15.8	14.2	-7.0	404.5	999.9	99.9	999.9	30.4	114
48.3	139.3	18101.4	75.0	-63.5	99.9	999.9	99.9	99.9	99.9	439.7	999.9	95.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 8
BROWNWOOD, TEXAS

1 MAY 1982
1108 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 T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 2	502 3	962 1	15 2	15 2	45 0	2 0	-1 4	-1 4	291 6	320 9	11 4	100 0	0 0	0
99 9	99 9	99.9	1000 0	99 9	99 9	99 9	99 9	99 9	99 3	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	11 3	609.8	950 0	14 2	13 4	47 6	7 9	-5 9	-5 3	291 6	318 1	10 2	94 6	0 3	194
1 4	13 7	834 9	925.0	12 5	11 0	54 0	11 0	-8 9	-6 5	292 1	315 6	9 0	90 3	0 7	217
2 5	16 2	1064 7	900 0	11 2	9 6	74 8	9 9	-9 5	-2 6	293 0	315 1	8 4	90 0	1 4	230
3 4	18.5	1300 5	875 0	11 0	9 4	113 1	11 1	-10 2	4 3	295 2	317 9	8 5	90 1	1 8	241
4 5	21 1	1542.6	850 0	10 1	8 4	112 3	10 4	-9 7	3 9	296 7	318 7	8 2	89 7	2 3	255
5 5	23 5	1790 1	825 0	7 9	6 3	129 8	9 9	-7 6	6 4	296 9	316 6	7 3	89 6	2 8	256
6 7	26 1	2043 9	800 0	6 6	5 0	130 3	7 9	-6 0	5 1	298 2	316 9	6 9	89 5	3 3	274
7 6	28 6	2304 6	775 0	5 4	3 7	120 4	6 6	-5 7	3 3	299 7	317 5	6 5	88 5	3 6	278
8 6	31 2	2572 3	750 0	3 8	1 8	97 9	4 0	-4 0	0 5	300 7	316 9	5 8	87 0	4 0	279
10 3	33 9	2847 1	725 0	1 4	-0 7	101 0	4 1	-4 0	0 8	301 0	315 1	5 0	86 4	4 3	278
12 0	36 4	3129 9	700 0	0 1	-1 9	131 2	5 5	-4 2	3 6	302 6	316 2	4 8	86 6	4 7	280
13 9	39 2	3421 1	675 0	-0 6	-2 3	165 6	7 9	-2 0	7 6	305 0	318 8	4 8	87 9	5 2	287
15 2	41 9	3722 9	650.0	-1 3	-2 9	178 8	9 2	-0 2	9 2	307 5	321 3	4 8	88 9	5 5	293
16 3	44 7	4034 7	625 0	-3 5	-5 8	180 4	9 3	0 1	9 3	308 4	320 1	4 0	84 4	5 8	299
17 6	47 6	4356 3	600 0	-5 9	-8 9	181 4	8 7	0 2	8 7	309 3	319 0	3 2	78 8	6 1	305
18 8	50 4	4689 2	575 0	-7 2	-10 9	183 1	8 4	0 4	8 4	311 6	320 4	2 9	74 6	6 5	309
20 0	53 4	5034 9	550 0	-9 1	-13 2	189 7	7 0	1 2	6 9	313 3	321 1	2 5	71 8	6 8	313
21 4	56 4	5393 6	525 0	-11 4	-15 8	204 0	6 2	2 5	5 6	314 8	321 4	2 1	69 6	7 0	317
22 8	59 5	5766 4	500 0	-13 8	-18 4	195 1	6 1	1 6	5 9	316 2	321 9	1 8	68 0	7 3	321
24 4	62 6	6154.4	475 0	-16 8	-21 7	180 8	6 3	0 1	6 3	317 2	321 7	1 4	65 5	7 7	324
26 2	65 9	6558 4	450 0	-19 2	-24 3	179 4	7 4	-0 1	7 4	319 1	323 0	1 2	64 0	8 3	327
28 3	69 1	6981.0	425 0	-22 5	-27 8	205 6	5 3	2 3	4 7	320 1	323 2	0 9	61 7	9 0	330
29 9	72 6	7423 1	400 0	-26 1	-31 6	263 1	2 8	2 8	0 3	321 0	323 3	0 7	59 6	9 1	332
32 9	76 1	7885 6	375 0	-30 7	-36 9	1 1	5 4	-0 1	-5 4	321 0	322 5	0 4	54 1	8 6	331
36 1	79 7	8370 9	350 0	-33 2	-39 7	355 4	8 9	0 7	-8 9	324 0	325 2	0 3	51 7	7 4	325
38 3	83 5	8890 3	325 0	-37 5	-44 1	350 8	10 2	1 6	-10 0	325 1	325 9	0 2	49 4	6 3	320
40 4	87 5	9437 3	300 0	-42 3	99 9	355 8	12 5	0 9	-12 4	325 8	999 9	99 9	999 9	5 2	311
43 8	91 7	10019 3	275 0	-47 1	99 9	358 3	14 2	0 4	-14 2	327 0	999 9	99 9	999 9	3 9	280
47 1	96 0	10643 4	250.0	-51 9	99 9	358 4	14 9	0 4	-14 9	328 9	999 9	99 9	999 9	4 3	238
50 7	100 7	11318.1	225 0	-57 4	99 9	999 9	99 9	99 9	99 9	330 6	999 9	99 9	999 9	999 9	999
54 0	105 8	12053 5	200 0	-60 9	99 9	999 9	99 9	99 9	99 9	336 3	999 9	99 9	999 9	999 9	999
57 8	111 2	12878 6	175 0	-62 7	99 9	304 1	18 8	15 5	-10 5	346 4	999 9	99 9	999 9	11 3	181
62 5	117 0	13837 1	150 0	-60 7	99 9	289 6	18 3	17 3	-6 2	365 5	999 9	99 9	999 9	14 7	162
67 3	123 5	14967.6	125 0	-62 9	99 9	278 6	13 9	13 8	-2 1	381 2	999 9	99 9	999 9	17 7	149
73 9	131 0	16330.9	100 0	-64 6	99 9	281 3	14 8	14 5	-2 9	402 9	999 9	99 9	999 9	21 2	138
82 0	139.3	18085 3	75 0	-64 5	99 9	300 9	9 7	8 4	-5 0	437 7	999 9	99 9	999 9	27 1	130
93 0	148 7	20584 1	50 0	-60 2	99 9	298 3	4 7	4 2	-2 2	501 7	999 9	99 9	999 9	30 6	131
111 1	158 5	24984.8	25 0	-53 1	99 9	252 7	4 3	4 1	1 3	832 4	999 9	99 9	999 9	30 5	133

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 8
BROWNWOOD, TEXAS

1 MAY 1982
1400 GMT

151 20 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 0	502.3	983.8	15 5	15 3	90 0	2.0	-2 0	0 0	291 7	321 3	11 5	99 0	0 0	0
99 9	99 9	99.9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 4	11 2	824 3	950.0	14.9*	99.9	999 9	99 9	99 9	99 9	292 3	999 9	99 9	999 9	999 9	999
1 3	13 5	849 9	925.0	13 7	12 8	999 9	99 9	99 9	99 9	293 4	319 9	10 1	94 3	999 9	999
2 2	15 8	1081 2	900.0	13 0	11 9	999 9	99 9	99 9	99 9	294 9	320 8	9 8	92 8	999 9	999
3 1	18 2	1318.1	875 0	11 7	10 7	999 9	99 9	99 9	99 9	295 0	320 6	9 3	93 3	999 9	999
3 9	20 5	1560.5	850 0	9 6	7 6	999 9	99 3	99 9	99 9	296 2	317 1	7 8	87 4	999 9	999
4 7	22 9	1807 7	825.0	7 8	5 2	999 9	99 9	99 9	99 9	296 8	315 2	6 8	83 9	999 9	999
5 5	25 4	2062 1	800 0	7 7	4 7	174 2	6 7	-0 7	6 7	299 3	317 8	6 7	81 6	2 4	310
6 3	27 8	2324 0	775 0	6 7	2 6	184 5	6 7	0 5	6 7	301 0	317 6	6 0	74 9	2 6	315
7 2	30 3	2592 6	750 0	4 5	1 0	189 8	7 5	1 3	7 3	301 5	316 9	5 5	78 2	2 8	32.
8 1	32 8	2868 3	725 0	2 6	0 6	187 4	7 7	1 0	7 7	302 3	317 8	5 5	86 4	3 1	327
8 9	35 3	3151 7	700 0	0 8	-0 1	186 3	7 9	0 9	7 8	303 4	318 8	5 4	93 2	3 4	331
10 0	37 9	3443.6	675 0	-0 4	-1 2	183 9	7 2	0 5	7 2	305 2	320 0	5 2	94 6	3 8	335
10 9	40 6	3745 2	650 0	-2 2	-3 0	178 3	6 5	-0 2	6 5	306 5	320 2	4 7	94 1	4 2	338
11 9	43 3	4056 3	625.0	-3 9	-4 8	179 1	4 9	-0 1	4 9	308 0	320 6	4 3	93 8	4 5	339
13 0	46 0	4378 1	600 0	-5 3	-6 0	188 1	4 3	0 6	4 2	310 0	322 1	4 1	94 9	4 8	340
14 1	48 9	4711.8	575.0	-6 8	-7 7	199 7	3 8	1 3	3 5	312 1	323 3	3 7	93 0	5 0	342
15 5	51 7	5058 3	550 0	-8 8	-9 7	199 6	3 6	1 2	3 4	313 9	324 1	3 3	91 6	5 2	344
16 8	54 6	5417 8	525 0	-11 0	-12 2	203 4	4 0	1 6	3 6	315 2	324 0	2 9	90 7	5 5	346
18 3	57 6	5791 0	500 0	-13 9	-15 8	196 0	3 8	1 1	3 6	316 1	323 2	2 3	87 3	5 7	348
20 0	60 8	6179.2	475.0	-16 3	-20 3	219 1	3 0	1 9	2 4	317 8	323 0	1 6	71 1	6 1	350
21 8	63 9	6584 1	450.0	-19 0	-25 1	271 9	3 4	3 4	-0 1	319 4	323 0	1 1	58 4	6 2	352
23 2	67 1	7006.8	425 0	-22 8	-30.4	319 0	4 9	3 2	-3 7	319 8	320 9	0 3	22 2	5 9	355
24 8	70 5	7449.0	400 0	-25 7	-44 8	336 0	3 7	2 7	-6 2	321 6	322 2	0 2	14 7	5 4	357
26 5	73 9	7914 1	375 0	-28 2	-40 9	341 6	8 1	2 6	-7 7	324 3	325 3	0 3	28 2	4 6	0
28 4	77 5	8405 8	350 0	-32 0	-45 2	342 1	7 7	2 3	-7 3	325 6	326 3	0 2	25 4	3 8	4
30 5	81 3	8924 7	325 0	-36 2	-48 2	331 9	8 5	4 0	-7 5	326 8	327 3	0 1	27 6	3 0	13
32 5	85 2	9475 0	300 0	-40 6	99 9	337 4	9 5	3 8	-8 7	328 1	999 9	99 9	999 9	2 3	31
34 7	89 3	10061 2	275 0	-45 7	99 9	335 1	10 6	4 5	-9 6	329 1	999 9	99 9	999 9	1 8	68
36 8	93 7	10688 7	250 0	-51 1	99 9	332 8	9 0	4 1	-8 0	330 2	999 9	99 9	999 9	2 3	102
39 1	98 2	11364 5	225.0	-56 8	99 9	329 9	10 7	5 4	-9 3	331 4	999 9	99 9	999 9	3 2	119
41 7	103 2	12101.3	200 0	-60 3	99 9	316 2	17 0	11 7	-12 3	337 3	999 9	99 9	999 9	5 1	129
44 6	108 6	12923.8	175.0	-65 6	99 9	306 2	20 0	16 2	-11 8	341 7	999 9	99 9	999 9	8 5	129
48 4	114 5	13878 9	150 0	-59.1	99 9	293 5	20 1	18 5	-8 0	368 3	999 9	99 9	999 9	13 1	126
52 6	121 0	15016 2	125.0	-60 7	99 9	289 4	16 2	15 3	-5 4	385 1	999 9	99 9	999 9	17 8	121
57 5	128 3	16389 6	100 0	-64 5	99 9	290 7	13 2	12 4	-4 7	403 1	999 9	99 9	999 9	21 6	119
63 6	137 0	18151 6	75.0	-62 9	99 9	289 3	8 7	8 2	-2 9	443 0	999 9	99 9	999 9	26 5	119
71 7	148 7	20872 2	50 0	-59 0	99 9	294 9	3 3	3 0	-1 4	504 5	999 9	99 9	999 9	28 0	119
84 4	157 0	25066 0	25.0	-52 4	99 9	319 9	3 0	2 0	-2 3	634 0	999 9	99 9	999 9	27 6	122

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 8
BROWNWOOD, TEXAS

1 MAY 1982
1700 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 T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	502.3	964.4	17.3	15.6	120.0	2.0	-1.7	1.0	293.5	323.9	11.7	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	11.3	830.4	950.0	15.2	14.1	94.5	5.2	-5.1	0.4	292.7	320.6	10.7	93.1	0.1	246
1.3	13.6	856.3	925.0	13.6	12.9	105.9	5.2	-5.0	1.4	293.2	319.9	10.2	95.7	0.3	267
2.0	15.9	1087.1	900.0	12.1	11.3	125.9	5.8	-4.7	3.4	293.9	318.8	9.4	95.4	0.6	277
2.8	18.3	1323.4	875.0	11.2	8.5	160.6	6.2	-2.0	5.8	295.4	316.7	8.0	83.4	0.8	293
3.6	20.7	1565.2	850.0	9.7	5.7	175.5	7.3	-0.6	7.3	296.3	314.7	6.8	76.1	1.0	309
4.8	23.1	1813.3	825.0	9.4	3.4	171.9	9.1	-1.3	9.0	298.5	314.9	5.9	66.0	1.4	324
5.6	25.5	2066.2	800.0	7.9	1.1	172.2	9.9	-1.4	9.8	299.6	314.1	5.2	62.0	1.9	331
6.6	28.0	2329.5	775.0	6.1	4.1	193.4	9.1	2.1	8.9	300.4	318.7	6.6	86.8	2.4	338
7.5	30.5	2598.2	750.0	4.4	3.7	161.2	6.2	-2.0	5.8	301.3	319.8	6.7	95.0	2.8	341
8.4	33.0	2873.9	725.0	2.9	2.1	205.4	5.8	2.5	5.3	302.6	319.9	6.2	94.5	3.0	344
9.5	35.7	3158.0	700.0	1.6	0.9	219.1	3.4	2.2	2.7	304.2	320.7	5.8	95.1	3.2	348
10.8	38.2	3450.7	675.0	-0.1	-1.6	213.4	2.3	1.3	2.0	305.6	320.1	5.1	89.4	3.4	351
11.8	40.9	3752.5	650.0	-1.7	-3.7	237.9	2.1	1.8	1.1	307.0	320.0	4.5	86.1	3.5	352
12.9	43.7	4064.0	625.0	-3.4	-7.1	274.8	1.8	1.8	-0.2	308.5	319.1	3.6	75.4	3.5	354
14.2	46.4	4386.2	600.0	-5.2	-8.2	277.7	2.7	2.7	-0.4	310.2	320.4	3.4	78.8	3.4	357
15.4	49.2	4719.9	575.0	-6.5	-11.7	269.4	3.2	3.2	0.0	312.4	320.7	2.7	66.3	3.4	1
16.6	52.1	5066.2	550.0	-8.6	-14.2	228.3	3.8	2.8	2.5	313.6	320.8	2.3	65.1	3.5	4
18.1	55.1	5424.6	525.0	-12.2	-14.9	211.9	5.1	2.7	4.3	313.8	320.9	2.3	80.4	3.8	7
19.5	58.1	5796.6	500.0	-14.4	-21.5	220.3	4.8	3.1	3.7	315.5	319.9	1.4	54.5	4.2	10
21.0	61.3	6185.1	475.0	-15.4	-24.4	236.4	2.6	2.2	1.4	319.0	322.7	1.1	46.9	4.5	12
22.5	64.4	6592.8	450.0	-16.8	-36.3	274.8	3.3	3.3	-0.3	322.1	323.5	0.4	16.4	4.6	15
23.9	67.9	7016.8	425.0	-20.5	-35.6	300.9	4.0	3.4	-2.0	322.7	324.2	0.4	24.5	4.6	19
25.5	71.3	7464.8	400.0	-23.8	-35.6	342.9	3.7	1.1	-3.5	324.0	325.6	0.4	32.1	4.4	23
27.2	75.0	7932.3	375.0	-27.5	-43.8	351.6	5.8	0.8	-5.8	325.2	326.0	0.2	19.2	4.0	26
29.1	78.8	8424.9	350.0	-31.7	99.9	345.7	7.3	1.8	-7.1	326.1	999.9	99.9	999.9	3.4	34
31.0	82.8	8944.4	325.0	-38.1	-52.7	328.3	8.2	4.3	-7.0	326.9	327.2	0.1	16.0	3.0	48
33.0	87.0	9494.2	300.0	41.1	99.9	313.4	9.0	6.5	-6.2	327.5	999.9	99.9	999.9	3.1	66
35.1	91.3	10079.1	275.0	-46.5	99.9	300.9	10.6	9.1	-5.4	327.9	999.9	99.9	999.9	4.0	82
37.3	96.0	10703.7	250.0	-52.1	99.9	297.6	9.9	8.8	-4.6	328.6	999.9	99.9	999.9	5.1	91
39.6	100.8	11377.8	225.0	-57.5	99.9	297.2	13.6	12.1	-6.2	330.4	999.9	99.9	999.9	6.5	97
42.1	105.8	12115.5	200.0	-60.9	99.9	296.5	17.2	15.4	-7.7	336.3	999.9	99.9	999.9	8.8	103
44.9	111.4	12941.5	175.0	-61.5	99.9	292.1	20.9	19.4	-7.9	348.4	999.9	99.9	999.9	12.0	105
48.3	117.2	13902.0	150.0	-59.8	99.9	299.2	18.6	16.2	-9.1	367.1	999.9	99.9	999.9	16.0	109
52.0	124.0	15035.2	125.0	-62.0	99.9	288.4	16.7	15.8	-5.3	392.7	999.9	99.9	999.9	20.0	110
56.4	131.7	16405.4	100.0	-62.8	99.9	290.2	12.4	11.6	-4.3	406.5	999.9	99.9	999.9	23.8	109
61.6	140.0	18178.0	75.0	-62.0	99.9	291.2	7.4	6.9	-2.7	442.9	999.9	99.9	999.9	26.6	110
66.6	149.5	20092.8	50.0	-60.4	99.9	[illegible]	3.7	-0.1	-3.7	501.1	999.9	99.9	999.9	28.3	111
80.3	159.7	25136.2	25.0	-50.7	99.9	143.0	3.6	-2.2	2.9	639.2	999.9	99.9	999.9	27.8	112

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

STATION NO 8
BROWNWOOD, TEXAS

1 MAY 1982
2000 GMT

17 798 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	502.3	983.4	21.8	18.2	0.0	0.0	0.0	0.0	298.1	334.5	13.8	80.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	11.4	823.5	950.0	19.9	99.9	67	2.1	-1.9	-0.8	297.4	999.9	99.9	999.9	0.1	234
1.0	13.7	852.0	925.0	16.1	12.4	11.8	2.9	-2.7	1.2	295.8	321.9	9.8	78.3	0.2	252
1.8	16.1	1084.7	900.0	14.3	10.2	135.4	3.7	-2.6	2.6	296.3	319.6	8.7	76.3	0.3	280
2.7	18.5	1322.4	875.0	12.7	8.3	167.8	4.0	-0.9	3.9	296.9	318.2	7.9	74.9	0.5	300
3.7	20.9	1565.1	850.0	9.9	6.6	165.1	3.5	0.3	3.5	296.5	316.0	7.2	79.8	0.6	319
4.6	23.3	1812.8	825.0	7.9	5.0	999.9	99.9	99.9	99.9	297.0	315.0	6.6	81.7	999.9	999
6.5	25.8	2066.6	800.0	7.4	-1.6	999.9	99.9	99.9	99.9	299.0	311.2	4.3	53.5	999.9	999
99.9	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
99.9	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
99.9	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
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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

STATION NO 8
BROWNWOOD, TEXAS

1 MAY 1982
2044 GMT

155 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	PANGC KM	AZ DG
0.0	10.2	502.3	962.8	21.2	16.4	130.0	3.0	-2.3	1.9	297.6	330.0	12.3	74.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.2	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	11.4	617.6	950.0	18.6*	99.9	98.8	3.1	-3.1	0.5	298.1	999.9	99.9	999.9	0.1	231
1.2	13.6	845.4	925.0	15.8	11.1	98.8	3.4	-3.4	0.5	295.5	319.5	9.0	73.4	0.2	255
2.2	16.0	1077.6	900.0	14.2	9.6	133.6	4.1	-3.0	2.8	296.1	318.6	8.4	74.1	0.4	277
3.1	18.3	1315.3	875.0	12.7	7.4	156.4	5.6	-2.2	5.1	297.0	317.1	7.4	70.2	0.6	297
3.9	20.7	1558.4	850.0	11.1	5.0	170.6	5.7	-0.9	5.6	297.8	315.5	6.5	66.0	0.8	312
4.8	23.1	1807.0	825.0	8.9	3.5	187.6	4.8	0.6	4.8	298.0	314.5	6.0	68.7	1.0	324
5.9	25.5	2061.3	800.0	7.1	2.2	184.2	6.1	0.4	6.1	298.8	314.3	5.6	71.1	1.3	334
7.0	27.9	2322.2	775.0	6.2	-2.2	188.2	8.7	1.2	8.6	300.5	312.4	4.2	55.0	1.7	341
8.1	30.4	2590.5	750.0	4.7	-1.8	201.6	10.1	3.7	9.4	301.7	314.4	4.5	62.9	2.3	351
9.2	33.0	2866.3	725.0	3.0	0.2	208.1	7.7	3.6	6.8	302.8	318.0	5.4	81.5	2.8	358
10.3	35.5	3151.0	700.0	2.0	-0.9	213.4	5.6	3.1	4.7	304.8	319.4	5.1	80.9	3.2	2
11.4	38.1	3443.9	675.0	-0.0	-2.5	222.2	3.3	2.2	2.4	305.7	319.3	4.7	83.5	3.4	5
12.6	40.7	3745.6	650.0	-2.0	-3.2	225.2	2.1	1.5	1.5	306.7	320.2	4.7	91.1	3.6	7
13.7	43.4	4056.6	625.0	-4.4	-5.6	999.9	99.9	99.9	99.9	307.5	319.3	4.0	91.1	999.9	999
15.0	46.1	4377.5	600.0	-5.9	-9.0	999.9	99.9	99.9	99.9	309.2	318.9	3.2	78.7	999.9	999
16.3	48.9	4709.9	575.0	-7.8	-12.9	999.9	99.9	99.9	99.9	310.9	318.5	2.5	66.6	999.9	999
17.6	51.8	5055.1	550.0	-9.1	-14.8	253.1	4.1	3.9	1.2	313.3	320.1	2.2	63.5	4.0	16
18.9	54.7	5414.2	525.0	-10.8	-18.5	251.4	5.1	4.6	1.6	315.4	320.8	1.7	52.9	4.2	20
20.3	57.6	5788.1	500.0	-12.6	-23.2	251.6	5.4	5.1	1.7	317.6	321.5	1.2	40.5	4.5	24
21.8	60.7	6177.5	475.0	-15.6	-25.5	282.1	4.5	4.4	-0.9	318.6	322.0	1.0	42.2	4.8	29
23.4	63.9	6583.4	450.0	-18.2	-27.3	318.5	4.0	2.6	-3.0	320.3	323.3	0.9	44.7	4.8	34
25.1	67.0	7008.3	425.0	-20.8	-31.6	339.0	5.4	1.9	-5.0	322.3	324.5	0.6	37.0	4.6	38
26.9	70.4	7453.7	400.0	-24.2	-35.3	316.4	6.7	4.8	-4.8	323.6	325.3	0.5	34.6	4.4	47
28.7	73.9	7920.6	375.0	-28.3	-39.5	314.1	6.9	5.0	-4.8	324.2	325.4	0.3	33.0	4.5	56
30.5	77.3	8411.3	350.0	-32.7	-43.4	304.9	8.1	6.7	-4.7	324.7	325.6	0.2	32.8	4.7	65
32.2	81.0	8928.9	325.0	-36.1	-48.1	293.6	12.0	11.0	-4.8	327.0	327.5	0.1	27.3	5.4	73
34.2	84.9	9478.4	300.0	-41.4	99.9	291.2	13.8	12.9	-5.0	327.0	999.9	99.9	999.9	6.8	82
36.4	89.0	10062.1	275.0	-46.6	99.9	289.1	13.5	12.8	-4.4	327.8	999.9	99.9	999.9	8.3	88
38.7	93.2	10687.0	250.0	-51.8	99.9	284.7	15.9	15.4	-4.0	329.1	999.9	99.9	999.9	10.3	92
41.3	97.8	11363.0	225.0	-56.0	99.9	283.0	17.3	16.9	-3.9	332.8	999.9	99.9	999.9	12.7	94
44.0	102.6	12104.9	200.0	-60.1	99.9	287.8	20.8	19.8	-6.4	337.6	999.9	99.9	999.9	15.7	96
47.0	108.0	12936.6	175.0	-60.1	99.9	288.9	23.2	21.9	-7.5	350.7	999.9	99.9	999.9	19.8	99
50.2	113.7	13895.7	150.0	-61.5	99.9	292.0	21.3	19.7	-8.0	364.1	999.9	99.9	999.9	24.1	101
54.1	120.2	15018.5	125.0	-64.1	99.9	289.6	21.8	20.6	-7.3	379.0	999.9	99.9	999.9	29.0	103
58.7	127.7	16384.7	100.0	-65.2	99.9	295.1	15.1	13.7	-6.4	401.8	999.9	99.9	999.9	33.8	104
64.3	136.3	18143.8	75.0	-65.0	99.9	292.4	9.5	8.8	-3.6	436.8	999.9	99.9	999.9	37.8	105
71.7	146.3	20644.4	50.0	-59.2	99.9	303.0	4.2	3.5	-2.3	504.1	999.9	99.9	999.9	39.9	106
83.9	157.5	25063.8	25.0	-51.6	99.9	326.9	6.0	3.3	-5.1	636.6	999.9	99.9	999.9	39.8	108

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STATION NO. 8
BROWNWOOD, TEXAS

1 MAY 1982
2300 GMT

153 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10.1	502.3	961.7	21.2	16 0	130 0	3.0	-2 3	1 9	297.7	329 3	12 0	72.0	0 0	0
99.9	99.9	99.9	1000 0	99 9	99 9	99.9	99.9	99 9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	975 0	99.9	99.9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.3	11.2	608.3	950 0	19.8*	13 0	999 9	99.9	99 9	99 9	297 3	323 9	10 0	64 8	999 9	999
1.2	13.5	837.2	925.0	16.9	12 4	999 9	99.9	99.9	99 9	296 6	322.8	9 9	75 1	999 9	999
2 2	15.9	1070.5	900.0	15 1	12 8	999.9	99 9	99 9	99 9	297 1	324 8	10 4	86 3	0 5	262
3.1	18.3	1308.9	875.0	12.9	11 8	90.2	3 9	-3 9	0 0	297 2	323.8	10 0	93 1	0 9	261
4 0	20.6	1552.4	850 0	11.0	9.7	128 7	3 7	-2.9	2 3	297 7	321 8	9 0	91 7	1 0	265
5 0	23 1	1801.2	825.0	9 2	7.2	161 6	5.8	-1 8	5 5	298 4	319 5	7 8	87 2	1 1	279
6.0	25 5	2056.4	800 0	7 9	4 9	174 7	7.4	-0 7	7 4	299 6	318 3	6 8	81 2	1 4	296
7.3	27 9	2318.0	775.0	6.3	3.2	193 6	7.6	1 8	7 4	300 6	317 9	6 2	80 7	1 7	314
8.5	30 4	2586.6	750.0	4 9	-1 0	216 1	7.4	4 3	6 0	302 0	315 4	4 8	65 4	1 9	330
9 5	33.0	2862.7	725 0	3 3	1 0	220.2	5.8	3 7	4 4	303 1	319 2	5 7	85 1	2 1	341
10.6	35 6	3147.5	700.0	2.0	-0 6	219 7	4.2	2.7	3 2	304.7	319.7	5 3	82.9	2 3	348
11.7	38.2	3440.6	675.0	0.5	-2.8	200.5	2.5	0 9	2 3	306 2	319 6	4 6	78 6	2 4	352
12.9	40 9	3742.7	650.0	-1 6	-3 5	181.5	1 3	0 0	1 3	307 2	320 4	4 5	86 3	2 5	352
14.2	43.6	4055.1	625 0	-2.0	-6 6	253 3	2 1	2 0	0 6	310 1	321.2	3 7	70 8	2 6	354
15.6	46 3	4378.5	600.0	-4.3	-9 5	252 6	2 5	2 4	0 8	311 2	320 6	3 1	66 8	2 6	359
16.9	49.1	4712.7	575 0	-6.8	-11 5	240 9	3.1	2 7	1 5	312 0	320.4	2 8	68 9	2 7	3
18.2	52.0	5058.1	550.0	-9 6	-13 2	239.4	3 3	2 8	1.7	312 7	320.4	2 5	74 8	2 8	7
19 7	54 9	5417.1	525.0	-10.6	-16.7	280 3	3 4	3 4	-0 6	315.7	321 9	2 0	60 5	3 0	12
21.1	57 9	5791.5	500.0	-12 5	-21 7	317 5	4.0	2 7	-3 0	317 8	322 1	1 3	45 9	2 9	18
22.7	61.0	6182.3	475.0	-13.8	-25.0	327 3	4 7	2 6	-4 0	321.0	324 5	1 0	37 7	2 6	25
24.2	64.0	6591.0	450.0	-17 2	-27.7	314.2	5 7	4 1	-4 0	321 6	324 5	0 9	39 3	2 4	35
25.6	67 3	7017.4	425.0	-20 1	-31 6	304.7	6 9	5 7	-3 9	323 2	325 4	0 6	34 7	2 5	48
27 5	70.6	7463.4	400.0	-24 0	-36 2	301.2	8.5	7 3	-4 4	323.8	325 3	0 4	31 1	2 8	64
29.4	74 0	7930.6	375.0	-27 9	-39.1	293 2	10 4	9 5	-4 1	324 7	325 9	0 3	33 2	3 5	78
31.4	77 4	8422.8	350.0	-31 7	-43.8	292 0	11.9	11 0	-4 4	326 0	326.8	0 2	29 0	4 8	87
33.4	81.1	8941.5	325.0	-36.3	-47.3	286.8	11 4	10 9	-3 3	326 6	327 2	0 2	31 0	6 1	92
35.4	85 0	9491.0	300.0	-41.0	99 9	294.1	11.0	10 0	-4 5	327 6	999 9	99 9	999 9	7 3	95
37.5	89 0	10076.2	275.0	-46.0	99.9	291 0	13 4	12 5	-4 8	328 6	999 9	99 9	999 9	8 8	99
39.8	93.3	10704.1	250.0	-50 6	99 9	284.6	17.9	17 3	-4 5	330 9	999 9	99 9	999 9	10 8	100
42.1	97.8	11385.1	225.0	-54 7	99 9	287.9	20 9	19 8	-6 4	334 7	999 9	99 9	999 9	13 5	101
44.7	102 8	12131.5	200.0	-58 6	99.9	289.1	25 1	23 7	-8 2	340 0	999 9	99.9	999 9	17 2	103
47.5	107.8	12964.3	175.0	-61 1	99 9	290.6	23 3	21 8	-8 2	349 1	999 9	99 9	999 9	21 1	104
50.7	113.7	13916.6	150.0	-62 5	99.9	293.0	23 1	21 2	-9 0	362 5	999 9	99 9	999 9	25 6	105
54.2	120.0	15037.7	125.0	-63 9	99 9	292.1	23 3	21 6	-8 8	379.3	999 9	99 9	999 9	30 4	107
58 5	127.3	16403 8	100.0	-65 4	99.9	299.1	17 7	15 4	-8 6	401 4	999 9	99 9	999 9	36 2	108
64.0	136 0	18152.7	75 0	-64 3	99 9	295 3	3 4	7 6	-3 6	436 1	999.9	99 9	999 9	43 0	109
71 7	146.0	20656.7	50.0	-59 9	99.9	9.3	3 4	-0 6	-3 4	502 3	999 9	99 9	999 9	41 8	110
83.7	157.0	25066.7	25.0	-54 6	99 9	45.2	6 3	-4.5	-4 5	627 6	999 9	99 9	999 9	41 3	114

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 8
BROWNWOOD, TEXAS

2 MAY 1982
202 GMT

153 18 C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 3	502 3	981 7	18 8	16 4	100 0	2 0	-2 0	0 3	295 2	327 4	12 3	80 0	0 0	0
99.9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999.9	99 9	999 9	999 9	999
0 3	11 4	607.4	950 0	18 5	99 9	999 9	99 9	99 9	99 9	296 0	999 9	99 9	999 9	999 9	999
1 2	13.7	835.4	925 0	16 8	99 9	999 9	99 9	99 9	99 9	296 5	999 9	99 9	999 9	999 9	999
2 1	16.2	1068 7	900 0	14 9	13 7	999 9	99 9	99 9	99 9	296 9	328 2	11 1	92 9	999 9	999
2 9	18.6	1307 2	875 0	13 1	12 2	999 9	99 9	99 9	99 9	297 4	324 8	10.3	94 2	999 9	999
3 8	21.1	1550.8	850 0	10 9	10 0	999.9	99 9	99 9	99 9	297 6	322 0	9 1	93 7	999 9	999
4 8	23 5	1800 2	825 0	9 7	8 4	170 4	5 8	-1 0	5 7	298 9	321 8	8 5	91 5	1 8	295
5 7	26.0	2055 5	800 0	8 0	6 9	999 9	99 9	99 9	99 9	299 7	321 1	7 8	92 1	2 0	302
6 7	28.6	2317 6	775 0	6 9	4 6	999 9	99 9	99 9	99 9	301 2	320 3	6 9	85 6	999 9	999
7 5	31.1	2586.6	750 0	5 1	2 1	999 9	99 9	99 9	99 9	302 2	318 9	6 0	81 0	999 9	999
8 5	33 8	2863.0	725 0	3.4	0 1	999 9	99 9	99 9	99 9	303 2	318 4	5 4	79 0	999 9	999
9 5	36.4	3147.6	700.0	2.1	-0 7	999 9	99 9	99.9	99 9	304 9	319 7	5 2	81 3	999 9	999
10 4	39.1	3440.7	675 0	0 4	-2 4	999 9	99.9	99 9	99 9	306 1	319 9	4 8	81 5	999 9	999
11 5	41.9	3742.7	650.0	-1 9	-3 0	999 9	99 9	99 9	99 9	306 8	320 5	4 7	91 8	999 9	999
12.5	44 7	4054.8	625.0	-2 4	-6 5	999 9	99 9	99 9	99 9	309 7	320 9	3 8	73 5	2 9	342
13 6	47 4	4378.1	600 0	-4.5	-9 2	219 8	1.8	1 2	1 4	310 9	320 5	3 2	69 4	2 9	344
14 6	50 3	4712.1	575 0	-6 9	-10 3	235 3	2.3	1 9	1 3	311 9	321 1	3 0	76 6	3 0	346
15 9	53.3	5057.8	550 0	-9.2	-13 4	287 7	2 2	2 1	-0 7	313 1	320 8	2 5	71 8	3 0	349
17 1	56.3	5417.4	525.0	-9 9	-17 5	350 2	2 3	0 4	-2 2	316 5	322 4	1 8	53 6	2 9	350
18.4	59.4	5793 0	500 0	-11 5	-24 2	346.4	4 J	1 2	-4 8	319 0	322 5	1 1	33 8	2 7	350
19.7	62.4	6184.1	475 0	-14 4	-27 7	323 9	6 6	3 9	-5 4	320 1	322 9	0 8	31 2	2 2	353
21 1	65.6	6591.5	450.0	-17 7	-31 8	303 8	7.7	6.4	-4 3	321 0	323 0	0 6	27 8	1 8	6
22 6	68 9	7016.7	425 0	-20 9	-40 5	299 4	9.7	8 5	-4 8	322 2	323 2	0 3	15 1	1 6	31
24 0	72.3	7462.1	400 0	-24 0	-43 9	303 2	9 9	8 2	-5 4	323 8	324 5	0 2	13 9	1 9	59
25 6	75 9	7929.5	375 0	-27 7	-46 1	306.8	10.0	8 1	-6 0	325 0	325 6	0 2	15 2	2 4	81
27.2	79.5	8421 3	350 0	-32 0	-49 7	303.5	10 7	9.0	-5 9	325 6	326 0	0 1	15 1	3 2	93
28 8	83.3	8939.8	325 0	-36 6	-53 5	208 0	11.7	10 3	-5 5	326 3	326 6	0.1	15 3	4 2	100
30 5	87.3	9489.1	300 0	-41 4	99 9	292 8	12 5	11 6	-4 9	327 0	999 9	99 9	999 9	5 4	103
32.5	91.4	10074 3	275 0	-45 4	99 9	291.2	17.3	16 1	-8 3	329 5	999 9	99.9	999 9	7 0	105
34 5	95.8	10704.8	250 0	-49 4	99 9	291 8	26.1	24 2	-9 7	332 7	999 9	99 9	999 9	9 6	107
36.5	100.4	11387.6	225 0	-54.5	99 9	292 2	29 7	27 5	-11 2	335 0	999 9	99 9	999 9	13 1	108
38.3	105.4	12133 3	200 0	-59.5	99 9	290 2	27.3	25 6	-9 4	338 5	999 9	99 9	999 9	16 3	109
40.1	110 8	12958 8	175 0	-62 8	99 9	290 1	24.9	23 4	-8 6	346 4	999 9	99 9	999 9	19 0	109
42 1	116.7	13910.6	150 0	-62.0	99 9	292.1	24 0	22 2	-9 0	363 4	999 9	99 9	999 9	21 9	109
44 9	123.2	15033 0	125 0	-64 7	99 9	294 0	21 6	19 7	-8 8	377 8	999 9	99 9	999 9	25 8	110
48 5	130.7	16395 2	100 0	-65 1	99 9	301 5	13 7	11 7	-7 2	402 1	999 9	99 9	999 9	29 7	111
53 4	139.0	18148.3	75 0	-63 8	99 9	294 8	6.2	5 6	-2 6	439 5	999 9	99 9	999 9	32 6	112
60 5	149.0	20638 8	50 0	.	99 9	18 9	4 5	-1.5	-4 3	497 1	999 9	99 9	999 9	33 4	112
71.9	159.5	25052 9	25.0	5	99 9	209.7	2 9	1.4	2 5	633 5	999 9	99 9	999 9	31 8	116

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 8
BROWNWOOD, TEXAS

2 MAY 1982
500 GMT

156 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	502.3	983.1	16.7	15.6	110 0	3 0	-2 8	1 0	293.0	323 2	11 7	93.0	0 0	0
99.9	99.9	99.9	1000.0	99 9	99.9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	975.0	99.9	99.9	99.9	99.9	99 9	99.9	99 9	999.9	99 9	993 9	999 9	999
0.4	11.5	619.5	950.0	16 6	14.5	999 9	99 9	99 9	99 9	294 1	323 0	11 1	87 7	999 9	999
1.3	13.9	847.1	925.0	16.0	15 0	999 9	99.9	99.9	99 9	295.7	326.5	11 7	93 8	999 9	999
2.1	16.3	1080.3	900.0	14 6	13.5	141 4	11.8	-7.4	9 2	296 6	325 3	10 9	92 9	1 3	308
3.0	18.8	1318.6	875.0	13 5	11.1	147 4	9.0	-4.8	7.6	297 8	323 3	9 6	85 5	1 8	314
3 9	21.2	1562.6	850.0	11.7	10.5	158.5	3 3	-2.3	5 9	298.5	323.9	9 5	92.3	2 2	316
4.8	23.6	1812.5	825.0	10 3	8 7	185 4	5.9	0.6	5.9	299 5	322 8	8 6	89 8	2 5	320
5.7	26.1	2068.4	800.0	9 0	6.9	204 2	5.8	2.4	5.3	300 7	322 1	7 8	86 6	2 7	326
6.7	28.6	2331.2	775.0	7 1	5.1	210 5	5.0	2 5	4.3	301 4	321.1	7 1	87 0	2 [illegible]	332
7.7	31.2	2600.6	750.0	5.4	3.7	219.3	3 9	2 5	3 0	302 5	321.1	6 7	88 8	3	337
8.7	33.7	2877.9	725 0	4.6	1.5	200.[illegible]	3 7	1 2	3 4	304.5	321 2	5 9	80 1	3 1	340
9 9	36 4	3163.3	700.0	2 3	-0 5	185 5	3 9	0 4	3 9	305 1	320.2	5 3	81 5	3 3	342
10.8	39.1	3456.4	675.0	0 3	-3 1	190.4	2 6	0 5	2 5	306 0	319.0	4 5	77 7	3 5	344
12.0	41.8	3758 0	650.0	-2 2	-3.5	195 0	2 1	0 5	2 0	306 5	319 6	4 5	90 8	3.6	345
13.3	44 6	4069 1	625.0	-3.4	-5 9	218.8	1 9	1 2	1 5	308 6	320 2	3 9	83 0	3 7	346
14.5	47 3	4391.7	600.0	-4.8	-9 8	242 9	2 5	2 2	1 1	310 6	319 8	3 0	67 9	3 8	348
15.8	50.1	4725.4	575.0	-7 0	-12.2	228 9	3 0	2 2	1 9	311.9	319 8	2 6	66 1	3 9	351
17.1	53 1	5071.0	550.0	-8 9	-15 1	219 7	1.7	1 1	1 3	313 5	320 2	2 2	60 9	4 0	354
18.3	56.0	5431.6	525.0	-8.8	-24 7	334.3	2.1	0 9	-1 9	317.9	321 1	1 0	26 1	4 0	354
19 8	58 1	5807.7	500.0	-11.5	-28 0	334 7	4 1	1 7	-3 7	319.0	321 6	0 8	24 0	3 7	355
21 3	62.1	6198.4	475.0	-14.9	-29 1	308 2	4 0	3.2	-2 5	319 5	322 0	0 7	28 4	3 4	358
22.8	65.4	6605.1	450.0	-17.9	-35 9	304 1	6 5	5.4	-3 7	320.8	322 2	0 4	19 2	3 2	4
24 2	68.6	7030.7	425.0	-20 3	-40.5	317.1	6 7	4.6	-4 9	323 0	323 9	0 3	14 3	2 9	14
25.8	72.0	7476.6	400.0	-23.9	-42.8	314.9	7.0	5 0	-5 0	323.9	324 7	0 2	15 6	2 6	26
27.6	75.6	7943.8	375.0	-28 2	-46.3	308.4	9.0	7 0	-5 6	324 2	324.8	0 2	15 6	2 5	45
29.4	79.1	8434.9	350.0	-31.7	-49 3	309 9	7 9	6 1	-5 1	326 0	326 4	0 1	15 5	2 8	65
31.3	83 0	8953.9	325.0	-36 1	-53.0	301 1	9 0	7 7	-4 6	327 0	327.3	0 1	15 3	3 3	79
33.3	86.9	9504 4	300.0	-40.2	99.9	288.7	14 5	13.7	-4.7	328.7	999 9	99 9	999 9	4 5	89
35 4	90.9	10094.7	275.0	-43.6	99.9	289.6	22.0	20 8	-7 4	332 1	999 9	99 9	999 9	6 7	95
37.6	95.2	10728.7	250.0	-48.7	99 9	289.6	25 4	23 9	-8 5	333.7	999 9	99 9	999 9	9 8	100
39.9	99.8	11411.9	225.0	-54.9	99 9	287 5	25.9	24 7	-7 8	334 4	999.9	99 9	999 9	13 3	103
42.3	104.8	12154.8	200.0	-60.3	99.9	286 5	25 8	24 8	-7 3	337 2	999 9	99 9	999 9	17 1	103
44.6	110.2	12981.8	175.0	-63.4	99 9	290 8	23 7	22 2	-8 4	345 3	999 9	99 9	999 9	20 6	104
47.2	116.0	13934.4	150.0	-61.1	99.9	289 1	21 2	20 0	-6 9	364 9	999 9	99 9	999 9	23 9	105
50.4	122.5	15054.5	125.0	-65.1	99 9	291 5	21 3	19 8	-7 8	377 2	999 9	99 9	999 9	28 0	106
54.4	130.0	16410.9	100.0	-65.8	99 9	294 5	14 0	12 7	-5 8	400 7	999 9	99 9	999 9	32 5	107
59 3	138.5	18166.3	75.0	-64 5	99 9	288 6	6 6	6 3	-2 1	437 7	999 9	99 9	999 9	35 0	108
66.1	148.5	20651.0	50.0	-60.4	99.9	333 3	5 0	2 3	-4 5	501 2	999 9	99 9	999 9	36 6	109
77 9	159 5	25061 0	25.0	-52 8	99 9	999 9	99 9	99.9	99 9	833 0	999 9	99 9	999 9	34 4	109

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERFOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 9
HEWITT, TEXAS

1 MAY 1982
1112 GMT

160 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 3	184 1	997.0	16 2	16 0	40 0	1 8	-1 2	-1 4	280 6	319 2	11 6	99 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	9 4	373 5	975.0	16 0*	99 9	999 9	99 9	99 9	99 9	291 3	999 9	99 9	999 9	999 9	999
1 6	11 7	593 6	950.0	15.8	99 9	999 9	99 9	99 9	99 9	293 3	999 9	99 9	999 9	999 9	999
2 6	14 2	820 9	925 0	16 0	13 4	999 9	99 9	99 9	99 9	295 7	323 6	10 6	84 6	999 9	999
3 4	16 6	1054 1	900.0	15 7	99 9	999 9	99 9	99 9	99 9	297 7	999 9	99 9	999 9	999 9	999
4 4	19.0	1291.8	875.0	14 2*	99 9	999 9	99.9	99 9	99 9	298 5	999 9	99 9	999 9	999 9	999
5 4	21.5	1535 2	850 0	12.6*	99 9	999 9	99 9	99 9	99 9	299 4	999 9	99 9	999 9	999 9	999
6 1	24 0	1784 6	825 0	11 6	-2 5	999 9	99 9	99 9	99 9	300 8	311 8	3 9	37 2	999 9	999
7 3	26 4	2040 9	800 0	9 5	-4 8	999 9	99 9	99 9	99 9	301 3	310 9	3 4	36 1	999 9	999
8 2	29 0	2303 2	775 0	7 5	-4 7	999 9	99 9	99.9	99 9	301 9	311 9	3 5	41 3	2 0	318
9 3	31 6	2572 3	750 0	5 5	-11 2	178 2	8 8	-0 3	8 8	302 5	309 3	2 3	30 1	3 3	324
10 4	34 2	2848 2	725 0	3 3	-12 3	184 0	8 0	0 6	8 0	303 1	309 2	2 1	31 1	3 7	329
11 4	36 8	3131 9	700 0	1 4	-6 0	193 6	7 3	1 7	7 1	304 0	314 2	3 5	57 8	4 1	333
12 5	39 6	3423 7	675 0	-0 8	-6 4	195 6	8 6	2 3	8 3	304 8	315 0	3 5	65 6	4 5	338
13 6	42 2	3724 3	650 0	-2 6	-3 4	198 5	10 0	3 2	9 5	306 0	319 3	4 6	94 8	5 0	342
14.8	45 1	4035 1	625.0	-4.2	-4 9	206 1	9 0	4 0	8 1	307 7	320 1	4 3	94 4	5 6	347
16 1	47.9	4356 7	600.0	-5 7	-6 5	211 5	6 7	3 5	5.7	309 5	321 1	3 9	94 0	6 0	350
17.3	50 9	4690 0	575.0	-6 9	-9 9	247 1	4 0	3 7	1 5	311 9	321 4	3 1	79 4	6 2	353
18 7	53 7	5036 3	550 0	-8 9	-11 7	249 8	3 5	3 3	1 2	313 5	322 2	2 8	80 2	6 3	356
20 1	56 8	5395 5	525 0	-10 7	-17.8	273 0	2 5	2 5	-0.1	315 5	321 2	1 8	58 0	6 4	358
21 4	59 8	5769 1	500 0	-13 4	-18.8	318 5	1 9	1 3	-1 4	316 7	322 2	1 7	63 5	6 3	359
22 8	62 9	6157.5	475.0	-16 4	-19 2	253 0	1 0	0.9	0 3	317 7	323 3	1 8	78 7	6 2	0
24 6	66.1	6562 6	450.0	-18 7	-37 1	150 1	2 1	-1 0	1 8	319 7	321 0	0 3	18 2	6 3	359
26 4	69 4	6985 8	425.0	-22 3	-31 1	125 2	2 7	-2 2	1 5	320 4	322 7	0 7	44 4	6 5	358
28 3	72.9	7428 6	400 0	-25 7	-34 3	107 7	2 8	-2 7	0.9	321 6	323 4	0 5	44 0	6 7	356
30 3	76 5	7893 3	375 0	-29 3	-36 7	73 0	3 0	-2 8	-0 9	322 9	324 4	0 4	46 2	6 7	353
32 2	80 1	8383 6	350.0	-32 3	-39 4	30 4	1 6	-0 8	-1 4	325.2	326 5	0 3	48 7	6 6	350
34 3	83 9	8902 2	325.0	-36 3	-45 3	270 0	1 3	1 3	0 0	326 7	327 4	0 2	38 4	6 5	351
36 6	87 8	9451 5	300.0	-41 3	99 9	176 7	3 0	-0 2	3 0	327 2	999 9	99 9	999 9	6 7	351
39 4	92 0	10036 1	275 0	-46 2	99 9	149 0	4 0	-2 1	3 5	328 3	999 9	99 9	999 9	7 3	351
41 8	96 [illegible]	10662 3	250 0	-51 5	99 9	100 0	2 8	-2 7	0 5	329 5	999 9	99 9	999 9	7 7	349
45 0	101 0	11340 3	225.0	-54 5	99 9	7 3	2 6	0.3	-2 5	335 0	999 9	99 9	999 9	7 7	346
48 3	105 8	12090.9	200.0	-58 4	99 9	284 7	6 0	5 8	-1 5	343 5	999 9	99 9	999 9	7 2	351
52 4	111.2	12936.5	175.0	-57 1	99 9	277 2	11 9	11 8	-1 5	355 7	999 9	99 9	999 9	6 9	9
56 9	117 0	13908 9	150.0	-58 2	99 9	286 6	14 9	14.2	-4 2	369 9	999 9	99 9	999 9	7 4	36
62 1	123 5	15053 0	125.0	-60.0	99 9	280 6	14 9	14 7	-2 7	386 4	999 9	99 9	999 9	10 3	62
68 7	131 0	16439 4	100 0	-61 7	99 9	276 3	14 5	14 4	-1 6	408 5	999 9	99 9	999 9	15 7	75
76.3	139 3	18216.0	75 0	-62.1	99 9	290 6	10 2	9 5	-3 8	442 7	999 9	99 9	999 9	21 8	83
86 8	149 0	20736 3	50 0	-58.5	99.9	307 8	4 4	3 5	-2 7	505 6	999 9	99 9	999 9	23 2	89
102 8	159.3	25221 8	25.0	-49 1	99 9	999 9	99 9	99.9	99 9	643 9	999 9	99 9	999 9	22 7	90

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 9
HEWITT, TEXAS

1 MAY 1982
1701 GMT

159 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	184.1	999.7	21.8	18.0	100.0	2.5	-2.5	0.4	295.0	329.1	13.1	79.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.0	400.1	975.0	17.8	16.6	62.1	4.7	-4.1	-2.2	293.0	324.9	12.3	92.9	0.2	234
1.8	11.3	622.4	950.0	16.0	15.1	99.1	3.5	-3.4	0.5	293.4	323.2	11.5	94.6	0.4	244
2.5	13.5	849.3	925.0	15.2	11.7	144.5	3.8	-2.2	3.1	294.9	319.9	9.5	80.3	0.5	259
3.6	15.9	1081.9	900.0	15.3	7.0	172.3	5.4	-0.7	5.4	297.3	316.3	7.0	57.4	0.6	289
4.5	18.3	1320.2	875.0	13.1	11.4	150.9	6.5	-3.1	5.7	297.4	323.4	9.8	89.4	0.8	310
5.6	20.7	1564.6	850.0	11.9	11.0	140.0	6.8	-4.4	5.2	298.7	324.9	9.8	94.1	1.2	313
6.7	23.2	1814.0	825.0	9.7	8.6	146.1	7.1	-3.9	5.9	298.8	321.9	8.5	92.8	1.7	316
7.6	25.6	2069.5	800.0	8.0	5.4	159.2	7.2	-2.6	6.8	299.7	319.0	7.1	83.6	2.1	319
8.7	28.0	2331.0	775.0	6.0	2.7	176.0	7.4	-0.5	7.4	300.3	317.0	6.0	79.5	2.5	324
9.8	30.5	2599.6	750.0	4.8	-2.2	188.5	7.5	1.1	7.4	301.6	313.9	4.3	61.0	2.9	330
10.8	33.1	2875.1	725.0	2.7	-4.6	195.1	7.0	1.8	6.8	302.4	313.2	3.7	58.4	3.2	335
11.9	35.6	3158.2	700.0	0.5	-5.6	199.3	7.8	2.6	7.4	303.0	313.4	3.6	63.5	3.6	340
13.0	38.2	3449.1	675.0	-1.3	-4.8	219.9	8.5	5.4	6.5	304.2	315.8	4.0	76.9	4.0	346
14.2	40.9	3750.5	650.0	-2.0	-3.2	251.9	7.8	7.4	2.4	306.7	320.1	4.6	91.1	4.2	354
15.5	43.6	4062.1	625.0	-3.7	-5.0	256.0	4.5	4.4	1.1	308.2	320.8	4.2	91.2	4.3	0
16.7	46.3	4384.2	600.0	-5.3	-7.7	232.1	1.9	1.5	1.2	309.9	320.6	3.6	83.5	4.4	3
18.1	49.2	4716.9	575.0	-8.3	-9.7	206.2	1.3	0.6	1.1	310.2	319.8	3.2	89.6	4.4	4
19.2	52.1	5061.5	550.0	-9.8	-14.6	104.5	1.7	-1.6	0.4	312.5	319.5	2.2	67.8	4.5	4
20.6	55.0	5420.0	525.0	-11.3	-16.2	53.9	2.2	-1.8	-1.3	314.8	321.3	2.1	66.9	4.4	2
22.2	58.0	5792.3	500.0	-14.0	-18.1	34.8	3.1	-1.8	-2.6	316.0	321.8	1.8	70.7	4.2	359
23.8	61.1	6180.5	475.0	-16.1	-25.4	11.0	3.2	-0.6	-3.1	318.0	321.4	1.0	44.6	3.9	358
25.3	64.1	6585.6	450.0	-19.0	-30.2	17.0	2.2	-0.6	-2.1	319.4	321.7	0.7	36.1	3.7	357
26.9	67.4	7009.1	425.0	-21.9	-32.5	15.8	1.4	-0.4	-1.4	320.9	322.9	0.6	37.6	3.5	355
28.5	70.7	7452.2	400.0	-25.7	-34.2	339.4	1.4	0.5	-1.4	321.7	323.5	0.5	44.3	3.4	356
30.2	74.1	7916.6	375.0	-28.9	-40.5	316.4	1.9	1.3	-1.4	323.3	324.4	0.3	31.5	3.3	357
32.1	77.8	8406.3	350.0	-32.7	-47.2	310.5	4.7	3.6	-2.1	324.7	325.3	0.2	21.7	3.1	2
33.9	81.5	8924.6	325.0	-38.1	-50.5	342.8	7.1	2.1	-6.8	326.9	327.3	0.1	20.8	2.6	10
35.6	85.3	9474.7	300.0	-40.8	99.9	352.5	8.9	1.2	-8.9	327.9	999.9	99.9	999.9	1.8	18
37.6	89.5	10080.6	275.0	-45.7	99.9	342.0	10.8	3.3	-10.2	329.1	999.9	99.9	999.9	1.0	52
39.6	93.8	10687.2	250.0	-51.4	99.9	344.0	14.9	4.1	-14.3	329.6	999.9	99.9	999.9	1.6	127
41.9	98.4	11363.4	225.0	-56.5	99.9	335.4	15.8	6.6	-14.4	331.9	999.9	99.9	999.9	3.5	146
44.5	103.4	12103.0	200.0	-60.2	99.9	323.5	20.1	11.9	-16.2	337.5	999.9	99.9	999.9	6.2	148
47.3	108.8	12931.2	175.0	-60.4	99.9	310.0	19.6	15.0	-12.6	350.3	999.9	99.9	999.9	9.7	143
50.5	114.7	13893.5	150.0	-60.6	99.9	295.7	15.7	14.2	-6.8	365.7	999.9	99.9	999.9	12.8	139
54.1	121.2	15022.0	125.0	-62.3	99.9	287.9	16.2	15.4	-5.0	382.3	999.9	99.9	999.9	16.0	133
58.7	128.7	16393.5	100.0	-64.2	99.9	284.7	13.8	13.4	-3.5	403.8	999.9	99.9	999.9	19.8	127
64.6	137.3	18164.3	75.0	-61.7	99.9	278.7	9.2	9.1	-1.4	443.6	999.9	99.9	999.9	23.7	124
72.8	147.5	20675.4	50.0	-58.5	99.9	256.1	3.7	3.6	0.9	505.7	999.9	99.9	999.9	26.0	122
85.7	158.3	25098.5	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.6	999.9	99.9	999.9	25.5	123

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STATION NO 9
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158 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	184.1	999.0	23.6	18.0	120.0	0.9	-0.8	0.1	296.8	331.4	13.2	71.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	8.6	394.5	975.0	19.7*	99.9	999.9	99.9	99.9	99.9	295.0	999.9	99.9	999.9	999.9	999
1.6	10.8	617.6	950.0	17.4	15.3	999.9	99.9	99.9	99.9	294.8	325.2	11.6	88.0	999.9	999
2.7	13.2	845.1	925.0	15.2	13.9	98.0	4.6	-4.5	0.6	294.9	323.4	10.9	91.8	0.6	264
3.5	15.5	1077.2	900.0	13.5	12.1	114.1	5.0	-4.6	2.0	295.4	321.6	9.9	91.3	0.8	271
4.4	17.9	1314.3	875.0	11.8	10.3	134.3	5.6	-4.0	3.9	296.0	320.1	9.0	90.7	1.1	278
5.4	20.4	1557.0	850.0	10.3	8.7	153.0	6.2	-2.8	5.5	296.9	319.4	8.4	89.9	1.3	290
6.3	22.8	1805.2	825.0	8.5	6.5	166.3	6.7	-1.6	6.5	297.6	317.6	7.4	87.0	1.6	300
7.3	25.2	2059.8	800.0	7.6	5.2	182.1	7.4	0.3	7.4	299.2	318.2	7.0	84.9	1.9	311
8.4	27.7	2321.2	775.0	5.9	4.7	194.6	8.4	2.1	8.1	300.2	319.2	6.9	91.5	2.2	322
9.6	30.2	2589.7	750.0	5.1	1.9	206.9	8.8	4.0	7.8	302.1	318.5	5.9	79.9	2.6	334
11.0	32.8	2865.7	725.0	2.8	-1.3	213.3	8.6	4.7	7.2	302.6	316.2	4.8	74.3	3.0	346
12.2	35.4	3149.3	700.0	0.9	-6.4	215.5	8.7	5.0	7.1	303.5	313.4	3.4	57.9	3.5	353
13.4	38.1	3440.8	675.0	-1.1	-4.9	231.7	5.9	4.7	3.7	304.4	315.8	4.0	75.6	3.9	360
14.7	40.7	3741.5	650.0	-2.8	-4.2	251.6	3.8	3.6	1.2	305.8	318.3	4.3	90.4	4.1	4
16.2	43.4	4051.8	625.0	-4.4	-6.8	271.5	2.3	2.3	-0.1	307.4	318.2	3.7	83.5	4.1	8
17.9	46.1	4372.9	600.0	-5.5	-9.3	289.7	2.0	1.9	-0.7	309.8	319.3	3.2	74.5	4.1	10
19.5	49.0	4705.4	575.0	-8.3	-11.0	295.8	1.4	1.3	-0.6	310.2	318.9	2.9	80.8	4.1	13
21.1	51.9	5050.2	550.0	-8.7	-14.4	21.0	1.2	-0.4	-1.1	313.7	320.8	2.3	63.6	4.0	13
22.9	54.5	5409.1	525.0	-11.4	-16.6	34.9	1.4	-0.8	-1.2	314.7	320.9	2.0	65.2	3.9	13
24.5	57.9	5781.5	500.0	-14.2	-19.2	14.1	2.0	-0.5	-1.9	315.7	321.0	1.7	65.7	3.6	12
26.4	61.0	6168.8	475.0	-16.7	-27.1	342.4	1.8	0.5	-1.7	317.3	320.2	0.9	39.9	3.5	13
28.3	64.3	6573.9	450.0	-18.4	-32.8	26[illegible].2	2.8	2.8	0.3	320.1	321.9	0.5	26.9	3.5	15
30.2	67.6	6998.1	425.0	-21.5	-38.1	280.7	5.1	5.0	-0.9	321.5	322.6	0.3	20.5	3.7	22
32.0	71.0	7441.5	400.0	-25.3	-40.5	301.7	5.0	5.1	-3.2	322.2	323.2	0.3	22.5	3.7	31
33.9	74.4	7907.0	375.0	-28.9	-38.8	309.2	7.0	5.5	-4.5	323.4	324.6	0.3	37.7	3.7	43
36.1	78.1	8396.6	350.0	-32.4	-42.6	316.8	7.1	4.8	-5.2	325.1	326.0	0.2	35.2	3.8	57
38.4	82.0	8915.0	325.0	-36.4	-48.4	315.8	8.8	6.1	-6.3	326.5	327.1	0.1	27.3	4.1	72
40.6	85.8	9465.2	300.0	-40.8	99.9	322.5	9.7	5.9	-7.7	327.8	999.9	99.9	999.9	4.8	86
42.9	90.0	10050.4	275.0	-46.1	99.9	313.6	12.7	9.2	-8.8	328.5	999.9	99.9	999.9	5.7	98
45.4	94.5	10677.0	250.0	-51.6	99.9	303.0	14.3	12.0	-7.8	329.4	999.9	99.9	999.9	7.6	106
47.9	99.2	11352.6	225.0	-56.8	99.9	298.4	15.0	13.2	-7.1	331.5	999.9	99.9	999.9	9.7	109
50.5	104.0	12089.5	200.0	-61.3	99.9	297.0	19.0	17.0	-8.6	335.7	999.9	99.9	999.9	12.2	111
53.8	109.5	12915.5	175.0	-62.1	99.9	294.1	22.6	20.6	-9.2	347.5	999.9	99.9	999.9	16.5	112
57.1	115.2	13874.6	150.0	-60.5	99.9	289.2	19.3	18.2	-6.4	365.9	999.9	99.9	999.9	20.8	112
61.2	122.0	15007.1	125.0	-62.6	99.9	287.0	16.6	15.9	-4.9	381.7	999.9	99.9	999.9	25.2	111
65.7	129.3	16375.2	100.0	-64.5	99.9	285.9	14.2	13.7	-3.9	403.0	999.9	99.9	999.9	29.3	110
71.4	138.0	18131.5	75.0	-64.5	99.9	287.2	10.4	9.9	-3.1	437.7	999.9	99.9	999.9	33.3	110
78.9	148.0	20632.2	50.0	-59.7	99.9	334.3	7.3	3.2	-6.6	502.9	999.9	99.9	999.9	36.3	110
91.0	158.5	25057.9	25.0	-52.4	99.9	220.6	11.5	7.5	8.8	634.3	999.9	95.9	999.9	37.3	112

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	184.1	997.3	21.4	17.2	60.0	2.0	-1.7	-1.0	294.8	327.4	12.5	77.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.2	380.3	975.0	19.9	15.9	77.6	5.1	-5.0	-1.1	295.2	325.9	11.9	77.9	0.2	248
1.5	11.5	604.1	950.0	17.6	15.5	80.1	5.5	-5.4	-1.0	295.0	325.9	11.8	87.8	0.5	252
2.2	13.8	832.0	925.0	15.6	14.5	85.7	5.1	-5.1	-0.4	295.3	325.0	11.3	93.1	0.7	256
3.1	16.2	1064.5	900.0	13.9	12.8	95.8	5.0	-5.0	0.5	295.9	323.3	10.4	92.9	0.9	259
4.0	18.5	1301.7	875.0	11.4	9.8	120.4	5.1	-4.4	2.6	295.6	318.8	8.7	90.0	1.2	265
4.7	21.0	1543.5	850.0	9.7	6.3	137.9	6.1	-4.1	3.5	296.3	315.5	7.1	79.5	1.4	273
5.6	23.5	1792.1	825.0	9.1	6.3	146.2	6.1	-3.4	5.1	298.2	318.1	7.3	82.8	1.6	282
6.6	25.9	2046.7	800.0	7.9	5.0	181.3	5.3	0.1	5.3	299.6	318.4	6.9	82.1	1.8	291
7.6	28.4	2308.3	775.0	6.2	4.6	213.8	3.8	2.1	3.2	300.4	319.4	6.9	89.8	1.8	299
8.7	31.0	2576.7	750.0	4.7	1.6	222.4	3.4	2.3	2.5	301.7	317.8	5.7	79.9	1.8	307
9.6	33.6	2853.1	725.0	3.4	0.0	222.0	3.5	2.3	2.6	303.2	318.1	5.3	78.8	1.8	313
10.8	36.2	3137.2	700.0	1.6	-1.2	225.5	3.2	2.3	2.2	304.3	318.5	5.0	81.3	1.8	321
11.9	38.8	3429.7	675.0	-0.4	-2.9	235.0	2.2	1.8	1.3	305.2	318.4	4.6	83.2	1.8	327
13.0	41.4	3731.3	650.0	-1.6	-5.0	304.9	1.4	1.2	-0.8	307.2	319.0	4.1	77.3	1.8	330
14.4	44.2	4042.8	625.0	-3.2	-7.2	337.6	1.0	0.4	-1.0	308.8	319.4	3.6	73.4	1.6	329
15.5	46.8	4365.1	600.0	-5.1	-10.0	53.4	0.8	-0.6	-0.5	310.2	319.3	3.0	68.5	1.6	329
16.8	49.7	4699.1	575.0	-6.5	-11.8	41.9	1.0	-0.7	-0.7	312.4	320.6	2.7	65.5	1.6	326
18.3	52.7	5045.5	550.0	-8.6	-14.6	333.2	1.0	0.5	-0.9	313.8	320.8	2.2	62.1	1.6	324
19.5	55.6	5404.4	525.0	-11.5	-16.7	275.7	1.8	1.8	-0.2	314.6	320.8	2.0	65.4	1.5	326
20.7	58.6	5776.9	500.0	-13.9	-18.7	247.3	2.7	2.5	1.0	316.2	321.7	1.7	66.7	1.5	332
22.1	61.8	6164.8	475.0	-16.2	-29.9	265.6	4.3	4.3	0.3	317.9	320.2	0.7	29.6	1.4	342
23.6	65.0	6570.0	450.0	-18.7	-30.4	282.5	6.4	6.2	-1.4	319.8	322.1	0.7	34.7	1.3	2
25.0	68.3	6993.9	425.0	-21.3	-41.3	282.8	7.2	7.0	-1.6	321.7	322.5	0.2	14.4	1.3	28
26.5	71.6	7438.4	400.0	-24.3	-41.2	291.7	8.7	8.1	-3.2	323.4	324.3	0.3	19.5	1.6	53
28.2	75.1	7905.9	375.0	-27.5	-46.0	306.9	9.3	7.5	-5.6	325.2	325.8	0.2	15.3	2.2	76
29.8	78.9	8398.0	350.0	-31.8	-49.9	312.3	8.7	6.4	-5.8	325.9	326.3	0.1	14.5	2.8	92
31.7	82.7	8917.5	325.0	-36.2	-53.7	301.1	8.7	7.4	-4.5	326.8	327.1	0.1	14.4	3.6	101
33.7	86.6	9467.5	300.0	-41.1	99.9	295.9	11.7	10.5	-5.1	327.5	999.9	99.9	999.9	4.7	105
35.6	90.7	10052.4	275.0	-46.3	99.9	292.4	13.1	12.1	-5.0	328.2	999.9	99.9	999.9	6.1	107
37.6	94.8	10678.5	250.0	-51.6	99.9	289.0	14.4	13.6	-4.7	329.3	999.9	99.9	999.9	7.8	108
39.9	99.6	11355.0	225.0	-56.0	99.9	287.5	18.1	17.2	-5.4	332.7	999.9	99.9	999.9	9.9	108
42.2	104.6	12096.6	200.0	-60.7	99.9	288.3	21.8	20.6	-6.8	336.6	999.9	99.9	999.9	12.8	108
44.8	110.0	12923.9	175.0	-61.9	99.9	292.7	24.0	22.2	-9.3	347.8	999.9	99.9	999.9	16.3	108
47.9	116.0	13878.7	150.0	81.2	99.9	292.3	24.7	22.9	-9.4	364.7	999.9	99.9	999.9	21.0	110
51.5	122.3	15009.8	125.0	-62.2	99.9	294.8	21.7	19.7	-9.1	382.4	999.9	99.9	999.9	28.0	110
55.9	130.0	16380.3	100.0	-63.8	99.9	292.9	16.1	14.9	-6.3	404.5	999.9	99.9	999.9	31.0	111
61.5	138.3	18143.1	75.0	-63.6	99.9	303.3	9.1	7.6	-5.0	43[illegible].8	999.9	99.9	999.9	35.2	111
69.3	148.0	20650.1	50.0	-60.4	99.9	115.1	2.1	-1.9	0.9	501.1	999.9	99.9	999.9	36.2	112
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 9
HEWITT, TEXAS

2 MAY 1982
203 GMT

159 6 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	184.1	997.3	19.2	17.9	90.0	0.9	-0.9	0.0	292.6	326.2	13.1	92.3	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	9.1	379.5	975.0	19.2	17.2	111.1	6.9	-6.4	2.5	294.5	327.8	12.8	88.1	0.3	278
1.6	11.4	603.1	950.0	17.6	16.0	117.7	7.5	-6.6	3.5	295.1	326.9	12.2	90.3	0.6	286
2.5	13.6	831.1	925.0	15.7	14.6	132.1	7.2	-5.3	4.8	295.4	325.4	11.4	93.1	1.0	293
3.4	16.0	1063.8	900.0	14.8	11.8	138.1	7.1	-4.8	5.3	296.7	322.6	9.7	82.3	1.4	300
4.3	18.4	1302.3	875.0	13.8	9.3	141.5	7.0	-4.4	5.5	298.1	320.9	8.5	74.4	1.8	304
5.3	20.7	1546.5	850.0	12.3	7.6	158.1	6.3	-2.4	5.9	299.0	320.0	7.7	72.8	2.2	308
6.3	23.1	1796.6	825.0	10.9	6.9	180.4	5.0	0.0	5.0	300.1	320.9	7.6	76.8	2.4	314
7.3	25.5	2053.0	800.0	9.2	6.2	188.6	4.4	0.7	4.4	300.9	321.4	7.5	81.5	2.6	318
8.3	27.9	2315.7	775.0	7.2	5.5	197.1	4.3	1.3	4.1	301.5	321.8	7.4	89.3	2.7	322
9.4	30.4	2585.2	750.0	5.3	3.6	218.8	3.7	2.3	2.9	302.3	320.7	6.6	88.8	2.9	327
10.5	32.9	2861.9	725.0	3.9	1.9	234.1	2.2	1.8	1.3	303.7	320.9	6.1	87.0	2.9	331
11.6	35.5	3146.5	700.0	1.5	0.4	227.6	0.9	0.7	0.6	304.2	320.2	5.7	92.5	2.9	333
12.9	37.9	3438.7	675.0	-0.8	-2.0	284.1	0.5	0.5	-0.1	304.7	318.8	4.9	91.6	2.9	334
14.1	40.7	3739.8	650.0	-2.4	-3.7	267.6	0.8	0.8	0.0	306.3	319.3	4.5	90.4	2.9	335
15.3	43.3	4050.8	625.0	-3.6	-4.8	138.7	0.4	-0.3	0.3	308.3	320.9	4.3	91.7	2.9	335
16.6	46.1	4373.2	600.0	-4.9	-7.9	41.6	0.6	-0.4	-0.4	310.5	321.0	3.5	79.0	2.9	335
17.9	48.9	4707.5	575.0	-6.1	-10.8	349.1	1.3	0.2	-1.3	312.8	321.8	3.0	70.1	2.8	334
19.3	51.7	5054.2	550.0	-8.7	-12.7	326.4	1.6	0.9	-1.3	313.8	321.9	2.6	72.6	2.7	334
20.7	54.6	5413.6	525.0	-11.0	-16.0	264.4	2.2	2.2	0.2	315.2	321.8	2.1	66.5	2.6	336
22.3	57.5	5787.1	500.0	-13.2	-19.4	280.2	4.6	4.5	-0.8	317.0	322.3	1.7	59.6	2.5	342
23.8	60.6	6176.5	475.0	-15.1	-27.2	297.3	6.5	5.8	-3.0	319.3	322.3	0.9	35.5	2.2	353
25.4	63.8	6583.6	450.0	-17.6	-29.8	313.6	7.4	5.4	-5.1	321.2	323.6	0.7	33.4	1.8	8
27.0	66.9	7009.7	425.0	-20.0	-35.5	999.9	99.9	99.9	99.9	323.4	324.9	0.4	23.4	1.4	32
28.9	70.1	7456.2	400.0	-23.6	-41.2	999.9	99.9	99.9	99.9	324.4	325.3	0.3	17.9	999.9	999
30.7	73.6	7924.7	375.0	-27.4	-44.2	999.0	99.9	99.9	99.9	325.3	326.0	0.2	18.4	2.3	99
32.8	77.1	8416.5	350.0	-32.1	-45.0	300.9	10.5	9.0	-5.4	325.5	326.2	0.2	26.1	3.6	107
34.9	80.8	8934.8	325.0	-36.6	-48.8	295.6	10.7	9.6	-4.6	326.2	326.7	0.1	26.9	4.9	110
37.2	84.7	9484.0	300.0	-41.1	99.9	297.3	13.0	11.5	-5.9	327.5	999.9	99.9	999.9	6.5	111
39.6	88.7	10069.5	275.0	-46.1	99.9	297.6	14.8	13.1	-6.9	328.5	999.9	99.9	999.9	8.5	113
42.2	93.0	10696.9	250.0	-50.0	99.9	292.0	20.4	18.9	-7.7	331.7	999.9	99.9	999.9	11.1	113
45.3	97.5	11378.4	225.0	-54.8	99.9	291.4	25.0	23.3	-9.1	334.6	999.9	99.9	999.9	15.5	113
48.4	102.3	12123.9	200.0	-59.5	99.9	294.4	23.8	21.6	-9.8	338.6	999.9	99.9	999.9	20.2	113
51.8	107.6	12950.6	175.0	-63.0	99.9	293.1	24.1	22.2	-9.5	346.0	999.9	99.9	999.9	24.8	113
55.7	113.2	13903.7	150.0	-61.4	99.9	296.9	24.4	21.7	-11.0	364.4	999.9	99.9	999.9	30.7	114
60.2	119.7	15029.4	125.0	-62.8	99.9	296.2	23.7	21.2	-10.4	381.3	999.9	99.9	999.9	37.1	114
65.6	127.0	16393.8	100.0	-65.7	99.9	299.3	16.8	14.7	-8.2	400.8	999.9	99.9	999.9	43.6	115
71.9	135.7	18148.3	75.0	-64.1	99.9	296.3	9.2	8.2	-4.1	438.6	999.9	99.9	999.9	48.7	115
81.4	146.0	20638.2	50.0	-62.1	99.9	131.6	4.0	-3.0	2.7	497.3	999.9	99.9	999.9	50.3	115
95.7	157.0	25023.8	25.0	-53.7	99.9	158.9	5.6	-2.0	5.3	630.2	999.9	99.9	999.9	49.2	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS

2 MAY 1982
505 GMT

157 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6 9	184.1	998.6	17 6	99 9	0 0	0 0	0 0	0 0	290 9	999 9	99 9	999 9	0 0	0
99 9	99.9	99.9	1000.0	99 9	99 9	99 9	99.9	09 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	9 0	389 3	975.0	17 8	14 2	113 6	5.0	-4 6	2 0	293 1	320 6	10 6	79 5	0 1	274
1 6	11 2	612.0	950 0	17 1	14 4	142.7	8.5	-5 1	6 7	294 6	323 3	11 0	84.2	0 5	289
2 5	13 5	839 8	925.0	18 5	9 1	152 9	9 1	-4 2	8 1	296 2	317 4	7 9	61 7	0 9	315
3 3	15 7	1072 7	900.0	15 0	7 3	150 6	8.9	-4 4	7 7	297 0	316 4	7 2	60 0	1 4	321
4 2	18 1	1310.7	875.0	13 5	5 3	145 9	7 8	-4 4	6 5	297 9	316 0	6 6	59 4	1 8	323
5 2	20 5	1554.8	850.0	11 5	7 0	148 5	6.3	-3 3	5 3	298 2	318 4	7 4	73 9	2 2	323
6 1	22 8	1803.6	825 0	9 7	8 2	169 7	4.7	-0 8	4 6	298 9	321 4	8 3	90 4	2 5	324
7 0	25 2	2059.0	800.0	8 1	6 6	206 7	3 4	1 5	3 0	299 8	320 7	7 7	90 2	2 7	328
8 0	27 7	2320.8	775 0	6 2	4 8	224 5	2 4	1.7	1 7	300 5	319 7	7 0	90 6	2 7	330
9 0	30 2	2589.4	750.0	4 6	2 5	243 9	3 0	2 7	1 3	301 6	318 6	6 1	88.2	2 7	334
9 9	32.6	2865.7	725.0	3 2	2 2	249 8	2 7	2 6	0 9	303 0	320 4	6 2	93 2	2 7	338
11 1	35 2	3149 8	700.0	1 2	-0 5	249 4	1 8	1 7	0 6	303 8	318 8	5 3	88 6	2 7	341
12 2	37.8	3442.1	675.0	-0 2	-2 4	231 5	1 7	1 3	1 0	305 4	319 1	4 8	84 9	2 7	343
13 4	40 4	3743.6	650.0	-2.3	-4 0	202 2	2 7	1 0	2 5	308 3	319 0	4 4	88 4	2 8	345
14 5	43 1	4054.6	625.0	-3 2	-7 5	196 8	2 9	0 8	2 7	308 8	319 2	3 5	71 9	3 0	347
15 8	45 8	4377.6	600.0	-4 0	-10 4	250 2	1.1	1 0	0 4	311 5	320 3	2 9	61 1	3 1	349
17 1	48 6	4712 2	575.0	-6 6	-13 3	243 4	1 2	1 1	0 5	312 3	319 6	2 4	58 9	3 1	350
18 4	51 2	5058.1	550.0	-9.0	-14 3	207.1	2 6	1 2	2 3	313 4	320 5	2 3	65 2	3 2	351
19 8	54 2	5417.0	525.0	-11 1	-18 2	238 3	3 9	3 4	2 [illegible]	315 0	320 5	1 7	55 8	3 4	355
21 4	57 1	5790.1	500.0	-13 5	-28 0	279.6	4 6	4 6	-0 8	316 6	319 1	0 8	28.3	3 5	1
23 0	60 2	6178.9	475.0	-15 6	-28 5	320 8	5 5	3 5	-4 3	318 6	321 2	0 8	32 1	3 3	9
24 6	63 3	6584.7	450.0	-18 3	-34 4	328 3	6 8	3 6	-5 8	320 3	321 9	0 5	22 7	2 8	16
26 5	66 4	7008.8	425.0	-21.6	-37 2	313 1	7 4	5 4	-5 1	321 3	322 6	0 4	23 1	2 4	31
28 4	69 8	7452.3	400 0	-24 8	-47 0	302 2	8 9	7 6	-4 8	322 8	323 3	0 1	10 6	2 6	53
30 4	73 3	7917.9	375 0	-29 0	-50 0	307 5	10 2	8 1	-6 2	323 2	323 6	0 1	11 1	3 2	74
32 5	76 9	8407 1	350.0	-33 2	-52 5	308 9	10 5	8 2	-6 6	324 0	324 3	0 1	12 2	4 0	89
34 6	80 6	8923.5	325.0	-37 4	-55 6	306.0	12 1	9 8	-7 1	325 2	325 4	0 1	12 8	5 2	99
37 0	84 5	9471.1	300.0	-41 8	99 9	303 4	13 1	11 0	-7 2	326 5	999 9	99 9	999 9	6 8	106
39 5	88 7	10055.2	275.0	-45 9	99 9	294 2	18 3	16 7	-7 5	328 8	999 9	99 9	999 9	9 0	109
42 1	93 2	10683.3	250.0	-49 9	99 9	293 6	27.2	25 0	-10 9	331 8	999 9	99 9	999 9	12 6	110
44 9	97 8	11365 4	225.0	-54 4	99 9	293 6	31 8	29 2	-12 7	335 2	999 9	99 9	999 9	17 6	111
48 0	102.8	12107 9	200.0	-60.1	99 9	295 0	28.8	26 1	-12 1	337 6	999 9	99 9	999 9	23 4	112
51 4	108 3	12934.9	175.0	-61 4	99 9	292 4	25 0	23 1	-9 5	348 6	999 9	99 9	999 9	28 9	112
55 2	114 0	13890.1	150 0	-62.8*	99 9	290 7	25 4	23 7	-9 0	361 9	999 9	99 9	999 9	34 6	112
59 9	120.7	15014 7	125.0	-64 2	99 9	293 4	20 9	19 2	-8 3	376 6	999 9	99 9	999 9	41 2	112
64 8	128 0	16370.3	100.0	-66 5	99 9	294.4	15.2	13 8	-6 3	399 2	999 9	99 9	999 9	46 6	112
70 6	136 3	18118 4	75.0	-65 7	99 9	298 0	9 3	8 2	-4 3	435 [illegible]	999 9	99 9	999 9	50 9	112
76 4	148 0	20599.4	50 0	60 4	99 9	301 6	3 4	2 9	1 8	501 1	999 9	99 9	999 9	53 3	113
84 2	156 3	24987.9	25.0	-53 1	99.9	257 1	4 8	4 7	1 1	632 4	999 9	99 9	999 9	51 3	114

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 10
MENARD, TEXAS

1 MAY 1982
1118 GMT

155 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	11 2	588 3	951 9	13 4	12 6	150 0	1 0	-0 5	0 9	290 6	315 8	9 7	95 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 3	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 1	11 4	605 2	950 0	13 3	12 4	124 3	1 9	-1 5	1 0	290 7	315 5	9 6	94 3	0 0	322
1 0	13 7	829 6	925 0	12 1	10 9	74 4	3 8	-3 7	-1 0	291 7	314 9	8 9	92 4	0 2	201
1 9	16 1	1060 0	900 0	12 9	11 8	151 1	5 0	-2 4	4 4	294 8	320 5	9 8	93 5	0 2	257
2 9	18 5	1298.9	875 0	11 6	10 4	167 9	6 5	-1 4	6 4	295 8	320 0	9 1	92 1	0 4	307
3 8	20 8	1539 1	850 0	10 0	8 7	188 2	6 2	0 9	6 1	296 6	318 9	8 3	91 7	0 7	330
4 8	23 2	1787 6	825 0	9 2	7 8	196 2	5 2	1 4	5 0	298 3	320 2	8 1	91 0	1 0	344
5 7	25 7	2042.7	800 0	8 0	6 7	184 2	4 6	0 3	4 6	299 7	320 8	7 7	91 4	1 2	350
6 8	28 2	2304 4	775 0	6 3	4 8	178 5	4 1	-0 1	4 1	300 6	319 8	7 0	90 4	1 5	352
7 8	30.7	2573.0	750 0	4 9	1 6	170 0	2 3	-0 4	2 2	301 9	318 0	5 8	79 1	1 7	353
8 8	33 3	2849 6	725 0	3 5	1 1	141 4	2 6	-1 6	2 0	303 3	319 5	5 7	84 0	1 8	351
9 9	35 9	3133.7	700 0	1 2	-0 1	164 9	1 6	-0 4	1 6	303 8	319 2	5 4	90 9	2 0	349
11 0	38.6	3425 8	675 0	-0 5	-1 7	184 5	1 1	0 1	1 1	305 1	319 4	5 0	91 7	2 0	350
12 2	41 2	3726 9	650 0	-2 5	-3 7	164 0	1 2	-0 3	1 1	306 1	319 1	4 5	91 4	2 1	350
13 3	44 0	4037.5	625 0	-4 0	-6 0	140 8	1 5	-1 0	1 2	307 9	319 4	3 9	85 5	2 2	349
14 7	46 8	4356 9	600 0	-6 0	-8 3	132 6	1 4	-1 0	0 9	309 2	319 4	3 4	83 6	2 3	347
15 9	49 6	4681 [illegible]	575 0	-8 1	-10 7	296 6	1 0	0 9	-0 4	310 5	319 4	2 9	81 5	2 4	346
17 3	52 5	5035.5	550 0	-10 3	-13 8	295 4	2 3	2 1	1 0	311 9	319 3	2 4	75 1	2 2	348
18 7	55 4	5392.7	525 0	-12 3	-15 9	292 4	2 9	2 7	-1 1	313 7	320 3	2 1	74 2	2 1	354
20 1	58 5	5764 9	500 0	-14 1	-20 1	312 6	2 3	1 7	-1 5	315 9	320 8	1 5	60 2	2 0	358
21 8	61 8	6152 5	475.0	-16.7	-22 4	297 4	3 2	2 8	-1 5	317 3	321 6	1 3	60 9	1 9	4
23 1	64 8	6557 0	450 0	-19 2	-27 1	306 5	2 3	1 9	-1 4	319 2	322 2	0 9	49 3	1 8	13
24 8	68 0	6979 9	425 0	-21 9	-40 6	330 1	1 9	0 9	-1 7	320 9	321 8	0 3	16 4	1 7	16
26 5	71.4	7423.7	400 0	-24 9	-46 2	337 8	5 6	2 1	-5 2	322 6	323 2	0 1	11 6	1 5	25
28 4	75 0	7889 4	375 0	-28 5	-48 8	343 1	8 2	2 4	-7 9	323 8	324 3	0 1	12 1	1 0	59
30 1	78 6	8380.0	350 0	-32 3	-48 8	331 7	10 0	4 7	-8 8	325 2	325 7	0 1	17 5	1 3	102
32 1	82 4	8897 8	325 0	-36 9	-59 1	324 0	10 5	6 2	-8 5	325 8	325 9	0 0	7 8	2 3	125
34 3	86 3	9446 4	300 0	-41 6	99 9	327 9	11 1	5 9	-9 4	326 7	999 9	99 9	999 9	3 7	132
36 7	90 5	10030 4	275 0	-46 2	99 9	338 2	12 6	4 7	-11 7	328 3	999 9	99 9	999 9	5 3	139
39 4	95 0	10655.9	250 0	-51 5	99 9	344 8	14 4	3 8	13 9	329 5	999 9	99 9	999 9	7 4	146
42 2	99 8	11330 9	225 0	-57 5	99 9	340 3	16 4	5 5	15 4	330 4	999 9	99 9	999 9	9 8	151
44 9	104 5	12069 5	200 0	-59 2	99 9	312 0	18 5	13 7	12 4	339 0	999 9	99 9	999 9	12 5	150
48 2	110 0	12896 2	175 0	-64 4	99 9	302 3	23 3	19 7	-12 5	343 7	999 9	99 9	999 9	16 4	143
51 6	115 7	13846 9	150 0	-60 9	99 9	292 4	19 6	18 2	-7 5	365 3	999 9	99 9	999 9	20 8	138
56 2	122 3	14981 4	125 0	-60 9	99 9	280 5	13 8	13 5	-2 5	384 7	999 9	99 9	999 9	24 8	132
61 1	129 7	16342.8	100 0	-67 0	99 9	280 5	14 3	14 0	-2 6	398 2	999 9	99 9	999 9	27 8	128
67 5	138 3	18089 8	75 0	-64 7	99 9	293 2	11 0	10 1	-4 3	437 3	999 9	99 9	999 9	32 7	125
75 8	148 0	20580.9	50 0	-62 1	99 9	268 4	4 8	4 8	0 1	497 2	999 9	99 9	999 9	36 0	125
89 0	158 7	24997.0	25 0	-54 4	99 9	303 6	4 9	4 1	-2 7	628 6	999 9	99 9	999 9	36 1	126

* BY SPEED MEANS ELEVAT N ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 10
MENARD, TEXAS

1 MAY 1982
1418 GMT

62 393 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	588.3	953.6	14.9	13.4	180.0	0.5	0.0	0.5	292.0	318.6	10.2	91.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	11.3	820.4	950.0	14.6*	99.9	130.8	2.4	-1.8	1.6	292.0	999.9	99.9	999.9	0.0	60
0.7	13.7	845.2	925.0	12.6	11.8	42.9	5.4	-3.7	-3.9	292.2	316.9	9.5	94.6	0.2	192
1.5	16.0	1075.6	900.0	12.6	11.7	91.0	3.1	-3.1	0.1	294.5	320.0	9.7	94.1	0.4	214
2.3	18.4	1312.2	875.0	11.3	9.7	161.9	2.3	-0.7	2.2	295.5	318.6	8.7	90.1	0.4	232
3.0	20.8	1554.2	850.0	9.7	8.5	185.3	3.2	0.3	3.2	298.3	318.5	8.3	92.5	0.3	249
3.8	23.2	1801.8	825.0	7.9	6.8	188.3	4.2	0.6	4.2	297.0	317.3	7.5	92.4	0.3	284
4.5	25.7	2058.0	800.0	7.3	6.4	178.2	4.8	-0.2	4.8	299.0	319.6	7.6	93.6	0.4	318
5.3	28.2	2317.1	775.0	5.6	4.7	174.2	4.1	-0.4	4.1	299.8	318.9	6.9	93.7	0.5	333
6.0	30.7	2585.2	750.0	4.0	3.1	168.8	3.0	-0.7	2.9	301.0	318.6	6.4	93.4	0.7	336
6.9	33.3	2860.7	725.0	2.5	1.5	175.3	2.7	-0.2	2.7	302.2	318.7	5.9	92.9	0.8	338
7.6	35.8	3144.2	700.0	1.1	-0.0	174.1	2.6	-0.3	2.6	303.7	319.2	5.5	92.2	1.0	341
8.5	38.4	3438.4	675.0	-0.8	-2.3	178.2	2.3	-0.1	2.3	304.8	318.6	4.8	89.6	1.1	342
9.4	41.1	3737.4	650.0	-1.5	-2.6	210.0	1.9	1.0	1.7	307.2	321.3	4.[illegible]	92.3	1.2	344
10.5	43.9	4048.7	625.0	-4.1	-5.4	219.7	2.6	1.7	2.0	307.8	319.7	4.[illegible]	90.4	1.2	350
11.2	46.6	4370.3	600.0	-5.7	-7.2	209.3	2.2	1.1	1.9	309.5	320.5	3.7	89.6	1.4	354
12.2	49.4	4703.1	575.0	-7.9	-11.6	223.7	1.3	0.9	0.9	310.8	319.1	2.8	74.7	1.4	355
13.2	52.3	5047.2	550.0	-10.3	-15.6	269.0	2.3	2.3	0.0	311.9	318.3	2.1	64.8	1.4	358
14.[illegible]	55.2	5404.5	525.0	-12.4	-16.4	282.2	3.3	3.2	-0.7	313.5	319.8	2.0	72.1	1.4	6
15.3	58.3	5776.1	500.0	-14.4	-19.7	217.2	1.3	0.8	1.0	315.4	320.5	1.6	64.1	1.4	13
16.4	61.3	6163.5	475.0	-16.7	-25.3	144.4	1.5	-0.9	1.2	317.3	320.7	1.0	47.8	1.5	10
17.5	64.4	6567.9	450.0	-18.9	-42.7	255.6	1.4	1.3	0.3	319.5	320.2	0.2	10.1	1.5	9
18.6	67.6	6992.1	425.0	-20.7	-52.6	999.9	99.9	99.9	99.9	322.4	322.7	0.1	3.8	999.9	999
19.8	71.0	7437.7	400.0	-23.7	-49.1	999.9	99.9	99.9	99.9	324.2	324.6	0.1	7.5	999.9	999
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 10
MENARD, TEXAS

1 MAY 1982
1700 GMT

152 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	T.	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 6	588 3	954 3	16 8	15 0	0	1 5	-1 4	-0 5	293 9	323 4	11 3	89 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	1 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	9 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 1	11 0	826 8	950 0	15 8	14 5	999 9	99 9	99 9	99 9	293 2	321 9	11 0	92 1	999 9	999
0 9	13 4	853 2	925 0	13 6	12 9	999 9	99 9	99 9	99 9	293 3	319 9	10 2	95 4	999 9	999
1 7	15 [illegible]	1084 2	900 0	12 8	12 0	999 9	99 9	99 9	99 9	294 7	320 7	9 9	95 3	999 9	999
2 6	18 0	1320 8	875 0	11 5	10 8	120 5	3 6	-3 1	1 8	295 7	320 5	9 3	95 3	0 5	285
3 6	20 4	1563.3	850 0	10 2	9 2	150 0	4 3	-2 1	3 7	2[illegible]6 8	320 0	8 6	93 3	0 7	292
4 6	22 9	1811 7	825 0	9 4	7 7	172 9	5 6	-0 7	5 6	298 6	320 3	8 0	88 7	0 9	308
5 6	25 4	2066 9	800 0	7 7	6 9	181 7	6 2	0 2	6 2	299 4	320 7	7 8	84 4	1 2	323
6 6	28 0	2328 7	775 0	6 4	5 4	184 7	5 6	0 5	5 5	300 7	320 7	7 3	93 3	1 5	334
7 9	30 6	2597 9	750 0	5 3	4 0	181 3	4 2	0 1	4 2	302 3	321 3	6 8	91 4	1 8	339
9 1	33 2	2874 6	725 0	3 6	1 9	173 8	3 3	-0 4	3 3	303 4	320 5	6 1	88 7	2 0	341
10 1	35 9	3159 0	700 0	1 8	0 8	168 5	3 3	-0 7	3 2	304 5	320 9	5 8	92 6	2 3	342
11 3	38 6	3451 6	675 0	-0 4	-2 4	140 6	2 2	-1 4	1 7	305 2	318 9	4 9	86 3	2 5	342
12 6	41 4	3753 1	650 0	-1 9	-3 8	[illegible]9 2	1 0	-1 0	-0 2	306 8	319 7	4 4	87 0	2 5	340
13 8	44 2	4064 8	625 0	2 7	-6 2	[illegible] 5	0 9	-0 1	-0 9	309 4	320 8	3 9	76 9	2 5	339
15 0	47 1	4388 1	600 0	-4 1	-9 2	249 8	0 8	0 8	0 3	311 3	320 9	3 2	67 7	2 4	339
16 [illegible]	50 1	4722 9	575 0	-6 2	-11 9	224 2	1 4	1 0	1 0	312 8	321 0	2 7	63 8	2 5	341
17 8	53 1	5069 2	550 0	-9 1	-13 1	251 7	2 1	2 0	0 6	313 2	321 0	2 5	72 7	2 5	344
19 1	56 1	5427 5	525 0	-11 6	-15 2	230 3	2 1	1 6	1 3	314 5	321 4	2 2	74 6	2 6	348
20 4	59 1	5800 4	500 0	-12 6	-18 7	204 9	2 5	1 1	2 3	317 7	323 3	1 7	60 0	2 7	351
21 9	62 3	6190 7	475 0	-14 5	-24 5	235 6	3 1	2 4	1 9	320 1	323 7	1 1	41 9	2 9	354
23 6	65 6	6598 7	450 0	-16 8	-31 3	306 3	3 6	2 9	-2 1	322 1	324 2	0 6	27 1	2 9	359
25 1	68 9	7026 2	425 0	-19 7	-32 5	327 6	4 3	2 6	-4 1	323 8	325 8	0 6	30 6	2 5	5
26 7	72 3	7474 1	400 0	-22 8	-36 0	341 7	5 3	1 7	-5 0	325 3	326 9	0 4	28 8	2 1	1[illegible]
28 4	75 9	7943 8	375 0	-26 4	-40 6	334 4	6 8	2 9	-6 1	326 6	327 7	0 3	24 7	1 6	2[illegible]
30 2	79 6	8438 0	350 0	-30 9	-44 2	328 6	8 2	4 3	-7 0	327 0	327 8	0 2	25 6	1 3	5[illegible]
32 1	83 5	8959 1	325 0	-35 3	-49 0	312 5	9 4	6 9	-6 3	328 0	328 5	0 1	22 8	1 6	89
33 9	87 5	9511 6	300 0	-39 7	99 9	292 0	9 8	9 1	-3 7	329 5	999 9	99 9	999 9	2 6	101
36 0	91 8	10099 2	275 0	-45 5	99 9	290 2	9 0	8 4	-3 1	329 3	999 9	99 9	999 9	3 7	104
37 9	96 2	10728 7	250 0	-49 9	99 9	288 1	10 5	10 0	-3 3	331 9	999 9	99 9	999 9	4 8	105
40 0	100 7	11409 5	225.0	-55 7	99 9	294 0	16 0	14 6	-6 5	334 0	999 9	99 9	999 9	6 5	106
42 4	105 6	12153 8	200 0	-59 1	99 9	294 2	18 0	16 4	-7 4	339 1	999 9	99 9	999 9	8 9	109
44 8	110 8	12982 7	175 0	-62 0	99 9	289 5	20 6	19 4	-6 9	347 7	999 9	99 9	999 9	11 7	109
47 6	116 7	13940.3	150 0	-60 2	99 9	292 8	21 8	20 1	-8 4	366 4	999 9	99 9	999 9	15 5	110
50 9	123 2	15068 7	125.0	-62 7	99 9	297 6	18 9	16 7	-8 8	381 5	999 9	99 9	999 9	18 9	111
54 8	130 3	16440 0	100 0	-64 8	99 9	286 7	14 1	13 5	-4 0	402 5	999 9	99 9	999 9	23 2	111
59 6	138 7	18202 8	75 0	-64 4	99 9	283 6	8 8	8 1	-3 5	438 0	999 9	99 9	999 9	26 3	111
66 0	147 7	20710 2	50 0	-5[illegible] 8	99 9	296 0	3 2	2 9	-1 4	502 7	999 9	99 9	999 9	27 7	112
78 4	157 5	25110 5	25 0	-52 4	99 9	257 0	4 9	4 8	1 1	834 3	999 9	99 9	999 9	27 6	112

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

STATION NO. 10
MENARD, TEXAS

1 MAY 1982
2005 GMT

79 287 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.1	588.3	953.6	21.5	15.3	90.0	2.0	-2.0	0.0	298.7	329.6	11.6	88.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	11.4	621.1	950.0	20.6	14.6	999.1	99.9	99.9	99.9	298.1	327.7	11.1	88.4	999.9	999
1.0	13.8	850.4	925.0	17.4	13.0	999.9	99.9	99.9	99.9	297.1	324.4	10.3	75.6	999.9	999
1.6	16.2	1084.6	900.0	16.0	13.2	999.9	99.9	99.9	99.9	298.0	326.3	10.7	83.5	999.9	999
2.3	18.6	1323.5	875.0	13.5	12	999.9	99.9	99.9	99.9	297.8	325.1	10.2	91.2	0.3	284
3.6	21.0	1567.5	850.0	11.9	9.8	131.9	4.6	-3.5	3.1	298.6	322.8	9.0	86.6	0.6	289
4.7	23.5	1817.2	825.0	10.2	7.5	149.0	4.4	-2.2	3.7	299.4	321.1	8.0	83.4	0.9	302
5.7	26.0	2073.2	800.0	8.8	7.4	148.5	3.9	-2.0	3.3	300.5	322.7	8.1	91.0	1.1	307
6.7	28.5	2335.6	775.0	6.5	5.7	157.5	3.4	-1.3	3.1	300.8	321.2	7.5	94.9	1.3	311
7.7	31.0	2604.5	750.0	5.4	4.2	169.4	3.3	-0.3	3.3	302.5	321.7	6.9	91.9	1.5	315
8.7	33.7	2881.4	725.0	3.6	2.5	172.8	3.4	-0.4	3.4	303.4	321.2	6.4	92.9	1.7	320
9.9	36.3	3165.9	700.0	1.5	0.5	191.7	1.8	0.3	1.6	304.1	320.2	5.7	93.2	1.8	323
11.1	38.9	3458.3	675.0	-0.2	-3.0	269.0	1.1	1.1	0.0	305.4	318.6	4.6	81.7	1.8	325
12.2	41.7	3760.3	650.0	-1.2	-4.3	224.5	1.3	0.9	0.9	307.7	320.1	4.3	78.8	1.8	327
13.3	44.4	4072.7	625.0	-2.8	-6.2	188.1	1.4	0.2	1.4	309.3	320.7	3.9	77.0	1.8	329
14.4	47.2	4395.9	600.0	-4.0	-9.9	220.9	2.3	1.5	1.7	311.5	320.5	3.0	63.4	1.9	331
15.8	50.1	4730.9	575.0	-6.0	-12.6	241.2	3.4	3.0	1.6	312.9	320.7	2.5	59.5	1.9	339
17.1	53.0	5077.7	550.0	-8.6	-14.7	221.0	3.0	2.0	2.3	313.8	320.7	2.2	61.3	2.0	346
18.4	56.0	5436.5	525.0	-11.8	-15.8	250.1	2.4	2.2	0.8	314.2	320.8	2.1	71.9	2.1	350
19.6	59.0	5810.5	500.0	-12.0	-21.1	308.3	3.3	2.6	-2.1	318.5	323.1	1.4	46.4	2.1	355
21.0	62.1	6202.2	475.0	-14.0	-29.0	323.6	3.9	2.3	-3.1	320.7	323.1	0.7	26.6	1.8	0
22.5	65.4	6610.1	450.0	-17.4	-29.5	322.8	4.7	2.8	-3.7	321.4	323.9	0.7	33.8	1.5	9
24.1	68.6	7036.3	425.0	-20.0	-34.7	324.1	5.9	3.4	-4.7	323.4	325.0	0.5	25.7	1.2	26
25.7	72.0	7482.5	400.0	-23.6	-38.3	326.1	5.9	3.3	-4.9	324.4	325.6	0.3	24.2	1.1	57
27.3	75.5	7950.5	375.0	-27.8*	-40.9	318.1	4.8	3.2	-3.6	324.8	325.8	0.3	27.2	1.2	79
29.0	79.1	8441.9	350.0	-31.7	-46.5	295.3	10.2	9.2	-4.4	326.0	326.6	0.2	21.4	1.8	94
30.8	83.0	8961.7	325.0	-35.8	-51.6	340.1	7.1	2.4	-6.7	327.3	327.7	0.1	17.9	2.8	103
32.5	86.9	9512.4	300.0	-41.0	99.9	999.9	99.9	99.9	99.9	327.6	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 10
MENARD, TEXAS

1 MAY 1982
2300 GMT

153 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	11 2	588 3	950.9	22 8	12 4	90 0	1 0	-1 0	0 0	300 3	326 2	9 6	52 0	0 0	0
99 9	99 9	99.9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999.9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 0	11 3	596.5	950 0	22 6	99 9	999 9	99 9	99 9	99 9	300 2	999 9	99 9	999 9	999 9	999
1 0	13 5	826 4	925 0	19 0	99 9	999 9	99 9	99 9	99 9	298 7	999 9	99 9	999 9	999 9	999
2 0	15 9	1061 5	900 0	17 8	10 6	999 9	99 9	99 9	99 9	299 9	324 1	9 0	62 5	0 4	279
2 9	18 2	1301.7	875.0	15 2	9 3	108 3	4 7	-4 5	1.5	299 6	322 5	8 4	67 8	0 7	281
3 9	20 6	1546 8	850.0	12 8	8 6	123 8	4 4	-3 7	2 5	299 5	322 1	8 3	75 9	0 9	285
4 8	23 0	1797 0	825 0	10 5	8 3	134 2	4 7	-3 4	3 3	299 7	322 4	8 4	86 0	1 1	290
5 7	25 4	2053 1	800 0	8 3	7 4	144 0	4 0	-2 4	3 3	300 0	322 1	8 1	94 1	1 4	295
6 6	27 8	2315.0	775 0	6 2	5 7	159 1	4 3	-1 5	4 0	300 4	320 9	7 5	97 1	1 5	299
7 5	30 3	2583 4	750 0	4 2	3 7	160 2	3 5	-1 2	3 3	301 2	319 7	6 7	96 2	1 7	305
8 5	32 8	2859 3	725 0	2 8	2 3	166 5	3 2	-0 7	3 1	302 5	320 0	6 3	97 0	1 9	307
9 7	35 4	3143.2	700.0	1 8	-0 6	174 6	2 4	-0 2	2 4	304 5	319 5	5 3	84 0	2.0	312
10 8	38 0	3436 4	675.0	0 6	-1 4	211 8	1 0	0 5	0 9	306 4	321 1	5 1	86 2	2 1	314
12 1	40 7	3730 8	650.0	-1 6	-2 5	312 5	0 9	0 6	0 6	307 2	321 3	4 9	93 5	2 1	315
13 3	43.3	4050 7	625 0	-2 3	-7.6	288 1	1 6	1 5	-0 5	309 8	320 1	3 4	88 8	2 0	315
14 6	46 0	4374.2	600 0	-3 8	-11 7	282 5	1 8	1 7	-0 4	311 8	319 7	2 6	53 8	1 9	318
15 9	48 8	4709 0	575.0	-6 5	-13 2	278 6	2 5	2 5	-0 4	312 4	319 8	2 4	58 8	7	321
17 3	51 6	5055.4	550.0	-8 7	-15 0	290 5	2 2	2 1	-0 8	313 8	320 5	2 2	59 8	1 6	327
18 6	54.5	5415.1	525.0	-9 2	-21 8	340 3	3 5	1 2	-3 3	317 4	321 5	1 3	35 1	1 4	327
20 1	57.5	5792 2	500.0	-10 1	-31 5	356 4	5 4	0 3	-5 4	320 8	322 6	0 5	15.3	1 1	317
21 6	60 5	6185 3	475.0	-13.1	-35 1	346 9	6 3	1 4	-6 1	321 8	323 2	0 4	13 6	0 7	288
23 1	63 6	6594.4	450 0	-18 4	-37 8	320 6	6 1	3 9	-4 7	322 6	323 8	0 3	13 7	0 5	237
24 7	66 9	7020.9	425.0	-19.9	-40 4	295 4	6 2	5 6	-2 7	323 4	324 4	0 3	14 1	0 6	179
26 5	70 3	7466.7	400 0	-24 2	-43 8	294 1	8 1	7 4	-3 3	323 6	324 3	0 2	14 2	1 1	141
28 5	73 7	7934 4	375.0	-27 4	-48 5	305 2	9 6	7 8	-5.5	325 3	325 8	0 1	11 3	2 1	131
30 4	77 2	8426 1	350 0	-32 1	-51 5	303 0	8 5	7 1	-4 6	325 5	325 8	0 1	12 4	3 3	130
32	80.9	8944.9	325 0	-36 4	-54 2	291 4	9 6	8 9	-3 5	326 5	326 8	0 1	13 8	4 3	127
35 0	84.8	9495.4	300 0	-40.5	99 9	287 0	14 1	13 5	-4 1	328 4	999 9	99 9	999 9	6 0	121
37 4	88.8	10082 5	275 0	-44 9	99 9	285 7	17 8	17 1	-4 8	330 3	999 9	99 9	999 9	8 2	117
39 9	93.2	10713.8	250 0	-49.4	99 9	286 1	23.9	22 9	-6 6	332.6	999 9	99 9	999 9	11 2	114
42 8	97 6	11396 1	225 0	-54.7	99 9	284 2	28 1	27 2	-6 9	334 7	999 9	99 9	999 9	15 9	112
45 8	102.8	12140.3	200 0	-59 6	99 9	280 6	27 0	26 5	-5 0	338 3	999 9	99 9	999 9	20 7	109
49 0	108 3	12966.9	175 0	-62.9	99 9	288 5	26 3	24 9	-8 4	346 2	999 9	99 9	999 9	25 9	108
52 9	114.2	13919.1	150.0	-61 8	99 9	290 6	24.6	23 0	-8 6	363 7	999 9	99 9	999 9	31 8	109
57 0	120 7	15040.9	125 0	-65.8	99 9	291 3	22 7	21.1	-8 2	375 8	999 9	99 9	999 9	37 6	109
62 1	128.3	16397.2	100.0	-66 0	99 9	294 2	17 0	15 5	-7 0	400 2	999 9	99 9	999 9	43 8	110
68 3	137.0	18133 2	75 0	-65 4	99 9	300 8	11 2	9 6	-5 7	435 8	999 9	99 9	999 9	48 9	110
76 6	147.0	20629 8	50 0	-60.5	99.9	335 6	3.3	1 4	-3 0	500 9	999 9	99 9	999 9	51 4	110
90 0	158.0	25040.5	25.0	-52.9	99 9	999 9	99 9	99 9	99 9	632 7	999 9	99 9	999 9	49 8	114

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ORIGINAL PAGE IS
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STATION NO 10
MENARD, TEXAS

2 MAY 1982
200 GMT

155 12 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	588.3	951.6	20.5	13.5	30.0	0.5	-0.2	-0.4	297.9	325.2	10.3	64.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	11.5	602.8	950.0	20.3*	99.9	50.0	2.5	-1.9	-1.6	297.8	999.9	99.9	999.9	0.0	342
1.0	13.9	832.4	925.0	18.8	12.7	111.0	9.0	-8.4	3.2	298.5	325.5	10.1	87.7	0.4	290
1.9	16.4	1067.3	900.0	17.0	12.1	105.4	9.7	-9.4	2.6	299.0	325.7	9.9	73.2	0.9	289
2.7	18.8	1307.1	875.0	14.5	11.3	104.3	9.4	-9.1	2.3	298.8	324.[illegible]	[illegible].7	81.2	1.5	287
3.7	21.3	1551.9	850.0	12.4	10.6	108.7	7.6	-7.2	2.4	299.2	324.8	9.5	88.8	2.0	286
4.7	23.8	1801.9	825.0	10.5	8.7	129.7	6.9	-5.3	4.4	299.7	323.1	8.6	86.7	2.4	288
5.6	26.3	2058.0	800.0	8.7	7.4	151.8	7.0	-3.3	6.2	300.5	322.7	8.1	91.4	2.7	293
6.7	28.9	2320.3	775.0	6.4	5.3	163.0	6.6	-1.9	6.3	300.7	320.6	7.2	92.7	3.0	299
7.7	31.5	2589.1	750.0	4.5	3.9	171.6	5.7	-0.8	5.6	301.5	320.3	6.8	95.4	3.3	304
8.6	34.1	2865.1	725.0	2.8	1.9	177.7	4.3	-0.2	4.3	302.5	319.5	6.1	93.9	3.4	308
9.6	36.8	3148.8	700.0	1.2	-1.5	197.6	2.6	0.8	2.5	303.9	317.9	4.9	82.0	3.6	310
10.7	39.4	3441.3	675.0	-0.1	-2.2	228.1	2.0	1.4	1.4	305.5	319.4	4.8	85.9	3.6	312
11.8	42.2	3743.0	650.0	-2.2	-3.0	236.0	2.1	1.8	1.2	306.5	320.2	4.7	93.8	3.6	314
13.3	45.0	4053.8	625.0	-4.8	-7.7	258.0	2.6	2.5	0.5	307.2	317.3	3.4	79.0	3.5	318
14.6	47.9	4374.6	600.0	-5.9	-11.9	282.9	3.4	3.3	-0.8	309.3	317.0	2.6	62.4	3.3	320
15.7	50.7	4707.6	575.0	-7.4	-11.4	301.5	4.0	3.4	-2.1	311.3	319.8	2.8	73.1	3.1	322
16.9	53.6	5052.4	550.0	-10.0	-11.9	306.0	4.0	3.3	-2.4	312.3	320.8	2.8	86.1	2.8	324
18.2	56.6	5410.9	525.0	-10.4	-23.3	348.9	3.6	0.7	-3.6	315.9	320.0	1.3	39.2	2.6	325
19.9	59.8	5785.7	500.0	-11.5	-33.1	343.7	5.1	1.4	-4.9	319.0	320.7	0.5	14.7	2.2	319
21.4	62.9	6176.8	475.0	-14.6	-36.2	329.7	6.6	3.3	-5.7	319.9	321.2	0.4	13.9	1.7	314
23.0	66.0	6583.8	450.0	-17.4	-38.1	313.7	7.4	5.3	-5.1	321.4	322.5	0.3	14.4	1.0	308
24.6	69.4	7009.0	425.0	-21.0	-40.9	316.5	6.1	4.2	-4.4	322.0	322.9	0.2	14.7	0.3	307
26.3	72.9	7453.4	400.0	-24.6	-46.8	315.1	9.5	6.7	-6.8	323.0	323.6	0.1	10.7	0.4	144
28.0	76.4	7919.1	375.0	-28.7	-49.3	310.1	8.5	6.5	-5.5	323.6	324.0	0.1	11.6	1.4	133
29.9	80.0	8408.7	350.0	-32.9	-52.0	290.8	8.7	8.1	-3.0	324.4	324.7	0.1	12.8	2.3	129
31.8	83.9	8926.0	325.0	-36.6	-55.7	294.5	9.8	8.9	-4.1	326.3	326.5	0.1	11.6	3.3	12[illegible]
34.0	87.8	9476.4	300.0	-40.0	99.9	296.9	16.1	14.3	-7.3	329.1	999.9	99.9	999.9	4.8	121
36.3	92.0	10066.5	275.0	-44.0	99.9	290.1	22.4	21.0	-7.7	331.5	999.9	99.9	999.9	7.6	118
38.8	96.5	10699.6	250.0	-49.1	99.9	287.2	26.2	25.0	-7.7	333.1	999.9	99.9	999.9	11.2	115
41.0	101.2	11381.9	225.0	-54.9	99.9	283.1	29.1	28.3	-6.6	334.4	999.9	99.9	999.9	14.8	113
43.6	106.0	12123.6	200.0	-60.0	99.9	285.5	31.4	30.2	-8.4	337.8	999.9	99.9	999.9	19.6	111
46.3	111.5	12947.3	175.0	-64.0	99.9	287.7	28.5	27.1	-8.7	344.3	999.9	99.9	999.9	24.6	110
49.9	117.5	13897.8	150.0	-62.4	99.9	289.6	23.5	22.2	-7.9	362.6	999.9	99.9	999.9	28.6	110
52.2	124.0	15015.5	125.0	-65.4	99.9	291.7	19.7	18.3	-7.3	376.6	999.9	99.9	999.9	32.8	110
56.0	131.5	16370.3	100.0	-66.4	99.9	299.1	16.2	14.1	-7.9	399.5	999.9	99.9	999.9	36.9	[illegible].0
61.0	140.0	18109.9	75.0	-65.0	99.9	290.3	7.1	6.6	-2.5	436.7	999.9	99.9	999.9	40.3	111
66.4	149.7	20595.4	50.0	-63.3	99.9	18.1	3.4	-1.1	-3.2	494.4	999.9	99.9	999.9	41.3	111
81.3	160.0	24969.9	25.0	-56.1	99.9	999.9	99.9	99.9	99.9	623.5	999.9	99.9	999.9	39.3	115

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	588.3	952.9	17.2	15.0	90.0	1.0	-1.0	0.0	294.4	325.7	12.0	92.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	11.3	814.5	950.0	16.6	15.0	122.1	10.3	-8.8	5.5	294.0	323.8	11.4	90.6	0.2	292
0.9	13.6	842.1	925.0	15.8	13.4	125.9	10.5	-8.5	6.1	295.4	323.1	10.5	85.7	0.4	298
1.6	16.1	1075.1	900.0	15.5	13.8	140.4	8.8	-5.6	6.8	297.5	327.0	11.1	89.9	0.9	305
2.4	18.4	1314.3	875.0	13.9	11.5	156.8	6.3	-2.5	5.8	298.2	324.5	9.8	85.6	1.2	312
3.2	20.8	1558.5	850.0	11.8	10.5	165.5	6.4	-1.6	6.2	298.5	323.8	9.4	92.0	1.4	318
4.1	23.3	1808.2	825.0	10.1	8.9	164.3	9.4	-2.5	9.1	299.3	322.9	8.7	92.2	1.8	324
4.9	25.8	2063.8	800.0	8.1	7.0	166.5	10.4	-2.4	10.1	299.8	321.3	7.9	92.9	2.3	328
5.7	28.3	2326.0	775.0	6.8	5.5	166.3	6.7	-1.6	6.5	301.1	321.3	7.3	91.2	2.7	332
6.6	30.9	2595.2	750.0	5.2	3.6	145.3	3.8	-2.2	3.1	302.2	320.8	6.7	89.6	2.9	332
7.5	33.5	2872.3	725.0	4.2	1.8	140.3	2.8	-1.8	2.2	304.1	321.1	6.0	84.2	3.1	331
8.4	36.1	3157.5	700.0	3.0	0.2	212.0	0.9	0.5	0.7	305.9	321.7	5.6	81.3	3.2	331
9.4	38.8	3451.9	675.0	1.0	-3.2	295.4	1.5	1.4	-0.7	306.8	319.8	4.5	73.7	3.2	332
10.4	41.6	3755.1	650.0	-0.3	-4.7	301.2	1.4	1.2	-0.7	308.6	320.9	4.2	72.3	3.1	333
11.3	44.3	4068.3	625.0	-1.8	-7.4	320.3	1.1	0.7	-0.9	310.5	320.9	3.5	65.0	3.0	333
12.2	47.1	4392.0	600.0	-4.2	-8.2	316.5	1.2	0.9	-0.9	311.3	321.6	3.4	73.6	3.0	333
13.4	49.9	4726.4	575.0	-6.5	-11.5	321.7	1.1	0.7	-0.9	312.3	320.8	2.8	67.9	2.9	334
14.6	52.9	5073.3	550.0	-8.1	-13.4	25.4	1.5	-0.6	-1.4	314.4	322.1	2.5	65.8	2.8	333
15.6	55.9	5434.7	525.0	-8.1	-25.0	359.2	2.5	0.0	-2.5	318.7	321.9	1.0	24.2	2.7	331
17.0	59.0	5812.1	500.0	-10.6	-29.5	321.6	4.1	2.5	-3.2	320.1	322.4	0.7	19.4	2.5	331
18.4	62.0	6204.1	475.0	-13.8	-30.2	298.1	5.9	5.2	-2.8	320.8	323.1	0.6	23.6	2.1	335
19.6	65.3	6612.4	450.0	-17.0	-37.0	289.1	6.9	6.6	-2.3	321.9	323.2	0.3	15.5	1.8	346
20.9	68.6	7039.0	425.0	-20.1	-40.5	301.3	8.2	7.0	-4.2	323.2	324.2	0.3	14.2	1.5	4
22.2	71.9	7485.0	400.0	-23.8	-43.0	299.0	7.7	6.7	-3.7	324.0	324.8	0.2	15.0	1.3	30
23.4	75.4	7952.6	375.0	-28.1	-46.1	281.4	7.4	7.3	-1.5	324.4	325.0	0.2	15.8	1.5	49
24.7	79.0	8444.0	350.0	-31.1	-49.0	273.8	8.1	8.1	-0.5	326.8	327.2	0.1	15.2	1.9	62
26.3	82.7	8964.9	325.0	-35.4	-52.4	275.6	8.9	8.9	-0.9	327.9	328.3	0.1	15.4	2.6	71
27.7	86.7	9517.4	300.0	-39.2	-55.8	284.3	12.8	12.4	-3.1	330.1	330.4	0.1	15.0	3.4	79
29.4	90.7	10107.8	275.0	-43.9	99.9	285.8	19.2	18.5	-5.2	331.7	999.9	99.9	999.9	4.9	87
31.1	95.0	10741.0	250.0	-48.9	99.9	282.8	23.8	23.2	-5.3	333.4	999.9	99.9	999.9	7.1	93
32.8	99.6	11425.5	225.0	-54.8	99.9	278.4	27.0	26.7	-3.9	334.9	999.9	99.9	999.9	9.6	95
34.4	104.5	12168.9	200.0	-59.9	99.9	282.3	26.7	26.0	-5.7	337.9	999.9	99.9	999.9	12.3	96
36.4	109.8	12996.0	175.0	-64.1	99.9	283.7	25.7	25.0	-6.1	344.2	999.9	99.9	999.9	15.5	97
39.0	115.7	13943.1	150.0	-61.3	99.9	279.2	21.7	21.5	-3.5	364.6	999.9	99.9	999.9	19.1	98
42.3	122.2	15064.4	125.0	-64.9	99.9	287.9	18.3	17.5	-5.8	377.4	999.9	99.9	999.9	23.0	99
46.4	129.3	16415.6	100.0	-66.6	99.9	295.4	13.3	12.0	-5.7	399.1	999.9	99.9	999.9	26.8	101
52.2	137.7	18158.4	75.0	-66.7	99.9	999.9	99.9	99.9	99.9	433.1	999.9	99.9	999.9	30.2	102
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11
BURNET, TEXAS

1 MAY 1982
1111 GMT

155 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8.8	386.5	974.6	15 8	13 1	20 0	1.5	-0.5	-1 4	291 1	316 5	9 8	84 0	0 0	0
99 9	99.9	99.9	1000.0	99.9	99.9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99.9	999 9	99 9	999 9	999 9	999
0 8	11.1	603 2	950.0	15 6	15 0	98 0	6 3	-6 2	0 9	293 0	322 6	11 4	96 3	0 3	250
1 6	13 5	830 1	925.0	15.1	14 6	128 1	5.5	-4 3	3 4	294 8	324 6	11 4	96 5	0 5	275
2 5	15.9	1062.6	900.0	14.1	13 3	131 2	6 7	-5 0	4 4	296 0	324 4	10 8	94 9	0 7	288
3 3	18 3	1300.2	875.0	13.1	3 3	131.0	9 6	-7.3	6.3	297 4	312 7	5 6	51 9	1 1	296
4 1	20 7	1544 [illegible]	850.0	12.7	-1 5	132.5	10.6	-7 8	7 1	299 4	310 9	4 0	37 4	1 6	301
5 1	23.2	1793.6	825.0	11 0	-8 1	143 6	9.2	-5 5	7.4	300 2	307 6	2 5	25 4	2.2	305
5 9	25.7	2049.2	800.0	9 1	-6 4	150 2	8.2	-4 1	7 1	300 9	309 5	3 0	32 8	2 6	309
6 9	28.2	2311.2	775.0	7.1	-4 5	154 7	8.7	-3 7	7.9	301.4	311 6	3 5	43 6	3 0	312
7 8	30.8	2579.9	750.0	4 8	-1 7	155.6	11.1	-4 6	10.1	301 8	314 6	4 5	62 8	3 5	316
8 8	33.4	2855.4	725.0	2 2	-1 5	164.6	11.8	-3.1	11.4	301 9	315 3	4 7	76 3	4 1	319
9 8	36.1	3138.2	700.0	0 5	-1 0	176 9	10.9	-0 6	10 9	303 0	317 5	5 1	89 6	4 8	324
10 8	38.7	3429.9	675.0	-0 8	-1.3	186 4	8.1	0 9	8.0	304 7	319 4	5 2	96 3	5 3	328
12 0	41.4	3731.0	650.0	-2.3	-2 9	190 4	3 6	0 6	3.5	306 3	320 1	4 8	96 2	5 6	331
13 1	44.2	4041 7	625.0	-4 3	-5 5	221 9	1 7	1 1	1 3	307 5	319 4	4 1	91 6	5 7	332
14.3	47.0	4362.7	600.0	-5.4	-11.1	257 0	1 4	1 3	0 3	309.9	318 1	2 7	63.7	5 7	333
15 5	49 9	4695.7	575.0	-7 7	-13.7	295 9	2 0	1 8	-0.9	311 0	318 1	2 3	62 1	5 6	334
16.8	52.9	5040.2	550.0	-10 1	-16.3	312 3	3 1	2 3	-2 1	312 1	318 1	1 9	60.5	5 4	334
18 0	55.9	5398.1	525.0	-12 0	-18 7	309 5	3.2	2 5	2.1	314 0	319 3	1 7	57 4	5 2	335
19.3	58 9	5770.3	500.0	-13 8	-24.6	302.5	3.9	3.3	-2 1	316 2	319 6	1 0	39 7	5 0	337
20.6	62.0	6158.1	475.0	-16.7	-30.5	301.3	4.3	3 7	-2.2	317 3	319 5	0 6	28 9	4 7	339
21.9	65.3	6562.0	450.0	-20.0	-28 7	319 8	4 2	2 7	-3 2	318 2	320 8	0 8	45 3	4 4	342
23 6	68.6	6983.6	425.0	-22.7	-31 3	332.6	4.2	1 9	-3 7	319.9	322 1	0 7	45 2	4 0	343
25.1	72.0	7425.1	400.0	-26.3	-34.5	348 0	4 9	1 0	-4 8	320.8	322 5	0 5	46 0	3 6	343
26.6	75.5	7888.2	375.0	-30 2	-35.4	351 3	6.4	1 0	-6 3	321.7	323 4	0 5	59 5	3 1	342
28 2	79.1	8375.4	350.0	-33.9	-39 5	353.4	7 2	0.8	-7 1	323 0	324 2	0 3	56 8	2 5	339
29 6	82.9	8889.2	325 0	-38 8	-43 6	355 5	7 9	0 6	-7 9	323 2	324 1	0 2	59 8	1 9	334
31 4	86.9	9432.7	300.0	-44.1	99 9	999 9	99.9	99.9	99.9	323 2	999 9	99 9	999 9	1 0	319
33 8	91.0	10010.8	275 0	-48 0	99 9	999 9	99 9	99 9	99 9	325 7	999 9	99 9	999 9	999 9	999
36 1	95.5	10633.5	250.0	-53.0	99 9	999.9	99.9	99 9	99.9	327 4	999 9	99 9	999 9	2 5	155
38 3	100 2	11307.1	225.0	-56 8	99 9	332 8	13 7	6 3	-12 2	331 5	999 9	99 9	999 9	4 3	156
40 5	105.0	12056.6	200 0	-55 6	99 9	302 6	17.3	14 6	-9 4	344 8	999 9	99 9	999 9	6 0	150
42 9	110.4	12901.0	175.0	-58.4	99 9	302 2	17 9	15 2	-9 6	353 5	999 9	99 9	999 9	8 5	141
45 6	116.2	13860.6	150.0	-61.7	99 9	286 6	18.4	17 6	-5 3	363 8	999 9	99 9	999 9	11 2	135
48 8	122.7	14991.6	125.0	-62 7	99 9	276.0	15.8	15 8	-1 6	381 5	999 9	99 9	999 9	13 9	127
52 5	130 0	16361.9	100.0	-64 4	99 9	279 8	15 4	15 2	-2 6	403 3	999 9	99 9	999 9	17 1	121
57 2	138.3	18120.5	75.0	-64 6	99 9	289 9	8 6	8 1	-2 9	437 5	999 9	99 9	999 9	22 5	117
64 2	148.0	20608.9	50.0	-60.0	99 9	288.0	4.3	4 1	-1 3	502 2	999 9	99 9	999 9	22 1	119
75 6	158 0	25022.7	25.0	-53.7	99 9	311 4	3 9	2 9	-2 6	630 4	999 9	99 9	999 9	22 9	120

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

STATION NO 11
BURNET, TEXAS

1 MAY 1982
1402 GMT

160 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	386.5	976.0	17.8	7.0	0.0	0.0	0.0	0.0	293.0	310.2	5.4	49.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	8.9	395.3	975.0	17.8*	99.9	35.7	2.1	-1.2	-1.7	293.1	999.9	99.9	999.9	0.1	300
0.7	11.2	616.6	950.0	16.3	15.4	78.9	4.4	-4.3	-0.8	293.8	324.2	11.7	94.5	0.3	242
1.7	13.5	843.5	925.0	14.7	14.0	116.5	5.1	-4.5	2.3	294.4	323.0	10.9	95.1	0.5	256
2.6	15.7	1075.4	900.0	13.2	11.5	140.4	6.7	-4.2	5.1	295.1	320.3	9.5	89.7	0.7	276
3.5	18.1	1311.9	875.0	11.7	5.7	137.3	10.2	-6.9	7.5	296.0	313.9	6.6	66.7	1.1	294
4.5	20.4	1555.5	850.0	12.5	2.0	141.8	11.1	-6.9	8.7	299.2	313.8	5.2	48.8	1.7	303
5.3	22.8	1805.1	825.0	10.8	-2.3	147.6	9.7	-5.2	8.2	300.0	311.1	3.9	39.9	2.2	308
6.2	25.2	2060.7	800.0	9.1	-6.3	153.3	8.2	-3.7	7.4	300.8	309.5	3.0	33.0	2.7	312
7.1	27.6	2322.9	775.0	7.1	-3.8	160.4	7.6	-2.5	7.1	301.5	312.2	3.7	45.9	3.0	315
8.0	30.1	2591.5	750.0	4.9	-2.5	166.0	8.4	-2.0	8.2	301.9	314.0	4.3	59.1	3.5	319
9.0	32.6	2867.3	725.0	2.6	-0.9	174.6	8.7	-0.8	8.6	302.4	316.4	5.0	77.9	3.9	323
10.0	35.1	3150.7	700.0	1.0	-0.4	185.6	8.4	0.8	8.4	303.6	318.7	5.3	90.2	4.3	327
11.1	37.9	3443.0	675.0	-0.3	-0.9	193.7	5.5	1.3	5.4	305.3	320.5	5.3	95.6	4.6	331
12.1	40.8	3744.8	650.0	-1.8	-3.2	186.8	3.3	0.4	3.3	306.9	320.4	4.7	90.1	4.9	333
13.1	43.8	4055.8	625.0	-4.4	-5.0	205.3	1.7	0.7	1.5	307.4	319.8	4.2	95.8	5.0	334
14.3	46.8	4376.5	600.0	-8.4	-12.1	217.6	1.7	1.0	1.3	308.8	316.4	2.5	63.7	5.0	335
15.4	49.9	4708.7	575.0	-7.9	-12.6	235.1	1.6	1.3	0.9	310.7	318.4	2.5	68.9	5.1	336
16.7	53.0	5053.2	550.0	-10.1	-15.4	320.0	2.1	1.4	-1.6	312.2	318.6	2.1	64.9	5.0	337
18.0	56.1	5410.9	525.0	-12.0	-20.4	0.0	3.5	-0.0	-3.5	314.1	318.6	1.4	49.3	4.8	336
19.4	59.3	5783.5	500.0	-13.8	-21.9	14.0	4.2	-1.0	-4.1	316.3	320.6	1.3	50.1	4.5	334
20.8	62.4	6172.1	475.0	-15.6	-25.7	10.4	3.6	-0.6	-3.5	318.7	322.0	1.0	41.2	4.3	331
22.2	65.8	6578.2	450.0	-18.3	-29.7	354.1	3.6	0.4	-3.6	320.2	322.7	0.7	35.9	4.0	329
23.6	69.3	7002.2	425.0	-21.6	-35.0	337.2	4.8	1.8	-4.4	321.4	323.0	0.5	28.3	3.7	328
25.0	72.9	7448.2	400.0	-24.7	-42.9	331.2	6.0	2.9	-5.3	322.9	323.7	0.2	16.5	3.2	327
26.6	76.6	7912.3	375.0	-28.7	-44.3	323.5	6.8	4.0	-5.4	323.6	324.3	0.2	20.6	2.6	327
28.4	80.4	8402.2	350.0	-32.5	-49.2	319.4	8.7	5.7	-6.6	324.9	325.4	0.1	17.0	1.9	329
30.0	84.3	8920.7	325.0	-35.5	-53.0	333.5	14.7	8.6	-13.2	327.7	328.0	0.1	14.6	0.8	334
31.8	88.6	9472.5	300.0	-39.9	99.9	342.0	19.1	5.9	-18.2	329.1	999.9	99.9	999.9	1.2	164
33.9	93.0	10060.2	275.0	-45.3	99.9	342.4	19.5	5.9	-18.6	329.7	999.9	99.9	999.9	3.6	163
36.0	97.4	10688.9	250.0	-50.4	99.9	341.0	19.3	6.3	-18.2	331.1	999.9	99.9	999.9	5.9	163
38.2	102.2	11359.6	225.0	-54.5	99.9	335.4	21.2	8.8	-19.3	335.0	999.9	99.9	999.9	8.6	162
40.5	107.3	12117.7	200.0	-57.7	99.9	307.5	23.5	18.7	-14.4	341.4	999.9	99.9	999.9	11.4	157
43.2	112.7	12953.7	175.0	-59.4	99.9	303.1	22.5	18.8	-12.3	351.8	999.9	99.9	999.9	15.0	148
46.1	118.7	13926.8	150.0	-58.3	99.9	287.8	17.2	16.3	-5.3	369.6	999.9	99.9	999.9	17.7	143
49.3	125.3	15063.3	125.0	-61.3	99.9	280.2	17.6	17.4	-3.1	384.0	999.9	99.9	999.9	20.4	137
53.5	133.0	16442.3	100.0	-61.5	99.9	288.8	14.6	13.8	-4.7	408.9	999.9	99.9	999.9	23.9	131
58.4	141.7	18213.6	75.0	-63.0	99.9	291.1	9.8	9.1	-3.5	440.8	999.9	99.9	999.9	27.5	128
65.0	151.7	20734.3	50.0	-59.1	99.9	265.4	3.3	3.3	0.3	504.4	999.9	99.9	999.9	29.0	128
75.7	162.5	25166.3	25.0	-51.8	99.9	282.2	1.8	1.7	-0.4	836.0	999.9	99.9	999.9	29.4	129

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ORIGINAL PAGE IS
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STATION NO. 11
BURNET, TEXAS

1 MAY 1982
1702 GMT

153 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.1	386 5	977.0	22 3	18 3	360 0	1 0	0 0	-1 0	297 4	329 3	12 1	69 0	0 0	0
99 9	99.9	99 9	1000.0	99 9	99 9	99 9	99 9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
0 1	9.3	404 3	975.0	21.7*	99 9	298 9	2 0	1 8	-0 9	297 0	999 9	99 9	999 9	0 0	332
0 9	11.6	627 1	950.0	16.3	13 5	55 6	5 4	-4.4	-3 0	293 7	320 7	10 3	83 8	0 3	222
1 8	13.9	853 9	925.0	14 7	13 9	91 8	3.8	-3 8	0 1	294 4	322 9	10 9	95.0	0 5	233
2 4	16.4	1085.8	900.0	13 4	12 6	141 7	3.3	-2 1	2.6	295 3	322 4	10 3	95 3	0 5	248
3 3	18.8	1322.6	875.0	11 0	10 3	152 9	5.8	-2 6	5 1	295 2	319 2	9 0	95 3	0 6	270
4 2	21.3	1564.3	850.0	9.1	2 5	146 1	9 1	-5.1	7 5	295 7	311 0	5 6	64 6	0 9	292
5 1	23.8	1810.9	825.0	9 7	-8 8	150.4	9 9	-4 9	8 6	298 9	305 8	2 4	26 2	1 4	306
6 1	26.3	2066.5	800.0	9 6	-15 0	152.8	9 0	-4 1	8 0	301 4	305 9	1 5	16 0	1 9	314
7 1	28.8	2328 7	775.0	7 5	-16 4	155 9	9 4	-3 8	8 5	301 9	306 0	1 4	16 4	2 4	318
8.0	31.3	2597.4	750.0	5 5	-9.5	167.1	9 1	-2 0	8 9	302 6	310 0	2 5	33 4	2 9	322
9 1	33.9	2873.3	725.0	2 9	-6 5	179 1	8 3	-0 1	8 3	302 7	312 1	3 2	49 7	3 4	327
10 2	36.6	3157.1	700 0	1 4	-3 9	196 9	6 5	1 9	6 2	304 1	315 9	4 1	67 8	3 8	332
11 4	39.2	3449 5	675 0	0 0	-3 1	197 5	3 9	1 2	3 7	305 7	318 7	4 5	79 6	4 0	336
12 5	41.9	3751 2	650.0	-2 2	-5 8	184 7	2 6	0 2	2 6	306 5	317 7	3 8	76 2	4 2	337
13 7	44.6	4061.8	625.0	-4 1	-7 1	240 9	1 2	1 0	0 6	307 7	318 4	3 6	80 7	4 3	338
14 9	47 3	4384.2	600.0	-4.6	-12 5	327 7	0 6	0 3	-0 5	310 8	318 2	2 4	53 9	4 2	339
16 2	50.0	4717 7	575 0	-6 7	-15 8	57 2	1 4	-1 1	-0 7	312 1	318 2	1 9	48 3	4 2	338
17 5	52.9	5063.7	550 0	-8 7	-15 6	61 0	2 3	-2 0	-1 1	313 8	320 2	2 1	57 2	4 2	336
18.8	55 9	5423 4	525.0	-10 0	-28 5	65 7	1 5	-1 4	-0 6	316 5	318 8	0 7	20 5	4 2	334
20 0	58 8	5798.1	500.0	-12 3	-30 8	175 9	0 4	-0.0	0 4	318 0	320 0	0 6	19 7	4 2	333
21 4	61.9	6188.1	475.0	-14 9	-35 2	267 1	1.5	1 5	0 1	319 5	320 9	0 4	15 8	4 2	334
23 1	65.1	6595 0	450.0	-18 0	-40 2	305 3	3 1	2 5	-1 8	320 6	321 5	0 2	12 2	4 0	336
24 5	68.4	7019.6	425.0	-21 4	-43 7	30[illegible] 5	3 8	3 2	-2 0	321 6	322 3	0 2	11 2	3 8	338
26 2	71.7	7464.0	400.0	-24 7	-50 4	288.9	5 2	4 9	-1 7	322 9	323 3	0 1	7 0	3 5	344
27.9	75.1	7930.2	375 0	-28 0	-54 1	310 7	6 9	5 2	-4 5	324 5	324 8	0 1	6 3	3 1	352
29.8	78.7	8422.7	350.0	-31 1	-51 3	329 4	8 6	4 4	-7 4	326 8	327 1	0 1	11 6	2 3	1
31 5	82 4	8943.4	325.0	-35 5	-49 4	318 1	10 2	6 8	-7 6	327 8	328 2	0 1	22 4	1 6	21
33 4	86.0	9495.4	300.0	-39 9	99.9	310 3	12 7	9.7	-8 3	329 2	999 9	99 9	999 9	1 7	66
35.5	90.2	10083.5	275.0	-44 9	99 9	310 5	14 5	11 0	-9 4	330 2	999 9	99 9	999 9	2 9	99
37 5	94.4	10713.2	250.0	-49 6	99 9	304.2	14 9	12 3	-8 4	332 4	999 9	99 9	999 9	4 8	110
39.8	99.0	11394 2	225.0	[illegible].5 1	99 9	304 1	15 7	13.0	-8 8	334 1	999 9	99 9	999.9	6 5	114
42 2	103.8	12140.8	200.0	38 7	99 9	301 6	19.9	17.0	-10 4	339 9	999 9	99 9	999 9	9 2	117
44 9	109.0	12973.2	175.0	-61 6	99 9	293 8	23 0	21 0	-9 3	348 3	999 9	99 9	999 9	12 6	117
48.0	114.7	13940 0	150.0	-58 9	99 9	294.2	21.6	19 7	-8 8	368 6	999 9	99 9	999 9	16 8	116
51 3	121.0	15075.7	125.0	-61.8	99 9	288 6	18 2	17 2	-5 8	383 1	999 9	99 9	999 9	20 8	115
55 3	128.0	16450.2	100.0	-62 7	99 9	286 9	13 4	12 8	-3 9	406 6	999 9	99 9	999 9	24 6	114
60.4	136 3	18230.1	75.0	62 6	99 9	277 0	8 9	8 6	-1 1	441 6	999 9	99 9	999 9	28 0	112
67 0	146 0	20739 9	50 0	-60 2	99 9	4 7	2 8	-0 2	-2 8	501 7	999 9	99 9	999 9	29 5	112
77 3	156 5	25179.8	25.0	-49 6	99 9	316 7	3 2	2 2	-2 3	642 3	999 9	99 9	999 9	29 6	113

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 11
BURNET, TEXAS

1 MAY 1982
2003 GMT

155 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 1	386 5	976 0	23 8	10 5	95 0	1 0	-1 0	0 1	299 0	321 3	8 2	47 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	93 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 0	9 2	395 5	975 0	23 5	10 8	96 6	1 3	1 3	0 1	298 8	321 6	8 4	45 2	0 0	350
0 8	11 6	620 6	950 0	19 5	12 9	111 3	3 8	-3 5	1 4	296 9	323 3	9 9	65 7	0 2	274
1 8	14 0	849.7	925 0	17 8	12 6	109 0	4 3	-4 1	1 4	297 5	324 2	10 0	71 9	0 4	285
2 8	16 5	1083 6	900 0	15 3	12 2	101 0	4 5	-4 3	1 1	297 2	323 9	10 0	82 0	0 7	284
3 9	18 9	1322 1	875 0	13 [illegible]	11 4	129 4	4 1	-3 2	2 6	297 6	323 6	9 8	88 7	1 0	285
4 8	21 4	1565 8	850 0	11 2	9 7	147 7	5 9	-3 2	5 0	297 8	321 9	8 9	90 7	1 2	294
5 7	23 8	1814.8	825 0	9 4	8 2	153 0	7 9	-3 6	7 1	298 5	320 9	8 3	92 3	1 5	303
6 7	26 4	2069 8	800 0	7 5	6 3	155 9	8 2	-3 3	7 4	299 1	319 6	7 5	92 1	1 9	310
7 5	28.9	2331 2	775 [illegible]	6 2	5 0	159 4	7 3	-2 6	6 8	300 5	319 9	7 1	91 6	2 3	315
8 4	31 5	2599 7	750 0	4 4	3 7	158 5	6 7	-2 5	6 3	301 3	319 9	6 7	95 5	2 6	318
9 1	33 9	2875 2	725 0	2 6	1 8	162 7	6 2	-1 8	5 9	302 4	319 2	6 0	94 2	2 9	320
9 9	36 5	3159 1	700 0	1.4	0 3	168 6	5 3	-1 0	5 2	304 0	319 9	5 6	92 8	3 1	322
10 6	39 2	3451.7	675 0	-0 3	-1 4	178 2	4 0	-0 1	4 0	305 3	319 9	5 1	92 1	3 3	324
11.5	42 0	3753 1	650 0	-2 1	-3 3	164 4	2 7	-0 7	2 6	306 6	320 0	4 6	91 3	3 5	326
12.5	44 8	4063 6	625 0	-4 7	-7 0	269 5	0 9	0 9	0 0	307 1	317 7	3 6	83 5	3 5	326
13 7	47.6	4385 1	600.0	-5 3	-10 4	265 7	0 9	0 9	0 1	310 0	318 7	2 9	67 2	3 5	326
15 0	50 4	4718 6	575 0	-6.8	-12 5	150 8	0 7	-0 3	0 6	312 1	319 8	2 5	63 3	3 5	327
16 3	53 4	5064 4	550 0	-9 0	-16 3	145 8	0 8	-0 4	0 7	313 4	319 5	1 9	55 4	3 5	326
17 4	56 4	5423.7	525 0	-10 6	-20 9	246 1	1 2	1 1	0 5	315 7	320 1	1 4	42 5	3 6	326
18 6	59 4	5797 2	500 0	-13 3	-25 6	266 5	2 9	2 9	0 2	316 8	320 0	0 9	34 4	3 5	328
19 8	62 6	6185.8	475 0	-15 0	-33 0	261 2	4.3	4 3	0 7	318 5	320 2	0 5	21 3	3 4	333
21 2	65 8	6591 8	450 0	-17 9	-38 2	267 1	4 8	4 8	0 2	320 7	321 8	0 3	15 0	3 3	339
22 8	69 1	7017 3	425 0	-20 4	-42 0	287 0	6 2	6 0	-1 8	322 9	323 7	0 2	12 3	3 1	347
24 1	72 6	7463.9	400 0	-23 0	-44 2	294 9	6 1	5 5	-2 6	325 1	325 8	0 2	12 3	2 8	356
25 6	76 1	7933 3	375 0	-26 4	-45 2	301 6	7 4	6 3	-3 9	326 7	327 4	0 2	15 0	2 6	7
27 2	79 7	8428 4	350 0	-30 3	-48 9	313 7	8.8	6 4	-6 1	327 9	328 4	0 1	14 1	2 2	23
29 1	83 6	8951.1	325 0	-34 6	-52 8	303 6	10 7	8 9	-5 9	329 1	329 4	0 1	13 5	2 2	52
30 9	87.5	9504.3	300 0	-39.7	99 9	294 3	13 0	11 9	-5 3	329 4	999 9	99 9	999 9	3 0	76
32 8	91 7	10093.1	275 0	-44 9	99 9	286 1	12 4	11 9	-3 4	330 2	999 9	99 9	999 9	4 2	87
34 8	96 2	10723 1	250 0	-49 9	99 9	279 8	14 3	14 1	-2 4	331 9	999 9	99 9	999 9	5 7	91
36 8	100 7	11404.2	225 0	-54 7	99 9	290 1	17 3	16 2	-5 9	334 8	999 9	99 9	999 9	7 6	94
39 2	105 8	12151 1	200 0	-58 6	99 9	289 7	20 5	19 3	-6 9	340 1	999 9	99 9	999 9	10 1	99
41 7	111 0	12984.1	175 0	-59.1	99 9	285 8	24 7	23 8	-6 7	352 4	999 9	99 9	999 9	13 6	101
44 6	117 0	13948 4	150 0	-59 8	99 9	289 4	24 0	22 7	-8 0	367 0	999 9	99 9	999 9	18 0	103
47 8	123 5	15079.6	125 0	-62.4	99 9	288 1	20 6	19 6	-6 4	381 9	999 9	99 9	999 9	22 0	104
51.6	131 0	16450.8	100 0	-62 0	99 9	282 3	15 7	15 4	-3 4	408 0	999 9	99 9	999 9	26 3	104
56 4	139.3	18217 5	75 0	-64.0	99 9	292 4	9 9	9 7	-2 1	438 8	999 9	99 9	999 9	29 6	104
62 7	149.0	20724 3	50 0	-58 9	99 9	296 0	4 5	4 0	-2 0	504 6	999 9	99 9	999 9	31 4	105
72 6	159 3	25174.8	25 0	-49.9	99 9	49 1	2 7	-2 0	-1 8	61 4	999 9	99 9	999 9	32 0	106

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

STATION NO. 11
BURNET, TEXAS

1 MAY 1982
2307 GMT

155 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	386.5	974.3	22.2	15.8	60.0	5.0	-4.3	-2.5	297.6	328.5	11.7	67.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	10.7	605.5	950.0	19.9	14.6	82.1	7.7	-7.7	-1.1	297.4	326.7	11.1	71.5	0.4	262
1.5	13.1	835.0	925.0	17.5	14.9	86.6	7.5	-7.5	-0.4	297.2	328.0	11.7	85.0	0.8	263
2.3	15.5	1069.1	900.0	16.0	12.3	101.9	5.3	-5.2	1.1	298.0	324.9	10.1	78.5	1.1	265
3.3	17.9	1308.4	875.0	14.4	10.9	122.0	4.6	-3.9	2.4	298.7	324.1	9.5	79.8	1.3	270
4.2	20.4	1552.9	850.0	12.2	9.1	132.7	5.2	-3.8	3.5	298.9	322.1	8.6	81.3	1.5	277
5.1	22.8	1802.7	825.0	10.1	7.8	139.8	5.4	-3.5	4.1	299.3	321.2	8.1	85.5	1.8	283
6.1	25.4	2058.5	800.0	8.8	6.3	152.0	5.7	-2.7	5.0	300.3	321.0	7.5	85.5	2.0	289
7.2	27.8	2320.8	775.0	6.8	3.9	164.6	6.3	-1.7	6.1	301.2	319.4	6.6	81.9	2.3	296
8.4	30.3	2590.1	750.0	5.7	0.6	176.4	5.7	-0.4	5.7	302.8	317.8	5.3	69.7	2.6	305
9.6	32.9	2866.9	725.0	3.8	-0.8	178.6	4.6	-0.1	4.6	303.7	317.9	5.0	71.7	2.8	311
10.7	35.5	3151.5	700.0	1.7	-0.4	166.2	2.7	-0.7	2.6	304.4	319.6	5.3	86.1	3.0	315
11.8	38.2	3444.2	675.0	0.1	-1.2	129.9	1.0	-0.8	0.7	305.8	320.7	5.2	91.2	3.1	315
12.9	40.9	3745.7	650.0	-2.3	-3.1	116.0	0.8	-0.7	0.3	303.3	319.8	4.7	94.4	3.1	315
14.1	43.7	4056.7	625.0	-4.0	-11.5	203.0	1.5	0.6	1.4	307.9	316.0	2.7	59.7	3.2	315
15.3	46.5	4379.3	600.0	-3.9	-17.2	233.3	2.1	1.7	1.2	311.6	316.8	1.6	34.6	3.2	318
16.5	49.4	4713.8	575.0	-6.2	-18.2	245.2	2.5	2.3	1.0	312.8	317.8	1.6	37.7	3.2	321
17.8	52.3	5060.5	550.0	-7.9	-28.2	224.7	2.1	1.5	1.5	314.7	316.9	0.7	17.7	3.1	324
19.0	55.3	5420.6	525.0	-10.2	-29.8	204.9	1.9	0.8	1.7	316.2	318.2	0.6	18.2	3.2	326
20.3	58.4	5794.2	500.0	-13.1	-26.0	233.9	2.3	1.9	1.4	317.0	320.2	1.0	35.4	3.2	329
21.6	61.5	6184.0	475.0	-14.4	-33.9	271.9	3.8	3.8	-0.1	320.2	321.8	0.5	17.3	3.2	332
23.1	64.7	6592.0	450.0	-16.9	-39.0	302.7	5.5	4.6	-3.0	322.0	323.0	0.3	12.5	2.9	338
24.6	68.0	7018.8	425.0	-19.2	-39.7	307.1	6.2	4.9	-3.7	324.3	325.3	0.3	14.2	2.4	344
26.3	71.4	7467.1	400.0	-22.8	-43.6	312.8	7.6	5.6	-5.1	325.3	326.0	0.2	12.9	1.9	356
27.7	74.9	7936.5	375.0	-26.5	-46.3	306.2	8.3	6.7	-4.9	326.6	327.2	0.2	13.3	1.5	15
29.4	78.6	8430.9	350.0	-30.6	-50.1	300.2	11.0	9.5	-5.5	327.5	327.9	0.1	12.7	1.5	50
31.0	82.3	8952.9	325.0	-35.0	-53.7	298.2	12.7	11.2	-6.0	328.5	328.8	0.1	12.8	2.2	81
32.8	86.3	9505.2	300.0	-40.3	99.9	291.0	13.4	12.5	-4.8	328.6	999.9	99.9	999.9	3.5	94
34.6	90.5	10092.5	275.0	-45.1	99.9	287.6	16.9	16.1	-5.1	329.9	999.9	99.9	999.9	5.2	98
36.8	94.8	10722.7	250.0	49.1	99.9	283.4	19.9	19.3	-4.6	333.1	999.9	99.9	999.9	7.4	101
39.2	99.4	11408.3	225.0	-53.2	99.9	278.8	23.9	23.7	-3.6	337.0	999.9	99.9	999.9	10.6	100
41.7	104.5	12157.2	200.0	-58.6	99.9	280.3	26.4	26.0	-4.7	339.6	999.9	99.9	999.9	14.3	100
44.3	110.0	12989.7	175.0	-61.3	99.9	287.3	28.5	27.2	-8.5	348.8	999.9	99.9	999.9	18.6	101
47.3	115.7	13946.4	150.0	-61.2	99.9	292.3	27.0	25.0	-10.3	364.7	999.9	99.9	999.9	23.7	103
50.6	122.2	15074.1	125.0	-63.1	99.9	291.4	23.6	22.0	-8.6	380.8	999.9	99.9	999.9	28.8	105
54.5	1[illegible]9.7	16441.7	100.0	-64.4	99.9	294.8	17.1	15.5	-7.2	403.4	999.9	99.9	999.9	33.5	106
59.6	136.0	18201.2	75.0	-64.7	99.9	295.3	10.6	9.5	-4.5	437.3	999.9	99.9	999.9	37.5	105
66.3	147.7	20712.1	50.0	-59.9	99.9	349.1	2.4	0.4	-2.3	502.3	999.9	99.9	999.9	39.4	107
76.9	158.0	25133.8	25.0	-52.0	99.9	62.8	4.0	-3.5	-1.8	635.1	999.9	99.9	999.9	39.0	110

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ORIGINAL PAGE IS
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STATION NO 11
BURNET TEXAS

2 MAY 1982
215 GMT

149 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 3	386 5	975 3	18 9	15 6	0 0	0 0	0 0	0 0	294 2	324 2	11 5	81 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 0	9 3	389 1	975 0	18 9	99 9	3 4	0 4	-0 0	-0 4	294 2	999 9	99 9	999 9	0 0	357
0 7	11 6	612 0	950 0	17 9	15 6	97 4	11 6	-11 5	1 5	295 4	326 3	11 8	86 3	0 3	272
1 6	14 0	840 5	925.0	16.5	15 6	109 3	10 1	-9 6	3 4	296 2	328 2	12 2	94 4	0 9	278
2 5	16 4	1074 2	900 0	15.2	12 1	131 9	8 7	-6 5	5 8	297 2	323 7	10 0	82 1	1 4	286
3 5	18 [illegible]	1312 9	875 0	14 1	11 0	143 8	6 9	-4 1	5 5	298 4	323 8	9 5	81 5	1 8	295
4.5	21 3	1557 4	850 0	12 2	9 3	136 8	4 9	-3 4	3 6	299 0	322 4	8 7	82 0	2 1	300
5 5	23 6	1807 4	825 0	10 3	8 2	144 7	5 0	-2 9	4 0	299 5	322 1	8 3	87 0	2 4	301
6.4	26 3	2063 4	800 0	8 8	5 2	175 8	5 5	-0 4	5 5	300 5	319 7	7 0	78 3	2 6	305
7 3	28 8	2325 8	775.0	7.2	1 9	196 0	6 4	1 8	6 1	301 5	317 5	5 7	69 2	2 7	311
8 2	31 3	2595 0	750 0	4 9	2 8	200 4	5 8	2 0	5 4	301 9	319 3	6 3	86 2	2 9	318
9 3	34 0	2870 9	725 0	3 0	0 4	196 6	5 1	1 5	4 9	302 7	318 1	5 4	85 0	3 1	323
10 4	36 7	3155 3	700 0	2 4	-2 8	186 4	4 4	0 5	4 4	305 1	317 9	4 4	68 5	3 3	328
11 4	39 3	3448 9	675 0	0 9	-3 9	154 0	3 5	-1 5	3 2	306 7	319 1	4 3	70 2	3 5	329
12 5	42 1	3751 3	650.0	-1 7	-4 5	123 8	4 3	-3 6	2 4	307 1	319 4	4 2	81 0	3 7	328
13 7	44 9	4062 5	625 0	-4.5	-5 4	126 2	4 4	-3 6	2 6	307 3	319 3	4 1	93 7	4 0	326
14 8	47 6	4384 1	600.0	-4 8	-12 2	175 6	2 0	-0 2	2 0	310 5	318 2	2 5	56 5	4 2	326
16 1	50 7	4717 9	575 0	-6.8	-13 4	250.6	2 1	1 9	0 7	312 0	319 2	2 4	59 4	4 2	327
17 3	53 7	5063 7	550 0	-8.7	-18 7	281.9	1 9	1 9	-0 4	313 8	318 9	1 6	44 0	4 2	329
18 6	56 8	5422 9	525 0	-10 9	-19 8	274 6	1 7	1 7	-0 1	315 3	320 2	1 5	49 1	4 1	330
20 0	59 9	5796 4	500 0	12 4	-21 7	297	2.4	2 1	-1 1	317 9	322 3	1 4	46 2	4 0	332
21.5	63 0	6187 2	475 0	-13 9	-58 8	328.3	4 4	2 3	-3 7	320 7	320 8	0 0	1 0	3 7	333
23 1	66 4	6596 2	450 0	-16 5	-60 4	332.2	6 1	2 8	-5 4	322 5	322 6	0 0	1 0	3 2	333
24 7	69 7	7023 0	425 0	-20.0	-62 7	321 1	6 8	4 3	-5 3	323 3	323 4	0 0	1 0	2 6	334
26.3	73 1	7469 5	400 0	-23.1	-64 6	311 5	8 3	6 2	-5 5	325 0	325 1	0 0	1 0	1 9	342
28 1	76 9	7938 0	375 0	-27 6	-67 6	303 9	9 6	7 9	-5 3	325 0	325 1	0 0	1 0	1 2	8
29 9	80 5	8430 4	350 0	-31.7	-70 3	301 7	11 3	9 6	-6 0	326 0	326 0	0 0	1 0	1 3	62
31.8	84 3	8949 6	325 0	-35.9	-73 1	294 1	11 7	10 7	-4 8	327 1	327 2	0 0	1 0	2 2	90
33 8	88 3	9501 4	300 0	-39.8	99 9	293 6	15 4	14 1	-6 2	329 3	999 9	99 9	999 9	3 7	99
35 9	92 5	10091 3	275 0	-43 4	99 9	291 2	22 9	21 4	-8 3	332 3	999 9	99 9	999 9	6 0	104
38.2	97 0	10725 6	250.0	-48.3	99 9	290 8	29 1	27 2	-10 3	334 2	999 9	99 9	999 9	9 8	107
40.7	101 6	11411 3	225 0	-53 9	99 9	287 4	31 3	29 9	-9 4	335 9	999 9	99 9	999 9	14 3	108
43 3	106 6	12159 0	200 0	-59 1	99 9	289 7	30 6	28 8	-10 3	339 2	999 9	99 9	999 9	19 3	107
45.8	111 8	12990 1	175 0	-62	99 9	292 5	25 4	23 5	-9 7	347 6	999 9	99 9	999 9	23 4	108
46 8	117 5	13944 2	150 0	-62 4	99 9	288 3	25 2	23 9	-7 9	362 6	999 9	99 9	999 9	27 7	109
52 0	123 5	15064 4	125 0	-64 7	99 9	290 8	22 9	21 5	-8 1	377 9	999 9	99 9	999 9	32 6	109
55.8	130 2	16424 2	100 0	-66.3	99 9	292 9	16 1	14 9	-6 3	399 8	999 9	99 9	999 9	37 2	109
60 8	137 5	18170 1	75 0	-64 9	99 9	287 0	7 7	7 4	-2 3	436 9	999 9	99 9	999 9	40 6	109
67 9	145 3	20651 7	50 0	-61 0	99 9	5 0	4 7	-0 4	-4 6	499 8	999 9	99 9	999 9	42 1	109
79.9	153.7	25088 4	25 0	-53 7	99 9	189 9	4 9	0 8	4 8	630 6	999 9	99 9	999 9	40 1	112

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 11
BURNET, TEXAS

2 MAY 1982
503 GMT

98 202 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	388.5	976.0	17.9	16.6	0.0	0.0	0.0	0.0	293.1	324.9	12.3	92.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	9.1	395.3	975.0	17.9	99.9	12.1	0.9	-0.2	-0.9	293.1	999.9	99.9	999.9	0.0	352
0.8	11.5	617.4	950.0	18.8	16.1	123.3	9.8	-8.2	5.4	294.2	326.0	12.2	95.5	0.3	286
1.7	13.9	844.9	925.0	16.0	14.0	128.0	11.4	-9.0	7.0	295.6	324.4	10.9	88.0	0.9	300
2.4	16.3	1078.1	900.0	14.8	11.7	131.9	10.6	-7.9	7.1	296.8	322.5	9.7	81.5	1.4	303
3.3	18.6	1316.1	875.0	12.8	11.8	142.5	8.9	-5.4	7.1	296.9	323.1	9.9	93.5	2.0	307
4.3	21.3	1559.7	850.0	11.6	8.7	148.4	6.1	-3.2	5.2	298.3	320.8	8.4	82.5	2.3	310
5.2	23.8	1809.2	825.0	10.0	8.0	149.3	4.8	-2.5	4.1	299.1	321.5	8.2	88.1	2.6	313
6.1	26.3	2064.7	800.0	8.1	7.2	152.8	4.9	-2.2	4.3	299.8	321.6	8.0	93.7	2.9	314
7.1	28.9	2326.7	775.0	6.6	4.7	164.1	3.5	0.3	3.5	301.0	320.1	6.9	87.3	3.1	316
8.0	31.4	2595.6	750.0	4.9	-0.1	197.0	2.6	0.8	2.5	301.9	316.2	5.1	70.3	3.1	319
9.0	34.1	2872.0	725.0	4.3	-2.0	179.9	2.4	-0.0	2.4	304.2	317.3	4.6	63.6	3.2	321
10.0	36.8	3157.5	700.0	2.7	-3.5	183.9	2.3	0.2	2.3	305.5	317.7	4.2	63.6	3.4	322
11.1	39.5	3450.8	675.0	0.3	-4.2	161.4	2.7	-0.8	2.5	306.0	318.0	4.1	71.6	3.5	324
12.2	42.2	3752.4	650.0	-2.2	-4.0	138.0	3.8	-2.5	2.8	306.5	319.2	4.4	87.4	3.7	324
13.3	45.1	4063.5	625.0	-3.3	-8.4	170.5	2.8	-0.5	2.7	308.7	318.4	3.2	67.4	3.9	324
14.5	47.9	4386.3	600.0	-4.7	-11.6	219.1	2.5	1.6	2.0	310.7	318.6	2.6	58.3	4.0	325
15.6	50.7	4720.2	575.0	-6.6	-14.7	232.3	3.0	2.3	1.6	312.3	318.8	2.2	52.4	4.0	328
16.7	53.6	5066.1	550.0	-9.0	-16.6	222.3	3.7	2.5	2.7	313.4	319.4	1.9	54.2	4.1	331
17.9	56.6	5424.7	525.0	-11.0	-18.4	227.9	3.0	2.2	2.0	315.2	320.6	1.7	54.4	4.2	335
19.2	59.8	5799.1	500.0	-12.0	-30.2	296.1	3.1	2.8	-1.4	318.4	320.8	0.6	20.4	4.2	337
20.6	62.9	6190.3	475.0	-14.0	-33.4	317.0	5.9	4.0	-4.3	320.7	322.3	0.5	17.4	3.8	338
22.0	66.1	6598.4	450.0	-17.0	-38.9	307.9	7.1	5.6	-4.3	321.9	323.0	0.3	12.8	3.3	343
23.5	69.4	7024.5	425.0	-20.7	-41.0	297.4	7.4	6.6	-3.4	322.4	323.3	0.2	14.2	2.8	351
25.0	72.9	7469.2	400.0	-24.6	-44.1	293.3	8.3	7.6	-3.3	323.0	323.7	0.2	14.4	2.5	5
26.6	76.4	7936.0	375.0	-28.0	-48.3	301.2	9.4	8.0	-4.9	324.6	325.1	0.1	12.2	2.3	25
28.4	80.1	8427.6	350.0	-32.1	-50.7	292.9	10.3	9.5	-4.0	325.5	325.9	0.1	13.6	2.5	43
30.2	84.0	8946.3	325.0	-36.3	-54.5	294.9	10.1	9.2	-4.2	326.7	326.9	0.1	[illegible]	3.1	68
32.1	88.0	9497.8	300.0	-39.2	-56.9	291.9	17.0	15.8	-6.3	330.1	330.3	0.1	[illegible]	4.2	81
34.1	92.2	10090.1	275.0	-43.3	99.9	288.8	23.6	22.3	-7.6	332.5	999.9	99.9	999.9	6.5	92
35.9	96.6	10725.0	250.0	-48.2	99.9	289.9	28.4	26.7	-9.7	334.4	999.9	99.9	999.9	9.3	97
38.0	101.3	11410.2	225.0	-54.3	99.9	999.9	99.9	99.9	99.9	335.4	999.9	99.9	999.9	13.0	100
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 12
COLLEGE STATION, TEXAS

1 MAY 1982
1100 GMT

16 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 9	79 0	1009 8	18 8	16 6	999 9	99 9	99 9	99 9	291 1	321 6	11 9	87 0	999 9	999
0 1	6 8	99 9	1000.0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.7	9 1	99 9	975 0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
1 5	11 5	99 9	950 0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
2 6	13 8	99 9	925 0	17 7	8 8	999 9	99 9	99 9	99 9	297 4	318 3	7 7	56 2	999 9	999
3 4	16 1	99 9	900 0	16 9	11 1	999 9	99 9	99 9	99 9	298 9	323 9	9 3	68 8	999 9	999
4 3	18 5	99 9	875 0	14 1	10 1	999 9	99 9	99 9	99 9	298 4	322 4	8 9	77 1	999 9	999
5 3	20 9	99 9	850.0	13 1	8 9	999 9	99 9	99 9	99 9	299 9	322 8	8 5	75 6	999 9	999
6 1	23 3	99 9	825 0	11 0	7 6	999 9	99 9	99 9	99 9	300 2	321 9	8 0	79 4	999 9	999
7 0	25 8	99 9	800 0	9 5	3 4	999 9	99 9	99 9	99 9	301 3	318 4	6 2	65 8	999 9	999
8 0	28 2	99.9	775 0	7 8	-1 4	999 9	99 9	99 9	99 9	302 2	314 9	4 5	51 9	999 9	999
8 9	30 6	99 9	750 0	5 6	-3 0	999 9	99 9	99 9	99 9	302 7	314 4	4 1	54 0	999 9	999
9.9	33 3	99 9	725 0	3 8	-4 7	999 9	99 9	99 9	99 9	303 7	314 5	3 8	54 3	999 9	999
10.9	36 0	99 9	700 0	1 7	-7 5	999 9	99 9	99 9	99 9	304 4	313 5	3 1	50 2	999 9	999
11 9	38 6	99 9	675.0	-0 2	-9 6	999 9	99 9	99 9	99 9	305 4	313 5	2 7	49 0	999 9	999
12 9	41 2	99 9	650.0	-2 5	-11 8	999 9	99 9	99 9	99 9	306 1	313 3	2 4	48 8	999 9	999
13 9	44 0	99 9	625 0	-5.2	-10 4	999 9	99 9	99 9	99 9	306 5	314 8	2 8	66 8	999 9	999
14 9	46 7	99.9	600 0	-6 8	-9 1	999 9	99 9	99 9	99 9	308 2	317 9	3 2	84 7	999 9	999
16 0	49 6	99 9	575.0	-6 8	-7 6	999 9	99 9	99 9	99 9	312 1	323 3	3 8	93 9	999 9	999
17 0	52 4	99 9	550 0	-8 8	-9 7	999 9	99 9	99 9	99 9	313 6	323 7	3 3	93 4	999 9	999
18 0	55 3	99 9	525 0	-11 5	-12 2	999 9	99 9	99 9	99 9	314 6	323 4	2 8	94 0	999 9	999
19 3	58 3	99 9	500 0	-14 2	-15 2	999 9	99 9	99 9	99 9	315 7	323 0	2 3	92 3	999 9	999
20 6	61 4	99 9	475 0	-16.9	-18 4	999 9	99 9	99 9	99 9	317 0	323 0	1 9	88 5	999 9	999
21 9	64 5	99 9	450 0	-19 5	-21 3	999 9	99 9	99 9	99 9	318 7	323 7	1 5	85 5	999 9	999
23 4	67 9	99.9	425.0	-22 7	-25 0	999 9	99 9	99 9	99 9	319 9	323 7	1 2	81 4	999 9	999
24.9	71 1	99.9	400.0	-26 1	-29 0	999 9	99 9	99 9	99 9	321 1	324 0	0 9	76 2	999 9	999
26 3	74 6	99 9	375 0	-29 6	-33 0	999 9	99 9	99 9	99 9	322 4	324 6	0 6	72 3	999 9	999
27.9	78.3	99 9	350 0	-34 2	-38 0	999 9	99 9	99 9	99 9	322 7	324 1	0 4	67 8	999 9	999
29 5	82 0	99 9	325 0	-38 7	-43 0	999 9	99 9	99 9	99 9	323 4	324 3	0 3	63 2	999 9	999
31 2	86 0	99 9	300 0	-43 5	99 9	999 9	99 9	99 9	99 9	324 1	999 9	99 9	999 9	999 9	999
33 1	90 0	99.9	275.0	-49 0	99 9	999 9	99 9	99 9	99 9	324 3	999 9	99 9	999 9	999 9	999
35 3	94 3	99 9	250 0	-53 4	99 9	999 9	99 9	99 9	99 9	326 8	999 9	99 9	999 9	999 9	999
37 6	98 0	99 9	225 0	-55 0	99 9	999 9	99 9	99 9	99 9	334 2	999 9	99 9	999 9	999 9	999
40 0	103 8	99 9	200 0	-58 6	99 9	999 9	99 9	99 9	99.9	339 6	999 9	99 9	999 9	999 9	999
42.9	109 2	99 9	175 0	-58 7	99 9	999 9	99 9	99 9	99 9	353 0	999 9	99 9	999 9	999 9	999
45.9	115.0	99.9	150.0	-50 6	99.9	999 9	99 9	99 9	99 9	385 6	999 9	99 9	999 9	999 9	999
49 7	121 7	99 9	125 0	62 6	99 9	999 9	99 9	99 9	99 9	381 7	999 9	99 9	999 9	999 9	999
53 8	129 0	99 9	100 0	64 4	99.9	999 9	99 9	99 9	99 9	403 4	999 9	99 9	999 9	999 9	999
58 8	137 7	99 9	75 0	-65 7	99 9	999 9	99 9	99 9	99 9	435 2	999 9	99 9	999 9	999 9	999
67 6	148 0	99.9	50 0	61 [illegible]	99 9	999 9	99 9	99 9	99 9	498 5	999 9	99 9	999 9	999 9	999
80 2	159 3	99 9	25 0	[illegible]	99.9	999 9	99 9	99 9	99 9	627 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION [illegible] N 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE [illegible] TIME [illegible] 5 BEEP INTERPOLATED
** BY SPEED MEANS [illegible] ON [illegible] THAN 6 DEG
** BY TEMP MEANS [illegible] EXCEEDS 5 CONTACTS

STATION NO 12
COLLEGE STATION, TEXAS

1 MAY 1982
1405 GMT

162 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1011.2	20.2	17.0	340.0	2.1	0.7	-2.0	292.4	323.9	12.2	82.0	0.0	0
0.3	8.9	174.8	1000.0	19.3*	99.9	999.9	99.9	99.9	99.9	292.4	999.9	99.9	999.9	999.9	999
0.9	9.1	390.8	975.9	18.1	99.9	999.9	99.9	99.9	99.9	293.4	999.9	99.9	999.9	999.9	999
1.8	11.4	613.3	950.0	18.5	12.1	999.9	99.9	99.9	99.9	296.0	321.0	9.4	86.3	999.9	999
2.5	13.8	841.7	925.0	17.0	11.9	999.9	99.9	99.9	99.9	298.7	322.2	9.6	72.2	999.9	999
3.4	16.0	1075.3	900.0	15.8	14.4	999.9	99.2	99.9	99.9	297.6	328.2	11.5	92.1	999.9	999
4.1	18.3	1313.8	875.0	13.6	99.9	999.9	99.9	99.9	99.9	297.9	999.9	99.9	999.9	999.9	999
5.2	20.6	1557.3	850.0	13.3	99.9	999.9	99.9	99.9	99.9	300.1	999.9	99.9	999.9	999.9	999
6.1	23.0	1807.6	825.0	11.4	4.4	999.9	99.9	99.9	99.9	300.6	318.3	6.4	62.1	2.5	297
6.9	25.5	2064.2	800.0	9.9	3.5	132.1	6.0	-4.5	4.0	301.7	318.9	6.2	64.3	2.8	297
7.8	27.9	2327.0	775.0	7.3	1.1	157.5	6.4	-2.5	6.0	301.6	316.7	5.4	65.0	3.1	300
8.9	30.5	2596.1	750.0	4.7	0.1	171.8	7.1	-1.0	7.1	301.7	316.3	5.2	71.8	3.4	305
9.7	33.0	2871.4	725.0	2.4	-1.2	181.4	7.5	0.2	7.5	302.1	315.8	4.8	77.0	3.6	309
10.8	35.7	3154.8	700.0	1.0	-1.9	191.5	7.8	1.6	7.6	303.8	317.2	4.9	80.7	3.9	315
11.8	38.3	3446.5	675.0	-1.1	-5.7	193.9	9.5	2.3	9.2	304.5	315.2	3.7	70.6	4.2	322
12.8	41.0	3746.7	650.0	-2.1	-2.6	200.4	10.2	3.6	9.6	306.6	320.6	4.9	96.3	4.6	328
14.0	43.8	4057.9	625.0	-3.8	-4.3	216.9	8.1	4.8	6.5	308.4	321.4	4.5	94.8	5.0	335
15.1	46.6	4379.9	600.0	-5.7	-6.4	241.2	4.9	4.3	2.4	309.6	321.3	3.9	94.2	5.1	339
16.2	49.5	4713.2	575.0	-7.4	-8.2	263.7	2.2	3.2	0.4	311.3	322.0	3.6	93.8	5.1	342
17.3	52.4	5058.5	550.0	-9.9	-10.6	286.0	3.5	3.3	-1.0	312.4	321.6	3.1	93.1	5.0	344
18.4	55.5	5418.4	525.0	-11.9	-12.9	290.6	3.9	3.6	-1.4	313.1	322.4	2.7	92.[illegible]	4.9	346
19.[illegible]	58.7	5788.3	500.0	-14.7	-16.4	294.2	2.7	2.5	-1.1	315.1	321.7	2.1	87.3	4.7	349
21.[illegible]	62.[illegible]	6175.0	475.0	-17.3	-20.1	301.0	1.3	1.1	-0.7	318.5	321.7	1.6	78.6	4.6	350
22.4	65.6	6578.4	450.0	-20.1	-23.4	306.5	1.5	1.2	-0.9	319.0	322.2	1.3	75.0	4.5	351
22.7	69.0	6999.5	425.0	-23.4	-27.2	300.5	2.8	2.4	-1.4	319.0	322.2	1.0	70.8	4.4	353
25.4	72.9	7440.6	400.0	-26.5	-31.0	334.8	2.[illegible]	1.0	-2.0	320.6	323.0	0.7	65.3	4.3	355
26.9	76.2	7903.9	375.0	-29.9	-34.6	999.9	99.9	99.9	99.9	322.0	323.8	0.5	63.7	4.0	355
28.6	80.0	8390.7	350.0	-34.1	-40.3	999.9	99.9	99.9	99.9	322.8	323.9	0.3	53.2	999.9	999
30.4	84.0	8904.3	325.0	-39.1	-46.5	999.9	99.9	99.9	99.9	322.8	323.5	0.2	44.8	999.9	999
32.2	88.2	9447.7	300.0	-43.5	99.9	999.9	99.9	99.9	99.9	324.0	999.9	99.9	999.9	999.9	999
34.1	92.5	10028.8	275.0	-48.4	99.9	999.9	99.9	99.9	99.9	325.1	999.9	99.9	999.9	999.9	999
35.[illegible]	97.0	10647.9	250.0	-52.8	99.9	999.9	99.9	99.9	99.9	327.6	999.9	99.9	999.9	999.9	999
36.2	101.6	11323.8	225.0	-55.2	99.9	999.9	99.9	99.9	99.9	334.0	999.9	99.9	999.9	999.9	[illegible]
40.6	107.0	12074.8	200.0	-55.8	99.9	999.9	99.9	99.9	99.9	344.4	999.9	99.9	999.9	999.9	999
43.5	112.5	12920.6	175.0	-56.7	99.9	999.9	99.9	99.9	99.9	356.4	999.9	99.9	999.9	3.6	105
48.[illegible]	118.3	13895.2	150.0	-58.8	99.9	287.3	14.9	14.2	-4.4	368.8	999.9	99.9	999.9	6.2	106
50.[illegible]	125.0	15031.9	125.0	-62.1	99.9	278.1	18.2	18.1	-1.9	382.6	999.9	99.9	999.9	9.8	105
55.[illegible]	132.7	16406.7	100.0	-62.3	99.9	285.0	15.1	14.6	-3.9	407.4	999.9	99.9	999.9	14.7	104
60.7	141.0	18180.1	75.0	-6[illegible].7	99.9	289.1	8.1	7.7	-2.7	438.4	999.9	99.9	999.9	18.2	10[illegible]
67.9	150.[illegible]	20689.9	50.0	-[illegible].7	99.9	288.0	4.1	4.1	0.1	502.9	999.9	99.9	999.9	19.3	103
78.5	160.3	25108.3	25.0	-53.0	99.9	999.9	99.9	99.9	99.9	632.6	999.9	99.9	999.9	20.2	108

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 12
COLLEGE STATION, TEXAS

1 MAY 1982
1706 GMT

152 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RIO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 0	79 0	1012 9	20 3	18 7	360 0	2 8	0 0	-2 8	297 [illegible]	323 2	11 9	85 0	0 [illegible]	3
0 3	8 9	189 3	1000 0	18 6*	99 9	999 9	99 9	99 9	99 9	291 8	999 9	99 9	999 9	999 9	999
1 1	9 3	406 7	975 0	17 8	13 1	999 9	99 9	99 9	99 9	293 1	318 7	9 8	74 1	999 9	999
2 0	11 [illegible]	629 3	950 0	17 4	13 7	999 9	99 9	99 9	99 9	29 9	322 3	10 4	78 7	0 2	296
2 7	14 1	857 0	925 0	15 5	13 9	121 8	5 5	-4 7	2 9	29 2	323 8	10 9	90 1	0 3	302
3 7	16 5	1089.9	900 0	14 6	11 7	100 3	10 5	-10 3	1 9	296 6	322 3	9 7	82 7	0 8	296
4 5	19.0	1327 8	875 0	13 2	12 2	93 3	8 8	-6 8	0 4	297 5	324 9	10 3	93 6	1 2	287
5 4	21.5	1571 7	850 0	12 0	6 6	100 4	8 8	-8 7	1 2	298 7	318 4	7 2	69 9	1 6	285
6 3	23.9	1821 0	825 0	9 6	5 4	104 4	8 5	-8 2	2 1	298 7	[illegible]7 5	6 9	75 4	2 0	285
7 3	26 5	2076 6	800 0	8 4	6 7	113 9	8 0	-7 3	3 3	300 1	21 2	7 7	89 2	2 6	285
8 3	29 1	2336 4	775 0	6 3	5 9	143 6	7 1	-4 2	5 7	300 6	321 3	7 5	96 6	2 9	288
9 2	31 7	2607 2	750 0	4 6	3 6	166 6	7 3	-1 7	7 1	301 5	320 0	6 7	93 7	3 2	294
10 3	34 2	2883 1	725.0	2 5	1 8	177 9	8 7	-0 3	8 7	302 3	319 1	6 0	94 6	3 5	301
11 3	37 0	3166 8	700 0	0 8	[illegible]	188 2	9 5	1 3	9 4	303 4	319 0	5 5	94 4	3 8	309
12 4	35 8	3458 8	675 0	-0 7	-1 3	198 5	9 5	3 0	9 0	304 9	319 6	5 2	95 6	4 1	317
13 5	47 5	3760 8	650 0	-1 8	-2 6	217 7	8 6	5 3	6 8	306 9	321 0	4 9	94 0	4 4	324
14 7	45 3	4072 1	625 0	-3 9	-4 6	225 7	7 0	6 0	3 6	306 0	320 6	4 4	95 0	4 4	331
15 8	48 2	4394 1	600 0	-5 2	-6 1	256 6	5 9	5 7	1 4	310 1	322 1	4 1	93 2	4 4	337
17.0	51 1	4728 1	575.0	-6 2	-7 0	280 3	4 3	4 2	-0 8	312 7	324 5	3 9	93 8	4 3	342
18.3	54 0	5073 7	550.0	-8 7	-11 4	308 1	2 4	1 9	-1 5	312 6	321 5	2 9	87 6	4 1	344
19.8	57 0	5431 6	525 0	-11 6	-18 4	345 [illegible]	1 3	0 3	-1 2	314 2	315 6	1 7	57 9	4 0	345
21 2	6[illegible].1	5803 2	500 0	-14 2	-22 0	21 [illegible]	1 7	-0 6	-1 6	315 7	319 9	1 3	51 3	3 9	344
22 6	63 3	6190 6	475 0	-16 7	-24 7	22 6	2 6	-1 0	-2 4	317 3	320 9	1 1	49 6	3 7	342
24.[illegible]	66 6	6594 9	450 0	-19 4	-28 3	10 2	2 7	-[illegible] 5	-2 6	318 9	321 6	0 8	45 1	3 5	340
25 7	72 0	7016.9	425 0	-22 9	-32 7	349 5	3 9	0 7	[illegible] 8	319 6	321 6	0 6	40 2	3 3	338
27.5	73 4	7452.9	400 0	-25 9	-37 0	350 1	5 5	0 9	-5 [illegible]	321 4	322 8	0 4	34 0	2 8	3[illegible]7
29 3	77.0	7922 8	375 0	-29 6	-38 4	349 4	6 0	1 1	-5 9	322 2	323 5	0 4	42 6	2 2	332
31 1	80 [illegible]	8410 7	350 0	-33 7	-44 9	999 9	99 9	99 9	99 9	323 3	324 0	0 2	31 1	1 5	328
32 9	84 5	8925 9	325 0	-38 2	99 9	999 9	99 9	99 9	96 9	324 1	999 9	99 9	999 9	999 9	999
34 9	88.5	9470 9	300 0	-42 8	99 9	999 9	99 9	99 9	99 9	325 1	999 9	99 9	999 9	999 9	999
37 0	92 7	10052 4	275 0	-47 3	93 9	999 9	99 9	99 9	99 9	326 7	999 9	99 9	999 9	2 7	160
39 2	97.2	10676 1	250 0	-51 9	99 9	343 6	15 0	4 2	-14 4	329 0	999 9	99 9	999 9	4 5	162
41 3	101.8	11351 0	225 0	-56 7	99 9	327 6	17 7	9 4	-14 9	331 6	999 9	99 9	999 9	6 5	161
43 7	106 8	12097.5	200 0	-58 1	96 9	314 7	22 4	15 9	-15 8	340 8	999 9	99 9	999 9	9 4	152
46 4	112 2	12940 5	175 0	-57 5	99 9	291 5	16 0	14 9	-5 9	[illegible] 1	999 9	99 9	999 9	12 3	148
49.8	118 2	13906.6	150 0	-60 3	99 9	288 4	17 8	16 [illegible]	-5 6	366 3	999 9	99 9	999 9	14 8	138
53 7	124 7	15041 7	125 0	-61 1	96 9	288 7	15 [illegible]	15 0	-5 1	3[illegible]4	999 9	99 9	999 9	18 3	133
58 5	132.3	16416.0	100 0	-62 5	99 9	279.5	13 [illegible]	12 [illegible]	-2 2	407 0	999 9	99 9	999 9	22 2	128
64 5	140.7	18187.0	75 0	-63 3	99 9	281 3	8 7	8 5	-[illegible] 7	440 2	999 9	99 9	999 9	25 6	123
72 5	150.5	20993.3	50 0	-59 0	99 9	260 8	2.[illegible]	2 6	0 4	504 4	999 9	99 9	999 9	27 2	122
85.0	161.0	25091.8	25 0	-50 8	99.9	999 9	99 9	68 9	99 9	633 7	999 9	99 9	999 9	28 0	124

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ORIGINAL PAGE IS
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STATION NO. 12
COLLEGE STATION, TEXAS

1 MAY 1982
2010 GMT

87 288 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	79.0	1011.9	21 8	18 6	999.9	99.9	99.9	99 9	294 0	328 8	13.5	82 0	999 9	999
0.3	6.7	99.9	1000.0	99 9**	99.9	999 9	99.9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
1.1	9.1	99 9	975.0	99.9**	99.9	999.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	399 9	999
2.0	11.5	99.9	950.0	99.9**	99.9	999.9	99.9	99.9	99.9	99 9	935 9	99 9	999 9	999 9	999
2.9	14.0	99.9	925.0	16 4	99.9	999 9	99 9	99 9	99 9	296 1	[illegible]	99 9	999 9	999 9	999
3.8	16 5	99.9	900.0	15.4	9.7	999 9	99.9	99.9	99 9	297 4	[illegible]	8.4	68 7	999.9	999
4.6	19 0	99.9	875.0	14 0	8.1	999.9	99.9	99 9	99.9	298 3	[illegible]	7 8	67 8	999 9	999
5.4	21.5	99 9	850.0	12 8	7 9	999 9	95.3	99 9	99 9	299 6	321 2	7 9	72 4	999 9	999
6.3	24.0	99.9	825 0	10.3	7 0	999.9	99.9	99.9	99 9	299 5	320.4	7 6	79 5	999 9	999
7.2	26.6	99.9	800.0	9 3	3 7	999.9	99.9	99 9	99.9	301 1	318.6	6 3	68 0	999 9	999
8.2	29 2	99.9	775.0	6 8	3 9	999.9	99.9	99 9	99 9	301 1	319.3	6 5	81 5	999 9	999
9.2	31.9	99.9	750.0	5 4	3 5	999.9	99.9	99 9	99.9	302 4	320 7	6 6	87 6	999 9	999
10.1	34.5	99.9	725.0	3 4	1 2	999.9	99.9	99.9	99.9	303 2	319 5	5 8	85 7	999 9	999
11.0	37 2	99 9	700.0	1 4	0 4	999.9	99 9	99 9	99 9	304 0	320 0	5 6	93	999 9	999
12.1	40.0	99.9	675.0	-0.9	-2.5	999.9	99.9	99 9	99 9	304 7	318.2	4 7	88 2	999 9	999
13.1	42 8	99 9	650.0	-1.7	-3 2	999 9	99.9	99.9	99 9	307 0	320.5	4 7	90 0	999 9	999
14.2	45 7	99 9	625 0	-3.6	-4.6	999 9	99 9	99 9	99 9	308 4	321 1	4 3	92 4	999 9	999
15.4	48.5	99.9	600.0	-5 4	-6.3	999 9	99.9	99 9	99 9	309 9	321 7	4 0	93 1	999 9	999
16.4	51 4	99.9	575.0	-6 6	-7 6	999 9	99.9	99 9	99 9	312 3	323.6	3 8	92 9	999 9	999
17.6	54 4	99 9	550.0	-9 1	-10.5	999 9	99 9	99.9	99 9	313 3	322 8	3 1	89 7	999 9	999
18.9	57.5	99.9	525.0	-11 4	-14 3	999.9	99 9	99 9	99 9	314 8	322 3	2 4	79 6	999 9	999
20.3	60.6	99 9	500.0	-13.8	-22 3	999 9	99.9	99.9	99 9	316.2	320 4	1 3	48 3	999 9	999.
21.7	63.9	99 9	475.0	-16 3	-27.2	999 9	99 9	99 9	99 9	317 8	320 6	0 9	38 1	999 9	999
23.3	67.1	99.3	450.0	-19 0	-30 3	999.9	99 9	99 9	99 9	319 3	321 6	0 7	35.8	999 9	999
24.8	70.4	99.9	425.0	-21.9	-35 4	999 9	99 9	99.9	99 9	321.0	322 5	0 4	28 0	999 9	999
26.3	73 9	99.9	400.0	99 9**	99.9	999.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
28.0	77.5	99.9	375.0	99.9**	99.9	999.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
29.8	81.3	99.9	350 0	-32 3	-46.7	999 9	99.9	99 9	99.9	325 3	325.9	0 2	22 1	999 9	999
31.6	85.1	99.9	325.0	-35 9*	-50.8	999 9	99 9	99 9	99 9	327 2	327.6	0 1	19 6	999 9	999
33.4	89.0	99 9	300.0	-40.4	99.9	999.9	99.9	99 9	99 9	328 5	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	275.0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	225 0	99 9	99.9	99.9	99.9	99 9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99 9	99 9	200.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	175 0	99.9	99.9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	150.0	99 9	99.9	99 9	99.9	99 9	99.9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	125.0	99.9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99.9	999 9	999.9	999
99.9	99.9	99.9	100.0	99 9	99.9	99.9	99.9	99 9	99 9	99 9	999.9	99 9	999 9	999.9	999
99.9	99.9	99.9	75.0	99 9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999.9	999
99.9	99.9	99.9	50.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	25.0	99 9	99.9	99.9	99.9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS
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STATION NO 12
COLLEGE STATION, TEXAS

1 MAY 1982
2313 GMT

158 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 3	79 0	1010 5	23 0	17 2	80 0	4 6	-4 5	-0 8	295 2	327 6	12 4	70 0	0 0	0
0 2	6.2	169 9	1000 0	22.6*	99 9	322.9	99 9	99 9	99 9	295 7	952 3	99 9	999 9	999 9	999
1.3	8.4	388 3	975.0	20 3	99 9	999 9	99 9	99 9	99.9	295 6	999 9	99 9	999 9	999 9	999
1 7	10.6	610 9	950 0	18 4	99 9	999 9	99 9	99 9	99 9	295 8	999 9	99 9	999 9	999 9	999
2 6	12 9	838 7	925.0	16.5	13 8	999 9	99 9	99 9	99 9	296 2	324 6	10 8	84 0	999 9	999
3 4	15 3	1072 2	900 0	15.2	12 6	85 8	8 8	-8 8	-0 6	297.1	324 4	10 3	84 6	1 4	260
4 2	17.6	1310 9	875.0	14 0	10 6	94 9	7 4	-7 3	0 6	298 3	323 1	9 2	80 1	1 9	261
5 2	20 0	1555 3	850 0	12 4	10 5	116 9	5 8	-5 1	2 6	299 2	324 6	9 4	87 9	2 2	266
5 9	22 4	1805 4	825 0	10 2	9 1	131 9	5 3	-4 0	3 5	299 4	323 4	8 9	92 7	2 4	269
6 8	24 8	2061 3	800.0	8 4	7 5	149 1	5 1	-2 6	4 4	300 1	322 4	8 2	94 4	2 6	274
7 8	27.2	2323 9	775.0	7 4	6 6	174 1	4 3	-0.4	4 3	301 8	323 6	7 9	94 8	2 7	279
8.7	29.7	2593 8	750.0	5 2	4.3	191 8	5 2	1 1	5 1	302.2	321 6	7 0	94 1	2 7	284
9 6	32.2	2870 3	725 0	3 3	2.3	198 8	5 7	1 9	5 4	303 1	320 7	6 3	93 3	2 7	292
10.6	34.8	3154 5	700.0	1 7	0.3	217.4	4 4	2 7	3 5	304 4	320 3	5 6	90 5	2 7	298
11.7	37 4	3447 6	675 0	0.4	-1 7	244.9	3 1	2 8	1 3	306 1	320 5	5 0	86 2	2 6	303
12.7	40.0	3749 9	650 0	-0.9	-4 8	287 8	2.7	2 5	-0 8	307 9	320 0	4 1	74 9	2 5	305
14.0	42.7	4062 2	625 0	-2.9	-6 4	316 9	2 4	1 7	-1 8	309 1	320 3	3 8	76 5	2 3	305
15.3	45 4	4385 0	600 0	-4.4	-9 4	297.4	2.9	2 6	-1 3	311 1	320 5	3 1	67 9	2 1	304
16 5	48.2	4719 4	575 0	-6.2	-12 0	301.1	2 3	2 0	-1 2	312 7	320 8	2 7	63 8	1 9	306
17.7	51 1	5065 8	550 0	-8.2	-11 1	332 1	2 7	1 2	-2 4	314 4	323 5	3 0	79 8	1 8	304
18 8	54.0	5425 7	525.0	-10.7	-15 7	319 1	3 0	1 9	-2 2	315 6	322 3	2 1	66 8	1 6	301
20 3	57.0	5799 7	500.0	-12 4	99.9	999 9	99 9	99 9	99 9	317 9	999 9	99 9	999 9	999 9	999
21.6	60.0	6190 3	475.0	-14 9*	-25 1	999.9	99 9	99 9	99 9	319 5	323 0	1 0	41 5	999 9	999
23 1	63 1	6597 1	450.0	-17.9*	99 9	999 9	99 9	99 9	99 9	320 7	999 9	99 9	999 9	999 9	999
24.5	66.4	7021 7	425 0	-21.2*	-39 5	999 9	99.9	99 9	99 9	321 8	322 9	0 3	17 4	999 9	999
26.2	69.7	7466 8	400.0	-23.8	-43 1	999 9	99 9	99 9	99 9	324 1	324 8	0 2	14.8	999 9	999
27 8	73.1	7935 1	375 0	-26.7	-44 7	999 9	99 9	99 9	99.9	326 3	327 0	0.2	16 1	1 7	111
29 5	76.7	8428 8	350 0	-31 0	-47 2	293 9	10 9	9 9	-4 4	326 9	327 5	0 1	18 4	2 7	112
31 2	80.4	8950 2	325 0	-34.8	-50.9	299 6	12 3	10 7	-6.1	328 8	329 2	0 1	17 4	3 9	114
33.1	84 3	9502.9	300.0	-40.2	99 9	297 9	15 1	13 4	-7 1	328 8	999 9	99 9	999 9	5 4	115
35.1	88 5	10090 6	275 0	-45.1	99 9	295.6	17 8	16 0	-7 7	330 0	999 9	99 9	999 9	7 5	116
37.3	92.8	10720.4	250.0	-50.3	99.9	290 4	18.4	17.3	-6 4	331 4	999 9	99 9	999 9	9 8	115
39 6	97.5	11400 2	225.0	-55 3	99 9	288 6	21 5	20 4	-6 9	333 8	999 9	99 9	999 9	12 5	114
42.2	102.4	12146.1	200.0	-58.9	99.9	288.6	27 9	26.5	-8 9	339 5	999 9	99 9	999 9	16 3	112
44 9	107 8	12978 7	175 0	-60.8	99 9	292 8	29 9	27 5	-11 6	349 5	999 9	99 9	999 9	21.1	112
48.1	113.5	13939 9	150.0	-60.6	99.9	293 3	27 1	24 8	-10 7	365 7	999 9	99 9	999 9	26 7	112
52 1	120.2	15069 5	125.0	-62.4	99.9	293 8	22.4	20 5	-9 0	382 0	999 9	99 9	999.9	32 5	113
56.5	127.7	16440 9	100.0	-62.8	99 9	288 8	16.2	15 3	-5 2	406 4	999 9	99 9	999 9	37 9	112
62.0	136 0	18199 2	75.0	-64.5	99 9	288 8	10 0	9.5	-3 2	437.7	999 9	99 9	999 9	42 4	112
69 7	146.0	20696 9	50.0	-60 8	99 9	341 2	2 8	0 9	-2 7	500 3	999.9	99 9	999 9	44 2	112
81.4	156.3	25121 6	25 0	-52.7	99.9	125 0	5 5	-4 5	3 1	633 6	999 9	99 9	999.9	44 2	115

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS

2 MAY 1982
239 GMT

143 63 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1010.8	19.1	17.4	999.9	99.9	99.9	99.9	291.4	323.5	12.5	90.0	999.9	999
0.5	6.8	99.9	1000.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
1.1	9.2	99.9	975.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
1.7	11.5	99.9	950.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
2.3	13.9	99.9	925.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
2.9	16.4	99.9	900.0	15.3	6.9	999.9	99.9	99.9	99.9	297.3	316.2	7.0	57.0	999.9	999
3.6	18.8	99.9	875.0	13.4	6.4	999.9	99.9	99.9	99.9	297.7	316.6	6.9	62.6	999.9	999
4.5	21.3	99.9	850.0	11.9	6.6	999.9	99.2	99.9	99.9	298.6	318.3	7.2	69.9	999.9	999
5.3	23.8	99.9	825.0	9.4	5.9	999.9	99.9	99.9	99.9	298.5	317.8	7.1	79.0	999.9	999
6.0	26.3	99.9	800.0	8.4	6.7	999.9	99.9	99.9	99.9	300.1	321.4	7.8	89.2	999.9	999
6.9	28.9	99.9	775.0	6.4	4.2	999.9	99.9	99.9	99.9	300.7	319.2	6.7	86.0	999.9	999
7.6	31.4	99.9	750.0	5.1	3.1	999.9	99.9	99.9	99.9	302.1	320.0	6.4	87.2	999.9	999
8.4	34.1	99.9	725.0	2.6	0.9	999.9	99.9	99.9	99.9	302.3	318.2	5.7	89.1	999.9	999
9.3	36.8	99.9	700.0	1.5	-1.1	999.9	99.9	99.9	99.9	304.2	318.6	5.1	82.9	999.9	999
10.1	39.4	99.9	675.0	-1.1	-2.7	999.9	99.9	99.9	99.9	304.5	317.9	4.7	88.7	999.9	999
10.9	42.3	99.9	650.0	-2.5	-4.3	999.9	99.9	99.9	99.9	306.2	318.6	4.3	87.3	999.9	999
11.7	45.1	99.9	625.0	-4.3	-6.8	999.9	99.9	99.9	99.9	307.5	318.3	3.7	82.7	999.9	999
12.6	48.0	99.9	600.0	-6.3	-9.0	999.9	99.9	99.9	99.9	308.8	318.4	3.2	81.4	999.9	999
13.6	51.0	99.9	575.0	-8.9	-12.1	999.9	99.9	99.9	99.9	311.9	319.9	2.6	66.7	999.9	999
14.6	54.0	99.9	550.0	-8.4	-16.6	999.9	99.9	99.9	99.9	314.1	320.1	1.9	51.5	999.9	999
15.8	57.1	99.9	525.0	-10.2	-21.9	999.9	99.9	99.9	99.9	316.2	320.3	1.3	37.8	999.9	999
16.8	60.3	99.9	500.0	-13.3	-30.3	999.9	99.9	99.9	99.9	316.9	318.9	0.6	22.2	999.9	999
17.8	63.5	99.9	475.0	-15.5	-43.4	999.9	99.9	99.9	99.9	318.8	319.4	0.2	7.6	999.9	999
18.9	66.9	99.9	450.0	-18.3	-61.5	999.9	99.9	99.9	99.9	320.3	320.4	0.0	1.0	999.9	999
20.0	70.3	99.9	425.0	-21.6	-63.7	999.9	99.9	99.9	99.9	321.3	321.4	0.0	1.0	999.9	999
21.2	73.9	99.9	400.0	-24.5	-47.1	999.9	99.9	99.9	99.9	323.1	323.7	0.2	12.4	999.9	999
22.3	77.5	99.9	375.0	-28.3	-61.3	999.9	99.9	99.9	99.9	324.1	324.2	0.0	3.2	999.9	999
23.4	81.3	99.9	350.0	-32.6	-58.0	999.9	99.9	99.9	99.9	324.8	325.0	0.0	5.9	999.9	999
24.6	85.3	99.9	325.0	-37.1	-73.9	999.9	99.9	99.9	99.9	325.5	325.6	0.0	1.0	999.9	999
25.9	89.3	99.9	300.0	-42.3	99.9	999.9	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999
27.3	93.7	99.9	275.0	-47.0	99.9	999.9	99.9	99.9	99.9	327.2	999.9	99.9	999.9	999.9	999
28.8	98.2	99.9	250.0	-50.4	99.9	999.9	99.9	99.9	99.9	331.2	999.9	99.9	999.9	999.9	999
30.6	103.2	99.9	225.0	-55.2	99.9	999.9	99.9	99.9	99.9	333.9	999.9	99.9	999.9	999.9	999
32.6	108.3	99.9	200.0	-59.1	99.9	999.9	99.9	99.9	99.9	339.2	999.9	99.9	999.9	999.9	999
34.6	113.8	99.9	175.0	-63.8	99.9	999.9	99.9	99.9	99.9	344.6	999.9	99.9	999.9	999.9	999
37.4	120.0	99.9	150.0	-61.5	99.9	999.9	99.9	99.9	99.9	364.2	999.9	99.9	999.9	999.9	999
40.8	126.7	99.9	125.0	-64.1	99.9	999.9	99.9	99.9	99.9	379.0	999.9	99.9	999.9	999.9	999
44.7	134.0	99.9	100.0	-67.9	99.9	999.9	99.9	99.9	99.9	396.5	999.9	99.9	999.9	999.9	999
49.6	142.3	99.9	75.0	-65.1	99.9	999.9	99.9	99.9	99.9	436.5	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS

2 MAY 1982
500 GMT

136 55 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5 7	79 0	1011 9	18 5	16.8	999 9	99 9	99 9	99 9	290 7	321 5	12 0	90 0	999 9	999
0 4	8 7	99 9	1000.0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.9	8 8	99 9	975 0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
1.4	10.8	99 9	950 0	99.9**	99.9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
2.0	13 0	99 9	925 0	18.5	9 9	999 9	99 9	99 9	99 9	296 2	318 5	8 3	65 0	999 9	999
2 8	15 2	99 9	900 0	15 4	7 9	999 9	99 9	99 9	99 9	297 4	317 7	7 5	60 9	999 9	999
3.5	17 4	99 9	875 0	14 0	6.6	999 9	99 9	99 9	99 9	298 3	317 4	7.0	61 0	999 9	999
4 4	19 5	99 9	850 0	12 3	4 2	999 9	99 9	99 9	99 9	299 1	315 9	6 1	57 6	999 9	999
5.1	21 8	99 9	825 0	10 8	3 4	999 9	99.9	99 9	99 9	300 0	318 5	5 9	60 1	999 9	999
6.0	24.2	99 9	800 0	8 9	4.2	999 9	99 9	99 9	99 9	300 8	318 6	6 5	72 8	999 9	999
6 6	26 5	99 9	775 0	7.5	2 4	999 9	99 9	99 9	99 9	301 9	318 4	5 9	70 [illegible]	999 9	999
7 5	28 7	99 9	750 0	5 2	3.1	999 9	99.9	99 9	99 9	302 3	320 2	6 4	86 [illegible]	999 9	999
8.4	31 2	99 9	725 0	4 0	3 1	999 9	99 9	99 9	99.9	303 9	322 4	6 6	93 3	999 9	999
9.1	33 6	99.9	700 0	1 6	0 2	999.9	99 9	99 9	99 9	304 3	320 0	5 6	90 3	999 9	999
10.0	36.1	99.9	675 0	0 7	-0.7	999 9	99 9	99 9	99 9	306 4	321 9	5 4	91 0	999 9	999
10.9	38.7	99 9	650 0	-2 2	-3.7	999 9	99.9	99 9	99 9	306 5	319 5	4 5	89 0	999 9	999
11.7	41 2	99 9	625 0	-3.5	-5 3	999 9	99 9	99 9	99 9	308 4	320 5	4 1	87 3	999 9	999
12.7	43 9	99 9	600 0	-6 0	-8.7	999 9	99 9	99 9	99 9	309 1	319 0	3 3	81 1	999 9	999
13 5	46.6	99.9	575.0	-5 6	-14 5	999 9	99.9	99.9	99 9	313 4	320 1	2 2	49 4	999 9	999
14.5	49.3	99 9	550.0	-7 0	-17 3	999.9	99 9	99.9	99 9	315 8	321 5	1 8	43 6	999 9	999
15.4	52 1	99 9	525.0	-9.8	-19 8	999.9	99 9	99 9	99 9	316 7	321 6	1.5	43 6	999 9	999
16.4	55.0	99.9	500 0	-12 7	-22.7	999 9	99.9	99 9	99 9	317 6	321 6	1 2	42 7	999 9	999
17.4	58.0	99.9	475 0	-14.8	-43.9	999.9	99 9	99 9	99 9	319 7	320 3	0 2	6 2	999 9	999
18.4	61.1	99 9	450 0	-17 9	-58.7	999 9	99.9	99 9	99 9	320 7	320 8	0 0	1 4	999 9	999
19 5	64 3	99 9	425 0	-20.8	-60.5	999 9	99.9	99 9	99 9	322 3	322 4	0 0	1 7	999 9	999
20.6	67.6	99 9	400 0	-23 8	-62 0	999 9	99 9	99 9	99 9	324 3	324 4	0 0	1 7	999 9	999
21 7	71 0	99 9	375 0	-27 4	-67 5	999 9	99 9	99 9	99 9	325 4	325 4	0 0	1 0	999 9	999
23.0	74.4	99 9	350.0	-31 2	-69.9	999 9	99 9	99 9	99 9	326 7	326 8	0 0	1.0	999 9	999
24.1	78.1	99 9	325 0	-35 6	-72.9	999.9	99.9	99 9	99 9	327 6	327 7	0 0	1 0	999 9	999
25.3	82 0	99 9	300 0	-40.5	99 9	999 9	99 9	99 9	99 9	328.4	999 9	99 9	999 9	999 9	999
26.7	86 0	99 9	275 0	-44 6	99 9	999 9	99 9	99.9	99 9	330 7	999 9	99 9	999 9	999 9	999
28 0	90.2	99 9	250 0	-48 2	99 9	999 9	99 9	99 9	99 9	334 1	999 9	99 9	999 9	999 9	999
29.5	94.6	99 9	225 0	-53.0	99.9	999 9	99 9	99.9	99 9	337 3	999 9	99 9	999 9	999 9	999
31 0	99.4	99 9	200 0	-59.1	99.9	999.9	99.9	99.9	99 9	339 2	999 9	99 9	999 9	999 9	999
32 7	104 5	99 9	175 0	-61 4	99 9	999 9	99 9	99 9	99 9	348 6	999 9	99 9	999 9	999 9	999
35 3	110.3	99 9	150.0	-60.9	99 9	999 9	99 9	99 9	99 9	365 1	999 9	99 9	999 9	999 9	999
38 5	116 5	99 9	125 0	-63 2	99 9	999.9	99 9	99 9	99.9	380 5	999 9	99 9	999.9	999 9	999
42.5	123.7	99 9	100.0	-66 2	99.9	999.9	99 9	99 9	99 9	399 8	999 9	99.9	999.9	999 9	999
47 8	132 3	99 9	75.0	-65.2	99.9	999 9	99 9	99 9	99 9	436 2	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	50.0	99.9	99.9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	25 0	99 9	99.9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999.9	999 9	999

- BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 101
FT SILL, OKLAHOMA

1 MAY 1982
1059 GMT

157 17 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	360.0	980.2	13.8	12.9	360 0	2.1	0.0	-2.1	288 6	313.2	9 6	94.0	0 0	0
99.9	99.9	99.9	1000.0	99 9	99.9	99.9	99.9	99 9	99 9	99.9	999.9	99.9	999.9	999 9	999
0.3	8.3	405.0	975.0	13.5+	9.0	42.2	7 1	-4.8	-5 3	288.8	308.2	7 5	74.7	0.2	204
1.1	10.5	824.0	950.0	12.7	11 0	52.4	5.3	-5.0	-3 8	290.1	312 8	8 7	89.3	0 4	216
2.1	12.8	847.9	925.0	11.5	9 9	69.5	5.9	-5.5	-2 1	291.1	312.8	8 3	89 8	0 8	228
3.0	15.2	1076.9	900.0	9.9	9 0	65.8	4.0	-3.7	-1 7	291 7	312.9	8 1	94 3	1 0	235
3.9	17.4	1311.2	875.0	9 3	8 4	121.4	1 3	-1 1	0 7	293.4	314 5	8 0	94 4	1 1	235
4.9	19.9	1552 0	850.0	8.6	7 8	199.9	1 3	0.5	1 3	295.2	316 1	7.9	94 8	1 1	237
5.8	22.2	1799.2	825.0	8 0	6 9	235.9	2.4	2.0	1 4	297.0	317 6	7 6	93.3	1 0	238
6.7	24.8	2053.6	800.0	8.0	4 0	999.9	99.9	99.9	99 9	299.7	317.3	6.4	75 7	0 8	237
7.8	27.2	2315.3	775.0	6 2	-0 0	999.9	99.9	99 9	99 9	300.5	314 3	4 9	64.4	999 9	999
8.9	30.0	99.9	750.0	99 9**	99 9	999.9	99.9	99.9	99 9	99.9	999.9	99.9	999 9	999 9	999
10.0	32.7	99.9	725.0	99 9**	99 9	999.9	99.9	99 9	99 9	99 9	999 9	99.9	999 9	999 9	999
11.0	35.4	99.9	700.0	99.9**	99 9	999.9	99.9	99 9	99 9	99.9	999 9	99.9	999 9	999 9	999
12.1	38.0	99.9	675.0	-1 7	-5.2	999.9	99.9	99 9	99 9	303.7	314 9	3 9	77 2	999 9	999
13.2	40.7	99.9	650 0	-3 7	-5 7	999 9	99.9	99.9	99 9	304 8	316 0	3.8	85 3	999 9	999
14.4	43.7	99.9	625.0	-4 7	-6 3	999 9	99.9	99.9	99 9	307 0	318.3	3 8	89 0	999 9	999
15.7	46.8	99.9	600.0	-6.0	-9 5	999.9	99.9	99 9	99 9	309 1	318 4	3 1	76 5	999 9	999
17.0	49.9	99.9	575.0	-8.0	-11.5	999 9	99 9	99 9	99.9	310 7	319 0	2.8	75 5	999 9	999
18.3	52.9	99.9	550.0	-9.5	-12 3	999.9	99.9	99.9	99 9	312 8	321 1	2.7	80 1	999 9	999
19.6	55 9	99.9	525.0	-11.9	-14.6	999.9	99.9	99 9	99 9	314 1	321 3	2.3	80 2	999 9	999
20.9	59.1	99.9	500.0	-13 9	-16.9	999 9	99.9	99.9	99 9	316.1	322 5	2 0	78.2	999 9	999
22.4	62.7	99.9	475.0	-16.8	-20.1	999.9	99 9	99.9	99 9	317 1	322 4	1.6	75 8	999 9	999
23.8	66.0	99.9	450 0	-19.4	-22.2	999.9	99.9	99 9	99 9	318 9	323 5	1 4	78 1	999 9	999
25.5	69.7	99.9	425.0	-22.7	-25 7	999.9	99.9	99 9	99.9	319 9	323 6	1 1	76 0	999 9	999
27.2	73.3	99.9	400.0	-26 1	-29.6	999.9	99.9	99 9	99.9	321.1	323 9	0 8	72 0	999 9	999
28.9	77.3	99.9	375.0	-29.2	-34.8	999.9	99.9	99.9	99.9	322.9	324.7	0 5	58 4	999 9	999
30.7	81.2	99.9	350.0	-33 4	-39 6	999.9	99.9	99.9	99 9	323.7	325 0	0.3	53.2	999 9	999
32.4	85.3	99.9	325.0	-37 9	99 9	999.9	99.9	99.9	99 9	324 4	999 9	99 9	999 9	999 9	999
34.3	89.7	99.9	300.0	-42 0	99 9	999.9	99.9	99 9	99 9	326 2	999 9	99 9	999 9	999 9	999
36.5	94.6	99.9	275.0	-47.3	99 9	999 9	99.9	99 9	99 9	326 7	999 9	99 9	999 9	999 9	999
38.9	99.4	99.9	250.0	-52 7	99.9	999.9	99.9	99 9	99 9	327 8	999 9	99 9	999.9	999 9	999
41.3	104.6	99.9	225.0	-58 6	99 9	999 9	99.9	99.9	99 9	328 8	999 9	99.9	999 9	999 9	999
43.9	110.4	99.9	200.0	-65 0	99 9	999.9	99.9	99 9	99 9	329 8	999 9	99.9	999 9	999 9	999
46.4	116.2	99.9	175.0	-65 2	99 9	999.9	99.9	99 9	99 9	342 3	999 9	99 9	999 9	999 9	999
49.6	123 0	99.9	150.0	-61 3	99.9	999.9	99 9	99 9	99 9	364.5	999 9	99 9	999 9	999 9	999
53.5	130.2	99.9	125.0	-62 9	99 9	999.9	99.9	99.9	99 9	381 1	999 9	99 9	999 9	999 9	999
58.2	137.7	99 9	100.0	-65 3	99.9	999.9	99.9	99 9	99 9	401.6	999 9	99 9	999.9	999 9	999
64.3	145.0	99.9	75.0	-64.0	99 9	999.9	99.9	99 9	99 9	438 8	999 9	99 9	999 9	999 9	999
72.6	152.7	99.9	50.0	-58 8	99 9	999.9	99 9	99 9	99 9	505.1	999 9	99 9	999 9	999 9	999
84.8	160.3	99.9	25.0	-54.0	99 9	999.9	99 9	99 9	99 9	629 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
\+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
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STATION NO. 101
FT SILL, OKLAHOMA

1 MAY 1982
1325 GMT

156 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	360 0	981.1	14.8	13 3	360 0	2 1	0 0	-2 1	289 5	315 0	9 9	91 0	0 0	0
99 9	99.9	99 9	1000.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	8.3	412 7	975.0	13.8*	99 9	41 4	6 2	-4.1	-4 7	289 1	999 9	99 9	999 9	0 2	205
1 0	10.4	631 6	950.0	12.8	11.1	56.7	7.0	-5 8	-3 8	290 2	313 0	8 8	89 5	0 4	214
1 7	12 5	855 9	925.0	11 9	10 3	69 8	6 8	-6 4	-2 3	291 5	313 9	8 6	90 0	0 7	229
2 6	14 9	1085.1	900 0	10 5	9 3	63 1	4.2	-3 8	-1 9	292 3	313 9	8 2	92 2	1 0	235
3.4	17.0	1320 1	875.0	9 9	8.9	21 7	1 4	-0 5	-1.3	294.1	315 8	8 2	93.4	1 1	235
4 3	19 4	1561 5	850 0	8.9	7 8	259 6	1 3	1.3	0 2	295 5	316 5	7 9	92 8	1 2	233
5 2	21 5	1809 0	825.0	8 2	7 1	228 8	3 0	2 3	2 0	297 3	318 1	7 7	92 8	1 0	235
6 1	24.0	2063 2	800 0	7 0	5 9	235 2	4 6	3.8	2 6	298 6	318 5	7 3	92 5	0 8	234
7 0	26 3	2324 2	775 0	6 1	1 4	999 9	99 9	99 9	99 9	300 4	315 7	5 5	71 9	999 9	999
8 0	28.9	2592 4	750.0	4 3	-0 5	999 9	99 9	99 9	99 9	301 3	315 2	4 9	71 0	999 9	999
8 8	31 5	2866 8	725.0	1 6*	99 9	999 9	99.9	99 9	99.9	301 2	999 9	99 9	999 9	999 9	999
9.9	34.1	3147 9	700.0	-0.6	99 9	999 9	99 9	99 9	99 9	301 8	999 9	99 9	999 9	999 9	999
11.1	36.7	3438 3	675 0	-1 0	-4 0	999 9	99.9	99 9	99 9	304 5	316 7	4 2	79 9	999 9	999
12.1	39 4	3739 5	650.0	-2.2	-6 0	999.9	99.9	99 9	99.9	306 5	317 5	3 8	74 7	999 9	999
13.1	42.1	4050 4	625.0	-4.0	-7.2	999 9	99 9	99 9	99 9	307 8	318 4	3 6	78 8	999 9	999
14.3	45 0	4371 8	600.0	-5.0	-7.4	999 9	99 9	99 9	99 9	310 3	321 2	3 6	83 1	999 9	999
15.5	48 0	4704.9	575.0	-7.6	-9.8	999 9	99.9	99 9	99 9	311 1	320 7	3 2	84 2	999 9	999
16.9	50 9	5050 1	550.0	-8 7	-12 3	999 9	99 9	99 9	99 9	313 7	322 0	2 7	75 1	999 9	999
18.3	54.0	5409.6	525.0	-10.6	-15 5	999.9	99 9	99 9	99.9	315 7	322 5	2 2	67 3	999 9	999
19.5	57.0	5782 8	500.0	-13.9	-18.2	999 9	99.9	99.9	99 9	316 1	321 9	1.8	69 6	999 9	999
20.9	60.4	6171 0	475.0	-16 5	-20 6	999 9	99 9	99 9	99 9	317 5	322 5	1 6	70 7	999 9	999
22 2	63 9	6575 4	450.0	-19.3	-24 3	999 9	99 9	99 9	99.9	319 0	322 9	1 2	64 4	999 9	999
23.9	67 1	6998 1	425.0	-22.7	-27 6	999 9	99 9	99 9	99 9	319 9	323 0	0 9	63 7	999 9	999
25.4	70.8	7440 6	400.0	-25.6	-33 4	999 9	99 9	99 9	99 9	321 7	323 7	0 6	48 1	999 9	999
27.2	74 5	7905 6	375 0	-29.0	-37 7	999 9	99 9	99 9	99 9	323 2	324 6	0.4	42 6	999 9	999
28.9	78.5	8395 6	350.0	-32.8	-41.5	323 0	5 1	3 1	-4 0	324.8	325.9	0 3	40 3	1 5	226
30 6	82 3	8912 9	325.0	-36 8	-45 0	308 4	7 2	5.7	-4 5	326 0	326 7	0 2	42 0	1 6	204
32 3	86 6	9462 4	300.0	-41.0	99 9	299 7	8.5	7 4	-4 2	327 6	999 9	99 9	999 9	1 9	177
34 3	91 2	10047 4	275.0	-46.4	99.9	295 5	8 3	7 5	-3 6	328 0	999 9	99 9	999 9	2 5	158
36.2	96 0	10672 6	250 0	-51 8	99 9	290 1	9.1	8.6	-3 1	329 0	999 9	99 9	999.9	3 4	145
38.3	101 0	11347 0	225.0	-57.5	99 9	273 9	8 2	8 2	-0 6	330 4	999 9	99 9	999 9	4 2	136
40.6	106.5	12081 4	200.0	-62 9	99 9	278 1	11 8	11 7	-1 7	333 1	999 9	99 9	999 9	5 1	126
43 2	112 5	12899 0	175 0	-63.6	99 9	295 5	11 8	10.7	-5 1	345 0	999 9	99.9	999 9	7 1	121
46.2	119 0	13846 3	150.0	-62.8	99.9	295 9	13 7	12 3	-6 0	361 9	999 9	99 9	999 9	9 3	120
49.4	126 0	14973 9	125.0	-61.5	99 9	294 6	14 7	13 4	-6 1	383.6	999 9	99 9	999 9	12 2	119
53.3	134 0	16348 2	100.0	-64.4	99.9	292 8	12 7	11 7	-4 9	403.4	999 9	99 9	999.9	15 3	118
58 4	142 0	18120.8	75.0	-61 9	99 9	307 0	7 6	6 1	-4.6	443 1	999 9	99 9	999 9	18 6	118
64 8	150 3	20648 6	50 0	-57.4	99 9	32 3	3.3	-1 8	-2 8	508 3	999 9	99 9	999 9	19 9	120
74.5	159.0	25058 1	25.0	-52.3	99 9	42 8	3.0	-2 1	-2 2	634 3	999 9	99 9	999 9	19 4	124

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 101
FT SILL, OKLAHOMA

1 MAY 1982
1817 GMT

154 27 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	360.0	981.6	18.0	13.9	50.0	2.1	-1.6	-1.3	292.7	319.4	10.3	77.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	9.4	417.2	975.0	13.6	8.8	63.0	3.3	-2.9	-1.5	288.8	308.0	7.3	72.8	0.2	232
1.1	11.5	637.0	950.0	14.7	12.1	61.9	4.1	-3.6	-1.9	292.1	316.7	9.4	84.3	0.3	236
1.9	13.8	862.2	925.0	12.6	11.5	74.2	4.1	-4.0	-1.1	292.2	316.5	9.3	93.3	0.5	237
2.6	16.0	1092.2	900.0	11.7	10.3	96.7	3.7	-3.6	0.4	293.6	316.8	8.8	91.3	0.7	245
3.6	18.4	1327.8	875.0	10.2	9.3	168.9	1.3	-0.3	1.3	294.4	316.8	8.4	94.1	0.8	252
4.5	20.8	1569.6	850.0	10.1	9.0	232.5	2.6	2.0	1.6	296.7	319.7	8.6	93.2	0.8	252
5.4	23.2	1817.8	825.0	8.7	7.8	221.0	4.2	2.8	3.2	297.8	319.7	8.1	94.1	0.6	263
6.3	25.7	2072.4	800.0	7.3	6.2	232.7	3.9	3.1	2.4	298.9	319.3	7.5	92.9	0.5	279
7.3	28.2	2333.8	775.0	6.6	4.1	999.9	99.9	99.9	99.9	300.9	319.3	6.6	83.8	999.9	999
8.3	30.9	2602.0	750.0	4.1	2.0	999.9	99.9	99.9	99.9	301.0	317.5	5.9	86.0	999.9	999
9.2	33.6	2877.6	725.0	2.9	-0.3	999.9	99.9	99.9	99.9	302.6	317.2	5.2	79.3	999.9	999
10.3	36.2	3161.1	700.0	0.6*	99.9	999.9	99.9	99.9	99.9	303.2	999.9	99.9	999.9	999.9	999
11.4	39.0	3452.2	675.0	-0.8*	99.9	999.9	99.9	99.9	99.9	304.7	999.9	99.9	999.9	999.9	999
12.5	41.7	3753.5	650.0	-1.8	-5.2	999.9	99.9	99.9	99.9	306.9	318.6	4.0	77.8	999.9	999
13.6	44.6	4065.0	625.0	-3.8	-6.3	999.9	99.9	99.9	99.9	308.1	319.4	3.8	83.0	999.9	999
14.8	47.6	4386.6	600.0	-5.8	-7.8	999.9	99.9	99.9	99.9	309.4	320.0	3.5	85.4	999.9	999
15.9	50.6	4719.4	575.0	-7.6	-9.4	999.9	99.9	99.9	99.9	311.1	320.8	3.3	86.8	999.9	999
17.1	53.6	5064.2	550.0	-9.2	99.9	999.9	99.9	99.9	99.9	313.2	999.9	99.9	999.9	999.9	999
18.5	56.8	99.9	525.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
20.0	60.1	99.9	500.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
21.2	63.6	99.9	475.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
22.5	66.9	99.9	450.0	-18.6	-24.4	999.9	99.9	99.9	99.9	319.9	323.7	1.2	59.8	999.9	999
24.1	70.5	99.9	425.0	-22.0	-32.2	999.9	99.9	99.9	99.9	320.8	322.9	0.6	39.2	999.9	999
25.7	74.2	99.9	400.0	-25.5	-37.7	999.9	99.9	99.9	99.9	321.8	323.1	0.4	30.6	999.9	999
27.5	78.2	99.9	375.0	-29.5	-46.7	999.9	99.9	99.9	99.9	322.6	323.2	0.1	16.9	999.9	999
29.2	82.2	99.9	350.0	-33.0	-49.4	999.9	99.9	99.9	99.9	324.3	324.7	0.1	17.4	999.9	999
30.9	86.2	99.9	325.0	-36.7	-54.3	999.9	99.9	99.9	99.9	326.1	326.4	0.1	14.0	999.9	999
32.9	90.8	99.9	300.0	-41.5	99.9	999.9	99.9	99.9	99.9	326.9	999.9	99.9	999.9	999.9	999
34.8	95.5	99.9	275.0	-46.7	99.9	999.9	99.9	99.9	99.9	327.5	999.9	99.9	999.9	999.9	999
36.9	100.5	99.9	250.0	-51.7	99.9	999.9	99.9	99.9	99.9	329.3	999.9	99.9	999.9	999.9	999
39.3	105.8	99.9	225.0	-56.7	99.9	999.9	99.9	99.9	99.9	331.6	999.9	99.9	999.9	999.9	999
41.9	111.5	99.9	200.0	-62.6	99.9	999.9	99.9	99.9	99.9	333.7	999.9	99.9	999.9	999.9	999
44.4	117.5	99.9	175.0	-64.6	99.9	999.9	99.9	99.9	99.9	343.4	999.9	99.9	999.9	999.9	999
47.5	124.2	99.9	150.0	-62.2	99.9	999.9	99.9	99.9	99.9	362.9	999.9	99.9	999.9	999.9	999
50.8	131.2	99.9	125.0	-61.4	99.9	999.9	99.9	99.9	99.9	383.9	999.9	99.9	999.9	999.9	999
54.3	138.5	99.9	100.0	-63.1	99.9	999.9	99.9	99.9	99.9	405.8	999.9	99.9	999.9	999.9	999
59.5	145.7	99.9	75.0	-62.0	99.9	999.9	99.9	99.9	99.9	443.1	999.9	99.9	999.9	999.9	999
66.1	153.7	99.9	50.0	-59.1	99.9	999.9	99.9	99.9	99.9	504.3	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 101
FT SILL, OKLAHOMA

1 MAY 1982
1915 GMT

162 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 7	380.0	980 3	20 8	12 8	30 0	2 1	-1 0	-1 8	295 6	320 8	9 5	60 0	0 0	0
99 9	99 9	99.9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.1	8 0	406.9	975.0	20 2*	13 7	999 9	99 9	99 9	99 9	295 5	322 4	10 2	66 2	999 9	999
0.9	10.3	629.8	950 0	16 6	12 3	999 9	99 9	99 9	99 9	294 1	319 2	9 5	75 6	999 9	999
1.8	12 7	856 3	925 0	14 0	12 1	999 9	99 9	99 9	99 9	293 6	318 9	9 7	88 5	999 9	999
2 8	15 1	1087.3	900 0	12 0	10 9	999 9	99 9	99 9	99 9	293 9	317 9	9 1	92 8	999 9	999
3 8	17 5	1323 4	875 0	10 7	9 8	999 9	99 9	99 9	99 9	294 9	318 2	8 8	94 2	999 9	999
4.8	20.1	1564.8	850 0	9 2	7 4	999 9	99 9	99 9	99 9	295 8	316 2	7 6	88 5	999 9	999
5.8	22 6	1812 2	825 0	7 7	4 5	999 9	99 9	99 9	99 9	296 7	314 2	6 4	80 0	999 9	999
6 9	25 2	2066.2	800 0	7 4	4 0	999 9	99 9	99 9	99 9	299 0	316 7	6 4	79 4	999 9	999
8.0	27 9	2326.9	775 0	5 3	2 7	999.9	99.9	99 9	99 9	299 6	316 2	6 0	82 9	999 9	999
8 9	30 7	2594 7	750 0	4 0	0 4	999 9	99 9	99 9	99 9	301 0	315 7	5 3	77 0	999 9	999
9 9	33 6	2870.2	725 0	2.8	-1 8	999 9	99 9	99 9	99 9	302 6	315 7	4 6	71 5	999 9	999
10 9	36 2	3154.2	700 0	2 0	-2 0	999 9	99 9	99.9	99 9	304 7	318 3	4 7	74 9	999 9	999
12 1	39 2	3447 2	675 0	0 1	-4 3	999 9	99 9	99 9	99 9	305 8	317 8	4 1	71 9	999 9	999
13 2	42 0	3749.1	650 0	-1.5	-5 2	999 9	99 9	99 9	99 9	307 3	319 0	4 0	75 7	999 9	999
14.2	45.1	4061.1	625.0	-3 4	-6.3	999 9	99 9	99 9	99 9	308 6	319 9	3 8	80 2	999 9	999
15 6	48 4	4382 5	600 0	-5 9	-9 5	999.9	99 9	99 9	99 9	309 4	318 7	3 1	75 6	999 9	999
16.7	51 3	4716 5	575 0	-5.9	-13.2	999 9	99 9	99 9	99 9	313 1	320 5	2 4	56 4	999 9	999
18.0	54.5	5063 1	550 0	-8 5	-14 9	999.9	99 9	99 9	99 9	314 0	320 8	2 2	59 8	999 9	999
19 3	57 7	5422 8	525 0	-11 0	99 9	999 9	99 9	99 9	99 9	315.3	999 9	99 9	999 9	999 9	999
20 6	61 1	99 9	500.0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
22.0	64.7	99.9	475 0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
23 5	68 3	99 9	450 0	-18 7	99 9	999 9	99 9	99 9	99.9	319 7	999 9	99 9	999 9	999 9	999
25 0	71.8	99.9	425 0	99 9**	99 9	999.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
26.9	75.8	99.9	400 0	99 9**	99 9	999 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
28 5	79 9	99.9	375 0	99 9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
30 3	84.0	99.9	350 0	-33 7	-49 4	999 9	99 9	99.9	99 9	323 3	323 8	0 1	18 5	999 9	999
32 2	88.3	99.9	325 0	-37 3	-50 7	999 9	99 9	99 9	99 9	325 3	325 8	0 1	22 9	999 9	999
34 1	93.0	99.9	300 0	-42 0	99 9	999 9	99 9	99 9	99 9	326 2	999 9	99 9	999 9	999 9	999
36 1	97 8	99.9	275 0	-46 9	99 9	999.9	99 9	99 9	99 9	327 3	999 9	99 9	999 9	999 9	999
38.5	102 8	99.9	250.0	-52 0	99 9	999 9	99 9	99.9	99 9	328 7	999 9	99 9	999 9	999 9	999
40.8	108.5	99.9	225 0	-56 7	99 9	999 9	99 9	99 9	99 9	331 6	999 9	99 9	999 9	999 9	999
43 3	114 2	99.9	200 0	-62 0	99 9	999 9	99 9	99 9	99.9	334 5	999 9	99.9	999 9	999 9	999
45.8	120.5	99 9	175 0	-64 0	99 9	999 9	99 9	99 9	99 9	344 3	999 9	99 9	999 9	999 9	999
48 9	127 2	99.9	150.0	-61 3	99 9	999 9	99.9	99 9	99 9	364 6	999 9	99 9	999 9	999 9	999
52.3	134.7	99.9	125 0	-61 3	99 9	999.9	99.9	99.9	99 9	384 1	999 9	99 9	999 9	999 9	999
56.3	141.7	99.9	100 0	-63 0	99 9	999.9	99 9	99 9	99 9	406 1	999 9	99.9	999 9	999 9	999
61.3	149 0	99 9	75 0	-62 2	99 9	999 9	99.9	99.9	99 9	442 6	999 9	99 9	999 9	999 9	999
66 1	157.0	99 9	50 0	-59 7	99 9	999 9	99 9	99 9	99 9	502 9	999 9	99 9	999 9	999 9	999
70 3	164.7	99.9	25 0	-53 6	99 9	999 9	99 9	99 9	99 9	631 0	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 101
FT. SILL, OKLAHOMA

1 MAY 1982
2216 GMT

1'6 135 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8 4	360.0	978 2	21.9	14 3	0.0	0 0	0.0	0 0	296 9	324 9	10 6	62.0	0 0	0
99 9	99.9	99.9	1000.0	99 9	99 9	99 9	99.9	99.9	99 9	99 9	999.9	99 9	999 9	999 9	999
0 2	8.7	388.4	975.0	21 4*	99 9	999 9	99.9	99 9	99 9	296 7	999 9	99 9	999.9	999 9	999
0 9	10.8	612 0	950.0	19.1*	99 9	999 9	99.9	99.9	99.9	296 6	999 9	99 9	999 9	999 9	999
1 9	12.9	840 5	925.0	16.7	11 6	999 9	99.9	99 9	99 9	296 4	321 3	9 4	71 9	999 9	999
2 7	15 2	1073 4	900.0	14.3	10 7	999 9	99 9	99 9	99 9	296 2	320 3	9 0	79 0	999 9	999
3.6	17.4	1311.2	875.0	12.5	10 0	999 9	99 9	99 9	99 9	296 8	320 4	8 9	84 6	999 9	999
4 7	19.7	1554.0	850.0	10.7	8 9	999 9	99 9	99 9	99 9	297 3	320 1	8 5	89 0	999 9	999
5 5	21.9	1802.9	825.0	9.6	5 8	999 9	99.9	99 9	99 9	298 8	318 0	7 0	76 9	999 9	999
6 5	24 4	2057.9	800.0	8 0*	99 9	999 9	99 9	99.9	99.9	299 7	999 9	99 9	999 9	999 9	999
7 7	26 6	2318.5	775 0	6.0*	99 9	999 9	99.9	99 9	99 9	300 3	999 9	99 9	999 9	999 9	999
8 9	29 1	2585.6	750 0	3 8	1 6	999 9	99 9	99 9	99 9	300 7	316 7	5 7	85 7	999 9	999
10.0	31.7	2860.8	725 0	2 2	0 6	999 9	99 9	99 9	99 9	301 9	317 4	5 5	88 9	0 9	14
11 6	34 3	3144.3	700.0	1 5	-1 2	176.4	1 9	-0 1	1 9	304 1	318 4	5 0	82 6	1 1	10
12 5	36.8	3436.7	675 0	-0 4	-2 3	169.8	1.2	-0 2	1 2	305 2	318 9	4 8	87 1	1 2	10
13.8	39.6	3738.3	650.0	-1 8	-4 1	81 9	0 7	-0 7	-0 1	307 0	319 6	4 3	83 8	1 3	8
14 8	42.1	4049.9	625.0	-3.3	-7 5	11 0	1 8	-0 4	-1 8	308 7	319 1	3 5	73 0	1 2	8
15 6	45.0	4373.6	600.0	-3 2	-12 0	999.9	99.9	99 9	99 9	312 4	320 2	2 5	50 7	1 1	8
16 9	48.0	4709 4	575.0	-5.2	-14 2	999 9	99 9	99 9	99 9	313 9	320 8	2 2	48 9	999 9	999
18 1	50.8	5057 4	550.0	-7.2	-21 6	999 9	99 9	99.9	99 9	315 6	319 7	1 2	30 8	999 9	999
19 4	53 9	99 9	525.0	99.9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
20 6	56 9	99 9	500.0	99 9**	99 9	999 9	99 3	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
22 0	60.3	99.9	475.0	99.9**	99 9	999 3	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
23 3	63 6	99.9	450.0	99 9**	99.9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
24 8	67 0	99.9	425.0	-21 1	-37 4	999 9	99 9	99 9	99 9	321 9	323 2	0 4	21 2	999 9	999
26.3	70.5	99.9	400.0	-25 0	-37 4	999 9	99 9	99 9	99 9	322 5	323 8	0 4	30 5	999 9	999
27 7	74.3	99 9	375 0	-29.4	-41 4	999 9	99.9	99 9	99 9	322 6	323 6	0 3	30 1	999 9	999
29 3	78.2	99 9	350.0	-33 3	-45 8	999 9	99 9	99 9	99 9	323 9	324 6	0 2	26 8	999 9	999
30 9	82 2	99.9	325.0	-38 3	99 9	999.9	99 9	99 9	99 9	323 9	999 9	99 9	999 9	999 9	999
32 7	86 4	99.9	300.0	-42.2	99 9	999 9	99 9	99 9	99 9	325 8	999 9	99 9	999 9	999 9	999
34 5	91 0	99 9	275.0	-47 4	99 9	999 9	99 9	99 9	99 9	326 5	999 9	99 9	999 9	999 9	999
36 7	95.8	99 9	250.0	-51 4	99 9	999 9	99 9	99 9	99 9	329 7	999 9	99 9	999 9	999 9	999
38.7	100.8	99.9	225.0	-57 1	99 9	999 9	99 9	99 9	99 9	331 1	999 9	99 9	999 9	999 9	999
41 0	106.5	99.9	200 0	-60.5	99 9	999 9	99 9	99 9	99 9	336 9	999 9	99 9	999 9	999 9	999
43 5	112 2	99.9	175.0	-63.9	99 9	999 9	99 9	99 9	99 9	344 5	999 9	99 9	999 9	999 9	999
46 5	118.7	99.9	150.0	-61.4	99 9	999 9	99 9	99 9	99 9	364 3	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	125.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	100.0	99.9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	75.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	25.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 101
FT SILL, OKLAHOMA

2 MAY 1982
139 GMT

108 171 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	360.0	978.1	19.3	14.1	0.0	0.0	0.0	0.0	294.3	321.7	10.4	72.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	8.8	367.4	975.0	19.3	13.8	29.9	3.5	-1.8	-3.1	294.6	321.5	10.3	70.6	0.1	297
0.9	13.8	610.8	950.0	17.7	12.3	59.4	6.2	-5.4	-3.2	295.2	320.4	9.5	70.5	0.4	237
1.6	15.1	838.5	925.0	15.6	11.6	64.2	4.8	-4.3	-2.1	295.3	320.1	9.4	77.0	0.6	239
2.4	15.4	1071.0	900.0	13.7	12.2	83.5	4.1	-4.0	-0.5	295.6	322.0	10.0	90.5	0.8	241
3.2	17.5	1308.2	875.0	11.7	10.7	125.8	3.8	-3.0	2.2	295.9	320.6	9.3	93.6	0.9	249
3.9	20.0	1550.6	850.0	9.9	8.9	150.9	3.1	-1.5	2.7	296.6	319.2	8.5	93.2	1.0	258
4.9	22.3	1798.9	825.0	8.4	7.2	186.2	2.2	0.2	2.2	297.5	318.5	7.8	92.3	1.0	266
5.7	24.8	2053.0	800.0	6.8	5.4	179.3	2.8	-0.1	2.8	298.4	317.6	7.0	90.4	0.9	273
6.5	27.1	2314.2	775.0	5.9	3.8	178.9	3.3	-0.1	3.3	300.2	318.1	6.5	86.4	1.0	282
7.5	29.7	2582.2	750.0	3.7	2.6	194.5	4.1	1.0	4.0	300.6	317.8	6.2	92.8	1.0	293
8.5	32.3	2857.4	725.0	2.2	1.4	202.5	4.2	1.6	3.8	301.8	318.2	5.8	94.3	1.1	308
9.5	35.0	3139.9	700.0	-0.6	-3.0	193.9	2.8	0.7	2.7	301.8	314.2	4.4	84.0	1.1	319
10.5	37.6	3431.5	675.0	0.2	-5.3	182.3	1.9	-0.6	1.8	305.9	317.0	3.8	66.2	1.2	323
11.5	40.4	3733.3	650.0	-1.4	-9.1	125.8	1.0	-0.8	0.6	307.4	316.2	3.0	56.0	1.3	323
12.5	43.1	4045.5	625.0	-2.3	-17.1	75.2	0.8	-0.7	-0.2	309.9	314.8	1.6	30.9	1.4	322
13.5	46.1	4369.0	600.0	-3.2	-35.3	59.5	1.7	-1.5	-0.9	312.4	313.5	0.3	6.5	1.4	320
14.5	49.1	4704.6	575.0	-5.1	-50.1	56.1	3.4	-2.9	-1.9	314.1	314.3	0.1	1.4	1.4	314
15.6	51.9	5052.4	550.0	-7.3	-45.1	50.8	4.9	-3.8	-3.1	315.5	315.9	0.1	3.2	1.5	304
16.6	55.1	5412.8	525.0	-10.0	-45.9	23.3	4.4	-2.2	-3.8	316.4	316.9	0.1	3.4	1.6	292
17.8	58.1	5786.9	500.0	-12.7	-43.6	0.8	3.3	-0.0	-3.3	317.6	318.1	0.2	5.4	1.6	283
18.9	61.5	6176.2	475.0	-15.6	-42.4	335.8	3.2	1.3	-2.9	318.7	319.4	0.2	7.9	1.5	276
20.1	64.9	6581.8	450.0	-18.5	-42.2	322.0	5.1	3.1	-4.0	319.9	320.7	0.2	10.3	1.4	266
21.3	68.3	7004.9	425.0	-22.4	-42.8	311.6	7.6	5.7	-5.1	320.3	321.0	0.2	13.6	1.1	247
22.7	71.8	7446.5	400.0	-26.4	-46.8	323.3	7.7	4.6	-6.2	320.7	321.2	0.1	12.5	1.0	214
24.2	75.7	7909.3	375.0	-30.2	-46.4	313.3	11.2	8.2	-7.7	321.6	322.2	0.2	18.7	1.5	183
25.8	79.7	8396.2	350.0	-34.4	-51.8	304.8	13.2	10.9	-7.6	322.4	322.7	0.1	15.1	2.4	158
27.4	83.7	8909.5	325.0	-39.0	-55.2	304.4	14.1	11.8	-8.0	322.9	323.2	0.1	16.0	3.5	146
28.9	87.8	9453.8	300.0	-42.7	99.9	302.0	12.9	10.9	-6.8	325.1	999.9	99.9	999.9	4.7	140
30.6	92.4	10034.9	275.0	-47.4	99.9	303.7	12.9	10.7	-7.2	326.6	999.9	99.9	999.9	5.9	136
32.2	97.2	10657.8	250.0	-52.3	99.9	306.8	13.2	10.6	-7.9	328.4	999.9	99.9	999.9	7.3	134
33.8	102.3	11333.8	225.0	-56.1	99.9	308.1	11.5	9.1	-7.1	332.5	999.9	99.9	999.9	8.4	134
35.6	108.0	12075.6	200.0	-60.0	99.9	999.9	99.9	99.9	99.9	337.8	999.9	99.9	999.9	9.7	132
37.6	113.7	12898.7	175.0	-64.4	99.9	999.9	99.9	99.9	99.9	343.7	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO. 101
FT SILL, OKLAHOMA

2 MAY 1982
415 GMT

154 19 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	380.0	979.5	18.8	14.7	0.0	0.0	0.0	0.0	293.7	321.9	10.8	77.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	8.8	399.6	975.0	17.7	14.4	59.7	2.5	-2.1	-1.3	293.0	320.7	10.6	80.8	0.1	282
1.1	11.1	621.8	950.0	16.2	14.4	97.1	3.8	-3.7	0.5	293.6	322.2	11.0	89.8	0.3	258
1.9	13.5	848.6	925.0	14.7	13.6	125.8	3.1	-2.5	1.8	294.3	322.2	10.6	93.0	0.5	269
2.7	15.8	1080.3	900.0	13.2	12.3	167.9	3.0	-0.8	3.0	295.1	321.8	10.1	94.1	0.5	281
3.6	18.1	1317.1	875.0	11.2	10.2	183.6	4.1	0.3	4.1	295.4	319.3	9.0	93.7	0.6	300
4.4	20.5	1559.2	850.0	9.9	8.5	195.5	5.6	1.5	5.4	296.5	318.6	8.2	91.1	0.7	318
5.4	22.9	1807.2	825.0	8.1	6.3	206.9	6.2	2.8	5.5	297.2	316.9	7.3	88.4	0.9	339
6.2	25.5	2061.1	800.0	7.0	5.5	205.4	5.1	2.2	4.6	298.7	318.0	7.1	89.7	1.1	349
7.0	28.0	2322.2	775.0	5.9	4.2	193.8	4.2	1.0	4.0	300.2	318.7	6.7	88.9	1.3	355
8.0	30.7	2590.5	750.0	4.1	2.8	205.3	2.8	1.2	2.6	301.0	318.3	6.3	91.2	1.5	357
8.8	33.4	2866.4	725.0	3.1	0.7	228.1	2.3	1.7	1.6	302.9	318.5	5.6	84.0	1.6	360
9.7	36.0	3150.2	700.0	1.6	-2.2	214.9	3.2	1.8	2.7	304.3	317.6	4.7	75.8	1.7	3
10.7	38.8	3442.7	675.0	-0.3	-3.5	204.9	5.0	2.1	4.5	305.3	317.9	4.4	78.9	1.9	6
11.6	41.6	3744.0	650.0	-1.9	-4.8	207.2	3.8	1.7	3.4	306.8	318.9	4.1	80.9	2.2	9
12.9	44.5	4056.1	625.0	-2.1	-11.6	180.0	1.6	0.0	1.6	310.0	317.7	2.5	48.2	2.4	10
13.9	47.5	4379.6	600.0	-3.7	-21.9	152.9	1.2	-0.5	1.1	311.9	315.5	1.1	23.0	2.5	9
15.1	50.6	4715.4	575.0	-4.6	-23.6	95.7	2.3	-2.3	0.2	314.8	317.9	1.0	21.6	2.5	7
16.3	53.6	5063.1	550.0	-7.6	-29.3	62.8	3.9	-3.5	-1.8	315.0	317.1	0.6	15.6	2.4	2
17.6	53.8	5423.6	525.0	-10.3	-32.5	35.8	3.8	-2.2	-3.0	316.1	317.7	0.5	14.2	2.2	356
18.9	60.1	5796.6	500.0	-13.3	-32.5	349.4	2.9	0.5	-2.8	316.8	318.5	0.5	18.0	2.0	353
20.2	63.6	6185.3	475.0	-15.8	-33.9	309.6	4.2	3.2	-2.7	318.5	320.0	0.5	19.2	1.8	357
21.6	66.9	6590.6	450.0	-18.8	-33.7	313.5	6.2	4.5	-4.2	319.6	321.3	0.5	26.1	1.5	9
23.0	70.5	7013.1	425.0	-23.0	-30.2	317.9	6.4	4.3	-4.8	319.5	321.9	0.7	51.4	1.3	29
24.4	74.2	7454.1	400.0	-26.7	-31.9	312.5	8.6	6.4	-5.8	320.4	322.6	0.7	60.9	1.2	56
26.0	78.2	7916.1	375.0	-30.5	-36.8	312.9	12.1	8.8	-8.2	321.2	322.8	0.4	55.4	1.8	89
27.6	82.0	8401.9	350.0	-34.9	-46.8	311.4	12.8	9.6	-8.5	321.6	322.2	0.2	28.4	2.8	107
29.3	86.2	8914.6	325.0	-38.3	99.9	317.9	12.5	8.3	-9.2	323.9	939.9	99.9	999.9	4.0	115
31.2	90.7	9460.0	300.0	-42.9	99.9	328.4	10.3	5.4	-8.7	324.9	999.9	99.9	999.9	5.2	122
33.1	95.3	10041.3	275.0	-47.2	99.9	325.7	9.3	5.2	-7.7	326.9	999.9	99.9	999.9	6.1	127
35.1	100.2	10666.4	250.0	-51.4	99.9	318.5	11.2	7.4	-8.4	329.7	999.9	99.9	999.9	7.4	129
37.3	105.3	11343.6	225.0	-55.6	99.9	305.7	12.6	10.3	-7.4	333.3	999.9	99.9	999.9	8.9	130
39.6	110.8	12084.2	200.0	-61.1	99.9	293.3	16.4	14.4	-7.8	336.0	999.9	99.9	999.9	10.8	128
42.1	116.5	12900.0	175.0	-63.7	99.9	303.8	20.1	16.7	-11.2	344.8	999.9	99.9	999.9	13.7	126
45.1	123.0	13857.7	150.0	-61.5	99.9	300.9	19.8	17.0	-10.2	364.2	999.9	99.9	999.9	17.1	126
48.6	129.7	14983.0	125.0	-62.4	99.9	306.8	17.8	14.3	-10.7	382.1	999.9	99.9	999.9	21.3	126
52.0	136.7	16350.6	100.0	-63.3	99.9	308.3	13.5	10.6	-8.3	405.6	999.9	99.9	999.9	25.2	126
56.6	143.7	18121.7	75.0	-61.7	99.9	319.7	7.3	4.7	-5.6	443.7	999.9	99.9	999.9	28.7	127
66.4	151.3	20636.1	50.0	-60.9	99.9	263.8	3.6	3.6	0.4	500.1	999.9	99.9	999.9	29.9	127
78.4	159.0	25020.2	25.0	-53.9	99.9	87.2	3.6	-3.6	-0.2	629.7	999.9	99.9	999.9	29.0	132

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	772.0	932.4	11.7	10.9	10.0	2.6	-0.5	-2.6	290.6	313.7	8.9	95.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
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
0.1	14.3	838.8	925.0	11.1	10.5	10.8	5.0	-0.9	-4.9	290.7	313.3	8.7	96.2	0.1	186
0.9	17.0	1087.6	900.0	9.9	9.2	27.3	4.8	-2.2	-4.3	291.7	313.1	8.2	95.7	0.3	188
1.8	19.6	1302.1	875.0	9.6*	8.9	75.9	4.2	-4.1	-1.0	293.7	315.5	8.2	95.6	0.4	206
2.3	22.3	1542.8	850.0	8.4	7.5	100.3	5.1	-5.0	0.9	295.0	315.5	7.7	94.1	0.5	228
3.0	25.0	1789.5	825.0	7.1	6.4	103.8	4.9	-4.8	1.2	296.1	315.9	7.3	94.9	0.7	243
3.8	27.7	2047.9	800.0	6.1	5.4	117.8	4.0	-3.6	1.9	297.6	316.9	7.1	95.6	0.8	254
4.8	30.4	2303.0	775.0	4.6	3.9	115.1	4.8	-4.3	2.0	298.7	316.7	6.6	95.4	1.0	262
5.4	33.1	2569.9	750.0	3.3	2.3	101.7	5.8	-5.7	1.2	300.2	317.0	6.1	93.3	1.2	268
6.5	35.7	2845.0	725.0	2.2	-2.4	90.3	5.3	-5.3	0.0	301.9	314.5	4.5	71.8	1.6	270
7.8	38.6	3128.5	700.0	1.5	-3.7	91.7	4.9	-4.9	0.1	304.1	316.1	4.2	68.5	2.0	269
8.8	41.3	3420.4	675.0	-1.0	-4.8	112.9	5.4	-4.9	2.1	304.5	316.0	4.0	75.3	2.3	271
10.1	44.2	3720.9	650.0	-2.9	-5.3	118.4	5.8	-5.1	2.8	305.7	317.2	4.0	83.4	2.6	276
10.9	47.1	4030.8	625.0	-5.1	-5.5	104.1	6.5	-6.3	1.6	306.7	318.5	4.1	96.6	2.9	277
11.8	50.0	4350.8	600.0	-6.5	-10.6	94.6	7.0	-7.0	0.6	308.6	317.1	2.8	72.3	3.3	277
13.1	53.0	4683.7	575.0	-6.8	-31.9	83.9	5.6	-5.6	-0.6	312.1	313.6	0.5	11.3	3.8	276
14.7	56.1	5029.6	550.0	-8.5	-31.1	81.9	4.2	-4.2	-0.6	314.0	315.8	0.5	14.1	4.3	274
16.0	59.1	5389.1	525.0	-10.3	-32.9	999.9	99.9	99.9	99.9	316.0	317.6	0.5	13.7	4.5	274
17.1	62.4	5764.0	500.0	-12.0	-25.6	999.9	99.9	99.9	99.9	318.5	321.6	0.9	30.9	999.9	999
18.2	65.6	6155.5	475.0	-14.7	-28.1	999.9	99.9	99.9	99.9	319.8	322.9	0.9	37.0	999.9	999
19.7	68.9	6562.1	450.0	-17.9	-29.0	999.9	99.9	99.9	99.9	320.8	323.4	0.8	36.9	999.9	999
21.4	72.3	99.9	425.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
23.2	75.8	99.9	400.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
25.2	79.4	99.9	375.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
27.2	83.9	99.9	350.0	-31.9	-51.3	999.9	99.9	99.9	99.9	325.7	326.1	0.1	12.5	999.9	999
29.4	86.6	99.9	325.0	-36.3	-51.7	999.9	99.9	99.9	99.9	326.6	327.0	0.1	18.5	999.9	999
31.6	90.7	99.9	300.0	-40.8	99.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999
33.9	94.8	99.9	275.0	-45.5	99.9	999.9	99.9	99.9	99.9	329.3	999.9	99.9	999.9	999.9	999
36.3	99.2	99.9	250.0	-51.2	99.9	999.9	99.9	99.9	99.9	330.0	999.9	99.9	999.9	999.9	999
38.7	103.7	99.9	225.0	-56.7	99.9	999.9	99.9	99.9	99.9	33 7	999.9	99.9	999.9	999.9	999
41.2	108.8	99.9	200.0	-61.2	99.9	999.9	99.9	99.9	99.9	335.9	999.9	99.9	999.9	999.9	999
44.4	114.0	99.9	175.0	-65.4	99.9	999.9	99.9	99.9	99.9	342.0	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 102
POST, TEXAS

1 MAY 1982
1425 GMT

142 48 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	772.0	933.7	11.9	11.3	40.0	2.8	-1.7	-2.0	290.7	314.2	9.1	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	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	15.0	850.3	925.0	11.3	10.4	60.2	5.8	-5.0	-2.9	290.9	313.4	8.6	94.0	0.2	245
0.8	17.6	1079.6	900.0	10.0	9.1	68.4	5.5	-5.2	-2.0	291.8	313.0	8.1	94.1	0.3	243
1.6	20.3	1313.8	875.0	9.0	8.1	94.5	5.1	-5.0	0.4	293.1	313.7	7.8	94.0	0.5	249
2.3	23.0	1554.2	850.0	8.4	7.4	116.0	5.1	-4.6	2.2	294.9	315.4	7.7	93.6	0.7	261
3.1	25.7	1801.2	825.0	7.4	6.4	107.1	4.2	-4.0	1.2	296.4	316.3	7.4	93.5	0.9	270
3.9	28.4	2054.6	800.0	6.5	5.3	96.0	2.0	-2.0	0.2	298.1	317.2	7.0	91.7	1.0	271
4.8	31.1	2315.3	775.0	5.1	4.1	98.0	3.4	-3.4	0.5	299.4	317.6	6.7	92.9	1.1	271
5.5	34.0	2583.1	750.0	4.7	1.8	108.5	5.2	-4.9	1.6	301.7	318.0	5.8	81.6	1.3	274
6.6	36.7	2859.5	725.0	3.6	-0.5	104.4	4.8	-4.8	1.2	303.4	317.9	5.1	74.5	1.7	277
7.6	39.6	3143.6	700.0	1.5	-2.2	88.8	4.8	-4.8	-0.1	304.2	317.5	4.7	76.2	2.0	277
8.6	42.4	3438.2	675.0	-0.3	-4.1	87.0	4.7	-4.7	-0.2	305.3	317.4	4.2	75.7	2.3	275
9.6	45.4	3737.6	650.0	-2.0	-5.0	106.0	4.4	-4.3	1.2	306.7	318.6	4.1	80.3	2.5	275
10.7	48.3	4048.9	625.0	-3.5	-6.8	124.9	4.2	-3.4	2.4	308.4	319.3	3.7	76.1	2.8	278
11.8	51.3	4371.0	600.0	-4.7	-10.6	84.8	3.5	-3.5	-0.3	310.7	319.4	2.9	63.8	3.0	279
12.9	54.4	4705.0	575.0	-5.1	-24.5	28.4	3.6	-1.6	-3.2	314.0	317.1	0.9	20.5	3.2	278
14.2	57.4	5054.1	550.0	-6.7	-23.0	355.0	3.0	0.3	-3.0	316.1	320.0	1.2	28.3	3.2	272
15.7	60.6	5415.7	525.0	-9.2	-23.2	336.3	3.0	1.2	-2.8	317.4	321.1	1.1	30.9	3.1	267
17.4	63.7	5791.3	500.0	-11.8	-22.7	338.4	2.4	0.9	-2.2	316.7	322.7	1.2	39.7	3.0	262
18.8	66.9	6182.6	475.0	-14.0	-28.6	356.9	2.8	0.1	-2.8	320.7	323.7	0.9	33.3	3.0	258
20.6	70.3	6590.9	450.0	-16.2	-28.6	349.0	3.2	0.6	-3.1	321.6	324.8	0.9	43.1	3.1	252
22.4	73.6	7016.3	425.0	-21.0	-29.5	310.5	2.6	2.0	-1.7	322.0	324.7	0.8	46.3	3.1	246
24.2	77.2	7461.1	400.0	-24.3	-36.6	300.3	5.5	4.7	-2.8	323.4	324.9	0.4	30.6	2.9	242
26.1	80.9	7926.6	375.0	-27.8	-46.3	287.2	5.0	4.8	-1.5	325.0	325.6	0.2	14.8	2.6	226
28.0	84.7	8421.1	350.0	-31.6	-49.9	311.6	6.5	4.9	-4.3	326.1	326.5	0.1	14.4	2.4	214
29.9	88.4	8940.6	325.0	-36.1	99.9	310.4	8.7	6.6	-5.6	327.0	999.9	99.9	999.9	2.9	198
31.8	92.3	9491.0	300.0	-40.8	99.9	288.0	7.1	7.1	0.3	327.9	999.9	99.9	999.9	2.9	178
34.1	96.5	10076.4	275.0	-45.6	99.9	299.0	7.9	6.9	-3.8	329.1	999.9	99.9	999.9	3.2	165
36.3	131.0	10704.6	250.0	-50.4	99.9	298.7	10.7	10.1	-3.4	331.2	999.9	99.9	999.9	4.2	152
38.8	105.0	11383.4	225.0	-55.8	99.9	284.8	11.5	11.1	-2.9	333.0	999.9	99.9	999.9	5.4	138
41.4	110.[illegible]	12128.2	200.0	-60.5	99.9	292.0	13.1	12.1	-4.9	336.9	999.9	99.9	999.9	7.1	131
44.4	116.[illegible]	12947.7	175.0	-62.9	99.9	288.4	16.2	15.6	-4.6	346.1	999.9	99.9	999.9	9.5	125
48.1	121.[illegible]	13846.3	150.0	-59.2	99.9	295.9	18.4	16.5	-8.0	368.2	999.9	99.9	999.9	13.6	121
52.5	128.3	15044.8	125.0	-61.6	99.9	294.4	15.1	13.8	-6.2	383.5	999.9	99.9	999.9	18.1	120
57.6	135.7	16421.7	100.0	-62.8	99.9	291.7	11.8	11.0	-4.4	406.4	999.9	99.9	999.9	21.7	119
64.2	144.3	18197.2	75.0	-61.8	99.9	303.9	9.8	6.0	-5.4	443.5	999.9	99.9	999.9	26.6	119
73.9	155.0	20728.0	50.0	-56.5	99.9	999.9	99.9	99.9	99.9	510.4	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
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ORIGINAL PAGE IS
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STATION NO. 102
POST, TEXAS

1 MAY 1982
1729 GMT

132 67 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	772.0	934.0	14.2	12.4	40.0	2.6	-1.7	-2.0	293.0	318.6	9.8	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
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
0.3	14.4	853.7	925.0	12.4	10.9	73.2	6.5	-6.2	-1.9	292.0	315.4	8.9	90.8	0.1	251
1.0	17.1	1083.2	900.0	10.6	10.0	76.3	5.9	-5.7	-1.4	292.4	315.1	8.6	96.2	0.3	253
1.7	19.7	1317.8	875.0	9.2	8.8	88.0	5.7	-5.7	-0.2	293.4	315.0	8.2	96.9	0.6	256
2.4	22.2	1558.6	850.0	8.7	8.3	93.2	5.3	-5.3	0.3	295.3	317.0	8.1	96.8	0.8	261
3.3	24.9	1805.7	825.0	7.6	6.9	99.6	4.8	-4.8	0.8	298.6	317.1	7.6	95.5	1.0	265
4.3	27.7	2059.2	800.0	6.0	5.4	115.5	2.9	-2.6	1.3	297.5	316.7	7.0	95.8	1.3	268
5.2	30.3	2319.3	775.0	4.9	4.3	133.3	3.9	-2.8	2.6	299.1	317.7	6.8	95.9	1.4	272
6.2	33.0	2586.7	750.0	3.7	3.2	147.7	5.4	-2.9	4.6	300.6	318.4	6.4	96.0	1.6	280
7.1	35.8	2862.0	725.0	2.2	0.7	148.3	5.4	-2.8	4.6	301.9	317.5	5.6	90.1	1.8	288
8.3	38.6	3145.3	700.0	0.7	-1.5	132.5	5.4	-4.0	3.6	303.3	317.3	4.9	85.3	2.1	293
9.6	41.4	3437.0	675.0	-0.7	-4.0	111.1	5.4	-5.0	1.9	304.9	317.1	4.2	77.8	2.5	295
10.8	44.3	3738.2	650.0	-1.8	-6.1	101.6	3.5	-3.5	0.7	307.0	317.9	3.7	71.9	2.9	293
12.4	47.2	4049.7	625.0	-3.5	-8.6	142.1	1.7	-1.0	1.3	308.5	318.0	3.2	67.6	3.1	293
13.9	50.1	4372.3	600.0	-3.9	-15.3	61.1	1.3	-1.1	-0.6	311.6	317.6	1.9	40.6	3.2	294
15.3	53.1	4707.9	575.0	-5.3	-18.8	347.1	4.1	0.9	-4.0	313.8	318.6	1.5	33.6	3.1	291
16.8	56.1	5055.5	550.0	-7.5	-19.3	336.3	5.5	2.2	-5.0	315.2	320.0	1.5	38.2	2.8	283
18.4	59.3	5416.4	525.0	-10.0	-21.3	331.2	5.8	1.8	-3.3	316.4	320.7	1.3	39.0	2.5	275
20.2	62.4	5791.2	500.0	-12.3	-21.2	341.9	2.4	0.7	-2.2	318.1	322.7	1.4	47.0	2.4	269
21.9	65.5	6181.2	475.0	-15.2	-24.5	289.9	2.7	2.5	-0.9	319.1	322.8	1.1	44.7	2.2	265
23.7	68.8	6587.9	450.0	-18.0	-27.8	269.1	4.3	4.3	0.1	320.6	323.5	0.9	41.7	1.9	263
25.5	72.1	7012.5	425.0	-21.0	-43.1	312.2	3.9	2.9	-2.6	322.1	322.8	0.2	11.7	1.4	261
27.4	75.6	7457.4	400.0	-24.2	-46.6	339.7	3.4	1.2	-3.2	323.5	324.0	0.1	10.5	1.4	251
29.3	79.1	7925.0	375.0	-27.5	-50.0	291.1	7.7	7.2	-2.8	325.2	325.6	0.1	9.5	1.0	221
31.3	82.7	8417.7	350.0	-31.8	99.9	300.2	6.1	5.3	-3.1	325.9	999.9	99.9	999.9	1.0	183
33.4	86.5	8938.4	325.0	-36.5	-53.3	289.3	7.0	6.6	-2.3	326.3	326.6	0.1	14.7	1.6	150
35.6	90.5	9485.6	300.0	-41.1	99.9	294.0	6.6	6.0	-2.7	327.4	999.9	99.9	999.9	2.3	136
37.9	94.5	10071.1	275.0	-46.0	99.9	286.2	12.4	12.0	-3.5	328.7	999.9	99.9	999.9	3.6	126
40.4	98.8	10697.6	250.0	-51.3	99.9	289.1	12.0	11.3	-3.9	329.8	999.9	99.9	999.9	5.3	119
43.0	103.4	11375.3	225.0	-55.8	99.9	284.8	10.5	10.1	-2.6	333.3	999.9	99.9	999.9	6.9	117
45.8	108.4	12117.3	200.0	-60.3	99.9	279.0	15.1	14.9	-2.4	337.2	999.9	99.9	999.9	8.9	113
48.7	113.5	12944.1	175.0	-62.5	99.9	289.2	17.3	16.3	-5.7	346.8	999.9	99.9	999.9	11.6	111
52.2	119.2	13901.5	150.0	-60.4	99.9	297.0	18.1	16.2	-8.2	366.0	999.9	99.9	999.9	15.5	111
56.3	125.7	15033.4	125.0	-62.0	99.9	293.2	16.4	15.0	-6.5	382.8	999.9	99.9	999.9	19.7	113
61.0	133.0	16410.0	100.0	-63.7	99.9	295.6	12.6	11.3	-5.4	404.6	999.9	99.9	999.9	24.2	113
67.4	141.0	18185.6	75.0	-61.9	99.9	277.8	6.3	6.2	-0.9	443.2	999.9	99.9	999.9	27.3	114
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 102
POST, TEXAS

1 MAY 1982
2012 GMT

140 46 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	13.3	772.0	932.5	15.9	12.3	60.0	1.0	-0.9	-0.5	294 9	320 5	9 7	79.0	0.0	0.
99 9	99.9	99.9	1000.0	99.9	99 9	99.9	99.9	99.9	99.9	99 9	999 9	99 9	999 9	999.9	999.
99 9	99.9	99.9	975.0	99.9	99.9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999.9	999.9	999.
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.
0 2	14.1	840.4	925.0	13.3	11.4	153 6	1.1	-0 5	1.0	292.9	317 0	9 2	88 5	0 2	245.
1.0	16.7	1071.0	900.0	11.7	10 8	111.2	1.8	-1 6	0.6	293 6	317 6	9 1	94 3	0 2	257
1 8	19.3	1306.5	875.0	9.9	9 2	100 8	2.8	-2.8	0.5	294.1	316.4	8 4	95.5	0 3	262
2 9	21.9	1547.7	850.0	9.2	8 5	125 7	3.3	-2 7	1 9	295 8	317 8	8 2	95 1	0 5	277
4.0	24.6	1795.4	825.0	8.0	7 2	142 2	4.4	-2.7	3 4	297.0	317 9	7 3	94.7	0 7	290
5 1	27.2	2049.3	800.0	6.5	5 6	99 7	4 0	-3 9	0.7	298 1	317 5	7 1	93 7	0 9	298
6 2	29.9	2310.1	775.0	5.7	4 8	123 2	3.3	-2.7	1 8	299 9	319 1	7 0	93.8	1 1	292
7 5	32.7	2578.1	750.0	3.6	2 6	156 4	3.5	-1 4	3.2	300 5	317 7	6 2	93 2	1 3	298
8.4	35.4	2853.1	725.0	2 2	1 4	164 0	4.2	-1.2	4.1	301 9	318 3	5 9	94 6	1 5	303
9 6	38 2	3135.9	700.0	0 3	-2 4	152 8	5.1	-2 3	4 6	302 8	315 8	4 6	82 1	1 8	310
10 9	40.9	3427.2	675.0	-0 7	-3 9	135.5	4.1	-2.9	2.9	304 9	317 2	4 3	78 8	2 2	312.
12 4	43.8	3729.0	650.0	-0.9	-6 5	174 5	2.2	-0 2	2 2	307.9	318 6	3 6	65 9	2 4	313.
13 9	46.7	4041.7	625.0	-1.3	-14.6	312.9	1.9	1 4	-1.3	311.0	317.4	2 1	37.8	2 5	315
15 3	49.5	4367.0	600.0	-2.1	-15.0	344 2	4.5	1 2	-4 3	313 7	319.9	2 0	36.3	2 2	310
17 0	52 6	4703.7	575.0	-4.7	-16.0	337 5	3.7	1 4	-3 4	314 5	320.5	1 9	40 8	1 8	305.
18.6	55.6	5052.4	550.0	-6.7	-18.9	340.7	3.1	1.0	-2 9	316.2	321.2	1 6	37.1	1 6	296
20.3	58.6	5414.2	525.0	-9.1	-20.3	298.7	1.8	1.6	-0.9	317 5	322.2	1 4	39 6	1 4	292.
22.1	61.8	5790.2	500.0	-11.4	-25.4	277.4	2 9	2 9	-0.4	319 2	322 4	1 0	30.3	1 2	294
24.0	65.0	6181.6	475.0	-14.5	-26.2	274 9	4.8	4.8	-0.4	320 1	323.3	0 9	36 0	0 8	305.
25.9	68.3	6589.1	450.0	-17.4	-38.2	288.1	4.7	4.5	-1.5	321.4	322.5	0 3	14.4	0 4	352
28.0	71.6	7014.8	425.0	-20.4	-41.7	288.8	4.0	3.8	-1 3	322 9	323.7	0 2	12.7	0 5	67.
30.0	75.0	7460.7	400.0	-23.7	-44.1	292.3	4.8	4.4	-1 8	324.2	324.9	0 2	13.1	0.9	88.
32.0	78.4	7929.4	375.0	-27 3	-46 7	294.2	7.0	6.4	-2 9	325.4	326 0	0 1	13.8	1 5	100.
34 1	82.1	8421.1	350.0	-31.9	-47 4	283 9	8.1	7.8	-1.9	325.8	326 3	0 1	19 6	2 5	104.
36 4	85.9	8939.6	325.0	-36.6	-48.5	283 2	7.2	7 0	-1 6	326 3	326 8	0 1	27.5	3 6	103
38 9	89.8	9489.5	300.0	-40.9	99 9	290 4	8 8	8 2	-3 0	327 8	999 9	99 9	999.9	4 7	104
41 4	94 0	10074.3	275.0	-46.3	99 9	294 1	10.9	9 9	-4.4	328 2	999 9	99 9	999.9	6 1	106.
44 1	98.3	10700.8	250.0	-50.9	99 9	290 8	11 9	11 1	-4 2	330 4	999 9	99 9	999 9	8 0	108.
46 9	103.0	11378.7	225.0	-55.8	99 9	277 9	14.5	14 3	-2 0	333 0	999 9	99 9	999 9	10 0	107.
49 8	107.8	12123.7	200.0	-58 3	99 9	283 2	17.4	16 9	-4 0	340 4	999 9	99 9	999 9	12 9	105
52 9	113.0	12954.7	175.0	-61.9	99.9	289 9	18.7	17 6	-6 4	347 9	999 9	99 9	999 9	16 1	106.
56 6	119.0	13912.0	150.0	-59.7	99 9	290 9	20.2	18.9	-7 2	367 2	999 9	99 9	999 9	20 8	107
60 8	125.2	15046.2	125.0	-60.7	99.9	285.4	17.4	16 7	-4.6	385 1	999 9	99 9	999 9	25 3	107
65 9	132.3	16420.8	100.0	-64 1	99.9	296 2	14 4	12 9	-6 4	403 9	999 9	99 9	999 9	30 3	107.
72 5	140.7	18188.1	75.0	-62.5	99.9	291 1	6.3	5 8	-2 2	441.9	999 9	99 9	999 9	34.2	109
81 6	150.5	20703.3	50.0	-57.9	99 9	999 9	99.9	99 9	99 9	507 1	999 9	99 9	999.9	999 9	999
99 9	99.9	99.9	25.0	99.9	99.9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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

STATION NO. 102
POST, TEXAS

1 MAY 1982
2313 GMT

139 51 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	772 0	930 9	15.9	12 3	120 0	1 0	-0 9	0 5	295.0	320 7	9 7	79.0	0 0	0
99.9	99 9	99.9	1000 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
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
0.2	15 0	625 9	925 0	15.2	99 9	92.1	6 9	-6 9	0 3	294 9	999 9	99 9	999 9	0 1	295
0.9	17.6	1057.6	900 0	13.0	11.7	93.7	5 4	-5 4	0 3	295 0	320 5	9 7	91.9	0 2	277
1.6	20.2	1294 4	875 0	11.2	10 4	100 8	3 6	-3 6	0 7	295 5	319 7	9 1	94 7	0 4	277
2.5	22.9	1536 4	850 0	9.7	9.1	118 0	2 5	-2 2	1 2	296 4	319 3	8 6	95 7	0 5	279
3.2	25 6	1784 6	825.0	8.7	6 3	136 3	2 9	-1 9	2.0	297 8	317 6	7 3	84 7	0 6	285
4.1	28 3	2039 0	800 0	7.4	3 5	103 9	2 9	-2 8	0 7	299 0	316 1	6 2	76 4	0 8	287
4.8	31.0	2300 2	775.0	6.1	1.7	133 1	2 1	-1 6	1 5	300 4	316 0	5 6	73 4	0 9	287
5.6	33.8	2568.7	750.0	4.7	0 7	193 8	3 2	0 8	3.1	301 6	316 8	5 4	75 6	0 9	292
6.6	36 6	2845 0	725 0	3.6	-0 4	202 3	5 0	1 9	4 6	303 4	318 0	5 1	75 1	1 0	307
7.4	39.4	3129.4	700.0	1.6	-0.9	197 8	5.0	1 5	4 7	304 3	318 9	5 1	83 4	1 1	321
8.2	42.3	3423.0	675.0	1.8	-4.4	202 2	1.9	0.7	1 8	307.7	319 7	4.1	63 2	1 2	328
9.1	45.1	3726 9	650.0	1.0	-7.6	315 0	0 6	0 5	-0 5	310.1	320 0	3 3	52 7	1 2	329
10.3	48.0	4041.6	625.0	0.6	-21.9	52.6	1.1	-0 8	-0 6	313 1	316.5	1 1	16 6	1 1	326
11.4	51.0	4367.8	600.0	-2 0	-15 9	90 7	0 7	-0 7	0 0	313 8	319 6	1 8	33 5	1 2	323
12.6	54.0	4705 2	575 0	-3.9	-17.7	14 9	0 7	-0 2	-0.6	315 5	320 7	1 6	33 0	1 2	323
13.9	57.0	5054.6	550.0	-6.1	-19 3	355 3	1 4	0 1	-1 4	316 8	321 7	1 5	34 2	1 1	319
15.1	60.1	5417.3	525.0	-8.7	-21 4	312 7	2 3	1 7	-1 6	318 0	322 3	1 3	34 7	1 0	318
16.5	63.4	5794.6	500.0	-10.6	-26.5	288 3	4.9	4 7	-1 6	320 1	323 1	0 9	25 6	0 7	330
18.1	66.6	6187.3	475.0	-13.6	-27.3	297.9	4.5	4 0	-2 1	321 2	324 0	0 9	30 4	0 5	13
19.8	70.0	6595 9	450.0	-16.3	-41.7	303 1	3 5	2 9	-1 9	322 8	323 6	0 2	9 0	0 5	58
21.4	73.3	7024.1	425.0	-19.1	-43 9	295.7	4.9	4 4	-2 1	324.5	325 2	0 2	8 9	0 7	83
23.2	76.8	7472 5	400.0	-22.6	-44.9	295.1	6 5	5.9	-2 7	325 7	326 3	0 2	10.9	1 3	98
24.9	80.4	7942.3	375.0	-26.8	-46.3	287.4	8 0	7 6	-2.4	326 1	326 7	0 2	13 7	2 0	103
26.6	84.0	8436 3	350.0	-30 3	-50 6	283 8	9 6	9.3	-2.3	327 9	328 3	0 1	11 6	2 9	103
28.5	87 9	8958.0	325 0	-35.4	-54.0	291.2	10 4	9 7	-3 8	327 9	328 2	0 1	12 7	4 1	105
30.7	91 8	9510 7	300.0	-39.6	99 9	288 7	11 2	10 6	-3 6	329 6	999 9	99 9	999 9	5 5	106
33.0	96 0	10098.7	275 0	-45.2	99.9	286.5	12 3	11 8	-3 5	329 8	999 9	99 9	999 9	7 0	106
35.1	100.2	10726.9	250.0	-49.2	99 9	280.2	16 2	16 0	-2 9	333 0	999 9	99 9	999.9	8 8	106
37.7	104.8	11413.5	225 0	-53.8	99.9	279.9	19 4	19 1	-3 3	336 1	999 9	99 9	999 9	11 6	104
40.6	109 8	12162.9	200.0	-58.2	99.9	287 5	20 1	19 1	-6 0	340 6	999 9	99 9	999 9	15 0	104
43.5	115.0	12995 1	175 0	-61.8	99.9	287.4	20 2	19.3	-6.0	348 0	999 9	99 9	999.9	18 4	105
46.9	120 7	13952 8	150 0	-60.9	99.9	287 8	22 1	21 0	-6 8	365 2	999 9	99 9	999 9	23 1	105
51.0	127.2	15083.9	125.0	-61.7	99.9	291 1	19 0	17.7	-6.8	383 3	999 9	99 9	999.9	28 0	106
55.8	134.3	16456.3	100.0	-64.7	99.9	293.9	14 1	12.9	-5 7	402.7	999 9	99 9	999 9	32 8	107
61.9	143.0	18209.7	75.0	-64.0	99.9	314 8	8.2	5.8	-5 3	436 7	999.9	99 9	999 9	36 7	108
99.9	99.3	99.9	50.0	99.9	99.9	99.9	99 9	99 9	99.9	99 9	999 9	99.9	999 9	999 9	999
99.9	99.9	99.9	25 0	99.9	99.9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN [illegible] DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 102
POST, TEXAS

2 MAY 1982
210 GMT

141 53 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	772.0	931.2	14.7	12.9	80.0	1.0	-1.0	-0.2	293.8	320.3	10.1	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
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
0.3	15.4	828.6	925.0	14.5	99.9	999.9	99.9	99.9	99.9	294.1	999.9	99.9	999.9	999.9	999
1.1	18.1	1059.6	900.0	12.4	11.1	999.9	99.9	99.9	99.9	294.3	318.7	9.3	91.5	999.9	999
1.9	20.6	1295.8	875.0	10.7	9.8	999.9	99.9	99.9	99.9	294.9	318.0	8.7	94.1	0.3	286
2.8	23.4	1537.4	850.0	9.1	8.4	142.5	3.0	-1.8	2.4	295.7	317.5	8.2	95.3	0.5	299
3.6	26.1	1784.6	825.0	7.7	7.0	137.8	3.3	-2.2	2.4	296.8	317.4	7.7	95.1	0.6	303.
4.6	28.5	2038.4	800.0	7.8	6.1	148.6	4.2	-2.2	3.6	299.5	319.7	7.4	88.8	0.8	309
6.0	31.7	2299.2	775.0	5.4	2.1	161.9	3.6	-1.1	3.4	299.6	315.6	5.8	79.5	1.1	316
7.3	34.4	2567.3	750.0	4.3	1.7	177.1	5.0	-0.3	5.0	301.3	317.5	5.8	83.0	1.4	323
8.7	37.2	2843.0	725.0	2.5	1.6	198.9	7.3	2.4	6.9	302.3	318.9	6.0	93.5	1.8	334
10.1	40.1	3126.8	700.0	1.9	-3.5	229.3	8.1	6.2	5.3	304.6	316.8	4.2	67.1	2.2	349
11.6	43.0	3419.8	675.0	1.0	-8.3	239.9	5.1	4.4	2.5	306.7	315.7	3.0	49.8	2.5	3.
12.9	45.9	3722.5	650.0	-0.7	-10.2	183.7	1.3	0.1	1.3	308.2	316.3	2.7	48.5	2.7	7.
14.3	48.8	4035.2	625.0	-1.9	-18.5	99.5	0.6	-0.6	0.1	310.2	314.7	1.4	26.7	2.6	7
15.9	51.8	4358.9	600.0	-3.5	-16.5	124.6	0.5	-0.4	0.3	312.0	317.6	1.8	36.4	2.7	6
17.4	54.8	4694.3	575.0	-5.2	-23.2	59.8	0.8	-0.7	-0.4	313.9	317.3	1.0	22.8	2.7	5
19.1	57.9	5042.0	550.0	-7.5	-22.3	344.2	0.9	0.2	-0.9	315.2	319.0	1.2	29.3	2.6	4.
20.8	61.0	5402.7	525.0	-9.7	-26.3	282.1	2.9	2.8	-0.6	316.7	319.5	0.8	24.3	2.6	7.
22.5	64.3	5777.6	500.0	-12.8	-26.3	260.3	4.5	4.4	0.8	317.5	320.4	0.9	31.1	2.6	16
24.3	67.4	6166.6	475.0	-15.8	-32.4	265.0	3.5	3.5	0.3	318.5	320.5	0.6	25.1	2.9	24
26.2	70.9	6572.5	450.0	-18.1	-41.0	296.5	2.2	2.0	-1.0	320.5	321.3	0.2	11.4	3.0	29
28.2	74.3	6997.0	425.0	-21.4	-43.5	298.5	3.9	3.5	-1.9	321.6	322.3	0.2	11.4	3.0	35
30.1	77.9	7440.8	400.0	-25.0	-45.1	303.8	6.0	5.0	-3.3	322.5	323.2	0.2	13.2	3.1	46
32.0	81.4	7906.1	375.0	-29.1	-47.9	303.7	8.0	6.7	-4.4	323.1	323.6	0.1	14.1	3.4	60
34.1	85.2	8395.2	350.0	-33.3	-52.1	311.9	8.7	6.5	-5.8	323.8	324.2	0.1	13.1	3.8	74
36.3	89.0	8911.1	325.0	-37.2	-55.5	308.4	9.8	7.7	-6.1	325.4	325.6	0.1	12.8	4.7	87
38.6	93.2	9458.4	300.0	-42.3	99.9	301.3	10.8	9.2	-5.6	325.7	999.9	99.9	999.9	5.8	96.
41.0	97.2	10041.1	275.0	-46.1	99.9	292.2	15.3	14.1	-5.8	328.5	999.9	99.9	999.9	7.5	100
43.6	101.8	10669.5	250.0	-50.2	99.9	286.2	21.3	20.4	-5.9	331.4	999.9	99.9	999.9	10.3	103
46.1	106.4	11350.6	225.0	-54.8	99.9	281.2	22.1	21.6	-4.3	334.5	999.9	99.9	999.9	13.8	103
48.9	111.5	12093.5	200.0	-60.6	99.9	282.6	22.4	21.9	-4.9	336.8	999.9	99.9	999.9	17.5	102
52.0	116.8	12915.8	175.0	-63.6	99.9	285.7	20.6	19.8	-5.6	344.9	999.9	99.9	999.9	21.4	103.
55.6	122.7	13866.9	150.0	-62.1	99.9	290.5	21.2	19.9	-7.4	363.2	999.9	99.9	999.9	26.0	104
59.9	129.3	14985.3	125.0	-65.5	99.9	298.1	19.1	16.8	-9.0	376.3	999.9	99.9	999.9	31.3	105
65.2	136.7	16342.9	100.0	-66.2	99.9	306.5	12.6	10.2	-7.5	399.9	999.9	99.9	999.9	36.0	108
72.2	145.3	18096.2	75.0	-65.1	99.9	310.6	5.8	4.4	-3.8	436.5	999.9	99.9	999.9	39.6	110
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 102
POST, TEXAS

2 MAY 1982
512 GMT

137 49 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX R.O GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	772.0	931.7	14.9	13.1	0.0	0.0	0.0	0.0	293.9	320.8	10.3	89.0	0.0	0
99.9	99.9	99.9	100[illegible].0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	9[illegible].0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	14.3	833.3	925.0	14.7	13.2	999.9	99.9	99.9	99.9	294.4	321.6	10.4	90.4	999.9	999
1.0	18.9	1065.1	900.0	13.3	11.5	999.9	99.9	99.9	99.9	295.3	320.4	9.5	88.5	999.9	999
1.9	19.5	1302.1	875.0	11.8	10.1	999.9	99.9	99.9	99.9	295.9	319.6	8.9	90.3	0.4	298
2.9	22.1	1544.4	850.0	9.8	9.0	129.1	4.1	-3.2	2.6	296.4	319.2	8.6	95.2	0.6	294
3.8	24.7	1792.1	825.0	8.0	7.3	159.0	6.8	-2.4	6.3	297.0	318.1	7.8	95.7	0.8	307
4.5	27.3	2046.2	800.0	6.7	6.1	176.4	8.0	-0.5	8.0	298.3	318.5	7.4	95.8	1.1	317
5.9	30.0	2307.3	775.0	6.1	4.6	192.3	7.7	1.6	7.5	300.3	319.4	6.9	90.5	1.6	336
7.2	32.6	2576.0	750.0	4.7	2.9	200.4	7.6	2.7	7.2	301.6	319.2	6.3	88.2	2.1	346
8.5	35.1	2852.3	725.0	3.7	2.4	212.4	8.5	4.5	7.1	303.5	321.1	6.3	91.2	2.6	354
9.9	37.9	3137.4	700.0	2.5	0.2	223.9	8.5	5.9	6.1	305.3	321.1	5.6	84.4	3.2	4
11.5	40.7	3431.4	675.0	1.2	-2.9	236.2	7.9	6.5	4.4	307.0	320.3	4.6	73.9	3.8	13
12.9	43.4	3734.8	650.0	-0.1	-6.9	238.2	5.8	4.9	3.0	308.9	319.4	3.5	60.2	4.2	19
14.5	46.3	4048.0	625.0	-1.8	-16.0	230.0	2.9	2.2	1.9	310.4	315.9	1.8	32.8	4.5	22
16.1	49.1	4372.2	600.0	-3.0	-15.2	218.9	2.3	1.4	1.8	312.6	318.7	1.9	38.3	4.8	23
17.7	52.0	4708.2	575.0	-4.7	-19.4	212.7	1.7	0.9	1.4	314.5	319.1	1.4	30.4	4.9	23
19.4	55.0	5056.4	550.0	-7.2	-19.7	233.9	1.7	1.4	1.0	315.5	320.2	1.4	35.9	5.1	23
21.2	58.0	5417.3	525.0	-9.8	-22.4	284.1	3.7	3.6	-0.9	316.9	320.8	1.2	34.1	5.2	26
23.1	61.1	5792.1	500.0	-12.8	-22.7	282.4	4.2	4.1	-0.9	317.4	321.4	1.2	43.1	5.3	31
24.8	64.3	6181.9	475.0	-14.6	-37.9	286.5	2.8	2.7	-0.8	319.9	321.0	0.3	11.7	5.4	35
26.7	67.5	6589.3	450.0	-17.6	-40.1	286.5	2.4	2.3	-0.7	321.2	322.1	0.3	11.8	5.5	38
28.6	70.9	7014.2	425.0	-21.2	-42.2	286.3	3.1	3.0	-0.9	321.8	322.6	0.2	13.0	5.6	40
30.6	74.3	7458.5	400.0	-24.9	-42.0	294.6	4.6	4.2	-1.9	322.7	323.5	0.2	18.4	5.8	45
32.4	77.7	7924.3	375.0	-28.8	-46.6	294.2	6.2	5.7	-2.6	323.5	324.0	0.1	16.0	6.0	50
34.7	81.3	8413.9	350.0	-32.8	-51.2	298.7	7.3	6.4	-3.5	324.6	324.9	0.1	13.8	6.4	57
36.8	85.0	8930.9	325.0	-36.4	-54.5	296.2	8.3	7.4	-3.6	326.5	326.8	0.1	13.2	7.0	65
39.2	89.0	9479.5	300.0	-41.7	99.9	293.2	10.2	9.4	-4.0	326.6	999.9	99.9	999.9	7.8	72
41.7	93.0	10066.7	275.0	-44.0	99.9	285.9	17.0	16.4	-4.7	331.5	999.9	99.9	999.9	9.5	79
44.2	97.2	10699.3	250.0	-48.8	99.9	284.2	21.3	20.7	-5.2	333.6	999.9	99.9	999.9	12.2	85
46.6	101.6	11382.6	225.0	-54.7	99.9	282.6	21.4	20.9	-4.7	334.7	999.9	99.9	999.9	15.3	89
49.5	106.5	12125.4	200.0	-60.8	99.9	281.2	19.3	18.9	-3.8	336.6	999.9	99.9	999.9	18.8	91
52.6	111.6	12950.3	175.0	-63.0	99.9	285.0	16.4	15.8	-4.2	346.0	999.9	99.9	999.9	22.0	93
56.4	117.4	13902.8	150.0	-61.4	99.9	281.7	16.6	16.2	-3.4	364.4	999.9	99.9	999.9	25.6	95
60.8	123.7	15024.6	125.0	-64.4	99.9	285.4	15.7	15.1	-4.2	378.3	999.9	99.9	999.9	30.0	96
66.2	130.7	16383.2	100.0	-65.7	99.9	299.5	10.8	9.4	-5.3	400.8	999.9	99.9	999.9	34.2	98
73.8	139.3	18135.4	75.0	-64.8	99.9	298.1	6.6	5.8	-3.1	437.2	999.9	99.9	999.9	37.3	100
83.4	148.7	20617.4	50.0	-63.0	99.9	999.9	99.9	99.9	99.9	495.1	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 232
BOOTHVILLE, LOUISIANA

1 MAY 1982
1100 GMT

154 9 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	1.0	1018.5	19.9	17.0	110.0	4.1	-3.9	1.4	291.5	324.3	12.8	88.0	0.0	0.
0.6	7.4	159.6	1000.0	19.6	17.6	999.9	99.9	99.9	99.9	292.8	325.9	12.8	88.1	999.9	999
1.4	9.7	377.6	975.0	17.8	16.3	999.9	99.9	99.9	99.9	293.1	324.4	12.1	91.0	999.9	999
2.2	12.1	600.2	950.0	16.7	15.0	999.9	99.9	99.9	99.9	294.2	323.8	11.4	89.5	0.9	266
3.1	14.5	827.3	925.0	14.8	12.7	122.7	8.3	-7.0	4.5	294.5	320.9	10.0	87.1	1.2	277
3.9	16.8	1059.0	900.0	13.1	11.7	127.4	8.2	-6.5	5.0	295.0	320.6	9.7	91.2	1.7	284
4.8	19.3	1298.0	875.0	12.3	7.4	120.7	6.8	-5.2	4.5	296.6	316.6	7.4	71.9	2.0	289
5.7	21.7	1538.9	850.0	11.2	3.2	123.1	4.2	-3.4	2.4	297.8	313.6	5.7	58.5	2.3	291
6.6	24.2	1787.8	825.0	10.1	-1.6	102.5	3.7	-3.6	0.8	299.2	310.9	4.1	44.1	2.5	292.
7.5	26.7	2042.8	800.0	8.1	-0.3	81.9	4.1	-4.1	-0.6	299.8	313.0	4.7	55.4	2.7	290
8.4	29.2	2304.2	775.0	6.2	-0.4	66.0	5.1	-4.7	-2.1	300.5	314.1	4.8	62.7	2.9	287
9.3	31.7	2572.4	750.0	4.1	0.7	52.8	5.8	-4.6	-3.5	301.1	316.2	5.4	78.6	3.1	283
10.4	34.2	2846.2	725.0	3.0	-0.4	32.8	6.1	-3.3	-5.1	302.8	317.3	5.1	78.2	3.3	277.
11.2	36.8	3132.3	700.0	2.1	-2.3	35.1	5.4	-3.1	-4.4	304.8	318.2	4.7	72.9	3.4	272
12.4	39.4	3426.7	675.0	2.5	-10.4	32.3	3.0	-1.6	-2.5	308.5	316.2	2.6	37.9	3.6	268
13.4	42.1	3730.4	650.0	-0.1	-10.0	346.1	1.8	0.4	-1.8	308.9	317.2	2.8	47.0	3.6	266
14.5	44.9	4043.7	625.0	-1.1	-18.0	282.1	2.9	2.9	-0.6	311.2	315.8	1.5	26.3	3.5	265
15.7	47.7	4369.1	600.0	-1.9	-21.9	255.0	4.7	4.5	1.2	314.0	317.5	1.1	19.8	3.3	265
16.9	50.5	4706.0	575.0	-4.2	-23.9	258.4	6.2	6.1	1.2	315.1	318.3	1.0	19.6	2.8	267
18.2	53.4	5055.1	550.0	-6.3	-26.5	268.7	5.9	5.9	0.1	316.6	319.2	0.8	18.3	2.4	268
19.6	56.3	5417.0	525.0	-9.1	-27.7	263.2	6.3	6.3	0.8	317.5	320.0	0.7	20.3	1.9	268.
21.0	59.3	5792.4	500.0	-11.9	-28.9	249.4	7.2	6.8	2.5	318.5	320.9	0.7	22.7	1.3	272
22.4	62.4	6183.2	475.0	-14.3	-26.2	237.1	6.6	5.5	3.6	320.2	323.5	1.0	37.3	0.9	294
23.8	65.6	6591.8	450.0	-16.9	-25.4	248.4	6.2	5.8	2.3	322.0	325.6	1.1	47.9	0.7	331.
25.5	68.8	7018.3	425.0	-20.3	-30.9	266.6	7.4	7.4	0.4	323.0	325.3	0.7	38.0	0.8	22
27.1	72.1	7463.8	400.0	-24.2	-28.6	260.2	9.8	9.7	1.7	323.5	326.7	0.9	70.7	1.4	56
28.9	75.7	7933.0	375.0	-26.4	-41.7	247.7	10.3	9.5	3.9	326.7	327.7	0.3	22.0	2.4	62
30.4	79.3	8428.2	350.0	-29.8	-40.9	259.8	12.2	12.0	2.2	328.5	329.6	0.3	32.9	3.5	66
32.0	82.9	8953.1	325.0	-33.2	-43.7	263.6	14.2	14.2	1.6	330.9	331.8	0.2	33.5	4.7	71
33.9	86.9	9510.1	300.0	-38.0	-49.7	263.9	19.7	19.6	2.1	331.8	332.4	0.1	27.8	6.5	74
36.1	91.0	10103.0	275.0	-42.8	99.9	261.0	21.5	21.2	3.4	333.2	999.9	99.9	999.9	9.4	77
38.2	95.2	10737.7	250.0	-48.7	99.9	263.5	20.7	20.6	2.3	333.6	999.9	99.9	999.9	11.9	78
40.5	100.0	11420.3	225.0	-55.1	99.9	264.0	23.5	23.3	2.4	334.1	999.9	99.9	999.9	14.9	79
42.8	104.7	12162.2	200.0	-61.4	99.9	266.5	27.3	27.3	1.6	335.6	999.9	99.9	999.9	18.5	80
45.4	110.0	12978.3	175.0	-66.5	99.9	260.1	22.1	21.8	3.8	340.2	999.9	99.9	999.9	22.5	81
48.1	115.5	13900.5	150.0	-69.8	99.9	255.9	21.3	20.7	5.2	349.9	999.9	99.9	999.9	25.8	81
51.5	121.2	15000.9	125.0	-64.6	99.9	274.7	22.3	22.2	-1.8	378.0	999.9	99.9	999.9	30.7	81
55.9	128.2	16355.6	100.0	-65.5	99.9	278.2	15.7	15.5	-2.2	401.1	999.9	99.9	999.9	34.8	83
61.2	135.3	18100.8	75.0	-65.7	99.9	300.9	12.0	10.3	-6.1	415.1	999.9	99.9	999.9	39.3	86
68.8	143.5	20588.2	50.0	-61.7	99.9	321.7	3.3	2.1	-2.6	418.2	999.9	99.9	999.9	40.5	89
8.1	152.3	24998.7	25.0	-51.7	99.9	333.0	5.2	2.4	-4.6	635.4	999.9	99.9	999.9	41.3	91

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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 232
BOOTHVILLE, LOUISIANA

1 MAY 1982
1435 GMT

163 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	1.0	1020.5	22.8	19.6	90.0	5.2	-5.2	0.0	294.2	331.0	14.2	8[illegible].0	0.0	0
0.5	6.4	177.6	1000.0	20.4	18.5	999.9	99.9	99.9	99.9	293.6	328.6	13.6	88.7	999.9	999
1.2	8.7	396.5	975.0	19.2	17.4	999.9	99.9	99.9	99.9	294.5	328.3	13.0	89.[illegible]	999.9	999
2.0	11.2	619.9	950.0	16.9	14.5	999.9	99.9	99.9	99.9	294.4	323.2	11.0	85.8	999.9	999
2.7	13.6	847.3	925.0	15.5	12.1	999.9	99.9	99.9	99.9	295.2	320.7	9.7	80.0	999.9	999
3.5	16.1	1080.0	900.0	15.1	10.8	105.1	6.8	-6.6	1.8	297.1	321.3	9.1	75.2	[illegible].5	273
4.3	18.6	1318.4	875.0	13.6	7.2	108.3	5.7	-5.4	1.8	297.9	317.8	7.3	65.6	1.8	276
5.1	21.1	1562.1	850.0	12.0	1.8	95.4	4.4	-4.4	0.4	298.7	313.1	5.2	49.7	2.0	277
6.0	23.7	1811.7	825.0	10.7	0.6	87.2	5.0	-5.0	-0.2	299.9	313.5	4.8	49.5	2.2	276
6.9	26.2	2067.3	800.0	8.4	0.7	81.7	6.4	-6.3	-0.9	300.2	314.3	5.1	58.3	2.6	275
7.8	28.7	2328.7	775.0	6.0	1.1	71.4	5.8	-5.5	-1.9	300.3	315.3	5.4	70.8	2.9	273
8.6	31.3	2596.9	750.0	4.3	2.3	47.0	4.7	-3.5	-3.2	301.3	318.1	6.0	86.3	3.1	271
9.5	34.0	2872.4	725.0	2.6	0.9	24.7	5.3	-2.2	-4.8	302.3	318.1	5.6	88.4	3.3	267
10.5	36.7	3155.9	700.0	1.1	-3.6	25.2	6.5	-2.8	-5.9	303.8	315.9	4.2	71.4	3.4	261
11.5	39.4	3449.6	675.0	2.6	-18.6	45.7	3.8	-2.7	-2.7	308.6	313.4	1.5	22.7	3.6	257
12.5	42.2	3753.6	650.0	0.2	-12.0	151.8	1.4	-0.6	1.2	309.2	316.4	2.3	39.3	3.7	257
13.6	45.0	4066.4	625.0	-2.6	-13.5	219.7	2.4	1.6	1.9	309.5	316.1	2.2	42.6	3.7	258
14.7	47.9	4390.0	600.0	-3.0	-21.5	264.7	3.0	3.0	0.3	312.7	316.3	1.1	22.3	3.5	259
15.7	50.8	4726.1	575.0	-4.7	-24.3	288.0	4.0	3.8	-1.2	314.5	317.5	0.9	19.8	3.3	257
16.8	53.9	5074.7	550.0	-6.1	-26.5	283.0	3.6	3.5	-0.8	316.9	319.5	0.8	18.0	3.1	255
17.9	56.9	5437.2	525.0	-8.7	-25.7	264.8	4.4	4.4	0.4	318.0	321.0	0.9	23.6	2.8	253
19.2	60.0	5813.9	500.0	-10.8	-20.5	245.6	6.7	6.1	2.8	319.9	324.7	1.5	44.4	2.4	253
20.4	63.3	6206.0	475.0	-14.3	-20.8	234.0	8.7	7.0	5.1	320.3	325.3	1.6	58.6	1.9	258
21.8	66.5	6615.1	450.0	-16.3	-35.0	237.8	8.2	7.0	4.4	322.8	324.3	0.4	18.0	1.2	272
23.2	69.9	7042.4	425.0	-19.6	-33.7	244.5	8.7	7.8	3.7	323.8	325.6	0.5	27.2	0.7	301
24.7	73.3	7489.9	400.0	-22.7	-35.6	248.0	10.0	9.2	3.7	325.6	327.2	0.5	29.8	0.7	8
26.1	76.9	7960.5	375.0	-25.9	-32.8	260.2	11.9	11.7	2.0	327.3	329.6	0.6	52.1	1.4	46
27.5	80.6	8456.9	350.0	-29.3	-37.7	268.1	12.1	12.1	0.4	329.2	330.7	0.4	43.8	2.3	63
29.1	84.4	8981.7	325.0	-33.8	-40.5	264.0	14.9	14.8	1.6	330.2	331.4	0.3	50.5	3.4	71
30.7	88.4	9538.2	300.0	-38.2	-44.8	255.0	18.8	18.1	4.9	331.6	332.4	0.2	49.2	5.1	74
32.4	92.6	10131.6	275.0	-42.5	99.9	252.5	24.6	23.5	7.4	333.7	999.9	99.9	999.9	7.2	73
34.1	96.8	10768.2	250.0	-47.8	99.9	256.2	28.8	28.0	6.9	335.0	999.9	99.9	999.9	10.1	74
36.2	101.6	11453.9	225.0	-54.4	99.9	254.0	32.0	30.8	8.8	335.[illegible]	999.9	99.9	999.9	13.9	74
38.2	106.6	12196.6	200.[illegible]	-61.1	99.9	256.8	31.6	30.8	7.2	336.0	999.9	99.9	999.9	17.8	74
40.5	112.0	13014.9	175.0	-65.6	99.9	255.5	25.2	24.4	6.3	341.7	999.9	99.9	999.9	21.8	75
43.0	117.7	13952.8	150.0	-64.9	99.9	254.6	21.5	20.7	5.7	358.2	999.9	99.9	999.9	25.0	75
46.2	124.2	15066.8	125.0	-64.0	99.9	271.0	22.1	22.1	-0.4	379.2	999.9	99.9	999.9	29.4	76
49.5	132.0	16429.9	100.0	-67.0	99.9	285.2	16.0	15.4	-4.2	398.4	999.9	99.9	999.9	32.9	78
53.8	140.7	18183.0	75.0	-64.3	99.9	314.0	8.5	6.1	-5.9	438.2	999.9	99.9	999.9	35.7	82
59.6	151.0	20687.3	50.0	-59.5	99.9	308.0	2.6	2.0	-1.6	503.3	999.9	99.9	999.9	35.9	83
69.3	162.0	25114.7	25.0	-50.9	99.9	233.8	4.9	4.0	2.9	638.5	999.9	99.9	999.9	36.1	83

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA

1 MAY 1982
1700 GMT

152 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	1.0	1020.6	23.3	19.7	90.0	6.7	-6.7	0.0	294.7	331.7	14.3	80.0	0.0	0
0.7	6.2	178.6	1000.0	20.8	18.6	90.3	7.3	-7.3	0.0	294.0	329.3	13.7	87.1	0.4	255
1.5	8.5	397.8	975.0	19.1	17.6	96.8	7.9	-7.9	0.9	294.4	328.5	13.1	90.9	0.8	265
2.3	10.8	621.1	950.0	17.7	14.3	96.9	6.1	-6.1	0.7	295.1	323.7	10.9	80.7	1.1	269
3.2	13.2	849.4	925.0	16.6	11.7	89.2	5.6	-5.6	-0.1	296.3	321.4	9.4	72.6	1.4	270
4.0	15.6	1082.7	900.0	15.4	9.3	78.2	6.5	-6.4	-1.3	297.4	319.6	8.2	66.9	1.7	269
4.9	18.0	1321.3	875.0	14.0	7.2	67.7	5.4	-5.0	-2.1	298.3	318.3	7.3	63.7	2.0	266
5.8	20.4	1565.5	850.0	12.4	4.3	74.7	4.9	-4.7	-1.3	299.1	316.0	6.1	57.7	2.2	264
6.8	23.0	1815.1	825.0	10.6	1.3	78.2	5.8	-5.7	-1.2	299.8	314.1	5.1	52.6	2.6	264
7.7	25.5	2070.8	800.0	8.4	0.7	74.8	7.4	-7.2	-1.9	300.2	314.3	5.0	58.2	2.9	263
8.7	28.0	2332.4	775.0	6.5	0.7	65.6	6.8	-6.2	-2.8	300.8	315.4	5.2	66.2	3.4	261
9.6	30.6	2600.9	750.0	4.3	0.9	49.4	4.8	-3.5	-3.0	301.3	316.6	5.5	78.5	3.7	259
10.6	33.2	2876.3	725.0	2.4	-0.2	31.9	4.5	-2.4	-3.8	302.1	316.8	5.2	82.7	3.8	257
11.6	35.7	3159.9	700.0	2.6	-11.2	33.3	5.0	-2.8	-4.2	305.4	312.7	2.5	38.3	4.0	254
12.6	38.4	3454.3	675.0	2.4	-16.2	48.8	3.1	-2.3	-2.0	308.3	313.3	1.6	23.8	4.3	252
13.7	41.0	3757.9	650.0	0.4	-14.2	355.0	1.4	0.1	-1.4	309.4	315.4	2.0	32.4	4.4	251
14.8	43.8	4071.0	625.0	-2.3	-12.4	276.6	2.4	2.4	-0.3	309.9	317.1	2.4	45.8	4.3	250
15.9	46.6	4395.2	600.0	-2.6	-18.2	272.3	3.4	3.4	-0.1	313.1	317.9	1.5	29.1	4.1	249
17.2	49.4	4731.7	575.0	-4.3	-21.7	282.4	4.3	4.2	-0.9	314.9	318.7	1.2	24.3	3.9	247
18.5	52.3	5080.6	550.0	-6.3	-24.0	257.6	4.0	3.9	0.9	316.6	319.9	1.0	22.9	3.6	244
20.0	55.2	5443.0	525.0	-8.5	-16.2	246.5	4.5	4.2	1.8	318.2	324.7	2.1	53.8	3.2	244
21.4	58.3	5819.4	500.0	-11.6	-16.3	237.4	7.0	5.9	3.8	318.9	325.7	2.1	67.8	2.7	244
22.8	61.4	6210.7	475.0	-14.4	-20.9	227.8	8.5	6.3	5.7	320.1	325.2	1.6	59.3	2.1	249
24.3	64.6	6619.5	450.0	-16.2	-32.4	235.2	8.3	6.8	4.7	322.9	324.8	0.6	23.2	1.4	259
25.8	67.8	7046.9	425.0	-19.8	-32.2	244.3	9.6	8.7	4.2	323.7	325.8	0.6	31.9	0.7	281
27.5	71.1	7494.3	400.0	-22.7	-32.6	245.0	9.9	9.0	4.2	325.5	327.7	0.6	39.9	0.6	20
29.3	74.5	7965.8	375.0	-25.4	-31.3	240.9	10.9	9.6	5.3	328.0	330.6	0.7	57.6	1.6	50
31.1	78.0	8462.5	350.0	-29.3	-33.4	242.5	13.0	11.5	6.0	329.3	331.6	0.6	66.8	2.9	55
33.2	81.7	8988.2	325.0	-32.9	-38.2	249.4	14.3	13.4	5.0	331.4	333.0	0.4	58.3	4.5	59
35.0	85.7	9546.5	300.0	-36.9	-45.6	243.8	21.6	19.4	9.5	333.4	334.2	0.2	39.7	6.4	61
36.9	89.7	10142.0	275.0	-42.3	99.9	240.8	25.2	22.0	12.3	333.9	999.9	99.9	999.9	9.1	61
38.9	94.0	10777.8	250.0	-47.8	99.9	240.3	28.7	24.9	14.2	335.0	999.9	99.9	999.9	12.4	61
41.4	98.5	11464.1	225.0	-53.9	99.9	239.6	29.3	25.3	14.9	335.9	999.9	99.9	999.9	17.0	61
44.1	103.2	12207.6	200.0	-61.0	99.9	246.4	29.6	27.2	11.8	336.2	999.9	99.9	999.9	21.6	61
46.8	108.6	13025.7	175.0	-65.3	99.9	251.3	22.3	21.1	7.2	342.1	999.9	99.9	999.9	25.8	63
49.9	114.2	13968.3	150.0	-64.0	99.9	245.2	24.7	22.4	10.4	359.9	999.9	99.9	999.9	29.9	63
53.2	120.0	15086.5	125.0	-63.2	99.9	268.3	24.1	24.1	0.7	380.6	999.9	99.9	999.9	34.9	64
57.5	126.7	16451.9	100.0	-64.6	99.9	279.7	17.0	16.8	-2.9	403.0	999.9	99.9	999.9	39.4	68
62.6	134.0	18214.3	75.0	-65.0	99.9	287.5	9.1	8.7	-2.7	436.7	999.9	99.9	999.9	42.5	73
69.8	142.3	20709.8	50.0	-60.0	99.9	289.7	3.9	3.7	-1.3	502.3	999.9	99.9	999.9	43.5	73
81.1	151.0	25128.3	25.0	-50.5	99.9	244.6	1.8	1.6	0.8	639.4	999.9	99.9	999.9	43.8	75

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 232
BOOTHVILLE, LOUISIANA

1 MAY 1982
2015 GMT

160 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 1	1.0	1018 9	23 4	17.6	130 0	6 7	-5 1	4.3	295 0	327 7	12 6	70 0	0 0	0
0 4	6 8	164.2	1000 0	21 1	18 4	96 6	9 3	-9 2	1 1	294 3	329 2	13 5	84 4	0 2	278
1 1	9.1	383.4	975.0	19 0	17.9	89 5	8 8	-8 8	-0 1	294 3	329 0	13 4	93 6	0 6	275
1 9	11.4	607.0	950.0	17.9	16 6	62 4	7 0	-6 9	-0 9	295 3	328 3	12 6	92 0	0 9	272
2 7	13.8	835.5	925 0	16 5	14.2	70 7	5 9	-5 6	-1 9	296 2	325 4	11 1	85 9	1 3	268
3 6	16.2	1068.8	900 0	15 2	11 0	62 0	5 8	-5.2	-2 7	297 2	321 8	9 2	75 8	1 5	263
4 4	18.6	1307.4	875 0	13 6	7.0	55 8	5.6	-4.6	-3 1	298 0	317 5	7 2	63 9	1 8	260
5 3	21.1	1551.3	850 0	12 4	5.6	49 1	5 9	-4.5	-3 9	299 1	317 6	6 8	63 3	2 1	256
6 2	23.6	1801.3	825 0	10 8	2 2	50 0	6 0	-4 6	-3 9	300 0	315 3	5 5	55 3	2 4	252
7 2	26.1	2057 2	800.0	9 1	1 6	33 8	6 1	-3 4	-5 1	300 8	315 8	5 4	59 3	2 7	249
8 3	28.6	2319.8	775.0	7 3	1 7	11 9	5 9	-1 2	-5.8	301 7	317 4	5 6	67 7	3 0	243
9 4	31.2	2589.0	750 0	5 1	1 8	15 3	5 1	-1 4	-4 9	302 1	318 4	5 8	78 9	3 2	238
10 5	33.8	2865.6	725 0	4 4	-6 2	38 3	2 4	-1 5	-1 9	304 3	313 9	3 3	46 1	3 4	235
11 6	36.6	3150 2	700 0	2 0	-10.9	324 4	1.3	0 7	-1 0	304 7	311 9	2 4	38 3	3 5	235
12.7	39 3	3444.3	675.0	2.9	-12 1	267 9	2 8	2 8	0 1	308 9	315 8	2 2	32 1	3 4	234
13 9	42 1	3748 7	650.0	0.7	-12 6	264.8	2.4	2 3	0 2	309 8	316 6	2 2	36 2	3 2	232
15 1	45.0	4062.1	625.0	-2.4	-9.9	269 5	2.1	2.1	0 0	309 8	318 4	2 9	56 1	3 1	230
16 2	47.8	4385.9	600.0	-3 0	-16 6	258.7	2.3	2.2	0 4	312 7	318 1	1 7	34 1	3 0	229
17.5	50.8	4722 5	575 0	-3 7	-23 0	254 1	3 8	3 6	1 0	315 7	319 1	1 0	20 7	2 8	227
18 8	53 8	5072.6	550.0	-5 4	-17.0	244.6	6 5	5 9	2 8	317 7	323 6	1 8	39 5	2 4	223
20 2	56.9	5435.7	525.0	-8 4	-19.1	240 2	9 7	8 4	4 8	318 3	323 5	1 6	41 4	1 8	216
21.6	60.0	5812.1	500 0	-11.3	-23.4	239 4	12 0	10 4	6 1	319 3	323 1	1 2	35 9	1 0	193
23.0	63 3	6203.6	475.0	-14.4	-27.1	234 4	13 3	10 8	7 7	320 1	323 0	0 9	33 1	0 8	121
24 4	66.6	6611.5	450 0	-16 4	-18 9	243.7	14.9	13 4	6.6	322 7	328 9	1 9	81 0	1 7	81
25.9	70.0	7039.7	425 0	-18 9	-21 2	245.6	15 7	14.3	6 5	324 8	330 2	1 7	82 1	3 0	75
27 3	73.6	7488.3	400.0	-22 8	-25 2	243.0	16.4	14 7	7 5	325 4	329 5	1 2	80 9	4 4	71
28 9	77.2	7958.3	375.0	-25 7	-40 8	240.0	17 1	14 8	8 5	327 6	328 7	0 3	22 5	5 9	69
30 8	81.2	8454.6	350 0	-29 8	-44.5	245 9	17 3	15 8	7 0	328 6	329 4	0 2	22 0	7 9	67
32 6	85.2	8977.8	325.0	-34 4	-47.9	253 9	20 4	19 6	5 7	329 2	329.8	0 1	23 8	9 8	68
34 3	89.2	9532.2	300 0	-38 8	-51 4	246.6	27 6	25 4	11.0	330 6	331 1	0.1	24 8	12 3	69
36 3	93.6	10125 0	275.0	-42 7	99.9	234 6	31 9	26.0	18 5	333 4	999 9	99 9	999 9	15 8	67
38 3	98 2	10762.4	250 0	-47 5	99 9	229 1	31 8	24 0	20 8	335 5	999 9	99 9	999 9	19 6	64
40 7	103.0	11448 9	225.0	-53 8	99.9	230 3	30 0	23 1	19 1	336 1	999 9	99 9	999 9	23 9	61
43 2	108.2	12194.1	200 0	-60 5	99 9	235 5	31 6	26.1	17 9	336 9	999 9	99.9	999.9	28 5	60
45 6	113 7	13011.2	175 0	-66 1	99.9	249 8	28 3	26 6	9 8	340 8	999 9	99 9	999 9	32 8	60
48.6	119 7	13957.2	150.0	-61 0	99.9	251 8	22 3	21 2	6 9	365 0	999 9	99.9	999 9	37 2	62
52 4	126.3	15078.8	125 0	-65 0	99 9	264 5	22 2	22 1	2 1	377 3	999 9	99 9	999 9	42 2	63
57 6	133.7	16442.6	100.0	-64 8	99 9	272 8	15 3	15 3	-0 8	402 9	999 9	99 9	999 9	47 4	66
63 1	141.3	18199.8	75 0	-65 5	99 9	276 1	8.7	8.6	-0 9	435 5	999 9	99 9	999 9	50 8	69
71 0	150.0	20691.0	50 0	-59 0	99 9	305 6	4 8	3 9	-2 8	504 5	999 9	99 9	999 9	52 8	70
83.0	158.3	25116.5	25 0	-51.7	99 9	258 1	7.6	7.5	1 6	636 4	999 9	99 9	999 9	53 5	71

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA

1 MAY 1982
2300 GMT

147 25 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	1.0	1018.3	22.7	17.2	120.0	5.2	-4.5	2.6	294.3	326.1	12.2	71.0	0.0	0.
0.5	6.3	159.0	1000.0	21.5	17.7	999.9	99.9	99.9	99.9	294.6	328.2	12.9	79.3	999.9	999
1.2	8.5	378.5	975.0	19.3	17.4	999.9	99.9	99.9	99.9	294.6	328.4	13.0	88.9	999.9	999
2.0	10.9	602.1	950.0	18.2	13.6	999.9	99.9	99.9	99.9	295.7	323.2	10.4	74.6	0.7	276
2.9	13.3	830.4	925.0	16.4	11.3	74.3	6.0	-5.8	-1.6	296.1	320.4	9.1	71.7	1.0	269
3.7	15.6	1063.5	900.0	15.0	9.3	74.7	5.8	-5.6	-1.5	296.9	319.0	8.2	69.[illegible]	1.3	266
4.7	18.0	1301.6	875.0	13.3	8.3	69.1	5.4	-5.0	-1.9	297.7	318.9	7.9	71.4	1.6	263
5.6	20.4	1545.5	850.0	11.9	5.8	62.3	5.4	-4.8	-2.5	298.6	317.3	6.8	66.4	1.9	261.
6.6	22.9	1794.8	825.0	10.2	2.0	51.8	5.1	-4.0	-3.1	299.4	314.3	5.4	56.8	2.2	258
7.6	25.4	2050.2	800.0	8.2	1.7	25.1	5.1	-2.2	-4.6	299.9	315.0	5.4	63.5	2.4	253
8.6	27.9	2311.7	775.0	6.1	1.8	18.6	6.4	-2.0	-6.0	300.4	316.1	5.7	74.0	2.6	247
9.5	30.4	2579.8	750.0	4.0	1.5	20.9	6.5	-2.3	-6.1	300.9	316.9	5.7	84.0	2.9	242
10.5	33.0	2855.0	725.0	2.4	-2.2	18.5	5.7	-1.8	-5.4	302.1	314.9	4.5	71.2	3.2	237.
11.6	35.6	3139.4	700.0	3.8	-15.5	350.9	4.7	0.7	-4.7	306.7	311.7	1.6	23.0	3.4	233
12.8	38.2	3434.1	675.0	2.1	-8.1	334.3	5.0	2.2	-4.5	308.0	317.2	3.1	46.6	3.5	227
14.1	40.9	3737.9	650.0	0.2	-7.3	347.0	3.9	0.9	-3.8	309.2	319.3	3.4	56.9	3.7	222
15.2	43.6	4051.5	625.0	-1.3	-12.8	296.7	2.0	1.8	-0.9	311.0	318.0	2.3	41.2	3.8	220
16.5	46.4	4376.8	600.0	-1.8	-21.0	219.4	3.4	2.1	2.6	314.0	317.8	1.2	21.4	3.6	219
17.8	49.1	4713.8	575.0	-3.9	-23.3	222.3	4.7	3.1	3.4	315.4	318.8	1.0	20.8	3.3	219
19.1	52.0	5063.0	550.0	-6.5	-15.8	230.9	6.6	5.1	4.2	316.4	322.8	2.0	47.4	2.9	218
20.4	55.0	5424.6	525.0	-9.7	-18.1	239.3	9.6	8.2	4.9	316.7	322.3	1.7	50.1	2.3	214.
21.8	58.0	5799.4	500.0	-12.6	-21.5	239.6	12.7	10.9	6.4	317.7	322.2	1.4	47.1	1.5	197
23.2	61.0	6189.0	475.0	-15.1	-17.3	250.8	12.5	11.8	4.1	319.3	325.9	2.1	83.3	1.1	152
24.6	64.1	6596.1	450.0	-18.0	-19.4	259.1	13.1	12.9	2.5	320.6	326.5	1.8	88.8	1.7	114.
26.1	67.4	7020.8	425.0	-21.3	-26.8	262.2	13.2	13.1	1.6	321.7	325.4	1.1	67.0	2.8	101
27.7	70.8	7466.8	400.0	-23.2	-33.9	265.3	11.6	11.5	1.0	324.8	326.7	0.5	36.7	4.0	95
29.5	74.3	7935.3	375.0	-27.6	-37.7	268.7	11.6	11.6	0.3	325.1	326.5	0.4	37.2	5.2	94
31.3	77.9	8427.0	350.0	-32.3	-41.6	265.4	13.1	13.0	1.1	325.2	326.3	0.3	38.5	6.5	92
33.2	81.4	8945.0	325.0	-38.8	-45.2	257.4	16.9	16.5	3.7	326.0	326.7	0.2	41.0	8.1	90
35.1	85.3	9495.4	300.0	-39.9	99.9	246.0	22.8	20.8	9.3	329.1	999.9	99.9	999.9	10.2	86
37.2	89.3	10084.2	275.0	-44.5	99.9	244.2	26.0	23.4	11.3	330.8	999.9	99.9	999.9	13.2	81
39.5	93.6	10715.7	250.0	-49.6	99.9	239.6	25.7	22.2	13.0	332.3	999.9	99.9	999.9	16.6	77
41.8	98.0	11397.2	225.0	-54.6	99.9	236.8	25.2	21.1	13.8	334.8	999.9	99.9	999.9	20.0	74
44.6	102.8	12141.4	200.0	-59.9	99.9	238.4	27.1	23.1	14.2	337.9	999.9	99.9	999.9	24.2	71
47.4	108.0	12968.6	175.0	-63.5	99.9	249.4	28.7	26.9	10.1	345.2	999.9	99.9	999.9	28.8	69
50.7	113.5	13918.6	150.0	-61.8	99.9	263.5	23.2	23.0	2.6	363.6	999.9	99.9	999.9	34.1	71
54.5	119.5	15047.2	125.0	-63.2	99.9	264.0	21.1	21.0	2.2	380.6	999.9	99.9	999.9	38.8	72
59.2	126.2	16412.0	100.0	-64.5	99.9	277.2	16.8	16.7	-2.1	403.1	999.9	99.9	999.9	44.0	74
65.0	133.3	18186.3	75.0	-65.8	99.9	277.3	10.8	10.7	-1.4	434.9	999.9	99.9	999.9	48.2	77
72.8	141.3	20855.0	50.0	-61.4	99.9	359.7	6.8	0.0	-6.8	498.8	999.9	99.9	999.9	50.4	79
85.3	150.0	25071.8	25.0	-50.4	99.9	999.9	99.9	99.9	99.9	639.8	999.9	99.9	999.9	999.9	999

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

STATION NO 232
BOOTHVILLE, LOUISIANA

2 MAY 1982
234 GMT

163 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	1.0	1018.1	20.9	19.4	100.0	3.2	-3.2	0.6	292.6	328.7	14.1	91.0	0.0	0
0.6	6.6	156.8	1000.0	20.5	19.1	102.1	2.4	-2.4	0.5	293.6	329.9	14.1	91.9	0.3	264
1.4	8.9	375.7	975.0	19.1	14.8	88.6	4.6	-4.6	-0.1	294.4	323.0	11.0	76.2	0.4	269
2.2	11.2	599.0	950.0	17.7	12.7	76.2	5.0	-4.9	-1.2	295.1	320.9	9.8	72.6	0.7	266
3.0	13.5	826.9	925.0	16.1	10.9	74.6	4.6	-4.4	-1.2	295.8	319.5	8.9	71.1	0.9	262
3.9	15.9	1059.5	900.0	14.6	8.7	77.4	4.4	-4.3	-0.9	296.6	317.8	7.9	67.5	1.1	261
4.7	18.2	1297.4	875.0	12.8	7.2	86.6	4.3	-4.0	-1.7	297.1	316.9	7.3	68.5	1.3	260
5.5	20.7	1540.4	850.0	10.8	5.3	57.5	4.7	-3.9	-2.5	297.4	315.4	6.6	69.0	1.6	257
6.5	23.2	1788.8	825.0	9.0	3.3	57.8	5.0	-4.2	-2.7	298.1	314.3	5.9	67.1	1.8	254
7.4	25.7	2043.3	800.0	7.6	0.7	49.3	6.3	-4.8	-4.1	299.2	313.3	5.0	61.7	2.1	252
8.3	28.2	2304.5	775.0	6.4	0.3	36.1	7.4	-4.3	-5.9	300.7	315.0	5.1	65.6	2.5	247
9.3	30.7	2573.2	750.0	5.1	1.7	30.3	6.9	-3.5	-5.9	302.2	318.3	5.8	78.3	2.8	242
10.3	33.3	2849.9	725.0	3.7	-1.2	27.9	5.9	-2.8	-5.2	303.5	317.3	4.9	70.3	3.1	238
11.3	35.9	3134.1	700.0	1.9	-3.4	23.5	5.1	-2.0	-4.6	304.6	316.8	4.3	68.1	3.4	235
12.2	38.5	3427.7	675.0	1.6	-13.8	30.2	3.0	-1.5	-2.6	307.5	313.5	2.0	30.8	3.8	233
13.2	41.2	3730.5	650.0	-0.9	-11.3	125.9	0.7	-0.6	0.4	307.9	315.4	2.5	45.0	3.7	233
14.3	43.9	4042.7	625.0	-2.4	-10.1	287.9	0.6	0.5	-0.2	309.7	318.2	2.8	55.4	3.7	233
15.3	46.7	4365.5	600.0	-5.2	-11.1	305.9	1.6	1.3	-1.0	310.2	318.4	2.7	62.8	3.7	232
16.6	49.4	4699.3	575.0	-6.1	-11.4	271.8	4.1	4.1	-0.1	312.9	321.4	2.8	65.9	3.6	229
17.7	52.3	5046.4	550.0	-8.2	-10.0	267.2	7.8	7.7	0.4	314.4	324.3	3.3	86.6	3.3	225
19.0	55.3	5406.5	525.0	-10.6	-11.6	272.0	9.8	9.8	-0.4	315.6	324.9	3.0	93.0	2.8	215
20.3	58.3	5780.4	500.0	-13.1	-15.4	259.0	9.8	9.6	1.9	317.1	324.3	2.3	82.6	2.4	200
21.6	61.3	6169.4	475.0	-15.6	-20.6	251.7	10.0	9.5	3.1	318.4	323.4	1.5	65.6	2.0	182
23.0	64.5	6575.6	450.0	-18.3	-26.8	256.5	10.0	9.7	2.3	320.3	322.9	0.8	38.9	1.9	159
24.4	67.9	6999.0	425.0	-22.2	-27.3	252.6	11.9	11.3	3.6	320.6	323.7	0.9	62.7	2.3	136
25.9	71.1	7442.6	400.0	-25.0	-37.9	239.2	13.1	11.2	6.7	322.5	323.8	0.4	29.0	2.8	114
27.4	74.7	7906.2	375.0	-29.1	-34.2	233.5	14.0	11.2	8.3	323.1	325.1	0.6	61.0	3.6	97
29.0	78.3	8397.1	350.0	-33.6	-36.1	236.2	14.0	11.7	7.8	323.5	325.2	0.5	78.0	4.7	85
30.9	82.0	8912.1	325.0	-38.0	-43.6	244.0	13.8	12.4	6.1	324.3	325.2	0.2	55.3	6.2	79
32.7	86.0	9458.8	300.0	-42.0	99.9	254.9	12.1	11.6	3.1	326.2	999.9	99.9	999.9	7.5	77
34.5	90.0	10042.3	275.0	-46.3	99.9	249.3	14.9	14.0	5.3	328.2	999.9	99.9	999.9	8.9	77
36.6	94.4	10669.2	250.0	-50.8	99.9	252.2	23.7	22.5	7.2	330.6	999.9	99.9	999.9	11.2	76
38.9	99.0	11352.5	225.0	-53.0	99.9	246.1	31.6	28.9	12.8	337.2	999.9	99.9	999.9	15.2	74
41.2	104.0	12104.1	200.0	-58.1	99.9	248.5	32.4	30.1	11.9	340.8	999.9	99.9	999.9	19.7	72
43.9	109.2	12937.3	175.0	-60.8	99.9	262.8	28.9	28.7	3.6	349.6	999.9	99.9	999.9	24.7	72
46.9	115.0	13895.8	150.0	-61.1	99.9	273.6	24.7	24.7	-1.6	364.8	999.9	99.9	999.9	29.4	75
50.9	121.7	15027.2	125.0	-60.9	99.9	272.8	19.7	19.7	-1.0	384.7	999.9	99.9	999.9	34.4	78
55.5	129.0	16396.3	100.0	65.2	99.9	278.8	16.4	16.2	-2.5	401.8	999.9	99.9	999.9	38.9	80
60.8	138.0	18146.8	75.0	-66.8	99.9	287.3	11.0	10.5	-3.3	432.8	999.9	99.9	999.9	43.4	82
68.0	148.5	20635.8	50.0	-60.5	99.9	313.9	4.9	3.5	-3.4	501.0	999.9	99.9	999.9	44.5	84
79.3	180.0	25030.3	25.0	-53.0	99.9	272.3	5.9	5.9	-0.2	632.2	999.9	99.9	999.9	44.4	84

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 232
BOOTHVILLE, LOUISIANA

2 MAY 1982
520 GMT

150 29 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 7	1.0	1019.3	20 7	19 0	80.0	3 1	-3.1	-0 5	292 3	327 5	13 7	90 0	0 0	0
0 6	7 5	187.0	1000.0	20.5	18 7	999 9	99 9	99 9	99 9	293 6	329 0	13 7	89 4	999 9	999
1 5	9 8	385.9	975.0	19 2	14 8	999.9	99.9	99.9	99 9	294 5	323 2	11 0	75 8	999 9	999
2 3	11 9	609 2	950.0	17 8	12 6	999.9	99 9	99 9	99 9	295 3	320 9	9 7	71 6	999 9	999
3 2	14 3	837.3	925.0	16 3	10 6	67 5	5 7	-5 2	-2 2	296 0	319 2	8 7	68 6	1 0	251
4 0	16.5	1070.2	900.0	14 9	8 4	76 3	5 5	-5 4	-1 3	296 8	317 6	7 7	65 0	1 3	251
4 9	18 9	1308.2	875.0	13 2	6 6	80 4	5 5	-5.5	-0 9	297 5	316 7	7 0	64 3	1 6	253
5 7	21 3	1551 7	850.0	11 6	3 9	73 9	5 8	-5 6	-1 6	298 3	314 7	6 0	58 8	1 9	254
6 6	23 7	1800 8	825.0	9 8	3 8	72.7	5 6	-5 4	-1 7	298 9	315 8	6 1	66 5	2 2	253
7 6	26 2	2055 9	800.0	8 1	1 6	61 6	5.4	-4 8	-2 6	299 7	314 8	5 4	63 7	2 5	253
8 4	28 6	2317 5	775 0	6 5	0 4	51 7	6 9	-5 4	-4 3	300 8	315 2	5 2	65 9	2 8	251
9 3	31 1	2586 4	750.0	5 8	2 0	29 7	6 7	-3 3	-5 6	302 9	319 5	5 9	76 4	3 2	248
10 3	33 6	2863.4	725.0	3 8	-1 3	0 4	6 6	-0 0	-6 6	303 7	317 4	4 8	69 4	3 4	243
11 3	36 2	3148.4	700.0	2 9	-0 7	348 4	5 8	1 4	-5 6	305 8	320 7	5 2	77 0	3 5	237
12 4	38 8	3442.6	675.0	1 4	-6 0	327.4	4 1	2 2	-3 5	307 2	317 9	3 6	57 5	3 6	232
13 4	41 4	3745 9	650.0	-0 6	-7 7	298.6	3 4	3 0	-1 6	308 3	318 1	3 3	58 4	3 6	229
14 5	44 1	4057.9	625.0	-3 4	-5 9	270 3	4 9	4 9	-0 0	308 6	320 2	3 9	62 9	3 4	226
15 7	46 9	4380.1	600 0	-5 2	-5 9	279 7	6 2	6 1	-1 0	310 1	322 2	4 1	95 3	3 2	220
17 0	49 8	4714.0	575.0	-7 0	-8 6	289.5	7 3	6 9	-2 4	311 8	322 3	3 5	88 6	3 0	211
18 2	52 6	5059 9	550.0	-9 0	-12 7	281 3	7 7	7 6	-1 5	313 4	321 4	2 6	74 7	2 9	200
19 5	55 5	5418 7	525.0	-11 2	-15 9	283 3	8 2	8 0	-1 9	314 9	321 5	2 1	68 1	2 9	188
20 9	58.5	5792.1	500.0	-13 3	-18 5	292 1	8 8	8 1	-3 3	316 8	322 5	1 8	65 2	3 1	176
22 3	61.5	6181 0	475.0	-15.7	-28 0	284.8	9 7	9 4	-2 5	318 5	321 2	0 8	33 9	3 5	164
23 5	64 6	6586.2	450.0	-18 9	-25 3	288 5	9 8	9 8	0 2	319 5	323 0	1 1	57 1	3 8	153
24 9	67 9	7008.8	425.0	-22 7	-33 4	259 5	8 8	8 7	1 8	319 9	321 8	0 5	36 7	4 1	143
26 4	71 1	7450.2	400.0	-26 8	-41 9	272 5	7 1	7 1	-0 3	320 5	321 3	0 2	21 8	4 5	135
27 9	74 7	7913.1	375 0	-30 3	-48 1	273 3	6 6	6 6	-0 4	321 5	322 0	0 1	15.6	5 0	131
29 6	78 3	8400 1	350.0	-34 2	-51 6	257 5	7 6	7 4	1 8	322 6	323 0	0 1	15 2	5 5	126
31 5	82 0	8914.8	325.0	-38.2	-46 4	258 8	11 4	11 2	2 2	324 1	324 7	0 2	41 2	6 2	119
33 3	85 8	9460.0	300 0	-43.3	99 9	265 7	13 3	13 3	1 0	324 4	999 9	99 9	999 9	7 4	112
35 3	89 8	10039 5	275 0	-47 9	99 9	262 5	18 8	18 6	2 5	325 9	999 9	99 9	999 9	9 0	107
37 5	94 2	10664.5	250.0	-50 0	99 9	268 2	25 9	25 9	0 8	331 7	999 9	99 9	999 9	11 8	101
39 7	98 6	11347 6	225.0	-54 3	99 9	272 9	31 7	31 7	-1 6	335 3	999 9	99 9	999 9	15 7	99
42 3	103 5	12094 3	200 0	-58 2	99 9	274 9	30 6	30 7	-2 6	340 6	993 9	99 9	999 9	20 6	98
45 1	108 8	12932 0	175 0	-59 3	99 9	279 1	25 8	25 5	-4 1	352 0	999 9	99 9	999 9	25 5	98
48 3	114 5	13894 2	150.0	-61 1	99 9	279 8	23 8	23 4	-4 1	364 9	999 9	99 9	999 9	30 0	98
51 8	120 7	15018 2	125.0	-63 3	99 9	275 6	22 5	22 4	2 2	380 4	999 9	99 9	999 9	35 2	98
56 2	128 0	16379 6	100.0	-64 9	99 9	278 4	17 4	17 2	-2 5	402 3	999 9	99 9	999 9	40 1	98
61 5	136 3	18125.8	75.0	-67 1	99 9	285 4	13 2	12 8	-3 5	432 4	999 9	99 9	999 9	45 2	98
68 8	145 7	20813 3	50 0	-61 6	99 9	144 0	2 9	-1 7	2 3	498 0	999 9	99 9	999 9	47 5	98
99 9	99 9	99.9	25.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS
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STATION NO 232
BOOTHVILLE, LOUISIANA

2 MAY 1982
1100 GMT

163 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 8	1 0	1018 5	19 0	17 7	110 0	3 1	-2 9	1 1	290 6	322 9	12 6	92 0	0 0	0
0 5	7 5	158 6	1000 0	19 7	18 4	999 9	99 9	99 9	99 9	292 9	327 6	13 5	92 1	999 9	999
1 3	9.8	377 9	975.0	18 5	14 3	999 9	99 9	99 9	99 9	293 8	321 5	10 6	76 4	999 9	999
2 1	12 3	600 7	950 0	17 4	11 3	78 7	5 0	-4 9	-1 0	294 8	318 4	8 9	67 5	0 7	255
3 0	14 7	828 3	925.0	16 0	9 3	82 3	4 7	-4 7	-0 6	295 7	317 0	8 0	64 2	0 9	256
3 7	17.1	1080 9	900 0	14 7	8 0	81 0	4 2	-4 1	-0 7	296 [illegible]	317 0	7 5	64 1	1 2	258
4.6	19.7	1298 6	875 0	13 2	6 2	77 0	3 6	-3 5	-0 8	297 5	316 1	6 8	62 7	1 4	258
5.5	22 2	1542 2	850.0	11 8	4 3	80 0	3 2	-3 1	-0 5	298 5	315 4	6 2	60 3	1 5	257
6 4	24 8	1791 5	825 0	10 1	2 8	73 3	3 8	-3 5	-1 0	299 3	315 1	5 7	60 6	1 7	258
7.3	27.3	2047 0	800 0	8 5	1 2	62 7	4 2	-3 8	-1 9	300 2	314 8	5 2	60 2	1 9	257
8.2	30.0	2308 9	775 0	6 9	1 7	58 0	5 2	-4 4	-2 8	301 3	316 9	5 6	69 0	2 2	255
9 1	32 7	2577 9	750 0	5 4	-2 0	49 2	6 3	-4 8	-4 1	302 5	315 0	4 4	58 7	2 4	252
10 1	35 4	2854 4	725 0	3 2	1 5	34 5	6 9	-3 9	-5 7	303 0	319 6	5 9	88 7	2 8	248
11.0	38.1	3138 5	700 0	1 6	1 1	21 5	6 5	-2 4	-6 0	304 2	321 0	5 9	96 6	3 1	243
12 1	41 1	3430 8	675 0	-0 8	-1.3	9 9	4 5	-0 8	-4 4	304 8	319 5	5 2	96 2	3 4	239
13 2	44.1	3732 3	650 0	-1 8	-4 2	337 3	3 6	1 4	-3 4	307 0	319 5	4 3	83 4	3 5	235
14.4	47.1	4043 7	625 0	-3 8	-5 0	327 8	4 8	2 6	-4 0	308 2	320 6	4 2	91 4	3 5	231
15.5	50 1	4366 1	600 0	-4 4	-6 5	325 0	5 6	3 2	-4 6	311 0	322 7	3 9	85 5	3 6	225
16 7	53 3	4700.4	575 0	-6 7	-10 1	302 7	6 7	5 7	-3 6	312 2	321 5	3 1	76 3	3 6	219
17 8	56.4	5046 8	550 0	-7 9	-13 8	285 9	9 9	9 5	-2 7	314 7	322 2	2 4	62 6	3 5	210
19 1	59 6	5407.1	525.0	-10 3	-18 5	292 2	9 9	9 1	-3 7	316 1	322 4	2 0	60 2	3 4	197
20.4	63 0	5781 3	500 0	-12 7	-20 8	302 3	8 9	7 5	-4 8	317 8	322 3	1 4	50 4	3 6	185
21.8	66 4	6172.1	475.0	-14 4	-28 8	308 4	8 9	7 0	-5 5	320 2	322 7	0 7	28 1	4 0	177
23 1	69 9	6579 8	450 0	-17 3	-32 4	303 1	9 7	8 1	-5 3	321 5	323 5	0 6	25 3	4 5	169
24.7	73.4	7005 7	425 0	-20 8	-38 0	294 7	11 4	10 3	-4 8	322 [illegible]	323 7	0 4	24 1	5 2	161
26 3	77.2	7450 4	400 0	-24 7	-39 9	292 5	11 1	10 2	-4 2	322 9	324 0	0 3	22 6	6 0	153
27 8	81 0	7916 4	375 0	-28 7	-43 6	295 9	12 2	10 9	-5 3	323 6	324 3	0 2	22 1	6 9	147
29 5	84 7	8407 1	350 0	-32 3	-47.2	299 2	14 5	12 7	-7 1	325 2	325 8	0 1	20 8	8 0	143
31 5	88.6	8925 4	325 0	-36 6	-50 9	295 6	16 9	15 3	-7 3	326 2	326 6	0 1	20 9	9 7	138
33 5	92 9	9474 6	300 0	-40 8	[illegible] 9	293 8	18 5	17 0	-7 5	327 9	999 9	99 9	999 9	11 8	134
35 9	97 4	10060.7	275 0	-45 7	99 9	288 8	19 7	18 7	-6 4	329 0	999 9	99 9	999 9	14 3	130
38.1	102.0	10688 7	250 0	-50 3	99 9	287 8	23 0	21 9	-7 1	331 2	999 9	99 9	999 9	16 9	126
40 6	106.8	11370 8	225 0	-54 5	99 9	291 1	26 6	24 8	-9 6	335 0	999 9	99 9	999 9	20 2	123
43.0	111.8	12117 4	200 0	-58 9	99 9	294 8	30 2	27 4	-12 7	339 5	999 9	99 9	999 9	24 6	121
45 1	117 4	12951 3	175 0	-60 7	99.9	290 3	25 8	24 0	-8 9	349 7	999 9	99 9	999 9	29 7	121
49 3	123.2	13910 4	150 0	-61 2	99.9	280 4	27 5	27 0	-5 0	364 6	999 9	99 9	999 9	34 7	118
53.4	129.7	15035 4	125 0	-64 1	99 9	278 2	24 7	24 5	-2 7	378 9	999 9	99 9	999 9	40 9	115
58.0	136.7	16306 4	100 0	-65 9	99 9	277 5	19 1	18 9	-2 5	400 4	999 9	99 9	999 9	47 0	112
63.8	144 3	18155.7	75 0	-65 9	99 9	285 5	13 5	13 0	-3 6	434 8	999 9	99 9	999 9	52 2	111
71 1	152 7	20659.5	50 0	-60 1	99.9	339 3	3 1	1 1	-2 9	501 9	999 9	99 9	999 9	55 1	111
62 7	161.5	25066.7	25 0	-50 6	99 9	275 8	4 6	4 6	-0 5	639 3	999 9	99 9	999 9	56 3	112

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

1 MAY 1982
1100 GMT

187 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	91.0	1000.0	18.1	15.6	80.0	2.1	-2.1	-0.4	288.5	316.9	11.2	97.0	0.0	0
0.4	8.1	172.7	1000.0	17.0	16.2	999.9	99.9	99.9	99.9	290.1	320.0	11.7	95.1	999.9	999
1.2	8.4	389.7	975.0	17.5*	99.9	999.9	99.9	99.9	99.9	292.8	999.9	99.9	999.9	999.9	999
1.9	10.7	610.3	950.0	16.3*	99.9	999.9	99.9	99.9	99.9	293.7	999.9	99.9	999.9	999.9	999
2.5	13.1	836.1	925.0	15.0*	99.9	999.9	99.9	99.9	99.9	294.7	999.9	99.9	999.9	999.9	999
3.3	15.5	1067.8	900.0	13.1	12.4	999.9	99.9	99.9	99.9	295.0	321.7	10.2	96.0	999.9	999
4.0	17.7	1304.7	875.0	11.4	11.2	999.9	99.9	99.9	99.9	295.8	321.1	9.6	98.5	999.9	999
4.9	20.3	1547.1	850.0	9.7	9.5	999.9	99.9	99.9	99.9	296.4	319.9	8.8	98.3	999.9	999
5.7	23.0	1794.9	825.0	8.1	8.0	999.9	99.9	99.9	99.9	297.2	319.3	8.2	99.3	999.9	999
6.5	25.5	2049.0	800.0	6.4	6.3	999.9	99.9	99.9	99.9	298.0	318.3	7.5	99.1	999.9	999
7.3	28.1	2308.8	775.0	3.9	3.3	999.9	99.9	99.9	99.9	298.0	313.0	5.5	83.4	999.9	999
8.0	30.8	2574.8	750.0	2.7*	99.9	999.9	99.9	99.9	99.9	299.5	999.9	99.9	999.9	999.9	999
8.7	33.3	2848.4	725.0	1.9*	99.9	999.9	99.9	99.9	99.9	301.5	999.9	99.9	999.9	999.9	999
9.6	36.1	3130.5	700.0	0.8	99.9	999.9	99.9	99.9	99.9	303.4	999.9	99.9	999.9	999.9	999
11.0	38.0	3421.3	675.0	-0.3	99.9	999.9	99.9	99.9	99.9	305.3	999.9	99.9	999.9	999.9	999
12.0	41.9	3722.7	650.0	-1.8	-12.9	999.9	99.9	99.9	99.9	306.9	313.6	2.2	42.8	999.9	999
13.1	44.9	4034.2	625.0	-3.0	-9.5	999.9	99.9	99.9	99.9	309.0	317.9	3.0	60.9	1.3	136
14.1	47.9	4358.2	600.0	-5.6	-9.5	352.8	7.5	0.9	-7.4	309.6	319.0	3.1	74.1	1.7	145
15.2	51.0	4688.8	575.0	-7.2	-26.3	339.6	5.1	1.8	-4.8	311.6	314.1	0.8	19.9	2.1	151
16.3	54.3	5035.8	550.0	-7.0	-34.7	283.0	4.0	3.9	-0.9	315.7	317.0	0.4	8.8	2.3	150
17.5	57.6	5396.6	525.0	-9.7	-36.2	257.3	4.8	4.7	1.1	316.8	317.9	0.3	9.4	2.4	143
18.6	61.0	5771.3	500.0	-12.2	-39.2	257.8	5.5	5.3	1.2	318.1	319.0	0.3	8.4	2.6	135
20.1	64.4	6161.3	475.0	-15.4	-40.1	258.4	6.2	6.1	1.3	318.9	319.8	0.2	9.9	2.9	127
21.5	68.1	6567.0	450.0	-18.6	-41.5	251.6	7.5	7.1	2.4	319.9	320.7	0.2	11.1	3.3	120
22.9	71.9	6991.0	425.0	-21.2	-27.2	244.2	8.1	7.3	3.5	321.8	325.4	1.1	65.7	3.8	111
24.5	75.8	7438.0	400.0	-24.7	-25.5	248.9	8.5	7.9	3.0	322.9	326.9	1.2	93.6	4.4	104
26.1	79.8	7903.3	375.0	-27.8	-34.2	251.2	7.6	7.2	2.4	325.0	327.0	0.6	53.1	5.0	99
28.0	84.2	8395.7	350.0	-31.0	-50.5	254.6	9.7	9.4	2.6	327.0	327.4	0.1	12.5	5.8	95
29.7	88.6	8916.8	325.0	-35.2	-53.3	250.7	11.2	10.6	3.7	329.2	328.5	0.1	13.6	6.9	91
31.6	93.2	9469.2	300.0	-39.9	99.9	254.2	11.7	11.3	3.2	329.2	999.9	99.9	999.9	8.1	89
33.7	98.2	10058.3	275.0	-44.2	99.9	262.3	16.4	16.2	2.2	331.3	999.9	99.9	999.9	9.8	87
35.9	103.5	10691.2	250.0	-48.9	99.9	262.1	20.5	20.3	2.8	333.4	999.9	99.9	999.9	12.2	86
38.2	109.0	11373.0	225.0	-54.7	99.9	256.5	20.9	20.5	4.1	334.7	999.9	99.9	999.9	15.2	85
40.6	114.7	12115.8	200.0	-61.3	99.9	251.6	20.0	18.0	8.3	335.7	999.9	99.9	999.9	18.0	83
43.2	121.0	12930.2	175.0	-67.4	99.9	253.2	19.1	16.3	5.5	336.7	999.9	99.9	999.9	21.1	81
45.9	127.5	13850.2	150.0	-69.6	99.9	258.6	20.1	19.8	4.8	350.2	999.9	99.9	999.9	24.0	81
48.1	134.7	14954.8	125.0	-65.9	99.9	274.2	20.0	20.0	-1.5	375.7	999.9	99.9	999.9	28.1	81
53.2	142.0	16311.7	100.0	-65.2	99.9	277.2	17.7	17.6	-2.2	401.8	999.9	99.9	999.9	32.3	83
58.8	149.7	18060.2	75.0	-64.1	99.9	300.2	12.8	10.9	-6.3	438.7	999.9	99.9	999.9	37.4	86
66.9	158.0	20574.8	50.0	-60.8	99.9	340.0	4.8	1.6	-4.5	500.6	999.9	99.9	999.9	39.5	90
78.6	168.0	24094.0	25.0	-53.4	99.9	289.7	3.2	2.7	-1.6	631.2	999.9	99.9	999.9	39.6	92

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

STATION NO 235
JACKSON, MISSISSIPPI

1 MAY 1982
1400 GMT

159 20 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5.4	91 0	1011 1	19.4	16.8	90 0	2.6	-2.6	0 0	291 6	322 6	12 0	85 0	0 0	0
0 3	6.5	185 8	1000 0	17 3	13 6	146.1	4 8	-2 7	4 0	[illegible] 5	316 0	9 9	78 8	0 1	272
1.2	8 9	402.3	975 0	17 0	11 6	169 9	6.1	-1 1	6 0	[illegible] 2	315 5	8 9	70 8	0 2	323
2.0	11.4	624.1	950 0	16 2	10.3	177 1	6.5	-0 3	6 5	293 6	315 6	8 3	68 0	0 6	340
2.8	13.9	850 5	925 0	14 4	10.7	199.1	5.1	1 7	4.8	294 0	317 3	8.8	78 7	0 8	349
3 5	16.5	1081 9	900 0	12 7	10 7	223.9	4 5	3 1	3 2	294 6	318 5	9 0	87 8	1 0	357
4 3	19.0	1318 2	875 0	11 1	9 8	235 3	3.8	3 1	2 2	295 3	318 6	8 8	92 1	1 1	6
5 2	21 6	1560.0	850 0	9 3	8 7	201.6	1 7	0 6	1 5	295 9	318 1	8 3	95 8	1 2	11
6 0	24.1	1807 5	825 0	8 1	6 1	134 3	0 9	-0 7	0 8	297 1	316 6	7 2	87 2	1 3	10
7 0	26.8	2061 2	800 0	6 5	3.2	87.2	1 4	-1 4	-0 1	298 1	314 7	6 0	79 4	1 3	8
8.0	29.4	2321 4	775 0	4.5	2.1	57 8	3.9	-3 3	-2 1	298 7	314 6	5 8	84 2	1 2	2
8.9	32 1	2588.3	750 0	3.4	2 8	999 9	99.9	99 9	99 9	300 3	317 6	6 3	95 9	1 0	351
10.1	34.9	2863.6	725 0	2 8	1.7	999 9	99 9	99 9	99 9	302 6	319 3	6 0	91 9	999 9	999
11 0	37 6	3147.2	700.0	1 4	-0 4	999.9	99 9	99 9	99 9	304 0	319.2	5 3	88 1	999 9	999
12 2	40.4	3440.2	675.0	0 3	-2 8	999 9	99 9	99 9	99 9	306 0	319 3	4 6	79 4	999 9	999
13.2	43.2	3742.5	650.0	-1.1	-5.4	999.9	99 9	99.9	99 9	307 7	319 3	4 0	72.8	999 9	999
14 4	46.1	4054.3	625 0	-3.6	-8.6	999 9	99 9	99.9	99 9	308 4	318 0	3 2	68 5	999 9	999
15.6	49 1	4376.5	600 0	-5.4	-10 3	351 1	6 2	1 0	-6 1	309 9	318 7	2 9	68 4	2 1	178
16.8	52.0	4708.9	575.0	-8.5	-9.7	347 4	3.7	0 8	-3 6	310 0	319 6	3 2	90 9	2 5	177
18 0	55.1	5054 4	550.0	-8 2	25 5	283 3	3 0	2 9	-0 7	314.4	317 3	0 9	23 2	2 6	176
19 2	58.1	5414.1	525.0	-10.4	-29 7	275.4	5 8	5 8	-0 6	315 9	318 0	0.6	18 8	2 7	169
20.5	61.4	5788.3	500.0	-12.9	-31 6	267 8	6 0	6 0	0 2	317 3	319 2	0 5	18.9	2 9	159
22.0	64.6	6177.2	475.0	-16.0	-31.4	255.8	6.3	6 1	1 5	318 1	320 1	0 6	25 3	3 0	150
23.3	67.9	6581.9	450.0	-18.8	-21.1	244 8	9 0	8 2	3 9	319 6	324 7	1 6	82 6	3 2	139
24.9	71.3	7005 4	425.0	-21.9	-22.7	233 7	10 5	8 4	6 2	320 9	325 7	1 5	93 8	3 4	122
26.5	74.7	7449.3	400 0	-25.2	-27 9	239 0	9 7	8.3	5 0	322 3	325 5	1 0	77.6	3 9	110
28.1	78.4	7916 0	375.0	-27.7	-44.9	252.2	10 2	9 7	3 1	324 9	325 6	0 2	17 5	4 6	101
29.9	82 1	8409.1	350.0	-30.8	-47.7	257 6	11 1	10.9	2 4	327 2	327 7	0 1	17 2	5 6	96
31.7	86.0	8931 2	325.0	-34 7	-46 0	261 8	13 4	13 3	1 9	328 9	329 6	0.2	30 2	6 9	93
33.6	90.0	9485 6	300.0	-39 1	-49.8	253 8	16.1	15 4	4.5	330 2	330 7	0 1	30 9	8 6	91
35 7	94.2	10075.3	275.0	-44.5	99 9	247.5	20.1	18 6	7 7	330 8	999 9	99 9	999 9	10 6	86
37.6	98.5	10707 4	250 0	-49.3	99.9	250.4	23.8	22 4	8 0	332 8	999 9	99.9	999.9	13 2	83
39.8	103.2	11388 0	225.0	-55 6	99.9	251.8	23.2	22 1	7 2	333 4	999.9	99 9	999 9	16 3	81
42.1	108.0	12128.2	200.0	-61.2	99.9	247 5	19 8	18 3	7 6	335 9	999 9	99 9	999 9	19 2	79
44.8	113.4	12947.4	175 0	-66 2	99 9	246 4	19.7	18.1	7 9	340 6	999 9	99.9	999 9	22 3	77
47.8	119.0	13881 9	150.0	-64 2	99 9	258 4	21.1	20 [illegible]	4.3	359 5	999 9	99 9	999 9	25 9	76
51.6	125.5	15007 4	125.0	-63 5	99.9	273.5	17.5	17.4	-1 1	380 0	999 9	99.9	999 9	30 3	78
56.1	132.7	16383.0	100 0	-61 6	99.9	285 9	16 1	15 5	-4 4	408 7	999 9	99.9	999 9	34 6	80
61.6	141.0	18159 4	75.0	-61.0	99.9	304.5	10 0	8 2	-5 7	445 0	999 9	99.9	999.9	38 4	84
68.9	150.7	20695.7	50 0	-58.0	99.9	330 1	2.6	1.3	-2 2	507 0	999 9	99 9	999 9	39 9	87
80.6	161.0	25152.9	25.0	-48.0	99 9	342.7	3 0	0 9	-2 8	646 5	999 9	99 9	999 9	39 9	88

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

1 MAY 1982
1700 GMT

170 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	91.0	1011.2	23 9	17.4	90.0	2.1	-2.1	0.0	296 1	328 8	12 5	67 0	0.0	0
0 4	8.4	188.2	1000.0	21.5	14 9	999.9	99.9	99.9	99.9	294 6	322 7	10 7	66 0	999 9	999
1 3	9.0	407.0	975.0	19.0	14 3	999.9	99.9	99.9	99.9	294 3	322 0	10 6	74.1	999 9	999
2.1	11 7	630.0	950.0	16.7	14 1	999.9	99.9	99.9	99 9	294 2	322 2	10 7	84 5	999 9	999
2 8	14 4	857.2	925.0	15.1	12 1	999.9	99.9	99.9	99 9	294 8	320 2	9 6	82 1	0 3	327
3.7	17.1	1089.2	900.0	13.1	12 1	232 4	3.3	2 8	2 0	295 0	321 2	9 9	93 7	0 4	348
4.6	19.8	1326.2	875.0	11.7	10 9	238.4	2.3	2.0	1.2	296 0	321 0	9 4	94.9	0 5	9
5 5	22.6	1568.7	850.0	10.2	9 0	203 7	1.2	0.5	1 1	296.8	319.7	8 5	92.4	0 5	14
6 5	25.3	1817.1	825.0	8.7	5.1	196.5	1.5	0.4	1 4	297 8	318 2	6 7	78.1	0 6	14
7 5	28.1	2071.5	800.0	7.2	3 5	148.0	1 1	-0 6	0.9	298 8	315.8	6 2	77.4	0 7	14
8 5	30 9	2332.6	775.0	6.0	5 2	39.3	2 7	-1 7	-2 1	300 3	320 1	7 2	94 6	0 7	11
9 5	33.8	2600.9	750.0	3.9	3.5	999 9	99.9	99 9	99 9	300.8	319 1	6 8	97 6	999 9	999
10 5	36.6	2877.0	725.0	3.3	2.2	999 9	99.9	99.9	99 9	303 1	320 6	6 2	92 3	999 9	999
11 6	39 5	99.9	700.0	99 9**	99 9	999 9	99.9	99.9	99 9	99 9	999 9	99 9	999.9	999 9	999
12 7	42 4	99.9	675.0	99.9**	99 9	999 9	99.9	99 9	99 9	99 9	999.9	99 9	999.9	999 9	999
13 8	45.4	99.9	650.0	-0.9	-3 4	999.9	99.9	99 9	99.9	308 0	321 3	4 6	82.9	999 9	999
15 0	48 4	99.9	625.0	-2.6	-7.0	999 9	99.9	99.9	99.9	309 5	320.3	3 6	71 9	999 9	999
16.2	51.5	99.9	600.0	-4 6	-9.5	999 9	99.9	99 9	99 9	310 8	320 2	3 1	68.1	999 9	999.
17 4	54.6	99.9	575.0	-7.2	-9 6	999 9	99 9	99 9	99.9	311.6	321.3	3 2	82 3	999 9	999
18 8	57.8	99.9	550.0	-9.3	-16.6	999 9	99.9	99.9	99 9	313 0	319 0	1 9	55 6	999 9	999
20 1	61 0	99.9	525.0	-10.7	-29.2	999 5	99 9	99 9	99 9	315 6	317 8	0 6	20.0	999 9	999
21 5	64.3	99.9	500.0	-12 4	-31 6	999 9	99.9	99 9	99 9	317 9	319.7	0 5	18.4	999 9	999
23.0	67.7	99.9	475.0	-16.0	-27 8	999 9	99.9	99.9	99 9	318 2	320 9	0 8	35 1	999 9	999
24.4	71.1	99.9	450.0	-18 3	-21.3	999.9	99 9	99.9	99 9	320 2	325 2	1 5	77 0	999.9	999
25 9	74.6	99.9	425.0	-20.9	-29.2	999.9	99.9	99.9	99.9	322 2	324 9	0 8	46.9	999 9	999
27.6	78.3	99.9	400.0	-23.3	-42 6	999 9	99.9	99.9	99.9	324.8	325 6	0 2	14 9	999 9	999
29.3	82.0	99 9	375.0	-26.6	-33 1	999 9	99.9	99 9	99 9	326 4	328 6	0 6	54 2	999 9	999
31 0	85 8	99.9	350.0	-30.6	-35 1	999.9	99.9	99.9	99.9	327 6	329 5	0 5	64.3	999.9	999.
32 8	89.7	99.9	325.0	-34.1	-40 4	999.9	99.9	99 9	99 9	329 7	331 0	0 3	52.4	999 9	999
34 4	93.8	99.9	300.0	-38.9	-44 5	999 9	99 9	99 9	99 9	330 5	331 4	0 2	55 4	999 9	999
36.2	98.2	99.9	275.0	-44.5	99.9	999.9	99.9	99.9	99 9	330 7	999.9	99 9	999 9	999 9	999
38 2	102.8	99.9	250.0	-49.9	99 9	999 9	99.9	99 9	99 9	331 9	999 9	99 9	999 9	999 9	999
40 3	107.6	99 9	225.0	-54.4	99.9	999 9	99.9	99 9	99.9	335 2	999 9	99 9	999.9	999 9	999
42.8	112.8	99.9	200.0	-60.4	99.9	999.9	99.9	99 9	99 9	337.1	999 9	99 9	999 9	999 9	999
45 0	118.4	99.9	175.0	-65.6	99 9	999 9	99.9	99 9	99 9	341 7	999 9	99 9	999 9	999 9	999
47 9	124 5	99.9	150.0	-61.3	99.9	999.9	99 9	99.9	99 9	364 5	999 9	99 9	999 9	999 9	999
51 3	131 2	99.9	125.0	-60.9	99.9	999 9	99.9	99 9	99 9	384 7	999 9	99 9	999 9	999 9	999
55 4	139.0	99.9	100.0	-61.7	99 9	999.9	99.9	99 9	99 9	408 4	999 9	99 9	999 9	999 9	999
60 5	147.7	99.9	75 0	-61 2	99.9	999 9	99 9	99.9	99 9	444 6	999 9	99 9	999 9	999 9	999
67 9	158.0	99.9	50.0	-57.2	99.9	999.9	99.9	99.9	99 9	508.8	999 9	99 9	999 9	999 9	999
79 7	169.0	99.9	25 0	-49 8	99 9	999.9	99 9	99.9	99 5	641 4	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 235
JACKSON, MISSISSIPPI

1 MAY 1982
2000 GMT

187 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	91 0	1009 9	21.8	18 1	80.0	4.1	-4 0	-0 7	294 1	324.1	11 5	70 0	0 0	0
0.3	6.3	176 8	1000 0	21 7	15.9	61.1	0 3	-0 3	-0 2	294 9	325 0	11 5	69 7	0 2	264
1.1	8 5	398 0	975 0	19 2	15.5	61 5	1.1	-0.9	-0 5	294 5	324 4	11 5	79.3	0 2	261
2.0	10.7	619 3	950 0	17.4	14.9	101.6	1 0	-1 0	0 2	294.8	324 5	11 4	85.8	0 3	259
2 7	13.0	846 9	925.0	15 9	13.1	148 7	0 6	-0 3	0 5	295 6	322 9	10 3	83 5	0 3	264
3.4	15.4	1079 8	900 0	14 1	11.5	169 3	1 2	-0 2	1 2	296 0	321.3	9 5	84 2	0 3	269
4.2	17.7	1317 2	875 0	12 3	9.9	174 4	1.5	-0 1	1 4	296.5	320.0	8 8	85 2	0 4	280
5.0	20.2	1559 8	850 0	10.4	8 6	194.8	1.8	0 5	1 7	297 0	319.3	8.3	88 9	0 4	290
5.8	22.5	1808 4	825 0	8 8	7 4	213 1	2 8	1 5	2 3	297 9	319 2	7 9	90 7	0 4	305
6.7	25.1	2062 7	800 0	7 2	5 2	219.0	3.4	2.1	2.6	298 8	317 9	7 0	87.3	0 4	334
7.6	27 6	2324 1	775 0	6.3	5.4	212 5	1.5	0 8	1 3	300 6	320.6	7 3	94.2	0 5	348
8 5	30 1	2592 7	750 0	4 6	4 0	215 6	1 7	1.0	1 4	301 5	320 4	6 8	95 9	0 5	352
9 3	32.8	2868.7	725.0	3.0	2 7	258 1	1 8	1.8	0 4	302 8	320.8	6.5	98 2	0 6	1
10 3	35.4	3153.0	700 0	1 5	1.3	328 0	2 2	1 2	-1.9	304 2	321 1	6 0	98 1	0 6	8
11.2	38.2	3446.0	675.0	0.8	-2.3	339 6	3 3	1 2	-3 1	306 6	320 5	4.8	79 9	0 4	17
12.2	41.0	3748 5	650.0	-1.6	-3 2	332.9	3 3	1.5	-3 0	307 2	320 7	4 6	88 3	0 3	46
13 3	43.9	4060 2	625.0	-3.5	-3 6	328.2	2.7	1 4	-2 3	308 4	322 1	4 7	99 7	0 3	79
14.4	46.9	4382 3	600.0	-5 5	-9.6	338 4	3.8	1 4	-3.5	309 8	319 1	3 1	73 1	0 4	108
15.6	49.9	4716 0	575.0	-6.9	-11 1	336 9	4 0	1 6	-3.7	311 9	320 5	2 8	72 1	0 6	129
16.7	53.0	5061 4	550.0	-10.0	-12 0	316 0	3 6	2 5	-2.6	312 3	320 7	2 8	84 7	0 9	136
18 0	56.1	5419 0	525.0	-12.0	-14 1	285 7	4 7	4.5	-1.3	314 0	322 0	2 6	89 0	1 1	130
19.2	59.5	5792.0	500.0	-12.8	-23.8	278 4	5.8	5 7	-0.8	317 4	321 1	1 1	40 0	1 5	124
20.4	62.9	6181 7	475.0	-15 1	-21 5	261 2	6.7	6.7	1 0	319 3	324.0	1 4	57 9	1 9	116
21.9	66.4	6587 9	450.0	-18 6	-23.9	265.2	8.4	8 4	0 7	319 9	323.9	1 2	62 9	2 5	107
23.4	70.1	7011.9	425.0	-21.5	-27 9	271.7	11.9	11 9	-0 3	321.4	324.4	0.9	55 8	3 4	103
25 1	74.0	7456 9	400 0	-24.4	-29 7	265.0	14 3	14 3	1 2	323 3	326 1	0.8	60 8	4 7	99
26.7	78.0	7924 2	375.0	-27.3	-33.5	259.3	15 5	15 3	2 9	325 5	327 6	0.6	55 0	6 1	95
28.5	82.2	8417.5	350 0	-31 3	-41.5	251 5	17 6	16 7	5.6	326 6	327 6	0.3	35 4	7 8	90
30 3	86.5	8938.5	325 0	-35.6	-48.5	243.2	17.0	15.2	7 7	327 7	328 2	0 1	25 1	9 6	86
32.1	91.0	9489 7	300 0	-40.4	99.9	232.0	14 0	11.0	8 6	328 5	999 9	99 9	999 9	11 2	82
34.2	96.0	10077 2	275 0	-45.1	99 9	235.9	9.3	7.7	5.2	329 9	999 9	99.9	999.9	12.4	78
36.1	101.0	10706 5	250.0	-50.4	99.9	239.8	12.8	11.1	6.4	331 1	999 9	99 9	999.9	13.4	77
38.3	106.4	11386 8	225.0	-54.9	99 9	233 1	22 1	17.7	13 3	334.3	999 9	99 9	999.9	15 6	74
40.6	112.2	12129 1	200.0	-61.2	99.9	229.0	25.3	19.1	16.6	335.8	999 9	99 9	999 9	18 9	70
43.3	118.5	12949.7	175 0	-65 1	99.9	232.5	24.1	19.1	14.7	342 5	999 9	99 9	999.9	22 6	66
46.3	125.0	13901.1	150.0	-59.9	99.9	256.1	18.8	18 3	4 5	366 8	999.9	99.9	999.9	26 5	66
49.9	132 0	15031 0	125 0	-62.3	99.9	266.5	19.1	19 1	1.2	382 2	999 9	99 9	999.9	30 3	68
54.5	139.7	16409.3	100.0	-62.2	99.9	280.0	15.2	15 0	-2 6	407 5	999 9	99.9	999 9	34 7	71
60.2	147.7	18185 4	75 0	-61 3	99.9	283 5	10.6	10 3	-2.5	444.4	999 9	99.9	999 9	39 0	75
68.0	156.3	20724.7	50.0	-58 5	99.9	313 6	5.0	3.6	-3.4	505 7	999 9	99.9	999 9	41 1	77
79.7	165.0	25163 0	25.0	-49.8	99.9	83.0	5 4	-5.4	-0 7	641 4	999 9	99 9	999 9	41 1	80

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ORIGINAL PAGE IS
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STATION NO. 235
JACKSON, MISSISSIPPI

1 MAY 1982
2300 GMT

147 22 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	91.0	1009.3	21.1	19.4	220.0	3.6	2.3	2.8	293.5	330.1	14.2	90.0	0.0	0
0.4	6.6	171.1	1000.0	19.5	17.2	272.3	3.1	3.1	-0.1	292.6	324.7	12.4	86.6	0.1	54
1.2	8.9	389.2	975.0	18.1	17.6	325.2	1.4	0.8	-1.1	293.4	327.3	13.1	96.4	0.1	79
1.9	11.2	611.9	950.0	16.6	14.8	71.4	1.4	-1.3	-0.5	294.0	323.3	11.2	89.0	0.1	86
2.6	13.5	839.2	925.0	15.0	13.0	358.4	1.3	0.0	-1.3	294.6	321.5	10.2	87.7	0.0	101
3.3	15.7	1071.2	900.0	13.3	12.9	285.9	3.3	3.2	-0.9	295.2	322.8	10.5	97.3	0.1	98
4.1	18.0	1308.2	875.0	11.6	11.3	3.0	5.0	-0.3	-5.0	295.8	321.5	9.7	98.6	0.3	112
5.0	20.4	1550.5	850.0	9.7	9.4	110.0	3.4	-3.2	1.2	296.3	319.7	8.8	98.3	0.2	149
6.0	22.7	1798.4	825.0	8.1	7.8	999.9	99.9	99.9	99.9	297.2	319.0	8.1	98.1	999.9	999
6.9	25.2	2052.5	800.0	6.7	6.4	999.9	99.9	99.9	99.9	298.3	318.9	7.6	98.0	999.9	999
7.8	27.5	2313.4	775.0	5.4	5.1	999.9	99.9	99.9	99.9	299.6	319.2	7.1	97.8	999.9	999
8.9	30.0	2581.1	750.0	3.9	3.9	999.9	99.9	99.9	99.9	300.8	319.5	6.8	99.8	999.9	999
9.9	32.5	2856.6	725.0	2.4	2.2	999.9	99.9	99.9	99.9	302.1	319.4	6.2	98.5	999.9	999
10.9	35.0	3139.9	700.0	1.4	1.2	999.9	99.9	99.9	99.9	304.1	320.9	6.0	98.5	999.9	999
11.9	37.5	3432.4	675.0	-0.5	-0.5	299.4	4.6	4.0	-2.2	305.1	320.6	5.5	100.0	1.2	150
13.0	40.1	3733.6	650.0	-2.3	-2.4	298.3	3.9	3.4	-1.8	306.3	320.6	5.0	99.8	1.5	144
14.0	42.7	4044.7	625.6	-4.1	-4.5	313.6	3.8	2.8	-2.6	307.8	320.5	4.4	96.6	1.7	141
15.1	45.3	4366.2	600.0	-5.8	-8.1	330.8	4.4	2.2	-3.9	309.4	319.7	3.5	84.0	1.9	142
16.1	48.1	4698.7	575.0	-8.1	-9.7	336.5	4.1	1.6	-3.7	310.5	320.1	3.2	88.4	2.2	144
17.4	50.9	5043.0	550.0	-9.9	-12.3	326.7	5.3	2.9	-4.4	312.3	320.6	2.7	82.7	2.5	145
18.6	53.7	5401.4	525.0	-11.5	-14.0	323.8	7.0	4.2	-5.7	314.6	322.3	2.5	82.1	3.0	145
19.7	56.6	5774.4	500.0	-13.6	-15.0	306.4	7.1	5.7	-4.2	316.4	323.9	2.4	89.4	3.5	144
21.0	59.5	6163.0	475.0	-16.2	-18.4	283.3	7.3	7.1	-1.7	317.9	323.9	1.9	83.3	3.9	140
22.2	62.4	6566.6	450.0	-18.4	-20.6	276.2	7.2	7.2	-0.8	320.1	325.4	1.6	83.2	4.4	135
23.5	65.6	6992.6	425.0	-21.7	-24.6	273.5	7.8	7.8	-0.5	321.2	325.2	1.2	77.3	4.8	131
24.9	68.8	7436.7	400.0	-24.9	-27.2	271.9	8.9	8.8	-0.3	322.7	326.1	1.0	80.6	5.4	126
26.6	72.0	7902.7	375.0	-28.1	-32.9	280.6	10.7	10.5	-2.0	324.4	326.6	0.6	63.7	6.2	122
28.3	75.4	8393.9	350.0	-32.2	-38.3	278.9	10.9	10.8	-1.7	325.3	326.7	0.4	54.3	7.3	118
30.0	78.9	8912.3	325.0	-36.5	-42.7	280.7	11.5	11.3	-2.1	326.4	327.4	0.3	52.3	8.4	116
31.8	82.6	9461.8	300.0	-41.2	99.9	279.3	10.3	10.2	-1.7	327.3	999.9	99.9	999.9	9.6	114
33.9	86.5	10046.1	275.0	-46.5	99.9	273.2	8.9	8.8	-0.5	327.9	999.9	99.9	999.9	10.7	112
36.0	90.5	10671.4	250.0	-52.0	99.9	275.4	6.8	6.7	-0.6	328.8	999.9	99.9	999.9	11.6	110
38.3	94.7	11345.5	225.0	-57.6	99.9	266.4	6.3	6.3	0.4	330.2	999.9	99.9	999.9	12.4	109
40.8	99.2	12080.7	200.0	-60.4	99.9	234.0	15.7	12.7	9.2	337.1	999.9	99.9	999.9	13.5	105
43.9	104.2	12909.8	175.0	-61.8	99.9	246.4	20.4	18.7	8.2	348.0	999.9	99.9	999.9	16.0	94
47.4	109.5	13869.3	150.0	-59.9	99.9	264.2	17.8	17.7	1.8	366.9	999.9	99.9	999.9	19.8	92
51.6	115.5	15004.7	125.0	-62.0	99.9	275.9	19.0	18.9	-2.0	382.8	999.9	99.9	999.9	24.4	91
56.4	122.2	16383.5	100.0	-61.8	99.9	280.2	15.6	15.4	-2.8	408.4	999.9	99.9	999.9	29.2	93
62.1	130.0	18159.0	75.0	-61.7	99.9	283.5	11.8	11.4	-2.7	443.5	999.9	99.9	999.9	34.1	94
70.1	139.3	20681.4	50.0	-58.9	99.9	336.4	5.[illegible]	2.1	-4.7	504.7	999.9	99.9	999.9	37.6	96
82.4	149.7	25108.5	25.0	-53.2	99.9	207.2	2.9	1.3	2.6	632.0	999.9	99.9	999.9	37.3	99

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146 26 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	91.0	1009.7	18.9	18.2	310.0	1.0	0.8	-0.6	291.3	325.0	13.2	96.0	0.0	0
0.2	6.1	174.2	1000.0	18.7	17.0	46.1	2.9	-2.1	-2.0	291.8	323.5	12.3	90.1	0.1	175
0.8	8.3	392.5	975.0	18.9	14.2	52.9	2.5	-2.0	-1.5	294.2	321.7	10.5	74.1	0.1	196
1.7	10.5	615.5	950.0	17.2	12.0	77.3	1.7	-1.6	-0.4	294.6	319.3	9.3	71.5	0.2	219
2.4	12.8	842.9	925.0	15.7	10.5	104.2	1.1	-1.1	0.3	295.3	318.4	8.7	71.4	0.3	232
3.2	15.1	1074.9	900.0	13.7	9.5	138.5	0.7	-0.5	0.5	295.6	317.8	8.3	75.8	0.3	239
4.0	17.4	1312.0	875.0	11.9	9.0	259.2	0.7	0.7	0.1	296.1	318.4	8.3	82.9	0.3	244
4.8	19.6	1554.6	850.0	10.2	8.9	320.6	1.4	0.9	-1.1	296.8	319.4	8.5	91.7	0.3	233
5.7	22.0	1802.6	825.0	8.5	7.7	313.7	2.3	1.7	-1.6	297.6	319.3	8.1	94.9	0.3	212
6.4	24.4	2057.4	800.0	7.6	6.5	304.5	3.1	2.6	-1.8	299.3	320.1	7.7	93.0	0.3	188
7.3	26.7	2318.8	775.0	5.6	5.0	288.5	3.5	3.3	-1.1	299.8	319.3	7.1	96.1	0.4	161
8.2	29.2	2586.6	750.0	3.7	2.8	295.8	2.6	2.3	-1.1	300.6	318.0	6.3	94.3	0.5	147
9.1	31.6	2861.8	725.0	2.7	1.4	330.1	2.5	1.2	-2.1	302.4	318.8	5.8	90.8	0.6	144
9.9	34.1	3145.7	700.0	1.4	1.1	342.2	3.2	1.0	-3.1	304.0	320.8	5.9	97.7	0.8	147
10.9	36.6	3438.1	675.0	-0.8	-1.2	342.6	3.5	1.1	-3.4	304.8	319.7	5.2	97.2	1.0	150
11.9	39.1	3739.2	650.0	-2.2	-2.3	338.2	3.3	1.2	-3.1	306.4	320.8	5.0	99.9	1.2	152
12.9	41.8	4050.3	625.0	-4.2	-4.2	337.0	3.7	1.5	-3.4	307.7	320.8	4.5	99.7	1.4	153
14.0	44.4	4371.7	600.0	-6.0	-6.1	339.5	4.1	1.4	-3.8	309.2	321.1	4.1	99.5	1.6	154
15.0	47.1	4704.0	575.0	-8.0	-8.1	333.5	3.7	1.6	-3.3	310.6	321.4	3.6	99.3	1.9	154
16.1	49.9	5048.6	550.0	-10.0	-10.1	322.3	2.9	1.7	-2.3	312.2	321.9	3.2	99.0	2.1	154
17.2	52.7	5406.6	525.0	-12.1	-14.4	320.4	2.9	1.9	-2.3	313.9	321.3	2.4	83.0	2.3	153
18.4	55.5	5778.3	500.0	-14.7	-17.2	316.4	4.1	2.8	-3.0	315.1	321.4	2.0	81.3	2.5	151
19.7	58.4	6165.1	475.0	-17.4	-20.0	298.7	5.1	4.5	-2.4	316.5	321.6	1.6	79.8	2.8	149
20.9	61.5	6568.4	450.0	-20.2	-22.8	295.1	5.6	5.1	-2.4	317.8	322.2	1.4	79.7	3.2	144
22.4	64.5	6990.0	425.0	-22.8	-26.7	308.3	6.8	5.4	-4.2	319.8	323.[illegible]	1.0	70.1	3.6	141
23.8	67.8	7431.8	400.0	-26.0	-30.7	309.7	6.6	6.6	-5.5	321.3	323.8	0.7	63.9	4.3	139
25.3	71.0	7895.6	375.0	-29.7	-34.7	311.7	8.2	6.2	-5.5	322.3	324.2	0.5	60.9	5.1	138
26.7	74.4	8383.9	350.0	-33.9	-39.3	303.2	8.4	7.0	-4.6	323.1	324.3	0.4	57.8	5.7	137
28.2	77.9	8898.7	325.0	-38.3	-44.5	287.4	10.8	10.3	-3.2	323.9	324.7	0.2	51.2	6.5	134
30.1	81.6	9444.0	300.0	-43.0	99.9	284.1	11.9	11.5	-2.9	324.8	999.9	99.9	999.9	7.7	129
31.9	85.4	10023.8	275.0	-48.2	99.9	284.4	9.9	9.6	-2.5	325.5	999.9	99.9	999.9	8.8	126
34.0	89.5	10643.8	250.0	-54.0	99.9	285.6	6.8	6.6	-1.8	325.8	999.9	99.9	999.9	9.8	124
36.2	93.8	11311.6	225.0	-59.7	99.9	271.0	3.8	3.8	-0.1	327.0	999.9	99.9	999.9	10.4	123
38.2	98.4	12039.1	200.0	-63.5	99.9	265.8	9.7	9.6	0.7	332.2	999.9	99.9	999.9	10.9	120
40.6	103.4	12865.7	175.0	-60.6	99.9	275.8	15.4	15.3	-1.6	349.9	999.9	99.9	999.9	12.6	116
43.6	108.8	13825.4	150.0	-59.7	99.9	275.8	19.0	18.9	-1.9	367.2	999.9	99.9	999.9	15.7	113
47.1	115.0	14955.1	125.0	-62.3	99.9	279.8	18.3	18.0	-3.1	382.2	999.9	99.9	999.9	19.6	109
51.6	122.0	16324.7	100.0	-65.4	99.9	282.6	17.5	17.1	-3.8	401.4	999.9	99.9	999.9	24.4	107
57.2	130.0	18078.1	75.0	-62.5	99.9	287.1	12.2	11.7	-3.6	441.9	999.9	99.9	999.9	29.5	107
64.9	140.0	20569.4	50.0	-61.0	99.9	358.2	5.9	0.2	-5.9	499.7	999.9	99.9	999.9	32.8	109
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

2 MAY 1982
500 GMT

149 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	91.0	1010.3	18 9	18 2	320.0	1 0	0 8	-0 8	291.2	325 0	13 2	96 0	0 0	0
0 4	6.8	179.0	1000.0	17.8	15.8	76 3	3 9	-3.8	-0 9	290.7	320 0	11 4	89 4	0 0	232
1 1	9 0	396.0	975 0	17.9	10.1	77.1	3 0	-2.9	-0 7	293.2	314 4	8 0	60 4	0 2	250
2.0	11.2	610.2	950.0	18.7	10 5	97.2	2.3	-2 3	0 3	294 2	316 6	8.5	66 9	0 3	256
2 8	13 4	845.2	925.0	15.1	10 5	109.6	2.3	-2 2	0 8	294.7	317 8	8 7	74 2	0 4	265
3.6	15.6	1076.9	900.0	13 2	9 3	116 0	1.5	-1 3	0.6	295 1	317 0	8 2	77 1	0 5	270
4 5	18.0	1313.6	875.0	11.6	9 0	103.8	1.8	-1.8	0 4	295 8	317 9	8 3	84 4	0.5	272
5.2	20 3	1555.7	850.0	9.7	8.4	110 6	2 1	-1 9	0 7	296 3	318 2	8 2	91 6	0 6	274
6 2	22.6	1803.4	825.0	8 0	7.9	169 1	1.6	-0.3	1.6	297 0	318 9	8 1	99 4	0 7	278
7 2	25 0	2057.3	800.0	7.2	6 6	273.4	2.5	2 5	-0 2	298 8	319 7	7 7	96 1	0 7	283
8 2	27 4	2318.7	775.0	6 0	4.7	312.6	3 7	2.7	-2 5	300.3	319 4	7 0	91 6	0 5	274
9 2	29 8	2587.1	750.0	4.1	3 4	323.4	4.4	2 7	-3 6	301 0	319 2	6 5	95 2	0 4	247
10 2	32 2	2862.7	725.0	2 8	1.1	320.3	5.8	3 7	-4 5	302 5	318 6	5 7	88 6	0 4	202
11 2	34.7	3146.4	700.0	0 6	0 4	317 9	5.4	3 6	-4.0	303 2	319 1	5 7	98 8	0 7	170
12 4	37 2	3438.1	675.0	-0 6	-1 2	315.7	5.0	3 5	-3 6	305.0	319 9	5 2	95 4	1 0	161
13.4	39.8	3739.6	650.0	-2.0	-3 5	319 3	4.4	2 9	-3 4	306 7	319 9	4 6	89 5	1 3	155
14 5	42 3	4050 4	625.0	-4.6	-4.7	314 8	4 4	3 1	-3 1	307 2	319 7	4 3	99 2	1 5	152
15.7	45.0	4371.3	600.0	-6.2	-6.3	305.6	5.8	4 8	-3 4	308.9	320 6	4 0	99 5	1 8	148
16 8	47.7	4703.5	575 0	-8.4	-8 6	311 7	6 1	4.5	-4 0	310 2	320 6	3 5	98.6	2 3	144
18 1	50.3	5047.2	550.0	-11 0	-11 1	310.4	4.5	3.4	-2 9	311 0	320 0	3 0	98.8	2 6	143
19 4	53.1	5403.8	525.0	-12 7	-13 0	298 8	4 6	4.1	-2 2	313 2	321 4	2 7	97 7	2 9	140
20.8	56 0	5774.9	500.0	-15 4	-16 0	298 3	4 7	4 2	-2 2	314 3	321 1	2 2	95 2	3 3	136
22 2	58.9	6161.1	475.0	-17.6	-20 2	279.5	6.4	6.3	-1 1	316 1	321.3	1 6	80 0	3 7	135
23 6	61.9	6563.7	450.0	-20.6	-23 1	277 0	7 0	6.9	-0 9	317 3	321 6	1 3	79 9	4 2	129
25 2	64.9	6984.9	425.0	-22.9	-27 5	285 5	7 0	6.8	-1 9	319.7	322 8	0 9	65.9	4 8	126
26.7	68.0	7426.3	400.0	-26 2	-32 0	286 8	7.7	7 3	-2 2	321.0	323.2	0 6	57 7	5 4	123
28.4	71.3	7889.8	375.0	-30 0	-36.0	275 5	7 9	7 9	-0 8	321 9	323 6	0 5	55 2	6 2	121
30 3	74.6	8377.9	350.0	-33.5	-42 6	274 0	10 9	10 9	-0 8	323.6	324 5	0 2	38 8	7.1	117
32 4	78.1	8893.4	325.0	-38 0	-49 5	275 6	12 2	12 1	-1 2	324.3	324 7	0 1	28 7	8 4	113
34 3	81.7	9438.9	300.0	-42.9	99.9	279 1	11.8	11 6	-1 9	324 9	999 9	99 9	999 9	9 8	111
36 4	85 6	10018.7	275.0	-48 5	99 9	289 3	10 4	9.8	-3 4	325 0	999 9	99 9	999 9	11 2	110
38 6	89.5	10638.0	250.0	-54.0	99.9	289 5	9 8	9.2	-3 3	325.7	999 9	99 9	999 9	12 6	110
41 2	93.6	11305.9	225.0	-59.7	99 9	304 7	12 2	10 0	-6 9	327 0	999 9	99 9	999 9	14 1	110
43 9	98.2	12034.6	200.0	-63.6	99 9	316 3	13.8	9 5	-10 0	332 1	999 9	99 9	999 9	16 1	114
47 0	103.2	12859.5	175 0	-61.6	99 9	296 7	18.9	16 9	-8 5	348 3	999 9	99 9	999 9	18 9	115
50 8	108.5	13818.9	150.0	-59.7	99.9	286 0	16 7	16 0	-4 6	367 2	999 9	99 9	999 9	23 2	116
54 8	114 5	14950.3	125.0	-63 2	99 9	279.8	18 5	18 2	-3 1	380 6	999 9	99 9	999 9	27 2	113
59 5	121.0	16313.2	100.0	-66.6	99 9	281.3	16 6	16 3	-3 2	399 1	999 9	99 9	999 9	32 0	111
65 5	128 7	18068.8	75.0	-65 0	99 9	294 9	11 6	10 5	-4 9	436 9	999 9	99 9	999 9	37 5	110
73 5	138 0	20570.3	50.0	-61 5	99 9	357 1	2 9	0 1	-2 9	498 5	999 9	99 9	999 9	40 4	111
85 9	148.3	24955.6	25.0	-53.9	99 9	222 5	2 9	1 9	2 1	630 0	999 9	99 9	999 9	40 2	112

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

2 MAY 1982
1100 GMT

151 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	91.0	1009.1	17.8	17.8	360.0	0.0	0.0	0.0	290.2	322.9	12.8	100.0	0.0	0
0.2	6.3	168.8	1000.0	17.1	15.7	999.9	99.9	99.9	99.9	290.2	319.2	11.3	91.8	999.9	999
1.0	8.3	385.5	975.0	17.6	9.4	999.9	99.9	99.9	99.9	292.9	313.1	7.6	58.5	999.9	999
1.7	10.3	607.4	950.0	16.3	9.0	999.9	99.9	99.9	99.9	293.8	314.0	7.6	61.7	999.9	999
2.5	12.3	833.9	925.0	14.8	8.2	999.9	99.9	99.9	99.9	294.4	314.2	7.4	64.8	999.9	999
3.3	14.4	1065.3	900.0	13.1	8.8	999.9	99.9	99.9	99.9	295.0	316.2	8.0	75.6	999.9	999
4.1	16.5	1301.9	875.0	11.2	10.0	999.9	99.9	99.9	99.9	295.4	319.0	8.9	92.4	999.9	999
5.0	18.6	1543.9	850.0	9.5	9.0	999.9	99.9	99.9	99.9	296.1	318.8	8.5	96.6	999.9	999
5.8	20.8	1791.6	825.0	8.0	7.5	999.9	99.9	99.9	99.9	297.1	318.4	7.9	96.2	999.9	999
6.7	23.0	2045.1	800.0	6.1	5.6	999.9	99.9	99.9	99.9	297.7	317.1	7.2	96.2	999.9	999
7.8	25.4	2305.6	775.0	4.8	4.4	999.9	99.9	99.9	99.9	299.0	317.6	6.8	96.9	999.9	999
8.7	27.6	2572.8	750.0	3.1	2.8	999.9	99.9	99.9	99.9	300.0	317.3	6.3	97.4	999.9	999
9.5	30.0	2846.8	725.0	1.1	99.9	999.9	99.9	99.9	99.9	300.7	999.9	99.9	999.9	999.9	999
10.5	32.4	3128.1	700.0	-0.3	99.9	321.4	6.9	4.3	-5.4	302.1	999.9	99.9	999.9	1.7	143
11.7	35.0	3418.6	675.0	-1.5	-5.4	317.6	6.4	4.3	-4.7	304.0	315.0	3.8	74.7	2.1	142
12.7	37.5	3718.9	650.0	-3.2	-7.0	314.1	7.1	5.1	-4.9	305.4	315.6	3.5	75.1	2.6	141
13.6	40.1	4028.3	625.0	-5.4	-9.9	311.2	5.6	4.2	-3.7	306.3	314.8	2.9	70.3	2.9	140
14.6	42.8	4347.8	600.0	-7.7	-9.2	314.2	4.6	3.3	-3.2	307.3	316.7	3.2	88.9	3.2	139
15.7	45.6	4678.4	575.0	-9.2	-9.3	315.1	5.4	3.8	-3.8	309.3	319.1	3.3	99.1	3.5	139
16.9	48.4	5021.3	550.0	-11.3	-13.1	314.0	6.8	4.9	-4.7	310.7	318.4	2.5	86.6	3.9	138
18.1	51.4	5377.4	525.0	-13.3	-16.8	311.9	8.1	6.0	-5.4	312.5	318.6	1.9	74.3	4.5	138
19.4	54.5	5747.6	500.0	-15.4	-20.9	310.2	9.9	7.6	-6.4	314.3	318.9	1.4	62.7	5.2	137
20.6	57.6	6133.3	475.0	-17.8	-25.1	999.9	99.9	99.9	99.9	316.0	319.4	1.0	52.3	999.9	999
22.0	60.9	6535.9	450.0	-20.3	-28.7	999.9	99.9	99.9	99.9	317.7	320.3	0.8	46.8	999.9	999
23.5	64.3	6956.4	425.0	-23.6	-30.1	999.9	99.9	99.9	99.9	318.7	321.2	0.7	55.1	999.9	999
25.0	67.9	7396.4	400.0	-27.0	-33.0	999.9	99.9	99.9	99.9	319.9	321.9	0.6	56.5	999.9	999
26.7	71.7	7858.4	375.0	-30.6	-38.5	999.9	99.9	99.9	99.9	321.1	322.4	0.4	45.4	999.9	999
28.4	75.5	8344.1	350.0	-34.8	-41.4	999.9	99.9	99.9	99.9	321.8	322.8	0.3	50.9	999.9	999
30.2	79.7	8857.0	325.0	-39.0	-46.5	999.9	99.9	99.9	99.9	322.9	323.6	0.2	44.4	999.9	999
32.1	83.8	9400.9	300.0	-43.3	99.9	999.9	99.9	99.9	99.9	324.4	999.9	99.9	999.9	999.9	999
34.1	88.4	9980.2	275.0	-48.1	99.9	999.9	99.9	99.9	99.9	325.5	999.9	99.9	999.9	15.2	114
36.2	93.2	10602.5	250.0	-52.5	99.9	283.0	17.0	16.6	3.8	328.0	999.9	99.9	999.9	17.3	112
38.3	98.3	11278.8	225.0	-56.9	99.9	290.4	17.4	16.4	-6.1	331.3	999.9	99.9	999.9	19.4	111
40.7	103.8	12015.6	200.0	-60.4	99.9	292.8	19.2	17.7	-7.4	337.1	999.9	99.9	999.9	22.0	112
43.1	109.5	12840.0	175.0	-64.4	99.9	290.6	19.4	18.2	-6.8	343.7	999.9	99.9	999.9	24.7	112
45.8	115.5	13791.7	150.0	-61.9	99.9	287.6	19.5	18.6	-5.9	363.5	999.9	99.9	999.9	27.9	111
49.0	121.7	14914.7	125.0	-62.5	99.9	280.6	18.5	18.2	-3.4	381.9	999.9	99.9	999.9	31.6	111
53.5	128.7	16284.9	100.0	-63.2	99.9	287.5	13.8	13.2	-4.2	405.7	999.9	99.9	999.9	36.1	110
58.9	135.7	18057.1	75.0	-64.2	99.9	304.0	9.3	7.7	-5.2	438.3	999.9	99.9	999.9	39.9	110
66.7	143.2	20575.0	50.0	-59.4	99.9	346.0	3.5	0.9	-3.4	503.6	999.9	99.9	999.9	41.8	112
78.7	151.0	24958.6	25.0	-53.4	99.9	999.9	99.9	99.9	99.9	631.1	999.9	99.9	999.9	42.2	113

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA

1 MAY 1982
1100 GMT

169 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5.3	5.0	1018.5	18.3	17.8	80.0	2.1	-2.1	-0.4	289 9	322 4	12.7	97 0	0.0	0
0 6	7.0	183.1	1000.0	19.8	17.7	999.9	99 9	99.9	99.9	293.0	326 2	12 9	87 6	999.9	999
1 3	9.3	381 9	975.0	18.8	17.7	999.9	99.9	99 9	99 9	294 1	328 3	13 2	93 4	999 9	999.
2.0	11.6	605.3	950.0	17.7	15 4	999 9	99.9	99 9	99 9	295.2	325 8	11 7	86 5	0 4	302.
2 7	14.0	833.5	925.0	16.5	14.0	120 2	3 9	-3 4	2 0	296 1	325.0	11 0	85 4	0 6	302
3 5	16 4	1067.1	900 0	15.2	12.9	111 3	4.9	-4 6	1 8	297 2	325 0	10.5	86 0	0 8	301
4 3	18.9	1306.0	875.0	14.1	10.6	90 4	5.7	-5 7	0 0	298 5	323 2	9.2	79 1	1 0	297
5 2	21.4	1551.0	850 0	13.4	8 0	54 6	5 2	-4.7	-2 2	300 2	321 9	7 9	69 5	1 3	288
6.0	23.9	1801.8	825.0	11 5	6 7	55.7	4.9	-4 1	-2.8	300.7	321 3	7 5	72 5	1 4	280
6.9	26.4	2058.5	800.0	9.1	5 2	50.6	6.9	-5.3	-4.4	300.9	320 1	7.0	76 9	1 7	273
7 8	29.0	2321.0	775.0	7.2	2 9	42.4	7.4	-5.0	-5 4	301 5	318 5	6 1	74 0	2 0	264
8 8	31.7	2590.6	750.0	5.6	-0 2	46 7	7.0	-5.1	-4 8	302 6	316 8	5 0	66 3	2 3	257
9.6	34.3	2867.3	725.0	4 1	-2.3	50.3	6 4	-4 9	-4 1	303.9	316 7	4 5	63 0	2 6	254
10.6	37.1	3151.9	700 0	2 2	-4.7	62 3	4.8	-4 3	-2 2	304.9	316 1	3 9	60 4	2 9	251
11 7	39.9	3445.0	675.0	0.4	-2 7	90 4	2.3	-2 3	0 0	306 1	319 5	4 7	80 0	3 2	251
12 7	42.8	3747.4	650.0	-1.2	-1.2	149.0	0.8	-0 4	0.7	307 6	323 1	5 4	100 0	3 2	252
13 7	45.7	4059.7	625.0	-3 4	-3 4	217 6	1 0	0 6	0 8	308.6	322 5	4 8	99.8	3 2	253
14 7	48.8	4381.6	600 0	-5.6	-5.8	270.1	3.0	3 0	-0 0	309 6	321 8	4.2	99.0	3 1	253
15 9	51.9	4715.1	575 0	-7.3	-13.3	269.9	4 2	4 2	0 0	311.4	318.8	2 4	62.7	2 9	250
17 0	55.1	5061.0	550.0	-8 2	-13 3	213 2	5 0	2 [illegible]	4 2	314.3	322 0	2 5	67 1	2 6	250
18 3	58.4	5420.9	525.0	-10 7	-12 8	203 6	6.6	2.7	6 1	315.6	324 0	2 7	84 3	2 3	260
19.6	61 7	5794.9	500.0	-13.1	-13.3	220 1	7.8	5 0	6.0	317 1	325 7	2 8	98 6	2 0	271
20.9	65.3	6183.9	475.0	-15.8	-16.6	228 8	9 0	6 7	5 9	318 4	325 4	2 2	94 0	1 6	289
22 3	68.9	6590.0	450.0	-17.4	-23.1	238.1	11.0	9.4	5 8	321.4	325 7	1 3	60.8	1.3	320
23 9	72.6	7016.0	425.0	-20.7	-28.9	233.0	13.6	10.8	8.2	322 5	325 3	0 8	47 4	1.6	5
25 5	76.4	7461.6	400.0	-24.1	-27 7	227.3	14 4	10 6	9.7	323.6	326 9	1 0	72 1	2.8	24
26.8	80.5	7929.9	375.0	-26.9	-31.8	233.9	15.8	12.8	9.3	326 0	328.5	0.7	62.9	3 9	32
28 5	84.7	8424.2	350.0	-30.9	-36 8	237 2	16.9	14.2	9 1	327 1	328 8	0 5	55 5	5 4	39
30 1	89.0	8945.3	325.0	-35.3	-40.4	237.9	16.8	14 2	8 9	328 0	329 3	0 3	58 8	7 0	43
31 8	93.6	9498.4	300.0	-39.5	99.9	237 5	21.1	17.8	11 4	329 6	999 9	99 9	999 9	8 8	47
33 7	98.5	10087.4	275.0	-44.7	99.9	235 9	26 3	21 8	14 7	330 5	999 9	99 9	999 9	11 5	49
35 6	103.5	10718.7	250.0	-49.4	99 9	236 0	31 1	25 8	17.4	332 6	999 9	99 9	999 9	14 7	50
37 6	109.0	11400.2	225.0	-55 3	99.9	235.9	35 6	29.5	20 0	333 7	999 9	99.9	999.9	18 8	52
39 5	114.7	12139.7	200.0	-61 9	99 9	241 5	32.3	28 4	15 4	334 7	999 9	99 9	999 9	22 8	53
42 3	121.0	12962.3	175.0	-63 6	99.9	248.0	23.2	21.5	8 7	345 0	999 9	99 9	999 9	27 1	55
45 3	127.5	13904.7	150.0	-62.7	99.9	246.9	20 8	19 1	8 2	362 2	999 9	99 9	999 9	30 9	56
49 4	134.5	15026.8	125.0	-63.6	99 9	263.5	21 2	21 1	2 4	379 9	999 9	99 9	999 9	35 7	59
54 5	142.0	16393.6	100.0	-64 4	99 9	278 9	17.0	16.8	-2 6	403 4	999 9	99 9	999 9	40 8	64
61 6	150.3	18151.7	75.0	-63.9	99 9	293.4	11.2	10 3	-4 5	439 1	999 9	99 9	999 9	45 6	68
70 9	158.7	20657.8	50.0	-59.2	99 9	0 7	4.2	-0 1	-4 2	504 2	999 9	99 9	999 9	46 6	72
84 5	167 7	25112.0	25.0	-49.5	99 9	321.5	5.0	3.1	-3 9	642.9	999 9	99 9	999 9	45 8	73.

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 240
LAKE CHARLES, LOUISIANA

1 MAY 1982
1416 GMT

166 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	5.0	1019.8	20.0	18.5	80.0	2.6	-2.6	-0.5	291.5	325.5	13.3	91.0	0.0	0
0.6	8.9	175.1	1000.0	20.7	19.2	999.9	99.9	99.9	99.9	293.8	330.5	14.2	91.5	999.9	999
1.2	9.1	394.6	975.0	20.5	12.1	999.9	99.9	99.9	99.9	295.8	320.1	9.2	58.8	999.9	999
2.0	11.4	619.0	950.0	19.5	10.3	999.9	99.9	99.9	99.9	297.0	319.5	8.4	55.8	0.4	290
2.7	13.8	847.7	925.0	18.8	13.0	113.9	3.6	-3.3	1.5	296.5	323.7	10.3	78.5	0.6	292
3.5	16.1	1081.6	900.0	16.2	11.5	82.8	3.0	-3.0	-0.4	298.2	323.7	9.5	73.7	0.8	291
4.3	18.5	1321.1	875.0	15.0	8.1	55.7	4.4	-3.6	-2.5	299.4	320.6	7.8	63.3	0.9	283
5.0	21.0	1565.9	850.0	13.1	8.2	41.5	6.0	-4.0	-4.5	299.9	321.9	8.1	72.3	1.0	274
5.8	23.5	1816.4	825.0	10.9	5.6	36.3	8.0	-4.7	-6.4	300.1	319.5	7.0	70.8	1.3	259
6.7	26.0	2072.8	800.0	9.0	6.3	35.9	8.8	-5.2	-7.1	300.7	321.4	7.5	83.3	1.6	248
7.6	28.6	2335.5	775.0	7.6	2.6	38.2	8.6	-5.3	-6.8	302.0	318.7	6.0	70.4	2.0	241
8.4	31.1	2605.3	750.0	6.0	1.0	35.9	7.9	-4.6	-6.4	303.2	318.7	5.5	70.0	2.4	237
9.2	33.8	2882.5	725.0	4.1	-0.3	32.4	6.9	-3.7	-5.9	303.9	318.7	5.2	73.2	2.7	234
10.1	36.8	3167.4	700.0	2.5	-5.3	26.2	5.8	-2.6	-5.2	305.3	316.0	3.7	56.2	3.0	232
11.0	39.3	3460.4	675.0	0.1	-7.7	37.5	5.4	-3.3	-4.3	305.7	315.1	3.2	55.7	3.3	229
12.1	42.2	3761.6	650.0	-2.6	-8.8	66.2	5.2	-4.7	-2.1	306.0	314.9	3.0	62.2	3.7	230
13.0	45.1	4071.9	625.0	-3.7	-5.2	102.9	4.1	-4.0	0.9	308.3	320.5	4.2	89.2	3.9	232
14.0	48.1	4394.3	600.0	-5.3	-5.7	119.4	2.9	-2.5	1.4	310.0	322.3	4.2	97.1	4.0	235
15.1	51.3	4727.4	575.0	-7.6	-8.7	133.3	1.4	-1.1	1.0	311.1	321.5	3.5	91.8	4.1	236
16.2	54.4	5072.8	550.0	-9.1	-9.2	209.5	3.8	1.9	3.3	313.3	323.8	3.5	99.1	4.0	237
17.4	57.7	5432.9	525.0	-10.0	-10.1	208.4	7.8	3.7	6.9	316.4	326.7	3.4	99.0	3.6	240
18.7	61.0	5808.1	500.0	-12.2	-12.3	212.0	8.3	4.4	7.0	318.2	327.4	3.0	98.7	3.0	247
20.1	64.6	6198.7	475.0	-15.3	-15.9	226.7	6.6	4.8	4.5	319.1	328.5	2.3	94.9	2.5	254
21.3	68.1	6604.7	450.0	-18.7	-23.2	233.0	6.0	4.8	3.6	319.8	324.1	1.3	67.4	2.1	258
22.6	72.0	7029.1	425.0	-21.0	-25.1	217.3	10.7	6.5	8.5	322.1	326.0	1.2	69.2	1.6	273
24.3	75.8	7475.4	400.0	-23.6	-26.1	217.6	14.4	8.8	11.4	324.3	328.1	1.1	79.6	1.4	321
25.9	80.0	7942.7	375.0	-28.3	-36.8	215.8	15.8	9.2	12.8	324.2	325.7	0.4	43.4	2.2	0
27.6	84.2	8434.1	350.0	-32.2	-45.9	228.2	14.7	11.0	9.8	325.3	326.0	0.2	23.8	3.6	15
29.2	88.7	8953.4	325.0	-35.8	-51.6	245.7	16.6	15.2	6.9	327.3	327.7	0.1	17.8	4.7	28
31.1	93.5	9504.3	300.0	-40.5	99.9	240.8	18.0	15.7	8.8	328.3	999.9	99.9	999.9	6.4	39
33.1	98.4	10090.5	275.0	-45.8	99.9	236.7	23.7	19.8	13.0	328.9	999.9	99.9	999.9	8.7	44
35.2	103.5	10720.4	250.0	-49.0	99.9	228.4	29.6	22.1	19.6	333.3	999.9	99.9	999.9	12.2	47
37.6	109.0	11405.0	225.0	-53.[illegible]	99.9	222.8	30.6	20.8	22.4	335.9	999.9	99.9	999.9	16.5	46
40.2	114.8	12153.3	200.0	-58.7	99.9	231.6	30.5	23.9	18.8	339.8	999.9	99.9	999.9	21.4	46
43.2	121.0	12985.6	175.0	-61.0	99.9	242.1	25.5	22.5	11.9	349.3	999.9	99.9	999.9	26.5	48
46.7	127.7	13947.9	150.0	-59.6	99.9	260.0	19.8	19.5	3.4	367.5	999.9	99.9	999.9	30.8	51
50.7	134.7	15088.5	125.0	-61.3	99.9	263.0	17.2	17.1	2.1	384.0	999.9	99.9	999.9	34.5	55
55.3	142.3	16465.2	100.0	-62.4	99.9	279.5	16.9	16.7	-2.6	407.2	999.9	99.9	999.9	38.4	59
61.0	150.0	18237.4	75.0	-62.1	99.9	306.3	9.4	7.6	-5.6	442.8	999.9	99.9	999.9	41.7	64
68.7	158.3	20787.8	50.0	-57.6	99.9	276.7	3.5	3.5	-0.4	508.0	999.9	99.9	999.9	41.6	66
80.9	166.7	25239.5	25.0	-49.3	99.9	121.7	2.5	-2.1	1.3	643.4	999.9	99.9	999.9	41.6	68

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ORIGINAL PAGE IS
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STATION NO 240
LAKE CHARLES, LOUISIANA

1 MAY 1982
1715 GMT

171 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.6	5.0	1021.2	23.3	18.8	70.0	3.1	-2.9	-1.1	294.7	329.8	13.6	76.0	0.0	0
0.2	6.6	187.0	1000.0	22.3*	99.9	999.9	99.9	99.9	99.9	295.5	999.9	99.9	999.9	999.9	999.
0.6	8.9	406.8	975.0	20.8	19.2	999.9	99.9	99.9	99.9	296.1	333.9	14.6	90.8	999.9	999.
1.4	11.3	631.1	950.0	17.2	16.4	999.9	99.9	99.9	99.9	294.6	327.1	12.5	95.0	999.9	999
2.2	13.7	853.9	925.0	16.6	11.0	999.9	99.9	99.9	99.9	296.3	320.2	9.0	69.7	999.9	999
3.0	16.1	1092.1	900.0	15.0	13.2	999.9	99.9	99.9	99.9	297.0	325.3	10.7	89.2	999.9	999
3.9	18.7	1330.6	875.0	13.7	9.1	999.9	99.9	99.9	99.9	298.0	320.5	8.4	74.1	999.9	999
4.9	21.2	1574.7	850.0	12.1	10.4	999.9	99.9	99.9	99.9	298.8	324.1	9.4	89.5	999.9	999
5.8	23.7	1824.4	825.0	10.6	3.5	66.0	6.7	-6.2	-2.7	299.8	316.3	6.0	61.1	1.6	247
6.7	26.3	2080.8	800.0	9.5	5.3	64.9	7.1	-6.4	-3.0	301.3	320.7	7.0	75.0	2.0	248
7.7	29.0	2343.7	775.0	7.5	2.6	53.0	7.0	-5.6	-4.2	301.9	318.6	6.0	70.8	2.4	246
8.7	31.7	2613.4	750.0	5.8	-1.1	46.4	5.9	-4.3	-4.1	302.9	316.3	4.7	61.4	2.8	244
9.7	34.3	2890.0	725.0	3.4	-2.0	59.3	5.7	-4.9	-2.9	303.2	316.3	4.6	67.9	3.1	242
10.8	37.1	3173.8	700.0	1.0	-3.2	63.2	5.1	-4.5	-2.3	303.6	316.1	4.3	73.5	3.5	242
11.9	40.0	3465.6	675.0	-0.8	-5.2	55.5	4.4	-3.6	-2.5	304.7	315.9	3.9	72.4	3.8	242
12.8	42.9	3766.1	650.0	-3.3	-5.8	66.1	3.5	-3.2	-1.4	305.3	316.5	3.8	82.9	4.0	242
13.9	45.8	4076.1	625.0	-3.9	-4.9	126.2	1.7	-1.4	1.0	308.0	320.5	4.3	92.6	4.1	242
15.1	48.9	4398.3	600.0	-5.1	-6.6	188.0	1.7	0.2	1.7	310.2	321.7	3.9	88.9	4.1	244
16.2	52.0	4732.0	575.0	-7.1	-8.3	201.1	1.8	0.7	1.7	311.7	322.3	3.6	91.1	4.0	245
17.5	55.3	5076.1	550.0	-8.7	-10.3	233.5	2.9	2.3	1.7	313.7	323.4	3.2	88.5	3.9	246
18.5	58.5	5437.8	525.0	-10.9	-12.7	257.0	5.8	5.7	1.3	315.3	323.8	2.7	86.5	3.6	246
19.7	62.0	5811.4	500.0	-12.9	-15.2	245.5	6.6	6.0	2.7	317.3	324.7	2.4	83.0	3.2	244
20.8	65.4	6201.2	475.0	-15.4	-17.7	219.5	7.9	5.0	6.1	318.9	325.3	2.0	82.2	2.7	248
22.2	69.1	6607.7	450.0	-18.1	-20.7	208.4	11.2	5.3	9.8	320.5	325.8	1.6	79.7	2.1	260
23.6	72.8	7032.6	425.0	-21.3	-25.3	213.8	12.5	6.9	10.4	321.7	325.6	1.1	69.9	1.6	287
25.1	76.7	7476.5	400.0	-24.8	-39.4	210.3	12.0	6.1	10.3	322.8	323.9	0.3	24.3	1.7	324
26.8	80.8	7942.8	375.0	-28.7	-42.7	217.3	11.9	7.2	9.5	323.6	324.4	0.2	24.8	2.5	351
28.5	85.0	8432.8	350.0	-32.8	-43.8	234.2	12.2	9.9	7.1	324.6	325.4	0.2	31.8	3.3	9
30.4	89.5	8949.7	325.0	-37.0	-44.0	233.9	14.4	11.7	8.5	325.6	326.5	0.2	47.7	4.4	23
32.3	94.2	9497.2	300.0	-41.9	99.9	235.2	18.7	15.4	10.7	326.3	999.9	99.9	999.9	6.1	32
34.2	99.0	10080.5	275.0	-46.8	99.9	233.9	21.4	17.3	12.6	327.5	999.9	99.9	999.9	8.3	39
36.4	104.3	10706.0	250.0	-51.0	99.9	230.6	24.6	19.0	15.6	330.3	999.9	99.9	999.9	11.2	42
38.8	109.8	11385.6	225.0	-54.2	99.9	237.3	29.4	24.7	15.9	335.4	999.9	99.9	999.9	15.1	45
41.6	115.7	12137.5	200.0	-56.7	99.9	241.0	24.9	21.8	12.0	343.1	999.9	99.9	999.9	19.7	49
44.4	121.7	12979.9	175.0	-58.3	99.9	240.7	21.9	19.1	10.7	353.7	999.9	99.9	999.9	23.3	50
47.9	128.5	13950.7	150.0	-58.6	99.9	263.3	19.7	19.6	2.3	369.1	999.9	99.9	999.9	27.6	54
51.8	135.7	15089.4	125.0	-61.7	99.9	274.9	18.4	18.3	-1.6	383.4	999.9	99.9	999.9	31.4	58
56.8	143.3	16465.9	100.0	-63.5	99.9	279.8	13.9	13.7	-2.4	405.1	999.9	99.9	999.9	34.7	63
62.8	151.5	18238.8	75.0	-62.4	99.9	275.7	9.7	9.3	-2.6	442.2	999.9	99.9	999.9	38.4	68
70.4	160.0	20754.7	50.0	-58.7	99.9	280.2	2.6	2.5	-0.5	505.2	999.9	99.9	999.9	39.9	69
83.0	169.0	25199.3	25.0	-48.7	99.9	999.9	99.9	99.9	99.9	644.8	999.9	99.9	999.9	39.4	71

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5 0	5.0	1019.5	23.3	17 7	60 0	3 6	-3.1	-1 8	294 8	327 8	12 7	71 0	0 0	0
0.7	6 9	173.4	1000.0	21 8	16.3	59 4	4 1	-3.5	-2 1	294 9	325 6	11 7	70 9	0 2	229
1 5	9 4	393.2	975.0	19.9	17 0	52 4	3 4	-2.7	-2 1	295 2	328 1	12.6	83 2	0 4	234
2.3	11 8	617 1	950.0	17 8	15 3	44 8	3 5	-2 5	-2 5	295 3	325 8	11 6	85.2	0 6	232
3 2	14.3	845.1	925.0	18.3	10.5	43 3	4 7	-3.2	-3 4	296 0	319 1	8 7	68 5	0 7	230
4.1	16.7	1078 5	900.0	15.5	10.6	44 7	7.0	-4 9	-5 0	297 5	321 5	8 9	72 2	1 1	228
5.1	19 3	1317.1	875.0	13 7	8 9	40 1	6 5	-4.2	-4 9	298 1	320 2	8 2	72 1	1 5	225
6 2	21.9	1561.3	850.0	12.4	6 6	53 7	7 4	-6 0	-4 4	299 2	318 9	7 2	67 3	1.9	226
7.0	24.4	1811.5	825.0	11 3	5 8	73 7	7 3	-7 0	-2 0	300 6	320 0	7 1	68 8	2 3	229
8.0	27 1	2068.3	800 0	10.0	2 4	83 9	6 2	-6.1	-0 7	301 9	317 9	5 7	59 1	2 6	234
9.1	29 7	2332.0	775 0	8 4	1.2	73.3	6.6	-6 3	-1 9	302 9	318 1	5 4	60 3	3 0	237
10.0	32 3	2602.5	750.0	6.9	-0 2	77 1	5.7	-5 6	-1.3	304.1	318 4	5 0	60 6	3 4	239
11.0	35.1	2880 5	725.0	5.2	-0.8	100.6	4.9	-4 8	0 9	305 1	319 4	5 0	65 4	3 6	241
12.0	37 8	3166.4	700 0	3 1	-1.8	130 0	5.4	-4.1	3.4	306.0	319 8	4 8	69 8	3.8	244
13.0	40.6	3460 3	675.0	0.8	-2.4	142 9	5 2	-3 1	4 1	306 6	320 4	4 8	79 0	3 9	249
14.1	43.4	3752.7	650.0	-1 5	-3.4	145 1	4 2	-2.4	3 5	307 3	320 6	4 6	86 9	4 0	253
15.2	46.3	4074.8	625.0	-2.8	-4.6	144 9	2 3	-1 3	1 9	309 2	322 0	4 4	87 9	4 1	256
16.4	49 3	4397.8	600.0	-4.5	-6.7	229 6	1 0	0 8	0 7	310 9	322 4	3 9	84 5	4 1	257
17.6	52.3	4732 5	575.0	-6.0	-9 4	320 0	3 5	2 2	-2 7	312 9	322 8	3 3	76 9	4 1	256
18 9	55 1	5079 3	550.0	-8 4	-11 5	304 1	4 6	3 8	-2 6	314 1	323 0	2 9	78 3	3 9	252
20.1	58 4	5439 1	525 0	-11.0	-13.3	277 0	4.5	4.4	-0 5	315 2	323 3	2 6	83 4	3 6	248
21 6	61 6	5812 7	500.0	-13 2	-16.4	252.5	6 5	6 2	2 0	316 9	323 6	2 1	76 7	3 2	246
23.1	64.8	6201.5	475.0	-15.8	-20 6	251.8	8 2	7 8	2 6	318 4	323 4	1 5	65.2	2 5	245
24.6	68 1	6607.2	450 0	-18 9	-25.0	256 0	9.1	8 8	2 2	319 5	323 2	1 1	58 1	1 7	241
26.1	71.5	7030.5	425 0	-22 2	-29 2	251 5	9 7	9.2	3 1	320 6	323 3	0 8	52 5	1 0	228
27.6	75.0	7473.5	400.0	-25.2	-32 6	241 2	7.8	6 8	3 7	322 3	324 4	0 6	49.5	0 3	173
29 4	78.6	7938.9	375.0	-29 1	-38.2	242 3	6 1	5 4	2 8	323 1	324 5	0 4	40 7	0 6	84
31.1	82.3	8427 9	350.0	-33 4	-43 1	999 9	99 9	99 9	99 9	323 8	324.7	0 2	36 5	999 9	999
32 9	86 0	8943 6	325.0	-37.7	-47 8	999 9	99 9	99.9	99 9	324 7	325 3	0 2	33 5	999.9	999
34.9	90 0	9490.4	300.0	-42.2	99.9	999.9	99 9	99 9	99 9	325 9	999 9	99 9	999 9	999 9	999
36.9	94.2	10073 9	275.0	-46 0	99.9	273 2	11 5	11.4	-0 6	328 6	999 9	99 9	999 9	3 7	82
38.9	98.6	10700.9	250.0	-50 6	99.9	277.2	14.9	14.8	-1 9	330 6	999 9	99 9	999 9	5 3	88
41.3	103.2	11382 7	225 0	-53 2	99 9	266 1	16.1	16 1	1 1	337 1	999 9	99 9	999 9	7 5	88
43.8	108.2	12138.8	200 0	-54.5	99 9	262 9	17 9	17 7	2 2	346 5	999 9	99 9	999 9	10 0	87
46 7	113.7	12989 8	175.0	-56.7	99 9	265 5	24 4	24 3	1 9	356 4	999 9	99 9	999 9	13 6	86
49 9	119 5	13962 9	150.0	-57 5	99 9	275 5	19 6	19 5	-1.9	371 1	999 9	99 9	999 9	18 2	87
53.9	126 0	15103 4	125.0	-61.7	99 9	279 3	18 2	17 9	-2 9	383 2	999 9	99 9	999 9	22 3	89
58.7	133 3	16482 7	100 0	-62.2	99 9	277.9	15 0	14 9	-2 1	407 7	999 9	99 9	999 9	27 0	91
64.9	142 0	18252 1	75.0	-61.7	99.9	284 6	10 9	10 7	-2 4	443 5	999 9	99 9	999 9	32 2	92
72 5	151 7	20772.1	50 0	-59.0	99.9	312 2	3 4	2 5	-2 3	504 6	999 9	99 9	999 9	34 6	92
84.8	162.5	25221 3	25 0	-49 6	99 9	999 9	99 9	99 9	99 9	642 3	999.9	99 9	999 9	34 6	95

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 240
LAKE CHARLES, LOUISIANA

1 MAY 1982
2300 GMT

175 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	5.0	1019.1	22.2	16.8	30.0	4.1	-2.0	-3.6	294.4	325.5	11.9	69.0	0.0	0
0.6	6.9	169.6	1000.0	21.2	15.3	16.9	4.8	-1.4	-4.6	294.4	323.2	11.0	69.1	0.2	196
1.3	9.7	388.6	975.0	19.4	14.0	18.9	5.5	-1.8	-5.2	294.7	322.1	10.4	70.9	0.4	197
2.0	12.5	612.5	950.0	18.6	12.9	19.9	4.2	-1.4	-3.9	296.1	322.5	10.0	69.9	0.6	198
2.9	15.3	841.0	925.0	16.7	14.3	29.2	4.0	-1.9	-3.5	296.4	325.8	11.1	85.6	0.8	199
3.8	18.2	1074.4	900.0	15.2	10.4	32.1	5.5	-2.9	-4.7	297.2	320.9	8.9	73.0	1.1	202
4.5	21.1	1312.9	875.0	13.9	8.8	34.8	6.2	-3.5	-5.1	298.2	320.4	8.2	71.5	1.3	204
5.4	23.9	1557.0	850.0	12.3	7.7	34.3	6.2	-3.5	-5.1	299.0	320.2	7.8	73.7	1.6	206
6.1	26.8	1807.0	825.0	10.7	6.1	31.9	5.4	-2.9	-4.6	299.9	319.6	7.2	72.9	1.9	208
6.9	29.7	2063.0	800.0	8.6	6.3	31.9	4.2	-2.2	-3.6	300.3	321.0	7.5	85.6	2.1	208
7.8	32.6	2325.2	775.0	6.3	5.2	48.6	3.5	-2.6	-2.3	300.8	320.5	7.2	92.8	2.3	209
8.7	35.6	2593.9	750.0	5.0	1.3	67.7	4.0	-3.7	-1.5	302.0	317.8	5.8	77.0	2.5	211
9.6	38.6	2870.3	725.0	3.5	0.0	96.6	3.4	-3.4	0.4	303.4	318.4	5.3	77.7	2.6	214
10.6	41.7	3155.0	700.0	1.8	-0.2	140.0	3.5	-2.3	2.7	304.5	319.8	5.4	86.6	2.6	218
11.5	44.8	3447.7	675.0	-0.0	-1.1	160.5	3.9	-1.3	3.6	305.6	320.7	5.3	92.9	2.6	223
12.7	48.0	3749.7	650.0	-1.6	-3.2	183.3	2.1	0.1	2.1	306.9	320.4	4.7	90.0	2.4	227
13.6	51.1	4061.6	625.0	-3.1	-4.6	290.8	1.1	1.0	-0.4	308.9	321.6	4.4	89.4	2.4	227
14.7	54.3	4384.2	600.0	-5.1	-6.7	342.6	2.8	0.8	-2.7	310.3	321.7	3.9	88.0	2.5	225
15.8	57.5	4718.3	575.0	-6.6	-9.6	329.7	4.3	2.2	-3.7	312.2	321.9	3.2	79.2	2.6	220
17.0	60.9	5064.4	550.0	-8.7	-12.3	321.2	4.9	3.1	-3.8	313.8	322.1	2.7	75.2	2.6	213
18.1	64.3	5423.8	525.0	-11.3	-14.9	330.1	4.6	2.3	-4.0	314.8	322.0	2.3	74.4	2.8	207
19.3	67.8	5796.7	500.0	-13.8	-16.2	327.5	4.0	2.2	-3.4	316.2	322.9	2.2	82.1	3.0	202
20.7	71.1	6184.6	475.0	-16.3	-19.0	330.2	5.1	2.5	-4.4	317.6	323.5	1.8	80.0	3.2	197
22.1	74.7	6589.1	450.0	-19.3	-22.4	338.2	7.2	2.7	-6.7	318.9	323.5	1.4	76.3	3.6	191
23.5	78.4	7012.1	425.0	-22.1	-26.6	326.3	9.9	5.5	-8.2	320.6	323.5	0.9	56.0	4.2	185
25.1	82.2	7455.6	400.0	-25.2	-34.7	328.1	11.3	6.0	-9.6	322.2	324.0	0.5	40.6	5.1	177
26.7	86.0	7921.0	375.0	-28.8	-37.6	326.3	12.5	7.0	-10.4	323.5	324.9	0.4	42.1	6.1	172
28.4	90.0	8410.6	350.0	-33.0	-41.1	320.6	14.2	9.0	-11.0	324.2	325.3	0.3	43.9	7.3	167
30.2	94.2	8926.9	325.0	-37.6	99.9	318.2	14.9	10.3	-10.7	324.9	999.9	99.9	999.9	8.7	162
32.0	98.3	9473.5	300.0	-42.4	99.9	309.7	15.3	11.8	-9.8	325.7	999.9	99.9	999.9	10.1	158
33.8	102.6	10055.8	275.0	-47.0	99.9	295.1	17.3	15.6	-7.3	327.1	999.9	99.9	999.9	11.6	153
36.1	107.5	10680.5	250.0	-51.8	99.9	304.0	19.5	16.2	-10.9	329.0	999.9	99.9	999.9	13.6	147
38.6	112.4	11359.1	225.0	-53.9	99.9	312.3	22.4	16.6	-15.1	335.9	999.9	99.9	999.9	16.8	143
41.1	117.6	12112.8	200.0	-56.2	99.9	300.8	22.2	19.1	-11.4	343.9	999.9	99.9	999.9	20.2	142
44.3	123.2	12952.7	175.0	-60.1	99.9	282.1	24.1	23.6	-5.1	350.8	999.9	99.9	999.9	23.8	135
48.2	129.2	13921.4	150.0	-58.6	99.9	282.0	22.9	22.4	-4.8	369.2	999.9	99.9	999.9	28.7	129
52.4	135.7	15057.9	125.0	-62.4	99.9	279.8	18.5	18.2	-3.1	381.9	999.9	99.9	999.9	33.5	125
57.8	143.0	16430.8	100.0	-63.1	99.9	271.8	16.5	16.5	-0.5	405.8	999.9	99.9	999.9	38.4	121
64.0	151.5	18195.8	75.0	-63.5	99.9	276.2	10.4	10.4	-1.1	439.9	999.9	99.9	999.9	43.3	118
72.7	161.0	20694.1	50.0	-60.6	99.9	335.3	3.9	1.6	-3.5	500.8	999.9	99.9	999.9	45.8	117
85.7	171.0	25126.2	25.0	-52.5	99.9	338.4	5.8	2.2	-5.4	633.7	999.9	99.9	999.9	46.0	120

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

STATION NO 240
LAKE CHARLES, LOUISIANA

2 MAY 1982
200 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 T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 3	5 0	1019 1	18 9	18 7	70 0	2 6	-2 4	-0 9	290 5	320 8	11 8	87 0	0 0	0
0 6	6 9	169 1	1000 0	21 8	13 2	40 7	6 8	-4 4	-5 1	29[illegible] 9	320 2	9 6	58 4	0 2	[illegible]9
1 3	9 1	388 5	975 0	20 8	10 7	35 4	6 6	-3 8	-5 4	295 9	318 1	8 3	53 0	0 5	[illegible]
2 2	11 4	612 8	950 0	19 8	9 7	38 2	7 4	-4 8	-5 8	297 3	318 9	8 0	52 0	0 8	[illegible]
3 1	13 6	841 8	925 0	17 5	10 1	43 8	7 9	-5 5	-5 7	297 3	320 0	8 5	61 9	1 2	218
3 9	15 9	1075 8	900 0	16 0	10 3	41 7	8 2	-5 4	-6 1	298 0	321 6	8 8	68 5	[illegible]	[illegible]
4 7	18 2	1314 8	875 0	13 8	8 8	[illegible]2 4	7 9	-5 3	-5 8	298 2	320 2	8 2	71 8	2 0	220
5 5	20 6	1558 7	850 0	12 4	7 0	43 4	7 3	-5 3	-5 1	299 2	319 5	7 5	69 6	2 4	[illegible]
6 4	22 9	1808 8	825 0	11 0	4 5	49 1	5 7	-4 3	-3 7	300 2	318 0	6 4	64 4	2 8	[illegible]
7 2	25 4	2065 2	800 0	9 3	4 4	60 5	4 5	-3 9	-2 2	301 1	319 2	6 6	71 3	3 0	222
8 1	27 8	2328 1	775 0	7 6	2 6	84 5	3 6	-3 8	-0 3	301 9	318 6	6 0	70 7	3 2	224
9 1	30 4	2598 0	750 0	6 2	0 2	134 0	1 7	-1 2	1 2	303 4	318 0	5 2	64 9	3 3	[illegible]
10 1	32 9	2875 1	725 0	4 0	0 1	238 0	2 4	2 0	1 3	303 9	318 9	5 3	75 4	3 3	[illegible]
11 1	35 6	3160 0	700 0	2 5	-0 7	264 0	3 6	3 6	0 4	305 2	320 1	5 2	78 2	3 1	225
12 2	38 2	3453 8	675 0	1 0	-2 6	289 4	3 2	3 0	-1 1	306 8	320 4	4 7	76 5	2 9	[illegible]
13 4	41 0	3758 4	650 0	-0 9	-3 8	303 7	3 0	2 5	-1 7	308 0	321 0	4 5	80 6	2 9	[illegible]
14 5	43 8	4068 7	625 0	-3 3	-4 9	312 1	3 7	2 8	-2 5	308 7	321 2	4 3	88 6	2 9	[illegible]
15 7	46.7	4381 3	600 0	-5 0	-6 7	323 4	3 8	2 2	-3 0	310 3	321 8	3.9	87 9	3 0	208
16.9	49 7	4724 7	575.0	-7 4	-8 5	343 1	4 1	1 2	-4 0	311 3	321 8	3 5	91 9	3 1	204
18.0	52 7	5070 2	550.0	-9 5	-11 3	355 1	6 1	0 5	-6 0	312 9	321 8	2 9	86 3	3 4	[illegible]
19 3	55 9	5428 8	525 0	-11 0	-14 6	348 7	6 7	1 3	-8 8	315 2	322 5	2 4	75 1	3 9	199
20.6	59 0	5801 4	500 0	-14 1	-18 9	348 8	7 3	1 4	-7 2	315 9	322 3	2 0	78 8	4 4	194
22 1	62 4	6188 6	475 0	-18 1	-21 0	347 3	7 9	1 7	-7 7	318 1	322 9	1 5	65 5	5 0	19[illegible]
23 8	65 9	6596 2	450 0	-18 2	-25 1	334 4	8 7	3 7	-7.8	320 4	324 0	1 1	54 3	5 7	[illegible]
25 2	69.4	7019 9	425 0	-21 0	-31 6	328 6	9 6	5 0	-8 2	322 1	324 3	0 6	37 5	6 4	182
27 0	73 2	7465.7	400 0	-23 7	-40 8	331 8	10 8	5 1	-9 5	324 2	325 2	0 3	18 8	7 3	[illegible]
28 8	77 0	7933 4	375 0	-27 6	-43 9	327 9	11 6	6 2	-9 8	325 0	325 8	0 2	19 4	8 4	[illegible]
30 9	81 2	8425 1	350.0	-32 2	-47 7	324 3	11 9	6 9	-9 7	325 3	325 8	0.1	19 6	9 7	[illegible]
33 0	85 3	8943 6	325.0	-38 6	-51 2	320 7	12 6	8 0	-9.7	326 3	326 6	0.1	20 1	11 2	168
35.1	89 8	9492 4	300 0	-41 8	99 9	311 0	14 9	11 3	-9 8	328 7	999 9	99 9	999 9	12 8	162
37 9	94 6	10078 3	275 0	-45 1	99 9	309 8	18.5	15 0	-12 5	330 0	999 9	99 9	999 9	15 1	156
40 6	99 6	10700 2	250 0	-50 1	99.9	305 3	23 8	19 5	-13 8	331 6	999 9	99 9	999 9	18 3	151
43 3	104 6	11388 8	225.0	-54 5	99 9	299.1	25.1	22 0	-12 2	335 0	999 9	99 9	999 9	21 5	145
46.4	110 5	12135 7	200 0	-56 3	99 9	294 8	27 6	25 1	-11 5	338 9	999 9	99.9	999 9	26 4	14[illegible]
49 7	116 5	12960 1	175 0	-60 6	99 9	289 8	27.5	25 9	-9 3	350 0	999 9	99 9	999 9	31 2	135
53 7	123 0	13929 3	150.0	-60 2	99 9	288 5	26 0	24 5	-8 7	366 4	999 9	99 9	999 9	37 1	132
58 4	130 0	15060 4	125 0	-62 4	99 9	285.0	22 2	21 5	-5 7	382 1	999 9	99 9	999 9	43 2	129
64 2	137.3	16433 4	100 0	-64 0	99 9	282 6	17 1	16 7	-3 7	404 2	999 9	99 9	999 9	49 3	125
71 2	145 3	18193 5	75 0	-64 0	99 9	280 0	10 0	9 8	-1 7	438 8	999 9	99 9	999 9	54 8	122
80 3	153.7	20081.8	50.0	-60.1	99 9	1 5	4.8	-0 1	-4 8	501 9	999 9	99 9	999 9	57 5	122
96 3	162 0	25073 0	25 0	-53 0	99 9	146 9	0 0	-0 0	0 0	632 3	999 9	99.9	999 9	56 4	124

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

STATION NO 240
LAKE CHARLES, LOUISIANA

2 MAY 1982
500 GMT

162 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	5.0	1020.1	17.2	16.7	60.0	2.1	-1.8	-1.0	288.7	318.8	11.8	97.0	0.0	0
0.5	7.4	178.8	1000.0	20.0	16.9	71.2	9.3	-8.8	-3.0	293.2	324.9	12.3	82.5	0.3	247
1.2	9.8	395.9	975.0	19.4	14.7	71.3	8.4	-8.0	-2.7	294.7	323.2	10.9	74.2	0.7	249
2.0	12.3	619.3	950.0	19.0	11.9	74.9	7.1	-6.9	-1.8	296.4	321.1	9.3	63.5	1.0	250
2.8	14.8	848.0	925.0	17.2	10.6	78.6	5.3	-5.2	-1.2	296.9	320.2	8.7	65.3	1.3	252
3.6	17.4	1081.7	900.0	15.7	8.9	73.2	5.0	-4.8	-1.5	297.7	319.3	8.0	63.7	1.6	252
4.5	19.9	1320.6	875.0	14.1	7.7	63.8	5.3	-4.7	-2.4	298.4	319.0	7.6	65.3	1.9	252
5.3	22.5	1565.1	850.0	12.8	6.0	54.4	5.5	-4.5	-3.2	299.4	318.4	6.9	64.0	2.1	250
6.1	25.1	1815.3	825.0	10.9	6.7	48.1	5.3	-3.8	-3.7	300.1	320.6	7.5	75.4	2.3	248
7.0	27.7	2071.7	800.0	9.2	5.1	38.[illegible]	4.0	-2.5	-3.1	300.9	319.9	6.9	75.5	2.5	246
7.9	30.3	2334.4	775.0	7.2	3.0	36.3	3.0	-1.8	-2.5	301.6	318.7	6.1	74.3	2.7	243
8.8	33.0	2603.6	750.0	5.6	0.9	28.5	2.1	-1.0	-1.8	302.7	318.1	5.5	71.4	2.9	242
9.7	35.7	2880.6	725.0	3.7	-0.1	344.6	1.5	0.4	-1.5	303.5	318.3	5.2	78.1	2.9	241
10.7	38.4	3164.6	700.0	0.8	-0.4	310.2	3.4	2.6	-2.2	303.4	318.5	5.3	91.9	2.9	239
11.7	41.2	3458.4	675.0	-0.4	-0.4	325.4	4.9	2.8	-4.0	305.2	320.8	5.5	100.1	2.8	234
12.6	44.1	3758.3	650.0	-1.6	-2.3	342.0	4.4	1.4	-4.2	307.2	321.5	5.0	94.2	2.9	228
13.7	47.0	4070.4	625.0	-2.4	-5.0	358.2	3.8	0.3	-3.8	309.7	322.1	4.2	82.5	3.0	224
14.8	49.9	4393.3	600.0	-5.2	-8.9	6.2	4.4	-0.[illegible]	-4.4	310.1	319.9	3.3	75.3	3.2	221
15.9	52.9	4727.2	575.0	-6.6	-11.4	13.5	5.2	-1.2	-5.1	312.2	320.7	2.8	69.0	3.5	218
17.1	55.9	5073.5	550.0	-8.7	-13.9	1.9	5.2	-0.2	-5.2	313.8	321.1	2.4	65.5	3.9	216
18.4	59.0	5433.6	525.0	-9.9	-18.2	335.8	6.3	2.6	-5.8	315.5	322.0	1.7	50.5	4.2	212
19.6	62.1	5807.9	500.0	-12.9	-19.4	317.4	7.6	5.2	-5.6	317.4	322.6	1.6	57.7	4.4	205
21.0	65.4	6197.7	475.0	-15.0	-25.0	317.9	8.0	5.4	-5.9	319.5	323.0	1.1	42.0	4.6	198
22.5	68.7	6604.5	450.0	-18.0	-29.8	328.9	9.2	4.7	-7.9	320.7	323.1	0.7	35.1	5.1	191
23.9	72.0	7029.2	425.0	-21.0	-33.1	329.6	9.2	4.7	-8.0	322.0	324.0	0.5	32.7	5.8	186
25.5	75.8	7474.2	400.0	-24.5	-42.6	320.4	9.2	5.9	-7.1	323.2	324.0	0.2	16.6	6.5	181
27.1	79.1	7940.3	375.0	-28.6	-45.3	297.0	9.0	8.0	-4.1	323.7	324.4	0.2	18.2	7.1	176
28.9	8[illegible].7	8432.3	350.0	-31.4	-49.8	279.0	11.1	11.0	-1.7	326.4	326.8	0.1	14.3	7.4	168
30.8	86.7	8952.0	325.0	-35.9	-53.5	288.1	13.7	13.0	-4.3	327.2	327.5	0.1	14.3	8.2	159
32.9	90.7	9503.6	300.0	-40.5	99.9	293.3	15.2	14.0	-6.0	328.2	999.9	99.9	999.9	9.5	150
35.0	94.8	10089.6	275.0	-45.8	99.9	299.1	16.8	14.7	-8.2	328.9	999.9	99.9	999.9	11.2	145
37.4	99.2	10717.2	250.0	-50.8	99.9	295.5	19.8	17.7	-8.5	330.5	999.9	99.9	999.9	13.5	140
40.1	103.8	11387.3	225.0	-55.0	99.9	294.9	25.2	22.9	-10.6	334.3	999.9	99.9	999.9	16.9	135
43.0	108.8	12141.1	200.0	-59.7	99.9	293.3	27.8	25.6	-11.0	338.2	999.9	99.9	999.9	21.[illegible]	131
46.3	114.2	12970.0	175.0	-60.6	99.9	292.1	29.0	26.8	-10.9	349.9	999.9	99.9	999.9	26.9	128
50.0	120.0	13932.3	150.0	-60.7	99.9	280.6	25.9	24.6	-8.3	365.5	999.9	99.9	999.9	32.8	124
54.4	126.5	15058.0	125.0	-63.7	99.9	29.1	22.3	20.8	-6.0	379.6	999.9	99.9	999.9	39.1	121
59.4	133.7	16422.4	100.0	-65.4	99.9	283.7	17.0	16.5	-4.0	401.5	999.9	99.9	999.9	44.8	120
65.5	141.7	18173.1	75.0	-64.3	99.9	281.6	11.5	11.3	-2.3	438.0	999.9	99.9	999.9	49.9	119
74.2	151.0	20648.9	50.0	-62.5	99.9	343.8	3.9	1.1	-3.8	496.1	999.9	99.9	999.9	52.0	117
87.5	160.7	25045.8	25.0	-52.7	99.9	999.9	99.9	99.9	99.9	633.5	999.9	99.9	999.9	52.6	118

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 240
LAKE CHARLES, LOUISIANA

2 MAY 1982
1115 GMT

:60 11 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	5.0	1019.1	15.6	15.6	30.0	2.1	-1.0	-1.8	2e7.2	315.1	11.0	100.0	0.0	0
0.7	7.2	167.4	1000.0	18.5	17.7	140.3	2.5	-1.6	1.9	291.7	324.8	12.9	94.9	0.4	226
1.4	9.6	385.5	975.0	19.5	13.3	158.7	1.8	-0.7	1.7	294.8	320.9	9.9	67.5	0.4	240
2.1	12.0	609.1	950.0	18.3	12.5	136.5	1.4	-1.0	1.0	295.8	321.4	9.7	69.1	0.4	250
2.9	14.5	837.5	925.0	16.4	12.9	84.6	1.7	-1.7	-0.2	296.1	323.1	10.2	79.8	0.4	256
3.8	17.0	1070.4	900.0	15.0	8.7	57.9	3.5	-3.0	-1.9	297.0	318.2	7.9	66.0	0.5	253
4.7	19.6	1309.2	875.0	14.5	7.9	47.4	6.4	-4.7	-4.3	298.8	319.7	7.7	64.5	0.8	247
5.7	22.2	1554.1	850.0	13.3	5.6	38.2	7.4	-4.5	-5.8	300.1	318.6	6.7	59.3	1.2	238
6.6	24.8	1804.9	825.0	11.6	3.8	38.7	7.2	-4.5	-5.6	300.8	317.8	6.1	58.8	1.6	233
7.6	27.4	2061.7	800.0	9.7	2.5	34.1	6.7	-3.8	-5.6	301.5	317.6	5.8	60.8	2.0	229
8.5	30.1	2324.7	775.0	7.5	2.3	33.8	6.7	-3.7	-5.5	301.9	318.2	5.8	69.4	2.4	227
9.5	32.8	2594.2	750.0	5.5	1.9	28.3	6.4	-3.0	-5.6	302.5	319.0	5.9	77.8	2.7	225
10.6	35.6	2870.8	725.0	3.1	1.5	19.5	6.4	-2.1	-6.1	302.9	319.5	5.9	89.4	3.1	222
11.7	38.3	3154.6	700.0	1.2	0.1	14.8	6.8	-1.7	-6.6	303.8	319.5	5.5	92.5	3.5	219
12.7	41.1	3447.3	675.0	0.5	-2.2	11.3	5.5	-1.1	-5.4	306.2	320.1	4.8	81.9	3.9	216
14.0	44.0	3749.5	650.0	-1.2	-4.6	1.6	3.4	-0.1	-3.4	307.7	319.9	4.2	77.7	4.2	214
15.3	46.8	4061.7	625.0	-3.2	-6.7	344.0	2.4	0.7	-2.3	308.8	319.8	3.7	76.8	4.3	213
16.5	49.8	4384.3	600.0	-4.7	-9.6	301.1	4.1	3.5	-2.1	310.7	320.0	3.1	68.6	4.4	210
17.7	52.8	4718.6	575.0	-6.2	-12.2	293.8	6.3	5.8	-2.6	312.8	320.8	2.6	62.3	4.4	205
19.0	55.8	5065.4	550.0	-8.1	-16.2	314.7	7.1	5.1	-5.0	314.5	320.6	2.0	52.0	4.5	198
20.4	58.9	5425.2	525.0	-10.6	-18.1	314.3	7.4	5.3	-5.2	315.7	321.3	1.7	53.8	4.8	192
21.9	62.0	5799.6	500.0	-12.2	-23.4	301.6	8.5	7.2	-4.4	318.1	321.9	1.2	38.6	5.1	185
23.4	65.3	6189.7	475.0	-15.4	-27.6	293.9	10.4	9.5	-4.2	319.0	321.8	0.8	34.1	5.5	177
24.9	68.6	6596.0	450.0	-18.0	-35.1	291.3	12.1	11.2	-4.4	320.8	322.1	0.4	20.7	6.0	168
26.5	72.0	7020.3	425.0	-21.6	-35.2	298.2	12.7	11.2	-6.0	321.4	322.9	0.4	27.8	6.8	160
28.1	75.4	7465.2	400.0	-24.1	-40.8	298.1	13.6	12.0	-6.4	323.7	324.7	0.3	19.5	7.8	154
30.1	79.1	7932.3	375.0	-28.2	-45.8	294.4	14.9	13.6	-6.2	324.2	324.8	0.2	16.6	9.2	147
32.1	82.8	8422.6	350.0	-32.7	-49.1	292.4	15.4	14.3	-5.9	324.7	325.1	0.1	17.5	10.8	142
34.4	86.7	8939.9	325.0	-36.6	-52.7	289.0	17.5	16.6	-5.7	326.2	326.5	0.1	16.9	12.7	137
36.6	90.5	9489.9	300.0	-40.5	99.9	290.4	22.5	21.1	-7.9	328.3	999.9	99.9	999.9	15.0	132
39.0	94.7	10078.3	275.0	-44.3	99.9	293.0	27.7	25.5	-10.8	331.0	999.9	99.9	999.9	18.5	128
41.6	99.0	10710.9	250.0	-48.6	99.9	295.0	32.3	29.3	-13.7	333.8	999.9	99.9	999.9	23.2	125
44.7	103.6	11394.9	225.0	-54.5	99.9	296.2	32.7	29.3	-14.4	335.0	999.9	99.9	999.9	29.3	123
47.9	108.5	12140.8	200.0	-58.7	99.9	295.7	28.9	26.0	-12.6	339.9	999.9	99.9	999.9	35.2	122
51.5	113.7	12972.5	175.0	-61.4	99.9	288.1	26.4	25.1	-8.2	348.6	999.9	99.9	999.9	41.1	121
55.4	119.5	13929.0	150.0	-61.4	99.9	286.2	28.2	27.1	-7.9	364.4	999.9	99.9	999.9	47.3	119
60.1	125.7	15053.4	125.0	-63.4	99.9	290.9	24.1	22.5	-8.6	380.3	999.9	99.9	999.9	54.5	118
65.5	132.7	16419.0	100.0	-64.2	99.9	282.0	16.1	15.7	3.3	403.8	999.9	99.9	999.9	61.1	117
72.0	140.3	18181.5	75.0	-64.2	99.9	296.8	11.3	10.1	-5.1	438.3	999.9	99.9	999.9	66.7	115
80.9	149.3	20691.9	50.0	-58.4	99.9	351.5	5.6	0.8	-5.5	506.0	999.9	99.9	999.9	69.0	117
94.6	159.0	25127.1	25.0	-50.1	99.9	999.9	99.9	99.9	99.9	640.6	999.9	99.9	999.9	69.8	117

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS

1 MAY 1982
1100 GMT

162 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6.1	1[illegible]1.0	1005.9	15.6	14 6	30 0	1.6	-0 8	-1 4	288 3	315 0	10 5	94 0	0 0	0
0 2	6.6	174.2	1000.0	15 5	14 6	64.2	2.9	-2.6	-1 2	288 7	315 5	10 5	94 1	0 1	290
0 9	8.8	389.7	975.0	15.9	14 1	91.7	3.7	-3 7	0 1	291 2	318 3	10 5	68 9	0 2	247
1 7	11.0	611.3	950.0	16 9	13 8	102.4	3.6	-3 6	0 8	294 3	321 9	10 5	82 2	0 4	257
2.5	13.3	838.8	925 0	15 1	13 2	100 5	2 8	-2 8	0 5	294 8	322 1	10 4	88 7	0 5	270
3 4	15.5	1071.0	900 0	14.0	11 6	53 9	2 7	-2.2	-1 6	296 0	321 4	9 6	85 2	0 6	266
4.2	17.8	1308.9	875 0	12 8	10 6	32.2	2 1	-1 1	-1 8	297 1	321 9	9 3	86 5	0 8	258
5.0	20.2	1552.5	850.0	11 4	8 6	329 6	1 5	0 7	-1 3	298 1	320 6	8 3	82 7	0 8	255
5 8	22.6	1802.0	825 0	10 2	6 2	295 9	3 0	2 7	-1 3	299 4	319 2	7 3	76 5	0 7	248
6 6	25.0	2057.8	800.0	8 8	5 3	281 5	4 0	3 9	-0 8	300 5	319 8	7 0	78 8	0 6	237
7.4	27.5	2320.2	775 0	6 6	3.3	271 7	4 6	4.6	-0 1	300 9	318 4	6 3	79 9	0 4	218
8 4	30 0	2588.9	750.0	5 3	1 4	251 4	4 7	4 5	1 5	302 3	318 2	5 7	76 2	0 3	100
9 3	32.5	2865.4	725.0	3 1	1 1	239 8	4 9	4 2	2 5	302 9	319 0	5 7	86 4	0 3	131
10 3	35.2	3149.1	700.0	0 6	-0 0	232 9	5 1	4 0	3 1	303 2	318 6	5 5	95 3	0 5	93
11.4	37.9	3440.7	675 0	-1 2	-1 7	206.8	4 7	2 1	4 2	304 3	318 6	5 0	96 7	0 7	75
12 4	40.6	3741.4	650 0	-2 7	-6 2	182.5	5.9	0.3	5 9	305 9	316 7	3 7	77 1	0 9	55
13.6	43.4	4051.4	625 0	-4 8	-8 1	190 6	6 4	1 2	6 3	306.9	316 8	3 3	78 0	1 2	39
14 6	46.3	4371.9	600.0	-6 4	-7 3	213 1	6.2	3.4	5 2	308 7	319 6	3 7	93 0	1 6	34
15 7	49 3	4703 9	575.0	-8 4	-9 4	226 6	4 4	3 2	3 0	310 1	319 9	3 3	92 9	2 0	36
16 8	52 4	5047.8	550 0	-10 5	-11 4	234.9	3.4	2 8	2 0	311 6	320 4	2 9	93 0	2 2	37
18 0	55.5	5404.5	525.0	-13.0	-13 8	251 4	3 0	2 8	1 0	312 8	320 5	2 5	93 9	2 4	40
19 1	58.8	5775.3	500 0	-15.1	-15 9	212 8	1.4	0 8	1 2	314 7	321 5	2 2	93 3	2 5	42
20.4	62.1	6162.4	475.0	-16.6	-17 5	134 0	3 1	-2 2	2 2	317 5	323 9	2 0	92 0	2 6	39
21.7	65.6	6567.7	450 0	-18.8	-20.3	153.9	4.0	-1 8	3 6	319 6	325 1	1 7	87 7	2 6	32
23 2	69 3	6991.4	425.0	-22.0	-25 1	193.1	5 7	1 3	5 6	320 7	324 6	1 2	76 4	3 0	28
24 6	73.0	7434.4	400.0	-25.6	-29 4	202 6	6 3	2 4	5 8	321 7	324 5	0 8	70 4	3 5	27
26.4	77 0	7898.8	375 0	-29.9	-31 3	207 8	7 1	3 3	6 3	322 1	324 6	0 7	87 2	4 2	27
27 9	81 0	8388.1	350.0	-32 6	-35 8	207.0	11 3	5 1	10 1	324 8	326 6	0 5	73 3	4 9	27
29 8	85 4	8905.2	325.0	-37 3	-42 1	215.9	15 9	9 3	12 9	325 2	326 3	0 3	61 0	6 5	28
31.7	90 0	9452 7	300.0	-42 1	99 9	222 2	17 3	11 6	12 8	326 1	999 9	99 9	999 9	8 4	31
33 8	94 8	10035.2	275.0	-47 3	99 9	226 3	16.8	12 1	11 6	326 8	999 9	99 9	999 9	10 5	33
36 0	99.8	10658.3	250.0	-52.6	99 9	222.2	17 0	11 4	12 6	327 9	999 9	99 9	999 9	12 7	36
38 6	105 2	11331.5	225 0	-57.7	99 9	210 8	16 0	8.2	13 7	330 1	999 9	99 9	999 9	15 2	36
41 1	111.0	12058.4	200.0	-61 9	99 9	224 3	18 2	12 7	13 0	334 7	999 9	99 9	999 9	17 7	35
43 8	117.0	12889.6	175.0	-63 4	99 9	216.0	13 4	7 9	10 8	345 3	999 9	99 9	999 9	20 3	37
47.3	123.7	13839.9	150.0	-60.6	99 9	246 5	19 1	17 6	7 6	365 7	999.9	99 9	999 9	23 2	38
51 2	130.7	14988.6	125.0	-62 3	99 9	277.7	15 8	15 6	-2 1	382 1	999 9	99.9	999 9	26 0	46
56.4	138.2	16344.8	100.0	-62 8	99.9	276.6	13 3	13 3	-1 5	406 5	999 9	99 9	999 9	28 9	52
62 7	146.2	18109.6	75.0	-54.3	99.9	291 4	11 4	10 6	-4 2	438 1	999 9	99 9	999 9	32 7	59
72 3	154.7	20632.4	50 0	-58.0	99.9	273 6	4.1	4 1	-0 3	506 9	999.9	99 9	999 9	32 4	63
86 6	163.3	25085.1	25.0	-51 0	99.9	121 4	5 1	-4 3	2 6	638 5	999 9	99 9	999 9	31 1	65

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ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 247
LONGVIEW, TEXAS

1 MAY 1982
1415 GMT

167 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	124 0	1007.9	16.7	15.7	40 0	3 6	-2 3	-2.8	289.2	317 9	11 2	94 0	0 0	0
0 3	6.5	191 2	1000 0	15 6	14 7	89 6	7 2	-7 2	-0.1	288.8	315 9	10 6	94 0	0 2	207
1 1	8.7	407.2	975 0	17 3	13.6	85 0	4.9	-4 4	-2 1	292 5	319 0	10 2	79 3	0 3	240
1.9	10.9	629 4	950.0	16.9	12.3	15 9	3 2	-0 9	-3 1	294 3	319 5	9 5	74 3	0 5	234
2 7	13 2	856 7	925.0	15.8	11.4	350 9	3 6	0 6	-3 6	295 4	319 9	9.2	75 1	0 6	221
3.6	15.5	1089 3	900.0	14.3	10 4	352 5	3 8	0 5	-3 8	296 3	320 0	8 9	77 3	0 7	209
4.5	17 9	1327 1	875.0	12.6	9.8	334 3	3 4	1.5	-3 1	296 9	320 1	8 7	82 2	0 9	200
5.3	20.2	1570 1	850 0	10.7	8 6	303 4	4 0	3 3	-2.2	297.4	319 7	8 3	86 8	1 0	192
6.3	22 7	1818 4	825.0	8 7	4 6	288.0	5 0	4 7	-1 5	297 8	315 5	6 5	75 8	1 1	177
7.1	25.1	2072 9	800.0	7 4	5 6	288 3	3 9	3 7	-1 2	299 1	318 6	7 1	87 8	1 2	165
8 1	27.6	2334.1	775.0	5 5	4 7	291 9	2 7	2 5	-1 0	299 7	318 8	6 9	94 4	1 3	158
9.2	30.2	2601 8	750 0	3.7	2.0	269 2	2.1	2.1	0 0	300 6	317 1	5 9	88 9	1 4	154
10 1	32 8	2876 6	725.0	1 7	0.8	225 6	2 2	1 5	1.5	301 3	317 0	5 6	93 5	1 4	149
11.2	35 6	3159.2	700 0	0 3	-2.0	189 1	3.1	0 5	3 0	302 8	316 3	4 7	84 8	1 3	144
12.3	38 2	3450 6	675 0	-1.1	-4 5	176 0	5 4	-0 4	5 4	304 4	316.1	4 1	77 8	1 1	136
13.3	41 1	3750 5	650 0	-3 2	-4 8	170 2	6 7	-1 1	6 6	305 3	317 2	4 1	88 7	0 8	117
14.5	44.0	4060.5	625.0	-4.7	-6 6	169 6	5.5	-1 0	5.5	307 1	318.0	3.8	86 9	0 6	86
15.6	47.0	4381 0	600.0	-6.5	-7.8	186.8	3.2	0 4	3 2	308 6	319 1	3 5	90 7	0 7	59
16.8	50 0	4713 3	575 0	-8.2	-9 1	231 0	3 4	2.6	2 1	310 4	320 4	3 3	92 6	0 8	54
18.1	53 1	5057 8	550.0	-10.0	-11 3	247 1	6.1	5 6	2 4	312 2	321 1	2 9	90 1	1 2	57
19 3	56 4	5415 2	525.0	-12.3	-13 7	254 8	6.2	6 0	1.6	313 6	321 4	2 5	89 3	1 7	61
20 6	59.7	5786 7	500.0	-14 9	-16 6	268 3	5.0	5 0	0 1	314.8	321 4	2 1	87 3	2 1	
21 9	63 1	6173.1	475.0	-17.1	-19.1	287 7	4 2	4 0	-1 3	316 9	322.5	1 8	84 4	2 [illegible]	
23.3	66.7	6576.7	450.0	-19.7	-22.1	262 4	3 1	3 1	0 4	318 5	323.2	1 4	80 4	2	7[illegible]
24.7	70 5	6999 6	423 0	-21.7	-24.3	239 4	4.9	4.2	2 5	321 2	325 3	1 2	79 2	3 0	71
26 1	74 3	7443 3	400.0	-25.1	-27.8	253.3	4.0	3 8	1 2	322 3	325 6	1 0	78 1	3 4	70
27.8	78.4	7909 3	375.0	-28.4	-32.1	266.4	3 3	3 3	0.2	324 1	326 4	0 7	70 1	3 7	71
29.4	82 7	8400 0	350.0	-32 5	-37 4	266 1	3 5	3 5	0.2	324 9	326 5	0 4	61 1	4 0	73
31.1	87 0	8917 5	325.0	-36.8	-43 1	236 9	5 2	4 3	2 8	326 0	327.0	0 3	51 4	4 5	73
33.3	91.8	9464 7	300.0	-42.5	99.9	219 2	6 8	4 3	5.2	325 5	999 9	99 9	999 9	5 1	69
35.6	96.8	10047 1	275.0	-47 1	99 9	207 4	9 3	4 3	8 2	327 1	999 9	99 9	999 9	6 1	62
37.6	102 0	10670 5	250.0	-52.5	99 9	215 6	9 0	5.2	7 3	328 1	999.9	99 9	999 9	7 0	57
40.0	107.5	11343 6	225.0	-57.2	99 9	237 0	5 2	4 3	2 8	330 9	999 9	99 9	999 9	8 1	55
42.3	113 5	12080 3	200.0	-62.0	99.9	258 1	5 5	5 4	1 1	334 6	999 9	99 9	999 9	8 6	57
45.1	119.8	12908 1	175 0	-59.6	99 9	235 5	13 2	10.9	7 5	351 6	999 9	99 9	999 9	10 1	56
48.3	126 3	13872 1	150.0	-59.4	99 9	275 8	15 4	15 3	-1 6	367 8	999 9	99 9	999 9	12 6	61
52.2	133.5	15012 5	125 0	-60.4	99.9	283 9	15 0	14 6	-3 6	385 7	999 9	99 9	999 9	15 5	70
56 6	141.0	16395 2	100.0	-62.5	99 9	278 6	13 1	13 0	-2 0	407 1	999 9	99 9	999 9	18 8	75
62.3	149.0	18164 0	75.0	-63.0	99.9	294 7	9 2	8 4	-3 8	440 8	999 9	99.9	999 9	22 4	81
69.7	157.3	20691 5	50.0	-57.0	99 9	281 9	4 2	4.1	-0 9	509 3	999 9	99 9	999 9	23 0	84
81.3	165.7	25128 7	25.0	-51 8	99.9	290 4	3.3	3 1	-1.2	636.2	999 9	99 9	999 9	22 9	86

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS

1 MAY 1982
1715 GMT

166 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	124.0	1008.7	20 0	15.6	30.0	3.1	-1.5	-2 7	292 4	321 4	11 2	76 0	0 0	0
0.3	6.5	198.6	1000.0	18.1	14.7	358 5	1.6	0 0	-1 6	291.3	318 7	10 6	80 6	0.2	225
1 1	8 7	415.5	975.0	16.4	13.9	40 2	3 0	-1.9	-2 3	291 7	318 5	10 3	84 9	0 3	220
2 0	11.1	636.9	950.0	16 0	12.9	34 5	4 1	-2.3	-3 4	293 4	319 4	9 9	82 0	0 5	224
2.8	13.4	864.0	925.0	15.5	10 9	354.4	5.0	0 5	-5 0	295.1	318 9	9 0	74 4	0 7	216
3.7	15.7	1096.1	900.0	14.2	7 6	317.0	6 3	4 3	-4 6	296.1	315 9	7 3	64 7	0 8	196
4 7	18.2	1333.6	875.0	12.4	5 4	299 2	5 5	4 8	-2 7	296.7	314 2	6 5	62 4	1 0	179
5.6	20.6	1576.4	850 0	11.1	3.7	276 6	5.8	5.8	-0.7	297.8	314 0	5 9	60 2	1 1	163
6 5	23.2	1825.1	825 0	9.6	2.4	274 3	5 2	5 1	-0 4	298 8	314 1	5 5	60 7	1 3	150
7 5	25.7	2079.9	800.0	7.7	1 1	279 5	4 9	4 8	-0 8	299 4	313 8	5 2	62 7	1 5	141
8 6	28 3	2341.0	775.0	5.7	0.8	260.3	3 2	3.1	0 5	300.0	314 6	5 2	70 3	1 7	134
9 6	30.9	2608.9	750.0	4.0	0 6	214 2	2 3	1 3	1 9	300 9	315 9	5 4	78 7	1 8	130
10 6	33.6	2884.1	725.0	2.5	-0 1	186 4	3.5	0 4	3 4	302.2	317 0	5 3	83 5	1 7	125
11 7	36.3	3167.7	700.0	1.3	-0 9	188 1	5 2	0 7	5 1	303 9	318 5	5 1	85 1	1 6	116
12 7	39.1	3459.9	675.0	-0 3	-1 9	187 9	6 0	0.8	5 9	305 3	319 4	4 9	88 9	1 5	103
13.9	42.0	3761.0	650 0	-2.6	-4 3	193 3	5.9	1 4	5.8	306.1	318 5	4 3	88 1	1 5	86.
15.1	44.9	4071.7	625.0	-4 5	-6.0	211.1	5 5	2 8	4 7	307 4	318 9	3 9	89 2	1 7	74
16 3	47 9	4392.8	600.0	5 9	-7.0	236.9	6.2	5 2	3.4	309 3	320 5	3 8	91 9	2 1	69
17 4	51.1	4725.7	575.0	-7 8	-9 0	253.3	6 3	6 0	1.8	310 9	321 0	3 4	90 9	2 5	68
18.7	54.3	5070.6	550.0	-9.8	-11 3	260.5	6 3	6 2	1 0	312 4	321 4	2 9	89 2	3 0	70
19 9	57.6	5428.7	525.0	-11.8	-13.1	263 1	7 2	7 1	0 9	314 3	322 4	2 6	89 5	3 5	72.
21 3	61.0	5800.9	500.0	-14 4	-15 9	265.3	7.9	7.8	0 6	315 5	322.4	2 2	88 2	4 1	73
22 6	64.6	6188.4	475.0	-17.0	-18 9	278 0	6 9	6.8	-1 0	317 0	322 7	1 8	85 0	4 7	76
23 9	68.0	6592.0	450.0	-19.9	-21 9	289 8	4 1	3 9	-1 4	318 3	323 0	1 5	83 9	5 1	78.
25 4	71 9	7013.8	425.0	-22.9	-25.2	286 4	3 0	2.9	-0 8	319.7	323 5	1 1	80.7	5 3	80
27 0	75.7	7457.0	400.0	-25.0	-28 3	304.8	4 3	3 5	-2 4	322 6	325 7	0 9	73 7	5 6	81
28 6	79.8	7923.1	375.0	-28.2	-33 4	320.4	4.3	2 7	-3 3	324.3	326 4	0 6	60 2	5 8	85.
30 2	84 2	8414.1	350 0	-32.3	-40.6	324 9	3 5	2 0	-2 9	325 2	326 3	0 3	42 9	6 0	88.
31 9	88.6	8932 0	325.0	-36 9	-44.2	285.9	1 9	1.9	-0 5	325.8	326 7	0 2	46 1	6 2	90
33 8	93.2	9480.3	300.0	-41.6	99.9	203.5	2 3	0 9	2 1	326 7	999 9	99 9	999 9	6 3	89
35 7	98.2	10064.2	275.0	-46.5	99 9	174 8	3 4	-0 3	3 4	327.9	999 9	99 9	999 9	6 4	86
37 5	103.4	10688.1	250.0	-52.6	99.9	249 1	2 3	2 2	0 8	327 9	999 9	99 9	999 9	6 4	83
39 5	109.0	11359.6	225.0	-58.5	99.9	344.4	3 6	1 0	-3 4	328 8	999 9	99 9	999 9	6 6	86
41.7	114 7	12091.4	200.0	-62.1	99.9	317.6	5 3	3 6	-3 9	334 4	999 9	99 9	999 9	6 6	89.
44 3	121.0	12922.7	175.0	-58.9	99 9	285.1	10.8	10 4	-2 8	352 7	999 9	99 9	999 9	7 9	93
47 1	127.5	13894.2	150.0	-58.7	99.9	281.4	12.9	12 7	-2.6	369 0	999 9	99 9	999 9	9 9	94
50 6	134.5	15034.8	125.0	-61.2	99 9	275 9	15 5	15.4	-1 6	384.2	999 9	99 9	999 9	12 8	95
54 7	142.0	16408.6	100.0	-63.9	99 9	289.2	13.5	12 7	-4.4	404 4	999 9	99 9	999 9	16 5	97
59 9	149.7	18183.9	75.0	-60 9	99.9	282 2	7.8	7.6	-1 7	445 4	999 9	99 9	999 9	20 0	99
66 9	157.7	20724.2	50.0	-59.8	99.9	249 6	1 7	1 6	0 6	502 6	999 9	99 9	999 9	20 9	99
79.3	166.0	25146.2	25.0	-50.4	99.9	999 9	99 9	99 9	99.9	639 7	999 9	99 9	999 9	21 0	101

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS

1 MAY 1982
2000 GMT

159 23 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	124 0	1007 6	21 6	16 6	40 0	2 1	-1 3	-1 6	294 1	325 0	11 9	73 0	0 0	0
0 3	6 7	189 8	1000.0	20 7	15 5	43 2	2 6	-1 8	-1 9	293 9	322 9	11 2	71 9	0 0	266
1.1	8 8	408 3	975.0	18.5	14 3	26 4	2 4	-1 0	-2 1	293.8	321 5	10 6	76 4	0 2	220
2 1	11 1	630 9	950.0	17 5	9 9	331 7	2 7	1 3	-2.4	294 9	316 5	8 1	61.2	0 3	203
3.0	13 4	858 5	925.0	16.0	8.0	294 7	4 4	4 0	-1 8	295 7	315 3	7 3	58 9	0 4	174
3 9	15 7	1091 0	900.0	14 5	6 5	287 6	5.6	5 4	-1 7	296 5	314 9	6 8	58 6	0 6	146
4 7	18.1	1328 7	875 0	13.4	5 8	297 6	8 3	7 4	-3 8	297 7	315 8	6 6	59 8	0 8	133
5.7	20 5	1572 2	850.0	11.4	4 4	286 9	8 5	8 1	-2 5	298 1	315 1	6 2	62 3	1 4	127
6 7	22 9	1821 0	825.0	9 7	3.9	274 2	8 6	8 6	-0 6	298 9	315 8	6 1	66 6	1 8	120
7.6	25 4	2076 0	800 0	7 6	3.7	264 3	8.1	8.0	0.8	299 3	316 5	6 3	76 2	2 2	114
8 6	27 9	2337 3	775.0	6.2	3 1	248 1	7 4	6.8	2.8	300 5	317 7	6 2	80 8	2 6	108
9.6	30 5	2605 8	750.0	4.5	2 3	238 1	7 3	6 2	3 8	301 5	318 3	6 0	85 4	2.9	101
10.7	33 1	2881 3	725.0	2 5	1 6	225 3	6 7	4 8	4 7	302 2	318 8	5 9	93 7	3.2	95
11.8	35.8	3165 1	700.0	1 7	0.6	220 9	6 4	4 2	4.9	304 4	320 7	5 7	92 2	3 5	89
12.9	38 6	3458 0	675 0	-0.0	-1.4	236 3	7.5	6 2	4 1	305 6	320 3	5 1	90 7	3 8	85
14.0	41.4	3760 1	650.0	-1.4	-2.4	246 2	9.0	8 2	3.6	307 4	321 6	4 9	92 7	4 3	82
15.0	44 3	4071 8	625.0	-3.8	-4.4	250 6	9.0	8 5	3.0	308 1	321 0	4 4	95 8	4 9	81
16.2	47.3	4393 8	600 0	-5.3	-5 9	245 5	8 2	7 5	3.4	310 0	322 2	4 1	95 8	5 5	79
17.4	50.4	4727 3	575.0	-7.3	-7.9	248.8	8.5	7 9	3 1	311 4	322 4	3 7	95 5	6 1	78
18.6	53.5	5072.9	550 0	-9.2	-10 4	259 3	8.0	7 9	1 5	313 2	322 8	3 1	90 5	6.7	77
19 8	56 8	5432.1	525.0	-11.3	-12.6	274 0	7 9	7 9	-0 6	314.9	323 4	2.8	89 6	7 2	78
21.1	60 0	5804.7	500.0	-14.0	-15 1	277 3	7 9	7.8	-1 0	316 0	323 4	2 4	91 6	7 8	80
22 4	63 6	6192 7	475.0	-16.4	-19 1	295 7	6 2	5 6	-2 7	317 7	323 4	1 8	79 4	8 3	81
24 0	67 1	6597 9	450.0	-18 9	-21 8	315 2	6 7	4.8	-4 8	319 5	324 3	1.5	77 6	8 7	84
25 4	70 9	7021 5	425 0	-21 9	-24 4	311 9	6.5	4 9	-4.4	320 9	325 0	1 2	79 8	9.1	87
27.1	74 7	7465 6	400 0	-24 7	-30.1	318.8	5 5	3 6	-4 2	322 9	325 6	0 8	60 2	9 5	89
28 8	78 7	7926 3	375.0	-32.1	99.9	326 6	4 7	2 6	-3 9	319 1	999 9	99 9	999 9	9 8	92
30.5	82.8	8416 6	350.0	-31.8	-42.4	309 7	5.5	4 3	-3.5	325 9	326.8	0 3	33 8	10 1	94
32.5	87 3	8935 6	325.0	-36.7	-48 6	304 7	5 7	4.7	-3 2	326 1	326 6	0 1	27 8	10 8	96
34 4	91.8	9484 9	300.0	-40.8	99.9	286 3	2.8	2 7	-0 8	327 8	999 9	99 9	999 9	11 2	97
36.4	96.8	10070 1	275 0	-46.1	99 9	305 5	3.6	3 0	-2 1	328 5	999 9	99 9	999 9	11 5	97
38.6	101.8	10695 9	250 0	-51.8	99.9	335 2	4 6	1.9	-4.2	329 1	999 9	99 9	999 9	12 0	99
40.9	107.3	11370.2	225 0	-56.7	99 9	331 7	7 3	3 5	-6 5	331.6	999 9	99 9	999 9	12 2	102
43.4	113.0	12110 4	200.0	-60.1	99.9	326 8	12 9	7 1	-10 8	337 6	999 9	99 9	999 9	13 4	107
45.1	119.0	12947 9	175.0	-57.8	99.9	300.9	13 6	11 7	-7 0	354 5	999 9	99 9	999 9	15 3	111
49 3	125.7	13916 9	150.0	-59.0	99.9	278 6	13 8	13 7	-2 1	368 4	999 9	99 9	999 9	17 7	110
52 9	132.5	15056 9	125.0	-61.5	99.9	278 1	16 7	16.6	-2 3	383 6	999 9	99 9	999 9	21 1	108
57.4	139 7	16437 0	100 0	-60.7	99.9	282 9	14.5	14.6	-3 3	410 5	999 9	99 9	999 9	25 4	107
62 8	147.3	18215 0	75.0	-61 5	99.9	289 2	10.6	10.0	-3 5	443 9	999 9	99 9	999 9	29 7	106
70.4	155.3	20750 9	50 0	-58.5	99 9	281 2	2.6	2.5	-0 5	505 8	999 9	99 9	999 9	31 7	107
82.3	163.3	25217.9	25.0	-49.9	99.9	999 9	99.9	99 9	99 9	641 7	999 9	99.9	999 9	999 9	999

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

STATION NO. 247
LONGVIEW, TEXAS

1 MAY 1982
2300 GMT

166 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 8	124.0	1005.7	23 3	13.5	360.0	4 1	0 0	-4 1	296 0	321.7	9 7	54 0	0 0	0
0 2	6.4	173 6	1000.0	22.0	13 1	355 7	3 5	0 3	-3 5	295 2	320 3	9.5	56 9	0 1	184
0 9	8.5	392.8	975.0	19 8	11 9	355.1	3 9	0 3	-3 9	295 1	319.0	9 0	60 5	0 2	181
1 6	10.8	616 3	950.0	18 3	12 1	359.4	4 5	0 0	-4 5	295 8	320 8	9 4	67 1	0 4	179
2 4	13 2	844.5	925.0	16 1	11 0	4 6	5 0	-0 4	-4 9	295 8	319 7	9 0	71 5	0 6	180
3 4	15.5	1077 4	900.0	15 2	8.7	349 8	5 9	1 0	-5 8	297 2	315 7	6 9	56 8	0 9	179
4 3	17.9	1315 9	875.0	13 9	8 1	343 2	6 2	1 8	-5 9	298 2	316.7	6 8	59 3	1 2	175
5.0	20.3	1559 7	850.0	11.7	6 0	344 9	5 6	1 5	-5 4	298 4	317 3	6 9	68 3	1 5	173
5.8	22.7	1808.9	825.0	9 8	5.0	338.3	5.2	1 9	-4 8	299 0	317 2	6 6	71 8	1 7	172
6 7	25 3	2064.3	800.0	8.2	3 3	320 1	5 0	3 2	-3 8	299 9	316 7	6 1	71 2	2 0	169
7 5	27.8	2325.9	775.0	6 4	2 1	301 4	5.5	4 7	-2 9	300 7	316 7	5 8	74 0	2 2	165
8 4	30 4	2594.8	750.0	5 2	1 3	280 2	6 6	6 5	-1 2	302 2	317 9	5 6	75 8	2 4	159
9 3	33.0	2871 0	725 0	3 2	0 2	265.2	8 6	8 5	0 7	303 0	318.1	5 4	80 3	2 6	150
10.3	35 7	3155.2	700 0	1 4	-0 0	259 9	9 2	9 1	1 6	304 0	319.5	5 5	90 3	2 8	140
11 3	38 4	3447 7	675 0	-0 3	-1 3	258.5	8 4	8 2	1 7	305 3	320.1	5 2	93 4	3 1	131
12 3	41.3	3749.8	650.0	-1 1	-2 5	266 6	6 7	6 7	0.4	307.7	321.9	4 9	90 3	3 4	125
13 4	44 2	4061.9	625.0	-3 2	-4 9	283 0	5 0	4 9	-1 1	308.8	321.2	4 2	87 9	3 7	122
14 3	47 1	4384 3	600 0	-5.0	-6 3	295.7	4 3	3 9	-1 9	310 4	322 2	4 0	90 4	4 0	121
15 4	50 3	4717.8	575 0	-7 4	-8.4	300 8	4 6	4 1	-2 4	311 4	322 0	3 5	92 4	4 3	121
16 7	53.4	5063 2	550.0	-9 6	-10 4	304 9	5 6	4.6	-3 2	312 8	322.3	3 1	93 3	4 [illegible]	121
18.0	56 7	5421.4	525.0	-11 6	-13 6	318.3	5 8	3 8	-4 3	314 5	322 4	2 6	85 1	5 1	122
19.2	60 0	5794 8	500.0	-13 3	-17 5	322 7	7 1	4 3	-5.7	316 8	323 0	1 9	70 6	5 5	124
20.5	63.6	6183 0	475.0	-16.7	-19 5	317 7	8 8	5 9	-6 5	317 3	322.8	1 7	78 7	6 1	125
21 8	67.1	6587 9	450 0	-18 7	-25 4	317 7	9 0	6 1	-6 7	319.7	323 3	1 1	55 6	6 6	127
23 2	70 8	7012 2	425.0	-21 0	-31 2	311 2	8 6	6 4	-5 6	322 0	324.3	0 7	39 2	7 6	128
24 8	74.7	7457.1	400.0	-24 3	-34 4	303 4	9 5	7 9	-5 2	323 4	325 2	0 5	38 4	8 4	127
26 3	78.8	7923.7	375 0	-28 3	-37 1	302.5	8 8	7 4	-4 7	324.2	325 6	0 4	42 4	9 3	127
28 1	83 0	8413.8	350.0	-32.6	-40 5	291.9	7 2	6 7	-2 7	324 7	325 9	0 3	44 8	10 1	126
30 0	87.5	8931 6	325.0	-36 6	-47 5	277.6	7 9	7 8	-1 0	326 3	326 9	0 2	31 1	10 9	124
31 9	92 2	9480.7	300.0	-41 4	99.9	283.9	6 0	5 8	-1 4	327 0	999.9	99 9	999 9	11 6	123
34.0	97 2	10065.2	275 0	-46.1	99.9	316.8	6.5	4 5	-4 7	328 4	999 9	99 9	999 9	12 3	123
36.1	102.4	10692.2	250.0	-51.3	99.9	321.5	11 2	7 0	-8 7	329 8	999.9	99.9	999 9	13 3	124
36 4	107 8	11368.8	225.0	-56 6	99 9	314 6	18 3	11 6	-11 4	331 8	999 9	99 9	999 9	15 2	126
40 9	113.7	12107.2	200.0	-61 1	99 9	316.6	17 9	12 3	-13 0	336 0	999 9	99 9	999 9	17 9	127
43 8	120.0	12935.2	175.0	-60.1	99.9	301 6	16 5	14 1	-8 6	350 7	999.9	99 9	999 9	20 6	128
47.1	126.7	13897.3	150.0	-59 8	99.9	291.8	19.9	18 5	-7 4	367 1	999 9	99 9	999 9	24 3	126
50 9	133.7	15035.1	125 0	-61.5	99.9	286 1	18 7	18 0	-5 2	383 6	999 9	99 9	999 9	28 3	123
55 5	141 0	16413.6	100.0	-61.6	99.9	286 1	15 5	14 9	-4 3	408 8	999 9	99 9	999 9	33 4	121
61 3	149.0	18189.8	75.0	-62.1	99 9	291 4	9.5	8 9	-3 5	4[illegible] 6	999 9	99 9	999 9	37 3	119
68 9	157.0	20715.3	50.0	-59 1	99.9	7.6	3 6	-0 5	-3 6	504 3	999 9	99 9	999 9	39 2	119
81.6	165.3	25169.3	25 0	-50.8	99 9	999.9	99 9	99 9	99 9	638 9	999.9	99 9	999 9	38 1	123

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 247
LONGVIEW, TEXAS

2 MAY 1982
200 GMT

154 41 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	124.0	1005.9	19.4	14.2	40.0	2.1	-1.3	-1.6	292.1	318.6	10.2	72.0	0.0	0
0.2	7.3	174.9	1000.0	20.2	14.4	999.9	99.9	99.9	99.9	293.3	320.4	10.4	69.3	999.9	999
0.9	10.0	393.5	975.0	19.5	14.5	999.9	99.9	99.9	99.9	294.7	322.8	10.7	72.9	999.9	999
1.7	12.7	616.7	950.0	17.5	13.1	999.9	99.9	99.9	99.9	294.9	321.5	10.1	75.6	999.9	999
2.4	15.3	844.3	925.0	15.5	12.0	999.9	99.9	99.9	99.9	295.2	320.6	9.6	79.8	999.9	999
3.2	18.0	1076.3	900.0	13.3	11.9	999.9	99.9	99.9	99.9	295.3	321.1	9.8	90.8	999.9	999
4.0	20.6	1313.8	875.0	13.2	5.6	999.9	99.9	99.9	99.9	297.5	315.3	6.5	59.8	999.9	999
4.8	23.6	1557.4	850.0	12.0	4.4	335.8	3.8	1.6	-3.5	298.7	315.7	6.2	60.0	1.0	217
5.6	26.3	1806.9	825.0	10.3	2.9	332.2	3.4	1.6	-3.0	299.5	315.4	5.8	60.2	1.1	210
6.5	29.1	2062.6	800.0	8.5	1.9	312.4	4.3	3.2	-2.9	300.3	315.6	5.5	63.0	1.1	200
7.4	32.0	2324.4	775.0	6.4	1.4	314.4	6.0	4.3	-4.2	300.6	316.0	5.5	70.8	1.3	189
8.3	34.9	2592.7	750.0	4.2	1.0	319.6	7.1	4.6	-5.4	301.1	316.5	5.5	79.8	1.5	178
9.2	37.8	2868.2	725.0	2.4	1.3	317.9	7.4	5.0	-5.5	302.1	318.4	5.8	93.0	1.9	170
10.1	40.7	3151.6	700.0	1.0	0.4	310.0	6.7	5.1	-4.3	303.6	319.5	5.6	95.9	2.2	164
11.1	43.6	3443.4	675.0	-0.8	-1.4	299.3	5.5	4.8	-2.7	304.7	319.3	5.1	95.8	2.5	159
12.1	46.6	3744.6	650.0	-2.6	-3.1	302.6	4.7	3.9	-2.5	306.1	319.6	4.7	96.3	2.7	154
13.2	49.6	4055.5	625.0	-3.7	-5.5	328.9	5.4	2.8	-4.6	308.2	320.2	4.1	87.5	3.0	153
14.3	52.8	4377.7	600.0	-5.1	-7.4	333.5	6.6	3.0	-5.9	310.2	321.0	3.6	83.8	3.4	153
15.4	55.9	4711.2	575.0	-7.3	-10.3	326.4	6.9	3.8	-5.8	311.5	320.6	3.0	78.9	3.8	152
16.5	59.1	5056.9	550.0	-8.7	-13.4	332.0	7.8	3.7	-6.9	313.8	321.4	2.5	68.7	4.3	152
17.6	62.4	5415.9	525.0	-11.1	-16.1	332.8	8.4	3.8	-7.4	315.1	321.6	2.1	66.3	4.9	152
18.8	65.8	5789.2	500.0	-13.5	-18.8	336.1	7.4	3.0	-6.8	316.6	322.1	1.7	64.1	5.4	152
20.1	69.0	6177.2	475.0	-16.5	-21.1	337.9	6.7	2.5	-6.2	317.8	322.4	1.5	67.0	5.9	153
21.4	72.4	6582.1	450.0	-19.1	-25.9	321.5	8.4	5.3	-6.6	319.3	322.7	1.0	54.8	6.5	153
22.8	76.0	7005.2	425.0	-22.2	-30.6	306.0	9.2	7.5	-5.4	320.6	323.0	0.7	45.7	7.2	151
24.3	79.7	7448.0	400.0	-25.7	-35.3	293.9	9.4	8.6	-3.8	321.6	323.3	0.5	40.0	8.0	148
25.8	83.4	7913.2	375.0	-28.6	-45.3	286.0	8.8	8.5	-2.4	323.8	324.4	0.2	18.2	8.6	144
27.4	87.2	8403.5	350.0	-32.8	-49.8	293.0	10.7	9.8	-4.2	324.6	325.0	0.1	16.1	9.4	141
29.1	91.2	8921.0	325.0	-37.0	99.9	292.4	10.1	9.4	-3.9	325.8	999.9	99.9	999.9	10.4	138
30.9	95.3	9468.7	300.0	-42.1	99.9	291.8	9.9	9.1	-3.7	326.0	999.9	99.9	999.9	11.3	136
32.8	99.6	10051.5	275.0	-47.1	99.9	293.0	12.1	11.1	-4.7	327.0	999.9	99.9	999.9	12.4	134
34.9	104.2	10675.1	250.0	-52.6	99.9	295.3	15.2	13.7	-6.5	327.8	999.9	99.9	999.9	14.1	131
37.2	109.0	11349.0	225.0	-58.9	99.9	296.0	17.3	15.6	-7.6	331.3	999.9	99.9	999.9	16.2	129
39.3	114.0	12066.3	200.0	-62.0	99.9	297.6	18.3	16.2	-8.5	334.6	999.9	99.9	999.9	18.5	128
41.8	119.2	12910.2	175.0	-62.4	99.9	293.4	22.5	20.7	-9.0	347.0	999.9	99.9	999.9	21.2	126
44.4	125.0	13887.9	150.0	-60.9	99.9	297.0	21.7	19.3	-9.8	365.2	999.9	99.9	999.9	25.1	125
47.9	131.5	14995.6	125.0	-62.5	99.9	297.0	20.2	18.0	-9.2	381.8	999.9	99.9	999.9	29.7	123
52.0	138.7	16300.2	100.0	-63.2	99.9	290.4	14.0	13.2	-4.9	405.7	999.9	99.9	999.9	33.4	122
57.0	146.7	18133.0	75.0	-63.9	99.9	320.7	9.6	6.1	-7.4	438.9	999.9	99.9	999.9	37.1	121
63.6	155.5	20633.3	50.0	-60.8	99.9	184.4	2.9	0.2	2.9	500.3	999.9	99.9	999.9	38.4	121
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	124.0	1007.3	18.3	14.8	40.0	2.6	-1.7	-2.0	290.9	318.2	10.6	80.0	0.0	0.
0.2	6.6	186.7	1000.0	18.8	15.1	75.0	6.4	-6.2	-1.7	292.0	320.2	10.9	79.3	0.2	250
1.0	8.9	404.6	975.0	18.3	15.8	80.3	7.0	-6.9	-1.2	293.6	322.9	11.7	85.3	0.4	223
1.7	11.1	627.5	950.0	17.1	15.4	63.3	4.2	-3.8	-1.9	294.5	325.0	11.7	89.5	0.7	230
2.7	13.4	855.1	925.0	15.8	12.1	61.2	2.5	-2.2	-1.2	295.4	321.0	9.7	79.1	0.8	234
3.5	15.8	1087.5	900.0	14.1	10.3	49.5	2.3	-1.8	-1.5	296.0	319.5	8.8	78.2	0.9	233
4.5	18.2	1325.2	875.0	13.2	5.9	34.1	1.8	-1.0	-1.5	297.5	313.7	6.7	61.0	1.1	233
5.4	20.6	1568.7	850.0	11.8	4.8	1.6	1.6	-0.0	-1.6	298.6	316.0	6.4	61.9	1.1	230
6.3	23.0	1817.9	825.0	10.2	3.7	349.6	1.6	0.3	-1.5	299.4	316.2	6.1	64.0	1.2	226
7.2	25.4	2073.2	800.0	8.0	2.3	345.4	2.9	0.7	-2.8	299.7	315.5	5.7	67.1	1.2	223
8.3	28.0	2334.7	775.0	6.6	0.7	337.1	5.2	2.0	-4.8	300.9	315.6	5.2	65.9	1.4	212
9.3	30.6	2603.3	750.0	4.6	-0.3	329.2	5.7	2.9	-4.9	301.6	315.6	5.0	70.3	1.6	202
10.3	33.2	2878.9	725.0	2.5	1.7	308.2	5.2	4.1	-3.2	302.2	318.9	6.0	94.5	1.8	193
11.2	35.9	3162.2	700.0	0.8	0.4	299.0	5.3	4.6	-2.6	303.4	319.3	5.7	97.1	1.9	185
12.4	38.8	3453.9	675.0	-1.4	-1.9	301.4	5.7	4.8	-3.0	304.1	318.2	5.0	96.7	2.1	175
13.4	41.6	3754.0	650.0	-3.2	-3.7	303.2	5.3	4.5	-2.9	305.4	318.3	4.5	96.4	2.3	168
14.4	44.5	4064.3	625.0	-4.4	-6.0	302.3	4.8	4.0	-2.6	307.4	318.9	3.9	88.9	2.5	163
15.8	47.4	4385.1	600.0	-6.2	-10.2	313.9	4.8	3.5	-3.3	309.0	317.8	2.9	72.9	2.8	158
17.0	50.5	4717.3	575.0	-8.1	-13.2	331.7	5.1	2.4	-4.5	310.6	317.9	2.4	66.3	3.2	157
18.3	53.6	5061.7	550.0	-9.8	-16.1	329.0	4.9	2.5	-4.2	312.4	318.6	2.0	60.3	3.6	156
19.6	56.9	5419.5	525.0	-11.6	-17.9	326.5	4.9	2.7	-4.1	314.3	319.9	1.8	60.0	4.0	155
21.1	60.3	5792.2	500.0	-13.8	-19.4	331.2	5.5	2.6	-4.8	316.3	321.5	1.6	62.3	4.4	155
22.6	63.7	6180.2	475.0	-16.6	-21.7	325.8	6.2	3.5	-5.1	317.4	322.0	1.4	64.3	4.9	154
24.1	67.3	6584.6	450.0	-19.4	-25.4	322.1	7.6	4.7	-6.0	318.8	322.4	1.1	59.1	5.5	153
25.7	71.1	7006.6	425.0	-23.0	-28.0	317.7	9.1	6.1	-6.7	319.5	322.5	0.9	63.5	6.3	151
27.3	75.0	7447.9	400.0	-26.0	-32.6	310.8	10.6	8.0	-6.9	321.2	323.3	0.6	53.7	7.2	149
29.0	79.0	7912.1	375.0	-29.5	-37.9	308.2	12.4	9.7	-7.6	322.6	324.0	0.4	43.4	8.4	146
31.0	83.3	8401.1	350.0	-33.3	-43.2	303.5	11.6	9.7	-6.4	323.9	324.8	0.2	35.7	9.7	144
32.8	87.6	8917.4	325.0	-37.4	-52.7	298.9	12.9	11.3	-6.2	325.2	325.5	0.1	18.2	10.9	141
34.9	92.2	9464.2	300.0	-42.1	99.9	296.1	15.3	13.7	-6.7	326.0	999.9	99.9	999.9	12.6	138
37.1	97.2	10046.2	275.0	-47.3	99.9	294.8	15.5	14.1	-6.5	326.7	999.9	99.9	999.9	14.5	135
39.5	102.4	10670.5	250.0	-51.6	99.9	290.4	17.3	16.2	-6.0	329.4	999.9	99.9	999.9	16.6	131
42.0	107.8	11347.5	225.0	-56.2	99.9	293.0	19.7	18.2	-7.7	332.5	999.9	99.9	999.9	19.2	129
44.7	113.5	12089.5	200.0	-59.7	99.9	291.6	22.5	21.0	-8.3	338.3	999.9	99.9	999.9	22.5	126
47.6	119.5	12918.8	175.0	-62.1	99.9	298.8	24.0	21.0	-11.6	347.5	999.9	99.9	999.9	26.7	124
51.0	126.0	13878.5	150.0	-61.8	99.9	295.5	21.2	19.1	-9.1	363.7	999.9	99.9	999.9	31.0	124
54.9	133.0	15003.3	125.0	-62.1	99.9	296.2	19.5	17.5	-8.6	382.5	999.9	99.9	999.9	35.8	123
59.1	140.0	16389.3	100.0	-65.0	99.9	290.9	17.1	16.0	-6.1	402.1	999.9	99.9	999.9	40.5	121
64.4	147.7	18177.9	75.0	-63.6	99.9	285.0	9.5	9.2	-2.5	439.6	999.9	99.9	999.9	44.5	121
72.0	155.3	20634.1	50.0	-59.8	99.9	219.0	3.8	2.4	2.9	502.7	999.9	99.9	999.9	46.5	120
85.0	163.3	25037.7	25.0	-53.4	99.9	999.9	99.9	99.9	99.9	631.4	999.9	99.9	999.9	45.1	122

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6 2	124.0	1006 3	17 2	16 2	40 0	2 1	-1 3	-1 6	289 8	319 6	11 6	94 0	0 0	0
0 2	6 7	177 8	1000.0	16.9	16 2	70 8	4 2	-4 1	-0 8	290 1	319 9	11 7	95 3	0 1	285
1 0	8 9	394 4	975.0	17.0	16 1	89 4	4 6	-4.6	-0 0	292 3	323 0	11 9	94 3	0.3	261
1 7	11 1	816.6	950 0	16 5	14 7	56 1	3 5	-2 9	-2 0	294 0	323 1	11 2	89 0	0 5	261
2.6	13 4	843 9	925.0	15.3	12 2	23 6	3 1	-1 3	-2 9	294 9	320 6	9 7	81 7	0 7	249
3.5	15.7	1076 0	900.0	13 7	11 1	10 4	2 6	-0 5	-2 5	295 7	320 3	9 3	84 2	0 7	240
4 3	18 0	1313.3	875.0	12 8	6 2	359 2	3 1	0.0	-3.1	297 1	315 6	6 8	63 8	0 8	233
5 3	20 4	1558 5	850.0	11 2	5 1	342 7	4 5	1 3	-4 3	297 9	315 7	6 5	66 2	0 9	221
6 1	22 8	1805 4	825.0	9 8	3 9	332 2	5 7	2 6	-5 0	298 9	315 9	6 2	67 0	1 1	208
7 0	25 2	2060 8	800.0	8.6	2 9	323 8	6 1	3 6	-4 9	300 3	316 7	5 9	67 2	1 3	196
7 9	27 7	2322 9	775.0	6 6	2 7	317 0	6 1	4 2	-4 5	300 9	317 6	6 0	75 9	1 5	185
8.9	30 3	2591.8	750 0	5.0	3 7	314 8	6 4	4 5	-4 5	302 0	320 6	6 7	91 4	1 7	176
10 0	32 9	2868 1	725.0	3 3	2 5	319 5	6 9	4.5	-5 3	303 1	320 8	6 3	94 3	2 1	168
10 9	35 8	3152 5	700.0	1.7	-1.4	316 2	6 8	4 7	-4 9	304 4	318 5	5 0	80 0	2 4	164
12 0	38.3	3444 8	675.0	-1 0	-2.8	311 9	7 3	5 4	-4 9	304 5	317 8	4 6	87 7	2 8	159
13 0	41 1	3744 9	650.0	-3.7	-4 2	312 5	7 8	5 7	-5 3	304 8	317 2	4 3	96 3	3 3	155
14 2	43 9	4054 1	625.0	-5 6	-6 1	310 6	7 1	5 4	-4 6	306 1	317 4	3 9	95 9	3 7	152
15 4	46.9	4374 4	600.0	-6 4	-13 9	307 1	7.6	6 1	-4 6	308 7	315 3	2 2	55 3	4.2	150
16 5	49 9	4706 3	575.0	-8 2	-17 6	295 4	8 3	7 5	-3 6	310 4	315 6	1 7	46 4	4 7	147
17.7	53 0	5051.0	550.0	-8 6	-18 5	284 7	6 4	6 2	-1 6	313 9	319 0	1 6	44 5	5 2	143
19 0	56 3	5411.1	525.0	-10 2	-27 0	305 2	4 2	3 4	-2 4	316 2	319 0	0 8	24 7	5 5	140
20 4	59 6	5785 6	500.0	-12.5	-36 1	351 8	3 3	0.5	-3 3	317 8	319 0	0 3	11 7	5 7	141
21 8	63 0	6174.5	475.0	-16 1	-37.7	354.3	4 5	0.4	-4 4	318 1	319 2	0 3	13 4	6 0	143
23.3	66 6	6579.2	450.0	-19 4	-40 1	335 1	5 4	2.3	-4.9	318 9	319 8	0 3	13 9	6 4	144
24 8	70 3	7001 4	425.0	-22.9	-42 7	328 6	8 1	4.2	6 9	319 7	320 4	0 2	14 2	7 0	145
26 5	74 2	7442.4	400 0	-26.6	-46 2	326 3	11 2	6.2	-9 3	320 4	321 0	0 1	13 7	7 9	145
28.2	78 2	7905.3	375.0	-30.0	-49 1	305 9	13 5	10.9	-7 9	321 9	322 3	0 1	13 5	9 2	144
30.0	82 3	8392.4	350.0	-34.4	-52 4	301 1	14 6	12 5	-7 5	322 4	322 7	0 1	14.0	10 7	141
31.8	86 7	8907.2	325.0	-37.6	-55.2	308 2	14 5	11 4	-9 0	324 9	325 1	0 1	13 8	12 3	139
34.2	91 4	9455.0	300.0	-41.6	99 9	303 5	16 7	13.9	-9.2	326 7	999 9	99 9	999 9	14.3	137
36.4	96 2	10039 0	275 0	-46 4	99 9	302 6	17 4	14.7	-9 4	328 0	999 9	99 9	999 9	16 6	135
38.8	101.4	10666 4	250.0	-50 5	99 9	305 5	16 9	13.8	-9 8	331 0	999 9	99 9	999 9	18 9	134
41.5	106 8	11348.7	225.0	-54.3	99 9	303 6	20.4	17 0	11 3	335 3	999 9	99 9	999.9	21 9	132
44 6	112 7	12095.1	200 0	-59 4	99 9	298 8	23 3	20 4	-11 2	338 8	999 9	99 9	999 9	25 9	131
47 7	118 7	12925 7	175.0	-62 0	99 9	296 6	23 4	20 9	-10 5	347 7	999 9	99 9	999 9	30 2	129
51 4	125.5	13878.8	150.0	-61.0	99 9	295 2	25 4	23.0	-10 8	365 0	999 9	99 9	999 9	35 4	127
55.5	132 3	15004 4	125 0	-63.3	99 9	296 3	23 3	20 8	-10 3	380 4	999 9	99 9	999 9	41 3	125
60 5	139 7	16379.3	100.0	-62 2	99.9	294 3	18 3	16 7	-7.5	407 6	999 9	99 9	999 9	47 4	124
66.8	147 3	18148.2	75.0	-62 7	99 9	313 0	10 7	7 8	-7 3	441 5	999 9	99 9	999 9	52 5	123
75 1	155 3	20872 0	50.0	-59.2	99 9	346 2	4 3	1 0	-4 2	504 1	999 9	99 9	999 9	54 4	125
88 1	163.7	25104.6	25.0	-51.3	99 9	999 9	99.9	99 9	99 9	637 7	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

1 MAY 1982
1100 GMT

161 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	33.0	1013.8	18.9	17.2	40.0	2.1	-1.3	-1.6	290.9	322.5	12.3	90.0	0.0	0.
0.4	5.6	151.3	1000.0	19.2	18.7	80.1	8.1	-8.0	-1.4	292.4	327.7	13.8	97.1	0.2	232
1.1	7.9	369.7	975.0	18.7	18.2	102.1	7.8	-7.6	1.6	294.2	329.3	13.7	97.0	0.4	255
1.8	10.1	592.8	950.0	16.9	15.3	119.3	6.4	-5.8	3.2	294.4	324.7	11.6	90.0	0.7	272
2.6	12.3	820.7	925.0	16.2	13.4	116.7	5.2	-4.6	2.3	295.9	323.7	10.5	83.2	1.0	280
3.4	14.5	1054.0	900.0	15.1	13.1	113.4	4.3	-4.0	1.7	297.1	325.3	10.6	87.6	1.2	282
4.2	16.8	1292.8	875.0	13.6	11.4	109.4	4.5	-4.3	1.5	297.9	324.0	9.8	86.7	1.4	284
4.9	19.2	1536.7	850.0	12.6	-1.9	116.3	6.3	-5.6	2.8	299.4	310.5	3.9	36.4	1.6	284
5.7	21.6	1787.0	825.0	11.7	-4.7	132.6	7.6	-5.5	5.2	301.0	310.4	3.3	31.4	1.9	288
6.6	24.0	2043.1	800.0	10.0	-15.3	134.5	6.0	-5.7	5.6	301.8	306.2	1.4	15.1	2.3	293
7.5	26.4	2306.2	775.0	8.6	-13.1	131.4	9.6	-7.2	6.4	303.0	308.5	1.8	20.4	2.8	296
8.4	28.9	2575.9	750.0	6.2	-10.9	137.0	10.0	-6.6	7.3	303.3	309.9	2.2	28.2	3.3	299
9.3	31.4	2852.9	725.0	4.2	-7.5	139.6	9.3	-6.0	7.1	304.1	313.0	3.0	42.7	3.8	302
10.2	34.0	3137.3	700.0	2.0	-4.6	144.7	9.1	-5.2	7.4	304.7	316.0	3.9	61.2	4.2	304
11.3	36.7	3430.3	675.0	0.3	-7.8	161.5	8.3	-2.6	7.9	306.0	315.4	3.2	54.7	4.8	307
12.3	39.4	3732.1	650.0	-1.6	-1.9	180.0	5.7	-0.0	5.7	307.2	322.0	5.1	98.1	5.1	311
13.4	42.2	4044.1	625.0	-3.2	-4.4	223.4	2.8	1.9	2.1	308.8	321.8	4.4	91.3	5.2	313
14.5	45.0	4366.6	600.0	-4.8	-7.3	263.9	3.1	3.1	0.3	310.6	321.6	3.7	82.1	5.1	315
15.7	48.0	4700.2	575.0	-7.6	-8.5	257.5	4.0	3.9	0.9	311.1	321.6	3.5	93.1	5.0	317
18.8	51.0	5046.3	550.0	-8.8	-13.8	269.1	5.8	5.6	0.1	313.7	321.1	2.4	67.1	4.8	320
18.2	54.1	5405.2	525.0	-11.6	-17.0	283.3	6.3	6.1	-1.4	314.5	320.5	1.9	63.8	4.4	324
19.5	57.4	5777.9	500.0	-14.0	-18.0	273.2	9.1	9.0	-0.5	316.0	321.8	1.9	71.9	4.0	330
20.8	60.6	6165.9	475.0	-16.2	-31.1	268.3	12.5	12.5	0.4	317.9	320.0	0.6	27.3	3.7	342
22.4	64.1	6570.9	450.0	-18.0	-38.7	274.5	16.2	16.2	-1.3	320.6	321.7	0.3	14.2	3.5	3
23.9	67.7	6996.0	425.0	-20.6	-42.4	276.5	17.1	17.0	-1.9	322.3	323.1	0.2	12.3	3.7	28
25.6	71.5	7440.7	400.0	-24.8	-44.8	271.8	18.9	18.9	-0.6	322.8	323.4	0.2	13.5	4.8	48
27.5	75.5	7906.6	375.0	-28.8	-47.9	273.4	22.2	22.2	-1.3	323.8	324.3	0.1	13.5	6.6	62
29.3	79.5	8396.5	350.0	-32.9	-51.2	273.6	24.1	24.1	-1.5	324.4	324.8	0.1	13.9	8.9	71
31.3	83.8	8913.3	325.0	-37.3	-54.2	263.6	27.7	27.5	3.1	325.3	325.6	0.1	15.1	11.6	76
33.4	88.2	9460.6	300.0	-42.0	99.9	255.4	29.0	28.1	7.3	326.1	999.9	99.9	999.9	15.5	76
35.5	93.0	10043.1	275.0	-45.8	99.9	258.2	27.6	27.0	5.6	328.9	999.9	99.9	999.9	19.0	76
37.7	98.0	10671.7	250.0	-49.6	99.9	246.3	27.8	25.4	11.2	332.3	999.9	99.9	999.9	22.6	76
40.1	103.3	11353.8	225.0	-54.9	99.9	240.4	31.3	27.2	15.4	334.4	999.9	99.9	999.9	26.7	73
42.8	108.8	12102.3	200.0	-57.1	99.9	259.2	31.6	31.0	5.9	342.4	999.9	99.9	999.9	32.0	72
45.8	114.8	12940.3	175.0	-60.8	99.9	264.9	27.1	27.0	2.4	349.6	999.9	99.9	999.9	37.1	74
49.5	121.3	13898.4	150.0	-61.2	99.9	272.6	24.6	24.5	-1.1	364.8	999.9	99.9	999.9	42.8	76
53.4	128.2	15029.3	125.0	-62.8	99.9	273.2	17.9	17.9	-1.0	381.4	999.9	99.9	999.9	47.3	78
58.4	135.7	16390.5	100.0	-64.1	99.9	278.3	16.9	16.7	-2.4	403.9	999.9	99.9	999.9	52.4	80
64.6	143.3	18140.1	75.0	-66.5	99.9	300.8	9.5	8.2	-4.9	433.6	999.9	99.9	999.9	56.9	82
73.5	151.7	20633.7	50.0	-60.1	99.9	273.6	3.7	3.7	-0.2	501.9	999.9	99.9	999.9	57.7	83
87.6	160.3	25080.3	25.0	-50.4	99.9	332.7	5.7	2.6	-5.1	640.2	999.9	99.9	999.9	59.0	84

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

1 MAY 1982
1415 GMT

150 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4 2	33.0	1015.8	21.4	19.5	45 0	3 6	-2 5	-2 5	293 2	329 8	14 2	89 0	0 0	0
0 5	5 5	109.0	1000.0	19 7	18 7	85 2	5 9	-5 9	-0.5	292 9	328 2	13 8	93 9	0 2	236
1.3	7.6	387.9	975.0	19.3	18.7	100 3	5.4	-5 3	1 0	294 5	331 1	14 1	96 7	0 4	257
2 2	9 8	611.6	950.0	17.8	16.6	114 9	4 4	-4.0	1 9	295 3	328 3	12 7	92 6	0 7	269
2 9	11.8	840 0	925 0	16.3	13.9	118 0	3.5	-3.1	1 6	296.0	324 8	10 9	85 7	0 8	275
3 8	14.1	1073 2	900.0	15 5	9.2	119 9	4 8	-4 2	2 4	297 5	319 6	8 2	66 2	1 0	280
4 7	16.3	1312.0	875 0	14 5	3 4	117 9	7 0	-6 2	3 3	298 9	314 4	5 6	47 1	1 3	284
5 6	18 5	1556 7	850.0	13.6	1 3	124 9	7 2	-5 9	4 1	300 4	314 3	5 0	43 1	1 7	287
6 5	20 8	1807.5	825.0	11.9	-0 2	132 0	8 2	-6 1	5 5	301 1	314 1	4 6	43 3	2 1	292
7.4	23 1	2064 0	800.0	9 8	3 4	129 6	9 2	-7 1	5 8	301 3	318 4	6 1	65 4	2 5	296
8 4	25.5	2327 1	775.0	8.0	1 8	125 5	8 9	-7 3	5 2	302 4	318 3	5 6	64 8	3 1	298
9 4	27.9	2597 1	750 0	6.3	-2 9	124 3	8 9	-7 4	5 0	303 4	315 3	4 1	51 7	3 6	299
10 4	30 4	2874 4	725.0	4 2	-1 5	126 6	8 8	-7 1	5 2	304 1	317 7	4 8	68 8	4 1	299
11 3	33.0	3159.0	700 0	2 2	-3 0	135 2	8 3	-5 9	5 9	304 9	317 6	4 4	68 5	4 6	301
12 3	35.6	3452 1	675 0	0 2	-1 9	145 3	6 7	-3 8	5 5	305 9	320 1	4 9	85 9	5 0	302
13.5	38.2	3754.0	650 0	-2.1	-2 8	157 3	3 8	-1 5	3 5	306 6	320 5	4 8	95 0	5 4	304
14.7	40.9	4065 5	625 0	-3.5	-4 2	230 5	1 1	0 8	0 7	308 5	321 6	4 5	94 6	5 5	305
15.9	43.8	4388.5	600.0	-4 8	-7 1	290 3	1 5	1 4	-0.5	310 6	321 7	3 7	83 8	5 4	305
17 1	46.6	4722.4	575 0	-6.7	-9 0	301 2	4 1	3 5	-2 2	312 1	322 3	3 4	84 0	5 2	306
18.6	49.6	5068.9	550.0	-8.6	-14.9	300 3	4 2	3 6	-2 1	313 9	320 7	2 2	60 2	4 8	306
19 9	52.8	5428.3	525.0	-10 5	-19.2	294.8	5.3	4 8	-2 2	315 8	320 9	1 6	48 8	4 5	306
21 3	55 8	5803 0	500.0	-12.1	-24 0	296.2	9 4	8 4	-4 1	318 2	321 8	1 1	36 3	3 9	308
22 7	59.0	6193.2	475.0	-15.2	-26 8	291 7	12 8	11 9	-4 7	319 2	322 2	0 9	36 0	3 0	312
24.4	62.4	6599.6	450.0	-17.9	-33.8	290 7	15.2	14 2	-5 4	320 8	322 5	0 5	23 4	1 7	331
26 1	65.9	7025.1	425.0	-20 6	-30 4	286.4	17 6	16 9	-5 0	322 6	325 0	0 7	41 0	1 2	33
27 8	69 6	7470.8	400.0	-24.1	-32.8	282 4	20.2	19 7	-4.4	323 7	325 8	0 6	44 4	2 6	80
29 5	73.3	7937 9	375.0	-27.9	-35 9	276 4	21 0	20 8	-2 4	324 7	326 3	0 5	46 0	4 7	88
31 4	77 3	8428 6	350.0	-32 7	-37 5	276 4	22.8	22.5	-2 5	324 7	326 2	0 4	61 5	7 1	91
33 3	81 5	8947.4	325.0	-36.0	-45 4	280 0	24 8	24 4	-4 3	327 1	327 8	0 2	36 9	9.8	93
35 3	86.0	9497.5	300.0	-40 9	99 9	283 6	26 1	25 3	-6 1	327 8	999 9	99 9	999 9	12.8	95
37 1	90 6	10083.4	275.0	-45 6	99 9	286 9	24 8	23 7	-7 2	329 1	999 9	99 9	999 9	15 7	97
39.4	95 6	10714.1	250.0	-47.8	99 9	281 2	26 1	25 6	-5 1	335 1	999 9	99 9	999 9	18 9	98
41.6	101.0	11402.1	225.0	-53.0	99.9	271 3	26 8	26.8	-0 7	337 3	999 9	99 9	999 9	22 5	98
44 4	106 8	12155 1	200 0	-55 7	99.9	282 4	29 1	28 4	-6 2	344 5	999 9	99 9	999 9	27 4	98
47.2	112 7	13000.4	175 0	-59.5	99.9	283 2	25.6	25 0	-5 8	351 7	999 9	99 9	999 9	31 9	99
50 5	119.2	13984.2	150.0	-60.4	99.9	279 3	25.1	24 8	-4 1	366 1	999 9	99.9	999 9	37 0	99
54 8	126.2	15102.5	125.0	-60.5	99 9	279 6	19 1	18 8	-3 2	385 4	999 9	99 9	999 9	42 9	99
59.7	133.7	16477.3	100.0	-62 9	99 9	279 1	13 4	13 2	-2 1	406 3	999 9	99 9	999 9	47 5	99
65 7	141.3	18240.3	75 0	-63.8	99 9	294 9	8.2	7 5	-3 5	439 1	999 9	99 9	999 9	51 3	99
74 0	149.7	20759.4	50.0	-57 4	99 9	347 0	3 7	0 8	-3 8	506 3	999 9	99 9	999 9	52 8	100
87.8	158 3	25244.0	25.0	-47.6	99 9	999 9	99.9	99 9	99 9	648 3	999 9	99 9	999 9	52 3	101

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

1 MAY 1982
1720 GMT

166 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 2	33.0	1015 9	26 1	17 2	60.0	6 2	-5 4	-3 1	297 9	330 3	12 3	58 0	0 0	0
0 4	8 6	172 1	1000 0	24 7	16 5	129 6	2 3	-1 8	1 5	297 9	329 4	11 9	60 4	0 1	253
1 0	8.8	393.6	975 0	22 3	15 8	91.8	3 2	-3 2	0 1	297 6	328 5	11 7	56 4	0 1	271
1 4	11.1	619 2	950.0	19 8	14 7	68 1	5 7	-5 3	-2 1	297 3	327 0	11 2	72 4	0 3	263
1 9	13 4	846 7	925 0	17 6	14 8	71 5	5 4	-5 1	-1 7	297 3	327 9	11 6	84 0	0 5	252
2 6	15 7	1082 7	900 0	15 5	14 6	100 4	4 6	-4 6	0 8	297 5	328 5	11 7	94 5	0 7	257
3 3	18 1	1321 3	875 0	13 0	12 2	119 2	5 2	-4 5	2 5	297 3	324 8	10 3	94 9	0 9	264
4 1	20 5	1564 8	850.0	11 7	10 2	129 0	6 4	-5 0	4 0	298 4	323 3	9 3	90 8	1 0	274
4 8	23 0	1814.1	825 0	9 5	8 7	1[illegible] 2	9 0	-7 8	4 5	298 6	321 9	8 6	95 1	1 3	281
5 9	25 5	2069.6	800 0	7 8	6 5	123 5	9 5	-7 9	5 2	299 5	320 3	7 6	91 1	1 9	287
6 9	28.1	2330.6	775 0	5 4	-0 9	125 2	9 0	-7 4	5 2	299 6	312 5	4 6	63 8	2 5	291
7 9	30 7	2598.6	750 0	5 1	-1 8	121 5	8 7	-7 4	4 5	302 1	314 8	4 5	61 0	3 0	293
8 7	33 3	2875.9	725 0	5 6	-6 1	121 3	6 6	-5 6	3 4	305 6	315 4	3 3	42 5	3 4	294
9 8	36 0	3161 7	700 0	3 2	-7 2	127 8	6 0	-4 8	3 7	306 0	315 1	3 2	46 4	3 8	295
10 8	38 7	3455 8	675 0	0 9	-2 8	140 3	4 1	-2 6	3 2	306 6	320 0	4 6	76 3	4 1	297
11 7	41.4	3758 5	650 0	-0 8	-3 0	126 4	1 9	-1 6	1 1	308 1	321 9	4 7	84 7	4 2	298
12 8	44 4	4070 9	625.0	-3 1	-4 2	77 5	1 2	-1 2	-0 3	308 9	322 1	4 5	92 5	4 3	297
14.0	47 3	4393 3	600.0	-4 8	-8 0	9 3	1 9	-0 3	-1 8	310 6	321 0	3 5	77 9	4 3	296
15 2	50 3	4728.1	575 0	-5 3	-12 5	310 0	3 1	2 4	-2 0	313 8	321 7	2 6	57 0	4 2	295
16 4	53 4	5076.0	550 0	-7 2	-17 0	297 8	6 4	5 6	-3 0	315.5	321 3	1 8	45 4	3 9	294
17 7	56 6	5437 4	525.0	-9 3	-19 2	289 6	8 4	7 9	-2 8	317 2	322 3	1 6	44 2	3 3	295
19 1	59 9	5812.7	500 0	-11 6	-19 4	292 7	9 4	8 7	-3 6	318 9	324 2	1 6	52 5	2 6	296
20 4	63 3	6203 9	475 0	-14 4	-32 2	296 8	10 8	9 7	-4 9	320 1	322 1	0 6	21 5	1 7	296
21 8	66.7	6612 0	450 0	-17 0	-27 9	292 0	10 3	9 6	-3 9	321 8	324 7	0 8	38 1	0 8	294
23 4	70 4	7038.6	425 0	-19 9*	-30 3	243 6	12 6	11 3	5 6	323 4	325 9	0 7	39 1	0 4	335
24 9	74 2	7485.0	400 0	-23 5*	-35 6	296 5	25 2	22 6	-11 3	324 4	326 0	0 5	31 8	1 7	79
26 4	78 2	7953.9	375 0	-26 2	-45.0	299 9	18 3	15 9	-9 1	326 9	327 6	0 2	15 0	3 4	105
28 0	82 3	8449 2	350 0	-30 3	-48 4	296 9	19 0	17 0	-8 6	327 9	328 4	0 1	15 0	5 1	110
29 9	86 7	8971.6	325.0	-34 8	-51 7	299 0	20 6	18 0	-10 0	328 8	329 2	0 1	15 8	7 3	112
31 8	91 2	9524.4	300.0	-39 5	99 9	301 7	21 8	18 5	-11 5	329 8	999 9	99 9	999 9	9 7	114
34 1	96 0	10113.5	275.0	-44 2	99 9	295 8	22 6	20 3	-9 8	331 2	999 9	99 9	999 9	12 8	116
36 3	101.0	10746 7	250.0	-48 6	99 9	288 7	23 9	22 6	-7 7	333 9	999 9	99 9	999 9	15 8	115
38 7	106 5	11431 7	225.0	-53 9	99 9	284 5	27 3	26 5	-6 8	336 0	999 9	99 9	999 9	19 3	113
41.1	112 2	12182.7	200 0	-57 3	99 9	287 2	27 2	26 0	-8 0	342 1	999 9	99 9	999 9	23 4	112
43 8	118 5	13023 2	175.0	-57 8	99 9	284 2	25 6	24 8	-6 3	354 5	999 9	99 9	999 9	27 5	111
46.9	125 0	13981.6	150.0	-59.1	99 9	285 5	24 8	23 9	-6 6	368 2	999 9	99 9	999 9	32 3	110
50 5	132.0	15128.8	125 0	-62 4	99 9	282 7	20 6	20 1	-4 5	382 0	999 9	99 9	999 9	37 1	109
55 0	139 5	16504.7	100 0	-62 6	99 9	274 0	13 4	13 3	-0 9	406 9	999 9	99 9	999 9	41 8	109
61.0	147.7	18264 3	75.0	-64 4	99 9	268 8	9 3	9 3	0 2	437 9	999 9	99 9	999 9	45 9	107
69 0	156.0	20765.9	50 0	-58 8	99 9	215 5	3 6	2 1	2 9	505 0	999 9	99 9	999 9	47 1	107
82 2	164.7	25238.6	25.0	-47 4	99.9	145 0	5 2	-3 0	4 2	648 8	999 9	99 9	999 9	47 5	107

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

1 MAY 1982
2045 GMT

163 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	33 0	1014.1	27 8	14.4	90 0	8 2	-8 2	0 0	299 8	327 3	10 3	44 0	0 0	0
0.4	6.6	157 1	1000 0	28.5	15 0	89 7	5 6	-5 6	-0 0	299 7	328 7	10 8	48 4	0 2	268
0.9	9.0	379 7	975 0	24.2	13.9	91 8	5 6	-5 6	0 2	299 5	327 2	10 3	52 7	0 4	269
1.4	11 6	606.3	950.0	21 6	13.4	94 7	5.1	-5 1	0 4	299 2	326 7	10 3	59 5	0 5	270
1.9	14.1	837 0	925.0	19 4	12 6	91 5	4 8	-4 8	0 1	299 1	326 0	10 0	64 9	0 7	272
2.5	16.7	1072 2	900.0	16 9	12 5	88 9	4 9	-4 9	-0 1	298 9	326 2	10 2	75 3	0 8	271
3.2	19 3	1311 9	875.0	14 3	11 4	96.7	5 2	-5 1	0 6	298 7	324 9	9 6	82 8	1 0	271
3.7	21.9	1556 7	850.0	12 2	10 9	106 2	5.4	-5 2	1 5	298 9	325 1	9 7	91 9	1 2	272
4.3	24.5	1806 8	825.0	10 2	8.8	112 8	5 3	-4 9	2 1	299 4	322 9	8 7	91 3	1 4	275
5.1	27.1	2062 4	800.0	8.0	7 2	116 7	6 1	-5 4	2 7	299 7	321 5	8 0	94 8	1 7	279
6.3	29 8	2324 4	775.0	6.3	5 7	112 9	7 3	-6 7	2 8	300 6	321 0	7 4	95 6	2 1	282
7.3	32.4	2593 6	750 0	5 3	4 5	107 3	7 1	-6.8	2 1	302 4	322.0	7 1	94 3	2 6	284
8.5	35.2	2870 2	725 0	3 0	-1.5	124.7	4 8	-4 0	2 7	302 7	316 3	4 8	72 7	3 0	285
9.4	38.0	3153 6	700 0	0.9	-8 4	144 9	3.7	-2 1	3 1	303 5	312 0	2 9	49 8	3 2	287
10.4	40.8	3445.8	675.0	0.4	-3 7	146 7	2.2	-1 2	1 8	306 1	318 6	4 3	74 2	3 3	289
11.4	43.6	3748.0	650 0	-1.3	-5 4	155 2	0.9	-0 4	0 8	307 5	319 1	4 0	73 9	3 4	290
12.4	46.4	4000.8	625 0	-3.1	-8.5	304 8	1.3	1.1	-0 7	308 9	320 1	3 8	78 1	3 4	290
13.4	49.4	4382.4	600.0	-4.9	-13.3	312 4	4 8	3 5	-3 2	310 5	317 5	2 3	51 6	3 2	289
14.8	52.3	4718.5	575 0	-8.3	-19 2	295 3	7 2	6.5	-3 1	312 7	317 3	1 5	35 2	2 8	287
15 8	55 4	5063.0	550 0	-8.3	-25 3	293 4	6 3	5.8	-2 5	314 2	317 2	0 9	24 4	2 3	286
16 9	58.4	5422.4	525 0	-10.3	-31.5	307.3	6 6	5 3	-4.0	316 1	317 9	0 5	15 5	1 9	282
18.1	61.5	5797 4	500.0	-11.7	-28.8	310 0	8 4	6 5	-5 4	318 8	321 3	0 7	23 7	1 5	273
19 4	64.8	6188.9	475.0	-13.9	-23.6	999 9	99.9	99 9	99 9	320 8	324 8	1 2	43 9	999 9	999
20.7	68.0	6596 6	450.0	-17.1	-30 0	999 9	99 9	99 9	99 9	321 8	324 2	0 7	31 4	999 9	999
22.3	71.4	99 9	425.0	99.9**	99 9	999.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
23.7	74.7	99.9	400 0	99.9**	99 9	999 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
25.3	78.3	99 9	375.0	-26 3	-46 1	999 9	99 9	99 9	99 9	326 8	327 4	0 2	13.4	999 9	999
26.9	81 9	99 9	350.0	-30.0	-49.3	999 9	99.9	99 9	99 9	328 3	328 7	0 1	13 2	999 9	999
28.5	85.7	99.9	325 0	-34.5	-53.3	999 9	99 9	99 9	99 9	329 2	329 5	0 1	12 7	999 9	999
30.2	89 7	99 9	300.0	-39 1	-57 1	999 9	99 9	99 9	99 9	330 3	330 5	0 1	12 6	999 9	999
32.0	93.7	99.9	275.0	-44.0	99.9	999 9	99 9	99 9	99 9	331 4	999 9	99 9	999 9	999 9	999
34.1	98.0	99.9	250 0	-48 9	99.9	999 9	99 9	99 9	99 9	333 4	999 9	99 9	999 9	999 9	999
36.3	102 6	99.9	225 0	-53 2	99 9	999 9	99 9	99 9	99 9	337 0	999 9	99 9	999 9	999 9	999
38.9	107.5	99.9	200.0	-58 7	99.9	999 9	99.9	99 9	99 9	342 9	999 9	99 9	999 9	999 9	999
41.7	112.8	99 9	175.0	-50 5	99 9	999 9	99 9	99 9	99 9	350 0	999 9	99 9	999 9	999 9	999
45.0	118.7	99 9	150 0	-60.1	99 9	999 9	99 9	99 9	99 9	366.6	999 9	99 9	999 9	999 9	999
48.9	125.2	99 9	125.0	-62.1	99.9	999 9	99 9	99 9	99 9	382 6	999 9	99 9	999 9	999 9	999
53.5	132.7	99.9	100.0	-64 7	99.9	999 9	99.9	99 9	99 9	402 8	999 9	99 9	999 9	999 9	999
58.2	141.3	99.9	75.0	-63.4	99 9	999 9	99.9	99 9	99 9	440 0	999 9	99 9	999 9	999 9	999
67 1	151.5	99 9	50 0	-60 5	99 9	999 9	99 9	99 9	99 9	500 9	999 9	99 9	999 9	999 9	999
70.7	182.7	99.9	25.0	-48.1	99 9	999 9	99 9	99 9	99 9	646 7	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 255
VICTORIA, TEXAS

1 MAY 1982
2315 GMT

168 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5.5	33.0	1013 4	26 5	16 4	120 0	6 7	-5 8	3 3	298 5	329 6	11 7	54 0	0 0	0
0 4	8 8	150 3	1000.0	24.8	16 5	121 7	9 1	-7 7	4 8	298 0	329 5	11 9	59 8	0 3	305
1 1	9 9	371.9	975 0	22.3	15 8	112 1	9 7	-9 0	3 7	297 7	328 6	11 7	66 5	0 6	302
1 8	11 3	597.8	950 0	20 5	14 7	97 8	9 8	-9 5	1 3	298 0	327 7	11 2	69 4	1 0	294
2 6	13 8	827 7	925 0	18 7	13 3	82 3	8 1	-8 1	-1 1	298 4	326 3	10 5	71 0	1 5	287
3 5	16 0	1062 6	900 0	17 1	12 0	69 5	6 5	-6 0	-2 3	299 1	325 6	9 9	72 0	1 8	281
4 4	18 4	1302 6	875 0	15 0	10 6	78 6	6 6	-6 4	-1 3	299 4	324 3	9 2	74 8	2 1	
5 2	20 8	1547 8	850.0	1[illegible] 4	8 9	85 6	6 8	-6 8	-0 0	300 2	323 3	8 5	74 4	2 4	
6 2	23 4	1798.5	825 0	10 8	7 9	91 9	7 2	-7 2	0 2	300 0	322 2	8 2	82 4	2 8	[illegible]
7 1	25.9	2054 7	800 0	9 7	0 9	104 6	6 6	-6 4	1 7	301 5	315 9	5 1	54 5	3 2	2[illegible]4
8 9	28 8	2318 0	775 0	8 5	-2 5	119 1	8 4	-5 6	3 1	302 9	314 7	4 1	45 8	3 5	2[illegible]6
9.0	31 1	2588.1	750.0	6 6	-6 8	124 9	5 1	-4 2	2 9	303 7	312 8	3 1	37 9	3 8	278
10 1	33.7	2865 9	725.0	4 9	-0 7	127 6	4 2	-3 3	2 5	304 9	319 3	5 0	67 1	4 1	280
11 2	36 4	3151 7	700 0	3 0	-2 8	140 6	2.5	-1 6	1 9	305 8	318 7	4 4	65 5	4 3	282
12 3	39.2	3445 8	675 0	1 5	-2 1	133 8	1 2	-0 9	0 8	307 3	321 4	4 9	77 1	4 4	283
13 4	42.0	3748.4	650 0	-0 1	-3 8	21 3	1 0	-0 4	-1 0	308 9	321 9	4 5	76 1	4 4	283
14 6	44 9	4062 7	625 0	-1 9	-6 7	350 8	2 0	0 3	-2 0	310 3	321 3	3 7	69 7	4 4	282
15 8	48 0	4388.4	600 0	-4 0	-7 7	320.9	3 7	2 4	-2 9	311 5	322 2	3 6	75 4	4 3	279
17 0	51 0	4722 1	575 0	-4 6	-12 2	296 1	5 9	5 3	-2 6	314 6	322 6	2 6	55 1	4 0	277
18 5	54 3	5070.9	550 0	-6 7	-16 1	295 6	6 2	5 6	-2 7	316 1	322 4	2 0	47 0	3 4	275
19 8	57.4	5432 7	525 0	-9 2	-21 3	314 2	6 0	4 3	-4 2	317 3	321 7	1 3	36 7	3 0	270
21.3	60 7	5807 9	500 0	-12 0	-21 6	304 5	6.9	5 7	-3 9	318 5	322 9	1 4	44 5	2 6	262
22 8	64 1	6198 8	475 0	-14 7	-18 8	292 4	8 8	8 0	-3 3	319 8	325 7	1 8	70 8	2 1	252
24 3	67 8	6607.2	450 0	-16.2	-26 2	294 7	11 2	10 7	-4 7	322 9	325 7	0 8	34 5	1 5	228
25 8	71 6	7035.5	425.0	-18 6	-32 7	295 4	12 7	11 5	-5 5	324 9	326 9	0 6	28 0	1 5	185
27 4	75 3	7463.5	400.0	-22 6	-35 8	293 4	12 9	11 8	-5 1	325 6	327 2	0 1	28 7	2 2	153
29 1	79.3	7954 0	375 0	-25.9	-39 8	299 9	13 0	11 3	-6 5	327 3	328 4	0 0	26 2	3 4	139
31 1	83 5	8450.0	350.0	-29 8	-44 5	304 4	13 6	11 2	-7 7	328 5	329 3	0 2	22 2	4 8	135
33 4	88.0	8972.7	325 0	-34 7	-48 2	300 6	15.4	13 3	-7 9	328 9	329 5	0 1	23 4	6 8	131
35 3	92 6	9527 0	300.0	-39 2	99 9	290 0	18 0	17 0	-6 2	330 2	999 9	99 9	999 9	9 7	127
37 7	97 4	10118 4	275.0	-43 1	99 9	292 5	22 0	20 3	-8 4	332 8	999 9	99 9	999 9	11 4	123
40 1	102 6	10755.1	250.0	-47 3	99 9	293 3	29 2	26 8	-11 6	335 8	999 9	99 9	999 9	15 0	121
42.5	108.0	11442.8	225 0	-53 2	99 9	292 4	32 3	29 9	-12 3	337 0	999 9	99 9	999 9	19 5	119
45 4	114 0	12182 0	200.0	-58 2	99 9	287 7	31 8	30 3	-9 7	340 5	999 9	99 9	999 9	25 1	117
48 7	120 0	13025 8	175 0	-59 6	99 9	286 6	30.0	28 8	-8 6	351 5	999 9	99 9	999 9	31 1	115
52.3	126.7	13991.0	150.0	-60.6	99 9	291 4	27 5	25 6	-10 0	365 6	999 9	99 9	999 9	37 3	114
56.4	133.7	15115 0	125 0	-64.0	99 9	288 5	24 1	22 9	-7 6	379 2	999 9	99 9	999 9	43 7	113
61.6	141 3	16480.2	100.0	-64 0	99 9	287 4	17 4	16.6	-5 2	404 1	999 9	99 9	999 9	50 4	112
67.7	146 3	18235 7	75 0	-64 9	99 9	283 0	8 8	8 5	-2 0	437 0	999 9	99 9	999 9	54 8	112
76 2	158 0	20721 6	50 0	-60 3	99 9	312 5	3 3	2 5	-2 3	501 3	999 9	99 9	999 9	56 7	111
90 0	168 7	25174.3	25.0	-50 0	99 9	330 6	5 7	2 8	-5 0	641 2	999 9	39 9	999 9	56 8	114

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

2 MAY 1982
215 GMT

164 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	33.0	1015.1	20.4	15.2	100.0	4.1	-4.0	0.7	292.3	320.3	10.8	72.0	0.0	0
0.5	6.6	163.1	1000.0	21.0	16.6	115.5	10.1	-9.1	4.4	294.2	325.4	12.0	75.7	0.0	290
1.2	8.8	382.3	975.0	19.5	16.8	112.5	10.7	-9.9	4.1	294.7	327.2	12.5	84.5	0.7	294
2.1	11.0	605.9	950.0	17.8	16.5	98.6	9.8	-9.7	1.5	295.3	328.0	12.5	91.8	1.2	291
2.9	13.3	834.4	925.0	16.3	14.8	89.3	9.8	-9.8	-0.1	296.0	326.5	11.8	90.9	1.7	286
3.7	15.6	1067.8	900.0	15.1	13.2	94.5	9.4	-9.3	0.7	297.1	325.5	10.7	88.4	2.1	282
4.6	18.0	1306.2	875.0	13.4	7.6	102.9	8.0	-7.8	1.8	297.7	318.0	7.5	67.7	2.6	282
5.4	20.4	1549.9	850.0	11.9	5.5	111.5	8.1	-7.5	3.0	298.6	316.9	6.7	65.3	3.0	282
6.4	22.7	1799.5	825.0	10.3	5.7	120.2	8.9	-7.7	4.5	299.5	318.7	7.0	73.5	3.4	284
7.3	25.1	2055.4	800.0	9.1	3.6	127.1	7.8	-6.2	4.7	300.8	318.0	6.2	68.4	3.9	287
8.3	27.6	2318.3	775.0	8.2	-1.2	144.6	4.9	-2.8	4.0	302.6	315.5	4.5	51.6	4.2	289
9.4	30.2	2588.4	750.0	6.7	-3.8	131.1	2.9	-2.2	1.9	303.9	315.0	3.9	47.1	4.4	291
10.3	32.7	2866.3	725.0	5.2	-4.8	64.4	1.1	-1.0	-0.5	305.2	315.9	3.7	48.7	4.5	291
11.5	35.4	3152.0	700.0	3.1	-2.2	320.4	1.3	0.8	-1.0	306.0	319.4	4.7	67.9	4.5	291
12.5	38.1	3446.3	675.0	1.3	-2.3	309.4	1.5	1.2	-1.0	307.2	321.0	4.8	76.4	4.4	290
13.6	40.9	3749.7	650.0	-0.6	-3.0	279.1	1.4	1.4	-0.2	308.3	322.1	4.7	84.1	4.3	290
14.6	43.7	4062.6	625.0	-2.1	-5.6	307.8	1.7	1.3	-1.0	310.0	322.0	4.1	77.5	4.2	290
15.7	46.6	4388.6	600.0	-3.4	-12.0	343.3	3.1	0.9	-3.0	312.2	320.0	2.5	51.3	4.1	288
16.9	49.5	4722.6	575.0	-4.8	-16.3	350.1	2.8	0.5	-2.7	314.4	320.3	1.9	39.9	4.0	286
18.2	52.6	5070.5	550.0	-7.7	-17.1	324.8	3.2	1.9	-2.6	314.9	320.7	1.8	47.2	3.9	283
19.5	55.9	5430.9	525.0	-10.5	-13.5	302.6	3.0	2.5	-1.6	315.8	323.8	2.6	76.2	3.7	281
20.9	59.0	5805.5	500.0	-12.4	-17.4	297.9	4.2	3.7	-2.0	318.0	324.2	2.0	66.0	3.4	280
22.6	62.4	6196.2	475.0	-14.6	-23.3	306.8	7.9	6.3	-4.7	319.9	324.0	1.2	47.7	2.9	275
24.5	66.0	6604.5	450.0	-16.4	-29.2	307.5	11.0	8.7	-6.7	322.6	325.2	0.8	32.0	2.0	258
26.4	69.7	7032.3	425.0	-19.1	-32.6	300.2	10.9	9.4	-5.5	324.5	326.5	0.6	29.2	1.5	220
28.1	73.5	7480.5	400.0	-22.5	-35.8	300.2	9.9	8.5	-5.0	325.7	327.3	0.4	28.4	1.7	181
30.0	77.7	7950.7	375.0	-26.9	-39.5	297.1	9.8	8.8	-4.5	326.1	327.2	0.3	28.9	2.4	157
32.1	81.8	8444.0	350.0	-31.1	-43.1	286.6	11.0	10.5	-3.1	326.9	327.7	0.2	29.1	3.4	142
34.2	86.0	8964.6	325.0	-35.2	-47.0	284.3	14.4	13.9	-3.5	328.2	328.8	0.2	28.5	4.7	130
36.5	90.6	9518.7	300.0	-38.8	99.9	296.1	21.7	19.5	-9.6	330.7	999.9	99.9	999.9	7.0	124
39.1	95.3	10112.1	275.0	-42.6	99.9	295.9	26.5	23.8	-11.6	333.6	999.9	99.9	999.9	10.9	121
41.6	100.2	10748.6	250.0	-47.6	99.9	290.3	31.4	29.4	-10.9	335.3	999.9	99.9	999.9	15.2	119
44.6	105.5	11435.2	225.0	-53.6	99.9	289.0	35.1	33.2	-11.4	336.4	999.9	99.9	999.9	21.0	115
47.4	111.0	12182.3	200.0	-59.7	99.9	288.0	37.3	35.5	-11.5	338.3	999.9	99.9	999.9	27.3	114
50.7	117.0	13010.8	175.0	-61.8	99.9	290.1	31.0	29.1	-10.7	347.9	999.9	99.9	999.9	34.1	113
54.6	123.5	13967.6	150.0	-62.1	99.9	292.5	25.0	23.1	-9.5	363.1	999.9	99.9	999.9	40.8	113
59.3	130.2	15091.2	125.0	-64.8	99.9	283.8	21.1	20.5	-5.0	377.6	999.9	99.9	999.9	47.0	113
64.5	137.3	16445.7	100.0	-67.5	99.9	283.6	16.3	15.8	-3.8	397.3	999.9	99.9	999.9	52.8	111
71.0	145.0	18177.9	75.0	-65.9	99.9	292.3	9.1	8.4	-3.5	434.6	999.9	99.9	999.9	58.0	111
79.8	153.2	20684.4	50.0	-59.8	99.9	343.9	4.3	1.2	-4.1	502.6	999.9	99.9	999.9	59.6	111
92.8	161.7	25082.2	25.0	-54.2	99.9	176.6	4.5	-0.3	4.5	629.1	999.9	99.9	999.9	58.8	113

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEXAS

2 MAY 1982
515 GMT

164 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5.3	33.0	1015.9	17.6	16.3	40.0	2 6	-1.7	-2.0	289.5	319 0	11 6	92.0	0 0	0
0.6	6.6	169.1	1000.0	19.3	18.5	89.2	7.6	-7.6	-0.1	292 5	327 4	13 6	95.1	0 2	257
1 4	8.8	387.6	975.0	19 0	16.0	97.1	9.4	-9 4	1 2	294 3	325 2	11 9	82.8	0 6	269
2.3	11 2	611.0	950.0	18.2	13.1	98.7	11.0	-10 9	1.7	295 7	322 3	10 1	72 1	1 2	273
3.1	13 5	839.4	925.0	16.9	11 1	101 3	11 5	-11 2	2 2	296 6	320 7	9 0	68.7	1 7	275
3 9	15.8	1072.8	900.0	15.5	9.8	105 0	10.3	-9 9	2 6	297 5	320 4	8 5	68 8	2 3	277
4 8	18.2	1311.5	875.0	14.1	5 6	105 7	9.1	-8.8	2 5	298 4	316 4	6 6	56 6	2 8	279
5 7	20.6	1555.6	850.0	12.5	4.5	110.9	8.6	-8.0	3 0	299 3	316 5	6 3	58 1	3 3	280
6 6	23.0	1805.5	825.0	11.2	5 5	116.3	7.7	-6 9	3 4	300 4	319 4	6 9	68 2	3 7	282
7 5	25.5	2062.2	800 0	10.3	0.7	121.2	5 9	-5 0	3 0	302 2	316 5	5 1	51 5	4 1	283
8 4	28 1	2325.7	775.0	8.3	-1.8	109.4	3.4	-3.3	1 1	302 8	315 1	4 3	48 7	4 3	284
9 3	30.7	2595.9	750 0	6 8	-3 2	94 8	2 9	-2 9	0 2	304 0	315 6	4 0	48 8	4 5	284
10 2	33 3	2873.8	725.0	5.1	-3 7	71 3	2.0	-1 9	-0.6	305.1	316 8	4 0	53 3	4 6	284
11 3	36.0	3159.2	700.0	2 7	-2.0	59 4	2.5	-2 2	-1.3	305 5	319 1	4 7	71 0	4 7	283
12 2	38 8	3453.2	675.0	1.0	-2 7	54 4	3 0	-2 4	-1 7	306.8	320 3	4 7	76 2	4 8	281
13 3	41.6	3758.2	650.0	-0.7	-3 3	350.1	1 8	0.3	-1.7	308.2	321 7	4 6	82 6	4 9	280
14 5	44.4	4069.3	625.0	-2.2	-5 1	268.4	2.5	2 5	0.1	310 0	322 3	4 2	80 5	4 8	279
15 7	47 5	4393.3	600.0	-3 2	-10 6	238 0	2 1	1 8	1 1	312.5	321 4	3 0	59 0	4 6	280
16 9	50.5	4729.6	575.0	-4 8	-17 1	211 1	2 5	1.3	2 2	314 4	319 9	1 7	37 2	4 5	282
18 0	53.6	5078 3	550.0	-6.6	-16.1	247 0	3 5	3 2	1 4	316 3	322 5	2 0	46 8	4 4	284
19 3	56 9	5440.2	525.0	-8.7	-21 4	280.4	6.1	6 0	-1 1	317 9	322 3	1 3	35 4	4 1	285
20 6	60 3	5816.4	500.0	-11 4	-21.5	282.5	8 4	8.2	-1 8	319 1	323 6	1 4	43 1	3.5	286
[illegible] 9	63.7	6208.1	475.0	-13 7	-25 9	284 2	9.4	9.1	-2.3	321 0	324 2	1 0	34 7	[illegible] 8	286
4	67 3	6617.3	450.0	-16 5	-29.5	282.3	9 8	9.6	-2 1	322 5	325 1	0 7	31 8	1 9	287
[illegible] 0	70 9	7044 8	425.0	-19.3	-38 8	999 9	99.9	99.9	99 9	324 3	325 4	0 3	15 7	0 9	293
26 6	74 7	7492.7	400.0	-23.1	-42.3	999 9	99.9	99 9	99 9	325.0	325 8	0 2	15 2	999 9	9 [illegible]
28 2	78 7	7961.3	375.0	-27.4*	-45 7	999 9	99 9	99.9	99.9	325 4	326 0	0 2	15 5	999 9	99[illegible]
30 0	8[illegible] 6	8454.0	350.0	-31 3	-48.2	999 9	99.9	99 9	99.9	326 6	327 1	0 1	16 9	1 9	96
32 2	87 2	8976.2	325.0	-33 9	-51.5	295 8	17.2	15.5	-7 5	330.0	330 4	0 1	14 7	3 6	103
34 2	91.8	9532.8	300.0	-37 8	99 9	294 4	24 2	22.0	-10 0	332 1	999 9	99 9	999 9	6 1	109
36 3	96.0	10126.6	275 0	-42 5	99 9	290 3	28 5	26 7	-9 9	333 7	999 9	99 9	999 9	9 5	110
38 8	101 0	10763.2	250 0	-48.0	99 9	288 9	33 2	31 4	-10 7	334 7	999 9	99 9	999 9	14 2	110
41 4	106.2	11449.0	225.0	-54.4	99 9	287 0	33 2	31 7	-9 7	335 2	999 9	99 9	999 9	19 5	109
44 5	111 8	12193 7	200.0	-59.1	99.9	289 2	32.0	30 2	-10 5	339 1	999 9	99 9	999 9	25 4	109
47 8	117 7	13022 9	175 0	-63.0	99.9	287 2	30 5	29 2	-9 0	346 0	999 9	99 9	999 9	31 8	109
51 6	124 2	13975.1	150.0	-62.8	99 9	283 2	24.4	23 7	-5 6	361 9	999 9	99 9	999 9	37 9	108
56 0	131 0	15092.4	125.0	-65.0	99.9	284 9	22 0	21 2	-5 6	377 3	999 9	99 9	999 9	44 1	108
60 5	138 3	16442 1	100.0	-67.8	99.9	291 3	15 1	14 1	-5 5	396 9	999 9	99 9	999.5	49 5	108
67 1	146 0	18179.6	75 0	-66.2	99 9	286.0	10 3	9 9	-2 8	434 2	999 9	99 9	999 9	54 3	107
75 7	153 7	20658.7	50.0	-61.2	99.9	253 3	4 1	4.0	1 2	499 4	999 9	99 9	999 9	56 3	108
90 9	162 3	25077.3	25 0	-51.5	99 9	235 8	5.1	4 3	2 9	637 1	999 9	99 9	999 9	55 0	107

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

2 MAY 1982
1110 GMT

168 8 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	33.0	1014.8	15.7	15.6	10.0	2.6	0.5	-2.6	288.6	316.8	11.1	93.0	0.0	0
0.5	6.5	159.2	1000.0	18.3	17.7	136.7	6.4	-4.4	4.7	291.4	324.5	12.9	96.5	0.4	228
1.2	8.8	377.1	975.0	18.4	16.4	115.4	8.2	-7.4	3.5	293.7	325.3	12.2	88.3	0.5	264
2.0	11.1	600.2	950.0	17.8	13.1	107.3	10.1	-9.6	3.0	295.3	321.9	10.1	73.9	0.9	273
2.8	13.4	828.3	925.0	16.5	10.6	111.8	9.6	-8.9	3.6	296.2	319.3	8.8	68.3	1.4	280
3.6	15.8	1061.4	900.0	15.6	6.2	108.1	8.1	-7.7	2.5	297.6	315.6	6.6	53.8	1.8	282
4.6	18.2	1300.1	875.0	14.3	6.4	105.2	7.3	-7.0	1.9	298.7	317.7	7.0	59.3	2.2	283
5.5	20.6	1544.3	850.0	12.8	1.0	109.0	7.0	-6.6	2.3	299.6	313.2	4.8	44.3	2.6	283
6.4	23.1	1794.4	825.0	11.1	4.5	109.4	6.4	-6.0	2.1	300.4	318.1	6.4	63.5	3.0	284
7.3	25.6	2050.9	800.0	9.7	1.6	113.8	5.9	-5.4	2.4	301.5	316.7	5.4	57.0	3.3	285
8.3	28.1	2314.0	775.0	8.0	4.0	106.8	5.1	-4.9	1.5	302.4	320.8	6.6	76.2	3.6	285
9.2	30.7	2584.1	750.0	6.3	-2.5	102.1	4.8	-4.7	1.0	303.4	315.6	4.3	53.5	3.9	285
10.1	33.3	2861.7	725.0	4.7	-1.7	110.0	3.8	-3.4	1.2	304.6	318.0	4.7	63.3	4.1	285
11.2	36.0	3146.9	700.0	2.9	-2.8	130.5	2.7	-2.0	1.7	305.7	318.5	4.5	66.4	4.3	286
12.3	38.8	3441.1	675.0	1.4	-3.0	194.9	1.3	0.3	1.3	307.2	320.4	4.5	72.6	4.4	287
13.5	41.7	3744.5	650.0	-0.5	-2.4	241.2	1.3	1.2	0.6	308.4	322.7	4.9	86.9	4.4	288
14.6	44.6	4057.2	625.0	-3.0	-3.9	233.6	2.1	1.7	1.2	309.1	322.5	4.6	93.5	4.3	289
15.7	47.5	4380.5	600.0	-3.9	-6.6	238.1	3.4	2.9	1.8	311.6	323.2	3.9	81.7	4.2	291
16.9	50.5	4716.0	575.0	-5.2	-11.2	260.4	4.5	4.4	0.7	313.9	322.6	2.8	62.9	4.0	293
18.1	53.6	5064.3	550.0	-6.8	-17.1	278.1	6.2	6.2	-0.9	316.0	321.8	1.8	43.7	3.6	296
19.4	56.9	5425.9	525.0	-9.1	-21.2	281.5	6.7	6.6	1.3	317.5	321.8	1.3	36.7	3.1	298
20.7	60.3	5802.0	500.0	-11.4	-27.1	289.0	7.8	7.3	-2.5	319.1	321.9	0.8	26.0	2.6	301
22.1	63.7	6193.5	475.0	-13.7	-32.7	304.5	7.7	6.4	-4.4	321.0	322.8	0.5	18.4	2.0	303
23.5	67.2	6602.7	450.0	-16.2	-37.0	310.1	6.2	4.8	-4.0	322.9	324.2	0.3	14.6	1.4	298
25.0	70.9	7029.9	425.0	-19.9	-39.6	302.9	7.3	6.1	-4.0	323.4	324.5	0.3	15.3	0.8	295
26.7	74.7	7476.6	400.0	-23.4	-42.8	289.4	10.8	10.2	-3.6	324.6	325.3	0.2	14.8	0.2	176
28.4	78.7	7945.1	375.0	-27.0	-45.8	278.9	10.9	10.8	-1.3	325.8	326.4	0.2	14.9	1.1	102
30.1	82.8	8439.0	350.0	-30.3	-43.6	282.9	13.2	12.9	-3.0	327.9	328.8	0.2	26.0	2.3	102
32.1	87.2	8963.0	325.0	-32.8	-41.3	288.4	18.2	17.3	-5.7	331.5	332.7	0.3	42.1	4.1	104
34.2	91.8	9521.4	300.0	-37.5	99.9	286.1	22.7	21.8	-6.3	332.6	999.9	99.9	999.9	6.8	106
36.1	96.6	10115.8	275.0	-42.4	99.9	277.0	23.3	23.1	-2.8	333.8	999.9	99.9	999.9	9.4	105
38.0	101.8	10751.1	250.0	-48.7	99.9	273.7	23.4	23.3	-1.5	333.7	999.9	99.9	999.9	12.1	102
40.0	107.2	11433.8	225.0	-55.4	99.9	276.0	25.5	25.4	-2.7	333.7	999.9	99.9	999.9	14.9	101
42.8	113.0	12177.0	200.0	-60.0	99.9	279.7	26.3	25.9	-4.4	337.8	999.9	99.9	999.9	19.2	100
46.0	119.2	13006.0	175.0	-62.8	99.9	283.4	29.4	28.6	-6.8	346.3	999.9	99.9	999.9	24.8	100
49.3	125.7	13953.0	150.0	-64.4	99.9	281.5	24.3	23.8	-4.9	359.2	999.9	99.9	999.9	30.0	101
53.5	133.0	15072.2	125.0	-64.8	99.9	282.8	19.0	18.6	-4.2	377.7	999.9	99.9	999.9	35.5	101
58.1	140.5	16421.6	100.0	-67.6	99.9	281.6	14.4	14.1	-2.9	397.1	999.9	99.9	999.9	40.1	101
64.2	148.7	18153.6	75.0	-66.9	99.9	293.2	9.5	8.8	-3.8	432.6	999.9	99.9	999.9	44.7	102
72.9	157.3	20627.2	50.0	-60.3	99.9	302.6	3.7	3.1	-2.0	501.5	999.9	99.9	999.9	45.8	103
86.0	166.0	25047.3	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.1	999.9	99.9	999.9	46.4	104

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

STATION NO. 260
STEPHENVILLE, TEXAS

1 MAY 1982
1100 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	399.0	973.7	15.0	14.5	20.0	2.6	-0.9	-2.4	290.4	318.1	10.8	97.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	11.8	607.6	950.0	13.3	12.9	48.0	5.4	4.0	-3.6	290.7	316.3	9.9	96.9	0.3	201
1.6	14.3	832.6	925.0	13.2	12.4	76.6	6.4	-6.2	-1.5	292.8	318.5	9.8	94.5	0.5	225
2.3	16.7	1063.7	900.0	12.9	11.0	81.1	6.5	-6.4	-1.0	294.8	319.3	9.2	88.0	0.8	238
3.2	19.2	1300.6	875.0	11.7	9.4	94.1	6.4	-6.4	0.5	296.0	318.7	8.5	85.3	1.1	246
4.0	21.7	1543.0	850.0	10.1	8.1	114.3	7.6	-6.9	3.1	296.7	319.7	8.6	93.6	1.3	255
4.9	24.2	1791.2	825.0	8.7	7.8	137.1	8.1	-5.5	6.0	297.8	319.6	8.[illegible]	93.8	1.6	267
5.7	26.8	2045.8	800.0	7.2	6.2	154.5	7.2	-3.1	6.5	298.8	319.2	7.5	93.5	1.9	277
6.6	29.4	2306.9	775.0	5.5	4.8	178.0	6.7	-0.2	6.7	299.7	319.0	7.0	95.3	2.0	287
7.6	32.0	2574.6	750.0	3.6	2.8	181.5	6.9	0.2	6.9	300.5	317.8	6.3	94.6	2.1	297
8.7	34.7	2849.7	725.0	2.0	1.2	175.0	7.6	-0.7	7.5	301.7	317.9	5.8	94.8	2.4	306
9.8	37.3	3132.7	700.0	0.6	-0.1	174.7	8.1	-0.7	8.0	303.2	318.6	5.5	95.0	2.8	314
10.9	40.0	3424.5	675.0	-0.5	-1.2	184.3	8.3	0.6	8.3	305.1	320.0	5.2	95.0	3.2	321
12.3	42.9	3726.1	650.0	-2.1	-2.9	194.0	6.5	1.6	6.3	306.6	320.3	4.8	94.3	3.6	330
13.7	45.7	4037.5	625.0	-3.6	-4.4	176.3	4.4	-0.3	4.4	308.3	321.3	4.4	94.2	4.0	333
15.0	48.5	4359.5	600.0	-5.5	-6.3	196.0	4.8	1.3	4.6	309.8	321.5	4.0	93.8	4.3	335
16.3	51.3	4692.8	575.0	-7.3	-8.2	218.4	6.0	3.7	4.7	311.4	322.2	3.6	93.3	4.5	339
17.6	54.1	5038.1	550.0	-9.5	-10.4	239.5	5.4	4.6	2.7	312.8	322.4	3.1	92.7	4.7	345
19.0	57.1	5396.4	525.0	-12.0	-13.1	250.1	4.8	4.5	1.6	314.0	322.1	2.7	91.9	4.8	350
20.4	60.1	5768.8	500.0	-14.1	-15.3	253.4	3.6	3.5	1.0	315.9	323.1	2.3	90.5	4.9	354
21.9	63.3	6156.2	475.0	-17.0	-19.2	269.1	2.0	2.0	0.0	317.0	322.6	1.8	83.1	4.9	357
23.4	66.4	6560.1	450.0	-19.6	-21.8	215.8	2.1	1.3	1.7	318.7	323.5	1.5	82.0	4.9	358
25.0	69.7	6982.3	425.0	-22.8	-26.1	200.3	2.0	0.7	1.9	319.8	323.3	1.1	73.8	5.1	359
26.6	73.1	7424.0	400.0	-26.4	-30.8	201.7	2.8	1.1	2.6	320.7	323.2	0.7	65.9	5.4	0
28.4	76.6	7887.4	375.0	-30.0	-37.7	148.9	2.1	-1.1	1.8	322.0	323.3	0.4	46.7	5.6	1
30.3	80.3	8375.2	350.0	-33.6	-42.9	57.9	3.5	-3.0	-1.9	323.5	324.4	0.2	38.3	5.6	358
32.2	84.0	8890.7	325.0	-37.7	-44.8	24.7	6.8	-2.9	-6.2	324.7	325.5	0.2	46.9	5.2	355
34.1	87.6	9437.6	300.0	-42.4	99.9	16.3	10.0	-2.8	-9.6	325.7	999.9	99.9	999.9	4.3	349
36.3	92.0	10018.1	275.0	-48.2	99.9	14.8	12.1	-3.1	-11.7	325.4	999.9	99.9	999.9	3.1	337
38.8	96.3	10640.0	250.0	-53.2	99.9	17.2	14.1	-4.2	-13.4	327.0	999.9	99.9	999.9	1.8	299
41.6	100.8	11311.8	225.0	-58.1	99.9	22.6	16.5	-6.4	-15.3	329.5	999.9	99.9	999.9	3.1	242
44.6	105.8	12045.9	200.0	-62.8	99.9	358.3	13.3	0.4	-13.3	333.3	999.9	99.9	999.9	5.6	218
48.0	111.0	12872.6	175.0	-61.9	99.9	311.8	12.4	9.3	-8.3	347.8	999.9	99.9	999.9	6.7	201
51.9	116.7	13830.9	150.0	-61.9	99.9	290.0	13.2	12.4	-4.5	363.5	999.9	99.9	999.9	7.7	179
56.9	123.2	14959.4	125.0	-62.3	99.9	278.6	14.1	14.0	-2.1	382.2	999.9	99.9	999.9	9.8	154
62.7	130.7	16326.9	100.0	-63.8	99.9	282.6	15.2	14.9	-3.3	404.4	999.9	99.9	999.9	13.3	135
69.9	139.0	18087.4	75.0	-64.6	99.9	29[illegible].9	8.5	7.4	-4.3	437.5	999.9	99.9	999.9	18.0	126
79.2	148.7	20592.8	50.0	-59.7	99.9	295.3	3.2	2.9	-1.4	503.0	999.9	99.9	999.9	20.3	129
93.4	159.5	25002.3	25.0	-52.9	99.9	999.9	99.9	99.9	99.9	632.8	999.9	99.9	999.9	20.5	130

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

STATION NO 260
STEPHENVILLE, TEXAS

1 MAY 1982
1415 GMT

164 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	399.0	975.3	15.5	12.8	30.0	2.6	-1.3	-2.3	290.7	315.6	9.8	84.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	995.9	999
0.0	9.1	401.6	975.0	15.5	99.9	31.0	2.7	-1.4	-2.3	290.7	999.9	99.9	999.9	0.0	355
0.6	11.7	621.8	950.0	14.8	12.0	60.8	7.0	-6.1	-3.4	292.2	316.6	9.4	83.6	0.2	219
1.3	13.9	848.3	925.0	15.2	11.0	70.9	7.1	-6.7	-2.3	294.9	318.6	9.0	76.1	0.5	231
2.1	16.9	1080.5	900.0	14.6	6.5	106.7	5.9	-5.7	1.7	296.5	315.0	6.8	58.7	0.8	244
2.9	19.4	1318.7	875.0	13.4	7.6	140.7	5.9	-3.7	4.6	297.7	318.1	7.5	68.1	0.9	259
3.7	22.0	1561.9	850.0	11.1	3.5	147.4	8.0	-4.3	6.7	297.8	313.8	5.8	59.2	1.1	275
4.5	24.7	1810.4	825.0	8.7	3.6	154.4	9.9	-4.3	8.9	297.8	314.3	6.0	70.2	1.4	290
5.4	27.4	2064.3	800.0	6.4	5.0	165.4	9.7	-2.5	9.4	298.0	316.8	6.9	90.8	1.8	303
6.3	30.1	2324.4	775.0	4.7	-0.0	174.3	10.1	-1.0	10.1	298.9	312.6	4.9	71.4	2.2	314
7.2	32.8	2591.3	750.0	3.1	-1.8	185.1	10.0	0.9	10.0	300.0	312.6	4.5	70.0	2.6	322
8.1	35.6	2865.3	725.0	1.0	-0.7	194.9	10.9	2.8	10.5	300.5	314.7	5.0	88.8	3.0	330
9.0	38.3	3147.3	700.0	-0.0	-0.5	204.8	9.3	3.9	8.4	302.4	317.4	5.3	97.0	3.4	338
9.9	41.1	3438.9	675.0	-0.8	-1.2	227.9	4.6	3.4	3.1	304.8	319.6	5.2	96.9	3.7	343
11.0	44.0	3739.7	650.0	-2.7	-3.2	275.8	1.5	1.5	-0.2	305.9	319.3	4.7	96.5	3.7	345
12.1	47.0	4050.8	625.0	-3.8	-4.3	312.6	3.1	2.3	-2.1	308.1	321.1	4.5	96.3	3.6	346
13.1	49.9	4372.7	600.0	-5.7	-6.2	316.6	4.8	3.3	-3.5	309.6	321.4	4.0	95.9	3.4	348
14.2	52.9	4705.6	575.0	-7.7	-8.3	309.8	4.5	3.4	-2.9	311.0	321.7	3.6	95.4	3.1	351
15.3	55.8	5051.1	550.0	-9.7	-11.1	295.7	4.1	3.7	-1.8	312.5	321.6	3.0	89.8	3.0	356
16.4	58.9	5409.4	525.0	-11.5	-16.0	274.5	3.9	3.9	-0.3	314.6	321.1	2.1	68.9	2.9	1
17.7	62.0	5782.0	500.0	-13.9	-19.9	259.9	5.0	4.9	0.9	316.2	321.2	1.6	60.1	2.9	7
19.0	65.3	6169.8	475.0	-16.8	-23.7	259.7	5.2	5.1	0.9	317.2	321.1	1.2	54.9	3.1	14
20.5	68.6	6573.8	450.0	-19.6	-25.2	267.5	4.4	4.4	0.2	318.7	322.3	1.1	60.4	3.3	21
21.8	71.9	6996.5	425.0	-22.3	-30.7	258.3	4.0	3.9	0.8	320.4	322.8	0.7	46.1	3.4	26
23.3	75.4	7438.9	400.0	-25.9	-34.4	284.0	3.9	3.8	-0.9	321.4	323.1	0.5	44.3	3.6	31
24.8	79.0	7903.1	375.0	-29.3	-39.0	324.0	2.9	1.7	-2.3	322.8	324.0	0.3	38.1	3.6	36
26.5	82.7	8393.1	350.0	-33.0	-39.1	351.0	5.4	0.8	-5.4	324.3	325.6	0.4	54.0	3.4	40
28.2	86.6	8910.9	325.0	-36.6*	99.9	352.2	7.6	1.0	-7.5	326.3	999.9	99.9	999.9	3.0	50
29.8	90.6	9460.5	300.0	-41.0	99.9	356.0	8.6	0.6	-8.5	327.6	999.9	99.9	999.9	2.6	65
31.5	94.8	10045.1	275.0	-46.6	99.9	354.8	10.3	0.9	-10.3	327.8	999.9	99.9	999.9	2.4	86
33.6	99.0	10671.4	250.0	-51.3	99.9	349.4	12.7	2.3	-12.5	329.7	999.9	99.9	999.9	3.0	115
35.7	103.6	11349.9	225.0	-55.9	99.9	353.7	12.9	1.4	-12.8	332.9	993.9	99.9	999.9	4.0	135
38.0	108.6	12088.7	200.0	-61.2	99.9	326.9	13.7	7.5	-11.5	335.8	999.9	99.9	999.9	5.7	145
40.4	114.0	12916.6	175.0	-62.1	99.9	302.4	16.2	13.7	-8.7	347.4	999.9	99.9	999.9	7.8	139
43.5	119.7	13880.5	150.0	-58.8	99.9	298.5	14.9	13.3	-6.6	368.7	999.9	99.9	999.9	10.6	135
47.2	126.5	15019.5	125.0	-60.3	99.9	279.0	15.3	15.2	-2.4	385.8	999.9	99.9	999.9	13.6	128
51.4	13[illegible].0	16392.6	100.0	-62.7	99.9	287.4	14.0	13.4	-4.2	406.6	999.9	99.9	999.9	17.2	122
56.9	143.0	18187.4	75.0	-64.1	99.9	292.3	8.0	7.4	-3.0	438.6	999.9	99.9	999.9	20.6	120
64.1	153.5	20696.2	50.0	-57.3	99.9	297.1	2.1	1.9	-0.9	508.6	999.9	99.9	999.9	22.3	121
75.5	165.5	25111.5	25.0	-52.0	99.9	330.4	4.6	2.3	-4.0	635.5	999.9	99.9	999.9	21.6	123

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ORIGINAL PAGE IS
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STATION NO. 260
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1 MAY 1982
1715 GMT

70 386. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	399.0	975.8	18.5	17.2	40 0	2.6	-1 7	-2.0	293.7	326 8	12 8	92 0	0 0	0
99 9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
0.0	9.5	406.1	975.0	18.3	16.7	42 0	3.0	-2 0	-2.3	293.6	325 9	12 4	90 4	0 0	342
0 7	12.0	628.0	950.0	15.7	14.9	61 6	6 0	-5.3	-2 9	293.1	322 6	11 3	95 1	0 1	233
1.4	14.7	854.3	925.0	14.5	10 7	81 4	7 1	-7 0	-1.1	294 2	317 5	8 8	78 1	0 4	245
2.3	17.3	1086.4	900.0	13.8	13.2	97 1	6.3	-6.2	0.8	295 8	324 0	10 7	96 1	0 8	257
3.3	19.9	1324.0	875.0	12.6	12.0	132 3	5.6	-4.1	3 8	296 9	323 8	10 1	95 9	1 0	267
4.1	22.5	1567.7	850.0	11.3	10 3	148 1	7.6	-4.0	6 5	297 9	322 9	9 3	93 7	1 3	279
5 0	25.2	1817.1	825.0	9 9	8.3	158 8	9.3	-3 4	8 7	299.0	321 8	8 4	90 0	1 6	293
5.9	27.9	2072.6	800.0	8.0	5 4	168 3	9 4	-1.9	9 2	299 7	319 1	7 1	83 3	1 9	305
6 7	30.6	2334.3	775.0	6 4	1 5	176 2	9.6	-0.6	9 6	300 7	316 1	5 5	70 5	2 3	314
7.6	33.3	2602.7	750.0	4.5	-5 0	185.5	9.4	0.9	9.4	301.5	311 6	3 5	49 7	2 6	322
8.5	36 1	2878.1	725.0	2.7	-4 2	193 7	9.8	2.3	9.5	302 4	313 5	3 9	60 4	3 1	330
9 6	38 9	3161.1	700 0	0 4	-0.2	205 7	9 5	4 1	8 5	303 0	318 3	5 4	95 9	3 5	337
10.7	41.8	3453.2	675.0	-0.2	-0.6	221.0	6.7	4 4	5 1	305.5	321 0	5 4	97 0	3 8	345
11 7	44.6	3755.2	650 0	-1 6	-2 0	251 9	3.7	3 5	1 1	307 2	321 9	5 1	96 7	4 0	349
12.9	47.6	4066.9	625.0	-3 5	-4.0	301 9	3.0	2 5	-1 6	308 4	321 7	4 6	96 4	3 9	351
14 4	50.5	4389.2	600.0	-5 1	-7 2	343 2	2 9	0.8	-2.8	310 2	321 3	3 7	85 4	3 6	353
15.7	53.5	4722.9	575.0	-7 0	-9 5	331.8	1 9	0.9	-1 7	311 8	321 6	3 2	81.8	3 5	353
16.9	56.5	5069.1	550.0	-8.5	-11 1	274 6	3 2	3 2	-0 3	314 0	323 1	3 0	81 8	3 4	355
18 2	59.6	5428.9	525.0	-10.3	-14 9	244 8	4 3	3 9	1 8	316 0	323 2	2 3	69 2	3 4	1
19 6	62.8	5803.0	500.0	-13.1	-16.7	214 1	4 3	2.4	3 6	317.0	323 6	2 1	74 7	3 7	5
21 0	66.0	6191.3	475.0	-15.7	-19.9	220.2	3 6	2.3	2.8	318 5	323 8	1 7	70 3	4 0	7
22 6	69 3	6597.7	450.0	-18.0	-25 6	231 4	3.9	3.0	2 4	320 6	324 1	1 1	51 3	4 3	10
24 1	72.6	7022.7	425.0	-21.0	-30 8	999 9	99.9	99 9	99 9	322 0	324 4	0 7	41 7	4 5	13
25.7	76.0	7467.5	400.0	-24.4	-33 5	999 9	99 9	99.9	99 9	323 3	325 3	0 6	42.3	999 9	999
99.9	99.9	99.9	375.0	99.9	99.9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	350.0	99.9	99 9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	325.0	99.9	99.9	99.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	300.0	99.9	99 9	99.9	99 9	99.9	99 9	99.9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	275.0	99.9	99 9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	250.0	99 9	99 9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	225.0	99.9	99 9	99.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	200.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	175 0	99.9	99.9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	150.0	99.9	99 9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	125.0	99.9	99.9	99 9	99 9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	100.0	99.9	99.9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	75.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	50.0	99 9	99 9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	25.0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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159 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	399.0	975.1	19.3	15.9	50.0	3.1	-2.4	-2.0	295.1	325.8	11.7	78.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.3	99.9	999.9	99.9	999.9	999.9	999
0.0	9.8	399.9	975.0	19.7	15.8	51.2	3.1	-2.4	-2.0	295.0	325.5	11.7	77.9	0.0	354
0.7	12.4	622.7	950.0	16.7	13.8	76.7	3.5	-3.4	-0.8	294.1	321.7	10.5	83.2	0.1	240
1.4	14.9	849.6	925.0	14.7	13.5	90.7	3.3	-3.3	0.0	294.3	322.1	10.6	92.9	0.3	249
2.3	17.6	1081.3	900.0	12.8	12.1	129.3	3.7	-2.8	2.3	294.7	320.8	9.9	95.2	0.4	267
3.1	20.3	1318.0	875.0	11.5	10.5	131.2	4.1	-3.1	2.7	295.8	320.1	9.2	93.1	0.6	280
3.9	22.9	1560.5	850.0	10.5	9.1	153.0	4.4	-2.0	3.9	297.1	320.2	8.6	91.3	0.7	288
4.8	25.6	1809.4	825.0	9.8	4.9	169.1	7.3	-1.4	7.2	299.0	317.2	6.6	71.4	0.9	304
5.7	28.3	2064.7	800.0	8.2	4.5	183.3	8.9	0.5	8.8	299.9	318.2	6.7	77.7	1.3	320
6.7	31.0	2326.6	775.0	6.9	0.7	192.2	9.4	2.0	9.2	301.2	315.8	5.2	64.6	1.7	335
7.6	33.8	2595.2	750.0	4.8	-3.6	191.3	8.9	1.7	8.8	301.8	313.0	3.9	54.5	2.1	343
8.6	36.6	2871.0	725.0	2.8	-3.1	200.0	8.6	3.0	8.1	302.6	314.6	4.2	65.2	2.6	349
9.6	39.3	3154.9	700.0	2.1	1.1	222.2	7.4	5.0	5.5	304.8	321.6	5.9	93.3	3.0	355
10.6	42.1	3448.1	675.0	0.2	-0.7	229.3	6.0	4.8	3.9	305.9	321.4	5.4	93.2	3.2	1
11.7	45.0	3750.4	650.0	-0.9	-3.7	241.2	2.4	2.1	1.2	307.9	321.0	4.5	81.6	3.4	5
12.8	47.7	4062.9	625.0	-3.1	-4.4	299.0	0.7	0.6	-0.3	308.9	321.8	4.4	90.9	3.4	6
13.9	50.6	4385.2	600.0	-5.0	-7.6	250.4	0.5	0.5	0.2	310.4	321.1	3.6	81.9	3.4	6
15.1	53.4	4719.5	575.0	-6.4	-9.4	196.6	2.1	0.6	2.0	312.5	322.3	3.3	79.4	3.5	6
16.3	56.5	5065.9	550.0	-8.7	-11.3	215.4	3.4	2.0	2.8	313.8	322.7	2.9	81.3	3.7	8
17.5	59.6	5424.8	525.0	-11.7	-13.9	212.3	5.3	2.8	4.5	314.3	322.0	2.5	84.1	4.0	10
18.9	62.7	5798.2	500.0	-12.5	-19.6	227.5	7.9	5.8	5.3	317.8	323.1	1.6	56.1	4.4	13
20.3	65.9	6188.2	475.0	-15.1	-24.0	241.0	7.7	6.7	3.7	319.2	323.1	1.2	46.6	5.0	18
21.8	69.3	6594.8	450.0	-18.3	-27.3	256.2	6.2	6.0	1.5	320.3	323.3	0.9	44.7	5.4	23
23.3	72.5	7019.1	425.0	-21.5	-28.8	267.0	5.1	5.1	0.3	321.5	324.3	0.8	51.1	5.7	28
24.9	76.0	7463.3	400.0	-24.1	-30.7	294.6	5.8	5.3	-2.4	323.7	326.2	0.7	54.1	5.8	32
26.4	79.6	7931.5	375.0	-27.3	-37.6	313.8	6.4	4.6	-4.4	325.5	326.9	0.4	36.4	5.8	39
28.1	83.3	8424.3	350.0	-31.6	-42.7	317.7	8.4	5.6	-6.2	326.2	327.1	0.2	32.2	5.7	45
29.9	87.1	8943.6	325.0	-36.1	-45.4	315.4	8.8	6.2	-6.3	326.9	327.6	0.2	37.5	5.8	54
31.7	91.0	9493.4	300.0	-41.0	99.9	304.8	8.7	7.1	-5.0	327.5	999.9	99.9	999.9	6.0	63
33.6	95.0	10079.7	275.0	-45.4	99.9	289.8	10.8	10.2	-3.7	329.4	999.9	99.9	999.9	6.8	70
35.7	99.3	10708.7	250.0	-50.6	99.9	288.0	13.2	12.5	-4.1	330.9	999.9	99.9	999.9	8.0	77
38.0	104.0	11385.4	225.0	-56.7	99.9	286.1	15.5	14.9	-4.3	331.7	999.9	99.9	999.9	9.8	83
40.4	109.0	12127.0	200.0	-59.8	99.9	289.3	18.9	17.8	-6.2	338.0	999.9	99.9	999.9	12.0	88
43.0	114.2	12957.1	175.0	-60.8	99.9	292.1	17.8	16.5	-6.7	349.6	999.9	99.9	999.9	14.8	92
46.1	120.0	13919.0	150.0	-59.8	99.9	287.3	13.7	16.0	-5.0	367.0	999.9	99.9	999.9	17.8	95
49.8	126.7	15051.5	125.0	-62.1	99.9	282.2	17.3	16.9	-3.7	382.6	999.9	99.9	999.9	21.5	97
54.1	134.0	16421.8	100.0	-62.4	99.9	287.9	15.0	14.3	-4.6	407.1	999.9	99.9	999.9	26.0	98
59.6	142.5	18199.4	75.0	-63.6	99.9	279.0	9.4	9.3	-1.3	439.6	999.9	99.9	999.9	29.4	99
67.2	152.3	20720.6	50.0	-57.5	99.9	15.2	2.5	-0.7	-2.5	508.1	999.9	99.9	999.9	31.2	100
79.1	162.7	25161.7	25.0	-50.3	99.9	185.2	2.4	0.2	2.3	640.4	999.9	99.9	999.9	31.6	103

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

STATION NO. 260
STEPHENVILLE, TEXAS

1 MAY 1982
2300 GMT

159 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	399.0	973.3	20.6	18.0	70.0	2.6	-2.4	-0.9	296.0	327.2	11.9	75.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	11.9	607.8	950.0	17.7	14.5	73.4	4.0	-3.9	-1.2	295.1	324.0	11.0	81.5	0.2	236
1.6	14.6	835.8	925.0	15.7	14.1	103.5	3.0	-2.9	0.7	295.4	324.3	11.0	89.9	0.4	245
2.3	17.1	1068.7	900.0	14.9	12.9	139.6	3.4	-2.2	2.6	296.9	324.7	10.5	87.9	0.5	260
3.2	19.7	1307.1	875.0	13.2	10.8	157.3	3.8	-1.5	3.5	297.5	322.6	9.4	85.2	0.6	277
3.9	22.3	1550.9	850.0	11.6	9.1	177.9	4.7	-0.2	4.7	298.3	321.5	8.6	84.7	0.7	292
4.8	24.9	1800.5	825.0	9.9	7.4	194.7	6.3	1.6	6.1	299.1	320.5	7.9	84.3	0.8	313
5.7	27.6	2056.2	800.0	8.5	4.6	198.9	7.6	2.5	7.2	300.2	318.6	6.7	78.6	1.0	334
6.6	30.3	2318.3	775.0	7.2	1.0	203.1	7.9	3.1	7.3	301.5	316.5	5.3	64.6	1.3	347
7.5	33.1	2587.9	750.0	6.0	-0.5	214.9	7.9	4.5	6.5	303.2	317.1	4.9	62.6	1.7	357
8.5	35.8	2864.8	725.0	3.9	0.0	230.4	6.8	5.3	4.4	303.7	318.7	5.3	76.1	2.1	6
9.5	38.6	3149.7	700.0	2.2	1.5	234.7	5.6	4.6	3.2	305.0	322.2	6.1	94.6	2.3	13
10.5	41.3	3443.5	675.0	1.0	-0.1	226.1	3.5	2.6	2.5	306.7	322.9	5.7	92.8	2.5	17
11.6	44.2	3746.7	650.0	-0.4	-3.2	180.9	1.8	0.0	1.8	308.6	322.1	4.7	81.1	2.7	18
12.7	47.1	4059.4	625.0	-2.8	-4.7	179.5	1.6	-0.0	1.6	309.2	321.8	4.3	87.2	2.7	17
13.9	50.1	4382.9	600.0	-4.0	-7.4	220.3	3.1	2.0	2.3	311.5	322.5	3.7	77.0	2.9	17
15.1	53.0	4717.8	575.0	-5.9	-11.0	247.1	4.8	4.4	1.9	313.1	321.9	2.9	66.8	3.1	21
16.5	56.0	5064.9	550.0	-8.2	-12.2	244.8	6.7	6.0	2.8	314.3	322.7	2.7	72.9	3.5	26
17.8	59.1	5424.1	525.0	-11.4	-14.5	250.0	8.1	7.6	2.8	314.7	322.1	2.4	77.8	3.9	32
19.2	62.3	5798.3	500.0	-12.4	-21.4	250.3	9.0	8.5	3.0	317.9	322.4	1.4	46.7	4.6	38
20.6	65.5	6188.2	475.0	-15.3	-23.7	257.5	6.6	6.4	1.4	319.0	322.9	1.2	48.6	5.1	42
22.3	68.9	6595.1	450.0	-17.4	-26.5	295.2	5.7	5.2	-2.4	321.4	324.6	1.0	44.9	5.5	47
24.0	72.1	7021.1	425.0	-20.4	-30.1	307.2	7.2	5.7	-4.3	322.9	325.4	0.7	41.2	5.6	53
25.6	75.6	7467.3	400.0	-23.8	-34.1	296.3	7.7	6.9	-3.4	324.1	325.9	0.5	37.7	5.9	60
27.5	79.1	7934.8	375.0	-28.0	-40.1	297.5	9.5	8.5	-4.4	324.6	325.7	0.3	30.1	6.5	67
29.5	82.7	8426.6	350.0	-32.1	-42.3	292.8	10.8	10.0	-4.2	325.5	326.4	0.3	35.3	7.4	74
31.5	86.5	8944.9	325.0	-36.7	-46.5	287.8	10.5	10.0	-3.2	326.1	326.8	0.2	35.1	8.4	79
33.6	90.4	9493.7	300.0	-41.6	99.9	280.9	11.0	10.8	-2.1	326.8	999.9	99.9	999.9	9.7	83
35.9	94.5	10077.1	275.0	-46.7	99.9	285.5	12.3	11.9	-3.3	327.7	999.9	99.9	999.9	11.2	85
38.5	98.8	10702.8	250.0	-51.5	99.9	287.9	13.1	12.5	-4.0	329.5	999.9	99.9	999.9	13.0	89
41.2	103.3	11380.6	225.0	-55.2	99.9	283.1	17.6	17.1	-4.0	333.9	999.9	99.9	999.9	15.4	91
44.2	108.2	12125.3	200.0	-58.5	99.9	294.0	18.1	16.5	-7.4	340.1	999.9	99.9	999.9	18.7	94
47.7	113.2	12955.4	175.0	-62.3	99.9	290.3	19.1	17.9	-6.6	347.2	999.9	99.9	999.9	22.2	98
51.6	118.0	13911.2	150.0	-61.3	99.9	289.5	21.8	20.5	-7.3	364.4	999.9	99.9	999.9	27.1	100
56.0	125.0	15035.7	125.0	-63.4	99.9	289.2	21.8	20.5	-7.2	380.1	999.9	99.9	999.9	32.8	101
61.6	132.0	16406.6	100.0	-64.2	99.9	296.1	14.6	13.1	-6.4	403.7	999.9	99.9	999.9	38.7	103
68.6	140.0	18166.0	75.0	-64.4	99.9	298.4	9.4	8.4	-4.2	437.9	999.9	99.9	999.9	43.6	104
77.4	149.0	20685.4	50.0	-60.3	99.9	340.9	3.2	1.1	-3.1	501.5	999.9	99.9	999.9	45.3	106
91.9	159.5	25107.6	25.0	-52.7	99.9	156.8	5.8	-2.3	5.3	633.5	999.9	99.9	999.9	44.5	109

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ORIGINAL PAGE IS
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STATION NO. 260
STEPHENVILLE, TEXAS

2 MAY 1982
215 GMT

158 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	399.0	973.8	17.3	15.1	90.0	2.1	-2.1	0.0	292.7	321.7	11.2	87.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.9	12.2	810.9	900.0	16.7	15.2	118.5	5.5	-4.9	2.6	294.1	324.2	11.5	91.0	0.3	283
1.6	14.8	838.4	925.0	15.8	13.2	134.6	5.3	-3.8	3.8	295.5	322.9	10.4	84.7	0.6	290
2.5	17.4	1071.1	900.0	14.3	12.7	147.0	6.6	-3.6	5.5	296.2	323.5	10.3	90.4	0.8	303
3.3	20.1	1309.0	875.0	12.7	11.5	155.3	5.6	-2.4	5.1	297.0	323.2	9.8	92.4	1.2	309
4.2	22.8	1552.6	850.0	11.2	10.1	185.0	4.9	0.4	4.9	297.9	322.6	9.2	92.6	1.4	316
5.1	25.4	1802.0	825.0	10.0	8.3	202.2	5.9	2.2	5.5	299.2	321.9	8.4	89.4	1.5	325
5.9	28.1	2057.4	800.0	7.9	6.6	204.4	6.8	2.8	6.2	299.6	320.6	7.7	91.5	1.7	335
6.9	30.8	2319.4	775.0	6.5	4.7	214.5	6.5	3.7	5.4	300.8	320.0	7.0	88.5	2.0	344
7.9	33.6	2588.4	750.0	5.0	3.1	225.1	5.3	3.8	3.8	302.0	319.8	6.4	87.8	2.2	352
8.9	36.3	2864.7	725.0	3.2	0.8	241.2	4.7	4.1	2.2	303.0	318.8	5.6	84.4	2.4	358
10.0	39.1	3149.0	700.0	1.9	0.6	253.6	3.6	3.4	1.0	304.6	320.8	5.7	91.6	2.5	4
11.2	42.0	3441.4	675.0	-0.1	-2.3	228.4	3.4	2.6	2.3	305.5	319.3	4.8	85.0	2.6	9
12.4	44.9	3744.1	650.0	-1.0	-4.3	194.6	3.0	0.8	2.9	307.9	320.3	4.3	78.0	2.8	10
13.5	47.8	4056.4	625.0	-3.0	-5.9	215.9	2.9	1.7	2.3	309.0	320.6	3.9	80.1	3.0	10
14.8	50.8	4379.1	600.0	-4.8	-8.3	249.2	2.4	2.2	0.8	310.6	320.8	3.4	76.7	3.1	13
16.1	53.8	4713.3	575.0	-6.7	-11.6	263.9	2.4	2.4	0.3	312.1	320.5	2.7	68.0	3.2	16
17.4	56.9	5058.9	550.0	-9.3	-13.1	270.6	3.5	3.5	-0.0	313.1	320.9	2.5	73.8	3.3	20
18.6	60.0	5417.2	525.0	-11.7	-15.6	278.4	3.1	3.3	-0.5	314.4	321.1	2.2	72.7	3.4	24
20.1	63.1	5790.7	500.0	-12.7	-19.9	313.2	3.6	2.6	-2.5	317.6	322.6	1.6	54.6	3.4	29
21.6	66.4	6180.9	475.0	-15.0	-25.3	321.6	7.2	4.4	-5.6	319.4	322.8	1.0	41.1	3.2	36
23.1	69.7	6587.6	450.0	-17.7	-29.1	320.9	8.8	5.5	-6.8	321.0	323.6	0.8	35.8	3.1	50
24.6	73.0	7012.4	425.0	-21.3	-32.4	302.8	8.9	7.5	-4.8	321.7	323.7	0.6	35.9	3.3	63
26.2	76.6	7456.6	400.0	-24.7	-40.5	303.6	9.1	7.6	-5.0	322.9	323.9	0.3	21.7	3.8	75
28.1	80.3	7922.9	375.0	-28.4	-45.3	306.4	10.9	8.7	-6.4	324.0	324.6	0.2	17.8	4.6	85
30.0	83.9	8413.7	350.0	-32.4	-46.8	301.4	12.0	10.3	-6.3	325.1	325.7	0.2	22.1	5.7	94
31.9	87.7	8931.3	325.0	-36.9	-50.4	300.7	12.6	10.8	-6.4	325.8	326.3	0.1	22.9	7.0	99
34.1	91.8	9480.1	300.0	-41.7	99.9	302.9	12.4	10.4	-6.8	326.6	999.9	99.9	999.9	8.5	103
36.2	95.8	10063.7	275.0	-46.3	99.9	293.4	13.9	12.8	-5.5	328.2	999.9	99.9	999.9	10.0	106
38.6	100.2	10690.8	250.0	-50.4	99.9	289.6	20.4	19.2	-6.8	331.1	999.9	99.9	999.9	12.5	107
41.4	104.8	11371.5	225.0	-55.1	99.9	289.6	23.2	21.9	-7.8	334.1	999.9	99.9	999.9	16.3	107
44.3	109.8	12116.6	200.0	-59.4	99.9	291.4	20.8	19.4	-7.6	338.7	999.9	99.9	999.9	20.0	108
47.3	115.0	12942.8	175.0	-63.6	99.9	286.4	22.4	21.5	-6.3	344.9	999.9	99.9	999.9	23.8	108
50.9	120.7	13894.5	150.0	-62.5	99.9	294.0	23.3	21.3	-9.5	362.4	999.9	99.9	999.9	28.9	109
54.9	127.0	15017.9	125.0	-63.8	99.9	294.4	21.6	19.7	-8.9	379.4	999.9	99.9	999.9	34.3	109
59.9	134.2	16383.2	100.0	-64.3	99.9	298.8	14.6	12.8	-7.0	403.5	999.9	99.9	999.9	39.6	110
65.7	142.0	18139.2	75.0	-64.6	99.9	299.4	7.3	6.4	-3.6	437.5	999.9	99.9	999.9	43.5	111
74.0	151.0	20638.6	50.0	-60.8	99.9	10.0	3.8	-0.7	-3.7	500.2	999.9	99.9	999.9	44.8	111
88.0	160.3	25049.7	25.0	-51.8	99.9	177.8	5.2	-0.2	5.2	636.0	999.9	99.9	999.9	43.0	114

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.5	399.0	974.8	17 2	16.6	100 0	2.1	-2 1	0 4	292 5	324 2	12 3	96 0	0 0	0
99 9	99.9	99.9	1000.0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	975.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	12 1	620.5	950.0	17.7	16.4	134 7	7 2	-5 1	5 0	295 1	327 7	12 5	92 3	0 3	292
1.7	14 9	848.7	925 0	16.0	15 4	146 7	7.6	-4 2	6 4	295 6	327 1	12 0	96 5	0 7	307
2 5	17 6	1082.0	900 0	14 7	13 7	155 9	7 6	-3.1	6 9	296 7	326 0	11 1	93.8	1 1	317
3 3	20.3	1320.7	875.0	13.6	11 1	161 1	6.8	-2 [illegible]	6.4	297 9	323 5	9 5	84 7	1 4	321
4 2	23.1	1564.9	850.0	12 2	10 6	169 4	5.0	-0 9	4 9	298 9	324 5	9 5	90 0	1 7	326
5 2	25.9	1814.8	825.0	10 1	9 5	181 2	4.5	0.1	4 5	299 3	323 9	9 1	96 2	1 9	329
6 0	28.6	2070.9	800.0	8.5	7 8	199 1	5 0	1 6	4 7	300 3	323 0	8 4	95 1	2 1	334
6 9	31.3	2333.6	775.0	7 3	6.2	211 4	5 9	3 1	5 1	301 7	322 9	7 7	92 6	2 3	340
8 0	34.2	2603.6	750.0	6 3	2 0	219.0	5 1	3.2	4 0	303 4	320 0	5 9	73 8	2 5	347
8 9	37.0	2881.0	725.0	4 5	-1 0	213 0	4 6	2 5	3 8	304 4	318 4	4 9	67 1	2 7	351
10 0	40.0	3166.2	700.0	2 3	0 2	211 4	4 4	2 3	3 8	305 1	320 8	5 6	85 6	2 9	355
11 0	42.9	3459 3	675.0	-0 2	-0.7	215.4	4 1	2.4	3 3	305 5	320 9	5 4	96 2	3 1	357
12 1	45.9	3760.8	650.0	-2 4	-2 9	212.7	3 9	2 1	3 2	306 2	319 9	4 8	96 5	3 3	0
13 2	48 9	4071.8	625.0	-3.8	-5 0	213.3	3 8	2 1	3 2	308 1	320 5	4 2	91 9	3.6	2
14.3	51 9	4393.5	600.0	-5 5	-8.5	261 1	2 8	2 8	0 4	309 7	319 8	3 4	79 7	3 7	5
15.3	55 0	4726.7	575.0	-7 1	-11 3	272 9	2 9	2 9	-0 1	311 7	320 2	2 8	71 6	3 7	8
16.6	58.1	5072.3	550.0	-9 2	-12 6	267 0	3.1	3 1	0 2	313 1	321 2	2 6	76 5	3 7	11
18 0	61.4	5431 3	525.0	-10 6	-18 3	278 4	3.3	3 3	-0 5	315 7	321 2	1 7	53 2	3 8	15
19 4	64 7	5806.2	500.0	-11 7	-28 4	326 2	5 1	2 8	-4 2	318 8	321 3	0 7	23 4	3 7	19
20.9	68.0	6196.9	475.0	-14 7	-30 8	327 3	5 7	3 1	-4 9	319 8	321 9	0 6	23 7	3 3	25
22 3	71 3	6603 9	450.0	-17 8	-37 8	330.7	6 3	3.1	-5 5	320 9	322 0	0 3	15 3	3 1	34
23 9	74.9	7028.6	425.0	-21 1	-41 4	337 2	6 3	2 4	-5 8	322 0	322 8	0 2	14 0	2 8	44
25 6	78 4	7473.9	400.0	-24.3	-44 1	330 2	6 8	3 4	-5 9	323 4	324 1	0 2	13.9	2 7	57
27 6	82 1	7940.7	375.0	-28.3	-47 4	322 8	8.6	5 2	-6 8	324 2	324 7	0 1	13 9	2 8	75
29 4	85.9	8431.4	350.0	-32.4	-50 6	309 4	10.5	8 1	-6 7	325 1	325 5	0 1	14 1	3 5	91
31 7	89.8	8949.6	325.0	-36.7	-54.3	300 7	10 0	8 6	-5 1	326 1	326 3	0 1	14 1	4 7	101
34 1	94.0	9498 0	300.0	-41.5	99 9	284 6	12.0	11.7	-3 0	326 8	999 9	99 9	999 9	6 2	103
36 5	98.2	10081.9	275.0	-46.1	99.9	284 8	18 1	17 5	-4 6	328 5	999 9	99 9	999 9	8 3	103
39 3	102.7	10710.1	250.0	-50 3	99 9	289 3	23 5	22 2	-7 8	331 3	999 9	99 9	999 9	11 8	105
42 2	107.3	11391 5	225.0	-54 6	99 9	286 6	26 3	25 2	-7 5	334 9	999 9	99 9	999 9	16 3	106
45 4	112.2	12136.6	200.0	-59.8	99 9	288 0	25.4	24 2	-7 9	338 0	999 9	99 9	999 9	21 3	106
48 8	117.6	12962.5	175.0	-62 7	99 9	290.0	23.6	22 2	-8 1	346 4	999 9	99 9	999 9	26 3	106
52 6	123.2	13914.7	150.0	-62 9	99.9	292 6	22.9	21 1	-8 8	351 7	999 9	99 9	999 9	31 4	107
57 2	129.5	15032.5	125.0	-64.0	99 9	294 7	20 8	18 9	-8 7	379 2	999 9	99 9	999 9	37 8	108
62 7	136.3	16396.8	100.0	-65 0	99 9	286 6	14 5	13 7	-4 6	402 3	999 9	99 9	999 9	43 4	109
69 5	144.0	18146.7	75 0	-65.8	99 9	29[illegible] 4	7 4	7 0	-2 6	434 9	999 9	99 9	999 9	47 4	109
78 8	152.3	20635.9	50.0	-60 3	99 9	303 1	5 9	4 9	-3 2	501 4	999 9	99 9	999 9	50 2	110
93 9	161.0	25017.2	25.0	-54 4	99 9	301 8	4 1	3 5	-2 1	628 3	999 9	99 9	999 9	47 2	111

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 260
STEPHENVILLE, TEXAS

2 MAY 1982
1100 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	399.0	974.0	16.5	16.3	130.0	2.6	-2.0	1.7	291.9	323.1	12.1	99.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.9	12.3	811.7	950.0	14.9	14.8	156.2	5.9	-2.4	5.4	292.3	321.4	11.2	98.9	0.3	321
1.6	14.9	837.7	925.0	13.9	13.7	175.9	7.9	-0.6	7.9	293.5	321.6	10.8	98.8	0.5	337
2.5	17.6	1069.3	900.0	12.8	12.6	176.4	8.3	-0.5	8.3	294.8	321.8	10.3	98.7	1.0	348
3.3	20.3	1306.0	875.0	11.3	9.1	178.7	7.3	-0.2	7.3	295.6	317.9	8.4	86.3	1.4	350
4.2	23.0	1548.2	850.0	10.4	7.7	189.5	6.5	1.1	6.4	297.1	318.1	7.8	83.3	1.7	353
5.0	25.8	1797.2	825.0	9.3	8.8	187.3	4.5	0.6	4.5	298.4	321.7	8.6	96.5	2.0	356
6.0	28.6	2052.3	800.0	7.6	7.5	190.3	3.1	0.6	3.1	299.3	321.5	8.2	98.8	2.2	356
6.8	31.3	2313.8	775.0	5.8	5.7	192.8	2.2	0.5	2.2	300.1	320.5	7.5	99.1	2.3	357
7.8	34.2	2582.0	750.0	4.2	3.5	144.3	1.2	-0.7	1.0	301.1	319.4	6.6	95.5	2.4	358
8.7	36.9	2857.6	725.0	2.5	2.4	127.2	0.7	-0.6	0.4	302.3	319.8	6.3	98.7	2.4	357
9.6	39.8	3141.3	700.0	1.1	0.8	214.2	1.3	0.7	1.1	303.7	320.1	5.8	97.8	2.5	356
10.8	42.7	3433.3	675.0	-1.0	-1.5	230.9	3.8	3.0	2.4	304.5	319.0	5.1	96.6	2.6	360
12.0	45.6	3734.3	650.0	-2.4	-3.9	234.5	5.0	4.1	2.9	306.2	319.0	4.4	89.5	2.8	5
13.2	48.6	4044.9	625.0	-4.1	-10.7	255.6	4.6	4.4	1.1	307.7	315.8	2.7	59.9	3.0	11
14.5	51.7	4365.9	600.0	-6.1	-13.3	258.3	4.5	4.4	0.9	309.1	316.0	2.3	56.3	3.2	17
15.8	54.8	4697.9	575.0	-8.1	-16.3	273.0	3.9	3.9	-0.2	310.5	316.3	1.9	51.6	3.3	22
17.0	57.9	5042.3	550.0	-9.5	-22.4	307.1	2.9	2.3	-1.7	312.8	316.5	1.1	34.0	3.4	26
18.3	61.1	5400.7	525.0	-11.0	-34.6	325.4	2.6	1.5	-2.1	315.2	316.5	0.4	12.2	3.2	29
19.8	64.4	5774.5	500.0	-12.6	-38.0	324.3	2.6	1.5	-2.1	317.7	318.7	0.3	9.7	3.2	33
21.3	67.7	6164.4	475.0	-14.9	-41.8	341.0	3.0	1.0	-2.8	319.6	320.3	0.2	8.0	3.0	37
22.8	71.1	6571.3	450.0	-17.6	-43.5	328.9	3.8	2.0	-3.3	321.1	321.8	0.2	8.2	2.9	42
24.4	74.6	6996.3	425.0	-21.2	-45.8	322.0	4.5	2.8	-3.6	321.8	322.3	0.1	8.9	2.9	50
26.2	78.1	7440.0	400.0	-25.0	-46.9	307.1	5.8	4.6	-3.5	322.6	323.1	0.1	10.8	2.9	60
27.9	81.8	7905.3	375.0	-28.9	-49.7	282.9	8.3	8.1	-1.9	323.3	323.7	0.1	11.3	3.4	70
29.8	85.6	8395.7	350.0	-32.3	-53.2	280.9	10.6	10.4	-2.0	325.2	325.5	0.1	10.4	4.4	77
31.9	89.5	8913.8	325.0	-36.7	-56.4	283.0	10.6	10.4	-2.4	326.1	326.3	0.1	10.9	5.6	83
34.2	93.7	9462.2	300.0	-41.7	99.9	281.4	13.9	13.6	-2.8	326.6	999.9	99.9	999.9	7.2	87
36.7	98.0	10047.9	275.0	-45.1	99.9	287.5	17.1	16.3	-5.1	329.8	999.9	99.9	999.9	9.5	91
39.3	102.4	10679.4	250.0	-49.2	99.9	289.1	19.8	18.7	-6.5	332.9	999.9	99.9	999.9	12.3	96
42.0	107.0	11361.2	225.0	-54.9	99.9	287.6	20.5	19.6	-6.2	334.4	999.9	99.9	999.9	15.5	98
45.0	112.0	12103.6	200.0	-60.6	99.9	287.9	20.6	19.6	-6.3	336.9	999.9	99.9	999.9	19.1	100
48.4	117.4	12929.8	175.0	-62.7	99.9	285.8	19.0	18.3	-5.2	346.4	999.9	99.9	999.9	23.3	101
52.1	123.0	13880.1	150.0	-62.4	99.9	284.8	19.0	18.3	-4.9	362.6	999.9	99.9	999.9	27.4	102
56.6	129.2	15000.8	125.0	-64.8	99.9	286.9	17.9	17.1	-5.2	377.6	999.9	99.9	999.9	32.4	102
61.5	136.0	16357.7	100.0	-65.0	99.9	292.5	15.0	13.8	-5.7	402.1	999.9	99.9	999.9	37.3	103
68.0	143.7	18114.8	75.0	-64.6	99.9	317.5	11.1	7.5	-8.2	437.6	999.9	99.9	999.9	42.3	105
77.2	152.0	20828.3	50.0	-59.0	99.9	327.9	3.9	2.1	-3.3	504.5	999.9	99.9	999.9	43.8	108
91.1	160.7	25068.7	25.0	-51.6	99.9	999.9	99.9	99.9	99.9	636.6	999.9	99.9	999.9	42.4	110

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STATION NO. 261
DEL RIO, TEXAS

1 MAY 1982
1100 GMT

144 80 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	314.0	981.3	17.4	15.7	100.0	2.6	-2.6	0.5	292.1	322.0	11.6	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	8.9	380.2	975.0	16.9	15.0	128.9	8.3	-6.4	5.2	292.2	320.9	11.1	88.6	0.1	300
0.9	11.2	591.2	950.0	17.0	12.4	132.8	8.3	-6.1	5.6	294.4	319.7	9.6	74.7	0.3	305
1.6	13.6	818.4	925.0	14.7	12.3	133.8	6.6	-4.8	4.5	294.3	320.1	9.8	85.8	0.6	309
2.3	16.1	1050.1	900.0	13.2	12.0	146.9	6.4	-3.5	5.3	295.1	321.2	9.9	92.7	0.9	311
3.1	18.6	1287.0	875.0	11.4	11.2	169.5	6.8	-1.2	6.7	295.7	321.1	9.6	98.4	1.2	318
3.8	21.1	1529.4	850.0	10.2	10.0	179.9	7.4	-0.0	7.4	296.9	321.2	9.1	98.2	1.4	327
4.6	23.6	1778.1	825.0	9.4	9.1	170.2	7.7	-1.3	7.6	298.5	322.3	8.8	98.1	1.7	333
5.5	26.2	2033.5	800.0	8.2	7.9	163.8	4.3	-1.2	4.1	299.9	322.7	8.4	98.0	2.1	335
6.3	28.8	2295.9	775.0	7.0	6.7	184.9	2.4	0.2	2.4	301.4	323.3	8.0	97.8	2.2	336
7.4	31.6	2565.3	750.0	4.9	4.8	190.3	2.9	0.5	2.8	302.0	321.9	7.2	98.8	2.3	338
8.3	34.2	2841.8	725.0	3.1	2.7	204.3	2.9	1.2	2.7	302.9	320.8	6.4	97.1	2.5	340
9.1	37.1	3126.2	700.0	2.0	-1.2	206.7	3.4	1.5	3.1	304.7	319.0	5.0	79.6	2.6	343
10.0	39.9	3419.6	675.0	0.6	0.1	221.6	3.8	2.5	2.9	306.3	322.6	5.7	96.3	2.7	346
11.0	42.9	3722.2	650.0	-1.0	-1.1	234.3	4.6	3.7	2.7	307.8	323.4	5.4	99.2	2.8	350
11.9	45.8	4035.0	625.0	-2.6	-7.5	238.9	4.4	3.7	2.3	309.5	319.9	3.5	69.3	2.9	355
13.0	48.9	4357.9	600.0	-4.5	-9.6	265.0	2.2	2.2	0.2	310.9	320.0	3.0	66.2	3.0	359
14.0	52.0	4691.9	575.0	-6.6	-11.7	347.2	1.6	0.3	-1.5	312.3	320.5	2.7	66.6	3.0	0
15.1	55.3	5038.0	550.0	-9.0	-14.1	329.7	1.3	0.7	-1.2	313.5	320.7	2.3	66.4	2.9	0
16.2	58.6	5396.9	525.0	-11.1	-18.8	275.3	1.8	1.6	-0.2	315.1	320.3	1.6	52.6	2.8	2
17.3	62.1	5770.0	500.0	-13.3	-32.3	257.5	3.4	3.3	0.7	316.8	318.6	0.5	19.1	2.9	5
18.6	65.7	6159.3	475.0	-15.1	-26.1	272.5	5.1	5.1	-0.2	319.3	322.5	1.0	38.6	3.0	12
19.9	69.4	6566.4	450.0	-17.9	-27.5	309.1	5.7	4.4	-3.6	320.8	323.8	0.9	42.6	2.9	19
21.2	73.3	6991.3	425.0	-20.7	-33.9	316.9	7.5	5.1	-5.5	322.5	324.3	0.5	29.1	2.7	29
22.8	77.2	7436.6	400.0	-24.0	-43.9	311.9	10.5	7.6	-7.0	323.8	324.5	0.2	13.9	2.6	46
24.4	81.3	7904.2	375.0	-27.8	-48.9	309.7	11.2	8.6	-7.1	324.9	325.3	0.1	11.1	2.9	68
26.0	85.7	8398.3	350.0	-31.4	-55.7	306.2	11.2	8.8	-6.9	326.4	326.6	0.1	7.0	3.6	83
27.8	90.2	8915.8	325.0	-35.9	99.9	310.7	11.5	8.7	-7.5	327.2	999.9	99.9	999.9	4.4	93
29.4	95.0	9466.1	300.0	-40.8	99.9	310.8	11.1	8.4	-7.2	327.8	999.9	99.9	999.9	5.5	101
31.3	100.0	10051.8	275.0	-45.6	99.9	321.3	12.3	7.7	-9.6	328.9	999.9	99.9	999.9	6.6	108
33.4	105.4	10670.7	250.0	-51.0	99.9	316.2	15.4	10.7	-11.1	330.3	999.9	99.9	999.9	7.9	115
35.8	111.0	11358.5	225.0	-54.8	99.9	295.1	21.1	19.1	-9.0	334.5	999.9	99.9	999.9	10.4	116
38.1	117.9	12102.8	200.0	-60.2	99.9	295.4	24.7	22.3	-10.6	337.5	999.9	99.9	999.9	14.0	116
40.8	123.2	12933.7	175.0	-61.5	99.9	291.4	24.0	22.3	-8.8	348.4	999.9	99.9	999.9	17.9	115
43.7	130.0	13866.4	150.0	-62.0	99.9	286.0	20.3	19.5	-5.6	363.3	999.9	99.9	999.9	21.8	114
47.2	137.0	15011.1	125.0	-64.7	99.9	280.8	19.0	18.7	-3.5	377.9	999.9	99.9	999.9	25.7	112
51.2	144.7	15389.1	100.0	-66.7	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	29.9	111
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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1415 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8 4	314 0	983 0	18 4	15 2	90 0	1 6	-1 6	0 0	293 0	323 8	11 9	87 0	0 0	0
99 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 2	9 2	384 3	975.0	17 7	16 2	999 9	99 9	99 9	99 9	293 0	324 0	12 0	90 6	999 9	999
1 0	11 5	606.7	950.0	16.6	15 3	999 9	99 9	99 9	99 9	294 1	324 3	11 6	91 7	999 9	999
1 8	13 9	833 9	925 0	15.5	12 3	999 9	99 9	99 9	99 9	295 1	321 0	9 8	81 5	999 9	999
2 6	16 3	1066 0	900 0	13 4	11 7	130 6	3 3	-2 5	2 2	295 3	320 9	9 7	89 8	0 6	290
3 4	18 6	1302.9	875 0	11.4	11 1	170 5	3 6	-0 6	3 6	295 6	320 8	9 5	98 0	0 7	298
4 2	21 3	1546 2	850.0	11 7	9 3	172 3	4 2	-0 6	4 2	298 4	321 9	8 7	85 3	0 9	310
5.1	23 8	1795 8	825.0	10 0	9 4	189 7	5 6	-1.8	5 2	299 2	323 6	9 0	95 6	1 1	318
6 0	26 3	2051 7	800.0	8 6	8 1	151 7	6 2	-2 9	5 4	300 3	323 4	8 5	98 4	1 4	323
6 9	29 0	2314.0	775.0	6 9	5 9	144 1	5 0	-2 9	4 0	301 2	322 0	7 6	93 8	1 7	323
7 7	31 7	2583 4	750.0	5 0	4 6	157 9	4 4	-1 6	4 0	302 0	321 7	7 1	97 6	1 9	323
8 6	34 3	2860 0	725.0	3 9	3 3	171 1	3 5	-0 5	3 5	303 7	322 5	6 7	95 9	2 2	326
9 7	37 1	3145 4	700 0	2 5	1 6	169 9	2 3	-0 4	2 3	305 3	322 7	6 2	93 5	2 3	328
10 7	40 0	3438 8	675 0	0 2	-0.3	151 0	2 2	-1 1	2 0	305 9	321 8	5 6	96 8	2 4	329
11.7	42 9	3740 7	650 0	-2 1	-2 6	140 4	2 7	-1 4	2 3	306 6	320 7	4 9	98 3	2 6	328
12 7	45 9	4052 0	625 0	-3 7	-4 2	161 7	2 0	-0 6	1 9	308 3	321 4	4 5	96 0	2 7	329
13 8	49 0	4374 2	600.0	-4 6	-8 0	160 6	2 5	-0 8	2 3	310 8	321 2	3 5	77 1	2 8	330
14 9	52.1	4708 1	575.0	-7 2	-12 9	142 5	2 6	-1 6	2 1	311 6	319 3	2 5	64 2	3 0	330
16 2	55 3	5053 2	550.0	-9 1	-18 0	174 8	1 4	-0 1	1 4	313 4	318 7	1 7	48 3	3 2	329
17 4	58 6	5412 5	525.0	-10.4	-19 8	267 5	2 9	2 9	0 1	315 9	320 8	1 5	45 8	3 1	331
18 7	62 0	5787.0	500.0	-12.1	-25 2	283 7	3 5	3 4	-0 8	318 3	321 6	1 0	32 4	3 0	336
20.1	65 6	6177 6	475.0	-14 3	-35 5	315 7	4 4	3 1	-3 2	320 3	321 7	0 4	14 5	2 8	339
21.6	69 2	6586 3	450 0	-16 2	-37 9	303 3	7 3	6 1	-4 0	322 9	324 1	0 3	13 2	2 3	344
23 3	73 0	7013.7	425.0	-19.8	-41 3	297.1	8.0	7 1	-3 8	323 6	324 5	0 2	12 7	1 9	4
24 8	76 9	7460.4	400.0	-23 6	-43 4	305 3	7 7	6 3	-4 5	324 4	325 1	0 2	14 1	1 6	27
26 5	81 0	7928 7	375.0	-26.5	-49 5	294 2	9 1	8.3	-3 7	326 6	327 0	0 1	9.3	1 8	52
28.2	85 3	8422.8	350 0	-31 0	-52 9	295 5	11 3	10 2	-4 9	327 0	327 3	0 1	9 4	2 5	75
30 0	89 8	8943.8	325 0	-35 2	-56 0	294 0	11 3	10 3	-4 8	328 2	328 4	0 1	9 7	3 5	88
32 0	94 4	9496.6	300.0	-39.5	99 9	296 2	10 5	9 5	-4 6	329 8	999 9	99 9	999 9	4 7	95
34.3	99 4	10085 3	275.0	-44 4	99 9	290 0	12 1	11 3	-4 1	330 9	999 9	99 9	999 9	6 1	100
36.5	104 8	10717.6	250 0	-49 2	99 9	278 9	17.3	17 1	-2 7	332 9	999 9	99 9	999 9	8 0	101
39.0	110 2	11401.3	225 0	-53 7	99 9	285 9	22 1	21 3	-6 1	336 3	999 9	99 9	999 9	11 0	101
41.8	116 0	12148.1	200.0	-58 9	99 9	295 1	23 5	21 2	-10 0	339 5	999 9	99 9	999 9	14 9	104
44 8	122 2	12962.0	175.0	-61 0	99 9	294 8	22 5	20.4	-9 4	349 2	999 9	99 9	999 9	18 9	106
48 2	128 7	13835.7	150.0	-61 4	99 9	288 0	23.1	22 0	-7.2	364 4	999 9	99 9	999 9	23 5	107
52.1	135 7	15063.4	125.0	-63 5	99 9	290 1	21 9	20 6	-7 5	380 1	999 9	99 9	999 9	29 0	107
56.7	143 0	16439 4	100 0	-64 7	99 9	290 6	14 5	13 6	-5 1	402 8	999 9	99 9	999 9	33 9	109
62 4	150 7	18191.9	75 0	-64 1	99 9	287 0	8 1	7 8	-2 4	438 6	999 9	99 9	999 9	37 8	108
69.9	158 7	20884 4	50.0	-60 2	99 9	270 2	2 5	1 8	1 9	501 8	999 9	99 9	999 9	39 0	109
82 3	167.0	25137.3	25.0	-51 0	99 9	999 9	99 9	99 9	99 9	638 0	999 9	99 9	999 9	33 5	109

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

STATION NO 281
DEL RIO, TEXAS

1 MAY 1962
1715 GMT

181 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.4	314.0	903.0	22.2	15.3	170.0	2.8	-0.5	2.8	296.8	326.4	11.2	65.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	0.2	300.3	975.0	20.6	14.2	999.9	99.9	99.9	99.9	295.9	323.6	10.5	66.8	999.9	999
0.9	11.4	514.4	950.0	18.4	13.9	999.9	99.9	99.9	99.9	295.9	323.8	10.6	75.1	999.9	999
1.7	13.6	642.8	925.0	16.1	13.8	999.9	99.9	99.9	99.9	295.8	324.4	10.8	86.2	999.9	999
2.5	16.0	1075.6	900.0	14.1	12.8	999.9	99.9	99.9	99.9	296.1	323.7	10.4	92.0	999.9	999
3.4	18.4	1313.8	875.0	13.5	10.2	125.2	4.3	-3.5	2.5	297.8	321.8	9.0	80.5	0.6	302
4.3	20.9	1557.8	850.0	12.1	9.1	145.4	3.8	-2.3	3.0	298.8	321.9	8.6	81.9	0.8	306
5.2	23.3	1807.9	825.0	10.8	9.1	147.8	3.8	-2.0	3.2	299.8	323.7	8.8	90.2	0.9	311
6.1	25.9	2064.1	800.0	8.8	8.1	159.0	4.3	-1.5	4.0	300.5	323.7	8.5	95.4	1.1	314
7.0	28.3	2327.0	775.0	7.3	6.7	145.5	4.2	-2.4	3.4	301.8	323.6	8.0	96.6	1.4	319
7.9	30.9	2596.6	750.0	5.6	4.8	134.1	3.9	-2.8	2.7	302.6	322.7	7.2	94.9	1.6	318
8.9	33.6	2873.7	725.0	3.8	3.3	148.7	3.8	-2.0	3.3	303.6	322.4	6.7	96.8	1.8	319
9.8	36.3	3158.7	700.0	2.5	2.1	162.0	3.8	-1.1	3.5	305.2	323.2	6.4	97.2	2.0	320
10.9	39.1	3452.5	675.0	0.9	0.5	162.2	3.2	-1.0	3.1	306.7	323.4	5.9	96.9	2.2	322
11.9	41.9	3755.3	650.0	-1.0	-1.5	161.8	2.9	-0.9	2.7	307.8	323.1	5.3	96.5	2.4	324
13.0	44.8	4067.6	625.0	-2.9	99.9	196.1	2.9	0.8	2.8	309.2	999.9	99.9	999.9	2.5	326
14.2	47.8	4389.6	600.0	-4.8	99.9	197.9	3.8	1.2	3.6	310.6	999.9	99.9	999.9	2.7	330
15.4	50.9	4723.1	575.0	-6.7	99.9	218.8	3.3	2.0	2.6	312.2	999.9	99.9	999.9	2.9	334
16.6	54.0	5068.8	550.0	-8.2	99.9	259.9	3.9	3.9	0.8	314.3	999.9	99.9	999.9	2.9	339
17.9	57.3	5429.7	525.0	-9.7	-22.4	254.6	4.9	4.9	0.5	316.8	320.8	1.2	34.7	2.8	346
19.2	60.6	5805.4	500.0	-11.2	-29.3	264.2	4.8	4.8	0.5	319.5	321.8	0.7	20.7	2.8	354
20.7	64.0	6197.0	475.0	-13.5	-34.6	267.6	4.9	4.9	0.2	321.3	322.7	0.4	14.9	2.8	2
22.2	67.8	6606.4	450.0	-16.2	-38.2	277.9	4.7	4.7	-0.7	322.9	324.2	0.4	15.8	2.8	12
23.8	71.4	7033.6	425.0	-19.7	-39.5	286.9	3.7	3.6	-1.1	323.8	324.8	0.3	15.1	2.8	19
25.3	75.3	7481.2	400.0	-22.7	-42.5	284.2	4.9	4.7	-1.2	325.5	326.3	0.2	14.3	2.9	27
27.1	79.3	7951.6	375.0	-26.0	-46.0	289.0	8.1	7.7	-2.6	327.1	327.7	0.2	13.2	3.1	39
29.0	83.7	8446.8	350.0	-30.2	-49.9	287.5	9.4	9.0	-2.8	328.0	328.4	0.1	12.5	3.5	55
30.8	88.0	8966.5	325.0	-34.4	-53.3	284.5	8.6	8.3	-2.1	329.2	329.5	0.1	12.5	4.3	68
32.8	92.7	9524.0	300.0	-38.9	99.9	287.3	10.2	9.7	-3.0	330.5	999.9	99.9	999.9	5.1	73
34.9	97.6	10115.2	275.0	-43.2	99.9	283.0	15.6	15.2	-3.5	332.7	999.9	99.9	999.9	6.5	81
36.9	102.6	10751.0	250.0	-47.2	99.9	290.3	22.9	21.5	-8.0	335.9	999.9	99.9	999.9	8.6	87
39.2	108.0	11440.4	225.0	-52.5	99.9	294.2	28.2	25.8	-11.6	338.1	999.9	99.9	999.9	11.9	95
41.5	114.0	12191.0	200.0	-58.0	99.9	290.5	25.8	24.2	-9.0	340.9	999.9	99.9	999.9	15.7	99
44.1	120.0	13025.3	175.0	-60.8	99.9	288.8	23.7	22.7	-6.8	349.5	999.9	99.9	999.9	19.3	101
47.2	126.7	13906.4	150.0	-60.8	99.9	285.1	25.6	24.8	6.7	365.3	999.9	99.9	999.9	23.9	102
50.6	133.7	15116.6	125.0	-62.6	99.9	291.1	22.2	20.7	-8.0	381.6	999.9	99.9	999.9	28.9	103
54.7	141.0	16485.2	100.0	-63.8	99.9	284.8	13.3	12.9	-3.4	404.4	999.9	99.9	999.9	33.2	104
59.7	148.7	18249.2	75.0	-64.9	99.9	276.6	7.1	7.1	-0.2	436.8	999.9	99.9	999.9	36.2	104
66.8	156.7	20766.7	50.0	-56.6	99.9	258.1	2.8	2.7	0.6	505.5	999.9	99.9	999.9	37.3	104
79.2	166.0	25227.5	25.0	-47.9	99.9	290.6	1.9	1.7	-0.7	647.0	999.9	99.9	999.9	38.5	103

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ORIGINAL PAGE IS
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STATION NO 261
DEL RIO, TEXAS

1 MAY 1982
2015 GMT

160 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	314.0	981.8	24.9	15.5	180.0	1.6	0.0	1.6	299.6	330.1	11.4	56.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	3.9	375.0	975.0	23.7	15.6	188.4	2.1	0.3	2.1	299.0	329.8	11.6	60.7	0.1	10
0.7	11.2	801.3	950.0	20.9	14.5	186.9	2.3	0.3	2.3	298.4	327.7	11.0	67.0	0.1	11
1.4	13.5	831.6	925.0	18.5	14.3	166.0	3.0	-0.7	2.9	290.3	327.9	11.2	76.2	0.2	8
2.2	15.9	1086.4	900.0	16.3	13.8	136.8	4.2	-2.9	3.1	298.4	328.0	11.1	85.1	0.4	349
3.0	18.3	1305.9	875.0	14.2	12.1	16.0	5.9	-5.3	2.8	298.6	325.9	10.2	87.1	0.5	331
3.8	20.7	1550.5	850.0	12.4	11.1	109.5	6.9	-6.5	2.3	299.2	325.6	9.8	91.3	0.8	316
4.7	23.2	1801.0	825.0	10.9	9.6	112.2	6.9	-6.4	2.6	300.1	325.0	9.2	91.9	1.2	308
5.4	25.7	2057.9	800.0	9.8	7.6	116.8	5.5	-4.9	2.5	301.6	324.1	8.2	86.2	1.5	305
6.4	28.3	2321.5	775.0	8.2	6.8	125.3	4.7	-3.9	2.7	302.7	324.9	8.1	90.8	1.8	304
7.4	31.0	2592.1	750.0	6.5	4.0	145.0	2.9	-1.7	2.4	303.7	322.8	6.8	83.9	2.0	305
8.5	33.7	2870.3	725.0	5.0	2.7	177.9	2.6	-0.1	2.6	304.9	323.1	5.4	85.1	2.1	308
9.4	36.4	3156.1	700.0	3.0	1.5	176.0	3.0	-0.2	3.0	305.8	323.1	6.1	89.9	2.2	311
10.4	39.2	3450.3	675.0	1.3	0.5	191.8	2.8	0.6	2.7	307.1	323.9	5.9	94.6	2.3	314
11.4	42.0	3753.9	650.0	0.0	-1.7	218.9	3.5	2.2	2.7	309.0	324.1	5.2	88.0	2.4	318
12.5	45.0	4067.5	625.0	-1.9	-2.9	222.5	3.3	2.2	2.5	310.3	324.8	5.0	92.5	2.4	324
13.5	48.0	4391.2	600.0	-4.5	-5.9	206.0	1.8	0.8	1.6	310.9	323.2	4.1	90.0	2.5	328
14.8	51.1	4725.9	575.0	-5.7	-10.5	224.2	1.6	1.1	1.2	313.3	322.5	3.0	69.1	2.5	330
16.0	54.3	5074.0	550.0	-7.2	-12.6	274.5	3.3	3.3	-0.3	315.6	323.8	2.6	64.7	2.5	333
17.3	57.6	5435.7	525.0	-8.6*	-19.1	278.0	5.5	5.4	-0.8	318.1	323.3	1.6	42.5	2.3	340
18.5	61.0	5813.7	500.0	-9.2	-25.7	272.3	6.1	6.1	-0.2	321.8	325.0	0.9	24.8	2.1	351
19.8	64.6	6207.9	475.0	-12.3	-28.6	273.3	4.9	4.9	-0.3	322.8	325.4	0.8	24.2	2.1	2
21.2	68.1	6618.8	450.0	-15.0	-33.0	280.7	4.5	4.4	-0.8	324.3	326.2	0.5	19.7	2.1	12
22.5	71.9	7047.6	425.0	-19.0	-35.0	273.8	6.3	6.3	-0.4	324.7	326.3	0.4	22.5	2.2	23
24.1	75.8	7496.3	400.0	-22.3	-38.9	285.8	8.1	7.8	-2.2	326.0	327.2	0.3	20.3	2.5	40
25.8	79.8	7967.1	375.0	-26.3	-42.6	289.5	8.2	7.8	-2.7	326.8	327.7	0.2	19.6	2.9	56
27.5	84.0	8462.3	350.0	-29.9	-46.8	286.1	8.6	8.2	-2.4	328.4	329.0	0.2	17.4	3.4	67
29.1	88.2	8987.0	325.0	-33.4	-50.8	284.9	11.8	11.4	-3.0	330.7	331.1	0.1	15.3	4.2	75
30.7	92.8	9543.0	300.0	-38.2	99.9	284.7	15.6	15.1	-3.9	331.6	999.9	99.9	999.9	5.4	82
32.7	97.6	10138.7	275.0	-41.3	99.9	284.8	21.2	20.5	-5.4	335.5	999.9	99.9	999.9	7.5	88
34.7	102.8	10779.0	250.0	-47.0	99.9	999.9	99.9	99.9	99.9	338.3	999.9	99.9	999.9	10.2	93
36.8	108.0	11467.5	225.0	-53.1	99.9	999.9	99.9	99.9	99.9	337.2	999.9	99.9	999.9	999.9	999
39.2	113.7	12210.8	200.0	-58.4	99.9	279.8	25.0	24.6	-4.3	340.3	999.9	99.9	999.9	16.9	97
41.9	119.7	13047.4	175.0	-62.0	99.9	278.0	26.3	26.1	-3.7	347.6	999.9	99.9	999.9	21.1	97
44.8	126.2	14007.9	150.0	-61.1	99.9	280.4	24.4	24.0	-4.4	364.9	999.9	99.9	999.9	25.8	97
48.4	133.0	15137.2	125.0	-63.5	99.9	283.7	20.9	20.4	-5.0	380.0	999.9	99.9	999.9	30.6	98
52.6	140.3	16500.2	100.0	-65.2	99.9	284.3	14.6	14.1	-3.6	401.9	999.9	99.9	999.9	35.1	99
58.3	148.0	18251.4	75.0	-65.3	99.9	287.0	6.5	6.2	-1.9	436.0	999.9	99.9	999.9	38.3	99
65.9	155.7	20750.6	50.0	-60.5	99.9	345.4	2.6	0.6	-2.5	501.1	999.9	99.9	999.9	39.6	100
77.8	163.7	25213.7	25.0	-48.0	99.9	189.8	1.7	0.3	1.7	647.1	999.9	99.9	999.9	40.2	101

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164 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	314.0	980.4	22.2	16.7	60.0	4.6	-4.0	-2.3	297 0	329 5	12 3	71 0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	99 9	999.9	999 9	999
0.3	9.0	362.1	975.0	22.1	15.4	121.3	6.5	-5.5	3.4	297.5	327.5	11 4	65.4	0 1	287
1.5	11.3	588.0	950.0	20.5	15.2	108.9	5.8	-5.4	1.9	298.0	328 7	11 5	71.5	0 5	288
2.4	13.6	818.1	925.0	18.5	14.2	134.7	5.4	-3.8	3.8	298.3	327 9	11 1	76.0	0 8	292
3.4	15.9	1052.9	900.0	16.3	13.6	145.9	6.1	-3.4	5 0	298 4	327 5	11 0	83.6	1 1	301
4.2	18.3	1292.7	875.0	14.5	12 7	140.6	7 1	-4 5	5 5	298 9	327 3	10 6	88.5	1 4	307
5 0	20.8	1537.6	850.0	12.5	11 6	130.7	6.9	-5 2	4.5	299 2	326 5	10 2	94.2	1 7	309
5.9	23.2	1788.2	825.0	10.9	10.5	123.4	6.0	-5.0	3.3	300 1	326.4	9.7	97.1	2 1	308
6 7	25.7	2044.9	800.0	9.3	8 8	145.2	3.9	-2.2	3 2	301 1	325 5	9 0	96.9	2 3	307
7 6	28.3	2308.4	775.0	7 9	7 6	183.6	2.6	0.2	2 6	302 3	325 7	8 5	98 0	2 4	310
8.5	30.9	2578.9	750.0	6 4	6 1	236.8	1.7	1 4	0.9	303 5	325 5	7 9	97 8	2.5	312
9.6	33.6	2856.6	725.0	4 3	4 0	226 4	2.2	1 6	1.5	304 2	324 0	7 1	97 5	2 4	315
10 7	36.2	3142.3	700.0	3.0	2.4	229.8	2.0	1.5	1 3	305 8	324 3	6 5	96 1	2 5	318
11 7	39.0	3436.6	675.0	1.5	1.1	296.3	1.0	0.9	-0.5	307 3	324 9	6 1	97 0	2 4	320
12 9	41.9	3740.0	650.0	-0.7	-1 4	0.1	1.0	-0.0	-1 0	308 2	323 6	5.3	95 2	2 4	319
14 0	44.8	4053.3	625.0	-2.2	-2 7	35.0	0.7	-0 4	-0 5	310 0	324 7	5 0	96 3	2 3	318
15.2	47.8	4376.7	600.0	-4.8	-11.5	108.7	0.6	-0.6	0.2	310 6	318 6	2 6	59 4	2 3	317
16.4	50.9	4710.5	575.0	-6.5	-14.5	267.4	2.5	2.5	0.1	312.4	319.0	2.2	53 0	2 3	320
17.7	54.0	5057.2	550.0	-7.8	-17 2	293.7	3 3	3 0	-1 3	314.9	320 6	1 8	46 6	2 1	324
19.0	57.3	5417.8	525.0	-10.2	-22.9	305.7	3.7	3.0	-2 1	316.2	319 9	1.1	34 3	1 9	326
20.3	60.6	5792.1	500.0	-12.5	-32.1	300.3	4.7	4 0	-2.4	317 8	319.6	0 5	17 6	1 6	331
21.5	64.1	6182.1	475.0	-14.7	-36.2	299.1	5.0	4.4	-2 5	319.8	321 0	0 4	14 0	1 3	340
22.9	67.7	6589.3	450.0	-17.4	-39.1	291.3	5.1	4.8	-1.9	321.4	322.4	0.3	13 0	1 0	355.
24.4	71.5	7015.1	425.0	-20.3	-41.8	289.5	6.7	6.3	-2.2	322 9	323.7	0 2	12 6	1 0	26
26.0	75.3	7461.3	400.0	-23.6	-45.2	289.7	7.0	6.6	-2.4	324 3	324 9	0 2	11 6	1 2	61.
27.8	79.5	7929.6	375.0	-27.3	-49.2	277.6	7.7	7.6	-1 0	325 4	325.8	0 1	10 4	1 8	76
29.5	83.7	8422.8	350.0	-30.7	-54 0	280.0	11.7	11.5	-2 0	327 4	327 7	0 1	8.0	2.7	83
31 6	88.2	8945.4	325.0	-34.0	-56.7	284 6	16 5	16 0	-4 2	329 8	330 0	0 1	8.0	4 4	91
33.6	92.8	9501.7	300.0	-37.4	99.9	282 9	20.8	20 3	-4 6	332 7	999 9	99 9	999 9	6 8	96
35 8	97.8	10096.8	275.0	-42.0	99 9	282.3	24 8	24.3	-5.3	334 4	999 9	99 9	999 9	9 7	98
37.9	103.0	10734.9	250.0	-47 1	99 9	280 9	26 9	26 4	-5 1	336 0	999 9	99 9	999 9	12 9	99
40 2	108.4	11422.9	225.0	-53.2	99.9	277 3	30.5	30.3	-3.9	337 1	999.9	99 9	999 9	16 9	99
42.8	114.2	12170.7	200.0	-59.5	99 9	276.2	31 7	31 5	-3 4	338 6	999 9	99 9	999 9	21 8	98
45 6	120.5	12998.4	175.0	-63.5	99 9	276.9	28.3	28.1	-3 4	345 1	999 9	99 9	999 9	26 9	98
48.5	127.0	13953.8	150.0	-60.3	99.9	277.2	23.8	23 6	-3 0	366 2	999 9	99 9	999 9	31 6	98
52.4	134.0	15078.8	125.0	-64.3	99.9	286.4	20.7	19 8	-5.8	378 6	999 9	99 9	999.9	36 7	98
56 7	141.7	16430.6	100.0	-67.6	99.9	290 0	14.4	13 5	-4 9	397 1	999 9	99 9	999 9	41 0	99
62.2	149.3	18175.4	75.0	-65.9	99.9	279.0	7.6	7 5	-1 2	434 8	999 9	99 9	999.9	44 3	100
69.9	157.7	20662.0	50.0	-59.8	99 9	114.6	3.2	-2 9	1 3	502 7	999 9	99 9	999.9	45 6	100
83 2	166.0	25099.8	25.0	-50.3	99 9	317.5	6.3	4.3	-4 7	640 2	999 9	99 9	999 9	45 2	102

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 261
DEL RIO, TEXAS

2 MAY 1982
215 GMT

156 23 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.5	314.0	981.1	21.0	17.0	70.0	2.6	-2.4	-0.9	295.8	328.6	12.6	78.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	9.0	368.2	975.0	22.0	15.2	122.2	9.1	-7.7	4.9	297.4	327.1	11.2	65.1	0.1	295
1.0	11.3	594.4	950.0	21.6	13.8	124.8	8.4	-6.9	4.8	299.1	327.3	10.5	61.3	0.4	300.
1.8	13.5	825.2	925.0	19.4	13.2	131.0	7.6	-5.8	5.0	299.2	327.0	10.4	67.5	0.7	304
2.6	15.9	1060.5	900.0	17.2	12.9	139.2	7.4	-4.8	5.6	299.3	327.3	10.5	75.8	1.1	307
3.4	18.3	1300.7	875.0	14.8	12.8	145.9	7.9	-4.4	6.5	299.2	327.8	10.7	87.5	1.5	312
4.2	20.7	1545.8	850.0	12.8	11.9	140.8	6.5	-4.1	5.0	299.6	327.4	10.4	94.1	1.8	315
5.2	23.2	1796.5	825.0	11.3	9.3	128.2	5.8	-4.6	3.6	300.6	325.0	9.0	87.5	2.1	314
6.0	25.7	2053.9	800.0	10.4	7.6	132.5	4.6	-3.4	3.1	302.2	324.8	8.2	83.0	2.4	314
6.9	28.2	2317.9	775.0	8.2	6.8	143.6	3.9	-2.3	3.1	302.7	324.9	8.1	90.7	2.6	314
7.7	37.6	2588.6	750.0	6.3	5.7	153.5	3.6	-1.6	3.2	303.4	324.7	7.7	95.8	2.8	315
8.6	33.4	2866.4	725.0	4.5	4.2	144.1	3.2	-1.9	2.6	304.4	324.4	7.1	97.5	3.0	316
9.6	36.1	3152.2	700.0	2.9	2.5	120.1	3.2	-2.8	1.6	305.7	324.3	6.6	97.2	3.2	316
10.6	38.9	3446.6	675.0	1.2	0.8	120.9	2.4	-2.1	1.2	307.0	324.3	6.0	96.9	3.3	315
11.5	41.7	3750.4	650.0	-0.0	-2.9	170.3	1.3	-0.2	1.3	309.0	322.9	4.8	81.2	3.4	315
12.5	44.6	4063.8	625.0	-2.3	-3.8	260.1	2.4	2.3	0.4	309.8	323.4	4.6	89.5	3.4	316
13.8	47.5	4387.7	600.0	-3.2	-7.4	273.3	3.6	3.6	-0.2	312.4	323.5	3.7	73.4	3.2	319
14.7	50.6	4724.4	575.0	-4.5	-11.7	264.5	3.8	3.8	0.4	314.7	323.0	2.7	57.1	3.1	322
15.8	53.7	5072.9	550.0	-7.4	-13.2	279.1	3.6	3.6	-0.6	315.3	323.1	2.5	62.9	3.0	326
17.1	56.9	5434.3	525.0	-8.9	-18.1	322.7	2.4	1.5	-1.9	317.7	323.3	1.7	47.1	2.8	328
18.4	60.3	5811.3	500.0	-10.0	-31.2	312.7	1.4	1.0	-0.9	320.9	322.8	0.6	15.7	2.6	327
19.9	63.7	6205.1	475.0	-12.4	-34.9	257.8	2.2	2.2	0.5	322.6	324.1	0.4	13.3	2.5	331
21.3	67.3	6615.5	450.0	-15.7	-37.1	253.7	3.1	3.0	0.9	323.5	324.7	0.3	13.9	2.5	335
22.7	71.0	7043.6	425.0	-19.1	-39.9	259.3	4.9	4.8	0.9	324.4	325.4	0.3	13.9	2.5	343
24.2	74.8	7491.6	400.0	-23.0	-43.3	264.3	5.7	5.7	0.6	325.1	325.9	0.2	13.5	2.4	355
25.9	78.8	7961.8	375.0	-25.9	-49.2	274.1	7.8	7.7	-0.6	327.3	327.7	0.1	9.1	2.5	10
27.8	83.0	8457.7	350.0	-29.1	-52.0	285.1	9.9	9.6	-2.6	329.5	329.8	0.1	8.8	2.6	22
29.5	87.3	8984.0	325.0	-32.4	-38.2	282.8	15.8	15.4	-3.5	332.0	333.6	0.4	56.2	3.3	54
31.5	91.8	9543.9	300.0	-36.3	99.9	278.4	21.0	20.7	-3.1	334.2	999.9	99.9	999.9	5.1	72
33.4	96.7	10140.7	275.0	-41.5	99.9	274.2	24.3	24.3	-1.8	335.1	999.9	99.9	999.9	7.4	80
35.5	101.8	10779.2	250.0	-47.4	99.9	270.4	27.1	27.1	-0.2	335.7	999.9	99.9	999.9	10.8	84
37.9	107.2	11468.0	225.0	-54.0	99.9	270.7	28.2	28.2	-0.3	335.8	999.9	99.9	999.9	14.7	86
40.4	112.7	12210.4	200.0	-60.7	99.9	274.0	27.6	27.6	-1.9	336.6	999.9	99.9	999.9	18.9	87
43.4	119.0	13035.2	175.0	-64.2	99.9	274.4	27.7	27.6	-2.1	344.0	999.9	99.9	999.9	23.8	89
46.8	125.3	13983.7	150.0	-62.4	99.9	272.2	23.2	23.2	-0.9	362.6	999.9	99.9	999.9	29.0	90
51.0	132.2	15107.0	125.0	-64.5	99.9	285.9	18.3	17.6	-5.0	378.3	999.9	99.9	999.9	34.4	90
56.0	139.3	16452.1	100.0	-69.2	99.9	282.4	11.9	11.6	-2.6	394.0	999.9	99.9	999.9	38.4	92
62.8	146.7	18183.8	75.0	-67.5	99.9	286.2	7.4	7.1	-2.1	431.3	999.9	99.9	999.9	41.8	93.
72.4	154.7	20652.7	50.0	-63.3	99.9	36.3	3.8	-2.2	-3.0	494.4	999.9	99.9	999.9	43.4	93
87.3	162.5	25057.2	25.0	-54.2	99.9	999.9	99.9	99.9	99.9	629.6	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO 281
DEL RIO, TEXAS

2 MAY 1982
515 GMT

158 24. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.1	314.0	981.8	20.0	15.6	110.0	3.6	-3.4	1.2	294.7	324.7	11.5	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	999.9	99.9	999.9	999.9	999
0.2	8.7	374.2	975.0	20.2	15.8	123.9	8.4	-7.0	4.7	295.5	326.1	11.7	75.9	0.2	324
0.9	10.8	599.1	950.0	20.0	16.2	134.4	10.9	-7.8	7.6	297.5	329.9	12.3	78.9	0.6	308
1.8	13.2	828.9	925.0	18.1	14.6	141.0	10.1	-6.4	7.9	297.8	328.0	11.4	80.4	1.1	313
2.5	15.5	1063.5	900.0	16.3	13.4	146.2	9.5	-5.3	7.9	298.3	327.0	10.8	83.0	1.5	316
3.3	17.8	1302.9	875.0	14.3	12.7	149.4	8.1	-4.1	6.9	298.6	327.0	10.6	90.3	1.9	319
4.2	20.2	1547.6	850.0	12.2	11.4	150.5	7.3	-3.6	6.4	299.0	326.0	10.1	94.9	2.3	321
5.0	22.6	1797.9	825.0	10.6	10.0	152.6	5.6	-2.6	5.0	299.8	325.2	9.4	95.8	2.6	322
5.8	25.1	2054.5	800.0	9.5	8.5	141.0	4.6	-2.9	3.6	301.3	325.3	8.8	93.6	2.9	323
6.7	27.6	2318.0	775.0	8.0	5.4	125.3	3.9	-3.2	2.2	302.5	322.7	7.3	83.4	3.1	322
7.6	30.2	2588.4	750.0	6.6	3.2	122.6	3.8	-3.2	2.0	303.7	321.8	6.5	79.0	3.3	321
8.4	32.8	2866.3	725.0	4.7	3.5	140.6	3.2	-2.1	2.5	304.7	323.9	6.8	92.1	3.5	320
9.5	35.6	3152.4	700.0	3.5	0.5	176.0	3.8	-0.3	3.8	306.4	322.7	5.7	80.6	3.8	321
10.5	38.3	3447.5	675.0	2.1	-1.7	185.4	3.6	0.3	3.6	308.0	322.5	5.0	76.0	3.8	324
11.5	41.1	3751.4	650.0	-0.1	-2.5	202.4	2.7	1.0	2.5	308.9	323.2	4.9	83.9	4.0	325
12.6	44.0	4064.7	625.0	-1.9	-2.4	245.5	2.9	2.6	1.2	310.3	325.4	5.2	96.4	4.0	328
13.7	47.0	4389.5	600.0	-3.0	-7.0	245.1	4.1	3.7	1.7	312.7	324.0	3.8	73.4	3.9	331
14.8	50.0	4726.5	575.0	-3.7	-10.7	242.9	4.5	4.0	2.1	315.6	324.7	2.9	58.3	3.9	335
16.1	53.1	5076.4	550.0	-5.3	-18.9	242.6	4.8	4.3	2.2	317.8	322.8	1.6	33.4	4.0	341
17.3	56.4	5440.3	525.0	-7.7	-22.2	249.6	5.4	5.0	1.9	319.2	323.3	1.2	30.0	4.0	346
18.6	59.8	5818.1	500.0	-10.3	-26.7	260.8	4.7	4.6	0.7	320.6	323.4	0.9	24.3	4.1	351
20.0	63.3	6210.9	475.0	-13.2	-30.0	260.8	4.6	4.5	0.7	321.7	323.9	0.7	22.7	4.0	357
21.3	66.8	6620.1	450.0	-16.3	-32.4	263.5	5.3	5.2	0.6	322.7	324.7	0.6	23.3	4.1	2
22.8	70.5	7047.6	425.0	-19.4	-38.0	257.2	6.9	6.7	1.5	324.1	325.3	0.3	17.4	4.2	9
24.4	74.3	7495.4	400.0	-22.4	-42.5	262.6	7.3	7.3	1.0	325.9	326.7	0.2	14.0	4.5	18
26.0	78.3	7965.9	375.0	-26.3	-34.7	271.0	7.9	7.9	-0.1	326.8	328.7	0.5	44.7	4.8	25
27.7	82.7	8461.3	350.0	-29.8	-32.2	269.0	13.5	13.5	0.2	328.5	331.1	0.7	80.0	5.3	35
29.4	87.0	8985.8	325.0	-33.4	-34.2	278.5	18.5	18.3	-2.7	330.7	333.0	0.6	92.3	6.5	48
31.3	91.6	9543.2	300.0	-37.4	99.9	275.1	19.3	19.2	-1.7	332.7	999.9	99.9	999.9	8.0	61
33.5	96.6	10137.3	275.0	-42.7	99.9	269.9	21.0	21.0	0.0	333.5	999.9	99.9	999.9	10.4	68
36.0	101.8	10772.4	250.0	-48.7	99.9	267.0	24.3	24.3	1.3	333.7	999.9	99.9	999.9	12.5	73
38.6	107.3	11456.1	225.0	-54.6	99.9	262.9	27.2	27.0	3.3	334.8	999.9	99.9	999.9	17.6	76
41.6	113.2	12199.6	200.0	-60.3	99.9	264.5	24.2	24.1	2.3	337.3	999.9	99.9	999.9	22.0	77
44.6	119.5	13023.6	175.0	-64.2	99.9	268.5	27.2	27.2	0.7	344.0	999.9	99.9	999.9	26.8	79
47.9	126.0	13969.0	150.0	-63.4	99.9	267.9	22.8	22.6	0.8	360.8	999.9	99.9	999.9	31.3	80
52.2	133.0	15090.5	125.0	-64.6	99.9	277.4	16.4	16.3	-2.1	378.0	999.9	99.9	999.9	36.8	82
57.0	140.3	16435.6	100.0	-68.4	99.9	269.1	10.6	10.6	0.2	395.5	999.9	99.9	999.9	40.1	83
63.2	148.3	18159.0	75.0	-68.6	99.9	296.9	8.0	7.1	-3.6	429.2	999.9	99.9	999.9	43.2	84
71.4	156.3	20629.9	50.0	-63.7	99.9	228.9	4.4	3.3	[illegible]	493.5	999.9	99.9	999.9	44.9	85
85.0	164.7	25003.1	25.0	-54.9	99.9	999.9	99.9	99.9	99.9	627.4	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME [illegible] BEEN INTERPOLATED
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MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	314 0	981.8	18 3	17.3	90.0	3.1	-3 1	0 0	293 0	326 0	12 8	94 0	0 0	0
99 9	99.9	99.9	1000.0	99 9	99.9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.2	8.9	373 8	975.0	17.9	17 6	121.8	9.9	-8 4	5 2	293 1	327 0	13 1	98 4	0 2	305
0 9	11.3	596 6	950.0	16 9	16 7	133 2	10 6	-7 7	7 3	294 3	327 3	12 7	98.9	0 5	302
1.6	13.5	824 6	925.0	16 0	15.9	143 9	10 9	-6 4	8 8	295 7	328 1	12 4	98 9	0 9	311
2 4	15.9	1057 6	900 0	14 5	14 3	144 7	10 2	-5 9	8 4	296 4	326 6	11 5	98 7	1 4	316
3.2	18.4	1298 0	875.0	13 0	12 8	148.2	9.3	-4 9	7 9	297 3	325 7	10 7	98 6	1 9	319
3.8	20.8	1535 8	850 0	11 6	11.4	154 8	7 4	-3 2	6 7	298 3	325 1	10 0	98 4	2 2	320
4.7	23.3	1789 6	825.0	10.4	10 1	172.9	5.1	0 6	5 0	299 6	325 1	9 5	98 3	2 5	323
5 7	25.9	2045 8	800.0	8 8	8.5	166 6	6 2	-1.4	6 1	300 6	324 5	8 8	98.1	2 7	326
6.5	28.4	2308 8	775.0	7 5	6.7	167.7	5.6	-1.2	5 5	301 8	323.8	8 0	94 8	3 1	328
7.5	31 0	2578 6	750.0	5.8	3 2	178.0	5.4	-0 2	5 4	302 9	320 9	6 5	83 4	3 3	331
8.6	33.7	2856 2	725.0	4 5	4 1	165.0	6.4	-1 7	6 2	304 5	324 3	7 1	96 7	3 [illegible]	33
9.4	36 4	3142.1	700 0	3 2	2 9	152 7	5 3	-2 4	4 7	306 0	325 1	6 8	97 9	4 [illegible]	333
10.5	39.2	3436 8	675 0	1.6	1.2	163.8	1.5	-0 4	1 4	307 4	325 2	6 2	97 4	4 2	333
11.5	42.0	3740 5	650.0	-0 0	-2.1	272 0	2.7	2 7	-0 1	309 0	323 7	5 1	86 1	4 2	333
12.6	45.0	4054 2	625 0	-1.6	-7 4	292 1	6 6	6.1	-2.5	310 6	321 2	3 5	64 6	4 0	337
13.7	48.0	4378.6	600 0	-3 1	-7 2	285 2	7 5	7 3	-2.0	312.5	323 6	3 7	73 4	3 6	342
15.0	51.0	4714 5	575.0	-5 3	-11 3	285 5	6 2	6 0	-1.7	313 8	322 4	2 8	62 3	3 4	350
16.2	54.3	5062 4	550 0	-7 6	-14.9	268.4	6 9	6.9	0 2	315 1	322 0	2.2	56 1	3 3	358
17.6	57.5	5423.1	525.0	-9 5	-24.5	254.1	6 4	6.2	1 8	317 0	320 3	1 0	29 0	3 4	7
18.9	60.9	5798 6	500 0	-11 6	-32.5	246.9	5.5	5.1	2.2	318 9	320 6	0 5	15 6	3.6	14
20.4	64 4	6189.9	475.0	-14.0	-38.5	243.6	5 3	4 8	2 4	320 6	321 6	0 3	10 6	4 0	19
21.8	68 0	6598 2	450.0	-16 6	-39.8	240.0	4 6	4 0	2 3	322.4	323 4	0 3	11 2	4 3	23
23.3	71.8	7025 3	425.0	-19.8	-43 6	239 8	4.7	4.0	2 3	323 6	324 3	0 2	9.9	4 6	26
24.9	75.7	7471.6	400.0	-23 9	-33.1	250 1	5 6	5 3	1 9	323 9	326 0	0 6	42 4	5 0	29
26.5	79.7	7939 7	375.0	-26 9	-29.7	267 2	8.5	8 4	0 4	326 1	329 0	0 9	76 8	5 4	34
28.2	84.0	8434.8	350.0	-30 1	-33.4	263.7	12.1	12 0	1 3	328.2	330 5	0 6	72 7	6 1	43
29.9	88.3	8958 5	325.0	-34 1	-39 7	245 9	15 3	14 0	6 2	329 7	331 1	0 4	56 2	7 3	49
31.8	93.0	9512 6	300.0	-39 2	99 9	239 0	19 6	16 8	10 1	330 1	999.9	99 9	999 9	9 2	51
33.9	97.8	10101 3	275.0	-44 9	99.9	238.9	21 8	18 7	11 2	330 2	999.9	99 9	999 9	11 9	53
36.2	103.0	10733 1	250.0	-48 7	99 9	248 7	21 2	19 8	7.7	333 7	999 9	99 9	999 9	14 9	55
38.7	108.4	11418 0	225 0	-54.1	99.9	255.9	21 1	20 4	5.1	335.7	999 9	99 9	999 9	17 8	58
41.3	114.2	12164 8	200.0	-58.5	99.9	262 8	25.3	25 1	3 2	340 2	999 9	99 9	999 9	21 0	61
44.1	120.3	12997.0	175.0	-61 5	99.9	270.6	30.4	30 4	-0 3	348 4	999 9	99 9	999 9	25 5	66
47.3	127.0	13942 6	150.0	-62.9	99.9	272.0	22.9	22 9	-0 8	361.8	999.9	99 9	999 9	30 4	70
51.0	133.7 *	15068.1	125 0	-64.1	99 9	271 8	14.2	14 2	-0 4	379 0	999 9	99 9	999 9	33 9	73
55.3	141.2	16416.0	100.0	-67.9	99.9	270.5	12 1	12.1	-0 1	396 5	999.9	99 9	999 9	37 0	74
60.4	149.0	18145.3	75.0	-68.4	99 9	263.3	6 4	6.4	0.8	429 6	999 9	99 9	999 9	39 7	76
67.9	157.0	20621.3	50.0	-59 5	99.9	187.7	3 3	0 4	3 3	503 2	999 9	99 9	999 9	39 6	77
79.7	165.0	25014.9	25.0	-52.7	99.9	322.1	5 5	3.4	-4 4	633 3	999 9	99 9	999 9	40 0	77

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS

1 MAY 1982
1100 GMT

155 19 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	14.5	873.0	920.8	11.7	11.1	60.0	3.6	-3.1	-1 8	291 7	315.3	9.1	96.0	0 0	0
99 9	99.9	99.9	1000.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99 9	99.9	99.9	99 9	99.9	99.9	999 9	99 9	999.9	999 9	999
99 9	99.9	99.9	950.0	99 9	99 9	99 9	99.9	99.9	99.9	99 9	939 9	99 9	999.9	999 9	999
99.9	99.9	99.9	925.0	99.9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 9	16.5	1064.1	900.0	10.2	9.8	76.6	8.2	-7 9	-1.9	292 0	314 4	8 5	97.4	0 3	248
1 8	18.9	1298.6	875.0	9 2	8 5	87 7	7.6	-7 6	-0 3	293 3	314 7	8 1	96.5	0 8	256
2.8	21.3	1539.4	850.0	8.6	7 9	6. 9	5.3	-5 2	-0 7	295 2	316 3	7 9	95 3	1 1	260
3 4	23.8	1786.3	825.0	8.1	4 6	61 9	4.3	-3.8	-2.0	297 1	314 8	6 5	79 2	1 3	259
4 4	26.4	2040.9	800 0	8 1	3.0	52.4	5.9	-4 7	-3.6	299 8	316 3	6.0	70 4	1 5	255
5 4	29.0	2302.3	775.0	6 1	1 1	48 6	6 9	-5 2	-4 6	300 3	315 3	5 4	70 5	1 9	250
6 5	31.6	2570.9	750.0	4.9	-0 0	37.7	6 5	-4 0	-5 2	301 9	316 3	5 1	70 6	2 4	245
7 5	34.3	2846.8	725.0	3 1	-1 3	357 7	3.8	0 2	-3 8	302 9	316 6	4 8	72 8	2 6	241
8 6	37.1	3130.7	700 0	0.9	-1 0	294 1	2 4	2 2	-1 0	303 5	318 0	5 1	87.0	2 6	237
9 8	39.9	3422.7	675.0	-0 7	-3 5	247.7	1.7	1 6	0.7	304 9	317 5	4 4	81.5	2 5	235
10.9	42.8	3723.2	650.0	-3.6	-4.3	144.3	1 2	-0.7	1.0	304 9	317 3	4 3	95 3	2 4	235
12 1	45.8	4034.3	625.0	-2.3	-9.3	118.8	1 6	-1 4	0.8	309 8	318 9	3 0	59.0	2 5	238
13 3	48.8	4357.4	600.0	-4.7	-10.9	84 4	1.3	-1 3	-0.1	310.7	319 1	2 8	61.9	2 5	239
14.6	51.9	4691.1	575.0	-6.8	-18 0	72 8	2 5	-2 4	-0.7	312 0	317 1	1 6	40 5	2 7	240
16.0	55.0	5037.1	550.0	-8.4	-19 3	74 0	2.9	-2 8	-0 8	314 1	318 9	1 5	40 9	2 9	241
17.5	58.4	5397.3	525.0	-10.6	-17.5	49 1	2.7	-2.0	-1 8	315 6	321 5	1 8	57 0	3 1	242
18.9	61.7	5771.1	500.0	-12.7	-20.9	36.8	4.5	-2 7	-3.6	317 6	322 3	1.4	50 2	3 4	239
20.2	65.3	6161.1	475.0	-15.0	-24.0	28.6	5 1	-2 4	-4 5	319 4	323 2	1 2	46 1	3 8	237
21.7	68.8	6567.9	450.0	-17.7	-26.3	12 0	5 8	-1 2	-5 7	321 0	324 3	1 0	46 6	4.1	233
23.2	72.4	6993.3	425.0	-20.8	-29 7	4.8	6.4	-0.5	-6 3	322.3	324 9	0 8	44.9	4 6	228
24.8	76.3	7438.0	400.0	-24.4	-33.9	356 2	6 8	0 5	-6 7	323 3	325 1	0 5	40 9	5 0	223
26 6	80.3	7904.5	375.0	-28.3	-37 2	338 5	6 8	2 5	-6.3	324 1	325 6	0 4	41 9	5 5	216
28 5	84.7	8395.4	350.0	-32 2	-42 3	328.8	6 6	3.4	-5 6	325 3	326.3	0 3	35 5	5 8	210
30.6	89.2	8914.1	325.0	-36.5	-48 5	319.9	7 4	4.7	-5.6	326 4	327 0	0 1	27 2	6 2	203
32.6	93.8	9463.7	300.0	-41 0	99 9	301 0	8.0	6 8	-4 1	327 6	999 9	99 9	999 9	6 6	195
34.8	98.8	10048.7	275.0	-46 3	99.9	290 0	7.7	7 2	-2.6	328 2	999 9	99 9	999 9	6 8	186
36 9	103.8	10674.2	250.0	-51.7	99 9	284.4	7.3	7 1	-1 8	329 3	999 9	99 9	999 9	7 1	179
39 5	109.4	11349.3	225.0	-56.9	99 9	276 4	10.3	10 3	-1 2	331 3	999 9	99 9	999 9	7 3	170
42.3	115.2	12088.7	200.0	-61.0	99.9	293.5	16 6	15.2	-6 6	336 2	999 9	99 9	999 9	8 7	155
45 3	121.2	12911.3	175.0	-64.4	99 9	303.7	17 3	14.4	-9 6	343 6	999 9	99 9	999 9	11 3	147
48 8	127.7	13858.1	150.0	-61.8	99 9	294.5	17.4	15 9	-7 2	363 6	999 9	99 9	999.9	14 8	140
53.0	134.7	14963.5	125.0	-63.7	99.9	285 3	16.7	16.1	-4 4	379 7	999 9	99 9	999.9	18 6	133
57 8	142.0	16346.0	100.0	-66.3	99 9	290.2	13.7	12.8	-4 7	399 6	999 9	99 9	999 9	22 7	129
64 3	149.7	18102.5	75.0	-64 9	99 9	294 2	7.0	6 4	-2 9	436 9	999 9	99 9	999 9	26 7	125
73 0	157.7	20595.5	50.0	-59.6	99 9	9 7	3.4	-0 6	-3 4	503 2	999 9	99 9	999.9	28 4	125
85 8	166.0	25006.2	25.0	-51 6	99 9	337 6	3.1	1 2	-2.9	636 5	999 9	99 9	999 9	27 8	129

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ORIGINAL PAGE IS
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STATION NO 265
MIDLAND, TEXAS

1 MAY 1982
1415 GMT

156 23 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	873.0	921.8	12.8	11.0	60.0	3.1	-2.7	-1.5	292.7	316.4	9.0	89.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	18.6	1073.8	900.0	10.5	10.1	71.6	6.9	-6.5	-2.2	292.4	315.1	8.7	97.3	0.3	244
1.5	19.0	1308.2	875.0	9.3	8.9	71.5	5.7	-5.4	-1.8	293.4	315.1	8.2	97.5	0.6	250
2.3	21.5	1549.3	850.0	9.0	8.9	70.4	5.5	-5.2	1.9	295.6	315.4	7.4	86.6	0.8	249
3.1	24.1	1796.0	825.0	7.0	6.1	74.1	5.8	-5.6	-1.6	296.0	315.4	7.2	93.7	1.1	250
4.0	26.7	2049.1	800.0	6.0	5.3	96.7	5.6	-5.5	0.6	297.5	316.6	7.0	95.5	1.4	252
4.9	29.3	2309.2	775.0	4.7	2.2	101.4	4.9	-4.8	1.0	298.8	314.9	5.8	84.2	1.6	259
5.8	32.0	2576.4	750.0	3.3	1.5	64.1	4.8	-4.3	-2.1	300.2	316.1	5.7	88.1	1.9	259
6.8	34.7	2851.3	725.0	2.1	-1.2	28.5	3.1	-1.5	-2.7	301.8	315.4	4.8	78.6	2.1	256
7.7	37.4	3134.5	700.0	0.9	-3.2	329.0	3.1	1.6	-2.7	303.5	315.9	4.3	74.0	2.1	252
8.7	40.3	3426.8	675.0	-0.1	-4.1	266.7	2.3	2.3	0.1	305.6	317.7	4.2	74.0	2.1	248
9.8	43.2	3728.9	650.0	-1.1	-4.2	219.4	2.5	1.6	1.9	307.7	320.3	4.3	79.3	1.9	250
10.9	46.3	4041.3	625.0	-2.4	-7.3	196.3	2.3	0.6	2.2	309.7	320.2	3.5	69.0	1.8	253
11.9	49.3	4364.7	600.0	-3.8	-10.3	164.4	2.1	-0.6	2.0	311.8	320.6	2.9	60.4	1.7	257
13.1	52.4	4700.2	575.0	-5.1	-15.9	115.2	1.4	-1.3	0.6	314.0	320.1	1.9	42.4	1.8	261
14.2	55.6	5048.5	550.0	-6.6	-24.0	59.2	1.5	-1.2	-0.7	316.2	319.5	1.0	23.5	1.9	261
15.5	59.0	5410.3	525.0	-9.1	-21.1	30.6	2.9	-1.5	-2.5	317.5	321.8	1.3	36.9	2.0	258
16.7	62.4	5787.2	500.0	-10.7	-22.8	28.2	4.1	-1.9	-3.6	320.0	324.0	1.2	35.9	2.2	252
18.1	65.9	6179.1	475.0	-14.0	-26.2	34.8	3.8	-2.2	-3.1	320.7	323.9	0.9	34.6	2.5	247
19.6	69.7	6587.3	450.0	-17.1	-28.2	10.0	3.3	-0.6	-3.2	321.7	324.5	0.8	37.5	2.7	243
20.9	73.5	7013.6	425.0	-20.2	-30.9	328.2	3.3	1.7	-2.8	323.1	325.5	0.7	37.5	2.7	237
22.4	77.4	7459.4	400.0	-23.7	-36.4	337.2	3.9	1.5	-3.6	324.2	325.7	0.4	29.5	2.7	232
23.8	81.5	7927.7	375.0	-27.2	-42.1	339.5	5.1	1.8	-4.8	325.6	326.5	0.3	23.1	3.0	225
25.5	85.8	8420.6	350.0	-31.1	-48.2	311.7	5.5	4.1	-3.6	326.8	327.4	0.1	16.6	3.1	215
27.2	90.4	8941.3	325.0	-35.8	-50.8	305.8	6.1	4.9	-3.6	327.4	327.8	0.1	19.4	3.2	205
28.9	95.2	9492.0	300.0	-40.6	99.9	286.6	7.7	7.4	-2.2	328.2	999.9	99.9	999.9	3.2	192
30.7	100.0	10078.8	275.0	-45.1	99.9	278.9	8.0	7.9	-1.2	330.0	999.9	99.9	999.9	3.4	178
32.8	105.4	10709.7	250.0	-49.6	99.9	279.7	11.1	11.0	-1.9	332.4	999.9	99.9	999.9	3.7	160
34.9	111.0	11390.3	225.0	-55.3	99.9	289.5	13.7	12.9	-4.6	333.7	999.9	99.9	999.9	4.8	144
37.2	116.7	12136.6	200.0	-59.2	99.9	291.5	16.2	15.1	-5.9	339.1	999.9	99.9	999.9	6.8	135
39.7	123.0	12964.5	175.0	-62.2	99.9	285.6	18.4	17.7	-4.9	347.2	999.9	99.9	999.9	9.0	128
42.8	129.7	13917.2	150.0	-60.4	99.9	290.2	21.6	20.3	-7.4	366.0	999.9	99.9	999.9	12.7	121
46.4	136.7	15055.7	125.0	-60.6	99.9	293.4	17.7	16.2	-7.0	385.3	999.9	99.9	999.9	17.2	119
50.7	144.3	16434.3	100.0	-64.3	99.9	302.8	13.2	11.1	-7.2	403.5	999.9	99.9	999.9	21.1	119
55.7	152.0	18199.1	75.0	-61.9	99.9	301.2	7.4	6.3	-3.8	443.2	999.9	99.9	999.9	24.1	120
62.6	160.2	20731.8	50.0	-57.1	99.9	309.0	4.0	3.1	-2.5	509.1	999.9	99.9	999.9	25.4	121
72.6	168.3	25160.2	25.0	-51.0	99.9	999.9	99.9	99.9	99.9	638.3	999.9	99.9	999.9	999.9	999

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	873.0	922.8	14.4	11.6	55.0	2.6	-2.1	-1.5	294.2	318.8	9.3	83.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	15.6	1083.7	900.0	11.5	10.8	64.9	5.9	-5.3	-2.5	293.4	317.3	9.1	95.4	0.3	234
1.6	17.9	1319.1	875.0	10.0	9.7	77.1	5.2	5.1	-1.2	294.2	317.2	8.7	97.6	0.5	243
2.4	20.3	1560.4	850.0	9.2	8.8	87.1	5.0	-5.0	-0.3	295.8	318.3	8.4	97.5	0.7	249
3.1	22.7	1808.3	825.0	8.3	7.9	103.7	4.2	-4.1	1.0	297.4	319.3	8.1	97.4	0.9	254
4.1	25.2	2062.6	800.0	7.2	6.8	116.4	3.9	-3.5	1.7	298.9	320.1	7.8	97.3	1.1	261
4.8	27.6	2324.4	775.0	6.4	6.0	145.5	4.3	-2.4	3.5	300.7	321.6	7.6	97.5	1.3	268
5.9	30.2	2593.4	750.0	5.3	4.0	160.2	3.2	-1.1	3.0	302.4	321.4	6.8	91.3	1.4	277
6.9	32.8	2870.0	725.0	3.4	-0.7	157.4	1.8	-0.7	1.6	303.1	317.5	5.1	75.1	1.4	284
7.9	35.5	3154.4	700.0	2.2	-3.4	162.1	0.6	-0.2	0.5	304.9	317.2	4.3	66.8	1.5	285
9.0	38.2	3447.4	675.0	0.5	-4.4	194.4	2.6	0.6	2.5	306.3	318.2	4.1	69.7	1.5	287
10.1	41.0	3749.7	650.0	-0.8	-3.8	192.6	3.8	0.8	3.7	308.1	321.1	4.5	80.1	1.5	297
11.2	43.9	4062.2	625.0	-2.3	-5.6	203.0	3.4	1.3	3.2	309.8	321.5	4.0	76.7	1.6	305
12.4	46.8	4385.7	600.0	-4.2	-14.9	195.0	2.3	0.6	2.2	311.3	317.5	2.0	42.9	1.6	313
13.6	49.9	4720.0	575.0	-6.1	-21.4	225.8	0.7	0.5	0.5	312.9	316.8	1.2	28.5	1.7	316
15.0	53.0	5066.5	550.0	-8.1	-27.2	347.9	1.1	0.2	-1.1	314.5	317.0	0.7	19.8	1.7	317
16.4	56.3	5427.0	525.0	-9.3	-26.9	37.2	2.1	-1.3	-1.7	317.3	320.0	0.8	22.4	1.6	311
17.7	59.6	5803.6	500.0	-10.6	-25.4	32.9	1.6	-0.9	-1.4	320.1	323.3	1.0	28.4	1.6	306
19.1	63.0	6196.5	475.0	-13.0	-26.1	332.3	1.7	0.8	-1.5	321.9	325.1	0.9	32.0	1.6	302
20.6	66.6	6606.2	450.0	-16.3	-28.0	300.0	2.6	2.3	-1.3	322.7	325.6	0.8	35.5	1.4	302
22.1	70.3	7034.0	425.0	-19.3	-32.8	288.0	4.2	4.0	-1.3	324.2	326.2	0.6	29.0	1.1	304
23.9	74.2	7481.8	400.0	-22.6	-41.5	276.9	5.4	5.4	-0.7	325.7	326.6	0.2	15.8	0.6	322
25.5	78.2	7952.1	375.0	-26.3	-46.0	264.3	7.8	7.8	0.8	328.7	327.3	0.2	13.6	0.6	20
27.2	82.3	8447.3	350.0	-30.5	-46.4	275.9	9.6	9.6	-1.0	327.7	328.2	0.1	15.2	1.3	06
29.1	86.8	8969.4	325.0	-35.0	-52.0	277.4	7.6	7.5	-1.0	328.4	328.8	0.1	15.6	2.2	80
30.9	91.4	9522.5	300.0	-39.5	99.9	279.0	7.4	7.3	-1.2	329.7	999.9	99.9	999.9	2.9	84
32.8	96.2	10112.4	275.0	-43.9	99.9	282.0	9.7	9.5	-2.0	331.6	999.9	99.9	999.9	3.8	88
34.9	101.2	10744.8	250.0	-49.5	99.9	284.3	12.6	12.2	-3.1	332.5	999.9	99.9	999.9	5.3	92
37.3	106.8	11428.8	225.0	-53.9	99.9	290.8	14.5	13.5	-5.1	336.0	999.9	99.9	999.9	7.1	97
39.6	112.5	12176.8	200.0	-58.9	99.9	285.4	19.1	18.5	-5.1	339.6	999.9	99.9	999.9	9.4	99
42.2	118.5	13006.1	175.0	-60.7	99.9	285.2	20.7	20.0	-5.4	349.8	999.9	99.9	999.9	12.5	101
45.1	125.0	13973.8	150.0	-58.7	99.9	287.8	20.6	19.7	-6.3	369.0	999.9	99.9	999.9	16.3	102
48.5	132.0	15115.6	125.0	-60.3	99.9	294.3	17.5	16.0	-7.2	385.9	999.9	99.9	999.9	20.3	104
52.4	139.2	16498.8	100.0	-62.6	99.9	292.6	12.0	11.1	-4.6	406.8	999.9	99.9	999.9	23.6	105
57.6	147.0	18276.0	75.0	-61.0	99.9	307.8	6.9	5.4	-4.2	445.1	999.9	99.9	999.9	26.5	107
64.6	155.0	20812.1	50.0	-56.8	99.9	999.9	99.9	99.9	99.9	509.6	999.9	99.9	399.9	27.0	108
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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

STATION NO 265
MIDLAND, TEXAS

1 MAY 1982
2015 GMT

149 32 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	873.0	921.8	13.9	12.8	50.0	[illegible].8	-2.0	-1.7	293.8	320.4	10.1	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	15.7	1074.4	900.0	11.3	10.8	50.2	6.3	-4.8	-4.0	293.2	317.1	9.1	96.7	0.2	230
1.4	18.1	1309.5	875.0	9.8	9.3	61.2	5.3	-4.7	-2.6	293.9	316.3	8.4	96.6	0.5	232
2.2	20.6	1550.6	850.0	9.3	8.8	79.6	4.7	-4.6	-0.9	295.9	318.3	8.4	96.5	0.7	227
3.0	23.1	1798.3	825.0	8.2	7.8	103.2	5.1	-4.9	1.2	297.2	319.1	8.1	97.7	0.9	245
3.8	25.6	2053.0	800.0	7.7	7.4	116.1	5.0	-4.5	2.2	299.4	321.5	8.1	97.7	1.1	255
4.7	28.1	2315.0	775.0	6.8	6.5	126.4	4.6	-3.7	2.7	301.2	322.7	7.9	97.6	1.3	264
5.6	30.8	2584.3	750.0	5.2	4.0	162.2	3.9	-1.2	3.7	302.2	321.2	6.9	92.4	1.4	270
6.5	33.4	2860.8	725.0	3.7	-2.7	163.1	3.0	-0.9	2.9	303.5	315.9	4.3	62.9	1.5	278
7.5	36.1	3145.6	700.0	3.0	-1.8	171.5	3.3	-0.5	3.2	305.9	319.7	4.8	70.7	1.6	283
8.5	39.0	3439.3	675.0	1.0	-2.5	204.4	4.6	1.9	4.2	306.8	320.5	4.7	77.5	1.6	291
9.5	41.8	3742.6	650.0	-0.6	-2.2	212.6	6.1	3.3	5.1	308.3	322.8	5.0	88.8	1.5	304
10.7	44.7	4055.7	625.0	-1.7	-5.3	217.8	6.0	3.8	4.7	310.5	322.7	4.1	78.5	1.6	320
11.8	47.7	4379.6	600.0	-4.0	-8.2	237.5	3.1	2.6	1.7	311.6	321.9	3.5	72.5	1.7	331
13.0	50.8	4714.7	575.0	-4.4	-20.2	309.4	1.7	1.3	-1.1	314.9	319.1	1.3	28.0	1.6	335
14.2	54.0	5063.3	550.0	-6.8	-26.1	10.0	1.7	-0.3	-1.7	316.1	318.8	0.8	19.7	1.5	334
15.6	57.3	5424.7	525.0	-9.4	-25.0	44.6	1.1	-0.7	-0.7	317.1	320.3	1.0	26.7	1.4	330
17.0	60.6	5800.7	500.0	-11.1	-25.6	195.6	1.1	0.3	1.0	319.5	322.7	0.9	29.0	1.4	329
18.5	64.1	6192.9	475.0	-13.6	-29.5	247.1	3.4	3.1	1.3	321.1	323.5	0.7	24.6	1.5	337
19.9	67.7	6601.7	450.0	-16.8	-34.9	265.6	5.6	5.6	0.4	322.2	323.7	0.4	19.0	1.4	352
21.3	71.4	7027.9	425.0	-20.2	-39.0	268.3	7.4	7.4	0.2	323.1	324.2	0.3	16.7	1.5	15
22.8	75.3	7474.2	400.0	-23.8	-43.6	269.5	9.4	9.4	0.1	324.1	324.8	0.2	14.1	1.8	37
24.4	79.3	7943.1	375.0	-26.7	-45.3	274.6	9.2	9.2	-0.7	326.3	327.0	0.2	15.2	2.5	56
26.2	83.5	8436.8	350.0	-30.9	-48.8	285.7	6.8	6.5	-1.8	327.1	327.8	0.1	15.2	3.2	66
27.9	88.0	8957.6	325.0	-35.5	-52.6	282.0	6.1	6.0	-1.3	327.6	328.1	0.1	15.1	3.7	72
29.7	92.6	9510.1	300.0	-39.4	99.9	284.6	8.1	7.9	-2.0	329.9	999.9	99.9	999.9	4.3	[illegible]
31.6	97.4	10098.6	275.0	-44.6	99.9	280.5	10.6	10.5	-1.9	330.8	999.9	99.9	999.9	5.3	82
33.7	102.6	10729.5	250.0	-49.3	99.9	281.0	14.1	13.8	-2.7	332.8	999.9	99.9	999.9	6.8	85
36.0	108.0	11414.1	225.0	-54.1	99.9	281.8	16.7	16.3	-3.4	335.7	999.9	99.9	999.9	8.9	90
38.4	113.6	12162.8	200.0	-58.1	99.9	279.3	20.1	19.8	-3.3	340.8	999.9	99.9	999.9	11.5	93
41.1	119.7	12997.0	175.0	-66.9	99.9	278.7	21.9	21.7	-3.3	349.6	999.9	99.9	999.9	14.9	94
44.1	126.0	13962.3	150.0	-59.2	99.9	285.9	22.6	21.8	-6.2	368.1	999.9	99.9	999.9	18.9	96
47.7	133.0	15101.6	12 0	-62.2	99.9	288.6	17.7	16.8	-5.7	382.3	999.9	99.9	999.9	23.3	98
51.7	140.0	16475.6	100.0	-64.3	99.9	285.3	13.8	13.3	-3.6	403.5	999.9	99.9	999.9	27.0	99
56.8	147.5	18245.8	75.0	-62.6	99.9	307.5	6.0	4.8	-3.6	441.7	999.9	99.9	999.9	29.8	100
63.6	155.3	20768.9	50.0	-58.6	99.9	285.4	3.0	2.9	-0.8	505.6	999.9	99.9	999.9	30.3	101
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS

1 MAY 1982
2300 GMT

152 23 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	13.8	873.0	920 1	15 0	12 7	50 0	2 6	-2 0	-1 7	295 1	321 7	10 1	86 0	0 0	0
99 9	99.9	99 9	1000 0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	925.0	99 9	99 9	99 9	99 9	99.9	99 9	99.9	999 9	99 9	999 9	999 9	999
0 7	15.6	1058 3	900 0	12 3	11 6	999 9	99 9	99 9	99 9	294 2	319 5	9 6	95 4	999 9	999
1 6	18.0	1295 4	875.0	10 5	10 0	999 9	99 9	99 9	99.9	294 8	318 3	8 9	96 7	999 9	999
2 5	20.4	1537 [illegible]	850 0	9 6	9 0	88 3	4 0	-4 0	-0 1	296 2	319 0	8 3	96 5	0 8	245
3 3	22.8	1785.4	825.0	8 8	8 0	127 4	3.0	-2 4	1 9	297 9	320 1	8 2	94 8	0 9	251
4 2	25 2	2040.2	800.0	7 6	6 9	160 6	4 0	-1 3	3 8	299 3	320 7	7 9	95 2	0 9	261
5 1	27 8	2302.4	775 0	6.7	5 9	182 2	5 6	0 2	5 6	301 0	321 8	7 6	94 9	1 0	279
6 0	30.3	2571.4	750 0	5 1	4 4	192 9	5 0	1 1	4 9	302 2	321 6	7 0	95 2	1 0	297
7 1	33 0	2848 0	725 0	3 5	2 0	194 0	4 4	1 1	4 2	303 3	320 5	6 1	90 0	1 1	311
8 2	35.7	3132 9	700 0	2 3	-0 6	199 9	4 9	1 7	4 6	305 0	320 0	5 3	81 6	1 2	323
9 1	38.3	3426.4	675 0	0 6	-0 7	202 6	5 7	2 2	5 3	306 3	321 8	5 4	91 2	1 4	334
10 4	41.2	3729.0	650 0	-0 9	-4 3	201 7	6 9	2 5	6 4	307 9	320 4	4 3	77 8	1 8	346
11 5	44 1	4041 6	625 0	-2 4	-7 1	199 9	5 7	1 9	5 4	309 7	320 4	3 6	70 1	2 2	353
12 6	47.0	4364.7	600.0	-4 2	-15 9	190 6	2 4	0 4	2 3	311 3	317 0	1 8	39 4	2 4	356
13 9	50 0	4699 4	575.0	-5 0	-19 3	85 5	1 3	-1 2	-0 1	314 2	318 8	1 4	31 3	2 5	356
15 2	53 1	5048.4	550 0	-6 4	-22 2	78 6	2 2	-2 2	-0 4	316 5	320 3	1 2	27 2	2 4	352
16 5	56.3	5410.7	525 0	-8 8	-21 6	118 3	2 3	-2 0	1 1	317 9	322 1	1 3	34 6	2 5	348
18 2	59 7	5787 2	500 0	-11 0	-21 2	207 1	2 3	1 1	2 1	319 7	324 3	1 4	42 5	2 7	347
19 7	63 1	6179.5	475.0	-13 7	-28 2	267 8	4 2	4 2	0 2	321 0	323 7	0 8	28 2	2 7	353
21 2	66 7	6587 9	450 0	-16 8	-31 5	274 5	5 9	5 9	-0 5	322 1	324 2	0 6	26 5	2 6	3
22 8	70.4	7014.6	425 0	-20.2	-34 2	275 1	7 4	7 4	-0 7	323 2	324 9	0 5	27 2	2 7	17
24 4	74.3	7461.0	400.0	-23 3	-42 4	277 1	8 9	8 8	-1 1	324 7	325 5	0 2	15 3	3 0	33
26 0	78.3	7929.5	375 0	-27 3	-45 6	282 6	7 4	7 2	-1 6	325 5	326 1	0 2	15 5	3 4	46
27 6	82 5	8422.1	350.0	-31 4	-48 6	291 6	4 9	4 6	-1 8	326 5	326 9	0 1	16 3	3 7	54
29 4	86.8	8942 8	325.0	-35 3	-52 3	288 6	6 9	6 6	-2 2	328 1	328 4	0 1	15 5	4 0	60
31 4	91.4	9495 1	300.0	-39 6	99 9	289 0	11 7	11 0	-3 8	329 5	999 9	99 9	999 9	4 8	69
33 5	96 4	10085.7	275.0	-43 3	99 9	282 3	17 5	17 1	-3 7	332 6	999 9	99 9	999 9	6 3	80
35 6	101.5	10720 4	250 0	-48 0	99 9	279 8	22 2	21 9	-3 8	334 8	999 9	99 9	999 9	8 8	85
38 0	107 0	11406 1	225 0	-54 1	99 9	277 4	25 0	24 7	-3 2	335 7	999 9	99 9	999 9	12 1	89
40 5	112 7	12152 9	200.0	-59 1	99 9	273 1	24 7	24 7	-1 3	339 2	999 9	99 9	999 9	15 9	91
43 2	118.8	12985.7	175.0	-60 1	99 9	277 9	22 0	21 8	-3 0	350 8	999 9	99 9	999 9	19 8	91
45 1	125 3	13948 7	150 0	-60 1	99 9	283 4	20 6	20 1	-4 8	366 6	999 9	99 9	999 9	23 3	93
49 6	132 2	15078 7	125.0	-63 5	99 9	287 4	19 1	18 2	-5 7	380 1	999 9	99 9	999 9	27 7	95
53 8	139.5	16442.1	100 0	-65 4	99 9	291 6	14 2	13 2	-5 2	401 4	999 9	99 9	999 9	31 6	97
59 1	147.3	18203.2	75 0	-63 7	99 9	302 9	5 8	4 9	-3 2	439 3	999 9	99 9	999 9	34 3	98
65 3	155 3	20723.6	50.0	-58 5	99 9	12 8	3 7	-0 8	-3 6	505 7	999 9	99 9	999 9	34 9	99
[illegible] 4	163 3	25191 6	25 0	-50 1	99 9	999 9	99 9	99 9	99 9	640 9	999 9	99 9	999 9	999 9	999

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	873.0	920.1	14.4	12.8	80.0	2.1	-1.8	-1.0	294.5	321.2	10.2	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	15.6	1059.5	900.0	13.2*	12.6	61.0	4.0	-3.5	-2.0	295.2	322.2	10.3	96.0	0.2	239
1.5	18.0	1296.6	875.0	11.5	11.0	83.0	3.4	-3.3	-0.4	295.7	320.9	9.5	96.8	0.4	243
2.3	20.4	1539.6	850.0	10.9	10.4	121.3	3.6	-3.1	1.9	297.6	322.7	9.4	96.8	0.5	255
3.3	22.7	1788.5	825.0	9.3	8.8	153.4	4.7	-2.1	4.2	298.4	321.8	8.7	96.5	0.6	274
4.1	25.1	2044.2	800.0	8.6	6.7	160.7	6.0	-2.0	5.6	300.3	321.5	7.8	88.2	0.8	293
5.0	27.6	2307.4	775.0	7.9	4.8	167.9	6.8	-1.4	6.6	302.3	321.8	7.0	80.8	1.1	306
6.0	30.1	2577.8	750.0	6.2	2.8	174.6	6.1	-0.6	6.1	303.3	320.9	6.3	79.0	1.4	320
7.1	32.7	2855.9	725.0	5.3	1.8	179.7	5.3	-0.0	5.3	305.3	322.4	6.1	78.3	1.7	327
8.1	35.3	3142.0	700.0	3.2	1.8	184.4	6.0	0.5	6.0	306.0	323.8	6.3	90.6	1.9	333
9.1	38.1	3436.4	675.0	1.1	0.7	178.8	8.0	-0.2	8.0	306.9	324.0	6.0	96.6	2.3	338
10.2	40.8	3739.9	650.0	-0.5	-1.0	179.7	8.1	-0.0	8.1	309.4	324.2	5.5	96.3	2.9	342
11.3	43.7	4053.2	625.0	-1.7	-3.5	190.6	5.7	1.1	5.6	310.5	324.4	4.7	87.7	3.3	345
12.5	46.6	4377.9	600.0	-3.0	-12.0	148.3	2.6	-1.3	2.2	312.6	320.8	2.7	51.9	3.5	346
13.8	49.5	4714.2	575.0	-4.2	-26.5	117.1	2.8	-2.5	1.3	315.1	317.6	0.8	15.6	3.6	344
15.1	52.6	5063.2	550.0	-6.3	-26.7	141.5	3.8	-2.4	3.0	316.6	319.2	0.8	18.0	3.9	342
16.4	55.8	5424.8	525.0	-9.1	-24.1	176.8	3.3	-0.2	3.3	317.5	320.9	1.0	28.1	4.1	341
17.9	59.0	5800.9	500.0	-10.8	-25.1	274.1	3.6	3.5	1.0	319.8	323.1	1.0	29.5	4.3	344
19.3	62.4	6193.4	475.0	-13.7	-30.4	267.3	3.8	3.6	-1.1	321.1	323.3	0.6	22.8	4.2	348
20.7	65.9	6601.7	450.0	-16.8	-33.2	277.6	4.6	4.4	-1.4	322.1	323.9	0.5	22.4	4.0	352
22.4	69.4	7028.6	425.0	-19.8	-40.0	264.4	6.3	6.1	-1.6	323.6	324.6	0.3	14.5	3.8	360
24.1	73.2	7475.0	400.0	-23.5	-42.9	293.3	6.0	5.5	-2.4	324.5	325.3	0.2	14.7	3.7	10
25.9	77.2	7943.7	375.0	-27.2	-45.7	295.2	3.2	2.9	-1.4	325.6	326.2	0.2	15.2	3.6	17
27.6	81.2	8436.6	350.0	-31.5	-49.2	284.3	3.8	3.7	-0.9	326.2	326.7	0.1	15.4	3.6	22
29.4	85.5	8957.0	325.0	-35.5	-52.5	293.1	6.4	5.9	-2.5	327.8	328.1	0.1	15.5	3.7	31
31.2	90.0	9509.9	300.0	-38.6	-55.0	294.5	10.5	9.6	-4.3	331.0	331.3	0.1	15.6	3.8	44
33.0	94.6	10102.8	275.0	-42.9	99.9	280.4	14.9	14.6	-2.7	333.0	999.9	99.9	999.9	4.7	60
35.2	99.5	10737.9	250.0	-48.4	99.9	273.1	18.0	17.9	-1.0	334.1	999.9	99.9	999.9	6.4	71
37.4	104.8	11422.7	225.0	-53.9	99.9	272.7	22.8	22.8	-1.1	336.0	999.9	99.9	999.9	9.1	77
39.8	110.3	12168.1	200.0	-59.9	99.9	270.9	25.5	25.5	-0.4	337.9	999.9	99.9	999.9	12.6	81
42.4	116.2	12997.5	175.0	-62.8	99.9	277.0	24.3	24.1	-3.0	346.3	999.9	99.9	999.9	16.5	84
45.3	122.5	13945.0	150.0	-62.2	99.9	281.2	18.3	18.0	-3.5	362.9	999.9	99.9	999.9	19.9	87
48.8	129.2	15072.5	125.0	-63.5	99.9	288.7	17.2	16.3	-5.5	380.0	999.9	99.9	999.9	23.6	90
52.9	136.2	16428.1	100.0	-66.2	99.9	301.0	12.2	10.5	-6.3	399.9	999.9	99.9	999.9	26.8	93
56.9	143.7	18178.6	75.0	-63.6	99.9	290.8	5.9	5.5	-2.1	439.7	999.9	99.9	999.9	28.9	95
65.1	151.3	20669.4	50.0	-62.0	99.9	19.7	5.0	-1.7	-4.7	497.4	999.9	99.9	999.9	30.3	96
77.3	159.7	25049.8	25.0	-54.1	99.9	999.9	99.9	99.9	99.9	629.7	999.9	99.9	999.9	27.4	100

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 265
MIDLAND, TEXAS

2 MAY 1982
500 GMT

157 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	14 0	873.0	920 8	14.4	13 3	80 0	3 6	-3.5	-0 6	294 4	322 0	10 5	93 0	0 0	0
99 9	99 9	99.9	1000 0	99 9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950 0	99.9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	925 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 6	15 9	1065 8	900 0	13.0	12 7	84 6	6 1	-6 0	-0 6	294 9	322 1	10 3	98 3	0 3	258
1 4	18 3	1302 4	875 0	11 3	11 0	101 1	8 0	-7 8	1 5	295 5	320 7	9 5	98 1	0 6	264
2 3	20 7	1545.2	850.0	11 0	10 7	125 3	8 5	-7 0	4 9	297 7	323 2	9 6	98 1	1 0	277
3 1	23 2	1784 3	825.0	9 6	9 3	138 5	9 7	-6 4	7 3	298 7	322 9	9 0	97 9	1 4	287
4 0	25 7	2050 0	800 0	8 5	8 2	155 4	9 0	-3 8	8 2	300 3	323 6	8 6	97 8	1 9	298
5.0	28 2	2312 5	775 0	7 2	6 8	168 4	8 9	-1 8	8 7	301 5	323 7	8 1	97 8	2 2	307
6 0	30 9	2562.1	750 0	5 9	5 5	172 3	6 9	-0 9	6 8	303 0	324 0	7 6	97 4	2 6	315
6 9	33 6	2859 3	725 0	4 0	3 6	174 2	5 1	-0 5	5 1	303 8	323 0	6 9	97 3	2 9	319
7 9	36 2	3144 3	700.0	2 2	1 5	182 2	5 2	0 2	5 2	305 0	322 2	6 1	94 8	3 1	322
8 9	39 0	3437.6	675.0	0 8	0 4	177 6	5 3	-0 2	5 3	306 6	323 3	5 9	97 1	3 4	326
9 9	41 9	3740 4	650 0	-0 6	-6 2	184 7	4 7	0 4	4 7	308 2	319 3	3 7	66 4	3 6	329
11 1	44 8	4054.2	625 0	-0 7	-6 7	177 2	4 2	-0 2	4 2	311 6	322 7	3 7	64 0	3 9	331
12 3	47 8	4379 3	600 0	-3 1	-21 0	163 0	4 4	-1 3	4 2	312 6	317 1	1 4	27 7	4 2	332
13 8	50 9	4715.6	575 0	-4 0	-27 4	166 1	4 5	-1 1	4 4	315 3	317 6	0 7	14 1	4 5	333
15 0	54 0	5064 5	550 0	-6 6	-28 5	176 9	4 0	-0 2	4 0	316 2	318 5	0 7	15 6	4 6	334
16 3	57 3	5426 4	525 0	-8 8	-21 5	215 9	4 4	2 6	3 6	317 8	322 1	1 3	34 8	5 1	336
17 6	60 [illegible]	5802 8	500 0	-11 1	-27 3	246 7	5 3	4 8	2 1	319 5	322 2	0 8	24 7	5 2	341
19 1	64 1	6193 8	475.0	-14.4	-32 0	259 4	2 9	2 9	0 5	320 2	322 0	0 5	20 7	5 2	345
20 5	67 7	6601 0	450 0	-17 7	-36 7	255 8	3 4	3 3	0 9	321 0	322 4	0 4	17 7	5 2	348
22 0	71 4	7027 2	4[illegible] 0	-20 1	-41 8	268 1	4 5	4 5	0 1	323 2	324 1	0 2	12 3	5 2	351
23 6	75 3	7473.3	4[illegible]0 0	-23 9	-44 5	253 3	3 7	3 5	1 1	324 0	324 7	0 2	12 8	5 1	356
25 3	79 5	7941 2	375 0	-27 4	-47 1	239 1	3 0	2 5	1 5	325 3	325 [illegible]	0 [illegible]	13 3	5 3	359
27 0	83 7	8433 4	350 0	-31 7	-50 0	240 1	4 1	3 6	2 1	326 0	326 4	0 1	14 3	5 5	2
28 9	88 [illegible]	8952 9	325 0	-35 6	-53 4	255 1	5 6	5 4	1 4	327 6	327 9	0 1	14 1	5 7	8
30 9	92 [illegible]	9505 4	300 0	-39 3	-56 1	273 3	8 3	8 3	-0 5	330 0	330 3	0 1	14 6	5 9	15
32 9	97 6	10096 5	275 0	-43 2	99 9	280 0	14 0	13 8	-2 4	332 7	999 9	99 9	999 9	6 2	27
35 0	102 8	10730.6	250 0	-48 8	99 9	273.6	17 1	17 1	-1 1	333 6	999 9	99 9	999 9	7 1	43
37 1	108 3	11413 7	225 0	-54 6	99 9	265 8	19 9	19 9	1 4	334 9	999 9	99 9	999 9	8 9	53
39 6	114 0	12155 4	200.0	-60 8	99 9	265 6	20 5	20 4	1 6	336 5	999 9	99 9	999 9	11 6	61
42 5	120 2	12982 6	175 0	-63 2	99 9	269 3	20 3	20 3	0 2	345 6	999 9	99 9	999 9	15 0	68
45 8	126 [illegible]	13934 9	150.0	-59 8	99 9	269 3	17 0	17 0	0 2	367 1	999 9	99 9	999 9	18 2	71
49 2	133 [illegible]	15061 9	125 0	-65 0	99 9	289 2	13 0	12 3	-4 3	377 2	999 9	99 9	999 9	21 0	75
53 7	141 0	16416 2	100 0	-66 1	99 9	288 5	8 9	8 4	-2 8	400 0	999 9	99 9	999 9	23 5	80
59 1	148 [illegible]	18164 1	75 0	-66 1	99 9	302 2	6 3	5 3	-3 3	434 4	999 9	99 9	999 9	25 7	82
67 0	156 [illegible]	20644 8	50.0	-61 2	99 9	268 5	4 2	4 2	0 1	499 5	999 9	99 9	999 9	26 1	86
80 1	165 0	25025 2	25.0	-54 1	99 9	186 2	6 1	0 7	6 0	629 3	999 9	99 9	999 9	23 2	83

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 265
MIDLAND, TEXAS

2 MAY 1982
1130 CMT

135 61 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	14 8	873 0	919.7	14 4	13 8	70 0	3 1	-2 [illegible]	-1 1	294 5	323 0	10 9	96 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	16 9	1056 2	900 0	13 4*	12 7	999 9	99 9	99 9	99 9	295 4	322 7	10 4	95 6	999 9	999
1 5	19 5	1293 6	875 0	12 1	11 4	999 9	99 9	99 9	99 9	296 4	322 3	9 8	95 6	999 9	999
2 3	22 1	1536 9	850.0	11 3	9 8	175 4	9 2	-0 7	9 2	298 0	322 3	9 0	90 4	1 0	330
3 3	24 8	1786 1	825 0	9 6	9 1	179 0	9 6	-0 2	9 6	298 8	322 6	8 8	96 2	1 5	340
4 2	27 4	2041 6	800 0	8 1	7 6	179 7	9 8	-0 0	9 8	299 8	322 2	8 3	97 1	2 0	345
5 2	30 2	2303 6	775 0	6.5	6 1	188 2	9 9	1 4	9 8	300 9	321 9	7 7	97 1	2 6	349
6 2	32 8	2572 7	750.0	5 1	4 6	183 7	9 2	2 2	9 0	302 1	321 9	7 1	96 9	3 2	353
7 1	35 6	2849 4	[illegible] 0	3.8	3 3	196 9	7 3	2 1	7 0	303 6	322 4	6 7	96 6	3 6	356
8 0	38 3	3134 4	700 0	2 2	1 7	199 2	4 8	1 6	4 6	305 0	322 5	6 2	96 4	3 9	358
9.0	41 1	3427 7	675.0	0 4	-0 1	185 3	3 8	0 4	3 8	306 2	322 2	[illegible] 6	96 0	4 1	359
10 1	43.9	3730 4	650.0	-1 2	-1 8	174 2	4 2	-0 4	4 7	307 6	322 5	5 2	95 3	4 4	359
11 1	46 8	4042 7	625.0	-3 0	-3 8	171 6	5 1	-0 8	5 1	309 0	322 5	4 6	94 5	4 5	358
12 2	49 8	4365 3	600 0	-5 3	-9 2	171 8	5 5	-0 8	5 4	310 0	319 6	3 2	74 3	5 0	359
13 4	52 7	4699 9	575.0	-7 3	-15 7	176 7	4 8	-0 3	4 8	311 5	317 5	1 9	50 7	5 4	357
14 6	55 7	5044 3	550.0	-9 1	-21 5	189 3	3 1	0 5	[illegible] 0	313 2	317 2	1 2	35 7	5 6	358
15 8	58.8	5402 7	525.0	-11 2	-29 7	175 9	1 6	-0 1	1 6	314 9	317 0	0 6	19 9	5 8	358
17 1	61 9	5775 4	500 0	-13 8	-31 5	192 0	3 0	0 6	3 0	316 4	318 3	0 5	20 3	5 9	358
18 4	65 1	6163 5	475.0	-16 3	-35 6	214 6	5 3	3 0	4 4	317 8	319 1	0 4	17 0	6 2	360
20 6	68 4	6567 8	450 0	-19 4	-40 3	225 8	6 0	4 3	4 2	318 9	319 8	0 2	13 5	6 [illegible]	3
21 6	71 9	6990 8	425 0	-22 0	-41 9	242 4	6 2	5 5	2 9	320 8	321 6	0 2	14 3	7 1	[illegible]
23 3	75 4	7433 4	400 0	-25 7	-44 1	233 6	4 6	3 7	2 7	321 6	322 3	0 2	15 9	[illegible] 4	10
25 0	79 0	7897 2	375 0	-29 6	-47 6	223 2	4 0	2 8	2 9	322 5	323 0	0 1	15 3	7 7	12
26 7	82 7	8388 5	350.0	-33 1	-44 9	215 6	4 8	2 8	3 9	324 1	324 9	0 2	29 1	8 1	13
28 4	86 4	8904 6	325 0	-36 3	-40 4	226 3	8 1	5 8	5 6	326 7	327 9	0 3	65 8	8 7	15
30 2	90 4	9455 8	300 0	-39 8	99 9	239 2	7 7	6 6	3 9	329 2	999 9	99 9	999 9	9 4	19
32 3	94 7	10044 2	275 0	-44 9	99 9	244 6	6 2	5 6	2 6	330 2	999 9	99 9	999 9	10 1	22
34 4	99 0	10673.8	250 0	-50 4	99 9	257 0	5 5	5 4	1 2	331 2	999 9	99 9	999 9	10 5	25
36 7	103 6	11354 0	225.0	-55 1	99 9	251 4	12 0	11 4	3 8	334 1	999 9	99 9	999 9	11 2	29
39 1	108 5	12087 4	200 0	-59 8	99 9	248 5	13 8	12 8	5 0	338 5	999 9	99 9	999 9	13 0	34
42 0	113 8	12929 0	175 0	-60 8	99 9	264 6	13 5	13 4	1 3	345 6	999 9	99 9	999 9	14 7	4
44 9	119 7	13881 2	150 0	-62 1	99 9	266 4	13 2	13 2	0 8	363 1	999 9	99 9	999 9	16 5	46
48 4	126 2	15006 5	125 0	-64 0	99 9	269 4	11 6	11 6	0 1	379 1	999 9	99 9	999 9	18 4	52
52 5	133 7	16371 2	100 0	-65 7	99 9	281 3	9 3	9 2	-1 8	400 8	999 9	99 9	999 9	20 7	57
57 8	142 3	18120 1	75.0	-66 6	99 9	999 9	99 9	99 9	99 9	433 4	999 9	99 9	999 9	21 9	61
99 9	99 9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

OF POOR QUALITY

STATION NO 270
EL PASO, TEXAS

1 MAY 1982
1100 GMT

146 19 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.0	1193.0	885.6	11.0	7.9	30.0	2.8	-1.3	-2.3	294.2	314.4	7.6	81.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	[illegible]	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	[illegible]	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	20.2	1293.9	875.0	11.4	7.8	39.5	99.9	53.9	99.9	295.7	316.1	7.6	78.3	999.9	999
1.2	22.9	1536.5	850.0	10.8	7.2	[illegible]	99.9	99.9	7.9	297.3	317.6	7.5	79.0	999.9	999
2.0	25.7	1785.1	825.0	9.0	6.5	[illegible]	99.9	99.9	5.9	298.1	318.2	7.4	84.2	0.9	250
2.8	28.4	2040.2	800.0	8.5	5.2	[illegible]	[illegible]	-10.3	2.6	300.2	319.4	7.0	79.9	1.4	257
3.6	31.2	2302.3	775.0	8.0	5.2	[illegible]	11.1	-9.8	5.2	300.9	320.7	7.2	91.0	1.9	267
4.5	34.0	2570.9	750.0	4.5	3.9	[illegible]	9.8	-8.6	4.3	301.5	320.2	6.8	95.6	2.3	275
5.5	36.9	2846.9	725.0	2.6	2.0	106.[illegible]	7.5	-7.2	2.1	302.3	319.4	6.1	95.6	2.8	278
6.5	39.8	3130.4	700.0	0.6	-0.0	77.8	6.1	-6.0	-1.3	303.2	318.7	5.5	95.4	3.2	278
7.5	42.6	3422.5	675.0	0.5	-3.2	40.3	4.4	2.9	-3.4	306.2	319.1	4.5	76.4	3.5	274
8.6	45.6	3725.8	650.0	0.0	-6.0	5.8	2.4	-0.2	-2.4	309.0	320.2	3.8	63.9	3.6	271
9.7	48.8	4039.6	625.0	-1.1	-10.0	340.9	1.7	0.5	-1.6	311.2	319.9	2.9	50.7	3.5	269
10.8	51.8	4364.7	600.0	-2.3	-13.2	13.0	1.8	-0.4	-1.7	313.5	320.6	2.3	42.8	3.5	268
11.9	54.9	4701.2	575.0	-4.6	-14.3	25.5	2.3	-1.0	-2.0	314.6	321.5	2.2	46.6	3.6	266
13.1	58.1	5049.8	550.0	-7.0	-17.3	0.7	1.2	-0.0	-1.2	315.8	321.5	1.8	43.3	3.6	264
14.3	61.3	5411.1	525.0	-9.8	-23.9	334.3	1.3	0.5	-1.1	316.6	321.0	1.4	39.7	3.6	262
15.6	64.6	5785.3	500.0	-13.1	-22.8	349.7	1.3	0.2	1.3	317.1	321.1	1.2	44.1	3.6	261
17.2	69.0	6174.8	475.0	-14.4	-33.6	75.0	1.7	-1.6	-0.4	320.2	321.8	0.5	17.7	3.7	259
18.8	71.4	6583.0	450.0	-17.1	-35.7	134.9	2.6	-1.8	1.3	321.8	323.2	0.4	17.9	3.8	261
20.3	75.0	7009.0	425.0	-20.4	-38.3	192.2	2.6	0.5	2.5	322.9	324.0	0.3	18.2	3.9	265
21.9	78.7	7454.4	400.0	-24.4	-41.2	245.3	3.0	2.7	1.2	323.3	324.2	0.3	19.1	3.7	257
23.5	82.5	7921.5	375.0	-28.0	-39.3	286.6	2.9	2.8	-0.6	324.5	325.7	0.3	33.3	3.4	267
25.1	86.3	8412.8	350.0	-32.0	-46.1	288.8	4.4	4.1	-1.4	325.6	326.2	0.2	23.0	3.1	264
27.3	90.3	8930.9	325.0	-36.9	-47.1	290.3	4.7	4.4	-1.6	325.9	326.5	0.2	33.4	2.6	259
29.4	94.5	9478.8	300.0	-41.9	99.9	281.3	5.1	5.0	-1.0	326.4	999.9	99.9	999.9	2.1	251
31.5	98.7	10063.4	275.0	-46.9	99.9	277.3	8.5	8.4	-1.1	328.6	999.9	99.9	999.9	1.4	236
33.9	103.0	10690.8	250.0	-50.0	99.9	278.6	15.5	15.3	-2.3	331.7	999.9	99.9	999.9	1.1	158
36.8	107.6	11372.7	225.0	-54.8	99.9	276.5	21.1	21.0	-2.4	334.6	999.9	99.9	999.9	4.0	110
39.4	112.8	12117.7	200.0	-59.9	99.9	282.6	23.4	22.8	-5.1	337.9	999.9	99.9	999.9	7.6	105
42.5	118.2	12945.9	175.0	-61.0	99.9	286.8	21.3	20.4	-6.2	340.[illegible]	999.9	99.9	999.9	11.8	105
46.1	124.0	13906.1	150.0	-66.4	99.9	290.1	19.9	18.7	-6.9	346.0	999.9	99.9	999.9	16.1	106
50.5	130.2	15030.6	125.0	-64.1	99.9	286.1	18.3	17.6	-5.1	379.0	999.9	99.9	999.9	21.1	107
55.4	137.6	16386.7	100.0	-66.5	99.9	287.6	13.6	13.0	-4.1	399.2	999.9	99.9	999.9	26.1	106
61.4	144.7	18137.1	75.0	-65.2	99.9	288.9	6.6	6.2	-2.1	436.2	999.9	99.9	999.9	29.3	106
69.5	153.0	20622.9	50.0	-63.6	99.9	207.1	3.7	1.7	3.3	493.7	999.9	99.9	999.9	31.1	106
83.5	162.0	25035.5	25.0	-50.9	99.9	5.5	2.5	-0.2	-2.5	638.2	999.9	99.9	999.9	29.8	110

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 270
EL PASO, TEXAS

1 MAY 1982
1415 GMT

146 9

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	18.5	1193 0	888 3	13 8	8.4	0 0	2 6	-0 5	-2 6	297 0	318 2	7 9	70 0	0 0	0
99 9	99.9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 4	19 7	1301 1	875 0	12 2	7 1	44 9	4 3	-3 0	-3 0	296 5	316 1	7 3	70 9	0 0	[illegible]
1.1	22.1	1544 0	850 0	11 1	7 6	57 8	4 9	-4 2	-2 6	297 7	318 7	7 7	79 2	0 2	[illegible]
1.8	24.7	1792 8	825 0	9 2	7 1	83 6	6 0	-6 0	-0 7	298 3	319 2	7 7	86 8	0 4	233
2.7	27.3	2047 5	800 0	7 0	5 9	107 1	9.4	-9 0	2 8	298 7	318 6	7 3	92 5	0 7	255
3 8	29.9	2308 8	775 0	5 8	4 8	116 6	9 8	-8 8	4 4	300 1	319 3	7 0	93 3	1 2	[illegible]
4 5	32 6	2578.8	750 0	3 8	3 3	113.7	8 2	-7 5	3 3	300 7	318 7	6 5	96 0	[illegible] 7	279
5.4	35.3	2852 0	725 0	2 6	1 4	92.0	6 8	-6 8	0 2	302 3	318 7	5 9	91 7	2 1	[illegible]
6.5	38 1	3135 4	700 0	0 7	-1 0	72.8	5 6	-5 3	-1 6	303 2	317 7	5 1	88 8	2 5	[illegible]
7.6	40.9	3428 0	675 0	1 0	-5 6	42 6	2 0	-1 3	-1 4	308 8	317 8	3 8	61 [illegible]	2 7	275
8 7	43.7	3732.3	650 0	0 9	-8 1	13 0	2 8	-0 6	-2 8	310 0	319 7	3 2	51 0	2 7	272
9 9	46 6	4048 8	625 0	-0 2	-12 4	8 4	3 5	-0 5	-3 5	312 2	319 5	2 4	39 4	2 7	[illegible]
11 2	49.4	4373 0	600 0	-1 6	-14 4	16 3	2 3	-0 6	-2 2	314 3	320 8	2 1	36 9	2 8	262
12 4	52.4	4710 5	575 0	-4 0	-15 7	285 2	1 3	1 3	-0 3	315 4	321 5	2 0	39 4	2 8	261
13 7	55.4	5059 5	550 0	-6 9	-17 0	242 3	2 6	2 3	1 2	315 9	321 7	1 8	44 0	2 7	262
15 [illegible]	58.5	5420 4	525 0	-10 2	-19 3	190 5	2 3	0 4	2 3	315 2	321 3	1 6	46 9	2 5	264
16 4	61.6	5794 9	500 0	-12 3	-27 0	112 1	3.6	-3 3	1 4	318 0	320 8	0 8	28 1	2 6	268
17 8	64 8	6186.4	475 0	-13 6	-32 4	99 2	3 8	-3 8	0 6	321 2	323 0	0 5	18 6	2 9	269
19 3	68 0	6595 0	450 0	-16 4	-34 7	134 3	3 3	-2 4	2 3	322 8	324 2	0 4	18 7	3 2	[illegible]
20.8	71 4	702[illegible] 8	425 0	-20 1	-37 6	175 5	2 9	-0 2	2 9	323 2	324 5	0 3	19 1	3 3	[illegible]
22.4	74.9	74[illegible]8 1	400 0	-23 2	-39.3	232 3	1 6	1 2	1 0	324 8	326 0	0 3	21 1	3 3	279
24 2	78.6	7937 3	375 0	-26 9	-43 2	266 6	3 4	3 4	0 2	326 1	326 9	0 2	19 4	3 1	280
26 0	82.3	8431.0	350 0	-31 0	-46.7	268.9	4 0	4 0	0 1	327 0	327 6	0 2	19 4	2 6	282
28 0	86.1	8951.5	325 0	-35 8	-49 7	256.9	4 2	4 1	0 8	327 4	327 9	0 1	22 0	2 3	284
30.0	90 [illegible]	9503 1	300 0	-39 8	99.9	254 0	7.6	7 3	2 1	329 3	999 9	99 9	999 9	1 7	[illegible]
32 1	94.[illegible]	10091 [illegible]	275.0	-44 6	99 9	268 0	12 3	12 3	0 4	330 6	999 9	99 9	999 9	1 1	342
34.2	98.7	10725.5	[illegible] 0 0	-47 8	99 9	285 4	18 4	17 7	-4 9	335 1	999 9	99 9	999 9	1 7	66
36.7	103 4	11412 9	225 0	-52 6	99 9	280 7	21 7	21 3	-4 0	336 3	999 9	99 9	999 9	4 7	92
39.4	108.3	12162 6	200 0	-58 5	99.9	279 2	19 5	19 2	-3 1	340 1	999 9	99 9	999 9	8 0	94
42.3	113 6	12994 2	175 0	-61 4	99.9	280 7	17 1	16 8	-3 2	348 5	999 9	99 9	999 9	11 1	96
45 5	119 2	13956 3	150 0	-61 0	99 9	280 4	18 5	18 2	-3 3	365 0	999 9	99 9	999 9	14 4	97
49 3	125 5	15083 9	125 0	-63 8	99.9	279 5	18 4	18 2	-3 1	379 4	999 9	99 9	999 9	18 8	98
53.9	132.5	16455 3	100 0	-63 2	99.9	287 1	10 5	10 0	-3 1	405 7	999 9	99 9	999 9	23 2	98
59 5	140.2	18216 9	75 0	-63 6	99.9	297 9	5 5	4 8	-2 6	439 6	999 9	99 9	999 9	25 2	99
67.3	148.7	20724.5	50 0	-57 6	99 9	333 4	4 3	1 9	-3 8	507 9	999 9	99 9	999 9	26 0	102
78.6	157 3	25164 8	25 0	-51 3	99 9	284 8	4 3	4 2	-1 1	637 5	999 9	99 9	999 9	25 0	104

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ORIGINAL PAGE IS
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STATION NO 270
EL PASO, TEXAS

1 MAY 1982
1715 GMT

147 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	18.3	1193.0	886.6	18 3	8 6	130 0	5.2	-4 0	3 3	301 7	323 5	7 9	53 0	0 0	0
99.9	99.9	99.9	1000.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	975.0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
99 9	99.9	99.9	950.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99.9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	900.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 4	19.6	1305.5	875.0	15 9	7 5	116 6	5 8	-5 2	2 6	300 3	320 7	7 5	57 3	0 2	317
1 7	22.1	1551 0	850.0	13.6	7 1	116 1	6 4	-5 7	2 8	300 4	320 9	7 5	64 8	0 6	303
2 8	24.7	1801.9	825 0	11 1	7 1	114 2	6 2	-5 7	2 6	300 4	321 5	7 7	76 5	1 1	300
4 1	27.4	2058 1	800 0	8 6	7 0	120 0	6 1	-5 3	3 0	300 3	321 9	7 9	89 7	1 5	295
5 2	30.0	2320.2	775.0	6 0	5 0	124 4	7 0	-5 8	4.0	300 9	320 5	7 1	89 6	1 9	300
6 3	32.7	2589.6	750 0	5.5	3 1	129 4	7 2	-5 6	4 6	302 5	320 3	6 4	84 4	2 4	301
7 4	35 3	2866.4	725.0	3 8	2 0	112 3	7 1	-6 6	2 7	303 7	320 9	6 1	87 9	2 9	302
8 4	38.1	3151.1	700 0	1 8	0 1	101 9	5 3	-5 2	1 1	304 5	320 2	5 5	88 8	3 2	300
9	40 8	3444.1	675.0	-0 0	-1 1	134 4	3 1	-2 2	2.2	305 6	320 6	5 2	92 3	3 5	299
10 6	43 6	3746.5	650 0	0 4	-5 3	59 0	2 0	-1 7	-1 0	309 4	321 1	4 0	65 9	3 6	300
11 9	46.4	4061.2	625 0	-0 6	-8 4	2 6	4 1	-0 2	-4 0	311 8	321 6	3 3	55 6	3 5	296
13 0	49 3	4386.4	600.0	-2 4	-12 2	12 9	2 6	-0 6	-2 5	313 4	321 1	2 5	46 5	3 4	292
14 4	52 3	4723.6	575.0	-4 0	-14 8	85 4	1 6	-1 6	-0 1	315 3	321 9	2 1	42 7	3 5	290
15 7	55.3	5072.7	550.0	-6 7	-14 7	120 7	2 1	-1 8	1 1	316 1	323 1	2 2	53.0	3 6	290
17 1	58 3	5434.8	525 0	-8 9	-20 1	132 7	3 6	-2 6	2 4	317 7	322 5	1 5	39 9	3 8	291
18 6	61 5	5810.5	500 0	-11 2	-25 7	151 4	4 8	-2 3	4 3	319 4	322 6	0 9	28 8	4 2	294
19 9	64 6	6202.7	475 0	-13 3	-30 0	158 6	4 3	-1 7	3 9	321 5	323 8	0 7	23 0	4 5	297
21 3	67 9	6612 0	450.0	-16 1	-32 6	162 3	4 4	-1 3	4 2	323 0	324 9	0 5	22 4	4 7	300
23 0	71 3	7039.8	425.0	-19 5	-34 6	179 0	3.6	-0 1	3 6	324 0	325 6	0 5	24 8	5 0	304
24 6	74.6	7487 5	400.0	-22 8	-37 5	201 7	3 6	1 3	3 3	325 4	326 8	0 4	24 6	5 2	307
26 4	78 1	7957.2	375 0	-26 9	-41 0	226 6	3 4	2 5	2 4	326 0	327 0	0 3	24 8	5 .	311
28 0	81.8	8451 2	350.0	-31 0	-44 2	230 5	4.8	3 7	3 1	326 9	327 7	0 2	25 6	5 1	315
29 9	85.6	8972.0	325 0	-35 6	-47 7	227 5	5 1	3 8	3 5	327 6	328 2	0 2	27 2	5 1	322
31 9	89 5	9524.1	300 0	-39 7	99 9	247 3	9 3	8 6	3 6	329 5	999 9	99 9	999 9	5 1	330
33 9	93.7	10115.4	275.0	-42.9	99 9	261 9	14 4	14 3	2 0	333 1	999 9	99 9	999 9	4 9	348
36 1	97 8	10751.2	250.0	-48 1	99 9	271 5	17 0	17 0	-0 5	334 6	999 9	99 9	999 9	4 9	11
38 4	102.4	11438 9	225.0	-52 9	99 9	268 7	21 1	21 1	0 5	337 4	999 9	99 9	999 9	6 0	37
40 8	107 4	12187.5	200 0	-58.6	99 9	287 5	17 3	17 3	0 8	340 0	999 9	99 9	999 9	8 3	53
43 5	112 6	13020 9	175 0	-60 9	99 9	267 6	15 3	15 3	0 6	349 5	999 9	99 9	999 9	10 4	61
46 5	118 2	13981 7	150 0	-60 1	99 9	270 3	15.7	15 7	-0 1	366 5	999 9	99 9	999 9	12 9	67
50 2	124 7	15114 4	125.0	-62.6	99 9	267 6	17 2	17 2	0 7	381 7	999 9	99 9	999 9	16 5	71
54 4	131.7	16489.3	100.0	-63.7	99 9	278 3	10 3	10 2	-1 5	404 7	999 9	99 9	999 9	20 0	75
59 9	140.0	18246.7	75.0	-65 4	99 9	328 0	5 0	2 7	-4 3	435 8	999 9	99 9	999 9	21 4	78
66 8	149 0	20761.1	50.0	-58.1	99 9	185 8	3 0	0 3	3 0	506 6	999 9	99 9	999 9	21 3	80
76 5	159 0	25201 7	25.0	-51 0	99 9	999 9	99 9	99 9	99 9	638 0	999 9	99 9	999 9	19 8	80

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107 142 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.7	1193.0	884.6	21.2	7.1	130.0	6.2	-4.7	4.0	304.9	324.9	7.2	40.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	20.7	1287.1	875.0	19.1	5.6	106.9	6.2	-5.9	1.8	303.6	322.2	6.6	41.9	0.2	305
1.2	23.4	1535.0	850.0	16.2	5.7	112.9	7.8	-7.2	3.1	303.1	322.1	6.8	49.9	0.5	297
2.0	26.1	1788.0	825.0	13.8	5.6	112.9	8.0	-7.4	3.1	303.2	322.5	6.9	57.7	0.9	295
2.8	28.8	2045.6	800.0	11.2	5.2	116.9	7.0	-6.3	3.2	303.1	322.5	7.0	66.7	1.3	295
3.7	31.6	2310.7	775.0	8.2	4.3	119.7	6.9	-6.0	3.4	302.6	321.3	6.7	76.2	1.6	296
4.5	34.3	2580.8	750.0	5.8	4.2	115.2	6.3	-5.7	2.7	302.9	322.1	6.9	89.1	2.0	296
5.4	37.1	2858.0	725.0	4.2	3.1	116.4	5.5	-4.9	2.4	304.1	322.7	6.6	92.1	2.3	295
6.5	40.0	3142.9	700.0	2.2	1.6	105.7	5.6	-5.4	1.5	304.9	322.3	6.1	95.5	2.6	296
7.7	42.9	3436.7	675.0	0.8	-0.2	100.5	4.1	-4.0	0.7	306.6	322.6	5.6	93.1	3.0	294
9.1	45.8	3739.4	650.0	-1.4	-1.6	83.4	3.9	-3.8	-0.4	307.4	322.5	5.3	98.4	3.3	292
10.2	48.8	4051.6	625.0	-2.6	-10.6	47.9	1.5	-1.1	-1.0	309.5	318.0	2.8	56.0	3.4	290
11.3	51.8	4375.4	600.0	-3.4	-17.0	304.5	0.6	0.5	-0.3	312.2	317.4	1.7	34.1	3.4	290
12.7	54.8	4711.1	575.0	-5.0	-18.3	202.8	1.9	0.7	1.7	314.2	319.2	1.6	34.2	3.4	291
13.9	57.9	5058.9	550.0	-7.8	-20.4	205.7	3.8	1.6	3.4	315.0	319.4	1.4	35.0	3.4	294
15.3	61.0	5419.0	525.0	-10.5	-23.1	189.1	5.3	0.8	5.2	315.8	319.5	1.1	34.7	3.4	300
16.7	64.3	5792.7	500.0	-13.4	-29.9	181.7	5.7	0.2	5.7	318.7	318.9	0.6	23.3	3.7	307
18.1	67.6	6181.6	475.0	-15.4	-33.4	200.0	4.6	1.6	4.3	319.0	320.6	0.5	19.5	3.9	312
19.6	71.0	6588.9	450.0	-17.0	-34.8	198.5	4.6	1.5	4.3	321.9	323.5	0.4	19.4	4.0	318
21.1	74.4	7015.7	425.0	-20.0	-37.6	189.1	4.7	0.7	4.6	323.4	324.7	0.3	19.0	4.3	322
22.6	78.0	7462.6	400.0	-22.9	-40.2	180.5	3.8	0.0	3.6	325.2	326.3	0.3	18.6	4.6	326
24.0	81.6	7932.7	375.0	-26.5	-42.6	182.9	3.4	0.2	3.4	326.5	327.4	0.2	20.2	4.9	327
25.9	85.4	8427.6	350.0	-30.4	-45.8	214.2	6.2	3.5	5.1	327.8	328.4	0.2	20.4	5.1	[illegible]
27.7	89.3	8950.0	325.0	-34.7	-49.4	234.9	9.0	7.4	5.2	328.9	329.4	0.1	20.5	5.5	341
29.6	93.5	9505.4	300.0	-37.5	-50.4	248.9	11.6	10.8	4.2	332.6	333.1	0.1	24.6	5.7	353
31.6	97.7	10101.5	275.0	-41.6	99.9	251.1	14.0	13.2	4.5	334.9	999.9	99.9	999.9	6.2	6
33.6	102.2	10740.7	250.0	-46.8	99.9	247.9	16.2	15.0	6.1	336.5	999.9	99.9	999.9	7.3	21
35.9	106.8	11429.8	225.0	-53.1	99.9	241.4	16.0	14.1	7.7	337.2	999.9	99.9	999.9	8.9	30
38.3	112.0	12177.5	200.0	-59.6	99.9	247.9	17.4	16.1	6.5	336.4	999.9	99.9	999.9	10.8	36
41.1	117.2	13010.4	175.0	-60.8	99.9	256.8	17.5	17.0	4.0	349.6	999.9	99.9	999.9	13.6	45
44.2	123.0	13975.6	150.0	-58.6	99.9	999.9	99.9	99.9	99.9	369.2	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 270
EL PASO, TEXAS

1 MAY 1982
2300 GMT

149 6 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTC GM/KG	RH PCT	RANGE KM	AZ DG
0 0	19 4	1193 0	883.0	22 2	6 8	120 0	6 2	-5 4	3 1	306 1	326 0	7 1	37 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	39 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	950.0	99.9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	900.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	20 2	1271 8	875 0	20 0	5 8	121 2	9 0	-7 7	4 7	304 6	323 2	6 6	39 4	0 3	306
1 5	22 9	1520 6	850 0	17 8	5 9	118 5	9 0	-7 9	4 3	304 8	324 1	6 9	45 7	0 7	302
2 6	25 6	1775 0	825.0	15.2	5 7	124 1	8 2	-6 8	4 6	304 7	324 3	7 0	52 7	1 4	301
3 8	28 3	2034 9	800 0	12 8	5 0	127 7	7 6	-6 0	4 6	304 8	324 1	6 9	59 1	1 9	303
5 0	31 0	2300 6	775 0	10 2	4 9	120 9	5 8	-4 8	2 9	304 8	324 4	7 0	68 9	2 4	303
6 2	33 8	2572 8	750 0	7 7	4 2	116 7	5 7	-5 0	2 5	305 0	324 4	6 9	78 5	2 8	303
7 3	36 6	2851.8	725.0	5 6	3 5	112 4	6 7	-6 2	2 5	305 6	324 8	6 8	86 1	3 2	301
8 4	39 3	3138.5	700 0	3 8	1 2	106 3	5 1	-4 9	1 4	306 7	323 7	6 0	83 4	3 6	300
9 7	42 2	3433 6	675 0	1 9	-0 4	102 2	3 9	-3 8	0 8	307 8	323 7	5 5	85 0	3 9	299
10 6	45 1	3737 0	650 0	-1 0	-2 0	118 4	1 9	-1 6	0 9	307 9	322 7	5 1	92 9	4 1	298
11 8	48 1	4050 1	625 0	-0 4	-12 7	241 8	1 7	1 5	0 8	312 0	319 1	2 3	38 6	4 1	298
13 0	51 0	4377 4	600 0	-0 4	-12 4	248 2	2 3	2 1	0 9	315 7	323 3	2 5	39 8	4 0	300
14 2	54 1	4716 7	575 0	-2 6	-14 5	218 5	2 4	1 5	1 9	317 0	323 8	2 2	39 3	3 9	302
15 3	57 1	5067.5	550 0	-5 8	-15 6	219 2	3 1	1 9	2 4	317 2	323 8	2 1	45 6	3 9	305
16 5	60 4	5430.3	525 0	-8 6	-18 2	208 1	4 7	2 2	4 1	318 0	323 6	1 7	45 9	3 9	309
17 8	63 5	5806 7	500 0	-11 5	-20 9	201 3	5 9	2 1	5 5	319 1	323 8	1 4	45 3	4 0	315
19 1	66 9	6197.9	475.0	-14 1	-28 7	190 2	6 0	1 1	5 9	320 5	323 1	0 7	27 8	4 3	320
20 6	70 3	6607 3	450.0	-15 9	-31 3	191 3	5 6	1 1	5 5	323 3	325 4	0 6	25 1	4 6	325
22 1	73 6	7035 6	425.0	-18 9	-33 2	179 1	5 9	-0 1	5 9	324 8	326 7	0 5	26 9	5 0	329
23 8	77 1	7484 2	400.0	-22 1	-36 2	183 2	6 4	0 4	6 3	326 3	327 8	0 4	26 2	5 6	332
25 4	80 9	7955.9	375 0	-25 5	-39 2	176 9	6 1	-0 3	6 1	327 9	329 1	0 3	26 3	6 1	335
27 1	84 6	8452 4	350.0	-29 7	-42 5	190 2	6 4	1 1	6 3	328 8	329 7	0 3	27 2	6 7	337
28 9	88 5	8978.5	325.0	-33 8	-45 5	219 5	7 7	4 9	5 9	330 1	330 9	0 2	29 3	7 2	341
30 8	92 5	9534 4	300.0	-36 5	-41 2	243 2	12 4	11 1	5 6	333 9	335 2	0 3	61 2	7 6	349
32 9	96 8	10132 3	275 0	-40 7	99.9	255 2	15 2	14 7	3 9	336 3	999 9	99 9	999 9	8 0	2
35 2	101 2	10773.6	250 0	-45.7	99 9	256 7	17 2	16 8	4 0	336 2	999 9	99 9	999 9	8 9	16
37 6	106 0	11466 2	225 0	-51 9	99 9	252 3	18 4	17 5	5 6	338 9	999 9	99 9	999 9	10 4	29
40 0	110 8	12219 4	200.0	-58 4	99 9	249 0	19 0	17 8	6 8	340 4	999 9	99 9	999 9	12 6	37
42 9	116 2	13053 3	175.0	-60 9	99.9	248 2	19 9	18 4	7 4	349 4	999 9	99 9	999 9	15 6	44
46 4	122 0	14010 1	150.0	-60.9	99 9	250 3	17 7	16 7	6 0	365 2	999 9	99 9	999 9	19 3	48
50 4	128 2	15149 9	125 0	-61 4	99.9	261 7	16 5	16 3	2 4	383 8	999 9	99 9	999 9	22 8	52
55 1	135 3	16523 4	100.0	-65.1	99.9	283 0	10 3	10 1	-2 3	402 1	999 9	99 9	999 9	26 0	58
60 8	142 7	18279 5	75 0	-64 1	99 9	246 6	3 7	3 4	1 5	438 6	999 9	99 9	999 9	27 3	61
69 0	151 3	20786.1	50.0	-61.1	99.9	326 2	3 3	1 9	-2 8	499 7	999 9	99 9	999 9	28 6	61
80 9	160 5	25203 2	25.0	-51 6	99.9	339 4	3 4	1 2	-3 2	636 4	999 9	99 9	999 9	26 1	62

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 270
EL PASO, TEXAS

2 MAY 1982
215 GMT

150 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	19.3	1193 0	882 5	17 8	7 2	100 0	6 2	-6 1	1 1	301 5	321 6	7 3	50 0	0 0	0
99.9	99.9	99 9	1000 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	925 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	20.1	1266 0	875 0	17 0	7 0	112 2	10 0	-9 3	3 8	301 4	321 4	7 2	51 9	0 3	280
1.1	22.7	1512 4	850 0	14 6	6 3	112 8	10.5	-9 6	4 1	301 4	320 9	7 1	57 5	0 6	287
2.0	25 2	1764 3	825 0	13 0	5 0	118 5	8 6	-7 6	4 1	302 4	320 9	6 7	58 2	1 2	290
3.0	27.9	2022 7	800 0	11 8	4.8	130 9	5 6	-4 2	3 6	303 7	322 6	6 8	62 1	1 6	294
3 9	30.5	2287 8	775 0	9 7	2.8	118 7	3 4	-3 0	1 7	304 2	321 4	6 1	62 3	1 8	296
4.8	33 2	2559 4	750 0	7 7	1 7	90 5	2 5	-2 5	0 0	304 9	321 3	5 8	65 8	1 9	296
5.7	36 0	2838 0	725 0	5 8	-0.8	95 5	3 7	-3 7	0 4	305 8	320 1	5 0	62 7	2 1	293
6.7	38.8	3124 4	700 0	3.5	-2 6	108 1	5 1	-4 8	1 6	306 4	319 5	4 5	64 2	2 3	292
7.8	41 6	3418 8	675 0	1 5	-2 4	112 9	3 4	-3 1	1 3	307 4	321 2	4 8	75 2	2 7	292
8.7	44.3	3723 0	650 0	1 9	-7.8	215 4	1 7	1 0	1 4	311 1	321 0	3 3	48 5	2 7	292
9.7	47 2	4038 7	625 0	0 1	-9 5	273 8	3 5	3 5	-0 2	312 6	321 6	3 0	49 3	2 6	294
10 8	50 1	4364 4	600 0	-2 5	-11 1	295 3	2 1	1 9	-0 9	313 2	321 5	2 7	51 4	2 4	296
12 1	53.0	4701 2	575 0	-4 2	-15 1	287 5	1 6	1 5	-0 5	315 1	321 6	2 1	42 2	2 3	295
13 4	56.0	5050 0	550 0	-6 6	-17 0	143 0	3.4	-2 1	2 7	316 3	322 1	1 8	43 3	2 5	295
14 7	59.1	5411 6	525 0	-9 5	-18 9	175 4	5 4	-0 4	5 4	317 0	322 2	1 6	46 1	2 8	301
16 0	62 3	5786 4	500 0	-12.5	-26.5	183 7	6 1	0 4	6 1	317 8	320 8	0 9	30 7	3 0	308
17.3	65.4	6177.5	475 0	-13 8	-32 3	199 6	6 3	2 1	5 9	320 9	322 8	0 5	19 1	3 3	316
18.7	68 8	6585.8	450 0	-17.0	-34 7	192 6	5 6	1 2	5 4	321 9	323 4	0 4	19 8	3 5	324
20 0	72.1	7012 1	425 0	-20 2	-37.3	176 3	6 2	-0 4	6 1	323 1	324 3	0 4	19 9	3 9	328
21.6	75.6	7458 5	400 0	-23 4	-39.1	183 0	6 2	0 3	6 2	324 5	325 7	0 3	22 1	4 4	332
23.4	79 1	7927.2	375.0	-27.2	-40 5	182 1	6 5	0 2	6 5	325 7	326 7	0 3	27 3	5 0	336
24.9	82 7	8420 7	350.0	-30 7	-34 6	217 5	7.7	4 7	6 1	327 4	329 4	0 6	68 5	5 5	339
26 7	86.5	8943 2	325.0	-34 7	-37 1	234 9	11.1	9 1	6 4	328 9	330 7	0 5	78 0	5 8	349
28 7	90 5	9497 8	300 0	-38.8	-41 2	250 9	12 2	11 5	4 0	330 7	331 9	0 3	77 9	6 4	2
31 2	94.7	10089 3	275 0	-43 4	99.9	246.5	11 9	10 9	4 8	332 4	999 9	99 9	999 9	7 2	15
33 7	99 0	10723 5	250 0	-48 8	99 9	238 5	12 3	10 5	6 4	333 6	999 9	99 9	999 9	8 5	24
36.1	103.6	11406 8	225 0	-55 1	99 9	236 7	11 6	9 7	6 4	334 1	999 9	99 9	999 9	10 1	30
38.7	108.4	12149 3	200 0	-60 4	99 9	230 9	10 9	8 5	6 9	337 1	999 9	99 9	999 9	11 6	33
41.6	113.7	12975 5	175 0	-62 1	99 9	236 2	14 4	11 9	8 0	347 5	999 9	99 9	999 9	13 8	36
45.1	119.5	13933.8	150 0	-60 1	99 9	243 6	14 4	12 9	6 4	366 6	999 9	99 9	999 9	16 5	40
49.3	126.0	15065 5	125.0	-63 4	99 9	260 9	11 1	11 0	1 8	380 1	999 9	99 9	999 9	19 6	45
53.9	132 7	16426 7	100 0	-64 7	99 9	257.2	7 6	7 4	1 7	402 7	999 9	99 9	999 9	21 6	49
60.1	141.3	18175.1	75.0	-65 8	99.9	277 8	4 0	4 0	-0 5	435 0	999 9	99 9	999 9	23 4	52
68.6	151.0	20654 8	50.0	-61 6	99.9	39 2	5 4	-3 4	-4 1	498 4	999 9	99 9	999 9	22 9	54
82 9	161.5	25036 0	25 0	-54 5	99 9	309 3	5 8	4 5	-3 7	628 3	999 9	99 9	999 9	19 1	49

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTEPPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 270
EL PASO, T AS

2 MAY 1982
515 GMT

153 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.9	1193.0	884.0	15 0	8 9	90 0	5.2	-5 2	0 0	298 5	320 6	8 2	67 0	0 0	0
99 9	99.9	99.9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.3	99.9	99.9	950.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	900.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 3	20 8	1279.6	875.0	13 9	7 7	102 6	11 9	-11 6	2 6	298 3	318 9	7 6	66 1	0 2	276
1 2	23 6	1524 2	850 0	13 1	7 1	115 1	10 5	-9 5	4 4	299 9	320 3	7 5	67 0	0 7	283
2 0	26 3	1775 1	825 0	11 9	6 3	133 6	8 [illegible]	-6 1	5 8	301 2	321 3	7 3	68 4	1 1	293
2 7	29 1	2032 1	800 0	9 6	6 5	138 7	7 2	-4 7	5 4	301 4	322 4	7 7	81 3	1 4	299
3 6	32 0	2295 4	775 0	7 9	5 9	137 2	4 4	-3 0	3 2	302 3	323 1	7 5	87 2	1 7	302
4 4	34 9	2565 8	750 0	6 8	2 5	117 8	4 0	-3 6	1 9	303 9	321 3	5 2	74 6	1 9	303
5 4	37 7	2844.4	725 0	5 5	-0 4	131 1	4 3	-3 2	2 8	305 5	320 2	5 1	65 5	2 1	303
6 3	40 6	3130 5	700 0	3 3	-1 8	148 4	3 9	-2 6	3 3	306 2	320 0	4 8	69 1	2 4	304
7 3	43 6	3425.0	675 0	1 6	-2 0	198 8	2 6	0 8	2 4	307 4	321 6	4 9	77 2	2 5	307
8 4	46 6	3729.3	650.0	1 9	-7 5	250 2	1 3	1 6	0 6	311 1	321 2	3 4	49 6	2 5	309
9 4	49 6	4044.9	625 0	-0 0	-9 0	245 6	1 9	1 8	0 8	312 5	321 9	3 1	50 8	2 4	312
10 5	52.7	4370.8	600 0	-2 0	-11 6	211 1	2 2	1 1	1 9	313 8	321 9	2 6	47 9	2 4	315
11 6	55 9	4707 4	575 0	-4 8	-23 8	180 1	3 6	0 0	3 0	314 4	317 7	1 0	22 1	2 5	318
12 8	59 0	5055 5	550 0	-7 2	-15 7	178 7	4 5	-0 1	4 5	315 6	322 0	2 0	50 3	2 7	321
14 0	62 3	5415 2	525 0	-10 3	-19 3	192 3	5 7	1 2	5 6	316 0	321 1	1 6	47 4	3 0	326
15 3	65 0	5790 0	500.0	-13 3	-23 0	197 7	6 6	2 0	6 3	316 8	320 7	1 2	43 8	3 3	333
16 7	69 0	6178 8	475 0	-15 5	-29 3	204 5	7 4	3 1	6 7	318 9	321 2	0 7	29 2	3 7	339
18 1	72 4	6585.6	450 0	-17 7	-28 5	199 8	7 0	2 4	6 6	320 9	323 7	0 8	38 4	4 2	346
19 6	76 0	7010 5	425 0	-21 0	-31 4	173 0	6 0	-0 7	5 9	322 0	324 3	0 6	38 6	4 7	348
21 2	79.7	7455 1	400.0	-25 0	-33 4	174 7	7 1	-0 7	7 0	322 5	324 5	0 6	45 2	5 3	348
22.8	83 4	7922.4	375.0	-27 6	-30 6	216 2	8 2	4 8	6 6	325 1	327 8	0 8	75 4	5 9	351
24 4	87 3	8414 4	350 0	-31 9	-32 9	229 9	10 1	7 8	6 5	325 7	328 1	0 7	91 4	6 4	358
26 5	91 2	8934.2	325 0	-35 1	-39 7	224 2	12 5	8 7	9 0	328 3	329 6	0 4	63 1	7 5	7
28 8	95 4	9487.4	300 0	-39 6	99 9	223 5	10 8	7 5	7 9	329 5	999 9	99 9	999 9	8 8	13
31 1	99.8	10075.5	275 0	45 0	99 9	211 9	7 [illegible]	3 7	6 0	330 1	999 9	99 9	999 9	10 0	17
33.5	104 3	10705 8	250 0	-50 1	99 9	192 1	5 8	1 2	5 6	331 6	999 9	99 9	999 9	10 8	17
35.9	109 2	11385 6	225 0	-55 9	99 9	191 9	10 1	2 1	9 9	332 8	999 9	99 9	999 9	11 9	16
38 8	114 2	12128 6	200 0	-59 8	99 9	209 7	13 3	6 6	11 5	338 0	999 9	99 9	999 9	[illegible]	17
42 1	119 8	12956.3	175 0	-62 1	99 9	227 1	15 1	11 1	10 3	347 5	999 9	99 9	999 9	[illegible]	21
45 5	125 7	13916.9	150 0	-51 5	99 9	240 9	14 6	12 8	7 [illegible]	364 1	999 [illegible]	99 9	999 9	1 3	25
49 3	132 2	15046 9	125 0	-63 4	99 9	250 1	8 7	8 1	2 9	380 2	999 9	99 9	999 9	21 3	31
54 2	139 7	16411 4	100.0	-65.0	99 9	246 1	7 1	6 4	2 9	402 2	999 9	99 9	999 9	23 3	33
59 8	147 7	18155.1	75 0	-66 5	99 9	300 9	4 2	3 6	-2 2	433 5	999 9	99 9	999 9	24 6	36
88 3	157 0	20634 7	50 0	-61 2	99 9	81 7	5 3	-5 3	-0 8	499 2	999 9	99 9	999 9	23 4	36
83 1	166 5	25016 2	25 0	-53 9	99 9	999 9	99 9	99 9	99 9	629 9	999 9	99 9	999 9	21 [illegible]	29

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 270
EL PASO, TEXAS

2 MAY 1982
1100 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 T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.2	1193.0	883.9	13.9	8.5	100.0	1.0	-1.0	0.2	297.4	318.8	7.9	70.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	20.1	1278.5	875.0	13.7	8.9	109.2	6.4	-6.0	2.1	298.0	320.2	8.2	73.1	0.0	2[illegible]
1.2	22.8	1522.7	850.0	12.3	9.7	114.5	6.6	-6.0	2.7	299.0	323.2	8.9	84.2	0.3	289
2.1	25.4	1772.9	825.0	10.6	9.1	132.3	6.3	-4.7	4.2	299.9	323.9	8.9	90.2	0.5	296
3.0	28.1	2029.2	800.0	9.3	8.7	143.6	6.1	-3.6	4.9	301.0	325.2	8.9	96.0	1.0	305
4.1	30.9	2293.1	775.0	8.6	7.8	160.8	5.2	-1.7	4.9	303.0	326.7	8.6	94.7	1.3	310
5.1	33.8	2564.4	750.0	7.0	6.7	187.4	5.3	0.7	5.2	304.2	327.0	8.3	98.0	1.5	320
6.2	36.3	2843.1	725.0	5.3	5.0	200.5	3.5	1.2	3.3	305.2	326.4	7.6	98.2	1.7	328
7.3	39.1	3129.6	700.0	3.3	2.4	207.6	2.2	1.0	2.0	306.1	324.6	6.5	94.1	1.9	333
8.6	42.0	3424.1	675.0	1.7	-1.3	207.1	1.1	0.5	1.0	307.5	322.5	5.2	80.7	1.9	335
9.8	44.9	3727.7	650.0	-0.5	-2.4	252.2	3.2	3.0	1.0	308.4	322.8	4.9	86.9	1.9	338
10.9	47.9	4041.2	625.0	-1.5	-6.6	236.9	4.8	4.0	2.6	310.8	321.9	3.7	67.9	1.9	348
12.2	50.8	4365.8	600.0	-3.2	-9.1	246.6	4.5	4.2	1.8	312.4	322.1	3.2	63.4	2.1	357
13.4	53.9	4701.6	575.0	-5.3	-11.0	257.7	3.9	3.8	0.8	313.8	322.6	2.9	63.8	2.2	5
14.8	56.9	5049.0	550.0	-8.1	-13.6	209.9	3.3	1.6	2.8	314.5	322.1	2.4	64.4	2.3	11
16.3	60.0	5409.3	525.0	-10.1	-15.8	197.2	4.9	1.5	4.7	316.3	323.0	2.1	62.7	2.7	11
17.8	63.3	5784.6	500.0	-12.1	-28.8	214.5	5.7	3.2	4.7	318.3	320.7	0.7	23.9	3.2	13
19.4	66.5	6174.7	475.0	-15.3	-26.7	221.5	6.4	4.3	4.8	319.0	322.0	0.9	37.8	3.[illegible]	[illegible]
20.8	69.9	6580.4	450.0	-18.7	-23.6	225.6	6.5	4.6	4.5	319.8	323.9	1.3	65.3	4.2	2[illegible]
22.5	73.3	7004.9	425.0	-21.3	-25.3	210.0	5.8	2.9	5.0	321.8	325.6	1.1	69.9	4.[illegible]	23
24.1	76.7	7449.[illegible]	400.0	-24.6	-27.4	197.5	7.4	2.2	7.1	323.1	326.5	1.0	77.3	5.4	23
26.1	80.3	7916.[illegible]	375.0	-27.9	-31.1	180.5	8.2	0.1	8.2	324.6	327.2	0.7	73.9	6.3	21
28.2	84.0	8408.[illegible]	350.0	-31.3	-37.4	187.1	11.3	1.4	11.2	326.5	328.0	0.4	54.9	7.4	18
30.2	87.8	8928.5	325.0	-36.2	-40.0	197.5	14.1	4.2	13.5	326.8	328.1	0.4	67.8	9.0	[illegible]
32.3	91.8	9478.9	300.0	-40.4	99.9	206.9	14.7	6.6	13.1	328.5	999.9	99.9	999.9	10.8	18
34.7	96.2	10065.9	275.0	-45.5	99.9	208.3	14.9	7.1	13.1	329.3	999.9	99.9	999.9	12.8	19
37.1	100.5	10694.5	250.0	-50.6	99.9	216.5	14.5	8.6	11.7	330.8	999.9	99.9	999.9	15.0	21
39.8	105.0	11372.9	225.0	-55.7	99.9	223.1	12.3	8.4	9.0	333.1	999.9	99.9	999.9	17.2	24
42.8	110.0	12116.4	200.0	-59.3	99.9	216.9	10.2	6.1	8.1	338.8	999.9	99.9	999.9	18.8	25
46.1	115.4	12948.4	175.0	-60.4	99.9	226.0	15.6	11.2	10.8	350.3	999.9	99.9	999.9	21.2	27
50.2	121.2	13916.5	150.0	-58.5	99.9	242.4	12.9	11.4	6.0	369.2	999.9	99.9	999.9	24.6	31
54.8	127.5	15055.9	125.0	-61.3	99.9	228.8	9.1	6.9	6.0	384.0	999.9	99.9	999.9	26.9	34
60.2	134.7	16427.3	100.0	-65.0	99.9	242.8	7.8	6.9	3.6	402.2	999.9	99.9	999.9	29.8	36
67.0	143.0	18181.9	75.0	-64.0	99.9	235.8	2.6	2.2	1.5	438.8	999.9	99.9	999.9	31.2	38
75.8	152.0	20691.5	50.0	-59.0	99.9	108.1	3.8	-3.6	1.2	504.5	999.9	99.9	999.9	31.5	37
89.9	162.0	25111.8	25.0	-49.9	99.9	132.1	2.4	-1.8	1.6	641.3	999.9	99.9	999.9	29.0	34

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 274
TUCSON, ARIZONA

1 MAY 1982
1111 GMT

147 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	12 3	787 0	923 5	20 6	4 6	70 0	2 6	-2 4	-0 9	300 5	316 6	5 8	35 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	14 3	1010 7	900 0	21 6	7 3	999 9	99 9	99 9	99 9	303 7	323 6	7 1	39 7	999 9	999
1 7	16 4	1254.2	875 0	19 8	7 3	999 9	99 9	99 9	99 9	304 1	324 6	7 4	44 8	999 9	999
2 5	18 6	1502 8	850 0	17 3	6 8	93 2	6 1	-6 1	0 3	304 3	324 7	7 3	50 1	0 8	276
3 3	20 8	1756 8	825 0	14 9	6 2	98 8	6 6	-6 5	1 0	304 3	324 5	7 2	56 0	1 1	274
4 2	23 0	2018.4	800 0	12 7	5 7	99 9	6 3	-6 2	1 1	304 7	324 9	7 2	62 3	1 5	277
5 1	25 4	2282 9	775.0	11 6	4 6	108 3	5 9	-5 6	1 8	306 3	325 8	6 9	62 2	1 8	277
6 1	27 6	2556.9	750.0	10 1	2 9	112 1	5.9	-5 4	2 2	307 6	325 5	6 3	60 7	2 1	280
7 1	30 0	2837.8	725 0	7 7	1 6	100 9	4 7	-4 7	0 9	307 9	325 0	6 0	65 4	2 5	281
8 1	32 5	3126 3	700 0	5 1	-0 6	103 7	2 7	-2 6	0 6	308 1	323 3	5 3	66 7	2 7	281
9 2	35 0	3422.5	675 0	2 9	-0 2	116 0	3 6	-3 2	1 6	308 9	325 1	5 6	80 2	2 9	281
10 2	37 5	3727 6	650 0	0 6	-1 0	136 8	4 0	-2 7	2 9	309 7	325 6	5 5	85 3	3 1	283
11 2	40 1	4041.5	625 0	-1 7	-2 6	145 2	4 7	-2 7	3 9	310 5	325 3	5 1	93 6	3 3	286
12 4	42 8	4365 8	600.0	-3 9	-4 7	157 0	5 6	-2 2	5 2	311 6	325 0	4 5	94 4	3 6	290
13 7	45 6	4700 8	575 0	-6 3	-7 1	165 6	6.4	-1 6	6 2	312 6	324 3	3 9	94 5	3 9	296
15 0	48 4	5047.0	550.0	-9 2	-10 2	165 7	5 7	-1 4	5 6	313 2	322 9	3 2	91 8	4 2	301
16 4	51 4	5405 8	525 0	-11 7	-14 9	174 7	3 7	-0 3	3 7	314 4	321 6	2 3	77 0	4 5	305
17 8	54 4	5779 6	500 0	-11 1	-32 4	192 7	3 0	0 7	2 9	319 5	321 2	0 5	15 3	4 6	307
19 3	57 6	6171 7	475 0	-13 7	-34 3	179 4	3 1	-0 0	3 1	321 0	322 5	0 4	15 6	4 7	310
20 7	60 9	6580 0	450.0	-17 3	-35 2	192 4	3 4	0 7	3 4	321 5	323 1	0 5	20 5	4 9	313
22 2	64 1	7005.5	425.0	-20 8	-39 8	202 1	4 5	1 7	4 1	322 3	323 3	0 3	16 3	5 0	316
23 8	67 7	7450.6	400 0	-24 3	-42 7	194 4	6 1	1 5	5 9	323 5	324 3	0 2	16 2	5 3	321
25 4	71 4	7917 9	375 0	-27 9	-45 3	201 0	7 4	2 7	6 9	324 7	325 4	0 2	17 0	5 7	327
27 3	75 3	8409 4	350.0	-31 8	-48 5	198 2	8 5	2 7	8 1	325 9	326 3	0 1	17 1	6 3	334
29 4	79 5	8928 7	325 0	-36 0	-52 0	203 5	8 6	3 4	7 9	327 0	327 4	0 1	17 3	7 1	340
31 5	83 8	9479.0	300 0	-40 5	99 9	216 1	9 9	5 9	8 0	328 3	999 9	99 9	999 9	7 9	346
33 7	88 2	10067.7	275 0	-44 0	99 9	249 0	11 8	11 0	4 2	331 0	999 9	99 9	999 9	8 6	354
36 1	93 0	10700 1	250 0	-49 4	99 9	257 2	15 3	14 9	3 4	332 6	999 9	99 9	999 9	8 9	7
38 4	98 0	11380.2	225 0	-55 5	99 9	254 8	18 6	18 0	4 9	333 5	999 9	99 9	999 9	10 2	19
41 1	103 5	12123.5	200 0	-60 3	99 9	258 3	17 3	16 9	3 5	337 3	999 9	99 9	999 9	12 0	31
43.9	109 3	12950.8	175 0	-62 2	99.9	260.1	15.6	15 3	2 7	347 3	999 9	99 9	999 9	13 9	40
47 1	115 5	13909.2	150 0	-60 7	99 9	261 6	15 6	15 5	2 3	365 5	999 9	99 9	999 9	16 4	47
50 6	122 0	15031 8	125.0	-64 8	99 9	259 9	13 5	13 3	2 4	377 7	999 9	99 9	999 9	18 8	52
55 1	129 2	16389.1	100.0	-66 2	99 9	285 4	7 9	7 6	-2 [illegible]	400 0	999 9	99 9	999 9	21 6	56
60 0	136 7	18130 0	75.0	-66 8	99 9	300 4	6 0	5 2	-3 1	433 0	999 9	99 9	999 9	22 9	59
67 9	144 7	20615 1	50.0	-60 0	99 9	277 9	3 1	3 1	-0 4	502 1	999 9	99 9	999 9	22 9	60
80 3	153.0	25010.2	25.0	-52 5	99 9	254 4	4 2	4 0	1 1	633 8	999 9	99 9	999 9	22 2	62

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

STATION NO 274
TUCSON, ARIZONA

1 MAY 1982
1405 GMT

151 20 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	12 7	787 0	924 2	21 1	8 4	80 0	2 6	-2 6	-0 5	301 0	321 6	7 5	44 0	0 0	0
99 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999.9	999
0 7	14 9	1016.8	900.0	20 2	7 5	999 9	99 9	99 9	99 9	302 4	322 4	7 2	43 6	999 9	999
1 5	17 2	1253 4	875 0	18 5	7 3	999 9	99 9	99 9	99 9	303 0	323 4	7 4	47 9	999 9	999
2 1	19 5	1507 4	850 0	16 6	6	111 1	12 4	-11 5	4 5	303 6	323 8	7 3	51 7	1 0	282
2 9	21 9	1761 1	825 0	15 4	6 1	118 2	11 1	-9 8	5 3	304 9	325 1	7 2	53 9	1 7	286
3 7	24 1	2021 3	800 0	13 5	5 7	125 2	7 9	-6 4	4 5	305 6	325 8	7 2	59 2	2 1	290
4 7	26 6	2288 3	775 0	12 2	4 5	120 1	5 9	-5 1	3 0	307 0	326 4	6 9	59 4	2 5	292
5 7	29 1	2563 0	750.0	11 4	2 8	128 0	5 2	-4 1	3 2	308 9	326 9	6 2	55 3	2 8	293
6 8	31 6	2845 5	725 0	9 2	1 0	131 9	4 4	-3 3	2 9	309 5	326 0	5 7	56 7	3 1	295
7 9	34 2	3135 6	700 0	7 4	-0 7	162 7	2 9	-0 9	2 8	310 7	325 9	5 2	56 4	3 3	297
9 0	36 8	3433 9	675.0	4 8	-2 1	185 1	3 0	0 3	3 0	311 0	325 3	4 9	60 7	3 4	299
10 1	39 6	3740 4	650.0	1 7	-2 9	184 2	4 1	0 3	4 1	310 9	324 9	4 8	71 3	3 5	303
11.3	42 3	4055 5	625.0	-1.0	-4 6	184 4	5 8	0 4	5 8	311 3	324 2	4 4	76 4	3 7	308
12 5	45 1	4380 2	600.0	-3 3	-7 5	179 7	6 7	-0 0	6 7	312 3	323 2	3 6	72 3	4 0	313
13 7	48 1	4715 7	575.0	-6 2	-9 2	162 6	6 8	-2 0	6 5	312 8	322 8	3 3	78 9	4 4	317
14.9	51 0	5062 3	550 0	-8 5	-10 9	145 5	6 6	-3 8	5 5	314 0	323 3	3 0	82 6	4 8	319
16 1	54 1	5421.5	525 0	-11 3	-13 6	128 1	5 8	-4 5	3 6	314 8	322 7	2 5	83 2	5 3	319
17 4	57 4	5794 5	500.0	-13 2	-20 8	109 0	5 1	-4 8	1 6	316 9	322 2	1 7	62 7	5 7	317
18 7	60 6	6186 2	475 0	-13 2	-30 5	113 4	5 0	-4 6	2 0	321 6	323 8	0 6	21 6	6 0	315
20 1	64 0	6594 9	450.0	-16 7	-32 5	135 3	4 8	-3 4	3 4	322 3	324 2	0 5	23 7	6 4	315
21 7	67 6	7021 1	425 0	-20 6	-35 5	162 1	4 9	-1 5	4 7	322 0	324 1	0 4	24 8	6 8	316
23 3	71 3	7466 4	400 0	-24 2	-38 2	171 6	5 7	-0 8	5 7	323 6	324 8	0 3	25 7	7 3	318
25 1	75 2	7934 1	375 0	-27 4	-41 1	177 1	7 9	-0 4	7 9	325 3	326 3	0 3	25 6	7 8	321
26 9	79 2	8426 8	350.0	-31 4	-44 4	187 3	9 7	1 2	9 7	326 4	327 2	0 2	26 3	8 6	325
28 8	83 4	8947 9	325.0	-34 9	-48 5	198 6	10 6	3 4	10 0	328 6	329 2	0 1	23 3	9 4	330
30 9	88.0	9502.9	300 0	-37.9	-51 3	221 1	11 6	7 6	8 7	332 0	332 4	0 1	22 7	10 2	337
32 8	92 6	.3096 5	275 0	-42 7	99 9	242 8	9 9	8 8	4 5	333 3	999 9	99 9	999 9	10 6	344
35.0	97 6	10731 3	250.0	-48 4	99 9	245 5	11 1	10 1	4 6	334 1	999 9	99 9	999 9	10 8	350
37 4	102 8	11416 9	225.0	-53 5	99 9	248 2	15 8	14 6	5 [illegible]	336 5	999 9	99 9	999 9	11 4	0
40 1	108.5	12163 8	200.0	-59.1	99.2	250 9	13 5	12 8	4	339 1	999 9	99 9	999 9	12 5	11
42 8	114 5	12996 2	175 0	-60 6	99 9	249 7	14 2	13 3	4 9	349 9	999 9	99 9	999 9	13 7	18
46.2	121 0	13962 5	150.0	-58 8	99 9	246 6	12 7	11 6	5 0	368 8	999 9	99 9	999 9	15 9	26
50 1	128 0	15102 1	125 0	-62 4	99 9	253 4	11 2	10 7	3 2	382 0	999 9	99 9	999 9	17 8	32
54 8	135 7	16479 5	100 0	-62 8	99 9	251 4	7 9	7 5	2 5	406 4	999 9	99 9	999 9	20 0	38
60 3	143.7	18240 6	75.0	-63 9	99 9	272 0	4 0	4 0	0 1	439 0	999 9	99 9	999 9	21 1	41
67 7	.51 7	20760 6	50.0	-57 1	99 9	111 9	2 6	-2 4	1 0	508 9	999 9	99 9	999 9	20 6	40
79 5	180 3	25212 7	25 0	-51 5	99 9	48 3	4 6	-3 4	-3 1	637 0	999 9	99 9	999 9	19 2	39

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

STATION NO. 274
TUCSON, ARIZONA

1 MAY 1982
1705 GMT

152 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	14.4	787 0	923 5	25 7	8 2	120 0	7 7	-6 7	3 8	305 7	326 6	7 4	33 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99.9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	950.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	16 9	1012.8	900.0	23 0	8 8	999 9	99 9	99 9	99 9	305 2	327 5	8 0	40 4	999 9	999
1 6	19 4	1257.4	875.0	20 9	8 4	999 9	99 9	99 9	99 9	305 6	327 7	7 9	44 4	999 9	999
2 7	22 1	1507 4	850.0	19 3	7 6	122 6	7 2	-6 0	3 9	306 3	328 0	7 7	46 6	1 7	300
3 7	24 7	1763 2	825 0	16 6	6 4	116 4	7 0	-6 2	3 1	306 2	326 9	7 4	50 9	2 0	300
4 6	27 4	2024 5	800.0	14 2	5 3	115 6	8 2	-7 4	3 5	306 3	326 1	7 0	54 9	2 5	299
5 6	30 1	2291 7	775 0	12 1	3 7	108 5	6 4	-6 1	2 0	306 8	325 1	6 5	56 4	3 0	298
6 7	32 9	2566.3	750.0	11 4	2 1	116 0	4 2	-3 8	1 9	308 9	326 0	5 9	52 7	3 3	297
7 5	35 6	2848.8	725 0	9 6	0 2	157 0	2 7	-1 1	2 5	310 0	325 6	5 4	51 7	3 4	298
8 5	38.4	3139 2	700.0	7 6	-1 7	181 7	3 5	0 1	3 5	310 9	325 0	4 8	51 7	3 5	300
9 5	41 2	3437.7	675.0	4 9	-2 9	169 5	3 9	-0 7	3 8	311 2	324 7	4 6	57 0	3 6	303
10 4	44 0	3744 4	650 0	2 6	-3 0	173 2	4 4	-0 5	4 4	311 9	325 9	4 7	66 8	3 8	306
11 5	46.9	4060 5	625 0	-0 1	-5 1	177 6	5 2	-0 2	5 2	312 4	324 9	4 2	69 0	4 0	309
12 7	49 9	4385 0	600 0	-3 1	-7 3	183 0	5 4	0 3	5 4	312 6	323 7	3 7	72 6	4 2	313
13 9	52 9	4722 0	575 0	-5 8	-8 0	184 1	6 4	0 5	6 4	313 2	324 2	3 7	84 7	4 5	317
15 0	55 9	5063 9	550 0	-8 7	-9 3	171 2	7 2	-1 1	7 1	313 8	324 3	3 4	95 0	4 8	321
16 1	59 0	5428 1	525.0	-11 6	-12 3	158 5	7 0	-2 6	6 5	314 5	323 2	2 8	94 6	5 3	323
17 5	62 1	5800 0	500.0	-14 9	-21 0	139 4	7 9	-5 1	6 0	314 9	319 5	1 4	59 4	5 9	324
18 8	65 4	6187 8	475.0	-14 6	-31.7	117 5	8 6	-7 6	4 0	320 0	321 9	0 6	21 7	6 5	322
20 2	68 6	6596 8	450.0	-16 2	-33 8	118 3	7 8	-6 8	3 7	322 9	324 5	0 5	20 2	7 2	319
21 7	72 0	7023 9	425.0	-19 6	-36 6	150 7	7 5	-3 7	6 5	323 8	325 2	0 4	20 4	7 8	319
23 1	75 5	7470 6	400.0	-23.8	-39 2	166 6	7 5	-1 7	7 3	324 1	325 2	0 3	22 5	8 4	320
24 7	79 1	7938.6	375.0	-27 5	-42 8	175 7	8 1	-0 6	8 0	325 2	326 0	0 2	21 6	8 9	323
26 4	82 7	8431.6	350.0	-30 9	-46.0	175 0	9 1	-0 8	9 1	327 1	327 7	0 2	20 8	9 7	326
28 3	86 7	8954 1	325.0	-34 1	-49 2	193 4	8 9	2 1	8 7	329 8	330 3	0 1	19 7	10 6	329
30 1	90 7	9510 9	300.0	-37 5	-44 6	211 8	9 4	4 9	8 0	332 5	333 4	0 2	47 0	11 2	333
32 0	94 8	10108 1	275 0	-41 9	99 9	213 2	10 1	5 5	8 4	334 6	999 9	99 9	999 9	11 7	330
34 1	99 2	10743 9	250 0	-47 4	99.9	212 5	9 4	5 0	7 9	335 6	999 9	99 9	999 9	12 5	342
36 2	103 8	11431 9	225 0	-53 4	99 9	217 5	12 2	7 4	9 7	336 6	999 9	99 9	999 9	13 3	347
38 6	108 6	12150 3	200 0	-59.6	99 9	223 6	13	9 4	9 8	338 4	999 9	99 9	999 9	14 6	353
41 6	114 0	13014 3	175.0	-60.6	99.9	234 5	15	12 3	8 7	349 9	999 9	99 9	999 9	16 0	0
44 6	119 6	13981 9	150.0	-59 0	99.9	232 8	12 7	10 1	7 7	368 4	999 9	99 9	999 9	17 6	7
48 4	126 0	15123 2	125.0	-60 6	99 9	243 4	13 2	11 8	5 9	385 2	999 9	99 9	999 9	19 6	13
52 8	133 0	16500.5	100 0	-63 8	99 9	245 7	9 0	8 2	3 7	404 5	999 9	99 9	999 9	21 6	21
58 0	141 0	18267 4	75 0	-62 5	99 9	289 8	2 7	2 5	-0 9	442 0	999 9	99 9	999 9	22 5	23
65 1	150 0	20781 6	50.0	-58.9	99 9	183 7	3 4	0 2	3 4	504 8	999 9	99 9	999 9	22 8	22
76 5	160 0	25223 5	25.0	-40.4	99 9	999 9	99 9	99 9	99 9	642 6	999 9	99 9	999 9	21 8	18

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 274
TUCSON, ARIZONA

1 MAY 1982
2110 GMT

'46 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	11.7	787 0	922 5	28 1	7.4	100 0	7 2	-7 1	1 3	308 3	328 2	7 0	27 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	99[illegible] 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	925 0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.8	13 5	1004 7	900 0	25 3	6 2	99 5	9 3	-9 1	1 5	307 6	326 5	6 6	29 3	0 4	276
1 7	15.6	1251 2	875 0	23 2	5 8	103 2	7 9	-7 7	1 8	307 9	326 8	6 6	32 3	0 9	280
2 6	17 7	1502 7	850 0	20 6	5 7	104 2	9 7	-9 4	2 4	307 7	327 1	6 8	37 9	1 3	281
3.2	19 8	1759 7	825 0	18 2	5.7	101 8	9 3	-9 1	1 9	307 8	327 6	7 0	43 9	1 7	282
4.0	22.0	2022 3	800 0	15 6	4 9	100 7	7 1	-7 0	1 3	307 8	327 2	6 8	48 8	2 0	281
4 7	24 3	2290 9	775 0	13 2	4 1	110 6	5 4	-5 1	1 9	308 0	327 0	6 7	54 3	2 3	282
5.6	26 5	2565 9	750 0	10 8	3.1	141 9	3 9	-2 4	3 1	308 3	326 7	6 4	59 0	2 5	283
6.9	29.8	2847 7	725 0	8.5	-0 0	154 0	3 4	-1 5	3 1	308 8	324 1	5 3	55 0	2 7	289
7.9	31 2	3137 1	700 0	6 1	-0.8	141 9	3 4	-2 1	2 7	309 2	324 2	5 2	61 4	2 8	291
9 1	33 6	3434 1	675 0	3 4	-1 2	139 3	5 0	-3 2	3 8	309 5	324 7	5 2	71 7	3 1	294
10.2	36.1	3739 8	650 0	1 7	-2 8	138 4	6.3	-4 2	4 7	310 9	324 9	4 8	71 9	3 5	290
11.3	38 7	4055 1	625 0	-0 9	-3 9	149 8	7 3	-3 7	6 3	311 4	325 0	4 6	80 3	3 9	299
12 2	41.2	4380 1	600 0	-2 9	-7 6	160 3	7 3	-2 5	6 9	312 7	323 6	3 6	70 4	4 2	302
13 2	44 0	4715 8	575 0	-5.5	-8 1	153 5	6 6	-2 9	5 9	313 6	324 5	3 6	81 9	4 5	306
14 3	46 8	5063 2	550 0	-8 2	-10 8	146 0	7 4	-4 1	6 1	314 4	323 7	3 0	81 1	4 9	308
15.6	49.6	5423 6	525 0	-10 1	-14.6	146 8	8 4	-4 6	7 1	316 3	323 7	2 3	69 2	5 5	310
16.8	52 8	5798 2	500 0	-12 6	-21 9	154 6	8 8	-3 8	8 0	317 7	322 0	1 3	45 5	6 2	312
18.2	55.8	6188 0	475 0	-15 1	-31.4	153 0	8 9	-4 0	7 9	319 3	321 3	0 6	23 4	6 8	314
19 6	59 0	6594 1	450 0	-17 7	-34 6	150 2	9 6	-4 8	8 3	321 0	322 5	0 4	20 7	7 5	316
21.2	62.3	7020 4	425 0	-19 8	-38 2	150 2	10.4	-5 2	9 0	323 6	324 7	0 3	17 6	8 5	317
22.7	65 8	7466 3	400.0	-24 2	-40 6	157 0	11 0	-4 3	10 1	323 6	324 6	0 3	20 1	9 4	319
24.0	69.3	7933 9	375 0	-27 8	-41 6	165 9	11 0	-2 7	10 7	324 8	325 8	0 3	24 6	10 2	321
25.6	73.2	8425 8	350 0	-31 1	-36 2	175 4	8 4	-0 7	8 3	326 8	328 5	0 5	60 9	11 0	323
27.6	77 1	8948 5	325 0	-33 9	-38 7	186 3	8 2	1 2	8 1	330 0	331 5	0 4	61 1	11 7	326
29 5	81 3	9506 1	300 0	-37 2	43 4	214 4	10 1	5 7	8 3	333 0	334 0	0 3	50 2	12 3	330
31.4	85.8	10101 7	275 0	-41 6	99 9	210 0	12 3	6 1	10 6	334 6	999 9	99 9	999 9	12 9	335
33.3	90 6	10739 8	250 0	-47 3	99 9	201 3	15 1	5 5	14 1	335 8	999 9	99 9	999 9	14 0	340
35.3	95 6	11427 3	225 0	-53 3	99 9	201 5	15 8	5 8	14 7	336 8	999 9	99 9	999 9	15 5	345
37.8	101 0	12173 6	200 0	-60 1	99 9	203 3	15 6	6 2	14 3	337 6	999 9	99 9	999 9	17 3	349
40.5	107.6	13008 0	175 0	-60 8	99 9	218 4	15 2	9 0	12 2	349 9	999 9	99 9	999 9	19 4	354
43.6	113 0	13969 5	150 0	-57 7	99.9	223 9	14 1	9 7	10 1	370 7	999 9	99 9	999 9	21 2	359
47.4	120.0	15115 3	125 0	-60 6	99 9	240 6	13 9	12 1	6 8	385 2	999 9	99 9	999 9	23 6	5
51.8	127.2	16491 2	100 0	-64 5	99 9	244 1	8 2	7 4	3 6	403 1	999 9	99 9	999 9	24 9	11
57.4	135.0	18250 1	75 0	-64 0	99 9	177 7	3 0	-0 1	3 0	438 8	999 9	99 9	999 9	26 0	13
64.5	143 0	20782 4	50 0	-58 9	99 9	164 5	1 9	-0 5	1 8	504 8	999 9	99 9	999 9	26 7	12
75.8	151.3	25198 2	25 0	-50 4	99 9	999 9	99 9	99 9	99 9	640 3	999 9	99 9	999 9	26 0	11

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
^ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 274
TUCSON, ARIZONA

1 MAY 1982
2320 GMT

153 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12 9	787 0	921 1	20 6	13 6	280 0	5 7	5 6	-1 0	300 7	329 5	10 7	64 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	14 7	987 5	900 0	20 9	9 9	999 9	99 9	99 9	99 9	303 0	326 6	8 5	49 3	999 9	999
1 4	16 9	1231 0	875.0	19 7	8 8	999 9	99 9	99 9	99 9	304.3	327 0	8 2	49 3	999 9	999
2 2	19 3	1480 7	850 0	19 0	8 3	999 9	99 9	99 9	99 9	306 1	328 9	8 2	49 9	999 9	999
2 9	21 6	1736 7	825 0	17 4	6 7	999 9	99 9	99 9	99 9	307 0	328 1	7 5	49 4	0 5	90
3 7	23 9	1998.6	800.0	15 2	3 8	164 8	4 2	-1 1	4 0	307 4	325 4	6 3	46 4	0 6	75
4 5	26 3	2266 5	775 0	13 0	2 8	144 9	4 9	-2 8	4 0	307 8	325 2	6 1	50 0	0 6	50
5 3	28 6	2541 5	750 0	10 7	1 7	146 0	6 0	-3 4	5 0	308 2	324 8	5 8	53 5	0 6	26
6 1	31 3	2823 1	725 0	8 0	0 0	153 9	6 6	-2 9	5 9	308 2	323 5	5 3	57 2	0 8	8
6 9	33 9	3111 6	700 0	5 4	-1 0	162 9	7 1	-2 1	6 7	308 5	323 2	5 1	63 1	1 1	1
7 8	36 6	3408 1	675 0	3 3	-1 7	165 2	9 5	-2 4	9 2	309 3	323 9	5 0	69 5	1 5	356
8 6	39 2	3713 2	650 0	0 8	-1 6	166 7	11 5	-2 6	11 2	309 9	325 2	5 3	84 2	2 2	353
9 9	42 0	4027 4	625 0	-1 9	-3 9	171 2	11 3	-1 7	11 2	310 3	323 8	4 6	86 0	3 0	352
11 1	44 9	4351 5	600 0	-3 9	-5 0	169 8	9 6	-1 7	9 5	311 6	324 6	4 4	92 6	3 7	352
12 2	47 8	4686 9	575 0	-5 9	-8 1	160 1	9 2	-3 1	8 7	313 0	323 9	3 6	84 4	4 3	351
13 3	50 9	5034 1	550 0	-8 2	-10 3	151 9	10 8	-5 1	9 5	314 4	323 8	3 1	81 5	4 9	349
14 3	53 9	5394 1	525 0	-10 4	-11 8	144 6	9 1	-5 3	7 4	315 9	324 9	2 9	89 4	5 5	347
15 6	57 3	5769 4	500.0	-11 9	-13 3	148 3	7 8	-4 1	6 6	318 6	327 1	2 7	88 8	5 1	344
17 3	60 6	6161 4	475 0	-13 6	-15 2	132 7	7 5	-5 5	5 1	321 2	329 0	2 5	87 6	6 6	342
18 7	64 0	6570 9	450 0	-16 1	-17 9	120 9	8 9	-7 7	4 6	323 1	329 9	2 1	85 7	7 4	339
20 2	67 7	6998 9	425 0	-19 6	-22 0	115 2	10 9	-9 9	4 7	323 9	328 9	1 5	81 2	8 0	335
21 3	71 5	7447 0	400 0	-22 7	-25 2	112 5	11 3	-10 4	4 3	325 6	329 7	1 2	79 2	8 7	331
22 7	75 3	7917 7	375 0	-25 7	-28 8	111 9	10 1	-9 4	3 8	327 6	330 9	0 9	74 8	9 3	328
23 9	79 5	8414 4	350.0	-29.4	-33 2	119 8	9 8	-8 5	4 9	329 1	331 4	0 7	69 1	10 0	326
25 3	83 8	8939.1	325 0	-33 6	-37 5	135 3	9 7	-6 9	6 9	330 4	332 0	0 5	67 3	10 7	324
26 9	88 4	9495 0	300 0	-38 6	-42 9	148 9	9 9	-5 1	8 4	331 0	332 1	0 3	63 4	11 6	324
28 4	93 2	10086 8	275 0	-43 7	99 9	167 2	10 1	-2 2	9 8	331 9	999 9	99 9	999 9	12 5	325
30 1	98 3	10720.8	250 0	48 4	99 9	186 7	12 3	1 4	12 2	334 1	999 9	99 9	999 9	13 5	328
32 1	103 6	11405 0	225.0	-54 0	99 9	183 9	13 9	1 0	13 8	335 8	999 9	99 9	999 9	15 0	332
35	109 4	12151 6	200 0	-58 7	99 9	193 2	13 6	3 1	13 2	339 8	999 9	99 9	999 9	16 7	335
37 7	115 5	12987 3	175 0	-59 3	99 9	214 6	11 8	6 7	9 7	352 1	999 9	99 9	999 9	18 3	341
40 5	121 7	13952 3	150 0	-59 4	99 9	221 2	13 7	9 1	10 3	367 7	999 9	99 9	999 9	19 2	346
43 9	128 5	15097 7	125.0	-59 6	99 9	241 1	10 9	9 5	5 3	387 1	999 9	99 9	999 9	21 0	353
48 1	135 7	16480 0	100.0	-63 1	99 9	232 3	6 9	5 5	4 2	405 9	999 9	99 9	999 9	21 6	356
53 4	143 3	18250 1	75 0	-63 8	99 9	203 1	4 8	1 9	4 4	439 1	999 9	99 9	999 9	23 3	0
60 0	151 0	20749 6	50 0	-61 0	99 9	285 4	4 8	4 6	-1 3	499 8	999 9	99 9	999 9	23 8	3
70 9	159 2	25178 3	25 0	49 6	99 9	143 8	4 1	-2 4	3 3	641 8	999 9	99 9	999 9	22 7	357

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 274
TUCSON, ARIZONA

2 MAY 1982
215 GMT

158 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	787.0	922.5	19.4	10.4	90.0	3.6	-3.6	0.0	299.4	322.8	8.6	56.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	15.7	1001.0	900.0	21.3	7.2	999.9	15.9	99.9	99.9	303.5	323.3	7.1	40.1	999.9	999
1.8	18.1	1244.1	875.0	19.5	8.1	999.9	99.9	99.9	99.9	304.0	323.0	6.8	41.8	0.6	301
2.9	20.6	1492.5	850.0	17.0	5.9	125.0	8.6	-7.0	4.9	304.0	323.2	6.9	47.9	1.2	306
3.9	23.0	1746.0	825.0	14.6	5.4	129.8	9.7	-7.5	6.2	304.1	323.3	6.9	53.9	1.[illegible]	305
4.9	25.6	2005.8	800.0	13.4	4.0	135.7	8.3	-5.8	6.0	305.4	323.5	6.4	53.1	2.3	308
5.7	28.0	2272.1	775.0	11.6	3.4	128.2	6.2	-4.8	3.8	306.2	324.2	6.3	57.2	2.6	308
6.6	30.6	2545.4	750.0	9.0	2.5	127.1	4.5	-3.6	2.7	306.4	323.9	6.1	63.7	2.9	308
7.6	33.2	2825.4	725.0	6.5	1.7	136.1	6.0	-4.1	4.3	306.6	323.7	6.0	71.2	3.2	308
8.6	36.0	3112.6	700.0	4.4	0.1	147.3	6.5	-3.5	5.5	307.4	323.3	5.5	73.7	3.6	310
9.7	38.7	3408.3	675.0	2.6	-1.0	176.7	4.9	-0.3	4.9	308.6	323.9	5.3	77.0	3.9	312
10.8	41.6	3713.0	650.0	0.6	-1.5	197.8	6.1	1.8	5.8	309.7	325.1	5.3	85.8	4.1	316
11.8	44.4	4027.3	625.0	-1.2	-3.1	202.9	7.2	2.8	6.6	311.0	325.4	4.9	87.5	4.3	321
12.8	47.4	4351.8	600.0	-3.8	-4.9	201.4	7.5	2.7	7.0	311.8	324.9	4.4	91.8	4.5	326
13.6	50.5	4687.1	575.0	-5.9	-6.7	194.7	8.4	2.1	8.1	313.1	325.2	4.0	93.6	4.9	331
15.0	53.6	5034.4	550.0	-8.0	-8.6	196.3	10.0	2.8	9.6	314.6	325.6	3.6	95.5	5.3	336
16.2	56.9	5394.8	525.0	-10.5	-11.1	190.1	10.2	1.8	10.1	315.8	325.4	3.1	94.9	5.9	340
17.3	60.1	5768.5	500.0	-13.4	-15.4	180.8	7.9	0.1	7.9	316.7	324.0	2.3	84.8	6.4	342
18.5	63.6	6158.2	475.0	-15.1	-16.7	167.6	7.4	-1.6	7.2	319.3	326.2	2.2	87.5	6.9	343
19.7	67.3	6565.3	450.0	-17.8	-19.5	158.1	7.3	-2.7	6.7	320.8	326.7	1.8	87.0	7.5	343
21.0	70.9	6990.8	425.0	-20.8	-22.8	145.0	8.1	-4.7	6.6	322.5	327.3	1.4	82.8	8.0	342
22.3	74.7	7436.6	400.0	-24.0	-28.4	140.2	9.9	-6.3	7.6	323.8	327.5	1.1	80.7	8.7	341
23.8	78.9	7904.5	375.0	-27.4	-30.5	143.9	10.8	-6.4	8.8	325.4	328.1	0.8	74.3	9.6	339
25.5	83.0	8397.0	350.0	-31.3	-35.9	147.5	11.7	-6.3	9.9	326.5	328.3	0.5	63.7	10.7	337
27.3	87.3	8917.6	325.0	-35.7	-40.6	143.9	14.2	-8.3	11.4	327.6	328.8	0.3	60.0	12.1	336
29.3	92.0	9488.2	300.0	-40.3	99.9	140.6	14.1	-8.9	10.9	328.6	999.9	99.9	999.9	13.8	334
31.2	96.8	10058.6	275.0	-45.4	99.9	133.9	11.7	-8.4	8.1	329.5	999.9	99.9	999.9	15.2	333
33.4	101.8	10685.1	250.0	-50.7	99.9	143.0	11.5	-6.9	9.2	330.6	999.9	99.9	999.9	16.6	331
35.6	107.3	11361.1	225.0	-56.9	99.9	155.6	14.2	-5.9	13.0	331.3	999.9	99.9	999.9	18.3	331
38.3	113.0	12102.0	200.0	-59.4	99.9	174.8	14.3	-1.3	14.3	338.7	999.9	99.9	999.9	20.[illegible]	332
40.9	119.2	12933.3	175.0	-61.8	99.9	207.3	13.9	6.4	12.3	348.3	999.9	99.9	999.9	22.3	336
44.1	125.7	13895.2	150.0	-59.5	99.9	215.0	12.8	7.3	10.5	367.6	999.9	99.9	999.9	23.6	341
[illegible].8	132.7	15029.3	125.0	-62.3	99.9	218.2	9.1	5.6	7.2	382.2	999.9	99.9	999.9	25.3	346
[illegible].5	140.3	16399.9	100.0	-64.9	99.9	224.4	7.2	5.0	5.1	402.4	999.9	99.9	999.9	26.4	349
57.7	148.3	18144.9	75.0	-65.6	99.9	255.9	5.3	5.1	1.3	435.4	999.9	99.9	999.9	27.5	353
65.5	156.7	20028.7	50.0	63.0	99.9	282.1	4.4	4.3	-0.9	495.2	999.9	99.9	999.9	27.3	352
70.2	185.3	25003.5	25.0	57.3	99.9	999.9	99.9	99.9	99.9	620.5	999.9	99.9	999.9	27.5	347

* BY SPEED MEANS ELEVATION A[illegible] F BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 274
TUCSON, ARIZONA

2 MAY 1982
515 GMT

141 18 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	13 7	787 0	923 5	19 0	11 1	70 0	5 7	-5 4	-1 9	298 9	323 2	9 0	60 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	15 9	1008.8	900 0	18 4	10 4	999 9	99 9	99 9	99 9	300 4	324 5	8 9	58 8	999 9	999
1.8	18.2	1250 3	875 0	17 9	7 1	999 9	99 9	99 9	99 9	302 3	322 4	7 3	49 3	999 9	999
2 5	20 6	1499 3	850 0	17 5	6 5	142 7	6 5	-3 9	5 2	304 5	324 5	7 2	48 3	0 9	2[illegible]7
3 3	23 0	1752 5	825 0	15 6	4 9	154 9	6 3	-2 9	6 1	305 1	323 8	6 6	48 8	1 2	2[illegible]
4 0	25 4	2013 4	800 0	14 1	3 7	160 1	7 0	-2 4	6 6	305 2	324 0	6 3	49 [illegible]	1 4	3[illegible]
4 [illegible]	27 9	2280 5	775 0	11 9	3 3	172 5	7 7	-1 0	7 7	306 6	324 4	6 3	55 6	1 7	309
5 7	30 4	2554 4	750 0	9 9	2 1	184 0	7 9	0 5	7 9	307 4	325 6	6 4	62 4	1 9	318
6 7	32 9	2835.5	725 0	8 1	1 3	198 0	6 2	1 9	5 3	308 4	325 2	5 8	62 2	2 2	326
7 7	35 4	3124 6	700 0	5 8	[illegible] 0	221 6	4 8	3 2	3 6	309 0	325 9	5 9	70 8	2 4	333
8 7	38.1	3421.7	675 0	4 1	-0 3	231 3	5 6	4 4	3 5	310 2	326 4	5 6	73 1	2 5	340
9 7	40 7	3727 7	650 0	[illegible] 6	-1 5	221 3	7 5	5 0	5 6	310 8	325 2	5 3	79 8	2 6	348
10 7	43 3	4042 7	0	-1 2	-3 5	211 0	9 0	4 6	7 7	311 1	325 1	4 8	8[illegible] 2	3 0	355
11 7	46 0	4367 2	600 0	-3 9	-4 7	204 2	9 7	4 0	8 9	3 2 1	327 4	4 5	91 2	3 5	360
12 9	48 8	4702 8	575 0	-5 9	-7 5	201 8	10 5	3 9	9 7	313 1	324 5	3 8	88 4	4 2	4
14 2	51 7	5049 9	550 0	-8 6	-11 0	203 3	13 4	5 3	12 3	313 8	323 0	3 0	83 0	5 0	7
15 3	54 4	5409 3	525 0	-10 4	22 6	207 4	15 5	7 1	13 8	3[illegible]5 9	319 8	1 2	[illegible]5 8	6 0	10
16 6	57 4	5783 1	500 0	-12 5	-25 3	205 8	14 3	6 2	12 8	317 8	321 0	1 0	33 9	7 1	13
18 0	60 4	6173 2	475 0	-15 1	-19 8	198 2	11 6	3 6	11 1	319 3	324 7	1 7	66 9	[illegible] 2	14
19 3	63 5	6579.7	450 0	-18 5	-21 0	197 8	11 2	3 4	10 6	320 0	325 2	1 6	80 3	9 0	14
20 6	66.7	7004 1	425 0	-21 6	-24 3	188 6	8 7	1 3	8 6	321 3	325 4	1 3	78 7	9 8	15
21 9	69 9	7449 5	400 0	-23 5	-26 8	153 7	7 9	-3 5	7 1	324 4	328 0	1 1	74 3	10 4	14
23 4	73 3	7918 [illegible]	375 0	-27 4	-30 6	125 7	8 6	-7 0	5 0	325 3	328 0	0 8	74 1	10 8	10
25 0	76 7	8410.5	350 0	-31 4	-34 8	117 1	9 2	-8 2	4 2	326 4	329 4	0 6	[illegible] 5	11 1	6
26 7	80 3	8930 9	325 0	-35 6	-39 9	122 7	10 5	-8 8	5 7	327 6	328 9	0 4	64 4	11 5	2
28 6	84 1	9481 7	300 0	-40 8	99 9	125 2	12 3	-10 1	7 1	327 9	999 9	99 9	999 9	12 3	357
30 5	88 0	10067 1	275 0	-45 6	99 9	130 9	14 6	-11 0	9 6	329 2	999 9	99 9	999 9	13 4	351
32 7	92 2	10685 3	250 0	-51 0	99 9	145 3	16 8	-9 5	13 8	330 3	999 9	99 9	999 9	15 0	347
34 9	96 5	11374 9	225 0	-54 2	99 9	162 5	16 9	-5 [illegible]	16 1	335 5	999 9	99 9	999 9	17 3	346
37 5	101 2	12123 9	200 0	-57 4	99 9	179 9	13 5	-0 0	13 5	341 9	999 9	99 9	999 9	19 7	346
39 9	106 2	12960 7	175 0	-60 7	99 9	194 3	10 5	2 7	10 6	349 7	999 9	99 9	999 9	21 1	348
42 7	111 6	13927 0	150 0	-58 8	99 9	210 2	12 0	6 0	10 4	353 8	999 9	99 9	999 9	22 8	351
46 1	117 7	15069 7	125 0	-59 7	99 9	203 6	10 9	4 4	10 0	386 9	999 9	99 9	999 9	24 6	354
49 6	124 3	16449 9	100 0	-63 7	99 9	223 0	7 2	4 9	5 2	404 0	999 9	99 9	999 9	26 2	357
54 4	132 2	18208 8	75 0	-66 0	99 9	236 0	3 7	3 0	2 0	434 6	999 9	99 9	999 9	27 2	358
61 3	141 0	20685 2	50 0	-59 9	99 9	145 1	3 4	-2 0	2 8	502 3	999 9	99 9	999 9	27 7	357
72 7	150 3	25071 7	25 0	-54 7	99 9	114 2	3 7	-3 3	1 5	627 9	999 9	99 9	999 9	28 0	353

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 274
TUCSON, ARIZONA

2 MAY 1982
1105 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	787 0	922 5	17 8	10.2	120 0	5 2	-4 5	2 6	297 8	320 6	8.5	61 0	0 0	0
99.9	99.9	99 9	1000 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99 9	99 9	975 0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	925 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.7	16.7	998 9	900 0	18 2	8.7	999.9	99 9	99 9	99 9	300 3	321 8	7.9	53 5	999 9	999
1.5	19.3	1240 5	875 0	18 1	7.4	999 9	99 9	99 9	99 9	302 6	323 1	7 4	49 5	999 9	999
2.3	21.9	1488 1	850 0	16 5	6.9	127.3	10 1	-8 0	6 1	303 5	323.9	7 4	52 8	1 1	312
3.1	24 6	1741 7	825 0	15 0	6.1	133.0	9 2	-6 7	6 3	304 5	324.6	7 2	55 3	1 6	310
4.0	27 3	2001 8	800 0	13 2	4 7	160 0	6 6	-2 2	6 2	305 2	324 1	6 7	56 1	2 0	313
4.9	30.0	2268 3	775 0	11 6	3 7	186 6	5 2	0 6	5 2	306 2	324 5	6 4	58 3	2 2	319
5.8	32.8	2542 0	750 0	9.9	3.4	181 8	4 9	0 2	4 9	307 3	325 9	6 6	64 2	2 4	324
6.7	35.5	2823 0	725 0	7 4	1 3	182 0	5 5	0 2	5 4	307 6	324 3	5 8	64 9	2 6	327
7 7	38.3	3111 0	700 0	4.7	0.0	197 6	6 6	2 0	6 3	307 8	323 5	5 5	71 3	2 9	332
8.7	41.1	3406 5	675 0	1.9	-0.5	195 0	8 5	2 2	8 2	307.8	323 6	5 5	83 9	3 2	338
9.6	44 0	3709.8	650 0	-0 8	-5.0	192 4	9 9	2 1	9 7	308 0	319 9	4 1	73 4	3 6	342
10.7	47 0	4022.3	625 0	-2 1	-14 9	193 7	11.4	2 7	11 1	310 1	316 0	1 9	36 7	4 2	347
11.8	50.0	4345 7	600 0	-4 3	-18 3	196 3	12 7	3.6	12 2	311.2	315 9	1 5	32 3	4 9	351
12.8	53 0	4679 8	575 0	-6 2	-23.8	198.9	12 8	4.1	12 1	312 7	315 9	1 0	23 3	5 7	355
13.9	56.1	5026.0	550.0	-8 9	-28.6	205 6	10 4	4 5	9 4	313 6	316 2	0 8	22 2	6 4	356
15.1	59 3	5384 5	525.0	-11 6	-26.8	205 9	8 9	3 9	8 0	314 5	317 2	0 8	26 8	7 0	1
16.3	62.5	5757 0	500 0	-14 2	-27 5	208 1	9.8	4 6	8.6	315.8	318 4	0 8	31 2	7 6	3
17.4	65.8	6144.4	475 0	-16 9	-21.9	209 5	8.8	4 3	7 7	317.0	321 5	1 4	65 1	8 1	5
18.6	69.1	6548 0	450 0	-20.3	-23.1	196 7	9 8	2 8	9 4	317 7	322 0	1 3	78 2	8 7	6
19.9	72.6	6969 9	425 0	-22 0	-30 3	184 8	11.4	1 0	11 3	320 8	323 2	0 7	46 9	9 6	7
21.4	76.0	7412 9	400 0	-25 4	-35 7	182.4	10 8	0.5	10 8	322 0	323 6	0 4	37 0	10 6	6
23 0	79.7	7878.2	375 0	-29 3	-39.8	182 8	11.0	0 5	11 0	322 8	323 9	0 3	35 9	11 6	6
24 6	83.3	8366 6	350 0	-33 7	-42.7	179 2	11.3	-0 2	11 3	323 3	324 2	0 2	39 2	12 7	5
26.3	87.3	8881.3	325 0	-38 2	-45.6	158.5	12 4	-4.5	11 6	324 0	324 7	0 2	45 6	13 8	4
28.0	91.3	9427 6	300 0	-42 3	99.9	137.5	15 3	-10 3	11 3	325 7	999 9	99 9	999 9	14 9	1
29.8	95 5	10010 1	275 0	-46 6	99.9	127 6	17.1	-13 6	10 5	327 7	999 9	99 9	999 9	15 9	357
31.3	100.0	10635 1	250 0	-52 0	99.9	140.1	16 7	-10 7	12 8	328 8	999 9	99 9	999 9	17 2	352
33.2	104.8	11313 9	225 0	-54 0	99.9	171 3	13 5	-2 0	13 4	335 8	999 9	99.9	999 9	18 9	351
35.5	109.8	12068 2	200 0	-55 7	99.9	211 7	10 8	5 7	9 2	344 5	999 9	99 9	999 9	20 3	353
38.1	115.2	12913 6	175 0	-53 7	99.9	221.6	9 0	6 0	6 7	353 1	999 9	99 9	999 9	21 2	356
40.9	121.0	13883.6	150 0	-58 0	99 9	215.3	11 5	6 7	9 4	370 2	999 9	99 9	999 9	22 6	358
44.2	127.7	15034.3	125 0	-58 1	99 9	226 9	11 2	8 2	7 6	389 8	999 9	99 9	999 9	24 3	2
47.9	135.2	16417.4	100 0	-63 6	99 9	221.2	7.2	4.7	5.4	404 9	999 9	99 9	999.9	25 6	5
52.7	144.0	18173.2	75 0	-64.0	99 9	263.4	4.0	3.9	0 5	438 8	999 9	99 9	999 9	26 9	7
58.9	154.0	20666.9	50 0	-61 9	99.9	122 2	3 2	-2 7	1 7	497.6	999 9	99 9	999 9	27 5	6
69.2	165.0	25059.1	25 0	-52.9	99.9	999.9	99 9	99 9	99 9	632 5	999 9	99 9	999 9	26 6	2

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

C-3

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 340
LITTLE ROCK, ARKANSAS

1 MAY 1982
1100 GMT

161 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6.6	172.0	1001.7	15.2	13 9	50 0	2 6	-2 0	-1 7	288 2	313 9	10 0	92 0	0 0	0
0 0	6.8	186.5	1000 0	15 8	14 2	57 6	3.2	-2 7	-1 7	289.0	315 2	10 3	90 2	0 1	302
0 6	9.4	402.6	975.0	16 1	14 0	61 4	3 6	-3 1	-1.7	291.3	318 3	10 4	87 7	0 2	239
1 6	12 0	623.2	950 0	14 1	12 8	49.9	2 8	-2.2	-1 8	291 5	317 2	9 9	92 0	0 3	237
2 4	14.7	848.3	925 0	12.4	10 6	44 2	3 2	-2 2	-2 3	292 0	314 9	8 7	88 3	0 5	234
3 1	17.3	1078.2	900.0	11.1	9 9	48.5	3.8	-2 8	-2 5	293.0	315 8	8 6	92 6	0 6	231
3 8	19.9	1312 9	875 0	9.1	7 9	55 9	3 1	-2 6	-1 7	293 2	313 5	7 7	92 0	0 8	232
4 6	22 6	1553.3	850 0	8.1	7 2	63 5	1 6	-1.5	-0.7	294.6	314 8	7 5	94 0	0 9	233
5 7	25.3	1799.5	825.0	6 3	0 2	332 5	1 4	0 6	-1 2	295 3	308 4	4 8	65 6	1 0	233
6 5	28.0	2051.7	800.0	6 0	5 1	380 5	4 1	4 0	-0 7	297 6	316 4	6 9	93 9	0 9	227
7 4	30.7	2312.2	775.0	5 2	4 6	301.6	5 2	4 5	-2 7	299 4	318 3	6 9	96 1	0 8	210
8 3	33 4	2579 8	750.0	3 4	2 8	307 2	7 0	5 6	-4 2	300 3	317 7	6 3	95 7	0 9	189
9 3	36 2	2854.7	725.0	2 1	1 4	295.2	8 6	7 8	-3 7	301 8	318 2	5 9	95 1	1 2	168
10 3	38 9	3137.5	700.0	0 2	-0 5	290 9	8 2	7 7	-2 9	302 8	317 7	5 3	94 7	1 5	150
11 4	41 8	3429.0	675 0	-1.1	-1 9	297 2	7 7	6.9	-3.5	304 5	318 6	4 9	94 0	2 0	141
12 7	44.7	3729.7	650.0	-2.8	-3.7	295 7	7 7	6 9	-3 3	305 8	318 8	4 5	93 6	2 5	136
13 8	47 6	4040.2	625.0	-4 4	-5 3	293.7	8 1	7.4	-3.3	307 5	319 6	4 1	93 2	3 0	132
15 0	50.4	4361.4	600 0	-6 2	-7 2	296 8	9 5	8 4	-4 3	308 9	319 9	3 7	93 0	3 6	129
16 2	53 5	4693.4	575.0	-8 3	-9 3	294 0	10 1	9 3	-4 1	310 3	320 2	3 3	92 7	4 3	127
17 4	56.5	5037.9	550.0	-10 0	-11.3	286 0	9 2	8 9	-2.5	312 2	321 1	2 9	90 6	5 0	125
18 7	59.6	5395 1	525.0	-12 8	-16 1	268 9	8 3	8 3	0 2	313 1	319 5	2 1	76 1	5 6	122
20 1	62 8	5765.8	500.0	-15.4	-18 9	260 1	7.9	7 8	1 4	314 3	319 7	1 7	73 9	6 2	118
21 4	65 9	6151.7	475 0	-17 6	-19 0	264 6	6 6	6 6	0 6	316 2	321 9	1 8	88 7	6 6	115
22 8	69.3	6554.2	450.0	-21 0	-24 5	264 2	5 8	5 8	0 6	316 8	320 6	1 2	73 0	7 1	113
24 5	72.7	6974.8	425.0	-23.5	-27 2	281 0	7 1	7 0	-1 4	318 9	322 1	1 0	71 1	7 6	111
26 0	76 0	7415.8	400.0	-26 2	-30 1	283 3	10 4	10 1	-2 4	320 9	323 6	0 8	69 8	8 4	111
27 8	79.6	7879.7	375.0	-29 8	-34 3	282 9	11 2	11 1	1 4	322 2	324 1	0 5	64 2	9 6	109
29 7	83.3	8367.3	350.0	-34 0	-39 1	259 7	11 5	11.3	2 1	322 9	324 2	0 4	59 7	10 7	105
31 7	87.0	8881.8	325.0	-38.1	-43 1	270 5	12 9	12 9	-0 1	324 2	325 2	0 3	58 7	12 1	103
34 0	91.0	9427.9	300 0	-42 7	99 9	271 0	14 1	14 1	-0 2	325 1	999 9	99 9	999 9	13 9	101
36 6	95 0	10008.7	275.0	-47 9	99 9	267 7	13 9	13.9	0 6	325 9	999 9	99 9	999 9	16 1	99
39 7	99.3	10631 3	250 0	-52 5	99 9	265 9	14 6	14 5	1 1	328 0	999 9	99 9	999 9	18 7	98
43 0	103 8	11303.7	225.0	-58.1	99 9	252 2	14 3	13 7	4 4	329.4	999 9	99 9	999 9	21 4	95
46 5	108.6	12034.8	200 0	-64 1	99 9	247 8	16 0	14 8	6 0	331.2	999 9	99 9	999 9	24 2	92
50 4	113.8	12843.2	175 0	-68.7	99 9	250 0	18 5	17 4	6 3	336 6	999 9	99 9	999 9	27 8	89
54 6	119 5	13779.6	150.0	-64 4	99 9	276.8	18 9	16 8	-2 0	359 1	999 9	99 9	999 9	32 6	88
60 3	125.7	14898.8	125.0	-64 2	99 9	276 0	14 8	14 7	-1 5	378 7	999 9	99 9	999 9	37 2	89
66 7	132.7	16268.3	100.0	-63 8	99 9	288 1	15 7	14 9	-4 9	404 4	999 9	99 9	999 9	43 3	91
74 7	140 7	18043.6	75.0	-60.6	99.9	303 2	10 7	8.9	-5 8	445 9	999 9	99 9	999 9	49 2	93
84 7	150.0	20572.0	50.0	-58.7	99.9	32 3	6 4	-3.4	-5 4	505 2	999 9	99 9	999 9	51 7	97
99 4	160 7	24993 7	25 0	-53 2	99 9	999 9	99 9	99 9	99 9	632 2	999 9	99 9	999 9	49 3	98

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 340
LITTLE ROCK, ARKANSAS

1 MAY 1982
1400 GMT

155 12

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	172 0	1002 6	15 8	14 6	60.0	2 6	-2 3	-1 3	288 5	315 4	10 5	94 0	0 0	0
0.1	6.3	194.1	1000 0	15 4	14 4	999 9	99.9	99 9	99 9	288 5	315 1	10 4	94 1	999 9	999
0 8	8.8	409 1	975 0	14 9	14 0	999 9	99 9	99 9	99 9	290 2	316 9	10 4	94 4	999 9	999
1 6	11.3	629 5	950.0	13 9	12 8	999.9	99 9	99 9	99 9	291 3	316 9	9 9	93 2	999 9	999
2.5	13 9	854 2	925 0	12 3	11 2	73.8	4.2	-4 1	-1 2	291 8	315 7	9 1	93 6	0 6	252
3.2	16.4	1084.0	900.0	11 0	9 8	86 3	4 1	-4 1	-0 3	292 8	315 2	8 5	92 5	0 7	254
4 0	19 0	1318.7	875 0	9 2	5 2	96 7	3.2	-3 2	0 4	293 4	310 5	6 4	76 0	0 9	258
4 9	21 7	1558.7	850 0	7 4	4 6	89.1	2 6	-2 6	-0 0	293 9	310 9	6 3	82 5	1 1	260
5 7	24 3	1804.2	825 0	5 7	4 8	21 3	3 0	-1 1	-2 8	294 6	312 3	6 6	94 2	1 2	260
6 6	26 9	2056.8	800 0	6 1	5 5	340 1	6 0	2 1	-5 7	297 6	317 0	7 1	96 2	1 2	247
7.4	29.6	2317.0	775 0	4 8	4 2	331.3	7 3	3 5	-6 4	299 0	317 3	6 7	95 8	1 2	230
8 4	32 2	2584.3	750 0	3 6	3 0	315 5	7 8	5 5	-5 6	300 5	318 1	6 4	95 8	1 3	211
9.3	35 0	2859.2	725.0	1 8	1.1	305 4	8.8	7.2	-5 1	301 5	317 5	5 7	95 0	1 5	193
10.3	37 7	3142.0	700 0	-0 0	-0 7	299 5	10 4	9 1	-5 1	302 4	317 1	5 2	95 0	1 7	174
11.3	40 4	3433 2	675 0	-1 1	-1 9	302 5	11 5	9 7	-6 2	304 4	318 5	4 9	94 6	2 2	159
12.3	43.2	3733.8	650.0	-2 9	-3.9	305.8	10.3	8 3	-6 0	305 7	318 5	4 4	92 6	2 8	152
13.3	46.0	4044.1	625.0	-4 3	-5 4	309 3	8 7	6 7	-5 5	307 5	319.5	4 1	92 5	3 3	148
14 5	48.9	4365.3	600.0	-6 1	-7.5	306.6	8 0	6.4	-4 8	309 1	319 9	3 6	90 0	3 8	145
15.6	51.8	4698.0	575.0	-7.7	-9 3	309 6	7 5	5 8	-4 8	310 9	320 8	3 3	88 2	4 3	143
16 8	54.8	5042.9	550.0	-9.6	-11.5	310.5	7 8	5 9	-5 0	312 7	321 5	2 9	86 4	4 9	141
18.0	57.8	5401.0	525 0	-12 1	-13 8	298.5	8.4	7 4	-4 0	313 9	321 6	2 5	86 6	5 4	140
19.4	60.9	5772.9	500 0	-14 4	-16 6	289.9	9 0	8 5	-3 1	315.5	322 0	2 1	83.4	6 1	137
20.8	64.0	6160 3	475 0	-16 7	-20 1	278 7	8 7	8.6	-1 3	317 3	322 5	1 6	74 9	6 7	133
22.3	67.1	6564.4	450 0	-19 8	-23 1	271.1	7 0	7 0	-0 1	318 4	322 7	1 3	74 9	7 3	130
23 8	70.4	6986.7	425.0	-22 4	-26 4	259 4	5 7	5 6	1 1	320 2	323 7	1 0	69 9	7 7	127
25 5	73.9	7429.4	400 0	-25 4	-29.8	256 7	7.9	7 7	1 8	322 0	324 7	0.8	66 3	8 1	123
27 1	77.2	7895.1	375.0	-28 7	-33 6	265.3	10 0	10 0	0 8	323 6	325 6	0 6	62 8	8 8	119
28.8	80 6	8385.6	350 0	-32 5	-37 1	271 9	9 4	9.4	-0 3	324 9	326 5	0 4	63 0	9 7	116
30.6	84 3	8903 6	325.0	-36 5	-41 5	265 7	10 7	10 7	0.8	326 4	327 5	0 3	59 5	10 7	114
32 7	88 1	9452 8	300.0	-41 4	99 9	263 7	11 0	11 0	1 2	327 0	999 9	99 9	999 9	11 8	111
34 7	92.0	10037.2	275.0	-46 1	99 9	269 2	12 0	12 0	0 2	328 4	999 9	99 9	999 9	13 1	108
37.0	96.2	10664 0	250 0	-51 1	99 9	268 3	11.8	11 8	0 3	330 1	999 9	99 9	999 9	14 8	106
39.6	100.6	11341.4	225 0	-56 3	99 9	248 9	11 2	10 5	4 0	332 2	999 9	99 9	999 9	16 3	103
42.1	105.2	12078.3	200.0	-62 8	99 9	242 8	14 3	12 7	6 5	333 3	999 9	99 9	999 9	17 7	99
44 7	110 0	12893.0	175 0	-67 0	99 9	253 5	15 5	14 9	4 4	339 3	999 9	99 9	999 9	19 8	96
48.0	115 2	13837.4	150 0	-63.6	99.9	269.6	15 9	15 9	0 1	360 5	999 9	99.9	999 9	22 9	94
51.8	121.0	14957.2	125.0	-63 1	99 9	283 1	16 3	15 8	-3 7	380 8	999 9	99.9	999 9	26 4	94
56 2	127.3	16332.6	100.0	-61 7	99 9	295.6	15 0	13 5	-6 5	408 5	999 9	99 9	999 9	30 6	96
61.8	135.0	18115.2	75.0	-59 4	99 9	303.9	9.0	7.5	-5 0	448 4	999 9	99.9	999 9	34.3	98
69.3	143.7	20660.9	50.0	-58.6	99.9	7.1	4.8	-0 6	-4.8	505 5	999 9	99 9	999 9	36 0	101
80.8	154.0	25092.0	25 0	-52.6	99.9	999.9	99 9	99 9	99 9	633 4	999 9	99 9	999 9	35 5	103

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 340
LITTLE ROCK, ARKANSAS

1 MAY 1982
1700 GMT

155 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6 8	172.0	1003.0	18.9	14 6	90.0	2 1	-2.1	0 0	291 8	319 0	10 5	76.0	0 0	0
0 1	7 1	197.8	1000.0	18.0	14.2	75 3	3.3	-3 2	-0 8	291 2	317 7	10 3	78 4	0 1	270
1 0	9 7	414.3	975 0	16.1	14 0	75 6	3.6	-3 5	-0 9	291 4	318 3	10 4	87 7	0 2	262
1 8	12 2	635.0	950.0	14 1	13 0	79.4	3 2	-3 2	-0 6	291.5	317 5	10 0	93 1	0 4	259
2 7	14.7	860 1	925.0	12.4	11.6	88 8	2 5	-2 5	-0 1	292 0	318 3	9 3	94 6	0 5	260
3 5	17 3	1090.0	900.0	11.1	8 9	122 6	1 9	-1 6	1 0	293 0	314 3	8 1	87 0	0 8	263
4.3	19 9	1325.1	875 0	10.1	4 2	161 4	1 6	-0 5	1 5	294 3	310 3	5 9	66 5	0 6	269
5 1	22.5	1565.7	850 0	8 3	4 4	114 5	2.2	-2 0	0 9	294 9	311 6	6 2	76 3	0 7	275
6 0	25.1	1812 0	825.0	6 8	5 4	49 3	2 2	-1 7	-1 4	295 8	314 3	6 9	91 0	0 8	274
6 8	27 7	2065 0	800.0	5.6	5 0	11 3	3 5	-0 7	-3 4	297 1	315 [illegible]	6 9	96 0	0 9	266
7 7	30 3	2324.6	775.0	4 3	3 8	347 5	4 0	0 9	-3 9	298 4	316 2	6 5	96 7	0 9	252
8 6	33.1	2591.3	750.0	3 1	1 0	344 0	4 8	1 3	-4 6	300 0	315 3	5 5	85 9	0 9	237
9 6	35 8	2866.0	725.0	2 4	-0 2	330 3	5 4	2 7	-4 7	302 1	316 8	5 2	83 3	1 0	220
10 6	38.4	3149.3	700 0	0 7	-1 0	317 2	5 7	3 8	-4 1	303 3	317 8	5 1	88 7	1 1	205
11 5	41.1	3441.3	675.0	0 6	-3 3	308 2	7.0	5 5	-4 3	306 3	319 3	4 5	75 2	1 3	190
12 7	44 0	3743.3	650 0	-1 7	-5.2	306 8	7.1	5 7	-4 3	307 1	318 8	4 0	76 9	1 6	173
13 7	46 8	4055.0	625.0	-3 4	-6 7	301 9	5.4	4 6	-2 8	308 5	319 4	3 7	77 9	1 9	164
14 8	49 6	4377.1	600.0	-5 3	-9 1	282.8	3.4	3.4	-0 8	310 0	319 6	3 2	74 8	2 1	158
16 0	52 6	4710.1	575.0	-7 8	-10 9	279 0	3 8	3 8	-0 6	310 8	319 6	2 9	78 2	2 2	153
17 2	55 5	5054.8	550.0	-9.9	-11 3	291 6	5 9	5.5	-2 2	312 4	321 3	2 9	89 0	2 5	147
18 4	58 5	5412 4	525 0	-12 4	-14 7	295 6	7 3	6 6	-3 1	313 6	320 7	2 3	82 4	2 9	142
19 6	61 5	5784.0	500.0	-14 6	-17 2	294 5	7 0	6 4	-2 9	315 2	321 5	2 0	80 9	3 4	138
21.0	64 8	6170.6	475.0	-17 6	-19.8	285 0	7 0	6 7	-1 8	316 2	321 5	1 7	82 4	3 9	134
22.4	67 9	6573 7	450 0	-20.2	-22 9	272.6	6 8	6 8	-0 3	317 8	322 2	1 3	78 8	4 4	129
23 9	71 1	6995.6	425.0	-22 5	-26 6	282 2	6 2	6 1	-1 3	320 2	323 6	1 0	68 9	4 8	126
25.4	74.6	7438 7	400.0	-25 1	-30 1	276 2	8 1	8 0	-0 9	322 3	325 0	0 8	62 9	5 4	123
26 9	78 0	7904.3	375 0	-28 8	-34 0	271 8	9.0	9 0	-0 3	323 4	325 4	0 6	61 0	6 1	119
28 5	81 6	8394 3	350 0	-33 1	-37 7	276 3	8 2	8 2	-0 9	324 2	325 6	0 4	62 7	6 9	116
30.2	85 2	8911.2	325 0	-37 0	-42 4	271 0	9 1	9 1	-0 2	325 7	326 7	0 3	56 6	7 7	114
32.0	89 0	9458.8	300 0	-41 8	99 9	270 3	9.7	9 7	-0 1	326 5	999 9	99 9	999 9	8 6	111
33 9	93 0	10042.0	275.0	-46.9	99 9	270 8	9 3	9 3	-0 1	327 3	999 9	99 9	999 9	9 [illegible]	109
35.8	97.0	10666.9	250 0	-51 6	99 9	277 4	10.1	10 0	-1 3	329 3	999 9	99 9	999 9	10 [illegible]	107
38 0	101.5	11341 6	225 0	-57 6	99 9	258 5	9 7	9 5	1 9	330 3	999 9	99 9	999 9	12 0	106
40 2	106 0	12075.5	200 0	-62 7	99 9	247 3	10 9	10 0	4 2	333 5	999 9	99 9	999 9	13 0	102
42 5	110.8	12892.9	175.0	-64.6	99 9	254 4	13 5	13 0	3 6	343 4	999 9	99 9	999 9	14 5	98
45 3	116 2	13837.3	150 0	-62 3	99 9	277 3	14 3	14 2	-1 8	362 9	999 9	99 9	999 9	16 [illegible]	97
48 8	122.0	14966 5	125 0	-61 8	99 9	283 6	14 8	14 4	-3 5	383 1	999 9	99 9	999 9	19 7	97
52 8	128 5	16350.9	100.0	-62.3	99 9	285 8	11.1	10 7	-3 0	407 4	999 9	99 9	999 9	22 9	99
58.0	136.0	18128.5	75.0	-61 6	99 9	298 0	8.7	7 7	-4 1	443 8	999 9	99 9	999 9	26 2	99
65 2	144 7	20674.8	50 0	-57 9	99 9	351 6	3 4	0 5	-3 4	507 2	999 9	99 9	999 9	27 8	103
78 1	155.0	25110 5	25.0	-51 6	99 9	31 0	3 8	-2 0	-3 3	636 2	999 9	99 9	999 9	27 [illegible]	104

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

STATION NO 340
LITTLE ROCK, ARKANSAS

1 MAY 1982
2000 GMT

159 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6 4	172 0	1002.2	20 0	16 2	200 0	2 6	0 9	2 4	293 0	323 3	11 7	79 0	0 0	0
0 1	6 7	191.0	1000.0	19.6	16 0	189 3	2.1	0.3	2 1	292 7	322 6	11 5	79 9	0 0	14
0 8	9 1	408.5	975.0	17 2	15 5	178 9	0 9	-0 0	0 9	292 5	322 1	11 4	89 6	0 1	23
1 4	11 7	630.1	950.0	15.0	14 0	290 4	0.3	0 3	-0 1	292 4	320 2	10 7	94 0	0 1	19
2 2	14 3	855.7	925.0	12 8	12 2	336 9	0.6	0 2	-0.6	292 5	317 8	9 7	95 7	0 1	32
2 8	16 9	1086.0	900.0	12 0	11 3	15 5	1 0	-0 3	-1 0	293 9	318 6	9 4	95 5	0 1	43
3 3	19 4	1322 0	875.0	10 5	9 8	48 6	1 5	-1 1	-1 0	294 8	318 0	8 8	95 3	0.0	51
3.7	22 0	1563 4	850.0	9.3	8 6	63 0	1 0	-0.9	-0 5	295 9	318 0	8 3	95 1	0 0	255
4 2	24 8	1811.1	825.0	7 7	6 9	100 8	0.4	-0 4	0 1	296 8	317 3	7 6	94 8	0 0	255
4 6	27 2	2064.7	800.0	6.3	5 5	167 9	0 2	-0 1	0 2	297 9	317 2	7 1	94 5	0 0	268
5 0	29 9	2325.0	775.0	4 9	4 1	264 9	0 6	0 6	0.1	299 1	317 4	6.6	94 2	0 0	275
5.5	32.6	2592 6	750.0	3 6	2 7	291 3	2 3	2.2	-0 9	300 5	317 8	6 2	93 9	0 0	173
6 3	35.3	2867 6	725.0	2 1	1.2	312.0	4.0	3 0	-2 7	301 8	318 0	5 8	93 4	0 2	121
6.8	38 1	3150.7	700.0	0.7	-0 4	322 5	5 7	3 5	-4 5	303 3	318 3	5 3	92 0	0 3	131
8 5	40.9	3442.7	675.0	-0 5	-1 9	319 6	6.4	4 2	-4 9	305 1	319 2	4 9	90 4	1 0	138
9.9	43 7	3744.2	650.0	-2.4	-4.5	322 4	5.0	3 0	-3 9	306 3	318 5	4 2	85 8	1 5	139
11.1	46.8	4054.5	625.0	-5 0	-8 3	322 1	3 2	1 9	-2 5	306 7	316 4	3 3	77 8	1 8	140
12 2	49 5	4374.9	600.0	-6.4	-10 1	323 6	3 5	2 1	-2 8	308 7	317 6	3 0	75 [illegible]	2 0	140
13 4	52 4	4707 0	575.0	-8.1	-10 9	314 2	5 8	4 2	-4 1	310 5	319 2	2 9	79 8	2 3	140
14 6	55 4	5051.5	550.0	-9.9	-13 4	304 6	7 0	5 7	-3 9	312 4	320 0	2 5	75 2	2 8	138
15.9	58 4	5409.0	525.0	-12 4	-16 4	300 6	7 9	6 8	-4 0	313 6	319 9	2 0	71 5	3 3	135
17 2	61 5	5780.6	500.0	-14 6	-18 6	296 7	8 2	7 4	-3 7	315 3	320 9	1 8	70 9	4 0	133
18 5	64 6	6167.5	475.0	-17 1	-21.5	288 3	7.7	7 3	-2 4	316.8	321 4	1 4	68 7	4.6	130
19 9	67 9	6571.1	450.0	-19 9	-24 6	289 0	8 5	8 0	-2 8	318 3	322 1	1 2	65 9	5 2	127
21 3	71 3	6993.1	425.0	-22 7	-27 4	295 0	9 0	8.2	-3 8	320 0	323 1	0 9	64 8	5 9	125
22 9	74 4	7435.4	400.0	-25 5	-30 4	295 0	9.2	8 4	-3 9	321 8	324 4	0 8	63 6	6 7	124
24.6	78 0	7900.0	375.0	-29.1	-34 3	291 7	8.3	7.7	-3 1	323 1	325 0	0 5	60 4	7 6	123
26 3	81 6	8389.5	350.0	-33 0	-39.1	278 7	7 0	6 9	-1.1	324 3	325 6	0 4	54 2	8 4	121
28.1	85.3	8906.2	325.0	-37.3	-44.0	269.4	8.4	8 4	0 1	325 3	326 2	0 2	48 9	9 1	119
29 9	89 2	9453 9	300.0	-41 7	99 9	270 8	8 8	8 8	-0 1	326 6	999 9	99 9	999 9	9 9	116
31 9	93 3	10037.3	275.0	-46	99 9	264 0	9.5	9 5	1 0	327 3	999 9	99 9	999 9	10 9	113
33 9	97 5	10661.7	250.0	-52	99 9	272 3	10 4	10 4	-0 4	328 6	999 9	99 9	999 9	12 0	111
36 2	102 0	11335.1	225.0	-57 7	99 9	270 2	8 8	8 8	-0 0	330 0	999 9	99 9	999 9	13 3	109
38 6	106 7	12068 1	200.0	-63 2	99.9	265 8	9 8	9.8	0.7	332 7	999 9	99 9	999 9	14 4	107
41 2	111 8	12886.9	175.0	-64.1	99.9	203 5	12 3	12 0	-2 9	344 1	999 9	99 9	999.9	16 1	106
44 3	117 2	13838.7	150.0	-60.8	99 9	281 8	13.9	13 6	-2 9	365 3	999 9	99 9	999 9	18 5	105
47 8	123 3	14972.9	125.0	-61 4	99 9	280 5	15 6	15 3	-2 9	383 8	999 9	99 9	999 9	21 6	105
52 2	130.2	16360 1	100.0	-62.0	99 9	285 9	13 2	12 7	-3 6	408 0	999 9	99 9	999 9	25 5	104
57 6	138.0	18142.4	75.0	-60.0	99.9	298.8	9.2	8 0	-4 4	447 2	999 9	99 9	999 9	29 4	106
65 1	147 5	20692.8	50.0	-58 7	99 9	332 2	4 0	1 8	-3 5	505 3	999 9	99 9	999 9	31 2	107
76.4	158.0	25119.8	25.0	-52 3	99 9	126.5	6 3	-5 1	3 8	634 5	999 9	99 9	999 9	31 0	111

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 340
LITTLE ROCK, ARKANSAS

1 MAY 1982
2300 GMT

158 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	172.0	1001.2	18.3	17.1	230.0	2.1	1.6	1.3	291.4	323.2	12.4	93.0	0.0	0
0.1	6.6	182.3	1000.0	18.1	16.5	225.1	2.2	1.5	1.5	291.2	322.0	12.0	90.8	0.0	9
0.9	9.0	398.8	975.0	16.5	12.5	201.9	1.5	0.6	1.4	291.8	316.3	9.4	77.2	0.1	34
1.6	11.5	620.0	950.0	15.4	11.0	244.4	0.3	0.3	0.1	292.8	315.8	8.8	75.1	0.1	29
2.4	14.0	845.8	925.0	13.7	9.8	338.1	1.2	0.4	-1.1	293.4	315.2	8.3	77.0	0.1	36
3.1	16.5	1076.5	900.0	11.8	9.5	341.0	1.9	0.6	-1.8	293.7	315.8	8.4	85.9	0.1	77
3.9	19.1	1311.9	875.0	10.3	9.0	316.5	2.5	1.7	-1.8	294.5	316.5	8.3	92.2	0.2	101
4.8	21.7	1553.1	850.0	8.7	7.5	1.6	2.8	-0.1	-2.8	295.2	315.8	7.7	92.5	0.3	125
5.7	24.2	1800.1	825.0	7.3	6.4	31.5	3.4	-1.8	-2.9	296.3	316.2	7.1	93.9	0.4	150
6.4	26.7	2053.4	800.0	6.1	5.3	31.5	2.9	-1.5	-2.5	297.7	316.7	7.0	94.2	0.5	172
7.4	29.3	2313.6	775.0	4.7	3.8	3.3	1.7	-0.1	-1.7	298.9	316.8	6.5	93.9	0.5	176
8.4	31.9	2580.9	750.0	3.7	2.7	346.9	2.2	0.5	-2.2	300.6	317.8	6.2	93.3	0.7	176
9.3	34.6	2856.1	725.0	2.2	1.2	331.1	2.9	1.4	-2.5	301.9	318.1	5.8	93.4	0.8	173
10.4	37.3	3139.3	700.0	0.5	-0.5	317.5	3.6	2.4	-2.7	303.1	318.0	5.3	92.9	1.0	167
11.3	40.0	3430.6	675.0	-1.2	-5.5	309.5	3.9	3.0	-2.5	304.3	315.2	3.8	72.8	1.2	161
12.4	42.8	3731.0	650.0	-3.1	-9.3	310.2	3.5	2.7	-2.3	305.4	314.0	2.9	62.3	1.4	155
13.5	45.6	4040.8	625.0	-4.9	-9.6	326.1	2.1	1.2	-1.8	306.9	315.6	3.0	69.3	1.6	153
14.7	48.5	4360.9	600.0	-6.7	-9.5	325.1	2.8	1.6	-2.3	308.3	317.6	3.1	81.2	1.7	153
15.8	51.4	4692.7	575.0	-8.3	-9.6	312.1	5.3	3.9	-3.6	310.3	320.0	3.2	89.9	2.0	151
17.0	54.3	5036.5	550.0	-10.7	-15.4	301.0	8.5	7.3	-4.4	311.4	317.9	2.1	68.3	2.4	146
18.3	57.3	5393.4	525.0	-12.4	-15.2	293.5	10.7	9.8	-4.3	313.5	320.4	2.2	79.6	3.1	139
19.5	60.3	5764.8	500.0	-14.8	-19.9	300.4	9.0	7.8	-4.6	315.0	320.1	1.6	64.9	3.8	134
20.8	63.1	6151.1	475.0	-17.4	-28.8	313.6	8.5	6.1	-5.8	316.5	318.9	0.7	35.9	4.5	133
22.3	66.4	6554.2	450.0	-20.0	-29.4	315.3	8.3	5.9	-5.9	318.1	320.6	0.7	42.4	5.2	133
23.6	69.6	6975.9	425.0	-22.7	-31.2	300.9	8.2	7.0	-4.2	319.9	322.2	0.7	45.7	5.9	133
25.1	73.0	7417.8	400.0	-25.8	-30.4	296.5	9.7	8.7	-4.3	321.4	324.0	0.8	65.1	6.6	131
26.8	76.5	7881.9	375.0	-29.5	-34.3	294.7	11.2	10.2	-4.7	322.6	324.5	0.5	62.4	7.6	129
28.6	80.0	8370.8	350.0	-33.0	-39.4	278.4	10.5	10.4	-1.5	324.3	325.6	0.3	52.0	8.8	126
30.5	83.8	8887.9	325.0	-37.2	-45.5	273.5	9.9	9.9	-0.6	325.5	326.2	0.2	41.3	9.7	122
32.4	87.7	9435.9	300.0	-41.8	99.9	274.4	11.1	11.0	-0.9	326.5	999.9	99.9	999.9	10.8	120
34.4	91.8	10019.4	275.0	-46.7	99.9	270.9	11.1	11.1	-0.2	327.6	999.9	99.9	999.9	12.0	117
36.4	96.0	10644.1	250.0	-51.8	99.9	273.4	11.6	11.6	-0.7	329.0	999.9	99.9	999.9	13.2	114
38.7	100.6	11319.0	225.0	-57.3	99.9	281.7	13.8	13.6	-2.8	330.8	999.9	99.9	999.9	14.9	112
41.1	105.4	12054.7	200.0	-62.9	99.9	280.9	14.2	14.0	-2.7	333.2	999.9	99.9	999.9	16.9	111
44.0	110.6	12874.3	175.0	-62.6	99.9	287.2	13.5	12.9	-4.0	346.7	999.9	99.9	999.9	19.3	110
47.1	116.4	13831.7	150.0	-60.4	99.9	287.7	16.0	15.2	-4.8	366.1	999.9	99.9	999.9	22.1	110
50.8	122.7	14966.6	125.0	-61.1	99.9	283.9	18.4	17.9	-4.4	384.3	999.9	99.9	999.9	25.8	109
55.4	130.0	16351.4	100.0	-62.1	99.9	291.5	15.4	14.3	-5.6	407.7	999.9	99.9	999.9	30.6	109
60.7	138.0	18134.1	75.0	-59.4	99.9	304.0	10.4	8.6	-5.8	448.4	999.9	99.9	999.9	34.6	110
68.1	147.7	20685.4	50.0	-57.6	99.9	354.4	6.2	0.6	-6.1	507.9	999.9	99.9	999.9	37.5	112
79.6	158.0	25115.2	25.0	-51.2	99.9	999.9	99.9	99.9	99.9	637.4	999.9	99.9	999.9	36.4	115

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 340
LITTLE ROCK, ARKANSAS

2 MAY 1982
200 GMT

160 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	172.0	1001.2	16.7	15.4	340.0	0.0	0.0	0.0	289.8	318.1	11.1	92.0	0.0	0
0.0	6.6	182.3	1000.0	17.0	15.5	340.2	0.8	0.3	-0.8	290.1	318.8	11.2	91.0	0.0	32
0.8	9.0	399.5	975.0	17.5	14.5	347.2	4.3	1.0	-4.3	292.8	320.6	10.7	82.4	0.2	162
1.6	11.4	621.3	950.0	15.2	11.3	8.7	4.8	-0.7	-4.8	292.7	316.0	8.9	77.1	0.4	170
2.5	13.9	846.9	925.0	13.5	9.9	37.7	3.4	-2.1	-2.7	293.1	315.1	8.3	78.7	0.6	181
3.3	16.4	1077.6	900.0	12.3	9.6	54.7	3.7	-3.4	-1.6	294.2	316.4	8.4	83.2	0.7	192
4.2	18.9	1313.5	875.0	10.9	4.9	74.1	4.7	-4.5	-1.3	295.1	311.9	6.2	66.7	0.8	206
5.0	21.4	1555.0	850.0	9.0	7.2	63.7	4.1	-3.7	-1.8	295.6	315.8	7.5	88.5	1.0	215
5.8	24.0	1802.2	825.0	7.5	6.5	52.9	3.1	-2.5	-1.9	296.5	316.5	7.4	93.3	1.2	218
6.7	26.5	2056.0	800.0	7.0	2.8	71.8	3.0	-2.8	-0.9	298.6	314.8	5.9	74.9	1.3	221
7.5	29.1	2316.4	775.0	4.8	2.0	63.7	2.0	-1.8	-0.9	299.0	314.8	5.7	82.0	1.4	224
8.5	31.8	2583.4	750.0	3.3	1.8	19.4	2.2	-0.7	-2.1	300.1	316.3	5.8	89.9	1.5	224
9.5	34.4	2858.1	725.0	1.6	0.5	334.0	2.6	1.1	-2.3	301.2	316.6	5.5	92.1	1.6	220
10.4	37.0	3140.5	700.0	-0.1	-0.7	308.1	3.0	2.3	-1.8	302.4	317.1	5.2	95.4	1.7	215
11.5	39.8	3431.5	675.0	-1.2	-2.9	298.6	3.8	3.4	-1.8	304.3	317.5	4.6	88.5	1.7	207
12.6	42.4	3732.6	650.0	-2.1	-9.2	301.1	4.1	3.5	-2.1	306.6	315.5	3.0	59.5	1.7	198
13.5	45.1	4043.4	625.0	-3.7	-13.2	308.2	3.8	3.0	-2.4	308.2	314.9	2.2	47.3	1.8	191
14.6	48.0	4364.3	600.0	-6.4	-12.1	312.0	3.5	2.6	-2.4	308.7	316.3	2.5	63.9	1.9	184
15.7	50.9	4695.9	575.0	-9.0	-11.7	324.6	2.9	1.7	-2.4	309.5	317.7	2.7	80.2	2.0	180
16.8	53.8	5039.1	550.0	-11.1	-12.5	335.7	3.0	1.2	-2.7	311.0	319.0	2.7	88.8	2.2	178
18.1	56.8	5395.1	525.0	-13.4	-15.6	327.5	5.1	2.8	-4.3	312.4	319.1	2.2	82.9	2.5	175
19.5	59.9	5765.2	500.0	-15.3	-22.3	312.6	5.8	4.3	-3.9	314.4	318.6	1.3	54.8	2.9	169
20.9	63.0	6151.4	475.0	-17.5	-30.3	313.5	5.6	4.1	-3.9	316.3	318.5	0.6	31.7	3.3	164
22.4	66.1	6554.3	450.0	-20.1	-32.9	316.9	8.5	5.8	-6.2	318.0	319.8	0.5	30.9	3.8	160
23.9	69.4	6975.2	425.0	-23.5	-35.4	316.6	11.0	7.5	-8.0	318.9	320.4	0.4	32.2	4.7	156
25.6	72.9	7415.7	400.0	-26.3	-37.3	305.3	12.2	9.9	-7.0	320.8	322.2	0.4	34.4	5.8	151
27.2	76.3	7878.9	375.0	-30.1	-39.6	293.4	12.7	11.6	-5.0	321.8	323.0	0.3	38.7	6.8	146
29.1	80.0	8366.4	350.0	-34.0	-39.8	283.4	14.5	14.1	-3.4	322.9	324.1	0.3	55.5	8.0	139
31.0	83.7	8881.1	325.0	-38.6	-42.9	280.9	15.9	15.7	-3.0	323.6	324.5	0.3	62.8	9.5	133
32.9	87.6	9425.7	300.0	-43.1	99.9	277.9	15.5	15.4	-2.1	324.7	999.9	99.9	999.9	11.1	127
35.1	91.6	10005.0	275.0	-48.7	99.9	279.3	15.5	15.3	-2.5	324.8	999.9	99.9	999.9	12.9	123
37.7	95.8	10625.0	250.0	-53.4	99.9	277.6	16.5	16.3	-2.2	326.6	999.9	99.9	999.9	15.2	119
40.5	100.4	11294.8	225.0	-58.7	99.9	283.0	16.9	16.5	-3.8	328.6	999.9	99.9	999.9	17.8	116
43.4	105.2	12028.2	200.0	-62.8	99.9	287.3	16.8	16.0	-5.0	333.3	999.9	99.9	999.9	20.8	115
46.6	110.4	12849.0	175.0	-64.1	99.9	299.4	17.8	15.5	-8.8	344.2	999.9	99.9	999.9	23.9	114
50.3	116.0	13798.3	150.0	-61.6	99.9	296.6	18.9	16.9	-8.4	364.0	999.9	99.9	999.9	28.1	115
54.7	122.3	14928.5	125.0	-61.8	99.9	295.9	16.9	15.2	-7.4	383.0	999.9	99.9	999.9	32.8	115
60.1	129.5	16302.1	100.0	-63.6	99.9	292.5	16.3	15.1	-6.2	404.8	999.9	99.9	999.9	37.9	115
67.0	138.0	18070.0	75.0	-63.3	99.9	304.0	8.8	7.3	-4.9	440.3	999.9	99.9	999.9	43.1	115
76.4	148.0	20583.0	50.0	-58.9	99.9	359.4	5.3	0.1	-5.3	504.6	999.9	99.9	999.9	46.2	117
90.8	158.7	24985.5	25.0	-53.5	99.9	307.2	3.9	3.1	-2.4	631.2	999.9	99.9	999.9	45.7	120

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LITTLE ROCK, ARKANSAS

2 MAY 1982
500 GMT

155 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	172.0	1001.2	15.6	14.8	310.0	2.6	2.0	-1.7	288.7	315.9	10.7	95.0	0.0	0
0.1	6.9	182.2	1000.0	16.2	15.0	143.2	3.4	-2.0	2.7	289.3	317.0	10.8	92.8	0.1	80
1.0	9.3	399.1	975.0	17.3	12.4	17.9	4.4	-1.3	-4.2	292.6	317.1	9.4	73.0	0.2	167
1.7	11.6	620.8	950.0	16.1	9.6	42.1	4.9	-3.3	-3.6	293.6	314.7	8.0	65.3	0.4	188
2.4	14.1	847.1	925.0	14.2	9.9	64.7	4.5	-4.1	-1.9	293.8	315.9	8.3	75.5	0.6	204
3.3	16.6	1078.1	900.0	12.3	8.3	72.0	4.5	-4.3	-1.4	294.2	314.6	7.7	76.3	0.7	217
4.0	19.1	1314.0	875.0	10.7	4.6	76.7	3.7	-3.6	-0.9	294.9	311.5	6.1	65.8	0.9	225
4.9	21.5	1555.4	850.0	9.4	3.0	79.5	2.8	-2.8	-0.5	296.0	311.3	5.6	64.3	1.0	230
5.7	24.1	1802.5	825.0	8.2	1.2	88.8	2.0	-2.0	-0.1	297.2	311.3	5.1	61.5	1.1	233
6.6	26.6	2056.5	800.0	7.5	0.7	77.9	1.2	-1.2	-0.3	299.1	313.2	5.1	62.3	1.2	235
7.5	29.2	2317.3	775.0	5.3	1.8	41.6	1.7	-1.1	-1.3	299.5	315.1	5.6	78.2	1.3	236
8.4	31.8	2584.9	750.0	3.5	2.4	11.3	2.7	-0.5	-2.7	300.4	317.3	6.1	92.4	1.4	232
9.3	34.4	2859.6	725.0	1.8	0.7	4.1	2.5	-0.2	-2.5	301.5	317.0	5.6	92.0	1.5	228
10.3	37.1	3142.2	700.0	-0.2	-1.2	339.1	2.7	1.0	-2.5	302.3	316.5	5.0	93.2	1.6	224
11.4	39.9	3432.7	675.0	-1.6	-4.5	316.5	3.5	2.4	-2.5	303.9	315.6	4.1	80.3	1.6	217
12.3	42.6	3733.3	650.0	-1.7	-15.4	316.0	4.4	3.0	-3.1	307.1	312.5	1.8	34.2	1.7	210
13.3	45.3	4044.5	625.0	-3.7	-14.7	315.1	5.5	3.9	-3.9	308.2	314.2	2.0	42.1	1.8	200
14.4	48.2	4365.8	600.0	-5.7	-13.0	317.5	5.2	3.5	-3.8	309.5	316.6	2.3	56.5	1.9	191
15.4	51.0	4698.0	575.0	-7.9	-14.0	326.2	4.2	2.3	-3.5	310.7	317.6	2.2	61.3	2.1	185
16.6	53.9	5042.1	550.0	-10.4	-21.4	331.4	4.0	1.9	-3.5	311.7	315.7	1.3	40.0	2.4	181
17.8	56.9	5398.3	525.0	-13.5	-19.5	316.0	5.0	3.5	-3.6	312.2	317.0	1.5	60.4	2.7	177
19.0	59.9	5769.2	500.0	-14.5	-33.6	307.7	6.3	5.0	-3.8	315.4	316.9	0.4	17.7	2.9	172
20.3	63.0	6155.3	475.0	-17.9	-32.9	299.8	8.1	7.0	-4.0	315.8	317.5	0.5	25.4	3.3	165
21.5	66.1	6557.8	450.0	-20.5	-37.5	296.7	8.9	8.0	-4.0	317.5	318.7	0.3	20.0	3.8	157
22.9	69.4	6978.4	425.0	-23.8	-38.7	299.1	10.2	8.9	-5.0	318.5	319.6	0.3	23.8	4.4	151
24.4	72.8	7418.2	400.0	-26.9	-41.8	295.5	13.8	12.5	-6.0	320.0	320.9	0.2	22.7	5.3	145
25.9	76.1	7880.7	375.0	-30.2	-44.3	292.0	16.5	15.3	-6.2	321.7	322.4	0.2	23.5	6.6	139
27.6	79.7	8367.6	350.0	-34.4	-45.9	286.6	17.2	16.4	-4.9	322.3	323.0	0.2	30.0	8.1	133
29.3	83.4	8881.9	325.0	-38.4	-49.4	281.3	17.3	17.0	-3.4	323.8	324.3	0.1	29.9	9.7	127
31.4	87.3	9426.3	300.0	-43.4	99.9	279.7	17.2	16.9	-2.9	324.2	999.9	99.9	999.9	11.6	123
33.5	91.3	10005.9	275.0	-48.3	99.9	279.4	18.0	17.7	-2.9	325.2	999.9	99.9	999.9	13.7	119
35.7	95.5	10626.6	250.0	-52.9	99.9	282.9	17.6	17.1	-3.9	327.5	999.9	99.9	999.9	16.0	116
38.1	100.0	11298.9	225.0	-57.6	99.9	293.0	17.5	16.1	-6.8	330.3	999.9	99.9	999.9	18.5	115
40.8	104.8	12037.8	200.0	-60.7	99.9	294.6	18.7	17.0	-7.8	336.6	999.9	99.9	999.9	21.2	115
43.6	110.0	12861.8	175.0	-64.0	99.9	296.9	20.0	17.9	-9.1	344.3	999.9	99.9	999.9	24.5	115
47.0	115.5	13611.1	150.0	-61.3	99.9	305.0	19.3	15.8	-11.1	364.5	999.9	99.9	999.9	28.8	115
51.1	121.7	14942.3	125.0	-61.2	99.9	296.9	16.6	14.8	-7.5	384.2	999.9	99.9	999.9	32.8	117
56.0	128.7	16321.2	100.0	-62.2	99.9	297.3	14.5	12.8	-6.6	407.6	999.9	99.9	999.9	37.4	116
62.0	136.7	18096.6	75.0	-62.3	99.9	293.5	8.9	8.1	-3.5	442.4	999.9	99.9	999.9	41.7	116
70.4	146.0	20619.6	50.0	-59.3	99.9	353.5	5.4	0.6	-5.4	503.8	999.9	99.9	999.9	45.1	117
84.0	156.3	25028.9	25.0	-55.2	99.9	135.2	2.2	-1.6	1.6	626.4	999.9	99.9	999.9	44.3	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 340
LITTLE ROCK, ARKANSAS

2 MAY 1982
1100 GMT

161 22 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	6 6	172 0	1000.7	14.5	13 5	320 0	3 1	2 0	-2 4	287 6	312 7	9 8	94 0	0 0	0
0 0	6 7	177 9	1000.0	14 6	13 6	285 8	2 8	2 7	-0 8	287 7	313 0	9 9	94 2	0 0	27
0 9	9 3	393 7	975.0	16.4	11 6	66 5	1 3	-1 2	-0 5	291 7	314 8	8 9	73 3	0 2	141
1 7	12 0	614 7	950 0	15.2	11 3	16 6	2 5	-0 7	-2 4	292 7	316 0	8 9	77 1	0 3	155
2 5	14 6	840 5	925.0	13 3	9 9	70 5	3 0	-2 8	-1 0	293 0	314 9	8 3	79 5	0 3	174
3 3	17 2	1070 9	900.0	11 8	7 7	99 6	3 8	-3 8	0 6	293 7	313 3	7 4	76 1	0 4	201
4 2	19 9	1306 4	875.0	10.2	4 1	276 2	2 0	2 0	-0 2	294 3	310 2	5 9	65 8	0 4	227
5 0	22 6	1547 2	850.0	8.9	2 9	9 4	2 2	-0 4	-2 2	295 5	310 7	5 6	65 9	0 5	221
5 8	25.2	1794 1	825.0	7 5	1 5	15 4	1 1	-0 8	-2 9	296 5	310 8	5 2	65 5	0 6	216
6 7	28 0	2047 6	800.0	7 0	0 8	349 0	3 1	0 6	-3.0	298 6	312 7	5 1	64 6	0 7	210
7 6	30 8	2308.2	775.0	5 2	0 2	316 3	3 9	2 7	-2 9	299 4	313 4	5 0	69 9	0 9	198
8 6	33 6	2575 3	750 0	3 1	-1 1	297 [illegible]	3 5	3 1	-1 6	299 9	313 2	4 7	74 3	0 9	185
9 5	36.3	2849 3	725 0	0 9	-0 5	311 5	3 2	2 4	-2 1	300 4	314 7	5 1	90 2	1 0	177
10 4	39 1	3130 8	700 0	0 1	-4 8	330 9	5 6	2 7	-4 9	302 6	313 6	3 8	69 3	1 2	171
11 4	42 0	3422 2	675 0	-1.0	-8.8	329 6	7 3	3 7	-6 3	304 5	313 1	2 9	55 5	1 6	167
12 6	44 9	3722 3	650.0	-3.3	-8 4	323 4	7 8	4 7	-6 3	305 2	314 4	3 1	67 9	2 1	162
13 6	47 8	4031 6	625.0	-5 4	-14 7	328 1	7 9	4 2	-6 7	306 3	312 3	2 0	48 8	2 6	158
14 8	50 8	4351 2	600 0	-6 7	-24 0	341 3	6 1	2 0	-5 8	308 4	311 4	0 9	23 6	3 1	158
15 9	53.8	4682 5	575 0	-9 0	-20 3	336 3	4 8	1 9	-4 4	309 4	313 6	1 3	39 3	3 5	158
17 1	56 8	5024 6	550.0	-12 1	-20 5	311 3	4 6	3 5	-3 1	309 8	314 1	1 4	49 4	3 8	157
18.4	60.0	5379 0	525.0	-13.6	-26 3	298 2	7 1	6 3	-3 4	312 0	314 8	0 8	33 5	4 1	154
19 7	63 1	5749 4	500.0	-15.2	-31 4	309 0	10 1	7 8	-6 3	314 6	316 4	0 5	23 3	4 7	149
21 1	66.4	6134 7	475.0	-18 5	-31 4	314 2	10 6	7 6	-7 4	315 0	317 0	0 6	31 2	5 6	147
22 6	69 7	6535.3	450.0	-22.1	-32 9	316 8	9 3	6 4	-6 8	315 5	317 3	0 5	36 5	6 5	145
24 1	73 1	6952 7	425.0	-25 1	-38 1	315 8	9 7	6 7	-6 9	316 9	318 0	0 3	28 3	7 3	144
25 7	76 6	7391.0	400.0	-28 3	-41 9	321 8	11 0	6 8	-8 7	318 2	319 0	0 2	25 5	8 3	143
27 4	80.1	7852 0	375.0	-30.5	-44 8	331 7	13 0	6 2	-11 4	321 3	321 9	0 2	22 8	9 5	144
29.2	83 9	8337.9	350.0	-34 6	-48 1	331 1	13 5	6 5	-11 8	322 2	322 7	0 1	23 5	11 0	145
31 3	87 7	8851 1	325.0	-39.0	-51 8	333 8	14 4	6 4	-12 9	322 9	323 3	0 1	24 0	12 6	146
33 3	91 7	9394 6	300.0	-43 5	99 9	334 1	15 4	6 7	-13 8	324 1	999 9	99 9	999 9	14 4	147
35 6	96 0	9973 4	275.0	-48 5	99 9	329 9	16 3	8 1	-14 1	325 0	999 9	99 9	999 9	16 6	148
38 0	100 3	10593 5	250 0	-53.7	99 9	327 2	17 0	9 2	-14 3	326 3	999 9	99 9	999 9	18 9	148
40 5	105 0	11262 2	225.0	-58 8	99 9	321 5	19 0	11 8	-14 9	328 5	999 9	99 9	999 9	21 7	148
43 2	110 0	11998 8	200 0	-60.5	99 9	307 8	24 6	19 5	-15 1	337 0	999 9	99 9	999 9	25 0	146
46 3	115 2	12821 8	175 0	-63 8	99 9	307 0	21 8	17 4	-13 1	344 6	999 9	99 9	999.9	29 5	142
50 2	121 2	13777 5	150 0	-62.0	99 9	302 5	19 4	16 3	-10 4	363 2	999 9	99 9	999 9	33 8	140
54 4	127 7	14906 6	125.0	-62 5	99 9	298 8	19 2	16 8	-9 3	381 8	999 9	99 9	999 9	38 5	137
59 5	135.0	16283.4	100 0	-61 8	99 9	306 9	15 8	12 6	-9 5	408 4	999 9	99 9	999 9	43 7	136
66 1	143 7	18066 0	75 0	-61 0	99 9	317 8	11 7	7 9	-8 7	445 0	999 9	99 9	999 9	49 4	135
74 6	153.7	20807 9	50.0	-59 7	99 9	299 9	5 3	4 7	-2 6	502 9	999 9	99 9	999 9	52 7	136
87 7	164.7	25033 2	25.0	-51.5	99 9	999 9	99 9	99 9	99 9	636 9	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 349
MONETT MISSOURI

1 MAY 1982
1100 GMT

141 54 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	438.0	971.9	11.8	10.0	40.0	1.6	-1.0	-1.2	287.1	307.6	8.0	90.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	12.0	829.9	950.0	13.3	8.0	62.9	4.1	-4.1	-0.5	290.7	309.4	7.1	70.2	0.2	243
1.6	14.6	854.0	925.0	11.9	7.4	61.3	3.0	-2.7	-1.5	291.5	310.0	7.0	73.8	0.4	250
2.4	17.	1083.2	900.0	10.2	7.8	44.7	2.6	-1.8	-1.8	292.0	311.5	7.4	85.1	0.5	244
3.3	19.7	1317.0	875.0	7.9	7.0	24.3	1.8	-0.7	-1.6	292.0	311.1	7.2	93.8	0.6	241
4.2	22.3	1556.1	850.0	6.4	5.7	320.0	1.0	0.6	-0.7	292.8	311.0	6.8	95.7	0.7	236
4.9	24.8	1800.8	825.0	5.1	4.4	288.1	1.1	1.0	-0.3	294.0	311.2	6.4	95.2	0.7	233
5.9	27.5	2052.1	800.0	4.0	3.3	252.6	3.4	3.2	1.0	295.5	312.0	5.1	95.0	0.6	228
6.9	30.2	2310.9	775.0	4.3	3.6	237.8	4.9	4.2	2.6	298.5	316.1	6.4	94.9	0.3	213
7.8	32.9	2578.0	750.0	3.4	2.2	250.2	3.2	3.0	1.1	300.3	317.0	6.0	91.9	0.1	174
8.8	35.6	2853.3	725.0	2.6	0.0	256.4	4.8	4.7	1.1	302.3	317.2	5.3	83.4	0.3	118
9.9	38.3	3136.7	700.0	.6	-1.3	262.8	4.0	3.9	0.5	303.1	317.2	5.0	87.2	0.5	83
10.9	41.1	3428.2	675.0	-1.2	-2.7	294.1	4.3	3.9	-1.8	304.4	317.7	4.7	89.1	0.7	93
12.1	44.0	3728.3	650.0	-3.5	-4.3	291.7	5.4	5.0	-2.0	305.0	317.4	4.3	94.8	1.1	99
13.3	46.8	4038.1	625.0	-5.0	-5.6	300.1	5.9	5.1	-2.9	306.8	318.5	4.0	94.9	1.5	103
14.4	49.8	4356.8	600.0	-8.8	-25.7	313.1	6.3	4.8	-4.3	306.0	308.5	0.8	23.8	1.9	108
15.6	52.7	4686.1	575.0	-9.1	-29.4	318.1	7.5	5.0	-5.6	309.4	311.3	0.6	17.3	2.3	114
16.7	55.6	5029.7	550.0	-10.0	-17.3	309.2	8.6	6.7	5.4	312.2	317.8	1.8	55.3	2.8	118
18.1	58.8	5387.1	525.0	-12.5	-20.0	309.6	7.6	5.8	-4.8	313.4	318.1	1.5	53.5	3.5	120
19.4	61.9	5757.8	500.0	-15.5	-20.0	295.1	6.8	6.2	-2.9	314.2	319.1	1.6	68.0	4.1	121
20.9	65.0	6143.6	475.0	-17.4	-33.6	286.3	6.1	5.9	-1.7	316.5	318.1	0.5	22.7	4.6	119
22.4	68.3	6546.6	450.0	-20.2	-39.0	286.0	7.0	6.7	-1.9	317.9	318.9	0.3	16.7	5.2	118
24.1	71.6	6967.7	425.0	-23.2	-39.9	283.2	9.9	9.6	-2.3	319.2	320.2	0.3	19.9	6.0	116
25.9	75.1	7408.6	400.0	-26.2	-41.4	282.5	11.7	11.4	-2.5	320.9	321.8	0.2	22.3	7.1	114
27.8	78.7	7872.9	375.0	-29.4	-42.7	285.4	13.9	13.4	-3.7	322.7	323.5	0.2	26.1	8.6	112
29.6	82.3	8362.2	350.0	-32.7	-49.3	280.5	14.3	14.1	-2.8	324.7	325.2	0.1	17.0	10.1	111
31.6	86.1	8879.6	325.0	-37.1	-46.3	276.1	16.7	16.6	-1.8	325.6	326.3	0.2	37.0	11.9	109
33.6	90.0	9427.5	300.0	-41.5	99.9	276.4	18.4	18.3	-2.1	326.8	999.9	99.9	999.9	14.0	107
35.8	94.2	10011.0	275.0	-47.1	99.9	273.9	19.9	19.9	-1.4	327.1	999.9	99.9	999.9	16.4	105
38.1	98.4	10635.6	250.0	-51.5	99.9	279.0	21.0	20.7	-3.3	329.4	999.9	99.9	999.9	19.2	104
40.6	103.0	11311.8	225.0	-56.7	99.9	276.8	21.8	21.6	-2.6	331.6	999.9	99.9	999.9	22.5	103
43.2	107.8	12049.6	200.0	-62.4	99.9	262.7	21.0	20.8	2.7	334.0	999.9	99.9	999.9	25.7	101
46.3	113.2	12865.8	175.0	-64.8	99.9	263.6	22.3	22.2	2.5	343.1	999.9	99.9	999.9	29.4	99
49.6	118.8	13801.7	150.0	-64.0	99.9	281.9	19.1	18.7	-4.0	359.9	999.9	99.9	999.9	33.6	98
53.6	125.2	14928.6	125.0	-60.6	99.9	283.7	15.0	14.6	-3.6	385.3	999.9	99.9	999.9	37.8	99
58.8	132.5	16312.7	100.0	-61.3	99.9	288.6	15.0	14.2	-4.8	409.3	999.9	99.9	999.9	42.0	99
65.1	141.0	18093.2	75.0	-58.4	99.9	314.2	9.4	6.7	-6.5	450.5	999.9	99.9	999.9	46.5	101
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10 1	438 0	872.6	14 2	10 4	60 0	1 8	-1 4	-0.8	289 7	311 0	8 2	78 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	12 5	838 9	950.0	14 4	7 2	97 7	4 6	-4 5	0 8	291 9	309 8	6 8	61 9	0 2	269
1 5	15 1	861 8	925.0	12 6	7 6	87 4	3 7	-3 7	-0 2	292 2	311 1	7 1	71 4	0 4	273
2 3	17 8	1091 4	900 0	10 6	7 7	79 4	2 5	-2 5	-0 5	292 4	311 9	7 4	82 4	0 6	269
3 2	20 2	1325 9	875 0	9 0	7 2	73 9	2 0	-1 9	-0 6	293 2	312 6	7 3	88 2	0 7	267
4 1	22 9	1565 8	850 0	7 3	6 2	68 0	1 5	-1 3	-0 5	293 8	312 5	7 0	93 1	0 8	266
5 0	25 6	1811 3	825 0	5 8	4 3	9 9	0 5	-0 1	-0 5	294 6	311 8	6 3	90 8	0 8	264
6 0	28 2	2062 8	800 0	3 9	3 1	297 0	2 9	2 5	-1 3	295 3	311 7	6 0	94 6	0 8	262
7 0	30 9	2321 1	775.0	4 8	0.5	294 5	5 9	5 4	-2 4	299 0	313 3	5 1	73 5	0 5	242
7 9	33 7	2588 8	750.0	4 1	2 7	269 8	4 8	4 8	0 0	301 1	318 4	6 2	90 4	0 4	205
8 9	36 4	2864 7	725.0	3 4	1 1	262 6	3 2	3 1	0 4	303 2	319 3	5 7	84 8	0 3	167
10 2	39 2	3149 1	700.0	1 7	-3 4	281 8	3 2	3 1	-0 7	304 4	316 6	4 3	69 1	0 4	138
11 3	42 0	3441 2	675 0	-0 9	-4 6	302 9	4 3	3 6	-2 3	304 7	316 3	4 0	75 9	0 6	129
12 4	44 9	3742 5	650.0	-1 2	-14 2	302 3	6 6	5 6	-3 5	307 6	313 6	2 0	36 4	1 0	128
13 7	47 8	4054 4	625 0	-2 9	-19 5	297 3	6 9	6 1	-3 1	309 1	313 2	1 3	26 4	1 6	125
15 0	50 8	4376 2	600 0	-5 3	-23 7	299 6	6 0	5 2	-2 9	309 9	313 0	0 9	22 1	2 0	123
16 2	53 6	4709 0	575.0	-7 4	-27 5	303 8	5 5	4 6	-3 1	311 3	313 6	0 7	18 2	2 5	123
17 6	56 6	5053 8	550 0	-9 1	-24 7	307 4	6 1	4 9	-3 7	313 3	316 4	1 0	27 8	2 9	123
19 0	59 6	5411 8	525 0	-12 1	-19 1	297 2	6 5	5 8	-3 0	313 6	318 9	1 6	56 2	3 5	124
20 3	62 9	5782 6	500.0	-15 6	-18 5	277 9	6 2	6 2	-0 9	314.0	319 6	1 8	78 1	3 9	122
21 8	66 1	6167 9	475 0	-18 3	-22 1	290 5	7 1	6 6	-2.5	315 3	319 8	1 4	74 2	4 4	119
23 4	69 5	6570 6	450 0	-20 1	-34 5	304 5	8 1	6 6	-4 8	318 0	319 6	0 4	26 1	5 2	119
24 9	72 9	6991 7	425 0	-23 3	-34 3	299 0	10 4	9 1	-5 0	319 1	320 8	0 5	35 7	6 0	120
26 4	76 3	7433 1	400 0	-25 9	-36 9	292 6	12 0	11 1	-4 7	321 3	322 4	0 3	28 3	7 0	119
28 4	80 0	7897 6	375.0	-29 1	-42 6	294 5	11 9	10 9	-5 0	323 1	323 9	0 2	25 5	8 4	118
30 3	83 7	8387 9	350 0	-32 5	-45 3	292 0	13 0	12 0	-4 9	324 9	325 6	0 2	26 3	9 8	117
32 3	87 5	8906 0	325.0	-36 7	-48 6	279 7	13 9	13 7	-2 3	326 1	326 6	0 1	27 7	11 4	116
34 1	91 5	9454 8	300 0	-41 6	99 9	272 8	14 6	14 5	-0 7	326 7	999 9	99 9	999 9	12 9	113
36 1	95 7	10038 9	275 0	-46 2	95 9	272 6	17 2	17 2	-0 9	328 3	999 9	99 9	999 9	14 6	111
38 5	100 2	10664 6	250 0	-51 8	99 9	276 3	18 3	18 2	-2 0	329 0	999 9	99 9	999 9	17 1	108
40 9	104 8	11340 9	225 0	-56 7	99 9	270 8	20 0	20 0	-0 3	331 6	999 9	99 9	999 9	19 8	107
43 6	109 8	12077 0	200.0	-62 9	99 9	261 8	20 7	20 4	2 9	333 1	999 9	99 9	999 9	22 9	103
46 5	115 0	12893 0	175.0	-65 0	99 9	274 3	20 4	20 4	1 5	342 7	999 9	99 9	999 9	26 4	101
49.8	121 0	13836 5	150 0	-62 5	99 9	289 9	17 2	16 2	-5 8	362 4	999 9	99 9	999 9	30 0	102
53 4	127 5	14874 9	125 0	-60 5	99 9	284 5	13 8	13 3	-3 5	385 5	999 9	99 9	999 9	33 4	102
57.9	135 0	16354 4	100 0	-61 6	99 9	297 7	12 8	11 3	-5 9	408 7	999 9	99 9	999 9	36 8	103
63 4	143 5	18151 9	75.0	-57 9	99.9	305 2	8 5	6 9	-4 9	451 5	999 9	99 9	999 9	40 3	105
71 3	153 5	20723 9	50.0	-56 3	99 9	312 5	5 7	4 2	-3 9	510 8	999 9	99 9	999 9	42 9	108
83 1	164 0	25170 7	25.0	-51 0	99 9	999 9	99 9	99 9	99 9	638 0	999 9	99 9	999 9	41 8	109

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 349
MONETT, MISSOURI

1 MAY 1982
1800 GMT

160 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.3	438.0	972.0	18 2	10 8	60 0	2 6	-2.3	-1 3	293 7	315 9	8 4	62 0	0 0	0
99 9	99.9	99.9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 9	11.6	638.3	950.0	15 9	8 5	51 0	2 5	-2 0	-1 6	292 4	312 0	7 4	65 0	0 2	227
1 6	14.1	863.4	925.0	12 7	8 1	77 5	1 7	-1 7	-0 4	292 3	311 8	7 4	73 9	0 2	230
2 6	16 7	1093.0	900.0	10 7	6 7	122 2	2 0	-1 7	1 0	292 6	313 4	7 9	87 1	0 3	244
3 6	19.2	1327.4	875 0	8 7	7 8	135 2	2 4	-1 7	1 7	292 8	313 0	7 6	94 3	0 4	264
4 3	21.8	1568.9	850.0	6 9	6 1	146 7	2 1	-1 1	1 8	293 4	311 9	7 0	94 7	0 5	274
5 3	24.4	1812.0	825.0	5 1	4 3	186 9	3 1	0 4	3 1	294 0	311 1	6 3	94 4	0 5	288
6 2	27 1	2063.1	800.0	3.8	2 9	189 6	3 4	0 6	3 3	295 2	311 3	5 9	94 2	0 6	310
7 1	29 8	2321.1	775.0	2 8	1 0	245 3	3 2	2 9	1 3	296 8	311 5	5 3	88 2	0 6	323
8 2	32.4	2587.4	750.0	3 2	1 6	254 8	5 0	4 8	1 3	300 1	316 0	5 7	88 9	0 5	348
9 1	35 2	2862.4	725.0	2 2	-1 9	247 3	5 2	4 8	2 0	301 9	315 0	4 6	73 8	0 6	14
10 2	37 9	3145.4	700 0	0 6	-4 3	247 4	4 5	4 2	1 7	303 2	314 6	4 0	69 7	0 9	31
11 2	40 7	3437 2	675.0	-0 8	-4 8	263 4	3 9	3 9	0 5	304 7	316 2	4 0	74 3	1 1	40
12 3	43 5	3737 6	650.0	-2 6	-19 1	313 2	4 3	3 1	-2 9	306 0	310 3	1 4	28 7	1 2	51
13 3	46.3	4048.2	625 0	-3 2	-25 4	328 8	5 2	2 7	-4 4	308 8	311 3	0 8	16 0	1 2	85
14 6	49 3	4369.9	600.0	-5 1	-27 0	327 7	5 9	3 1	-5 0	310 2	312 5	0 7	16 0	1 3	84
15 9	52.3	4702 8	575 0	-7 2	-28 5	320 2	5 7	3 7	-4 4	311 6	313 7	0 6	16 1	1 6	98
17 2	55 3	5048 1	550 0	-9 6	-20 9	315 8	6 2	4 3	-4 4	312 7	316 9	1 3	39 1	2 0	107
18 5	58.4	5405.6	525.0	-12 5	-19 5	285 7	6 1	5 9	-1 7	313 5	318 4	1 5	55 4	2 4	110
19 8	61 5	5777.4	500.0	-13 9	-34 2	285 3	6 7	6 5	-1 8	316 2	317 6	0 4	15 9	2 9	107
21 3	64 6	6165 0	475 0	-16 7	-35 3	295 4	6 8	6 2	-2 9	317 3	318 6	0 4	18 2	3 5	109
22 8	67 9	6568.0	450 0	-20 4	-33 3	291 7	7 2	6 7	-2 7	317 6	319 4	0 5	30 4	4 1	109
24 4	71 3	6988.5	425.0	-23.8	-36 5	290 2	9 4	8 8	-3 2	318 5	319 9	0 4	30 3	4 9	110
26 1	74 7	7428.9	400.0	-26.6	-42 2	286 9	11 9	11 4	-3 5	320 4	321 2	0 2	21 3	6 0	109
27 7	78 3	7891.8	375 0	-29.8	-44 8	290 4	11 0	10 3	-3 8	322 1	322 8	0 2	21 4	7 2	109
29 6	82 0	8379 6	350 0	-33 2	-47 7	288 2	12 6	12 0	-3 9	323 9	324 5	0 1	21 6	8 4	110
31 4	85 8	8895.9	325 0	-37 5	-51 3	277 5	14 5	14 4	-1 9	325 1	325 5	0 1	21 8	9 9	108
33 4	89 8	9442.6	300 0	-42 4	99 9	279 3	16 2	16 0	-2 6	325 6	999 9	99 9	999 9	11 7	106
35 5	94 0	10024.9	275.0	-46 9	99 9	280 0	16 9	16 6	2 9	327 3	999 9	99 9	999 9	13 7	106
37 7	98 3	10649 9	250 0	-51 8	99 9	271 2	18 0	18 0	-0 4	329 0	999 9	99 9	999 9	16 0	104
40 0	103.0	11325 5	225.0	-56 7	99 9	260 0	20 1	19 8	3 5	331 7	999 9	99 9	999 9	18 4	102
42 4	107 8	12061.6	200.0	-62 5	99 9	270 2	20 8	20 8	-0 1	333 8	999 9	99 9	999 9	21 4	99
45 0	113 2	12881.0	175.0	-63 8	99 9	287 0	17 2	16 4	-5 0	344 7	999 9	99 9	999 9	24 4	99
48 0	119.0	13831.9	150 0	-61 6	99 9	289 5	14 6	13 8	-4 9	364 0	999 9	99 9	999 9	27 0	100
51.4	125 3	14988 0	125.0	-60 2	99 9	286 2	13 2	12 7	-3 7	385 9	999 9	99 9	999 9	29 9	101
55 3	132 7	16355 0	100 0	-61 1	99 9	292 6	14 0	12 9	-5 4	409 8	999 9	99 9	999 9	33 1	101
60 6	141.3	18160.4	75.0	-57.4	99 9	299 9	8 2	7 1	-4 1	452 5	999 9	99 9	999 9	38 3	103
67 6	151 5	20728 0	50 0	-50 7	99 9	334 4	3 6	1 6	-3 3	509 8	999 9	99 9	999 9	38 2	105
78 7	163 0	25195 5	25 0	-49 1	99 9	999 9	99 8	99 9	99 9	643 5	999 9	99 9	999 9	38 3	106

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO 349
MONETT, MISSOURI

1 MAY 1982
2100 GMT

155 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	0 6	438 0	971 6	18 4	11 9	150 0	2 1	-1 1	1 8	294 0	317 9	9 1	66 0	0 0	0
99 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	11 6	829 9	950.0	16 2	8 8	196 5	0 9	0 3	0 9	293 6	313 5	7 5	61 5	0 0	4
1 4	14 4	856 0	925.0	13 7	8 3	133 0	1 5	-1 1	1 0	293 3	313 1	7 5	70 0	0 1	342
2 2	17 0	1086 3	900.0	11.6	8 0	155 0	2 0	-0 8	1 8	293 4	313 4	7 5	78 6	0 1	318
3 0	19 6	1321 3	875.0	9 3	7 2	193 0	2 8	0 6	2 7	293 4	312 9	7 3	86 5	0 2	339
3 8	22 2	1561 5	850.0	7 4	6 3	202 9	2 9	1 1	2 7	293 9	312 8	7 1	92 5	0 4	355
4 6	24 8	1807 0	825.0	5 7	5 1	204 9	3 1	1 3	2 8	294 6	312 6	6 7	95 6	0 5	4
5 5	27 4	2059 0	800.0	4 8	4 1	204 3	2 6	1 1	2 4	296 2	313 8	6 5	95 7	0 6	9
6 4	30 1	2317 8	775.0	3 7	3 0	243 1	2 8	2 5	1 3	297 8	314 7	6 2	95 5	0 7	11
7 5	32 9	2584 6	750.0	3 4	1 1	271 4	5 2	5 2	-0 1	300 3	315 7	5 5	84 5	0 8	30
8 3	35 6	2859 5	725.0	2 0	-1 9	268 8	5 5	5 5	0 0	301 7	314 8	4 6	75 3	1 0	44
9 2	38 3	3142 2	700.0	0 2	-4 1	283 0	4 7	4 6	-1 1	302 7	314 2	4 0	72 8	1 2	54
10 3	41 2	3431 9	675.0	-4 6	-26 6	308 3	[illegible]	3 [illegible]	-2 4	300 5	302 5	0 6	16 0	1 4	64
11 3	44 0	3728 3	650.0	-5 2	-27 0	304 3	3 1	2 6	-1 8	303 1	305 2	0 6	16 0	1 5	72
12 5	46 9	4036 4	625.0	-5 2	-27 0	315 9	2 7	1 9	-1 9	306 5	308 7	0 7	16 0	1 6	77
13 5	49 8	4357 3	600.0	-5 5	-27 1	327 3	3 7	2 0	-3 1	309 8	312 1	0 7	16 3	1 7	84
14.8	52 8	4680 2	575.0	-7 1	-28 2	321 4	5 1	3 2	-4 0	311 7	313 9	0 6	16 5	1 9	93
16 0	55 8	5035 2	550.0	-9 9	-29 3	314 0	6 2	4 4	-4 3	312 3	316 7	1 4	42 0	2 2	101
17 1	58 8	5392 3	525.0	-12.8	-16 9	294 1	7 5	6 8	-3 0	313 1	319 1	1 9	71 3	2 6	105
18 5	62 0	5763 2	500.0	-14 4	-35.6	291 1	7 8	7 3	-2 8	315 5	316	0 4	14 5	3 2	106
19 8	65 1	6150 5	475.0	-16.5	-36 3	292 4	7 7	7 2	-2 9	317 5	318	0 4	16 1	3 8	107
21 3	68 4	6554 1	450.0	-20 1	-37 0	293 7	7 5	6 8	-3 0	318 0	319 2	0 3	20 3	4 5	107
22 7	71 8	6975 0	425.0	-23.4	-40 5	309 3	9 6	7 4	-6 1	319 0	319 9	0 3	19 0	5 1	110
24 [illegible]	5.1	7415 7	400.0	-26 8	-42 3	303 9	10 6	8 8	-5 9	320 2	321 0	0 2	21 3	6 0	113
25 7	78 7	7878 6	375.0	-30 0	-44 3	290 4	10 1	9 4	-3 5	321 8	322 6	0 2	23 3	7 0	113
27 4	82 4	8366 7	350.0	-33 7	-47 0	289 3	11 2	10 6	-3 7	323 4	323 9	0 2	24 5	8 0	113
29 1	86 1	8881 7	325.0	-38 0	-50 8	284 0	14 0	13 6	-3 4	324 3	324 8	0 1	24 4	9 3	112
30 8	90 0	9426 8	300.0	-41 7	99 9	273 1	15 2	15 2	-0 8	328 6	999 9	99 9	999 9	10 [illegible]	110
32 [illegible]	94 2	10011 8	275.0	[illegible]7 1	99 9	273 4	15 7	15 7	-0 9	327 0	999 9	99 9	999 9	12 5	107
34 9	98 4	10636 0	250.0	-52 0	99 9	276 4	16 3	16 [illegible]	-2 9	328 8	999 9	99 9	999 9	14 6	106
37 [illegible]	103.9	11310 8	225.0	-57.0	99 9	269 8	19 0	19 0	0 1	331 2	999 9	99 9	999 9	17 0	104
39 4	107 8	12048 7	200.0	-61 3	99 9	279 6	17 8	17 5	-3 0	335 7	999 9	99 9	999 9	19 7	102
41 9	112 8	12874 5	175.0	-67 5	99 9	289 9	14 6	13 7	-5 0	346 9	999 9	99 9	999 9	22 0	103
44 9	118 5	13829 0	150.0	-61 4	99 9	287 9	14 6	13 [illegible]	-4 5	364 4	999 9	99 9	999 9	24 8	103
48 4	124 5	14984 4	125.0	-59 2	99 9	287 1	15 2	14	-4 5	387 8	999 9	99 9	999 9	27 7	104
52 6	131 3	16354 0	100.0	-60 1	99 9	293 9	13 8	12	-5 8	411 7	999 9	99 9	999 9	31 7	105
57 9	139 0	18159 2	75.0	-59 7	99 9	292 2	9 2	8 5	-3 5	447 7	999 9	99 9	999 9	35 1	106
65 0	147 7	20729 5	50.0	-55.3	99 9	331 8	6 0	2 8	-5 3	513 3	999 9	99 9	999 9	37 [illegible]	107
76 4	157.3	25208 7	25.0	-49 8	99 9	201 3	5 7	2 [illegible]	5 3	642 0	999 9	99 9	999 9	37 5	110

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

STATION NO. 349
MONETT, MISSOURI

1 MAY 1982
2300 GMT

164 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	438.0	970.5	17.8	12.5	300.0	2.1	1.8	-1.0	293.5	318.2	9.4	71.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	11.8	820.5	950.0	16.4	9.2	305.1	2.3	1.9	-1.3	293.8	314.4	7.8	82.6	0.1	125
1.4	14.4	846.8	925.0	14.0	8.6	309.9	1.4	1.1	-0.9	293.6	313.9	7.6	69.9	0.2	125
2.3	17.0	1077.3	900.0	11.9	8.8	270.5	0.6	0.6	-0.0	253.8	314.9	7.9	81.0	0.2	127
3.2	19.7	1313.0	875.0	10.2	7.3	204.0	0.9	0.4	0.8	294.4	314.0	7.4	82.0	0.2	119
4.0	22.3	1554.0	850.0	8.6	6.6	211.3	0.8	0.4	0.7	295.1	314.5	7.2	87.3	0.2	105
4.9	24.9	1800.5	825.0	6.7	5.4	211.9	1.7	0.9	1.5	295.7	314.2	6.8	91.2	0.2	98
5.8	27.7	2053.6	800.0	5.8	4.6	207.3	2.8	1.3	2.4	297.1	315.6	6.7	91.8	0.3	72
6.7	30.3	2313.1	775.0	3.8	2.9	222.9	2.3	1.6	1.7	298.0	314.7	6.1	93.6	0.4	61
7.6	33.1	2579.2	750.0	2.3	1.2	253.3	3.0	2.9	0.9	299.1	314.6	5.6	92.1	0.6	59
8.7	35.9	2853.4	725.0	1.7	-2.2	275.0	4.4	4.3	-0.4	301.3	314.1	4.5	75.3	0.8	69
9.7	38.7	3135.0	700.0	-1.4	-19.2	288.7	4.0	3.8	-1.3	301.0	304.8	1.3	25.2	1.0	76
10.7	41.5	3423.3	675.0	-3.0	-26.3	299.9	4.4	3.8	-2.2	302.3	304.4	0.7	14.5	1.2	84
11.8	44.4	3722.8	650.0	-1.3	-24.8	293.9	4.8	4.4	-1.9	307.6	310.1	0.8	14.6	1.5	90
12.9	47.3	4035.1	625.0	-2.2	-25.7	299.0	3.7	3.2	-1.8	309.9	312.4	0.7	14.4	1.8	94
14.1	50.3	4357.7	600.0	-4.6	-27.7	317.8	4.8	3.3	-3.6	310.8	312.9	0.6	14.4	2.0	98
15.3	53.3	4691.2	575.0	-6.9	-18.0	323.2	6.8	4.1	-5.4	311.9	317.0	1.6	40.6	2.3	106
16.6	56.4	5036.1	550.0	-10.3	-17.4	311.0	8.1	6.1	-5.3	311.9	31 .4	1.8	55.7	2.6	113
17.8	59.4	5392.8	525.0	-12.8	-20.8	302.8	8.9	7.5	-4.8	313.1	317.5	1.4	51.3	3.4	115
19.2	62.6	5764.1	500.0	-13.9	-35.9	301.7	8.8	7.4	-4.6	316.1	317.3	0.3	13.5	4.2	116
20.6	65.9	6151.8	475.0	-16.5	-36.3	297.2	7.7	6.9	-3.5	317.5	318.8	0.4	16.1	4.9	117
22.1	69.1	6555.5	450.0	-20.2	-38.3	312.7	6.5	4.8	-4.4	317.8	318.9	0.3	17.9	5.4	117
23.6	72.6	6976.1	425.0	-23.5	-41.4	317.8	9.0	6.1	-6.7	318.9	319.8	0.2	17.2	6.1	119
25.3	76.1	7416.6	400.0	-26.7	-41.2	308.6	12.1	9.4	-7.5	320.2	321.2	0.3	23.9	7.1	122
27.1	79.7	7878.8	375.0	-30.5	-42.2	290.7	12.4	11.6	-4.4	321.2	322.1	0.2	30.5	8.5	122
28.7	83.4	8365.2	350.0	-34.2	-46.5	284.2	11.7	11.4	-2.9	322.6	323.2	0.2	27.3	9.6	119
30.7	87.3	8879.3	325.0	-38.4	-52.0	284.7	13.0	12.6	-3.3	323.7	324.1	0.1	22.2	11.0	118
32.7	91.3	9424.4	300.0	-43.1	99.9	283.8	15.1	14.7	-3.6	324.7	999.9	99.9	999.9	12.6	116
34.8	95.5	10004.7	275.0	-47.9	99.9	261.4	17.3	17.0	-3.4	325.9	999.9	99.9	999.9	14.6	114
37.0	100.0	10627.9	250.0	-52.3	99.9	281.8	19.1	18.7	-3.9	328.3	999.9	99.9	999.9	17.1	112
39.5	104.8	11302.8	225.0	-56.3	99.9	282.9	16.9	16.5	-3.8	332.3	999.9	99.9	999.9	19.7	111
42.0	109.8	12044.3	200.0	-59.9	99.9	288.2	16.7	15.8	-5.2	337.9	999.9	99.9	999.9	22.2	110
44.8	115.2	12871.3	175.0	-62.9	99.9	292.0	18.2	16.9	-6.8	346.1	999.9	99.9	999.9	25.1	110
48.1	121.2	13825.9	150.0	-60.4	99.9	291.5	16.7	15.5	-6.1	366.1	999.9	99.9	999.9	28.5	110
52.0	128.0	14958.1	125.0	-60.6	99.9	298.2	16.2	14.3	-7.7	385.2	999.9	99.9	999.9	32.7	111
56.3	135.3	16344.6	100.0	-60.7	99.9	294.7	13.6	12.3	-5.7	410.4	999.9	99.9	999.9	36.4	112
62.1	144.3	18143.6	75.0	-60.2	99.9	307.0	9.9	7.9	-6.0	446.8	999.9	99.9	999.9	40.3	112
69.7	154.3	20705.7	50.0	-56.9	99.9	345.6	7.1	1.8	-6.9	509.4	999.9	99.9	999.9	43.3	114
80.9	165.0	25140.3	25.0	-50.8	99.9	149.5	5.7	-2.9	4.9	638.7	999.9	99.9	999.9	43.4	118

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONETT, MISSOURI

2 MAY 1982
230 GMT

TIME MIN	CONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	438.0	970.4	14.5	11.6	350.0	2.6	0.5	-2.6	290.1	313.3	8.9	83.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	12.1	618.8	950.0	15.8	9.9	23.1	2.1	-0.8	-1.9	293.2	314.6	8.1	67.9	0	195
1.5	14.6	844.9	925.0	14.1	8.2	17.0	0.8	-0.2	-0.8	293.7	313.5	7.4	67.6	0.2	199
2.3	17.2	1075.6	900.0	12.2	8.1	122.9	0.5	-0.4	0.3	294.1	314.3	7.6	76.4	0.2	198
3.0	19.8	1311.2	875.0	9.9	7.2	185.4	1.2	0.1	1.2	294.1	313.6	7.3	83.1	0.1	206
3.8	22.3	1551.9	850.0	8.1	6.5	210.6	1.3	0.6	1.1	294.6	313.9	7.2	89.8	0.1	211
4.7	24.9	1798.0	825.0	6.4	5.4	228.5	0.6	0.5	0.4	295.3	313.8	6.9	93.8	0.0	193
5.4	27.5	2050.8	800.0	5.5	2.9	284.9	1.2	1.1	-0.3	297.0	313.2	5.9	83.1	0.2	153
6.3	30.2	2309.6	775.0	3.4	1.8	259.5	2.3	2.3	0.4	297.5	313.0	5.7	89.5	0.1	115
7.0	32.9	2575.2	750.0	1.2	0.6	251.0	3.0	2.9	1.0	297.6	312.6	5.3	95.7	0.2	85
7.8	35.6	2849.0	725.0	3.5	-10.3	279.3	4.0	3.9	-0.6	303.3	311.4	2.8	42.6	0.4	88
8.7	38.3	3133.3	700.0	2.3	-15.2	295.0	4.7	4.2	-2.0	305.0	310.2	1.7	26.2	0.6	95
9.6	41.1	3425.7	675.0	0.2	-20.0	313.9	4.3	3.1	-3.0	305.9	309.5	1.2	20.0	0.9	104
10.7	43.9	3727.3	650.0	-1.4	-21.6	315.7	3.3	2.3	-2.4	307.4	310.7	1.0	19.7	1.0	111
11.7	46.8	4039.0	625.0	-2.9	-22.8	316.0	3.7	2.5	-2.6	309.1	312.3	1.0	19.8	1.2	114
12.7	49.7	4360.8	600.0	-5.6	-23.4	321.6	4.9	3.1	-3.9	309.7	312.8	1.0	23.0	1.5	119
13.7	52.6	4692.9	575.0	-8.4	-21.7	322.6	5.8	3.5	-4.6	310.1	313.8	1.2	33.2	1.8	123
14.9	55.6	5035.6	550.0	-11.8	-22.6	327.2	6.5	3.5	-5.5	310.0	313.6	1.1	40.4	2.2	127
16.1	58.7	5391.1	525.0	-12.3	-32.0	329.0	7.1	3.7	-6.1	313.6	315.3	0.5	17.4	2.6	131
17.3	61.8	5762.4	500.0	-14.6	-34.0	318.9	7.0	4.6	-5.2	315.2	316.7	0.4	17.3	3.2	134
18.5	64.9	6148.6	475.0	-17.6	-36.0	301.0	7.3	6.3	-3.8	316.2	317.5	0.4	18.2	3.6	132
19.8	68.1	6550.9	450.0	-20.9	-34.6	298.4	6.9	6.2	-3.1	317.0	318.5	0.4	27.7	4.2	131
21.2	71.6	6970.3	425.0	-24.5	-35.1	306.4	8.1	6.5	-4.8	317.6	319.1	0.4	36.7	4.8	129
22.7	75.0	7408.2	400.0	-28.5	-36.6	313.9	11.2	8.1	-7.8	317.9	319.3	0.4	45.4	5.6	130
24.2	78.6	7868.0	375.0	-31.3	-43.0	310.3	12.8	9.8	-8.3	320.2	321.0	0.2	30.3	6.6	130
25.7	82.2	8352.5	350.0	-35.6	-46.3	298.0	12.1	10.7	-5.7	320.7	321.3	0.2	32.0	7.9	130
27.2	86.0	8864.0	325.0	-39.2	-50.8	296.0	13.5	12.2	-5.9	322.7	323.1	0.1	27.8	9.0	128
28.8	90.0	9408.2	300.0	-42.8	99.9	308.4	13.2	10.3	-8.2	325.1	999.9	99.9	999.9	10.3	127
30.5	94.2	9986.1	275.0	-47.6	99.9	306.2	14.5	11.7	-8.3	326.4	999.9	99.9	999.9	11.6	127
32.3	98.6	10611.3	250.0	-53.1	99.9	298.6	16.4	14.4	-7.9	327.2	999.9	99.9	999.9	13.3	127
34.2	103.2	11281.4	225.0	-58.6	99.9	299.1	17.9	15.7	-8.7	328.7	999.9	99.9	999.9	15.3	125
36.3	108.2	12018.7	200.0	-61.1	99.9	296.4	18.8	16.2	-8.4	336.0	999.9	99.9	999.9	17.6	125
38.5	113.4	12840.2	175.0	-64.5	99.9	296.8	21.4	19.1	-9.7	343.5	999.9	99.9	999.9	20.1	123
40.6	119.0	13787.6	150.0	-61.4	99.9	303.0	20.4	17.1	-11.1	364.4	999.9	99.9	999.9	22.8	123
43.4	125.5	14917.9	125.0	-61.8	99.9	301.7	16.4	14.0	-8.6	383.1	999.9	99.9	999.9	26.0	123
47.0	132.7	16297.9	100.0	-61.5	99.9	304.4	13.3	11.0	-7.5	409.0	999.9	99.9	999.9	29.2	123
51.4	140.5	18078.2	75.0	-62.1	99.9	315.7	9.2	6.4	-6.6	442.8	999.9	99.9	999.9	32.1	123
57.7	149.3	20612.7	50.0	-59.2	99.9	355.0	5.0	0.4	-5.0	504.2	999.9	99.9	999.9	34.4	125
67.5	158.7	25018.2	25.0	-54.1	99.9	999.9	99.9	99.9	99.9	629.5	999.9	99.9	999.9	34.7	128

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 349
MONETT, MISSOURI

2 MAY 1982
501 GMT

155 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10.1	438.0	970.9	13.2	11 6	350 0	1.8	0.3	-1 6	288 8	311 7	8 9	90 0	0 0	0
99.9	99.9	99.9	1000.0	99.9	99 9	99.9	99.9	99 9	99 9	99.9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99 9	99.9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.7	12.2	622.7	950 0	15 4	9 1	28 2	2.3	-1 1	-2 0	292 8	313 1	7 7	66 2	0 2	177
1 4	14.8	848.6	925.0	14.1	8 2	48 8	1 2	-0 9	-0 8	293 8	313 5	7 4	67 2	0 3	186
2 2	17.3	1079.5	900.0	12.2	8.2	158 7	0 6	-0 3	0 6	294 1	314 4	7 6	76 4	0 3	191
3.0	19 9	1315.0	875 0	10 1	7 6	163 0	1 1	-0 3	1 1	294 3	314 4	7 5	84 5	0 2	195
3.8	22.5	1556.0	850 0	8 5	6.7	198.9	1 2	0 4	1 1	295 1	314.6	7 3	88 2	0 2	204
4.7	25.1	1802.6	825.0	6 9	4.9	999.9	99.9	99 9	99 9	295 9	313 9	6 6	86 9	0 1	187
5.6	27.8	2055.3	800 0	5 4	3 8	999 9	99.9	99 9	99 9	296 9	314 0	6 3	89 5	999 9	999
6.6	30.6	2314.2	775.0	3 1	1.8	999 9	99.9	99 9	99 9	297 2	312 6	5 6	91 2	999 9	999
7.4	33.3	2579.1	750.0	1 4	99.9	999 9	99.9	99 9	99 9	298 1	999 9	99 9	999 9	999 9	999
8.5	36.0	2853.0	725 0	2 7	99 9	999.9	99 9	99 9	99 9	302 5	999 9	99 9	999 9	999 9	999
9.5	38.8	3136.2	700 0	1 2	-13.8	999 9	99 9	99.9	99 9	303 8	309 5	1 9	31 8	999 9	999
10.6	41.6	3428.1	675.0	-0 2	-19.1	999 9	99 9	99 9	99 9	305 4	309 3	1 2	22 5	999 9	999
11 7	44.4	3728.9	650.0	-1 9	-17 7	999 9	99.9	99 9	99 9	306 8	311 3	1 5	28 7	999 9	999
12 7	47.3	4040.0	625 0	-3 7	-20.2	999.9	99 9	99 9	99 9	308 2	312 1	1 2	26 4	999 9	999
13.9	50.2	4360 9	600.0	-6.2	-20.5	999 9	99 9	99 9	99 9	308 9	312 9	1 2	31 1	999 9	999
14.9	53.1	4692.3	575 0	-8 6	-19 0	999.9	99 9	99 9	99 9	309 9	314 6	1 5	42 6	999 9	999
16.1	56.1	5034.8	550 0	-11 9	-24 6	999.9	99 9	99 9	99 9	310 0	313 0	0 9	33 7	999 9	999
17.3	59.3	5390.3	525.0	-12.6	-30 9	999 9	99.9	99 9	99 9	313 3	315 2	0 5	19 7	2 0	109
18 5	62.4	5761.5	500 0	-14 6	-33 1	319 0	4.5	2 9	-3 4	315 2	316 8	0 5	18 9	2 2	113
19.8	55.6	6147.8	475.0	-17 7	-35.1	304 7	6.9	5 7	-3 9	316 0	317 4	0 4	20 1	2 [illegible]	115
21.2	68.9	6549.7	450.0	-21 1	-35.0	308 5	8 6	6 8	-5 4	316 7	318 2	0 4	27 3	3 3	117
22.7	72.1	6968.7	425.0	-24 9	-34 7	317 5	8 9	6 0	-6 5	317 1	318 7	0 5	39 0	4 1	120
24 1	75.6	7406.9	400 0	-27 8	-40 7	321.1	10 1	6 3	-7 9	318 9	319 9	0 3	28 0	4 8	124
25.5	79.0	7867.8	375 0	-31 3	-45 3	321 7	11 5	7 1	-9 0	320 2	320 8	0 2	23 5	5 7	126
27.1	82.7	8354 1	350.0	-34 2	-48 4	328 2	13 6	7 2	-11 6	322 6	323 1	0 1	21 9	6 8	130
28.8	86.4	8868 5	325 0	-38.5	-51 0	322 4	14 7	8 9	-11 6	323 6	324 0	0 1	25 1	8 3	132
30.5	90.3	9413.2	300 0	-43 2	99 9	325 5	15.7	8 9	-12 9	324 5	999 9	99 9	999 9	9 8	134
32.4	94.5	9992.9	275 0	-48.3	99 9	328 2	17.0	9 0	-14 5	325 3	999 9	99 9	999 9	11 7	136
34.5	98.8	10613.2	250.0	-53 5	99 9	333 7	18.7	8 3	-16 7	326 6	999 9	99 9	999 9	13 8	139
36.8	103.3	11283.5	225 0	-58.2	99.9	333 1	20 9	9 4	-18 6	329 4	999 9	99 9	999 9	16 4	141
38.8	108.2	12018 7	200.0	-61.6	99 9	315 9	21.2	14 7	-15 2	335 3	999 9	99 9	999 9	18 9	142
41.0	113.2	12844 0	175 0	-62 6	99 9	308.1	22.2	17 5	-13 7	346 6	999 9	99.9	999 9	21 8	140
43.5	119.0	13795.8	150 0	-61 9	99.9	311 6	20 3	15 2	-13 4	363 5	999 9	99 9	999 9	24 9	139
46.4	125.0	14929.3	125.0	-61 5	99.9	305 0	14.4	11 8	-8 3	383 6	999 9	99 9	999 9	27 8	138
50.3	132.0	16307.0	100 0	-61.9	99 9	309 7	15 1	11 6	-9 6	408 1	999 9	99 9	999 9	31 4	136
55.2	139.7	18088.7	75 0	-60 4	99 9	306 4	9 4	7 6	-5 6	446 3	999 9	99 9	999 9	34 8	135
62.1	148.5	20629.8	50 0	-59 7	99 9	353 4	5 5	0 6	-5 5	502 8	999 9	99 9	995 9	37 7	135
73 6	158 5	25028.7	25.0	-55 5	99.9	348.6	3.3	0 7	-3 2	625 3	999 9	99 9	999 9	3[illegible] 6	139

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN [illegible]
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 349
MONETT, MISSOURI

2 MAY 1982
1100 GMT

155 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DLW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.8	438.0	970.9	13 3	9 9	40 0	1.6	-1 0	-1 2	288 9	309 5	7 9	80 0	0 0	0
99 9	99.9	99.9	1000.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
99 9	99 9	99.9	975.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	11 9	622.5	950.0	15 4	8 8	23.3	2.4	-0 9	-2.2	292 9	312 8	7 5	64.6	0.2	227
1 5	14 5	848.2	925.0	13 5	8 1	3 0	1 9	-0.1	-1 9	293 1	312 6	7 4	69.9	0 3	214
2 3	17.0	1078.4	900.0	11 6	7 3	328 1	1.9	1 0	-1 6	293 4	312 5	7 2	75 1	0 3	203
3 0	19 5	1313.9	875.0	10 2	6 1	312 0	2.1	1.6	-1 4	294 3	312 5	6 8	75 8	0 4	189
3.8	22 1	1554.4	850.0	8 2	5.6	285 2	2.6	2 5	-0.7	294 7	312 9	6 8	83 9	0.4	177
4 9	24.7	1800.7	825.0	6 4	5.4	245 3	4.1	3 8	1 7	295 4	313 8	6 9	93.4	0 4	150
5 7	27 3	2053.2	800.0	5 1	4 3	243 2	5.9	5 2	2 8	296 6	314 3	6 5	94 3	0.5	120
6 6	30.0	2312.1	775.0	3 4	2.5	253.5	6.4	6.1	1 8	297 5	313 8	5 9	93 9	0.8	99
7.5	32 7	2577.8	750.0	1 6	0.9	268 9	5 9	5.9	0 1	298 4	313 4	5 4	94 6	1 1	92
8 5	35.3	2851.0	725.0	0.5	-6 0	292 8	6.9	6 3	-2 7	300 1	310 1	3.5	63 0	1 4	96
9.5	38.0	3131.5	700.0	0 3	-21.6	294 1	6.0	5 5	-2 5	302 8	305 8	1.0	17 4	1 8	100
10 6	40 8	3424.1	675.0	0 7	-21 8	302 3	5 9	5.0	-3 1	306 4	309 6	1 0	16 6	2 2	103
11.7	43.7	3725.9	650.0	-1.7	-18 3	309.4	6.7	5 2	-4 3	307 0	311 3	1 4	26.8	2 6	106
12 7	46.4	4036.3	625.0	-4 7	-19 5	311 0	6.7	5 0	-4 4	307 1	311 2	1 3	30 1	3 0	110
13.8	49 3	4356.2	600.0	-6 8	-24.0	313 3	4.2	3.1	-2 9	308 3	311 2	0 9	23 9	3.3	112
15.0	52.3	4687.5	575.0	-8 3	-28 9	340.2	2 5	0.8	-2 3	310 2	312 2	0 6	17 1	3 5	114
16.3	55.3	5031.2	550.0	-9.9	-30 5	339 6	3 6	1 2	-3 4	312 3	314 1	0 5	16 7	3 6	117
17.5	58.3	5388.5	525.0	-12.2	-32 3	322.9	6.4	3 8	-5.1	313 8	315 4	0.5	16 8	3 9	119
18 9	61 4	5759.3	500.0	-15 3	-34 2	320 5	8.0	5.1	-6 2	314 4	315 8	0.4	18 0	4 5	122
20.4	64.5	6144.3	475.0	-18 5	-35 3	319.8	8.4	5 4	-6 4	315 0	316 4	0 4	21 1	5 2	125
21 8	67 6	6544.8	450.0	-22 1	-35 8	326 1	8 1	4 5	-6 7	315 4	316 8	0 4	27 4	5 9	127
23 5	71 0	6963.0	425.0	-23 5	-40.9	333 5	10.0	4.4	-8 9	318 9	319 7	0 2	18 3	6 7	130
24 9	74.3	7403.8	400.0	-26.5	-43 1	332 2	12 1	5.7	-10 7	320 6	321 3	0.2	19 1	7.6	133
26 7	77.9	7867.1	375.0	-29 8	-45 8	324.2	13 7	8 0	-11 1	322 2	322 8	0.2	19.1	8.9	135
28.6	81 4	8354.9	350.0	-33 9	-48 4	327 4	15.1	8.1	-12 7	323 0	323 5	0.1	21.4	10.6	136
30 5	85.2	8869 2	325.0	-38 4	-50.1	328 6	16.0	8.3	-13 6	323 7	324 2	0.1	27 7	12.3	138
32.7	89.1	9413.8	300.0	-43 1	99.9	324.3	18.0	10.5	-14.6	324 7	999 9	99.9	999.9	14.4	139
34 9	93.2	9994.8	275.0	-47 4	99 9	324 3	21.1	12.3	-17 1	326 6	999 9	99 9	999.9	17.0	140
37 2	97 4	10616.1	250.0	-52.4	99 9	331.4	23 1	11 0	-20 3	328 1	999 9	99.9	999.9	20 2	141
39.8	101.8	11292.0	225.0	-57 0	99 9	335.8	26.7	10 9	-24 4	331 2	999 9	99 9	999 9	23 9	143
42.6	106 7	12028.6	200.0	-62 0	99.9	333 4	25.6	11 4	-22 9	334 6	999.9	99.9	999 9	28 3	145
45 5	111.8	12849.6	175.0	-64 4	99 9	322.0	25.0	15.1	-19.9	343 7	999 9	99 9	999 9	32 6	146
49 0	117 5	13803.7	150.0	-61 2	99 9	313 6	19.9	14 4	-13.7	364 7	999 9	99 9	999 9	37 4	145
53 [illegible]	123.5	14938.1	125.0	-60 6	99 9	307 0	18 8	15 0	-11 3	385 2	999 9	99.9	999 9	41 9	143
57 9	130.3	16327.3	100 0	-61 2	99 9	316 5	15 3	10.6	-11 1	409 6	999 9	99 9	999 9	47 0	142
64.0	138.3	18118.3	75.0	-60 8	99 9	319 9	11 4	7 3	-8 7	445 6	999 9	99 9	999 9	51 8	141
71.7	147.0	20672.9	50.0	-57 0	99 9	317.8	6 5	4.4	-4 8	509 2	999 9	99 9	999 9	55 8	142
83.8	157.0	25110.6	25.0	-51 8	99.9	109.9	4 2	-4 0	1 4	635 6	999 9	99 9	999 9	55 4	145

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

1 MAY 1982
1100 GMT

157 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	392.0	976.6	13.3	10.5	[illegible]	2.6	-0.5	-2.6	288.4	309.6	8.2	83.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.3	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	9.6	405.9	975.0	13.5	11.0	999.9	99.9	99.9	99.9	288.7	310.6	8.5	84.8	999.9	999
0.9	12.3	625.1	950.0	12.9	11.9	999.9	99.9	99.9	99.9	290.3	314.4	9.3	93.3	999.9	999
1.5	15.0	849.1	925.0	11.2	10.2	999.9	99.9	99.9	99.9	290.7	312.9	8.5	93.5	999.9	999
2.3	17.8	1078.2	900.0	10.1	8.9	999.9	99.9	99.9	99.9	292.0	313.0	8.0	92.0	999.9	999
3.2	20.6	1312.3	875.0	8.5	7.5	999.9	99.9	99.9	99.9	292.7	312.4	7.4	92.8	999.9	999
4.0	23.3	1552.1	850.0	7.9	7.4	999.9	99.9	99.9	99.9	294.5	314.9	7.7	96.8	999.9	999
4.7	26.0	1798.7	825.0	7.5	7.0	999.9	99.9	99.9	99.9	296.5	317.1	7.7	96.5	999.9	999
5.7	28.9	2052.3	800.0	6.5	5.9	999.9	99.9	99.9	99.9	298.1	317.9	7.3	96.0	999.9	999
6.5	31.7	2313.1	775.0	5.8	5.6	999.9	99.9	99.9	99.9	300.0	317.7	6.4	85.9	999.9	999
7.4	34.5	2581.8	750.0	4.6	1.7	254.9	7.6	7.4	2.0	301.6	317.9	5.8	81.6	0.4	177
8.3	37.3	2857.4	725.0	2.8	-3.0	244.7	8.1	7.3	3.4	302.5	314.6	4.2	65.4	0.5	123
9.4	40.2	3140.9	700.0	1.0	-1.3	247.0	7.7	7.1	3.0	303.6	317.8	5.0	85.0	0.9	92
10.3	43.0	3432.4	675.0	-1.4	-1.8	259.8	7.3	7.2	1.3	304.1	318.3	5.0	96.7	1.3	86
11.4	45.9	3733.1	650.0	-2.6	-4.4	262.7	6.4	6.4	0.8	306.1	318.4	4.3	87.5	1.7	86
12.6	48.9	4043.5	625.0	-4.7	-5.6	262.8	5.8	5.7	0.7	307.1	318.9	4.0	93.3	2.1	85
13.8	51.9	4364.2	600.0	-6.5	-7.3	264.9	5.3	5.2	0.5	308.6	319.6	3.7	93.9	2.5	85
14.8	54.9	4695.6	575.0	-9.0	-9.6	249.8	4.6	4.3	1.6	309.5	319.0	3.2	95.0	2.9	85
15.9	58.0	5039.3	550.0	-10.5	-15.2	227.7	4.5	3.3	3.0	311.6	318.2	2.1	68.1	3.1	82
17.1	61.1	5396.6	525.0	-11.7	-18.6	239.9	3.6	3.1	1.8	314.3	319.6	1.7	56.9	3.4	79
18.6	64.4	5769.2	500.0	-14.1	-22.6	276.6	2.6	2.6	-0.3	315.9	319.9	1.2	48.1	3.6	79
20.0	67.4	6156.6	475.0	-16.7	-23.7	294.8	3.0	2.7	-1.2	317.3	321.2	1.2	54.5	3.8	80
21.5	70.7	6560.7	450.0	-19.5	-27.9	316.7	3.7	2.5	-2.7	318.7	321.5	0.9	47.3	4.0	84
23.0	74.1	6983.4	425.0	-22.0	-34.6	328.2	3.0	1.6	-2.5	320.7	322.4	0.5	31.0	4.2	87
24.6	77.6	7426.7	400.0	-25.4	-40.3	334.9	4.2	1.8	-3.8	322.0	323.0	0.3	23.1	4.3	91
26.4	81.1	7890.8	375.0	-29.6	-36.8	303.2	5.1	4.3	-2.8	322.5	324.0	0.4	48.9	4.6	96
28.3	84.9	8380.4	350.0	-32.8	-41.2	278.7	5.9	5.9	-0.9	324.5	325.6	0.3	42.5	5.2	97
30.0	88.7	8897.3	325.0	-37.3	-45.0	276.8	6.4	6.4	-0.8	325.3	326.0	0.2	44.3	5.9	97
31.8	92.5	9444.7	300.0	-42.0	99.9	274.4	8.2	8.2	-0.6	326.2	999.9	99.9	999.9	6.6	97
34.0	96.7	10027.4	275.0	-47.0	99.9	273.9	8.6	8.6	-0.6	327.1	999.9	99.9	999.9	7.8	96
36.2	101.0	10650.3	250.0	-52.9	99.9	278.7	8.5	8.4	-1.3	327.5	999.9	99.9	999.9	8.9	96
38.5	105.5	11323.2	225.0	-58.1	99.9	267.5	9.7	9.7	0.4	329.5	999.9	99.9	999.9	10.1	96
40.9	110.2	12054.1	200.0	-64.1	99.9	263.5	11.4	11.3	1.3	331.2	999.9	99.9	999.9	11.6	95
43.4	115.2	12869.8	175.0	-64.2	99.9	265.2	12.6	12.5	1.1	344.0	999.9	99.9	999.9	13.3	93
46.5	120.7	13811.4	150.0	-62.6	99.9	281.2	14.2	14.0	-2.8	362.3	999.9	99.9	999.9	15.9	94
50.8	126.7	14938.5	125.0	-61.7	99.9	282.4	14.7	14.4	-3.1	383.2	999.9	99.9	999.9	19.7	95
56.3	133.7	16316.0	100.0	-64.4	99.9	288.5	13.7	13.0	-4.4	403.3	999.9	99.9	999.9	24.1	97
63.1	141.3	18092.4	75.0	-60.4	99.9	308.0	8.9	7.0	-5.5	446.3	999.9	99.9	999.9	28.7	100
72.1	150.3	20631.0	50.0	-57.9	99.9	1.7	3.6	-0.1	-3.6	507.1	999.9	99.9	999.9	30.7	103
85.6	160.5	25060.6	25.0	-51.8	99.9	54.3	3.1	-2.5	-1.8	636.0	999.9	99.9	999.9	28.8	107

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

1 MAY 1982
1415 GMT

160 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	392.0	977.3	15.6	10.6	40.0	2.6	-1.7	-2.0	290.7	312.2	8.2	72.0	0.0	0
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	9.1	412.0	975.0	14.8	9.7	69.7	5.5	-5.2	-1.9	290.1	310.4	7.8	71.3	0.1	241
0.8	11.7	631.5	950.0	13.0	9.6	70.0	5.8	-5.4	-2.0	290.4	311.2	8.0	80.1	0.2	248
1.6	14.2	855.8	925.0	12.2	8.3	73.6	5.1	-4.9	-1.5	291.8	311.5	7.5	77.2	0.5	248
2.4	16.8	1085.1	900.0	10.5	8.3	80.4	3.9	-3.9	-0.7	292.4	312.6	7.7	85.8	0.7	251
3.3	19.4	1319.5	875.0	8.8	8.2	76.2	3.1	-3.0	-0.7	293.0	313.7	7.8	95.5	0.9	253
4.1	22.0	1559.3	850.0	7.2	6.6	59.5	2.4	-2.1	-1.2	293.7	313.0	7.2	96.1	1.0	252
4.8	24.6	1805.4	825.0	6.7	6.1	11.7	1.0	-0.2	-1.0	295.7	315.1	7.2	96.0	1.1	251
5.6	27.3	2058.8	800.0	6.4	5.8	288.8	2.9	2.7	-0.9	297.9	317.6	7.2	95.9	1.0	249
6.5	30.0	2319.1	775.0	5.3	4.6	279.5	4.8	4.7	-0.8	299.5	318.4	6.9	95.7	0.9	240
7.5	32.8	2586.8	750.0	3.7	2.6	272.1	5.2	5.2	-0.2	300.7	317.8	6.2	92.0	0.6	226
8.5	35.5	2862.5	725.0	2.8	0.9	265.5	4.8	4.7	0.4	302.5	318.5	5.7	87.5	0.5	197
9.4	38.3	3146.2	700.0	1.5	-0.4	261.9	4.1	4.0	0.6	304.1	319.2	5.3	87.2	0.4	167
10.5	41.0	3438.3	675.0	-0.9	-1.5	278.7	3.8	3.7	-0.6	304.7	319.2	5.1	95.7	0.5	139
11.7	44.0	3739.1	650.0	-2.5	-4.1	287.8	3.8	3.6	-1.2	306.2	318.7	4.3	88.2	0.8	128
12.8	46.9	4050.0	625.0	-4.2	-8.5	277.3	3.2	3.2	-0.4	307.6	317.2	3.2	71.7	1.0	123
14.0	49.8	4371.0	600.0	-6.3	-9.1	259.7	4.7	4.6	0.8	308.8	318.4	3.2	80.4	1.2	116
15.3	52.8	4702.6	575.0	-8.9	-9.8	234.4	6.1	5.0	3.5	309.6	319.1	3.2	93.2	1.5	104
16.8	55.9	5046.7	550.0	-9.7	-15.2	238.3	4.9	4.2	2.6	312.6	319.2	2.1	63.8	1.9	91
18.2	58.9	5405.6	525.0	-10.4	-20.5	261.1	3.9	3.9	0.6	315.9	320.5	1.4	43.2	2.2	87
19.6	62.0	5779.6	500.0	-13.1	-23.8	294.2	3.9	3.6	-1.6	317.1	320.7	1.1	40.2	2.5	89
21.0	65.3	6168.4	475.0	-16.2	-27.4	316.1	4.1	2.9	-3.0	317.9	320.7	0.8	37.2	2.8	93
22.7	68.6	6573.2	450.0	-19.3	-35.0	340.0	4.4	1.5	-4.1	319.0	320.5	0.4	23.4	3.0	100
24.3	72.0	6995.7	425.0	-22.6	-37.3	333.5	4.5	2.0	-4.0	320.0	321.2	0.4	24.7	3.3	106
26.0	75.3	7438.5	400.0	-25.5	-36.6	330.7	6.3	3.1	-5.5	321.9	323.3	0.4	34.2	3.7	112
27.8	78.9	7902.9	375.0	-29.3	-39.9	324.3	5.8	3.4	-4.7	322.8	323.9	0.3	34.8	4.3	118
29.8	82.6	8391.8	350.0	-33.1	-43.5	293.0	6.9	6.4	-2.7	324.1	325.0	0.2	34.2	4.9	119
31.8	86.3	8908.1	325.0	-37.5	-45.3	281.8	8.6	8.4	-1.8	325.0	325.8	0.2	43.5	5.8	117
33.7	90.3	9456.1	300.0	-41.7	99.9	276.9	9.2	9.1	-1.1	326.7	999.9	99.9	999.9	6.9	114
35.9	94.4	10040.1	275.0	-46.3	99.9	276.4	9.7	9.6	-1.4	328.2	999.9	99.9	999.9	8.0	112
38.0	98.8	10665.4	250.0	-51.8	99.9	274.4	12.0	11.9	-0.9	329.1	999.9	99.9	999.9	9.1	110
40.4	103.4	11340.5	225.0	-56.8	99.9	259.7	11.8	11.6	2.1	331.4	999.9	99.9	999.9	10.8	106
42.7	108.2	12074.7	200.0	-62.9	99.9	272.4	13.6	13.6	-0.6	333.2	999.9	99.9	999.9	12.4	103
45.7	113.5	12895.6	175.0	-62.5	99.9	290.3	11.8	11.1	-4.1	345.2	999.9	99.9	999.9	14.6	103
48.9	119.0	13842.6	150.0	-62.3	99.9	291.0	15.5	14.4	-5.5	362.8	999.9	99.9	999.9	17.1	104
53.2	125.5	14977.6	125.0	-59.5	99.9	293.1	13.7	12.6	-5.4	387.3	999.9	99.9	999.9	21.1	106
58.1	132.3	16364.5	100.0	-62.3	99.9	295.7	12.1	10.9	-5.3	407.3	999.9	99.9	999.9	24.6	107
64.7	140.7	18153.6	75.0	-61.0	99.9	297.7	6.0	5.3	-2.8	445.0	999.9	99.9	999.9	28.3	108
73.5	150.0	20704.2	50.0	-57.4	99.9	334.3	4.8	2.1	-4.3	508.2	999.9	99.9	999.9	29.7	111
86.4	160.5	25149.0	25.0	-51.1	99.9	92.2	3.7	-3.7	0.1	637.8	999.9	99.9	999.9	28.2	114

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

1 MAY 1982
1715 GMT

163 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	392.0	978.0	17.2	10.6	60.0	2 6	-2.3	-1 3	292 2	313 9	8 2	65.0	0 0	0
99.9	99 9	99.9	1000.0	99.9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.1	9.4	418.3	975.0	17.0	10 7	83 3	4 5	-4 1	-2 0	292.2	314.1	8 3	66 5	0 0	327
0.6	12.1	639.3	950.0	14.8	10.4	69.3	6 5	-6.1	-2 3	292 3	314 3	8 4	74 8	0 2	254
1.7	14.9	864.5	925.0	13.0	8.7	68.4	4 5	-4 2	-1 7	292 6	312 8	7 6	75 0	0 5	251
2 6	17 7	1094.5	900.0	11.1	7 9	72.6	4 0	-3 8	-1 2	293.0	312 8	7 5	80 6	0 7	250
3.4	20 4	1329 5	875.0	9.5	8 1	80 0	2 7	-2 7	-0 5	293 7	314 4	7 8	91 3	0 9	252
4 3	23.3	1570.0	850.0	8 1	7 5	83 1	1 4	-1 4	-0 2	294 6	315 1	7 7	95 8	1 0	252
5.2	26 0	1816.6	825.0	7 6	7.0	189.1	1 6	0 2	1 5	296 6	317 2	7 7	96 2	1 0	254
6.2	28 9	2070.4	800.0	6.7	6 1	248 0	2 9	2 7	1 1	298 3	318 5	7 4	96 0	0 9	258
7.2	31.7	2331.5	775.0	5.6	4 6	252 8	5 0	4 8	1 5	299.9	318 8	6 9	93 0	0 6	258
8.1	34.6	2599.7	750.0	4.3	3 1	241.5	6 2	5 4	2 9	301 2	319 1	6 4	92 2	0 3	274
9.1	37.4	2875.3	725.0	2 4	1 7	253 4	6 0	5 7	1 7	302 2	318 9	6 0	94 6	0 2	4
10 2	40.3	3158.9	700.0	1.1	-1 7	264.9	5 1	5.1	0 5	303 8	317 6	4 8	81 3	0 5	58
11.3	43.3	3450 9	675.0	-0 5	-4 6	274 5	3 2	3 2	-0 3	305 1	316 8	4 0	74 1	0 7	69
12 5	46.3	3751.8	650.0	-2 3	-7 1	260 7	2 7	2 7	0 4	306 4	316 5	3 4	69 2	0 9	75
13.6	49.3	4062.5	625.0	-4 1	-8.5	224.8	3 5	2 5	2 5	307 8	317 3	3 2	71 2	1 1	72
14.8	52.4	4383.6	600 0	-6 4	-7.9	234 3	4 1	3 3	2 4	308 7	319 1	3 5	89 2	1 3	65
16.2	55.5	4716.3	575.0	-6.9	-12 7	267 6	6 0	6 0	0 3	311 9	319 6	2 5	63 8	1 7	67
17 6	58 8	5062.1	550.0	-8 8	-15.4	289 8	6 6	6 2	-2 2	313 7	320 2	2 1	58 6	2 2	74
18.8	61 9	5421.2	525.0	-10 7	-19 2	304 5	6 3	5 2	-3 5	315 6	320 6	1 6	49 3	2 6	82
20 3	65 1	5794.5	500.0	-13.4	-23.6	300 4	4 6	4 0	-2 3	316 7	320 4	1 1	41 9	2 9	89
21.8	68 6	6183.6	475.0	-15.5	-32 9	317 6	3 6	2 4	-2 7	318 8	320 5	0 5	20 6	3 2	92
23.5	72 0	6589.2	450.0	-18 3	-36 0	328 7	3 8	2 0	-3 3	320 2	321 6	0 4	19 2	3 4	97
25.1	75.4	7013.2	425.0	-21.8	-36 1	335 0	3 8	1 6	-3 5	321 1	322 5	0 4	25 9	3 7	102
26 9	79 0	7456.2	400.0	-25 3	-37 8	326.1	5 7	3 2	-4 7	322 2	323 5	0 4	29 8	4 0	107
28 5	82 6	7921.3	375.0	-29.3	-40 8	318 7	6 1	4 0	-4 6	322 9	323 9	0 3	31 5	4 5	112
30.4	86.4	8410.0	350.0	-33.3	-41 6	297.0	5 4	4 8	-2 5	323 8	324 8	0 3	42 7	5 1	114
32.3	90 3	8926.3	325 0	-37.5	-46 6	297 6	7 8	6 9	-3 6	325 1	325 7	0 2	37 4	5 8	115
34.5	94 3	9473 7	300.0	-41.6	99 9	283 8	9 4	9 1	-2 2	326 7	999 9	99 9	999 9	6 9	114
36 8	98 7	10057 2	275.0	-46 5	99 9	269 4	9 3	9 3	0 1	327 8	999 9	99 9	999 9	8 2	111
39.1	103 0	10682 9	250 0	-51 0	99 9	266 3	12 2	12 2	0 8	330 3	999 9	99 9	999 9	9 5	107
41.6	107 8	11359.9	225.0	-55.6	99.9	278 8	14 0	13 9	-2 1	333 4	999 9	99 9	999 9	11 5	104
44 2	112 6	12101.3	200 0	-61 1	99 9	288 8	12 6	11 9	-4 1	336 0	999 9	99 9	999 9	13 4	105
47.0	117 8	12925 4	175 0	-63.0	99 9	297 8	12 2	10 7	-5 7	346 0	999 9	99 9	999 9	15 6	106
50.2	123 5	13881.3	150 0	-60 9	99 9	291 6	12 7	11 8	-4 7	365 1	999 9	99 9	999 9	17 7	107
53.5	129 7	15016.5	125.0	-59.9	99 9	288 3	14 6	13 8	-4 6	386 6	999 9	99 9	999 9	20 7	108
58.3	137.0	16407 1	100.0	-61.3	99.9	287 5	13 0	12 4	-3 9	409 3	999 9	99 9	999 9	24 4	107
64.3	145 0	18198.0	75.0	-59 4	99.9	305.8	7 5	6 1	-4 4	448 5	999 9	99 9	999 9	28 2	109
72.8	154.5	20758.2	50.0	-58.0	99 9	208.4	3 5	1 6	3 1	506 9	999 9	99 9	999 9	29 2	110
86.3	165 0	25210.5	25.0	-48.9	99 9	101 2	4 3	-4 2	0 8	644 2	999 9	99 9	999 9	28 3	113

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2015 GMT

155 18 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	392.0	976.6	20.0	11.5	100.0	2.6	-2.6	0.5	295.2	318.5	8.8	58.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	9.3	406.1	975.0	19.6	11.2	106.2	2.7	-2.6	0.7	294.9	317.8	8.6	58.6	0.0	349
1.0	11.9	628.3	950.0	16.5	11.0	128.0	3.4	-2.7	2.1	293.9	317.0	8.7	70.1	0.1	309
1.8	14.6	854.7	925.0	13.9	10.2	107.7	2.6	-2.5	0.8	293.5	316.0	8.5	78.7	0.3	305
2.7	17.2	1085.2	900.0	11.6	8.9	68.1	3.0	-2.8	-1.1	293.4	314.6	8.0	83.9	0.4	296
3.5	19.9	1320.7	875.0	9.9	9.2	51.4	2.3	-1.8	-1.4	294.1	316.4	8.4	95.2	0.5	279
4.3	22.6	1562.1	850.0	9.2	8.4	127.8	1.5	-1.2	0.9	295.8	317.7	8.2	95.1	0.5	277
5.1	25.2	1809.8	825.0	8.6	7.8	232.7	3.5	2.8	2.1	297.7	319.6	8.1	94.9	0.5	291
6.0	28.0	2064.2	800.0	7.3	6.5	250.6	4.8	4.5	1.6	299.0	319.7	7.6	94.7	0.4	321
6.8	30.7	2325.6	775.0	5.8	5.0	258.1	5.7	5.6	1.2	300.0	319.4	7.1	94.4	0.3	1
7.7	33.4	2593.9	750.0	4.3	3.4	250.4	5.9	5.6	2.0	301.2	319.4	6.6	94.0	0.5	39
8.6	36.3	2869.9	725.0	3.2	2.0	245.6	4.1	3.7	1.7	302.9	320.2	6.2	92.4	0.8	49
9.5	39.1	3154.1	700.0	1.7	-0.1	250.7	2.5	2.3	0.8	304.4	319.9	5.5	87.6	1.0	52
10.4	42.0	3446.8	675.0	-0.1	-1.5	274.2	1.6	1.6	-0.1	305.5	320.1	5.1	90.6	1.1	55
11.3	45.0	3748.2	650.0	-2.0	-6.3	251.3	2.4	2.2	0.8	306.7	317.4	3.7	72.5	1.1	58
12.3	47.9	4059.9	625.0	-2.9	-7.1	230.6	4.4	3.4	2.8	309.1	319.8	3.6	73.1	1.3	57
13.2	50.9	4382.7	600.0	-4.2	-8.4	249.9	5.4	5.0	1.8	311.3	321.4	3.4	72.2	1.6	56
14.3	53.9	4717.4	575.0	-6.0	-16.2	298.9	5.8	5.1	-2.8	313.0	318.9	1.9	44.5	1.9	63
15.3	57.0	5064.8	550.0	-7.4	-22.4	326.5	6.9	3.8	-5.7	315.3	319.1	1.1	28.8	2.0	74
16.6	60.3	5426.0	525.0	-9.3	-26.4	331.5	7.1	3.4	-6.2	317.3	320.1	0.8	23.2	2.2	88
17.8	63.4	5801.2	500.0	-12.0	-29.8	333.0	6.0	2.7	-5.3	318.4	320.6	0.6	21.0	2.5	98
19.1	66.6	6191.7	475.0	-14.9	-30.9	329.0	5.3	2.7	-4.5	319.5	321.6	0.6	23.9	2.7	105
20.5	70.0	6598.7	450.0	-17.4	-31.6	322.6	6.1	3.7	-4.8	321.3	323.4	0.6	27.8	3.1	111
21.9	73.4	7023.8	425.0	-21.4	-33.2	313.1	6.3	4.6	-4.3	321.6	323.4	0.5	33.3	3.6	115
23.5	77.0	7467.4	400.0	-25.2	-36.3	305.8	6.0	4.9	-3.5	322.3	323.7	0.4	34.3	4.1	117
25.0	80.5	7933.4	375.0	-28.7	-38.6	289.9	7.2	6.7	-2.4	323.6	324.9	0.4	37.7	4.7	117
26.8	84.3	8422.8	350.0	-33.0	-42.3	283.7	9.3	9.0	-2.2	324.3	325.2	0.3	38.5	5.8	115
28.5	88.0	8940.1	325.0	-36.7	-46.8	277.3	11.7	11.6	-1.5	326.1	326.8	0.2	33.6	6.6	113
30.5	92.0	9486.9	300.0	-41.4	99.9	274.1	13.1	13.1	-0.9	327.0	999.9	99.9	999.9	8.0	109
32.8	96.2	10073.7	275.0	-45.9	99.9	273.0	14.2	14.2	-0.7	328.7	999.9	99.9	999.9	9.7	107
34.7	100.6	10700.6	250.0	-51.0	99.9	275.3	15.8	15.7	-1.5	330.3	999.9	99.9	999.9	11.6	105
37.2	105.2	11379.1	225.0	-55.3	99.9	281.2	16.4	16.1	-3.2	333.7	999.9	99.9	999.9	14.0	103
39.9	110.0	12123.2	200.0	-59.5	99.9	293.7	13.0	11.9	-5.2	338.5	999.9	99.9	999.9	16.4	104
42.9	115.2	12952.3	175.0	-62.7	99.9	296.0	13.5	12.1	5.9	346.5	999.9	99.9	999.9	18.5	105
46.3	121.0	13908.3	150.0	-60.9	99.9	293.7	16.3	15.0	-6.6	365.1	999.9	99.9	999.9	21.6	107
50.3	127.0	15043.6	125.0	-59.5	99.9	289.5	16.2	15.2	5.4	387.2	999.9	99.9	999.9	25.7	107
55.3	134.0	16433.6	100.0	-60.8	99.9	292.9	12.8	11.8	[illegible].0	410.4	999.9	99.9	999.9	30.1	108
61.2	141.7	18228.6	75.0	-59.3	99.9	298.0	8.4	7.4	-4.0	448.7	999.9	99.9	999.9	33.7	109
69.6	150.7	20787.7	50.0	-57.4	99.9	313.0	4.2	3.0	-2.8	508.2	999.9	99.9	999.9	35.7	110
81.8	160.3	25241.4	25.0	-50.1	99.9	239.2	2.2	1.9	1.1	641.1	999.9	99.9	999.9	35.3	113

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

1 MAY 1982
2300 GMT

159 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9.7	392.0	974 9	20 0	11 5	90 0	2 1	-2 1	0.0	295.3	318 7	8 8	58 0	0 0	0
99 9	99.9	99.9	1000.0	99.9	99.9	99.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99.9	99 9	99.9	99 9	99 9	99 9	99.9	999 9	99 9	999 9	999 9	999
0.6	12.2	614.6	950.0	17.5	10.9	999 9	99 9	99 9	99 9	295 0	318 0	8 7	65 2	999 9	999
1.4	14 7	841.8	925.0	15.0	10 2	999 9	99 9	99 9	99 9	294 6	317 1	8 5	73 1	999 9	999
2.2	17.4	1073.2	900.0	12.5	10.3	999 9	99 9	99 9	99.9	294 4	317 6	8 8	86 6	999 9	999
3 0	20.0	1309.3	875.0	10.4	9.4	999 9	99 9	99 9	99 9	294 6	317 2	8 5	93 6	999 9	999
3 9	22.6	1550.7	850.0	9.0	8.0	999 9	99 9	99 9	99.9	295 6	316 8	7 9	93 2	999 9	999
4.7	25.3	1798.0	825.0	7 8	7 0	999 9	99 9	99 9	99 9	296 9	317 5	7 7	94 8	999 9	999
5 7	27.9	2051.9	800.0	7.1	6 4	999 9	99 9	99 9	99 9	298 8	319 3	7 6	94 7	999 9	999
6 6	30 7	2312.8	775.0	5.4	4 6	245 1	5 5	5 0	2 3	299 7	318 6	6 9	94 3	0 4	18
7 5	33.3	2580.9	750 0	4 2	3 2	242 3	4 7	4 2	2 2	301 2	319 1	6 5	93 3	0 6	36
8 5	36 1	2857.1	725.0	4 6	0.6	243.1	4 4	3 9	2 0	304 5	320 2	5 5	75 5	0 8	47
9 5	39 0	3142.3	700.0	2.3	-1 0	240.5	2 9	2 5	1 4	305 1	319 7	5 1	78 8	1 1	49
10 5	41 8	3438.1	675 0	0.5	-3 5	271 1	1 7	1 7	-0 0	306 7	319 3	4 4	72 1	1 2	51
11 5	44 7	3738 6	650.0	-1 1	-5 4	263.7	2 8	2 8	0 3	307 7	319 3	4 0	72 7	1 3	55
12 6	47 6	4050.4	625.0	-3.5	-5 6	250 2	4 4	4 2	1 5	308 4	320 3	4 0	85 8	1 5	57
13 7	50 4	4372 5	600 0	-5 2	-8 7	279.7	4 7	4 7	-0 8	310 1	320.0	3 3	76 4	1 8	61
14 9	53 4	4706.6	575.0	-5 1	-25.6	336 0	5 9	2 4	-5 4	314 0	316 8	0 8	18 2	2 0	70
16 3	56.4	5055.5	550.0	-6.3	-26.0	359 6	8 7	0 1	-8 7	316 7	319 4	0 8	19 0	1 9	89
17 6	59 5	5417 1	525.0	-9 4	-27 7	351.7	8 7	1 3	-8 6	317 2	319 7	0 7	20 8	2 0	110
19 1	62.6	5792 2	500.0	-12 1	-29 9	331.7	7 6	3 6	-6 6	318.3	320 4	0 6	21 0	2 5	123
20 6	65 0	6182 3	475.0	-14 8	-32 2	310 5	6 8	5 2	-4 4	319 6	321 5	0 5	21 0	3 1	127
22 2	69 3	6589.2	450 0	-18 2	-32.2	306 0	7 0	5 7	-4 1	320 4	322 3	0 6	28 0	3 7	126
23 7	72 7	7013.7	425.0	-21 3	-34 3	302 0	8 2	6 9	-4 3	321 7	323 4	0 5	29 5	4 4	126
25 2	76.1	7457 6	400.0	-25.1	-36.4	296 1	10 0	9.0	-4 4	322 3	323 8	0 4	34 0	5 2	125
26 9	79 7	7922.6	375.0	-29.2	-40 4	302 3	9 6	8 2	-5 2	323 0	324 0	0 3	32 7	6 2	124
28 8	83 4	8411.2	350.0	-33 4	-44 2	296 0	11 2	10 1	-4 9	323 7	324 4	0 2	32 7	7 4	123
30 6	87 3	8927.3	325.0	-37 5	-49.4	293.6	12 4	11 4	-5 0	325 0	325 5	0 1	27 2	8 7	122
32 7	91 3	9474.5	300.0	-42 0	99 9	295 8	12 9	11 6	-5 6	326 2	999 9	99 9	999 9	10 2	121
34 8	95 5	10057.8	275.0	-46 4	99 9	301.1	14 2	12 2	-7 3	328 0	999 9	99 9	999 9	11 9	121
36 9	99 8	10684.2	250 0	-51 1	99 9	294 0	15 1	13 8	-6 1	330 1	999 9	99 9	999 9	13 8	120
39 4	104 5	11360.8	225.0	-56.3	99 9	291 2	14 6	13 6	-5 3	332 2	999 9	99 9	999 9	16 1	119
42 0	109 4	12103 1	200.0	-59.8	99.9	302 2	14 0	11 8	-7 5	338.1	999 9	99 9	999 9	18 2	119
45 1	114.7	12931 3	175 0	-62 6	99 9	294 8	17 3	15 7	-7 3	346 6	999 9	99 9	999 9	21 1	119
48 7	120 5	13888.1	150.0	-60 7	99.9	296 2	17 9	16 1	-7 9	365 6	999 9	99 9	999 9	24 9	118
52 7	126 7	15023 0	125.0	-61 1	99.9	289 1	16 3	15 4	-5 4	384 4	999 9	99 9	999 9	29 3	117
57 5	133 7	16406 3	100.0	-62.0	99.9	289 2	14 5	13 7	-4 8	408.0	999 9	99 9	999 9	33 7	116
63 7	141.7	18169 0	75.0	-61.3	99 9	310 6	9 5	7 2	-6 2	444.3	999 9	99 9	999 9	38 2	117
72 2	150.3	20734 0	50.0	-57 9	99 9	8 0	5 0	-0 7	-5 0	507 2	999 9	99 9	999 9	40 6	118
85 4	159 7	25189 2	25 0	-52.0	99 9	313 8	4 6	3 3	-3 2	635 4	999 9	99 9	999 9	39 9	122

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

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

2 MAY 1982
215 GMT

153 9 0

TIME MIN	CONTC*	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	392.0	974.6	16.1	11.1	70.0	2.6	-2.4	-0.9	291.4	313.7	8.5	72.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	12.4	609.6	950.0	15.5	10.1	999.9	99.9	99.9	99.9	293.0	314.7	8.2	70.1	999.9	999
1.5	15.0	835.6	925.0	14.0	9.2	999.9	99.9	99.9	99.9	293.6	314.7	7.9	72.8	999.9	999
2.3	17.6	1066.6	900.0	12.2	10.5	184.4	3.5	0.3	3.5	294.1	317.6	8.9	88.9	1.0	277
3.1	20.2	1302.6	875.0	10.7	9.1	274.7	3.5	3.5	-0.3	294.9	317.1	8.4	90.1	0.9	281
3.8	22.8	1544.2	850.0	9.0	8.1	283.6	8.5	8.3	-2.0	295.6	317.0	8.0	94.3	0.6	282
4.7	25.5	1791.6	825.0	8.2	5.5	263.6	7.2	7.2	0.8	297.3	316.0	6.9	83.0	0.1	259
5.5	28.1	2045.7	800.0	7.1	4.5	240.5	6.4	5.6	3.1	298.7	316.9	6.6	83.6	0.2	40
6.4	30.8	2306.5	775.0	5.2	1.7	241.0	5.2	4.6	2.5	299.4	314.9	5.6	77.8	0.5	56
7.2	33.6	2574.1	750.0	3.7	2.0	225.1	4.0	2.9	2.8	300.6	317.1	5.9	88.9	0.7	55
8.1	36.3	2849.9	725.0	3.9	0.4	208.7	2.1	1.0	1.9	303.7	319.2	5.4	77.9	0.9	52
9.0	39.1	3134.8	700.0	2.3	-1.8	171.0	1.7	-0.3	1.7	305.1	318.8	4.8	73.9	1.0	49
10.0	41.9	3427.9	675.0	0.2	-3.3	153.8	1.8	-0.8	1.6	305.9	318.8	4.5	77.5	1.0	43
10.9	44.8	3729.6	650.0	-2.2	-4.5	194.5	2.0	0.5	1.9	306.5	318.7	4.2	84.0	1.0	39
12.1	47.7	4040.3	625.0	-4.4	-5.6	262.4	2.0	2.0	0.3	307.5	319.3	4.0	91.2	1.2	39
13.1	50.6	4362.5	600.0	-3.2	-15.4	343.0	3.4	1.0	-3.3	312.4	318.5	2.0	39.3	1.2	45
14.2	53.6	4699.3	575.0	-4.3	-17.7	5.2	5.9	-0.5	-5.9	314.9	320.2	1.7	34.3	1.0	57
15.4	56.7	5047.7	550.0	-7.3	-20.2	1.5	6.9	-0.2	-6.9	315.5	320.0	1.4	34.6	0.8	87
16.6	59.8	5408.4	525.0	-10.2	-22.6	345.4	7.8	2.0	-7.6	316.2	320.0	1.2	35.4	0.9	120
17.8	62.9	5783.0	500.0	-12.6	-24.1	326.2	9.8	5.5	-8.2	317.7	321.3	1.1	37.4	1.6	134
19.1	66.1	6173.1	475.0	-15.1	-27.0	308.4	8.6	6.8	-5.3	319.3	322.2	0.9	35.3	2.3	136
20.6	69.4	6578.8	450.0	-19.0	-29.9	306.7	8.5	6.8	-5.1	319.3	321.7	0.7	37.5	3.0	133
22.0	72.7	7001.1	425.0	-22.9	-31.9	305.6	9.7	7.9	-5.6	319.7	321.8	0.6	43.3	3.7	132
23.8	76.1	7442.0	400.0	-26.9	-33.6	299.6	10.8	9.4	-5.3	320.0	321.9	0.6	52.9	4.8	129
25.6	79.7	7904.2	375.0	-30.6	-39.2	302.5	14.2	12.0	-7.6	321.1	322.3	0.3	42.0	6.1	128
27.3	83.3	8390.1	350.0	-34.9	-43.5	300.6	15.2	13.1	-7.7	321.7	322.5	0.2	40.6	7.8	127
29.4	87.1	8903.4	325.0	-38.4	-48.4	302.8	14.9	12.5	-8.1	323.8	324.3	0.1	33.4	9.5	125
31.5	91.0	9449.1	300.0	-41.9	99.9	315.5	13.1	9.2	-9.3	326.4	999.9	99.9	999.9	11.4	126
33.8	95.2	10032.2	275.0	-46.8	99.9	323.8	11.9	7.0	-9.6	327.4	999.9	99.9	999.9	13.0	128
36.1	99.3	10657.7	250.0	-51.1	99.9	315.6	13.7	9.6	-9.8	330.1	999.9	99.9	999.9	14.6	129
38.0	103.8	11334.5	225.0	-55.5	99.9	317.7	15.6	10.5	-11.5	333.5	999.9	99.9	999.9	17.2	130
42.0	108.6	12078.2	200.0	-60.0	99.9	310.4	14.7	11.2	-9.5	337.8	999.9	99.9	999.9	19.9	131
45.4	113.5	12904.8	175.0	-63.0	99.9	29[illegible].9	18.0	16.3	-7.6	346.0	999.9	99.9	999.9	23.1	129
49.2	119.2	13853.5	150.0	-62.0	99.9	300.1	19.4	16.8	-9.7	363.4	999.9	99.9	999.9	27.3	127
53.6	125.5	14983.3	125.0	-62.7	99.9	304.1	18.3	15.1	-10.2	381.5	999.9	99.9	999.9	32.5	127
59.1	132.2	16353.7	100.0	-63.1	99.9	309.7	15.1	11.6	-9.7	405.8	999.9	99.9	999.9	37.8	126
65.6	140.0	18128.3	75.0	-63.1	99.9	322.8	7.5	4.6	-6.0	440.7	999.9	99.9	999.9	42.4	127
75.3	149.0	20652.6	50.0	-59.8	99.9	254.2	3.1	3.0	0.8	502.6	999.9	99.9	999.9	44.2	129
90.2	159.3	25058.4	25.0	-53.5	99.9	310.9	3.7	2.8	-2.4	631.3	999.9	99.9	999.9	43.6	133

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

2 MAY 1982
515 GMT

153 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	9 3	392 0	976.0	15.6	12 2	90 0	2.6	-2.6	0 0	290 8	314 6	9 2	80 0	0 0	0
99 9	99 9	99.9	1000.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 0	9 4	400.6	975.0	15 7	12 3	999 9	99 9	99.9	99 9	290 9	315 1	9 3	80 3	999 9	999
0 7	11 8	622.1	950.0	15 8	12 5	999 9	99 9	99 9	99 9	293 3	318 6	9 7	80 7	999 9	999
1 6	14 3	848.4	925 0	14 5	9 5	999 9	99.9	99 9	99 9	294 1	315 6	8 1	71 9	999 9	999
2 4	16 7	1079 9	900.0	13 1	9 6	999 9	99 9	99 9	99 9	295 0	317 3	8 4	79 6	0 6	290
3 3	19 2	1316.7	875 0	11 4	8 5	249 7	2 0	1 9	0 7	295 6	317 0	8 0	82 3	0 6	295
4 0	21 7	1558.7	850.0	9 5	8 4	263 3	2 7	2 6	0 3	296 1	318 0	8 2	92 4	0 5	303
4 9	24.2	1805.9	825.0	7 1	6 1	266 1	3 6	3 5	0 2	296 2	315 6	7 2	93 3	0 4	316
5 7	26 8	2059.1	800 0	6 5	2 2	245 0	6 0	5 4	2 5	298 1	313 6	5 6	73 9	0 3	354
6 7	29 4	2319.9	775.0	5 6	1 9	237 1	7 1	5 9	3 8	299 9	315 7	5 7	76 9	0 6	29
7 5	32 0	2586.0	750 0	4 5	1 6	230 4	6 5	5 0	4 1	301 4	317 5	5 8	81 7	0 9	40
8 5	34 7	2864.2	725.0	3 2	-1 0	219 4	4 4	2 8	3 4	303 0	316 9	4 9	73 5	1 3	40
9 4	37 3	3148.3	700.0	1 7	-2 9	209 6	2 8	1 4	2 4	304 4	317 2	4 4	71 5	1 5	40
10 4	40 0	3440.9	675 0	0 2	-4 5	199 8	2 7	0 9	2 6	305 8	317 6	4 1	70 7	1 6	38
11 5	42 8	3742.3	650 0	-2 4	-6 4	210 2	2 6	1 3	2 3	306 3	317 0	3 7	74 0	1 8	36
12 7	45 6	4052.8	625 0	-4 2	-9 4	241 4	2 3	2 0	1 1	307 7	316 6	3 0	67 0	1 9	37
13 7	48 4	4374.7	600 0	-4 1	-19 6	269 1	2 4	2 4	0 0	311 4	315 7	1 4	29 4	2 1	39
15 0	51 3	4710.4	575 0	-4 6	-23 8	305 8	2 2	1 8	-1 3	314 6	317 8	1 0	20 6	2 1	44
16 3	54.3	5059 6	550 0	-7 5	-25 5	337 1	2 8	1 1	-2 6	315 2	318 1	0 9	22 0	2 1	48
17 6	57 3	5418 9	525.0	-10 4	-27 3	343 0	4 4	1 3	-4 2	315 9	318 5	0 8	23 4	2 0	56
19 2	60 3	5792.6	500.0	-13 2	-26 0	337 0	6.4	2 5	-5 9	316.9	319 9	0 9	33 2	1 9	70
20 8	63 4	6181.4	475.0	-16 1	-27 6	318 5	8 1	5 4	-6 1	318 1	320 8	0 8	36 0	2 2	90
22 3	66 6	6586 3	450.0	-19 3	-34 6	297 7	9 2	8 2	-4 3	319 0	320 6	0 4	24 2	2 9	99
24 0	69 9	7006.2	425.0	-23 1	-33 4	300 7	10 4	9 0	-5 3	319 4	321 3	0 5	37 8	3 8	103
25 6	73 1	7449 4	400 0	-26 7	-36 7	306 2	13 3	10 7	-7 8	320 3	321 7	0 4	37 8	4 8	108
27 5	76.6	7911.6	375.0	-30 9	-40 9	309 0	15 3	11 9	-9 7	320 8	321 8	0 3	36 2	6 5	113
29 5	80 1	8397.7	350.0	-33 5	-47 3	328 8	13 3	6 9	-11 4	323 6	324 1	0 1	23 3	8 1	118
31 6	83 9	8913.6	325 0	-37 6	-52 7	335 1	11 7	4 9	-10 6	324 9	325 2	0 1	18 6	9 3	124
34 0	87 7	9461.0	300.0	-42 0	99 9	327 2	13 5	7 3	-11 4	326 3	999 9	99 9	999 9	10 9	128
36 3	91.7	10043 4	275 0	-47 2	99 9	326 4	12 5	6 9	-10 4	326 9	999 9	99 9	999 9	12 8	130
38 9	96 0	10669 3	250.0	-51 0	99 9	333 1	11 6	5 3	-10 4	330 2	999 9	99 9	999 9	14 4	133
41 7	100 4	11347.2	225 0	-56.0	99 9	329 4	14 2	7 2	-12 2	332 7	999 9	99 9	999 9	16 5	135
44 6	105 2	12089.5	200 0	-60 4	99 9	310 3	14 8	11 3	-9 5	337 2	999 9	99 9	999 9	18 9	136
47 4	109 9	12911.8	175.0	-64 7	99 9	301 3	19 0	16 2	-9 9	343 2	999 9	99 9	999 9	21 7	134
51 5	115 7	13860 5	150 0	-62 2	99 9	305 9	20 0	16 2	-11 7	363 0	999 9	99 9	999 9	26 2	133
55 7	121 7	14988.1	125.0	-63 0	99 9	309 5	18 7	14 4	-11 9	380 9	999 9	99 9	999 9	31 6	132
61 0	128 7	16361.3	100 0	-62 9	99 9	309 6	14 9	11 5	-9 5	406 2	999 9	99 9	999 9	36 4	131
67 8	136 3	18137.0	75 0	-63 0	99 9	312 2	7 9	5 9	-5 3	440 9	999 9	99 9	999 9	40 6	131
77 2	145 0	20853.7	50.0	-59 1	99 9	338 2	4.5	1 7	-4 2	504 2	999 9	99 9	999 9	43 1	131
92 3	154 7	25053.3	25.0	-54 1	99 9	166 5	3 8	-0 9	3 6	629 4	999 9	99 9	999 9	42 8	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
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 353
OKLAHOMA CITY, OKLAHOMA

2 MAY 1982
1100 GMT

154

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8 9	392 0	975 3	15 6	12 7	270 0	1 0	1 0	0 0	290 8	315 6	9 5	83 0	0 0	0
99 9	99 9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.0	8 9	394 6	975 0	15 6	12 9	999 9	99 9	99 9	99 9	290 9	315 9	9 6	83 7	999 9	999
0.9	11 4	815 9	950 0	15 6	14 2	999.9	99 9	99 9	99 9	293 0	321 2	10 8	91 7	999 9	999
1 7	13.8	842 4	925 0	14 5	13 3	999 9	99 9	99 9	99 9	294 1	321 6	10 5	92 6	999 9	999
2 7	16 3	1074 2	900 0	13 8	12.0	212 7	2 9	1 6	2 4	295 6	321 6	9 9	89 7	0 7	11
3 5	18 7	1311 4	875 0	11 8	10 1	233 6	1 2	1 0	0 7	296 0	319 8	8 9	89 3	0 8	13
4.5	21 2	1553 6	850 0	10 1	8 8	275 1	1.6	1 6	-0 1	296 7	319 0	8 3	90 5	0 8	16
5 3	23 8	1801 9	825 0	8.2	7 5	264 5	3 1	3 1	0 3	297 3	318 6	7 9	95 1	0 9	25
6.2	26 3	2056 0	800 0	7 0	6 3	239 2	3 5	3 0	1 8	298 7	319 1	7 5	95 2	1 0	32
7.1	28 9	2317 0	775 0	5 5	4 8	221 4	3 8	2 5	2 8	299 7	318 9	7 0	95 4	1 2	35
8.1	31.5	2584 9	750 0	3 8	3 0	221 1	3 3	2 2	2 5	300 7	318 3	6 4	95 1	1 4	35
9 1	34 1	2859 8	725 0	1 9	1 1	225 0	3 3	2 3	2 3	301 6	317 6	5 8	94 6	1 6	36
10.2	36 8	3142 7	700 0	0 5	-0 5	254 7	1.6	1 6	0 4	303 1	318 0	5 3	93 1	1 8	38
11.3	39 4	3434 1	675 0	-1 2	-4.4	280 9	1 3	1 3	-0 3	304 3	316 1	4 1	78 8	1 8	40
12.3	42 1	3734 1	650 0	-3.5	-12.5	291 8	1 5	1 4	-0 6	305 0	311 8	2 3	50 1	1 9	42
13.6	44 9	4043 1	625 0	-5 2	-22 4	321 7	3 1	1 9	-2 4	306 5	309 7	1 0	24 7	1 8	47
14 8	47 7	4364 6	600 0	-3.2	-25 4	298 0	5 2	4 6	-2 5	312 4	315 0	0 8	16 0	1 9	55
16.0	50 6	4700 5	575 0	-5 1	-25 3	277 9	6 6	6 5	-0 9	314 0	316 8	0 8	18 6	2 2	64
17.3	53.4	5047 8	550 0	-8 0	-26 2	281 4	6 4	6 3	-1 3	314 6	317 3	0 8	21 4	2 7	70
18.6	56 4	5407 2	525 0	-10 6	-26 4	291 4	6 2	5 8	-2 3	315 7	318 5	0 8	26 2	3 1	75
20.0	59 4	5780 5	500 0	-13 6	-26 3	299 9	7 4	6 4	-3 7	316 5	319 4	0 9	33 1	3 5	81
21.3	62.5	6168 3	475 0	-16 7	-29 4	296 2	9 7	8 7	-4 3	317 3	319 7	0 7	32 2	4 1	87
22 9	65 7	6571 8	450 0	-20 3	-33 9	306 2	1 6	9 3	-6 8	317 7	319 4	0 5	28 5	4 9	93
24 3	68.9	6993 5	425 0	-22 2	-41 1	322 3	10 3	6 3	-8 2	320 5	321 4	0 2	16 1	5 7	100
26.0	72 3	7437 0	400 0	-25.2	-43 3	333 7	9 2	4 1	-8 3	322 3	323 0	0 2	16 5	6 3	106
27.6	75 6	7902 3	375 0	-29 0	-46 2	330 3	9 5	4 7	-8 3	323 2	323 8	0 2	17 0	7 0	112
29 3	79.1	8391 8	350 0	-32.7	-49 0	335.3	7 3	3 0	-6 6	324 7	325 1	0 1	17 9	7 7	116
31 2	82 9	8909 5	325 0	-36 6	-52 6	336 0	5 6	2 3	-5 1	326 3	326 6	0 1	16 6	8 2	119
33 2	86.7	9459 5	300 0	-40 8	99 9	333 5	7 4	3 3	-6 6	327 9	999 9	99 9	999 9	8 8	122
35.4	90 6	10045 6	275 0	-45 4	99 9	323 4	8 3	4 9	-6 7	329 5	999 9	99 9	999 9	9 6	125
37.9	94 9	10674 0	250 0	-50 6	99 9	319 8	9 6	6 2	-7 3	330 9	999 9	99 9	999 9	11 1	127
40.6	99 2	11352 6	225 0	-55 6	99 9	315 5	9 1	6 4	-6 5	333 3	999 9	99 9	999 9	12 6	128
43.4	103 8	12094 2	200 0	-60 4	99 9	302 6	12 9	10 9	-7 0	337 1	999 9	93 9	999 9	14 2	128
46.7	108.6	12916 2	175 0	-64 5	99 9	309 7	16 2	12 5	-10 4	343 5	999 9	99 9	999 9	17 3	128
50.2	114.2	13866 4	150 0	61 8	99.9	301 3	20 0	17 1	-10 4	363 6	999 9	99 9	999 9	21 1	127
54.8	120 2	14994 9	125 0	-62 9	99 9	299 1	17 3	15 1	-8 4	381 1	999 9	99 9	999 0	26 0	126
60 4	127 0	16366 3	100 0	-62 9	99 9	316 2	15 6	11 0	-11 4	406 2	999 9	99 9	999 9	31 8	125
67.1	134 5	18149 5	75 0	-62 7	99 9	327 2	10 1	5 5	-8 5	441 6	999 0	99 9	999 9	36 8	128
75.9	143 3	20678 7	50 0	-58 3	99 9	32 9	5 1	-2 8	-4 3	506 1	999 9	99 9	999 9	39 5	131
89.5	153 5	25102 5	25 0	-53.1	99 9	243 2	4 0	3 6	1 8	632 4	999 9	99 9	999 9	38 8	133

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 363
AMARILLO, TEXAS

1 MAY 1982
1100 GMT

158 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	18.1	1094.0	897.6	9 4	8 3	120 0	3 1	-2 7	1 5	291 4	311 7	7 7	93 0	0 0	0
99 9	99.9	99.9	1000.0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	975.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	950.0	99.9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	925.0	99.9	99 9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	900.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	20.6	1305.5	875 0	7 9	7 8	148 9	4.5	-2 3	3 8	292 0	312 1	7 6	99 3	0 2	311
1 6	23 3	1544.7	850.0	6 6	6 6	153 8	4.0	-1 8	3 6	293 1	312 4	7 3	100 1	0 4	320
2 4	26.0	1789.7	825.0	5 4	5 4	187 5	2 7	0 3	2 8	294 3	312 6	6 8	100 0	0 6	326
3 2	28 8	2042.3	800.0	5 5	5 5	226 6	2 0	1 5	1 4	297 [illegible]	316 2	7 1	100 0	0 6	336
4 1	31.7	2302.1	775.0	4.7	4 7	235 2	2 9	2.3	1 8	298 9	317 9	7 0	99 9	0 7	345
5 1	34 4	2568.6	750.0	3 6	2 9	228 2	4 1	3 0	2 7	300 5	318 0	6 3	95 0	0 8	0
6 0	37.3	2844.4	725.0	1 9	1 8	234 1	4 3	3 5	2 6	301 5	318 4	6 1	99 8	0 9	10
7 0	40 2	3127.2	700 0	0 4	-1 6	239 6	4 2	3 6	2 1	302 9	316 6	4 9	86 5	1 1	22
7 9	43.1	3418 6	675 0	-1 2	-5 9	202 9	2 8	1 1	2 5	304 4	314 9	3 6	69 9	1 3	25
8 9	46 0	3718 8	650 0	-3 1	-5 7	199 4	1 6	0 5	1 5	305 4	316 6	3 8	82 0	1 4	24
10 0	49 0	4028 9	625 0	-4 0	-12 8	321 8	0 9	0 6	-0 7	307 8	314 8	2 3	50 6	1 5	23
11 2	52.1	4349.6	600 0	-6 1	-20 5	337 8	1 5	0 5	-1 4	309 1	313 0	1 2	30 7	1 4	27
12 4	55 1	4681.9	575.0	-7 9	-26 1	353 7	1 7	0 2	-1 7	310 8	313 4	0 8	21 5	1 3	30
13 6	58 3	5026.2	550.0	-9 6	-31 6	13 4	1 6	-0 4	-1 5	312 5	314 1	0 5	14 9	1 2	33
15 0	61 5	5384.1	525.0	-11 3	-32 8	68 0	2 6	-2 4	-1 0	314 9	316 4	0 5	14 9	1 1	30
16 3	64 7	5756 7	500 0	-13.9	-33 8	35 0	2 8	-1 6	-2 3	316 2	317 6	0 4	16 5	0 9	23
17 7	68.0	6144.7	475 0	-15 5	-37 7	17 7	3 4	-1 0	-3 3	318 8	319 9	0 3	12 9	0 7	26
19 3	71.4	6550 8	450.0	-18 4	-38 5	40 3	4 4	-2 8	-3 4	320 1	321 2	0 3	15 1	0 3	22
20 7	74 9	6974.3	425.0	-21 9	-39 9	6 7	4 3	-0 5	-4 3	321 0	322 0	0 3	17 7	0 1	256
22 4	78 4	7417.5	400 0	-25 6	-36 4	342 4	3 5	1 1	-3 3	321 7	323 2	0 4	35 5	0 4	183
24 1	82.1	7881.7	375.0	-29 7	-38 9	336 7	4 6	1 7	-4 3	322 3	323 5	0 3	40 1	0 8	171
25 9	85 9	8369.9	350.0	-33 4	-43 7	315 5	4 9	3 5	-3 5	323 8	324 6	0 2	34 2	1 3	162
27 8	89.8	8885.9	325 0	-37 5	-49 0	301 8	6 6	5 6	-3 5	325 0	325 5	0 1	28 5	1 8	150
29 8	94.0	9432.9	300 0	-41 7	99 9	298 9	7 9	6 9	-3 8	326 6	999 9	99 9	999 9	2 7	140
32 2	98.3	10015.4	275.0	-47 2	99 9	292 9	8 8	8 1	-3 4	328 9	999 9	99 9	999 9	3 7	133
34 6	102 8	10639.9	250 0	-51 8	99 9	283 3	11 5	11 1	-2 6	329 1	999 9	99 9	999 9	5 2	126
37 1	107.5	11314.1	225.0	-57 3	99 9	283 0	11 4	11 1	-2 8	330 7	999 9	99 9	999 9	6 8	120
40 0	112 7	12048 4	200 0	-63 3	99 9	285 0	13 5	13 0	-3 5	332 5	999 9	99 9	999 9	9 8	116
42 9	118.2	12863.8	175 0	-65 2	99 9	285 4	15 9	15 3	-4 2	342 3	999 9	99 9	999 9	11 4	113
46 4	124 2	13811 2	150.0	-62 0	99 9	292 6	15 3	14 1	-5 9	353 3	999 9	99 9	999 9	14 8	113
50 5	130.7	14940.5	125.0	-62 5	99 9	287 5	15 3	14 6	-4 6	381 9	999 9	99 9	999 9	18 3	112
55 1	138.3	16315 1	100.0	-62 7	99 9	289 9	13 3	12 5	-4 5	406 6	999 9	99 9	999 9	22 2	112
60 9	148.7	18000 8	75.0	-60.8	99 9	299 5	8.5	7 4	-4 2	445 4	999 9	99 9	999 9	26 3	113
69 8	156.5	20611.6	50.0	-58 0	99 9	350 0	4 6	0 8	4 5	506 9	999 9	99 9	999 9	28 6	114
84 5	167 0	25041.5	25 0	-50 9	99 9	8 3	3 2	-0 5	-3 1	638 2	999 9	99 9	999 9	27 8	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 363
AMARILLO, TEXAS

1 MAY 1982
1400 GMT

150 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.2	1094.0	898.5	10.0	8.6	140.0	3.1	-2.0	2.4	292.0	313.1	8.0	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	19.8	1314.2	875.0	8.2	8.1	169.7	2.4	-0.4	2.4	292.4	313.0	7.8	99.3	0.1	343
1.6	22.4	1553.7	850.0	6.9	6.8	180.8	2.4	0.4	2.4	293.4	312.9	7.3	99.2	0.3	349
2.4	25.1	1799.2	825.0	6.0	5.9	291.8	2.7	1.0	2.5	295.0	314.0	7.1	99.1	0.4	0
3.1	27.8	2051.0	800.0	5.4	5.3	185.0	3.2	0.3	3.2	298.9	315.8	7.0	99.1	0.5	3
4.0	30.5	2311.8	775.0	4.3	4.2	190.4	3.5	0.6	3.5	298.5	316.8	6.7	98.9	0.7	3
4.9	33.2	2578.0	750.0	3.4	1.9	205.0	3.9	1.7	3.5	300.3	316.6	5.9	89.8	0.9	6
5.8	36.1	2853.4	725.0	2.1	-0.8	226.7	5.1	3.7	3.5	301.7	316.0	5.1	82.4	1.1	14
6.6	38.9	3136.5	700.0	0.9	-2.5	223.8	4.2	2.9	3.0	303.4	316.4	4.6	78.1	1.3	21
7.8	41.8	3428.3	675.0	-0.8	-5.6	175.9	1.3	-0.1	1.3	304.8	315.5	3.7	68.6	1.5	23
8.8	44.8	3728.7	650.0	-2.7	-7.6	307.3	1.3	1.1	-0.6	305.9	315.6	3.3	68.9	1.5	22
9.9	47.7	4039.3	625.0	-4.1	-9.8	16.3	3.6	-1.0	-3.5	307.8	316.6	2.9	65.1	1.3	24
11.0	50.7	4360.4	600.0	-5.8	-25.2	358.5	3.8	0.0	-3.8	309.4	312.1	0.8	19.8	1.1	26
12.1	53.8	4692.5	575.0	-6.2	-27.5	341.0	3.6	1.2	-3.4	312.8	315.1	0.7	16.4	0.9	37
13.3	56.9	5038.9	550.0	-7.6	-36.7	319.8	1.6	1.0	-1.2	314.8	316.7	0.5	13.9	0.8	49
14.6	60.1	5399.9	525.0	-10.5	-32.7	188.3	0.5	-0.1	0.5	315.8	317.4	0.5	14.1	0.8	51
15.9	63.3	5774.0	500.0	-12.8	-33.7	21.3	2.0	-0.7	-1.8	317.4	318.9	0.4	15.5	0.8	51
17.2	66.6	6163.8	475.0	-14.6	-36.4	353.8	4.9	0.5	-4.8	319.9	321.2	0.4	13.8	0.7	71
18.8	70.0	6570.5	450.0	-17.8	-38.0	1.7	4.8	-0.1	-4.8	320.8	322.2	0.4	18.5	0.7	115
20.2	73.5	6995.3	425.0	-21.1	-38.7	349.6	3.4	0.6	-3.3	322.0	323.1	0.3	16.7	0.9	134
21.8	77.1	7439.4	400.0	-25.0	-39.9	332.0	3.0	1.4	-2.8	322.6	323.6	0.3	23.3	1.1	140
23.4	80.7	7905.2	375.0	-28.5	-44.2	308.3	3.4	2.8	-2.1	323.8	324.5	0.2	20.3	1.5	141
25.1	84.5	8395.8	350.0	-32.3	-48.9	298.2	4.4	3.9	-1.9	325.2	325.6	0.1	17.2	1.8	136
26.8	88.4	8913.0	325.0	-36.8	-52.9	304.6	9.3	7.8	-5.3	326.0	326.3	0.1	16.8	2.5	133
28.8	92.5	9462.3	300.0	-41.4	99.9	291.3	10.2	9.5	-3.7	327.0	999.9	99.9	999.9	3.8	129
30.5	96.7	10046.3	275.0	-46.5	99.9	279.9	10.5	10.3	-1.8	327.9	999.9	99.9	999.9	4.6	123
32.6	101.2	10671.7	250.0	-51.7	99.9	282.8	13.6	13.3	-3.0	329.2	999.9	99.9	999.9	6.0	118
34.6	105.8	11348.2	225.0	-55.9	99.9	284.9	15.3	14.8	-3.9	332.8	999.9	99.9	999.9	8.0	114
37.4	110.8	12090.2	200.0	-60.6	99.9	282.6	13.4	13.1	-2.9	336.5	999.9	99.9	999.9	10.1	112
40.2	116.2	12913.0	175.0	-62.8	99.9	299.5	14.9	12.9	-7.3	348.4	999.9	99.9	999.9	12.6	111
43.4	122.0	13806.3	150.0	-61.4	99.9	297.4	15.7	14.0	-7.2	14.3	999.9	99.9	999.9	15.2	113
47.1	128.2	15901.0	125.0	-60.8	99.9	295.8	15.9	14.4	-8.9	35.0	999.9	99.9	999.9	19.0	114
51.3	135.0	16384.5	100.0	-61.8	99.9	296.1	12.8	11.5	-5.6	408.3	999.9	99.9	999.9	22.4	114
56.9	143.0	18162.4	75.0	-60.7	99.9	307.6	10.8	8.6	-6.6	445.6	999.9	99.9	999.9	26.4	115
63.8	151.3	20000.2	50.0	-58.1	99.9	313.7	4.8	3.5	-3.3	508.6	999.9	99.9	999.9	28.6	117
74.2	160.0	25107.5	25.0	-53.8	99.9	38.9	3.1	-1.9	-2.4	630.0	999.9	99.9	999.9	27.7	121

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 383
AMARILLO, TEXAS

1 MAY 1982
1700 GMT

147 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.6	1094.0	898.6	12 8	9.4	190.0	6 2	1 1	6.1	294 8	316.9	8 3	80 0	0 0	0
99.9	99.9	99.9	1000.0	99 9	99.9	99.9	99.9	99.9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	99.9	950.0	99.9	99 9	99.9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	925.0	99.9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	900.0	99.9	99.9	99 9	99.9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
0.6	18.8	1317.2	875.0	10.5	9.6	173.6	4.5	-0 5	4 4	294.7	317.5	8 6	94 0	0 3	353
1.4	21.3	1558.4	850.0	8 4	8.2	187 6	3.7	0.5	3 7	295 0	316 5	8 1	98 3	0 5	355
2.3	23 9	1805.2	825.0	7.1	6.8	199.5	4.4	1.5	4.1	296 1	316 5	7 6	98 1	0 6	2
3 2	26.5	2058.6	800.0	6 2	4.7	191 2	5 0	1 0	4.9	297 7	316.0	6 7	90 0	0 9	6
4.0	29.0	2318.9	775.0	5.3	1 6	204 3	3 3	1 4	3 0	299.5	314.9	5 6	76 8	1 1	7
4.9	31.7	2586.9	750.0	4.4	1.0	225 9	3 3	2.4	2.3	301 4	316 8	5 5	78 4	1 3	11
5 9	34.3	2863.2	725.0	4 3	-2.2	221 9	3 4	2 3	2.5	304 2	317 1	4 5	62 7	1 4	15
6.8	37.0	3148.6	700.0	3.3	-3.2	202.3	4 2	1 6	3 9	306 1	318 6	4 3	62 3	1 6	18
7 9	39.7	3442 9	675.0	1 3	-4 7	176 1	4 3	-0 3	4 3	307 1	318 8	4 0	64 1	1 9	16
8 9	42.4	3745 8	650.0	-1 0	-5.2	153 1	2 7	-1 2	2.4	307 8	319 6	4 0	73 0	2 1	13
9 8	45.1	4058 2	625.0	-2 3	-8.9	78.0	2 5	-2 4	-0.5	309 8	319 2	3 1	61 1	2 2	11
11 0	48.0	4382.7	600.0	-2.4	-18 8	23 1	3 9	-1 5	-3.6	313.4	318 0	1 5	27 3	2 0	7
12 2	50.9	4718.9	575.0	-5.2	-22.5	351 4	4 6	0 7	-4 6	313 9	317 5	1 1	24 2	1 7	8
13.3	53.9	5066.6	550.0	-6.9	-29 3	322.4	4.1	2 5	-3.2	315 9	318.0	0 6	14 8	1 4	14
14.6	56.9	5427.8	525.0	-9.9	-29.1	289 0	3 2	3 0	-1 0	316 6	318.8	0 7	19 0	1 3	26
15 8	59.9	5802.9	500.0	-11 5	-30 5	319 6	1 9	1 2	-1 5	319 0	321 0	0 6	18 9	1 4	32
17 1	62 9	6193.5	475.0	-14 5	-34 3	359 2	2 7	0 0	-2 7	320 1	321 6	0 4	16 6	1 2	36
18.5	66.1	6601.2	450 0	-17 2	-35 0	333.8	2 5	1 1	-2 2	321 7	323 2	0 4	19 4	1 1	44
19.9	69.4	7027.6	425.0	-20.0	-34.6	308.1	3 5	2 7	-2.1	323.3	325 0	0 5	25 7	1 1	56
21.4	72 7	7474 3	400.0	-23.2	-37.6	320 2	5 1	3 3	-4 0	324 8	326 2	0 4	25 1	1 2	74
22.9	76 3	7942.9	375.0	-27.1	-41 9	303 8	6 0	5 0	-3 3	325 8	326 7	0 3	22 8	1 5	90
24.4	79.9	8435 6	350.0	-31.3	-44.7	300 3	6 8	5 9	-3 4	326 6	327.3	0 2	25 0	2 1	98
26 1	83.5	8955.9	325.0	-36 1	-46.8	296 3	8 6	7 7	-3 8	327 0	327 6	0 2	31 8	2 8	104
27 8	87.4	9506.7	300.0	-40 7	99 9	294 5	10 9	9 9	-4 5	328 0	999.9	99 9	999 9	3 8	106
29.8	91 5	10092 3	275.0	-45 8	99.9	300 6	11 1	9 5	-5 6	328 8	999 9	99 9	999 9	5 1	110
31.7	95.7	10721.5	250.0	-49 4	99 9	286.2	12 8	12 3	-3 6	332 6	999 9	99 9	999 9	6 4	110
33 8	100.2	11404 3	225.0	-54.5	99.9	282 0	13 4	13 1	-2 8	335 0	999 9	99 9	999 9	8 1	109
35 9	104.8	12150.8	200.0	-58.3	99.9	284 4	13 7	13 2	-3 4	340 5	999 9	99 9	999 9	9 8	108
38.4	110.0	12985.0	175.0	-62 0	99 9	296 1	12 3	11 0	-5 4	347 6	999 9	99 9	999 9	11 8	108
41 3	115 5	13936 0	150.0	-60 1	99.9	288.2	14 3	13 6	-4 5	366 6	999 9	99 9	999 9	13 8	109
44.8	121.5	15070.0	125.0	-61.4	99.9	297.6	17 0	15 0	-7 9	383 8	999 9	99 9	999 9	17 4	110
48.9	128.3	16460.8	100.0	-60.2	99.9	294.6	13 6	12 4	-5 7	411 5	999 9	99 9	999 9	21 2	111
54 2	136.3	18243.6	75.0	-59 8	99.9	313 7	9 1	6 6	-6 3	447 5	999 9	99 9	999 9	24 6	113
61.1	145.0	20792.1	50.0	-57.7	99.9	239 4	3 2	2 8	1.6	507 4	999 9	99 9	999 9	26 2	115
71 9	155 0	25218.9	25.0	-51 2	99.9	312 8	1 7	1 2	-1 2	637 6	999 9	99 9	999 9	25 6	116

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

STATION NO 363
AMARILLO, TEXAS

1 MAY 1982
2000 GMT

152 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.5	1094 0	897.5	15.0	9.4	210 0	5 2	2 6	4.5	297.2	319 5	8 3	69 0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99.9	99 9	99.9	99.9	99.9	99.9	99.9	999 9	99.9	999 9	999 9	999
99.9	99.9	99 9	950 0	99 9	99.9	99.9	99 9	99 9	99.9	99.9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	925.0	99 9	99.9	99.9	99 9	99.9	99.9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	900.0	99.9	99.9	99 9	99 9	99 9	99.9	99.9	999 9	99 9	999 9	999 9	999
0.9	19.9	1307 7	875 0	11.9	7.9	203.0	5.8	2.7	5 1	296 2	318 8	7 7	76 2	0 2	25
1.6	22 5	1550.2	850 0	10.2	6.9	210 6	7 1	3 6	6.1	296.8	316 7	7 4	79 9	0 5	27
2.7	25.2	1798.1	825 0	8.0	6.6	214 5	6 8	3 9	5.6	297 1	317 2	7 5	90 7	1 0	29
3.5	27.7	2051 9	800 0	6.6	5 7	220 1	5 2	3.3	4.0	298 2	317 9	7 2	93 9	1 2	31
4.5	30 4	2312 7	775 0	5 5	4.0	224.7	5 0	3 5	3.5	299 7	318 0	6 6	90 3	1 5	33
5.4	33.1	2581.3	750 0	6.0	0 1	233.6	4 1	3.3	2 5	303 1	317 8	5 2	65 8	1 8	35
6.5	35 9	2858 9	725 0	4.9	-1.4	238 3	5 4	4 6	2.8	304 9	318 5	4 8	63.3	2 1	36
7.6	38.7	3144.7	700.0	3.1	-2.5	210.6	4.8	2 4	4 1	306.0	319 1	4 5	66.2	2 4	40
8.7	41.4	3438.6	675.0	1.2	-4 2	166 6	3 0	-0.7	2 9	307 0	319 1	4 2	67.0	2 6	38
9.8	44.3	3741.5	650.0	-1.0	-5.3	112 5	3 5	-3.2	1 3	307 9	319.5	4 0	72 3	2 7	34
11.0	47.2	4054.4	625.0	-1.0	-14.0	86.1	3.7	-3.7	-0 2	311 3	317 7	2 1	36 5	2 6	28
12.2	50.1	4379 1	600.0	-2.9	-15.1	36 1	3.4	-2.0	-2.8	312 8	318 9	2 0	38 1	2 4	25
13.4	53.1	4715.1	575.0	-5.1	-17.2	8 4	4.2	-0.6	-4 1	314 0	319.5	1 7	37 9	2 1	26
14.7	56 1	5062.6	550 0	-7.8	-20.2	341.5	3 7	1.2	-3.5	314 8	319.3	1 4	36 6	1 8	30
16.1	59.3	5423.5	525.0	-9.4	-25.7	309.4	3.3	2.6	-2.1	317 1	320.1	0 9	25 1	1 7	39
17.6	62 4	5799.3	500 0	-11.3	-29.9	309 7	2.1	1 6	-1 3	319.3	321 4	0 6	19 7	1 7	47
19.0	65.6	6191.3	475.0	-13.7	-27.9	294.7	2 4	2.2	-1.0	321 1	323 8	0 8	28 9	1 8	52
20.6	68.9	6599 8	450 0	-16.8	-30.3	264.7	3 7	3.7	0 3	322 2	324 5	0 7	29 5	2 0	58
22.3	72.3	7026.1	425 0	-20.3	-33.3	251 0	3.7	3 5	1 2	322.9	324.8	0 5	30 0	2 4	61
24.1	75 7	7472 2	400.0	-23.6	-36.6	270.0	6 0	6.0	-0 0	324.3	325 8	0 4	28 8	2 8	63
25.7	79 3	7940.2	375.0	-27.9	-37.8	280.1	7.6	7.4	.3	324 7	326 1	0.4	38 2	3 4	7[illegible]
27.6	83 0	8431.7	350.0	-31.8	-40.9	284 4	9.3	9.0	-2.3	325 9	327 0	0 3	39 4	4 2	77
29.4	86.5	8951.4	325.0	-36.2	-45.0	291 4	11 1	10 4	-4.1	326 9	327 6	0.2	39 0	5 2	83
31.5	90.5	9501 2	300.0	-41.2	99.9	293.4	11 8	10.8	-4.7	327 3	999.9	99 9	999.9	6 5	90
33.6	94 7	10080 0	275 0	-45.7	99.9	280 5	12 4	12 2	-2 3	329 1	999.9	99 9	999 9	8 0	93
35.8	99.0	10715 5	250 0	-50.0	99.9	279 1	13.7	13.5	-2 2	331.7	999 9	99.9	999 9	9 7	94
37.9	103.6	11395 6	225 0	-55.3	99.9	287.5	13.4	12 8	-4.0	333.7	999 9	99 9	999 9	11 5	95
40.3	108.5	12143.1	200 0	-58.0	99.9	301.1	12.7	10.8	-6 5	340.9	999.9	99.9	999 9	13 0	98
42.8	113.8	12974.9	175.0	-62.0	99.9	288 0	15.0	14.3	-4.3	347 6	999 9	99 9	999 9	15 1	101
45.6	119.5	13930 3	150 0	-61 0	99 9	292 4	16 8	15 6	-6.4	365 1	999 9	99 9	999 9	17 8	101
48.9	126.0	15061.9	125 0	-61.9	99.9	290 7	15 9	14 9	-5 6	383.0	999 9	99 9	999 9	20 8	103
53.2	133.3	16445 2	100 0	-62.1	99.9	297 5	15 1	13.4	-7 0	407.8	999 9	99 9	999 9	24.8	105
58.3	141.7	18224 5	75.0	-61.0	99.9	308.7	8 6	6 7	-5 4	445 0	999 9	99 9	999 9	28 5	107
65.6	151.5	20758 2	50.0	-57.7	99.9	329.7	2.9	1.4	-2 5	507 5	999 9	99 9	999 9	29 7	109
77.1	162.5	25197.8	25.0	-51.4	99.9	999.9	99 9	99 9	99 9	637.1	999 9	99 9	999 9	29 7	111

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ORIGINAL PAGE IS
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AMARILLO, TEXAS

1 MAY 1982
2300 GMT

156 9 0

TIME MIN	CNTCT .	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.2	1094.0	896.0	15.8	9.5	170.0	8.2	-1.4	8.1	298.0	320.5	8.4	67.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	19.3	1294.2	875.0	12.1	8.7	171.5	8.2	-1.2	8.1	296.4	318.2	8.1	79.7	0.3	349
1.5	22.0	1536.8	850.0	10.4	7.6	191.0	8.2	1.6	8.1	297.0	317.8	7.7	82.8	0.7	353
2.3	24.6	1785.5	825.0	8.9	6.8	208.9	7.2	3.5	6.3	298.0	318.6	7.6	87.0	1.1	4
3.3	27.3	2039.7	800.0	6.6	5.9	214.7	6.9	4.0	5.7	298.2	318.0	7.3	95.1	1.4	12
4.2	30.0	2300.1	775.0	4.8	4.3	202.2	5.4	2.0	5.0	299.0	317.5	6.7	96.1	1.7	16
5.2	32.8	2569.3	750.0	6.3	-1.4	204.4	4.8	2.0	4.4	303.4	316.6	4.6	58.0	2.1	16
6.2	35.4	2847.0	725.0	5.0	-2.8	214.1	4.5	2.5	3.7	305.0	317.4	4.3	56.9	2.3	18
7.2	38.3	3132.4	700.0	2.6	-4.0	197.4	5.7	1.7	5.5	305.4	317.1	4.1	61.5	2.6	19
8.2	41.1	3426.1	675.0	1.4	-5.3	163.2	4.4	-1.3	4.2	307.2	318.4	3.8	60.7	2.9	18
9.3	44.0	3729.4	650.0	0.7	-11.4	115.9	3.1	-2.8	1.4	309.7	317.2	2.5	40.0	3.1	14
10.5	46.9	4043.9	625.0	-0.7	-15.2	45.0	3.1	-2.2	-2.2	311.7	317.5	1.9	32.3	3.0	11
11.6	49.9	4368.6	600.0	-3.2	-16.5	13.7	4.0	-0.9	-3.9	312.5	318.0	1.8	34.7	2.8	10
12.8	52.9	4704.3	575.0	-4.9	-21.7	355.1	4.3	0.4	-4.3	314.2	318.0	1.2	25.6	2.4	11
14.1	55.9	5052.8	550.0	-6.6	-27.7	344.8	3.3	0.9	-3.1	316.3	318.7	0.7	16.6	2.2	14
15.3	58.9	5415.2	525.0	-7.8	-29.2	327.4	2.1	1.1	-1.8	319.1	321.3	0.6	15.9	2.0	17
16.7	62.0	5792.7	500.0	-10.3	-31.7	286.3	2.3	2.2	-0.7	320.5	322.4	0.5	15.2	2.0	21
18.1	65.3	6185.2	475.0	-13.8	-33.0	248.4	3.9	3.7	1.4	320.9	322.6	0.5	17.8	2.1	27
19.6	68.5	6593.4	450.0	-17.1	-31.8	261.3	4.8	4.8	0.7	321.8	323.8	0.6	26.3	2.4	33
20.9	71.9	7019.2	425.0	-20.4	-36.1	279.9	6.1	6.0	-1.0	322.8	324.3	0.4	23.0	2.7	41
22.5	75.4	7465.4	400.0	-23.9	-38.0	288.3	7.3	6.9	-2.3	324.0	325.3	0.4	25.6	3.0	52
24.1	79.0	7932.3	375.0	-28.3	-38.5	295.9	9.4	8.5	-4.1	324.1	325.4	0.4	36.7	3.4	63
25.8	82.7	8423.2	350.0	-32.5	-41.2	292.0	11.3	10.5	-4.2	325.0	326.1	0.3	41.0	4.2	75
27.5	86.6	8940.4	325.0	-37.3	-43.7	284.8	11.9	11.5	-3.0	325.3	326.2	0.2	50.6	5.2	82
29.4	90.7	9487.5	300.0	-42.3	99.9	281.7	12.1	11.8	-2.4	325.7	999.9	99.9	999.9	6.5	86
31.3	94.8	10070.9	275.0	-46.3	99.9	284.9	14.0	13.5	-3.6	328.2	999.9	99.9	999.9	8.0	89
33.4	99.2	10697.4	250.0	-51.1	99.9	294.2	12.6	11.5	-5.2	330.1	999.9	99.9	999.9	9.6	93
35.8	104.0	11378.3	225.0	-53.9	99.9	306.0	9.5	7.7	-5.6	335.9	999.9	99.9	999.9	11.0	96
38.2	108.8	12126.6	200.0	-58.8	99.9	298.9	12.8	11.2	-6.2	339.6	999.9	99.9	999.9	12.2	100
40.9	114.2	12955.7	175.0	-62.6	99.9	289.0	17.4	16.4	-5.7	346.7	999.9	99.9	999.9	14.8	101
43.9	120.2	13911.0	150.0	-61.0	99.9	292.4	17.3	16.0	-6.6	365.0	999.9	99.9	999.9	18.0	104
47.4	126.7	15044.0	125.0	-60.4	99.9	296.9	18.1	16.1	-8.2	385.7	999.9	99.9	999.9	21.6	105
51.7	134.3	16426.2	100.0	-62.6	99.9	301.9	13.4	11.4	-7.1	406.8	999.9	99.9	999.9	25.5	107
56.9	143.0	18202.4	75.0	-63.2	99.9	328.0	7.1	3.9	-5.9	440.5	999.9	99.9	999.9	28.7	109
64.4	153.7	20737.9	50.0	-57.6	99.9	0.8	3.6	-0.1	-3.6	507.8	999.9	99.9	999.9	29.5	112
76.1	165.3	25191.8	25.0	-50.0	99.9	147.6	4.3	-2.3	3.7	641.2	999.9	99.9	999.9	28.9	117

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 363
AMARILLO, TEXAS

2 MAY 1982
200 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 T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	17 4	1094 0	895 4	10.6	8 9	150 0	4 1	-2 1	3 6	292 9	314 1	8 0	89 0	0 0	0
99 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	975.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	950.0	99 9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	19 6	1287 4	875 0	11 6	9 4	160 8	7 2	-2 4	6 8	295 8	318 6	8 5	86 9	0 3	331
1 5	22 1	1529 7	850.0	10.1	8 9	185 0	7 1	0 6	7.0	298 7	319 5	8 5	92 5	0 7	340
2 3	24 8	1777 8	825.0	8 4	7 5	203 1	9 0	3 5	8 3	297 5	318 8	7 9	93 8	1 0	354
3 1	27 3	2031 9	800 0	6.3	5 4	207 2	7 8	3 6	6 9	297 9	317 2	7 1	93 8	1 4	4
3 9	30 1	2293 2	775 0	7.6	1 4	199 6	5 4	1 8	5 1	302 0	317 4	5 5	65 0	1 7	8
4 7	32 8	2563 0	750 0	6.0	-1 1	210 7	4 3	2 2	3 7	303 1	316 6	4 7	60 4	1 9	9
5 5	35 4	2840 0	725 0	4 2	-2.9	215 1	4 6	2 7	3 8	304 0	316 3	4 3	60 0	2 1	12
6 4	38 2	3125 2	700 0	3.0	-4 6	197 5	4 4	1 3	4 2	305 8	317 2	3 9	57 5	2 3	14
7 3	41 0	3418 9	675 0	1.7	-8 7	174 5	3 6	-0 3	3 5	307 5	316 3	2 9	46 1	2 5	13
8 3	43 9	3723 3	650 0	0.8	-12 8	120 6	2 1	-1 8	1 0	309 9	316 6	2 2	35 3	2 7	11
9 3	46 8	4037 1	625 0	-1.5	-13 7	51.3	3 2	-2 5	-2 0	310 7	317 3	2 1	38 8	2 6	9
10 3	49 7	4361 4	600 0	-3.0	-17 3	30 3	4 7	-2 4	-4 1	312 7	317 9	1 6	32 0	2 4	6
11 3	52 6	4697 1	575 0	-5 0	-24 5	17.6	4 5	-1 4	-4 3	314 1	317 1	0 9	20 0	2 1	4
12 4	55 6	5044 7	550 0	-7 6	-25.5	3 5	3 2	-0 2	-3 2	315 1	318 0	0 9	22 1	1 8	3
13 4	58 7	5406 0	525 0	-9 0	-27 2	332 5	1 3	0 6	-1 1	317 7	320 3	0 8	21 2	1 7	3
14 6	61 9	5781 1	500 0	-12.5	-30 6	250.3	0 8	0.8	0 3	317 8	319 8	0 6	20.3	1 7	4
15 7	65 0	6170 7	475 0	-15.5	-32 6	248 4	1.8	1 7	0 7	318 8	320 6	0 5	21 3	1 7	7
16 9	68 4	6578.5	450 0	-18 7	-29 6	292 7	3 6	3 3	-1 4	319 7	322 2	0 7	37 5	1 8	12
18 2	71 7	6999 5	425 0	-22 0	-32 4	315.1	4 9	3 4	-3 5	320 8	322 8	0 6	38 1	1 6	23
19 5	75 1	7442 0	400.0	-26 2	-34 2	300 4	5 6	4.9	-2.9	321.0	322 8	0 5	46 2	1 6	36
20 8	78 7	7905 4	375 0	-29 9	-37 6	294 7	7 1	6 4	-3 0	322 0	323 4	0 4	46 7	1 7	53
22 3	82 4	8392 7	350 0	-34.5	-41 4	293 8	8 0	7 3	-3 2	322 3	323 3	0 3	49 1	2 2	69
23 7	86 1	8905 6	325 0	-38 7	-47 5	289 4	10 1	9 5	-3 3	323 3	323 9	0 2	38 4	2 8	80
25 2	90 0	9450 8	300.0	-42.3	99 9	297 8	11 6	10 3	-5 4	325 8	999 9	99 9	999 9	3 7	88
27 0	94 2	10032 7	275.0	-47.3	99 9	305 2	9.1	7 5	-5 3	326 8	999 9	99 9	999.9	4 6	96
28 8	98 5	10657 5	250.0	-50.9	99 9	287 0	8 5	8 1	-2 5	330 5	999 9	99 9	999.9	5 5	100
30 8	103 2	11337.2	225.0	-55.4	99 9	288 8	9 2	8 7	-3 0	333 6	999 9	99 9	999 9	6 5	101
32 6	108 0	12078 4	200.0	-61 0	99 9	287 3	13 8	13 2	-4 1	336 2	999 9	99 9	999 9	7 7	102
34 5	113 4	12901 1	175 0	-63 3	99 9	294 3	17 4	15 8	-7 1	345 5	999 9	99 9	999 9	9 5	103
36 4	119 0	13854 0	150.0	-62 8	99 9	295 7	19 6	17 6	-8 5	361 9	999 9	99 9	999 9	11 6	106
38 9	125 2	14974 0	125.0	-63.5	99 9	303 1	16 9	14 2	-9 2	380 1	999 9	99 9	999 9	14 4	108
41 7	132 3	16343 7	100.0	-64 0	99 9	308 2	11.4	9 0	-7 0	404 1	999 9	99 9	999 9	16 6	111
45 6	140 3	18105.0	75 0	-64 5	99 9	331.7	7 3	3.4	-6 4	437 7	999 9	99 9	999 9	18 6	113
51 6	149 3	20604 8	50.0	-60.7	99 9	24 2	4 8	-2 0	-4 4	500 6	999 9	99 9	999 9	19 5	117
63 1	159 0	24974.2	25 0	-56.0	99 9	53.4	3 5	-2 8	-2 1	623 7	999 9	99 9	999 9	17 8	126

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ORIGINAL PAGE IS
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STATION NO 363
AMARILLO, TEXAS

2 MAY 1982
500 GMT

150 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18 1	1094.0	896.1	7.8	7 8	150.0	5.2	-2.6	4 5	289 9	309.4	7 4	100 0	0 0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	950.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	900.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 8	20.3	1292 6	875.0	10 2	10.0	168 4	12 9	-2 6	12.6	294 4	317 9	8 9	98 5	0 6	339
1 6	23 0	1534 4	850 0	10 0	9 8	186 3	11 0	1.2	11 0	296 6	320 6	9 0	98 4	1 2	347
2 6	25 8	1782 7	825 0	8 7	8 2	197 8	9 3	2 8	8 9	297 8	320 2	8 3	96 8	1 7	356
3.5	28 6	2037.6	800.0	7 8	4 2	201 8	6 9	2 6	6.4	299 5	317 4	6 5	78 2	2 1	2
4.[illegible]	31 4	2299 8	775 0	7 9	-0 1	201 8	4 5	1 7	4 1	302 4	316 3	4 9	58 9	2 4	4
5 5	34 3	2569.8	750.0	6 3	-1 5	227 8	2 9	2 2	2 0	303 4	316 5	4 6	57 6	2 6	6
6 5	37 1	2847 1	725.0	4 7	-3.6	216 6	3.2	1 9	2 6	304 7	316 4	4 0	54 7	2 7	9
7 6	40 0	3132 3	700 0	3.0	-4 2	193 5	3 8	0 9	3.7	305 8	317 4	4 0	58 9	3 0	10
8 7	43.0	3426.5	675.0	3 0	-14.1	174 1	3 0	-0 3	3 0	309 0	314 9	1 9	27 2	3 2	9
9 9	46 0	3731.1	650.0	0 8	-13.6	143 4	2 1	-1 2	1 7	309 9	316 3	2 1	33 0	3 4	8
11.0	49 0	4045.0	625 0	-1 2	-14 4	94.7	1 8	-1 8	0 1	311 0	317 2	2 0	35 9	3 4	6
12 2	52.0	4369.7	600.0	-3.0	-24.1	69 4	2 5	-2 3	-0 9	312 7	315 6	0 9	17 7	3 4	4
13 4	55 1	4705.7	575.0	-4.8	-24 6	55 4	2 6	-2 2	-1 5	314 4	317 4	0 9	19 3	3 3	1
14 7	58 3	5053.5	550.0	-7.6	-25 5	64 3	2 6	-2 4	-1 1	315 0	317 9	0 9	22 4	3 1	358
16 0	61 5	5413.9	525.0	-10 2	-22 9	72 3	1 7	-1 6	-0 5	316 2	319 9	1 1	34 3	3 1	354
17 3	64 9	5787.9	500.0	-13 1	-26.2	87 5	0 7	-0 7	-0 0	317 1	320 0	0 9	32 3	3 1	353
18 9	68 1	6176.3	475 0	-16 3	-34 7	213 1	1 8	0 8	1 3	317 8	319 3	0 4	18 9	3 1	353
20 5	71 6	6580.9	450.0	-19.3	-32.3	268 0	2 2	2 2	0 1	319 0	321 0	0 6	32 7	3 2	356
22.2	75 1	7003 3	425.0	-22.5	-31 7	305.6	3 0	2 4	-1 8	320 1	322 3	0 6	42 8	3 1	0
24 0	78 7	7445.7	400.0	-25 9	-34 7	288 1	5 2	4 9	-1 6	321 3	323 0	0 5	43 4	2 9	7
25.7	82 5	7909.2	375.0	-30.2	-39.1	277 5	7 0	6 9	-0 9	321 6	322 9	0 3	41 1	3 0	20
27 6	86 3	8395 7	350 0	-34 1	-46 3	292 4	7 3	6 8	-2 8	322 8	323 4	0 2	28 1	3 2	35
29 6	90 3	8910.1	325 0	-38 1	99 9	301 1	9 3	7 9	-4 8	324 2	999 9	99 9	999 9	3 4	51
31.5	94.3	9456.1	300.0	-42 6	99 9	308 2	8 4	6 6	-5 2	325.3	999 9	99 9	999 9	3 6	67
33 7	98 7	10038.0	275.0	-46 7	99 9	297 3	8 0	7 1	-3 7	327 6	999 9	99 9	999 9	4 5	78
36.2	103 2	10665 4	250.0	-50.2	99.9	299 4	8 6	7 5	-4 2	331 4	999 9	99 9	999 9	5 5	86
38.8	107 8	11344.8	225.0	-55.7	99.9	292 8	12 4	11 4	-4 8	333 2	999 9	99 9	999 9	7 0	92
41 5	112 8	12085.2	200.0	-60 9	99 9	292 3	13 7	12 6	-5 2	336 3	999 9	99 9	999 9	8 9	97
44 4	118 2	12909.0	175.0	-63.8	99.9	295 0	16 4	14 9	-6 9	344 7	999 9	99 9	999 9	11 5	100
48 1	124 0	13857.9	150.0	-62 6	99.9	298 2	17 2	15 2	-8 1	362 2	999 9	99 9	999 9	15 0	105
52.2	130 2	14978.6	125.0	-64 5	99.9	301 8	15 8	13.4	-8 3	378.3	999 9	99 9	999 9	19 3	108
57.0	137 0	16344.5	100.0	-63.9	99 9	306 1	11 1	8 9	-6 5	404 2	999 9	99 9	999 9	22 9	111
63.2	144.7	18104.2	75.0	-64.3	99.9	324 9	5 4	3 1	-4.4	438 2	999 9	99 9	999 9	25 4	113
71.5	153 0	20600.9	50.0	-61.5	99.9	141 0	4 6	-2 9	3.6	498 6	999 9	99 9	999 9	26 4	114
84 6	161 7	24988.3	25.0	-53 1	99 9	188 7	4 4	0 7	4 3	632 4	999 9	99 9	999 9	23 7	121

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ORIGINAL PAGE IS
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STATION NO 363
AMARILLO, TEXAS

2 MAY 1982
1105 GMT

148 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.0	1094 0	895 6	11 1	10.0	210 0	5.2	2 6	4 5	293 4	316 2	8 7	93.0	0 0	0
99.9	99.9	99 9	1000 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	975 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	925 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999.9	99 9	999 9	999 9	999
0 6	19.1	1288 2	875 0	9 7	9 3	215 6	8 7	5 1	7 1	293 8	316 2	8 5	97 7	0 3	30
1 4	21.7	1529 2	850 0	9 1	7 7	202 6	10 0	3 8	9 2	295 7	316 6	7 8	91 0	0 8	31
2.3	24.3	1776 6	825 0	7 9	6 0	197 1	9 3	2 7	8 9	298 9	316 3	7 2	88 1	1 3	25
3 1	27.0	2030 1	800 0	6 2	5.5	209 1	7 5	3 6	6 5	297 7	317 1	7 1	95 4	1 7	24
4.0	29.6	2291 0	775 0	6.5	1.5	202 2	3 4	1 3	3 2	300 8	316 2	5 5	70 5	2 0	26
4.9	32.2	2560 3	750 0	6 3	-1.3	142 2	1 8	-1 1	1 4	303 5	316 8	4 7	58 3	2 1	25
5.8	35.0	2837 5	725 0	4 3	-3 7	144.7	3 2	-1 8	2 6	304 2	315 8	4 0	56 1	2 1	22
6.7	37.7	3122 7	700 0	2 8	-5 4	161 0	3.2	-1 0	3 0	305 6	316 3	3 7	55 0	2 2	18
7.7	40.4	3416 4	675 0	1 7	-12.3	175 5	2 1	-0 2	2 1	307 5	314 5	2 3	36 2	2 4	16
8.7	43.2	3720 2	650 0	0.6	-15 2	127 2	1 0	-0 8	0 6	309 7	315 2	1 8	29 3	2 5	15
9 7	46.1	4033 6	625 0	-1.7	-19.4	200 2	0 7	0 3	0 7	310 5	314 7	1 3	24 5	2 5	14
10 9	49.0	4357 2	600 0	-3 0	-25.4	236 6	1 8	1 5	1 0	312 7	315 3	0 8	15 7	2 5	16
12 1	52 0	4693 4	575 0	-4 7	-26.9	195 0	1 8	0 5	1 8	314 5	316 9	0 7	15 6	2 6	17
13.3	55.0	5041.5	550 0	-7 1	-28 6	173 4	2 1	-0 2	2 1	315 7	317 9	0 7	16 0	2 8	16
14 6	58 0	5402 6	525 0	-9 3	-29 9	180 4	2 8	0 0	2 8	317 3	319 3	0 6	16 8	2 9	14
15 9	61.1	5778 0	500 0	-12 3	-33.8	225 6	3 3	2 3	2 3	318 1	319 6	0 4	14 6	3 2	15
17.3	64.4	6168 0	475 0	-15 1	-33 2	253 6	2 7	2 6	0 8	319 3	321 0	0 5	19 8	3 4	18
18 8	67.6	6574 4	450 0	-18 2	-32 0	270 2	2 1	2 1	-0 0	320 3	322 3	0 6	28 5	3 5	22
20.3	70.9	6997 9	425 0	-22 0	-34.5	249 7	3 0	2 8	1 1	320 8	322 4	0 5	31 0	3 5	24
21.9	74.3	7440 7	400 0	-25 7	-40 8	271.4	4 3	4 3	-0 1	321 6	322 5	0 3	22 8	3 9	29
23.7	77.9	7906 1	375 0	-28 8	-46.9	301 4	3 4	2 9	-1 7	323 4	324 0	0 1	15 5	3 9	34
25.5	81.4	8395 3	350 0	-33 2	-49.3	279 9	4.3	4 3	-0 7	324 0	324 4	0 1	17.8	4 0	40
27.5	85.2	8912 8	325 0	-36 8	-53.6	257 8	3 6	3 5	0 7	326 0	326 3	0 1	15 3	4 3	45
29.6	89.1	9461 5	300 0	-41 7	99.9	254 3	2 5	2 4	0.7	326 8	999 9	99 9	999 9	4 7	47
31.8	93.2	10045 1	275 0	-46 5	99 9	307 3	2 5	2 0	-1 5	327 9	999 9	99 9	999 9	4 8	49
34.1	97.4	10672 5	250 0	-50.4	99.9	302.9	4.2	3 5	-2 3	331 1	999 9	99 9	999 9	4 8	54
36.6	101.8	11352 0	225 0	-55 4	99 9	291 0	7.2	6 8	-2 6	333 6	999 9	99 9	999 9	5 4	62
39 5	106.8	12094 6	200 0	-60 5	99 9	286 7	9 0	8 6	-2 6	336 9	999 9	99 9	999 9	6 5	71
42.5	111.6	12919 4	175 0	-63.1	99 9	282 4	10 4	10 1	-2 2	345 8	999 9	99 9	999 9	7 8	79
45.8	117.5	13872 5	150 0	-61.7	99.9	283.0	12.5	12 2	-2 8	363 8	999 9	99 9	999 9	10 1	83
49.6	123.7	14995 9	125 0	-63 0	99.9	298.3	13 2	11.6	-6 2	380 9	999 9	99 9	999 9	12 7	90
54.3	130.7	16361.4	100 0	-64 4	99.9	306 2	11 5	9.3	-6 8	403 3	999 9	99 9	999.9	15 7	97
60.0	138.3	18126 3	75 0	-64 7	99.9	336 6	6.1	2 4	-5 6	437 3	999 9	99 9	999 9	18 0	101
67.8	147.3	20832 5	50.0	-59 6	99 9	341 1	5 5	1 8	-5 2	503 2	999 9	99 9	999 9	18 1	110
80.0	157.3	25062 1	25 0	-53 2	99 9	89 2	4.7	-4 7	-0 1	632 0	999 9	99 9	999 9	16 4	114

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 365
ALBEQUERQUE, NEW MEXICO

1 MAY 1982
1100 GMT

142 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	22 5	1619 0	841 7	10 2	5 0	80 0	4 1	-4 0	-0 7	297 7	315 5	6 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
99 9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	925 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99 9	900 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	875 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	850 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.5	24 4	1785.4	825 0	8 6	4 0	999 9	99 9	99 9	99 9	297 7	314 7	6 2	72 8	999 9	999
1 3	26 8	2039.7	800 0	7 0	3 3	999 9	99 9	99 9	99 9	298 7	315 4	6 1	77 3	999 9	999
2 3	29.6	2300 2	775 0	5 5	4 4	345 8	2 4	0 6	-2 3	299 7	318 3	6 8	92 7	0 4	226
3 3	32 2	2567.9	750 0	3 1	2 6	348 6	1 9	0 4	-1 8	300.0	317 0	6 2	96 1	0 6	213
4 2	34 9	2843 4	725 0	4 3	1 0	138 3	3 4	-2 3	2 5	304 2	320 3	5 7	79 2	0 5	214
5 4	37 6	3129 1	700 0	3 4	-3 0	189 7	5 2	0 9	5 2	306 3	319 0	4 4	62 9	0 2	263
6 5	40.3	3423 4	675 0	1 6	-4 0	219 4	3 5	2 2	2 7	307 4	319 7	4 2	66 4	0 3	330
7 6	43 1	3726 8	650.0	-0 2	-5 6	269 1	2 0	2 0	0 0	308 7	320 1	3 9	66 9	0 3	5
8 9	46 0	4040 3	625.0	-1 5	-9 2	259 8	1 9	1 9	0 3	310 8	320 0	3 1	55 7	0 3	21
10.1	48 9	4364 4	600 0	-4 0	-11 1	214.1	3 1	1 7	2 6	311 5	319 8	2 7	57 9	0 5	30
11 3	51 8	4698 8	575 0	-6 6	-12 3	194 6	3 8	1 0	3 6	312 3	320 3	2 6	63 9	0 8	27
12 6	54 8	5044 7	550 0	-9 1	-13 8	195 6	4 4	1 2	4 3	313 3	320 7	2 4	68 2	1 1	23
13 9	57 9	5403 5	525 0	-11 0	-17 4	213 5	3 2	1 8	2 7	315 2	321 0	1 9	59 1	1 4	22
15 4	61 0	5777 4	500 0	-12 9	-19 5	264 6	4 7	4 7	0 4	317 3	322 5	1 6	57 7	1 6	27
16 9	64 1	6166 5	475 0	-16 0	-20 3	283 4	8 1	7 9	-1 9	318 2	323 3	1 6	69 6	9	45
18 4	67 4	6572.0	450 0	-18 5	-31 1	284 5	9 2	8 9	-2 3	320 1	322 2	0 6	32 0	2 4	62
19 9	70 8	6995 9	425 0	-21 8	-35 7	281 3	9 0	8 8	-1 8	321 1	322 5	0 4	26 8	3 1	73
21 6	74 1	7439 2	400 0	-25 3	-30 8	261 2	7 1	7 0	1 1	322 1	324 6	0 7	60 0	3 8	77
23 4	77 7	7904 3	375.0	-29 2	-34 0	243 0	6 3	5 6	2 9	323 0	325 0	0 6	62 3	4 5	76
25 4	81 3	8393 5	350 0	-33 1	-39 5	239 8	7 9	6 9	4 0	324 2	325 4	0 4	52 7	5 3	74
27 7	85 3	8910 1	325.0	-37 4	-44 3	248 1	10 4	9 7	3 9	325 2	326 0	0 2	48 0	6 5	71
30 2	89 3	9457 4	300 0	-42 3	99 9	257 5	11 4	11 1	2 5	325 8	999 9	99 9	999 9	8 2	72
32 8	93.5	10039 9	275 0	-46 8	99.9	263.4	14 2	14 1	1 6	327 4	999 9	99 9	999 9	10 1	74
35 5	97 8	10664 6	250 0	-51 9	99 9	269 4	15 6	15 6	0 2	328 9	999 9	99 9	999 9	12 6	76
38 2	102 4	11340 6	225 0	-56 5	99 9	282 6	16 2	15 9	-3 5	332 0	999 9	99 9	999 9	15 1	80
41 3	107.2	12082 5	200 0	-59 0	99 9	287 8	11 9	11 3	-3 6	339 3	999 9	99 9	999 9	17 6	84
44.8	112 5	12909 5	175 0	-64 1	99.9	287 3	11 2	10 7	-3 3	344 2	999 9	99 9	999 9	19 4	86
48 8	118.4	13861 4	150 0	-61 5	99.9	290.2	13 9	13 1	-4 8	364 2	999 9	99 9	999 9	22 1	90
53 2	124 7	14981 0	125 0	-64 5	99 9	284 4	18 6	18 0	-4 6	378 2	999 9	99 9	999 9	26 4	92
58.7	131.7	16357 9	100 0	-63 4	99 9	285 7	12 2	11 7	-3 3	405 3	999 9	99 9	999 9	31 8	94
65 1	139.3	18120 9	75.0	-62 8	99 9	310.9	7 3	5 5	-4 8	441 3	999 9	99 9	999 9	34 8	97
74.4	148 3	20641 4	50.0	-58 9	99.9	359 6	4 3	0 0	-4 3	504 8	999 9	99 9	999 9	36 5	99
88 5	157 7	25070 4	25 0	-51.0	99 9	23 9	3 8	-1 5	-3 5	638 4	999 9	99 9	999 9	34 3	103

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

STATION NO 365
ALBEQUERQUE, NEW MEXICO

1 MAY 1982
1415 GMT

146 11 C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.1	1619.0	842.4	12.3	6.1	120.0	2.6	-2.3	1.3	299.8	319.2	7.1	66.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	26.1	1792.9	825.0	9.3	3.7	85.7	4.1	-4.1	-0.3	298.5	315.1	6.1	67.8	0.1	288
1.1	28.8	2047.3	800.0	6.6	3.4	66.5	2.2	-2.0	-0.9	298.2	315.1	6.2	80.1	0.2	274
2.0	31.6	2307.6	775.0	5.0	3.8	299.8	0.9	0.8	-0.5	299.2	317.1	6.5	92.0	0.3	267
2.8	34.4	2575.3	750.0	4.3	2.8	219.4	2.1	1.3	1.6	301.2	318.7	6.3	90.3	0.2	282
3.7	37.2	2851.3	725.0	2.9	1.7	209.4	2.0	1.0	1.8	302.7	319.5	6.0	91.9	0.2	314
4.6	40.1	3136.0	700.0	2.8	-1.5	208.3	3.0	1.4	2.6	305.6	319.7	4.9	73.5	0.3	352
5.6	43.1	3429.9	675.0	1.3	-3.4	275.8	1.9	1.9	-0.2	307.1	320.0	4.4	70.9	0.4	2
6.6	46.0	3733.5	650.0	0.1	-5.2	304.9	2.4	2.0	-1.4	309.1	320.8	4.0	87.4	0.3	24
7.5	49.0	4046.8	625.0	-2.0	-7.8	278.2	1.6	1.6	-0.2	310.2	320.4	3.4	64.2	0.3	45
8.6	52.1	4370.7	600.0	-3.9	-10.6	212.9	2.9	1.6	2.4	311.6	320.2	2.8	59.6	0.4	47
9.8	55.1	4705.4	575.0	-6.3	-12.8	192.4	2.5	0.5	2.4	312.6	320.2	2.5	60.1	0.6	37
11.0	58.3	5051.6	550.0	-8.8	-15.4	220.4	1.9	1.2	1.4	313.6	320.2	2.1	58.8	0.8	33
12.2	61.5	5410.8	525.0	-11.3	-16.4	291.4	1.3	1.2	-0.5	314.8	321.2	2.0	66.3	0.8	38
13.3	64.7	5783.1	500.0	-14.5	-17.1	281.9	1.1	1.1	-0.2	315.3	321.6	2.0	80.7	0.8	43
14.6	68.1	6170.4	475.0	-16.2	-22.8	241.9	3.5	3.1	1.7	318.0	322.2	1.3	56.5	1.0	47
15.9	71.5	6575.9	450.0	-18.6	-25.5	217.3	6.1	3.7	4.9	319.8	323.4	1.1	54.7	1.4	47
17.3	75.0	6999.0	425.0	-22.3	-28.4	223.0	6.2	4.2	4.5	320.4	323.3	0.9	57.6	1.9	43
18.7	78.6	7441.7	400.0	-25.7	-37.2	240.4	6.4	5.6	3.2	321.6	323.0	0.4	33.0	2.4	46
20.2	82.2	7905.7	375.0	-29.7	-40.5	245.9	7.4	6.7	3.0	322.3	323.4	0.3	33.7	3.0	49
21.7	86.0	8393.4	350.0	-34.0	-43.7	256.2	9.9	9.6	2.4	322.9	323.7	0.2	36.6	3.7	54
23.4	89.9	8908.5	325.0	-37.8	-47.7	267.0	10.5	10.5	0.6	324.6	325.2	0.2	34.3	4.7	60
25.4	94.0	9455.1	300.0	-41.8	99.9	266.0	13.4	13.4	0.9	326.5	999.9	99.9	999.9	6.0	66
27.3	98.3	10038.1	275.0	-47.3	99.9	271.7	14.4	14.4	-0.4	328.7	999.9	99.9	999.9	7.5	71
29.4	102.8	10661.7	250.0	-52.0	99.9	273.3	14.4	14.4	-0.8	328.7	999.9	99.9	999.9	9.2	75
31.5	107.4	11338.0	225.0	-55.5	99.9	281.2	12.3	12.0	-2.4	333.4	999.9	99.9	999.9	10.9	78
33.9	112.4	12082.4	200.0	-59.7	99.9	285.9	9.3	8.9	-2.5	338.3	999.9	99.9	999.9	12.2	82
36.7	117.8	12908.5	175.0	-63.5	99.9	282.8	12.1	11.8	-2.7	345.1	999.9	99.9	999.9	13.7	84
39.9	123.7	13862.7	150.0	-62.0	99.9	280.3	15.8	15.6	-2.8	363.3	999.9	99.9	999.9	16.3	87
43.7	130.0	14992.0	125.0	-62.1	99.9	289.2	16.3	15.4	-5.3	382.6	999.9	99.9	999.9	20.2	90
48.6	137.3	16372.4	100.0	-61.9	99.9	301.7	11.0	9.3	-5.8	408.2	999.9	99.9	999.9	23.9	94
54.4	145.3	18150.5	75.0	-61.4	99.9	317.4	5.9	4.0	-4.4	444.1	999.9	99.9	999.9	26.1	97
62.3	154.3	20673.9	50.0	-59.8	99.9	318.3	6.0	4.0	-4.5	502.8	999.9	99.9	999.9	26.6	102
75.0	164.0	25104.2	25.0	-51.9	99.9	999.9	99.9	99.9	99.9	635.5	999.9	99.9	999.9	24.2	104

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.0	1619.0	842.6	15.6	5.5	280.0	2.6	2.6	-0.5	303.3	322.1	6.8	51.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	24.9	1796.6	825.0	11.7	4.5	293.9	1.5	1.4	-0.6	301.0	318.8	6.4	61.1	0.1	105
1.4	27.6	2053.3	800.0	9.2	4.2	269.4	1.7	1.7	0.0	300.9	318.9	6.5	71.0	0.1	109
2.2	30.3	2315.7	775.0	6.6	4.1	224.2	1.6	1.1	1.1	301.0	319.3	6.6	83.7	0.2	94
2.8	33.0	2584.4	750.0	4.3	3.7	182.3	1.6	0.1	1.6	301.3	319.9	6.7	95.8	0.2	82
3.9	35.8	2860.2	725.0	3.3	1.3	210.3	2.3	1.1	1.9	303.1	319.5	5.8	87.0	0.3	60
5.0	38.7	3145.3	700.0	2.7	0.1	208.1	2.4	1.1	2.1	305.5	321.3	5.5	82.9	0.5	54
5.9	41.4	3439.6	675.0	1.5	-3.8	85.8	1.3	-1.3	-0.1	307.3	319.8	4.3	67.5	0.5	48
6.9	44.3	3743.0	650.0	-0.0	-5.9	352.3	2.0	0.3	-2.0	308.9	320.2	3.8	64.7	0.4	53
8.0	47.2	4058.4	625.0	-1.9	-7.8	19.9	1.7	-0.6	-1.6	310.3	320.4	3.4	64.1	0.4	72
9.2	50.1	4380.2	600.0	-3.8	-9.5	128.7	1.0	-0.8	0.6	311.7	321.1	3.1	64.2	0.3	77
10.4	53.1	4714.9	575.0	-6.2	-10.6	147.4	1.5	-0.8	1.3	312.7	321.8	3.0	71.1	0.4	59
11.7	56.3	5061.8	550.0	-8.4	-15.2	159.2	1.3	-0.5	1.2	314.1	320.8	2.1	57.9	0.4	42
12.9	59.3	5421.5	525.0	-10.5	-18.2	180.7	1.3	0.0	1.3	315.8	321.3	1.7	52.9	0.4	32
14.3	62.4	5796.1	500.0	-12.4	-21.2	211.6	3.0	1.6	2.6	317.9	322.5	1.4	47.8	0.6	31
15.5	65.6	6186.0	475.0	-15.2	-24.5	206.3	5.3	2.4	4.8	319.1	322.8	1.1	44.8	[illegible]	30
17.0	69.0	6592.3	450.0	-18.1	-31.7	225.9	5.1	3.7	3.6	320.4	322.5	0.6	29.1	1.4	30
18.8	72.4	7017.2	425.0	-21.3	-38.4	243.0	4.3	3.9	2.0	321.7	322.8	0.3	19.7	1.8	37
20.0	75.9	7460.9	400.0	-25.2	-41.4	247.2	5.2	4.8	2.0	322.2	323.1	0.2	20.3	2.1	42
21.7	79.4	7926.4	375.0	-29.0	-43.6	253.2	7.0	6.7	2.0	323.3	324.0	0.2	22.6	2.7	48
23.4	83.1	8415.4	350.0	-33.0	-46.1	264.0	8.4	8.4	0.9	324.2	324.8	0.2	25.3	3.4	55
25.1	87.0	8932.2	325.0	-37.4	-50.0	262.3	9.1	9.0	1.2	325.2	325.6	0.1	25.1	4.2	61
27.0	91.0	9480.2	300.0	-41.6	99.9	259.3	13.1	12.9	2.4	326.7	999.9	99.9	999.9	5.4	65
29.1	95.2	10064.7	275.0	-46.5	99.9	262.7	13.9	13.8	1.8	327.9	999.9	99.9	999.9	7.0	69
31.2	99.4	10690.3	250.0	-51.3	99.9	267.9	13.6	13.6	0.5	329.8	999.9	99.9	999.9	8.8	72
33.5	104.0	11369.9	225.0	-54.4	99.9	280.0	9.4	9.3	-1.6	335.1	999.9	99.9	999.9	10.3	75
36.1	108.8	12115.6	200.0	-59.4	99.9	272.6	8.9	8.9	-0.4	338.8	999.9	99.9	999.9	11.6	78
38.8	114.0	12945.6	175.0	-61.9	99.9	273.1	12.6	12.6	-0.7	347.8	999.9	99.9	999.9	13.1	80
42.0	119.5	13904.4	150.0	-60.1	99.9	278.3	16.5	16.3	-2.4	366.5	999.9	99.9	999.9	16.0	82
45.9	125.7	15042.1	125.0	-60.6	99.9	288.3	14.7	14.0	-4.6	385.2	999.9	99.9	999.9	19.4	87
50.4	132.7	16426.7	100.0	-62.0	99.9	292.6	10.1	9.3	-3.9	407.9	999.9	99.9	999.9	22.8	90
56.3	141.0	18199.0	75.0	-62.8	99.9	352.5	4.5	0.6	-4.5	441.2	999.9	99.9	999.9	24.5	93
63.8	150.0	20733.2	50.0	-59.5	99.9	89.3	3.9	-3.9	-0.0	503.3	999.9	99.9	999.9	24.0	95
76.1	160.5	25174.3	25.0	-50.5	99.9	130.1	3.2	-2.5	2.1	539.7	999.9	99.9	999.9	22.0	96

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STATION NO. 365
ALBUQUERQUE, NEW MEXICO

1 MAY 1982
2015 GMT

139 19 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.6	1619.0	840.4	21.0	6.2	150.0	2.1	-1.1	1.8	309.2	329.4	7.1	38.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	24.2	1777.1	825.0	16.5	3.8	212.4	2.5	1.4	2.1	308.1	323.4	6.1	42.5	0.1	359
0.8	26.8	2038.1	800.0	13.9	3.2	215.1	2.8	1.6	2.3	306.0	323.2	6.0	48.3	0.2	7
1.9	29.4	2304.5	775.0	10.8	2.8	161.1	3.8	0.1	3.8	305.4	322.8	6.1	58.0	0.4	14
3.2	32.2	2576.9	750.0	8.0	2.2	165.5	4.0	-1.0	3.9	305.3	322.2	6.0	66.4	0.7	1
4.1	34.9	2855.9	725.0	5.8	0.7	134.1	2.9	-2.1	2.0	305.8	321.7	5.6	69.7	0.9	356
5.2	37.7	3142.7	700.0	4.1	-1.2	95.3	3.1	-3.1	0.3	307.0	321.5	5.0	68.6	1.0	346
6.2	40.4	3437.8	675.0	2.1	-3.1	33.5	2.8	-1.6	-2.4	308.1	321.3	4.5	68.3	1.0	335
7.2	43.2	3741.9	650.0	0.4	-5.1	58.7	1.8	-1.6	-1.0	309.4	321.3	4.0	66.4	0.9	328
8.2	46.1	4055.8	625.0	-0.9	-7.9	145.7	0.7	-0.4	0.6	311.4	321.6	3.4	59.0	0.9	325
9.3	49.0	4381.1	600.0	-2.4	-11.7	188.8	1.0	0.1	0.9	313.3	321.3	2.6	48.7	0.9	327
10.5	51.9	4717.3	575.0	-5.4	-9.6	179.5	0.9	-0.0	0.9	313.7	323.5	3.2	72.4	1.0	329
11.7	54.9	5064.8	550.0	-7.6	-12.5	155.8	1.2	-0.5	1.1	315.1	323.4	2.7	67.6	1.1	330
13.0	58.0	5425.7	525.0	-9.3	-17.4	224.7	2.2	1.5	1.5	317.2	323.1	1.9	51.8	1.2	333
14.4	61.1	5800.9	500.0	-12.6	-18.0	217.7	2.6	1.6	2.0	317.7	323.6	1.9	63.9	1.1	342
15.7	64.3	6190.9	475.0	-14.9	-24.2	198.9	5.9	1.9	5.6	319.5	323.2	1.1	44.7	1.4	348
17.2	67.6	6597.6	450.0	-18.2	-30.2	229.7	6.1	4.7	4.0	320.3	322.7	0.7	34.4	1.9	0
18.7	71.0	7021.6	425.0	-21.7	-36.2	251.2	6.1	5.8	2.0	321.2	322.7	0.4	25.3	2.2	13
20.3	74.3	7465.7	400.0	-25.0	-37.5	264.8	7.0	6.9	0.6	322.5	323.9	0.4	29.9	2.5	26
22.0	77.9	7931.2	375.0	-28.7	-42.5	268.7	8.3	8.3	0.2	323.6	324.5	0.2	24.7	3.0	39
23.8	81.6	8421.9	350.0	-32.1	-45.6	265.5	10.4	10.4	0.8	325.4	326.1	0.2	24.6	3.7	51
25.6	85.2	8940.3	325.0	-36.4	-48.7	262.5	12.0	11.9	1.6	326.5	327.1	0.1	26.3	4.8	59
27.6	89.0	9489.7	300.0	-40.9	99.9	268.1	13.2	13.2	0.4	327.7	999.9	99.9	999.9	6.2	65
29.6	93.0	10074.7	275.0	-46.0	99.9	268.8	13.6	13.6	0.3	328.6	999.9	99.9	999.9	7.7	70
31.9	97.3	10702.7	250.0	-50.0	99.9	270.9	11.9	11.9	-0.2	331.7	999.9	99.9	999.9	9.4	74
34.4	101.8	11385.3	225.0	-54.2	99.9	260.0	9.5	9.3	1.6	335.4	999.9	99.9	999.9	10.9	76
37.1	106.6	12130.8	200.0	-59.8	99.9	261.2	11.0	10.9	1.7	338.1	999.9	99.9	999.9	12.4	76
40.0	111.8	12960.9	175.0	-60.8	99.9	268.2	13.1	13.1	0.4	349.6	999.9	99.9	999.9	14.6	77
43.3	117.2	13924.8	150.0	-59.0	99.9	277.7	15.6	15.4	-2.1	368.4	999.9	99.9	999.9	17.3	80
47.3	123.5	15061.2	125.0	-62.2	99.9	286.4	15.6	14.9	-4.4	382.5	999.9	99.9	999.9	21.0	84
52.0	130.2	16439.8	100.0	-62.1	99.9	290.5	9.2	8.6	-3.2	407.8	999.9	99.9	999.9	24.4	87
57.8	138.0	18208.0	75.0	-63.0	99.9	332.2	4.1	1.9	-3.6	440.8	999.9	99.9	999.9	26.2	89
65.6	147.0	20742.2	50.0	-56.6	99.9	267.2	3.7	3.5	-1.1	510.2	999.9	99.9	999.9	25.5	92
76.3	157.3	25197.4	25.0	-50.5	99.9	83.9	3.7	-3.7	-0.4	639.9	999.9	99.9	999.9	24.4	93

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STATION NO. 365
ALBEQUERQUE, NEW MEXICO

1 MAY 1982
2300 GMT

145 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.7	1619.0	837.9	22.1	3.3	230.0	6.2	4.7	4.0	310.6	327.4	5.8	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	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	26.1	1752.7	825.0	19.3	3.8	198.6	6.8	2.2	6.5	309.0	326.5	6.1	35.9	0.3	107
1.0	28.9	2015.8	800.0	18.2	2.7	206.8	6.1	2.7	5.5	308.4	325.2	5.8	40.3	0.3	68
2.0	31.7	2284.7	775.0	13.6	2.8	217.2	7.8	4.6	6.0	308.5	325.8	6.1	47.8	0.7	51
2.7	34.4	2560.1	750.0	11.2	2.8	220.6	5.6	3.6	4.2	308.8	326.8	6.3	56.2	1.0	48
3.4	37.3	2842.2	725.0	8.4	2.2	201.6	4.8	1.8	4.5	308.7	326.5	6.2	64.9	1.2	46
3.9	40.3	3131.2	700.0	5.7	2.0	186.0	4.7	-1.1	4.5	308.8	326.9	6.3	77.2	1.4	41
4.7	43.2	3427.8	675.0	2.8	1.4	131.7	5.6	-4.2	3.7	308.7	326.8	6.3	90.9	1.4	33
5.6	46.2	3732.4	650.0	0.4	-1.0	115.2	6.2	-5.6	2.6	309.5	325.4	5.5	89.8	1.4	18
7.0	49.2	4046.9	625.0	-1.0	-6.9	116.5	3.4	-3.1	1.5	311.3	322.2	3.6	64.1	1.5	2
8.4	52.3	4372.2	600.0	-2.5	-9.2	149.2	1.8	-0.9	1.6	313.3	322.9	3.2	59.9	1.6	356
9.6	55.4	4708.7	575.0	-5.0	-11.7	186.9	1.9	0.2	1.8	314.1	322.5	2.7	59.5	1.8	356
10.9	58.5	5056.4	550.0	-8.0	-13.0	180.0	1.8	0.0	1.8	314.6	322.5	2.6	67.6	1.9	357
12.3	61.7	5417.1	525.0	-9.6	-17.0	213.1	1.5	0.8	1.3	316.9	323.[illegible]	1.9	54.4	2.0	357
13.6	64.9	5792.6	500.0	-11.8	-20.9	236.5	3.7	3.1	2.0	318.7	323.4	1.4	46.8	2.1	2
14.9	68.3	6183.5	475.0	-14.7	-26.4	235.2	4.3	3.6	2.5	319.8	322.9	0.9	36.0	2.3	9
16.2	71.7	6590.8	450.0	-17.3	-30.4	240.2	4.7	4.1	2.3	321.5	323.8	0.7	31.0	2.6	15
17.6	75.3	7016.1	425.0	-21.2	-33.7	267.4	4.8	4.8	0.2	321.9	323.7	0.5	31.2	2.8	21
19.2	78.9	7460.4	400.0	-24.6	-38.9	278.6	7.1	7.0	-1.1	323.0	324.4	0.4	30.8	3.0	31
20.9	82.6	7927.1	375.0	-28.2	-39.8	266.4	10.0	10.0	0.6	324.3	325.5	0.3	31.5	3.5	44
22.6	86.3	8416.5	350.0	-32.0	-43.1	261.9	10.3	10.2	1.5	325.7	326.5	0.2	31.8	4.4	53
24.6	90.2	8937.8	325.0	-35.8	-46.6	275.4	10.6	10.6	-1.0	327.3	328.0	0.2	31.6	5.4	60
26.4	94.3	9488.4	300.0	-40.9	99.9	287.3	11.2	10.7	-3.3	327.7	999.9	99.9	999.9	6.3	67
28.3	98.3	10073.9	275.0	-45.4	99.9	281.6	12.9	12.6	-2.6	329.5	999.9	99.9	999.9	7.4	74
30.5	102.8	10703.6	250.0	-49.7	99.9	273.1	13.1	13.1	-0.7	332.1	999.9	99.9	999.9	9.1	78
33.1	107.6	11384.4	225.0	-55.1	99.9	264.3	12.2	12.2	1.2	334.0	999.9	99.9	999.9	11.0	80
35.7	112.8	12127.7	200.0	-59.8	99.9	255.4	14.4	13.9	3.6	338.1	999.9	99.9	999.9	13.0	80
38.8	118.2	12957.9	175.0	-61.6	99.9	255.7	14.8	14.4	3.7	340.4	999.9	99.9	999.9	15.7	79
42.4	124.2	13919.4	150.0	-59.0	99.9	265.0	14.2	14.1	1.2	368.5	999.9	99.9	999.9	18.9	79
46.5	130.7	15053.3	125.0	-62.8	99.9	286.1	12.6	12.1	-3.5	381.3	999.9	99.9	999.9	22.1	82
51.5	137.7	16428.7	100.0	-63.6	99.9	292.5	8.1	7.5	-3.1	404.9	999.9	99.9	999.9	25.1	85
57.7	145.7	18185.6	75.0	-63.5	99.9	334.1	3.9	1.7	-3.5	439.8	999.9	99.9	999.9	26.4	87
66.2	154.3	20710.9	50.0	-59.2	99.9	46.1	4.0	-2.9	-2.7	504.2	999.9	99.9	999.9	25.7	89
79.2	163.3	25142.4	25.0	-52.0	99.9	999.9	99.9	99.9	99.9	635.5	999.9	99.9	999.9	23.4	93

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0.0	24.8	1619.0	837.7	19.4	3.2	999.9	99.9	99.9	99.9	307.8	324.3	5.8	34.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	28.2	1750.2	825.0	18.4	2.2	999.9	99.9	99.9	99.9	308.0	323.7	5.4	33.8	999.9	999
1.2	28.9	2012.7	800.0	16.0	1.4	207.8	9.5	4.4	8.4	308.2	323.5	5.3	37.1	0.6	26
2.0	31.5	2281.3	775.0	13.5	0.9	208.2	8.2	3.9	7.2	308.3	323.7	5.3	42.3	1.1	27
2.9	34.4	2556.3	750.0	11.0	0.5	196.9	6.5	1.9	6.2	308.5	323.8	5.3	48.2	1.5	27
3.7	37.1	2838.2	725.0	8.9	0.2	172.8	6.7	-0.8	6.6	309.3	324.8	5.4	54.2	1.8	23
4.6	40.0	3127.4	700.0	6.1	-0.2	158.5	6.7	-2.5	6.3	309.2	324.9	5.4	64.3	2.1	17
5.6	42.9	3424.4	675.0	3.3	-0.9	147.9	6.9	-3.7	5.9	309.3	324.8	5.3	73.8	2.3	10
6.5	45.8	3729.6	650.0	0.6	-1.4	137.9	7.0	-4.7	5.2	309.7	325.1	5.3	86.5	2.6	4
7.5	48.7	4043.6	625.0	-1.7	-4.0	125.3	6.2	-5.1	3.8	310.5	323.9	4.6	84.5	2.9	358
8.4	51.8	4367.4	600.0	-4.4	-6.4	124.8	5.0	-4.1	2.9	311.1	322.9	4.0	86.0	3.1	353
9.3	54.8	4702.2	575.0	-5.9	-10.9	140.9	3.2	-2.0	2.5	313.1	321.9	2.9	67.9	3.3	350
10.6	57.9	5050.6	550.0	-7.0	-15.2	162.0	2.2	-0.7	2.1	315.8	322.5	2.1	51.7	3.4	349
11.7	61.1	5411.0	525.0	-9.9	-17.3	180.8	1.4	0.0	1.4	316.5	322.5	1.9	54.7	3.6	349
12.9	64.3	5785.5	500.0	-12.8	-20.4	231.6	1.6	1.3	1.0	317.4	322.3	1.5	52.9	3.6	350
14.2	67.6	6175.5	475.0	-15.0	25.9	244.5	3.3	2.9	1.4	319.4	322.7	1.0	38.6	3.7	353
15.6	71.0	6582.0	450.0	-17.7	-30.4	231.0	3.6	2.8	2.3	320.9	323.3	0.7	32.0	3.8	357
17.0	74.4	7007.0	425.0	-21.2	-33.9	240.1	3.1	2.7	1.6	321.8	323.6	0.5	36.5	4.0	0
18.3	78.0	7451.4	400.0	-24.7	-36.7	272.2	4.1	4.1	-0.2	322.9	324.3	0.4	31.7	4.0	4
19.8	81.7	7918.1	375.0	-28.4	-39.3	270.1	6.1	6.1	-0.0	324.1	325.3	0.3	33.9	4.1	10
21.4	85.5	8408.6	350.0	-32.5	-42.7	288.8	7.0	7.0	0.1	324.9	325.8	0.2	35.2	4.2	19
23.3	89.5	8926.4	325.0	-36.6	-44.6	282.4	7.0	6.9	-1.5	325.9	326.7	0.2	44.5	4.5	28
24.9	93.5	9474.3	300.0	-41.8	99.9	292.7	7.7	7.1	-3.0	326.5	999.9	99.9	999.9	4.7	37
26.7	97.8	10057.9	275.0	-46.6	99.9	293.9	9.1	8.3	-3.7	327.8	999.9	99.9	999.9	5.0	48
28.7	102.3	10685.1	250.0	-51.1	99.9	278.4	9.8	9.7	-1.4	330.2	999.9	99.9	999.9	5.6	58
30.8	107.0	11361.9	225.0	-55.9	99.9	265.2	14.5	14.5	1.2	332.8	999.9	99.9	999.9	6.8	64
33.0	112.0	12102.2	200.0	-61.7	99.9	259.1	16.0	15.7	3.0	335.1	999.9	99.9	999.9	9.0	68
35.4	117.5	12924.2	175.0	-62.7	99.9	258.1	13.1	12.9	2.7	348.4	999.9	99.9	999.9	11.0	70
37.9	123.2	13882.0	150.0	-59.3	99.9	260.5	10.4	10.3	1.7	368.0	999.9	99.9	999.9	12.7	71
41.8	129.7	15012.9	125.0	-64.3	99.9	274.4	9.0	9.0	-0.7	378.6	999.9	99.9	999.9	14.8	74
46.0	137.0	16374.2	100.0	-64.0	99.9	283.9	6.4	6.2	-1.5	404.1	999.9	99.9	999.9	17.0	77
52.4	145.0	18133.7	75.0	-64.0	99.9	333.0	2.8	1.2	-2.3	438.8	999.9	99.9	999.9	18.2	79
60.5	154.0	20625.2	50.0	-61.1	99.9	51.9	5.2	-4.1	-3.2	499.4	999.9	99.9	999.9	17.5	81
73.9	163.7	25018.9	25.0	-53.4	99.9	286.1	1.2	1.2	0.1	631.5	999.9	99.9	999.9	12.9	86

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 365
ALBEQUERQUE, NEW MEXICO

2 MAY 1982
515 GMT

148 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.4	1619.0	839.5	14.9	4.0	110.0	2.6	-2.4	0.9	302.8	319.9	6.1	48.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	26.1	1707.1	825.0	15.2	3.5	170.8	5.0	-0.8	4.9	304.7	321.6	6.0	45.5	0.1	323
1.5	28.9	2027.0	800.0	13.2	2.2	188.5	7.8	1.1	7.7	305.3	321.2	5.6	47.0	0.4	354
2.4	31.8	2293.0	775.0	10.7	1.8	193.9	8.7	2.1	8.5	305.3	321.3	5.6	54.1	0.9	4
3.4	34.6	2565.5	750.0	8.3	1.7	198.0	9.1	2.8	8.6	305.6	322.1	5.8	63.1	1.4	8
4.4	37.6	2845.1	725.0	6.1	1.3	199.5	7.8	2.6	7.3	306.2	322.7	5.8	71.2	1.9	12
5.3	40.5	3131.8	700.0	3.8	0.3	172.6	5.6	-0.7	5.5	306.8	322.8	5.6	77.7	2.3	12
6.4	43.5	3428.8	675.0	1.9	-0.7	119.8	4.2	-3.7	2.1	307.7	323.3	5.4	83.4	2.5	7
7.5	46.5	3730.9	650.0	0.6	-4.7	103.7	5.9	-5.7	1.4	309.7	321.9	4.2	87.3	2.5	0
8.8	49.5	4044.9	625.0	-1.7	-7.4	117.1	7.5	-6.7	3.4	310.6	321.1	3.5	84.9	2.8	350
9.9	52.8	4369.0	600.0	-3.2	-13.4	134.6	6.3	-4.5	4.4	312.4	319.4	2.3	45.0	3.1	344
11.1	55.8	4704.8	575.0	-5.4	-16.1	154.9	4.6	-2.0	4.4	313.6	319.6	1.9	42.7	3.5	342
12.4	59.0	5051.6	550.0	-8.5	-17.8	166.7	3.7	-0.8	3.6	314.1	319.4	1.7	46.5	3.8	342
13.5	62.3	5411.0	525.0	-11.1	-16.3	168.3	3.4	-0.7	3.3	315.1	321.5	2.0	65.0	4.1	342
14.9	65.6	5784.2	500.0	-13.2	-24.2	182.5	3.0	0.1	3.0	317.0	320.6	1.1	39.6	4.3	342
16.3	68.9	6173.5	475.0	-15.2	-28.6	203.6	5.2	2.1	4.8	319.2	322.2	0.9	36.9	4.5	345
17.8	72.4	6580.2	450.0	-17.7	-30.9	188.7	6.4	1.1	6.3	321.0	323.2	0.6	30.2	5.0	348
19.3	76.0	7005.2	425.0	-20.9	-33.8	187.4	6.0	0.8	6.0	322.3	324.0	0.5	30.0	5.6	350
20.8	79.6	7450.3	400.0	-24.3	-36.7	187.0	5.5	1.6	5.2	323.4	324.8	0.4	30.4	6.0	352
22.4	83.3	7917.0	375.0	-28.3	-40.1	204.6	4.7	2.0	4.3	324.1	325.2	0.3	30.8	6.5	354
24.3	87.1	8407.7	350.0	-32.6	-43.5	216.8	3.4	2.0	2.7	324.8	325.7	0.2	32.5	6.9	356
26.0	91.1	8925.1	325.0	-37.0	-46.4	199.5	2.2	0.7	2.0	325.7	326.3	0.2	36.4	7.1	358
27.9	95.3	9473.0	300.0	-42.1	99.9	240.8	1.1	1.0	0.4	328.1	999.9	99.9	999.9	7.2	358
29.9	99.5	10055.5	275.0	-47.1	99.9	312.8	2.9	2.1	-2.0	327.0	999.9	99.9	999.9	7.1	359
32.2	104.2	10680.8	250.0	-51.4	99.9	263.6	7.1	7.0	0.8	329.7	999.9	99.9	999.9	6.9	4
34.4	108.8	11357.9	225.0	-56.4	99.9	251.0	10.9	10.3	3.6	332.1	999.9	99.9	999.9	7.5	13
36.8	114.0	12094.9	200.0	-62.1	99.9	255.6	11.0	10.7	2.7	334.5	999.9	99.9	999.9	8.4	22
39.3	119.4	12918.1	175.0	-61.7	99.9	252.9	9.8	9.4	2.9	348.1	999.9	99.9	999.9	9.4	30
42.8	125.2	13877.3	150.0	-60.4	99.9	248.8	10.1	9.5	3.7	366.1	999.9	99.9	999.9	11.1	37
46.6	131.7	15003.8	125.0	-63.9	99.9	257.2	8.0	7.8	1.8	379.3	999.9	99.9	999.9	12.7	42
51.6	139.0	16372.2	100.0	-63.6	99.9	268.9	5.0	5.0	0.1	404.9	999.9	99.9	999.9	14.4	47
57.8	147.0	18125.6	75.0	-65.8	99.9	301.5	2.7	2.3	-1.4	435.0	999.9	99.9	999.9	15.0	51
66.5	156.0	20816.5	50.0	-60.4	99.9	84.8	5.7	-5.7	-0.5	501.1	999.9	99.9	999.9	13.5	51
80.6	165.7	24000.2	25.0	-55.1	99.9	223.2	4.2	2.9	3.0	826.7	999.9	99.9	999.9	11.1	36

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
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STATION NO 385
ALBUQUERQUE, NEW MEXICO

2 MAY 1982
1100 GMT

145 10 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	24.3	1619.0	839.0	11.0	6.5	150.0	2.1	-1.1	1.8	299.5	319.4	7.3	70.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	25.9	1766.3	825.0	12.2	4.9	340.7	3.3	1.1	-3.1	301.5	319.9	6.6	61.1	0.2	341
1.3	28.7	2025.5	800.0	10.1	4.8	218.1	4.0	2.4	3.1	301.9	320.5	6.7	68.8	0.2	358
2.1	31.5	2288.0	775.0	8.0	4.2	199.9	7.0	2.4	6.6	302.4	321.0	6.7	76.9	0.5	10
3.0	34.3	2550.4	750.0	3.5	3.5	204.3	6.9	2.8	6.3	303.7	322.1	6.6	81.0	0.9	16
3.8	37.1	2837.2	725.0	4.3	2.8	203.0	4.6	1.8	4.3	304.1	322.3	6.5	90.1	1.2	16
4.4	40.0	3122.4	700.0	2.5	1.8	189.4	2.1	0.0	2.1	305.3	322.9	6.3	95.0	1.4	19
5.8	43.0	3415.8	675.0	0.1	-0.4	130.7	2.7	-2.1	1.8	305.7	321.4	5.5	96.3	1.4	18
6.8	45.8	3717.2	650.0	-2.9	-14.3	132.2	5.0	-3.7	3.4	305.7	311.8	2.0	41.8	1.5	6
7.9	48.8	4029.7	625.0	-1.6	-13.3	164.2	5.9	-1.6	5.7	310.6	317.3	2.2	40.5	1.8	359
9.0	52.0	4353.5	600.0	-3.8	-14.6	179.6	6.0	-0.0	6.0	311.7	318.0	2.0	42.7	2.2	359
10.1	55.0	4688.4	575.0	-5.7	-20.3	174.1	5.6	-0.6	5.6	313.4	317.6	1.3	30.3	2.6	359
11.2	58.1	5035.3	550.0	-8.5	-20.3	185.9	5.3	-1.3	5.1	314.0	318.4	1.4	37.9	3.0	358
12.4	61.3	5394.9	525.0	-10.7	-19.8	187.7	4.9	-1.1	4.8	315.5	320.5	1.5	48.0	3.3	356
13.7	64.5	5766.1	500.0	-13.9	-20.9	182.8	4.8	-1.4	4.6	316.1	320.8	1.4	55.3	3.7	356
15.1	67.9	6155.6	475.0	-16.2	-29.7	150.5	5.9	-2.9	5.2	317.9	320.2	0.7	30.5	4.1	353
16.4	71.3	6560.7	450.0	-19.1	-32.6	156.7	6.9	-2.7	6.3	319.2	321.1	0.5	29.0	4.6	351
18.0	74.7	6984.1	425.0	-21.8	-40.7	178.4	6.9	-0.4	6.9	321.1	322.0	0.2	15.9	5.2	350
19.6	78.3	7427.3	400.0	-25.1	-43.2	178.3	8.1	-0.2	8.1	322.3	323.1	0.2	16.6	5.8	351
21.4	82.0	7892.9	375.0	-28.7	-39.7	175.8	7.0	-0.5	7.0	323.6	324.8	0.3	33.3	6.5	352
23.3	85.8	8382.5	350.0	-32.9	-45.3	185.7	6.9	-1.7	6.7	324.4	325.1	0.2	27.6	7.4	352
25.2	89.7	8898.9	325.0	-38.9	-52.1	183.7	6.4	-1.8	6.1	325.8	326.2	0.1	18.8	8.0	351
27.3	93.6	9448.0	300.0	-42.0	99.9	172.2	8.0	-1.1	7.9	326.2	999.9	99.9	999.9	9.0	351
29.6	98.0	10030.9	275.0	-46.8	99.9	171.6	7.4	-1.1	7.3	327.5	999.9	99.9	999.9	10.1	351
32.2	102.5	10659.2	250.0	-50.6	99.9	177.9	5.3	-0.2	5.3	330.8	999.9	99.9	999.9	11.1	351
34.9	107.3	11337.2	225.0	-56.4	99.9	173.4	5.5	-0.6	5.5	332.1	999.9	99.9	999.9	11.8	352
37.8	112.4	12073.6	200.0	-62.3	99.9	194.9	6.9	1.8	6.7	334.2	999.9	99.9	999.9	12.9	353
40.9	117.8	12883.5	175.0	-63.4	99.9	207.1	5.9	2.7	5.3	345.4	999.9	99.9	999.9	13.9	355
44.7	123.6	13849.9	150.0	-60.2	99.9	238.0	7.1	5.9	4.0	368.3	999.9	99.9	999.9	15.0	359
49.1	130.0	14983.9	125.0	-61.9	99.9	240.2	8.7	7.6	4.3	383.0	999.9	99.9	999.9	16.2	5
54.5	137.2	16354.0	100.0	-66.6	99.9	255.8	4.5	4.3	1.1	389.1	999.9	99.9	999.9	17.5	12
61.1	145.3	18100.4	75.0	-73.9	99.9	235.6	3.3	2.7	1.8	432.9	999.9	99.9	999.9	17.2	15
69.5	154.0	20618.5	50.0	-60.2	99.9	73.0	4.1	-4.0	-1.2	501.6	999.9	99.9	999.9	16.3	11
82.5	163.0	25013.5	25.0	-54.9	99.9	57.7	4.1	-3.4	-2.2	626.8	999.9	99.9	999.9	15.5	1

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STATION NO. 374
WINSLOW, ARIZONA

1 MAY 1982
1115 GMT

145 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.2	1487.0	851.7	12.8	8.5	100.0	1.6	-1.6	0.3	299.4	321.7	8.2	75.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	23.4	1503.9	850.0	13.1	8.4	114.3	2.1	-1.9	0.9	299.9	322.3	8.2	73.2	0.0	349
0.8	26.1	1756.2	825.0	13.9	6.5	178.2	4.4	-0.1	4.4	303.3	323.9	7.4	61.2	0.2	322
1.6	28.9	2015.0	800.0	12.0	5.2	197.7	7.8	2.4	7.5	303.9	323.3	7.0	63.1	0.4	351
2.4	31.6	2281.6	775.0	12.5	3.0	193.6	7.6	1.8	7.4	307.2	324.7	6.1	52.3	0.8	6
3.3	34.4	2556.0	750.0	10.3	2.2	160.5	5.9	-2.0	5.6	307.8	324.9	6.0	57.0	1.2	4.
4.3	37.2	2837.3	725.0	8.1	1.3	137.0	5.9	-4.0	4.3	308.3	325.0	5.8	62.2	1.4	356
5.2	40.1	3126.0	700.0	5.5	-0.2	130.4	5.1	-3.9	3.3	308.6	324.2	5.4	66.4	1.7	348.
6.2	43.0	3422.7	675.0	3.8	-1.8	97.0	4.2	-4.1	0.5	309.9	324.4	5.0	66.9	1.9	342
7.2	46.0	3728.2	650.0	1.0	-3.3	91.7	2.9	-2.9	0.1	310.1	323.6	4.6	73.1	1.9	336
8.2	49.0	4042.6	625.0	-1.6	-2.7	141.6	1.5	-0.9	1.1	310.6	325.4	5.0	92.1	2.0	333.
9.3	52.1	4366.5	600.0	-4.5	-4.9	223.9	2.3	1.6	1.6	311.0	324.1	4.5	96.9	2.1	335
10.4	55.1	4700.8	575.0	-6.9	-7.4	234.9	3.6	3.0	2.1	312.0	323.4	3.8	95.6	2.1	340
11.6	58.4	5046.7	550.0	-9.5	-10.1	224.0	5.7	4.0	4.1	312.8	322.6	3.2	95.6	2.3	348
12.9	61.5	5404.9	525.0	-12.4	-16.2	225.6	5.7	4.0	4.0	313.5	320.2	2.2	75.7	2.6	357
14.2	64.9	5775.5	500.0	-14.5	-32.6	238.8	4.2	3.6	2.2	315.4	317.0	0.5	19.6	2.8	3
15.7	68.1	6163.2	475.0	-16.7	-29.6	238.5	3.4	2.9	1.8	317.3	319.6	0.7	31.5	3.0	8
17.1	71.6	6567.2	450.0	-19.7	-34.4	245.0	2.9	2.6	1.2	318.4	320.0	0.5	25.8	3.2	12
18.8	75.1	6988.5	425.0	-23.1	-37.7	245.7	5.3	4.9	2.2	319.5	320.7	0.3	24.6	3.3	17.
20.5	78.7	7430.0	400.0	-26.2	-42.4	244.6	9.6	8.7	4.1	320.9	321.8	0.2	20.0	3.9	25
22.4	82.3	7893.4	375.0	-29.7	-45.4	241.3	11.5	10.1	5.5	322.2	322.9	0.2	20.0	5.0	34
24.3	86.2	8381.7	350.0	-33.5	-47.7	250.8	11.9	11.2	3.9	323.6	324.1	0.1	22.2	6.1	40
26.3	90.2	8897.7	325.0	-37.1	99.9	257.9	11.1	10.9	2.3	325.5	999.9	99.9	999.9	7.4	47.
28.4	94.2	9446.2	300.0	-41.2	99.9	260.2	10.0	9.9	1.7	327.3	999.9	99.9	999.9	8.5	52
30.7	98.5	10030.6	275.0	-46.3	99.9	262.7	10.0	9.9	1.3	328.2	999.9	99.9	999.9	9.7	56
33.1	103.0	10656.5	250.0	-51.7	99.9	263.1	10.1	10.0	1.2	329.2	999.9	99.9	999.9	11.0	59.
36.0	107.7	11334.6	225.0	-55.5	99.9	266.2	10.4	10.1	0.7	333.5	999.9	99.9	999.9	12.7	62
39.3	112.7	12075.7	200.0	-61.0	99.9	273.7	11.5	11.5	-0.7	336.2	999.9	99.9	999.9	14.6	66.
42.6	118.0	12901.7	175.0	-61.9	99.9	273.4	15.2	15.2	-0.9	347.8	999.9	99.9	999.9	16.9	71.
46.5	123.6	13857.3	150.0	-61.2	99.9	280.4	18.6	18.3	-3.4	364.7	999.9	99.9	999.9	20.6	76
51.0	130.2	14984.2	125.0	-62.5	99.9	284.3	15.3	14.8	-3.8	381.8	999.9	99.9	999.9	25.1	80
56.2	137.0	16359.2	100.0	-64.8	99.9	282.5	7.3	7.2	-1.6	402.5	999.9	99.9	999.9	27.8	83.
63.0	144.7	18112.6	75.0	-64.8	99.9	319.8	6.6	4.3	-5.0	437.1	999.9	99.9	999.9	30.8	85
71.9	153.0	20605.8	50.0	-60.8	99.9	331.2	2.1	1.0	-1.9	500.2	999.9	99.9	999.9	31.2	86
85.3	161.7	25011.3	25.0	-53.7	99.9	311.2	3.8	2.9	-2.5	630.6	999.9	99.9	999.9	29.7	89

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA

1 MAY 1982
1415 GMT

147 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.9	1487.0	852.7	14.4	8.4	120.0	4 8	-4.0	2.3	301.0	323.2	8.1	67 0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99 9	99.9	99.9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99 9	999 9	99.9	999.9	999 9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99 9	99 9	99.9	999 9	99 9	999.9	999 9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	875 0	99.9	99 9	99.9	99.9	99.9	99.9	99.9	999.9	99 9	999 9	999 9	999
0.2	22.2	1513.9	850.0	14.1	6.5	999.9	99.9	99.9	99.9	300 9	320 7	7 2	60.2	999 9	999
0.9	24.8	1766.2	825.0	13.8	7.7	999.9	99.9	99.9	99 9	303.2	325.3	8 0	66.6	999 9	999
1.7	27.4	2025.4	800.0	12.7	5.4	999 9	99.9	99.9	99 9	304.7	324.4	7 1	61 1	999.9	999
2.5	30.1	2292.0	775.0	12.5	3.1	999.9	99.9	99 9	99 9	307.2	324.9	6 2	52.7	999.9	999
3.4	32.8	2566.4	750.0	10.6	1.6	999.9	99 9	99.9	99 9	308 1	324 6	5.7	53.5	999.9	999
4.3	35.5	2848.1	725.0	8.4	1.2	999.9	99.9	99.9	99.9	308.7	325.3	5.8	60 8	999.9	999
5.3	38.2	3137.2	700.0	5.6	0.4	999.9	99.9	99 9	99.9	308.7	324.9	5.6	69 3	999 9	999
6.2	41.0	3433.7	675.0	3.1	-0.7	999.9	99.9	99.9	99.9	309 1	324 7	5 4	76 0	999 9	999
7.2	43.9	3738.6	650.0	0.7	-2.4	999.9	99.9	99.9	99 9	309 7	324 2	5.0	80 0	999.9	999
8.1	46.8	4052 8	625.0	-1.8	-3.0	999.9	99.9	99.9	99.9	310 4	324 8	4 9	92 0	999 9	999
9.1	49.7	4376.4	600.0	-4.7	-5.0	119.8	2.9	-2.5	1.4	310.6	323 6	4 4	98 1	1 5	347
10.3	52.6	4710.3	575.0	-7.1	-7.4	138.0	2.6	-1.7	1 9	311 7	323 1	3.8	98 1	1 6	343
11.4	55.6	5056 0	550.0	-9.3	-9.8	168.8	3.7	-0 7	3 6	313.1	323 1	3 3	96 2	1.8	342
12.5	58.7	5414.7	525.0	-11.4	-12.8	189 0	4.3	0.7	4.3	314.7	323.1	2 7	89.5	2 1	344
13.7	61.7	5787.5	500.0	-14.0	-25.9	187.1	3.0	0.4	2 9	315.9	319 2	1 0	38.2	2 3	348
15.1	65.0	6175.6	475.0	-16.3	-30.6	176.0	3.0	-0.2	3.0	317 9	320.0	0.6	27 7	2.5	348
16.5	68.3	6580.3	450.0	-19.1	-33 8	204.6	5.0	2 1	4.6	319 3	320.9	0.5	25.7	2.8	350
17.9	71.5	7003.5	425.0	-21.9	-34.7	234.2	7.3	5.9	4.2	320.9	322.5	0.5	30.2	3.1	358
19.4	75.0	7446.6	400.0	-25.3	-39.1	238.1	8.8	7 5	4.6	322.2	323.3	0.3	25.9	3 6	9
21.0	78.4	7911.8	375.0	-29.0	-39.8	237.8	8.5	7.2	4 5	323.2	324 3	0.3	34 7	4.2	17
22.7	82.1	8401.7	350.0	-32.5	-46.2	249.0	9.0	8 4	3.2	325.0	325.6	0 2	23.9	4 8	25
24.5	85.9	8920.7	325.0	-35.9	-50.3	248.8	8.7	8 1	3.1	327 2	327.6	0.1	20.9	5 6	32
26.5	89.7	9471.6	300.0	-40.7	99.9	247.7	10.0	9.2	3.8	328 0	999.9	99 9	999.9	6 4	38
28.6	93.8	10057.4	275.0	-45.8	99.9	250.0	8.8	8 2	3.0	329 0	999.9	99.9	999.9	7 6	42
30.8	98.2	10684.8	250.0	-50.6	99.9	252.6	8.0	7 7	2.4	330.8	999 9	99.9	999.9	8 5	46
33.1	102.8	11364.5	225.0	-55.4	99.9	263.7	8.1	8 1	0.9	333 6	999 9	99.9	999.9	9.5	50
35.8	107.6	12109.9	200.0	-59.0	99.9	258.8	10.5	10.3	2.0	339.3	999.9	99.9	999.9	10.7	53
39.0	113.0	12940.1	175.0	-60.4	99.9	266.0	12 4	12.4	0 4	350.2	999.9	99.9	999.9	12 7	59
42.6	119.0	13905.2	150.0	-59.2	99.9	266.0	13.3	13.3	0.9	368.1	999.9	99 9	999.9	15 2	63
46.6	125.2	15042.5	125.0	-60.7	99.9	269.6	12.3	12.3	0.1	385.1	999.9	99.9	999.9	18.4	67
51.7	132.7	16424.4	100.0	-63.7	99.9	281.4	8.1	8 0	-1.6	404.8	999 9	99 9	999.9	20.8	71
57.4	141.0	18194.7	75.0	-60.9	99.9	312 4	5.0	3.7	-3.4	445.1	999.9	99.9	999.9	22.3	75
65.3	151.0	20726.0	50.0	-58.0	99.9	91.5	3.8	-3.8	0.1	506.9	999 9	99.9	999.9	21.0	75
78.4	162.3	25180.9	25.0	-50.4	99.9	75.5	3.2	-3 1	-0.8	640 1	999 9	99.9	999 9	17 9	75

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STATION NO. 374
WINSLOW, ARIZONA

1 MAY 1982
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143 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.5	1487.0	852.7	21.1	8.4	100.0	2.1	-2.1	0.4	308.0	330.9	8.2	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	20.7	1514.4	850.0	20.5	7.4	95.2	1.9	-1.9	0.2	307.6	320.2	7.7	42.8	0.1	326
1.2	23.2	1771.0	825.0	17.6	6.9	92.4	1.9	-1.9	0.1	307.2	328.7	7.6	49.7	0.2	280
2.3	25.6	2032.9	800.0	14.7	6.0	132.7	1.6	-1.2	1.1	306.9	327.7	7.4	56.0	0.3	280
3.3	28.1	2300.5	775.0	12.2	5.3	173.4	2.6	-0.3	2.6	307.0	327.5	7.3	62.7	0.4	297.
4.2	30.6	2574.8	750.0	9.9	4.4	167.0	2.8	-0.6	2.7	307.4	327.2	7.0	68.3	0.5	314
5.1	33.1	2855.9	725.0	8.2	0.3	171.4	3.1	-0.5	3.1	308.5	324.2	5.4	57.5	0.6	321.
6.2	35.7	3145.2	700.0	6.3	-0.3	175.9	4.4	-0.3	4.4	309.4	325.0	5.4	62.6	0.8	331.
7.4	38.3	3442.5	675.0	3.8	-1.5	170.9	6.1	-1.0	6.1	309.9	324.8	5.1	68.5	1.2	340.
8.6	41.0	3748.1	650.0	1.8	-4.2	133.5	5.9	-4.3	4.1	311.0	323.8	4.3	64.3	1.6	338
9.8	43.7	4063.5	625.0	-0.4	-5.4	111.3	5.8	-5.4	2.1	312.0	324.1	4.1	69.1	1.9	331
11.0	46.4	4388.5	600.0	-3.7	-6.0	111.3	5.9	-5.5	2.1	311.9	324.0	4.1	83.6	2.3	323
12.3	49.2	4723.4	575.0	-6.4	-8.0	129.6	6.6	-5.1	4.2	312.4	323.4	3.6	88.6	2.7	319
13.6	52.1	5070.0	550.0	-8.6	-11.0	145.5	5.8	-3.3	4.8	313.9	323.1	3.0	82.3	3.2	319
15.0	55.0	5429.6	525.0	-10.7	-13.4	170.4	4.8	-0.8	4.7	315.6	323.7	2.6	80.3	3.6	321
16.4	58.0	5803.5	500.0	-13.2	-16.4	184.3	4.7	0.3	4.7	316.9	323.6	2.1	76.6	3.9	325
17.9	61.0	6192.6	475.0	-15.9	-25.2	179.1	5.0	-0.1	5.0	318.4	321.8	1.0	44.3	4.2	328
19.5	64.1	6597.7	450.0	-19.1	-31.6	188.2	5.9	0.8	5.8	319.2	321.3	0.6	32.0	4.7	331.
21.0	67.3	7020.9	425.0	-21.8	-36.4	223.9	5.7	4.0	4.1	321.0	322.4	0.4	25.1	5.0	336.
22.7	70.6	7464.9	400.0	-24.7	-39.5	233.5	7.5	6.1	4.5	322.9	324.0	0.3	23.6	5.2	343
24.6	74.1	7931.1	375.0	-28.4	-42.9	229.1	8.7	6.6	5.7	324.1	324.9	0.2	22.9	5.6	352
26.4	77.6	8422.4	350.0	-31.9	-45.9	224.0	7.7	5.4	5.5	325.8	326.4	0.2	23.1	6.2	35[illegible]
28.3	81.3	8941.9	325.0	-35.7	-49.2	221.4	8.3	5.5	6.2	327.4	327.9	0.1	23.2	6.9	.
30.4	85.1	9493.1	300.0	-40.3	99.9	221.8	10.4	7.0	7.8	328.5	999.9	99.9	999.9	7.8	9
32.5	89.0	10079.8	275.0	-45.1	99.9	231.5	9.8	7.7	6.1	330.0	999.9	99.9	999.9	8.9	14
34.8	93.2	10710.8	250.0	-49.7	99.9	236.4	9.5	8.0	5.3	332.2	999.9	99.9	999.9	9.9	19
37.2	97.8	11392.4	225.0	-54.8	99.9	236.0	8.5	7.1	4.8	334.5	999.9	99.9	999.9	11.0	23
39.7	102.6	12137.0	200.0	-59.8	99.9	241.8	9.9	8.7	4.7	338.1	999.9	99.9	999.9	12.1	27
42.7	107.8	12968.6	175.0	-60.3	99.9	238.5	11.1	9.4	5.8	350.4	999.9	99.9	999.9	13.7	31
46.1	113.5	13935.1	150.0	-58.5	99.9	241.1	11.8	10.3	5.7	369.4	999.9	99.9	999.9	15.9	35.
50.2	120.0	15076.0	125.0	-60.3	99.9	265.4	12.4	12.3	1.0	385.8	999.9	99.9	999.9	18.6	41
54.7	127.0	16457.2	100.0	-63.5	99.9	275.5	8.0	8.0	-0.8	405.0	999.9	99.9	999.9	20.2	46.
60.6	135.5	18241.8	75.0	-62.0	99.9	178.6	2.9	-0.1	2.9	443.0	999.9	99.9	999.9	21.0	49.
68.3	145.0	20769.3	50.0	-57.7	99.9	136.5	3.8	-2.6	2.8	507.6	999.9	99.9	999.9	20.3	45
81.4	155.7	25236.1	25.0	-50.8	99.9	332.3	2.7	1.3	-2.4	639.1	999.9	99.9	999.9	18.7	41

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OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA

1 MAY 1982
2015 GMT

141 37 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.9	1487.0	850.3	23.3	7.4	120.0	3.6	-3.1	1.8	310.5	332.4	7.6	36.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	19.9	1490.1	850.0	23.3	7.4	119.4	4.2	-3.7	2.1	310.6	332.4	7.7	36.1	0.0	346
0.8	22.4	1748.7	825.0	20.0	2.3	117.2	6.3	-5.6	2.9	309.8	325.7	5.5	30.8	0.2	299
1.6	24.7	2012.6	800.0	17.4	3.4	115.4	4.7	-4.3	2.0	309.7	327.4	6.1	39.4	0.5	298
2.6	27.2	2282.7	775.0	14.9	3.1	105.0	2.6	-2.5	0.7	309.8	327.7	6.2	45.1	0.7	296
3.4	29.7	2559.2	750.0	12.6	2.0	125.9	3.0	-2.4	1.7	310.2	327.4	5.9	48.6	0.8	296
4.2	32.3	2842.6	725.0	9.8	0.8	137.4	3.2	-2.1	2.3	310.2	326.5	5.6	53.3	1.0	298
5.2	35.0	3132.9	700.0	7.1	0.1	145.9	3.6	-2.0	3.0	310.3	326.4	5.5	61.2	1.2	303
6.1	37.7	3431.1	675.0	4.5	0.2	144.7	3.2	-1.9	2.6	310.7	327.4	5.8	73.8	1.3	305
7.0	40.4	3737.3	650.0	1.8	-3.0	150.0	4.7	-2.4	4.1	311.0	324.8	4.7	70.5	1.5	308
8.1	43.3	4052.8	625.0	-0.4	-5.2	151.5	6.9	-3.3	6.0	312.0	324.3	4.2	70.2	1.9	313
9.1	46.1	4378.1	600.0	-3.0	-5.7	149.3	6.9	-3.5	5.9	312.6	325.1	4.2	82.0	2.3	317
10.2	49.1	4714.0	575.0	-5.6	-7.8	144.6	5.5	-3.2	4.5	313.4	324.5	3.7	84.9	2.7	318
11.5	52.3	5061.4	550.0	-8.3	-9.0	150.0	6.1	-3.0	5.3	314.2	324.9	3.5	94.6	3.1	319
12.5	55.4	5422.0	525.0	-9.9	-12.0	160.0	8.3	-2.8	7.8	316.5	325.5	2.9	84.7	3.6	321
13.6	58.7	5796.5	500.0	-13.0	-14.5	163.9	8.1	-2.2	7.8	317.2	325.0	2.5	88.0	4.1	324
14.8	62.0	6185.9	475.0	-15.4	-16.3	160.5	5.8	-1.9	5.4	318.9	326.0	2.3	93.2	4.6	326
16.3	65.6	6592.5	450.0	-18.5	-25.3	146.9	5.7	-2.9	4.9	320.0	323.5	1.1	54.9	5.0	327
17.7	69.1	7018.9	425.0	-20.9	-25.4	157.8	8.1	-3.1	7.5	322.3	326.0	1.1	66.4	5.6	327
19.2	72.9	7462.0	400.0	-24.1	-28.5	166.6	10.4	-2.4	10.1	323.6	326.7	0.9	66.6	6.4	336
20.7	76.8	7930.0	375.0	-27.4	-32.0	156.1	8.6	-3.5	7.9	325.3	327.7	0.7	64.4	7.3	33[illegible]
22.1	81.0	8423.2	350.0	-30.3	-35.3	174.5	7.1	-0.7	7.1	327.9	329.8	0.5	61.4	7.9	33[illegible]
23.4	85.2	8947.3	325.0	-33.2	-39.9	210.4	10.0	5.0	8.6	330.9	332.2	0.4	50.6	8.4	33[illegible]
25.0	89.8	9504.9	300.0	-37.8	-45.8	228.8	11.8	8.9	7.7	332.0	332.8	0.2	42.8	8.9	34[illegible]
26.6	94.6	10098.0	275.0	-43.1	99.9	247.4	11.4	10.5	4.4	332.9	999.9	99.9	999.9	9.1	34[illegible]
28.3	99.6	10732.5	250.0	-48.8	99.9	230.9	11.5	8.9	7.3	333.5	999.9	99.9	999.9	9.5	355
30.1	104.8	11416.3	225.0	-54.0	99.9	216.3	12.9	7.7	10.4	335.7	999.9	99.9	999.9	10.4	0
32.2	110.6	12161.9	200.0	-59.5	99.9	214.3	13.4	7.5	11.0	338.5	999.9	99.9	999.9	11.9	5
34.8	116.7	12993.7	175.0	-60.4	99.9	222.6	13.1	8.9	9.7	350.3	999.9	99.9	999.9	13.6	9
37.5	123.2	13959.1	150.0	-57.8	99.9	234.5	13.8	11.2	8.0	370.9	999.9	99.9	999.9	15.4	15
41.1	130.3	15103.8	125.0	-60.5	99.9	255.5	11.7	11.3	2.9	385.5	999.9	99.9	999.9	17.5	22
45.7	138.0	16484.5	100.0	-64.3	99.9	262.9	8.0	7.9	1.0	403.5	999.9	99.9	999.9	18.9	28
51.3	146.0	18262.6	75.0	-62.0	99.9	187.4	3.5	0.5	3.5	443.0	999.9	99.9	999.9	19.7	30
59.0	154.3	20796.0	50.0	-58.9	99.9	999.9	99.9	99.9	99.9	504.8	999.9	99.9	999.9	20.2	26
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.3	1487.0	851.7	13.3	9.9	240.0	6.2	5.4	3.1	299.9	324.5	9.1	80.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.3	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	22.5	1503.9	850.0	13.8	9.2	999.9	99.9	99.9	99.9	300.4	324.0	8.7	75.3	999.9	999
0.9	25.1	1758.8	825.0	14.9	6.0	999.9	99.9	99.9	99.9	304.4	324.3	7.1	55.1	999.9	999
1.8	27.8	2016.6	800.0	12.9	4.9	999.9	99.9	99.9	99.9	304.9	324.1	6.8	58.3	999.9	999
2.7	30.4	2282.8	775.0	11.0	4.3	999.9	99.9	99.9	99.9	305.7	324.6	6.7	63.1	0.5	286
3.6	33.2	2555.7	750.0	8.6	2.8	103.2	5.3	-5.2	1.2	305.9	323.6	6.2	68.8	0.8	283
4.6	36.0	2835.5	725.0	6.5	1.7	111.6	6.0	-5.5	2.2	306.6	323.6	6.0	71.5	1.1	284
5.6	38.8	3122.7	700.0	3.8	1.0	120.8	7.0	-6.0	3.6	306.7	323.5	5.9	81.8	1.5	287
6.5	41.7	3417.7	675.0	1.8	1.0	131.3	8.6	-6.5	5.7	307.6	325.1	6.1	94.3	1.9	292
7.4	44.6	3721.6	650.0	-0.2	-0.6	140.3	9.7	-6.2	7.5	308.8	325.0	5.6	96.9	2.3	296
8.4	47.5	4035.4	625.0	-1.7	-2.3	153.7	11.3	-5.0	10.1	310.5	325.6	5.2	95.8	2.9	303
9.6	50.5	4359.8	600.0	-3.7	-4.3	167.2	12.0	-2.7	11.7	311.9	325.6	4.6	95.1	3.6	311
10.9	53.5	4695.5	575.0	-5.6	-6.6	174.8	11.2	-1.0	11.1	313.4	325.5	4.1	92.7	4.3	319
12.1	56.5	5043.2	550.0	-7.8	-8.6	180.1	11.9	0.0	11.9	314.8	325.9	3.6	93.8	5.0	325
13.3	59.6	5404.1	525.0	-9.8	-10.8	187.9	10.9	1.5	10.8	316.6	326.5	3.2	92.3	5.7	330
14.7	62.9	5779.5	500.0	-12.0	-12.9	175.9	7.1	-0.5	7.1	318.4	327.3	2.8	93.4	6.3	335
16.1	66.1	6170.9	475.0	-14.2	-15.6	133.7	6.7	-4.9	4.7	320.4	328.0	2.4	89.3	6.8	335
17.6	69.5	6579.5	450.0	-16.9	-19.4	119.6	7.0	-6.1	3.5	322.0	327.9	1.8	80.9	7.4	332
19.1	73.0	7006.1	425.0	-20.0	-23.0	119.2	6.4	-5.6	3.1	323.4	328.0	1.4	76.4	7.9	329
20.3	76.5	7453.5	400.0	-23.1	-26.6	130.9	4.6	-3.5	3.0	325.0	328.6	1.1	72.6	8.3	328
21.7	80.1	7922.8	375.0	-26.8	-30.2	136.4	3.6	-2.5	2.6	326.1	329.0	0.8	72.8	8.6	328
23.1	83.9	8416.9	350.0	-30.8	-34.8	126.2	4.4	-3.5	2.6	327.2	329.2	0.6	67.9	8.9	327
24.7	87.7	8938.6	325.0	-34.9	-39.7	127.2	6.0	-4.8	3.6	328.5	329.9	0.4	61.5	9.3	326
26.4	91.8	9491.5	300.0	-39.7	99.9	129.5	5.5	-4.3	3.5	329.4	999.9	99.9	999.9	9.9	325
28.3	96.0	10079.8	275.0	-44.8	99.9	127.1	4.9	-3.9	3.0	330.3	999.9	99.9	999.9	10.5	324
30.3	100.4	10709.5	250.0	-50.2	99.9	180.4	5.7	0.0	5.7	331.4	999.9	99.9	999.9	11.0	324
32.7	105.2	11390.7	225.0	-54.4	99.9	233.9	12.8	10.3	7.5	335.2	999.9	99.9	999.9	11.2	330
35.0	110.0	12136.1	200.0	-60.3	99.9	232.2	16.4	12.9	10.0	337.4	999.9	99.9	999.9	11.6	341
37.5	115.4	12964.0	175.0	-61.4	99.9	241.1	14.3	12.5	6.9	348.7	999.9	99.9	999.9	12.5	352
40.4	121.0	13928.0	150.0	-58.3	99.9	235.8	12.2	10.1	6.9	369.7	999.9	99.9	999.9	13.5	0
43.8	127.2	15073.4	125.0	-60.3	99.9	249.0	8.0	7.5	2.9	385.8	999.9	99.9	999.9	14.8	8
47.6	134.0	16449.1	100.0	-62.3	99.9	236.0	5.7	4.7	3.2	407.4	999.9	99.9	999.9	15.6	13
52.5	141.7	18232.2	75.0	-60.2	99.9	163.0	2.7	-0.8	2.6	446.8	999.9	99.9	999.9	16.6	14
59.5	150.0	20760.0	50.0	-59.2	99.9	115.5	3.0	-2.7	1.3	504.1	999.9	99.9	999.9	16.8	13
72.0	158.7	25230.1	25.0	-48.7	99.9	140.7	2.0	-1.3	1.6	645.0	999.9	99.9	999.9	15.5	5

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0.0	22.4	1487.0	851.3	15.0	12.1	140.0	1.0	-0.6	0.8	301.7	330.3	10.5	83.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	22.5	1500.0	850.0	15.0	11.4	155.7	1.7	-0.7	1.5	301.9	329.3	10.1	79.3	0.0	1
0.9	25.2	1753.1	825.0	14.6	8.2	190.0	2.4	0.4	2.4	304.0	324.3	7.3	57.2	0.2	13
1.7	28.0	2012.6	800.0	12.6	4.8	145.1	1.4	-0.8	1.1	304.5	323.6	6.8	59.3	0.2	5
2.7	30.8	2278.8	775.0	10.9	4.9	128.4	1.6	-1.3	1.0	305.5	325.4	7.1	66.6	0.3	351
3.7	33.5	2552.0	750.0	9.5	2.8	152.4	2.1	-1.0	1.9	306.9	324.7	6.2	62.5	0.4	342
4.7	36.3	2832.7	725.0	7.7	1.7	195.2	3.1	0.8	3.0	307.9	325.0	6.0	65.9	0.5	345
5.8	39.1	3121.1	700.0	5.1	1.0	210.3	3.4	1.7	2.9	308.2	325.1	5.9	74.4	0.7	358
7.0	42.0	3417.0	675.0	2.0	0.7	212.8	2.1	1.1	1.7	307.9	325.0	6.0	90.5	0.9	6
8.5	44.9	3720.9	650.0	-0.2	-0.6	187.5	2.3	0.3	2.2	308.8	325.0	5.6	96.8	1.0	7
10.0	47.9	4034.4	625.0	-2.1	-2.6	166.4	3.7	-0.9	3.6	310.1	324.9	5.1	96.6	1.3	5
11.6	50.9	4358.8	600.0	-3.4	-3.8	155.6	5.0	-2.1	4.5	312.3	326.4	4.8	96.3	1.7	358
13.3	54.0	4694.8	575.0	-5.2	-5.8	170.8	6.8	-1.1	6.7	313.9	326.8	4.3	95.9	2.3	354
14.8	57.0	5042.5	550.0	-7.9	-8.5	181.8	7.6	0.2	7.6	314.7	325.7	3.7	95.3	2.9	355
16.5	60.3	5403.5	525.0	-10.0	-11.0	182.6	7.4	0.3	7.4	316.4	326.1	3.2	93.0	3.7	357
18.1	63.4	5778.6	500.0	-12.4	-13.5	174.9	8.3	-0.7	8.2	318.0	326.4	2.7	91.2	4.4	357
19.8	66.8	6168.9	475.0	-15.2	-16.7	174.7	9.0	-0.8	9.0	319.2	326.1	2.2	88.0	5.3	356
21.6	70.1	6575.2	450.0	-18.1	-21.2	176.2	9.7	-0.6	9.7	320.5	325.6	1.6	76.4	6.4	356
23.7	73.7	7000.2	425.0	-21.0	-25.2	179.9	8.8	-0.0	8.8	322.1	325.9	1.2	68.7	7.5	356
25.2	77.3	7445.9	400.0	-23.9	-28.2	176.4	7.7	-0.5	7.7	323.9	327.1	0.9	67.4	8.2	357
26.8	80.9	7913.4	375.0	-27.8	-32.2	172.6	7.2	-0.9	7.1	324.8	327.2	0.7	65.8	9.0	357
28.7	84.7	8405.3	350.0	-32.1	-37.2	168.6	7.1	-1.4	7.0	325.5	327.1	0.4	60.1	9.7	356
30.5	88.7	8924.9	325.0	-36.0	-42.0	162.8	6.4	-1.9	6.1	327.1	328.2	0.3	53.5	10.5	355
32.4	92.7	9475.6	300.0	-40.3	99.9	145.3	5.6	-3.2	4.6	328.6	999.9	99.9	999.9	11.1	354
34.4	97.0	10062.3	275.0	-45.5	99.9	124.6	5.8	-4.8	3.3	329.3	999.9	99.9	999.9	11.6	352
36.6	101.5	10691.4	250.0	-50.5	99.9	173.5	7.7	-0.9	7.7	331.1	999.9	99.9	999.9	12.2	350
39.0	106.2	11370.3	225.0	-56.0	99.9	205.9	12.6	5.5	11.3	332.7	999.9	99.9	999.9	13.6	353
42.2	111.2	12108.7	200.0	-62.1	99.9	216.1	12.1	7.1	9.8	334.4	999.9	99.9	999.9	15.6	359
45.6	116.5	12930.3	175.0	-62.7	99.9	225.0	10.6	7.5	7.5	346.4	999.9	99.9	999.9	17.4	4
49.6	122.2	13886.8	150.0	-56.7	99.9	233.5	13.0	10.4	7.7	368.9	999.9	99.9	999.9	19.4	10
54.2	128.5	15027.5	125.0	-60.3	99.9	213.1	7.3	4.0	6.1	385.8	999.9	99.9	999.9	21.5	15
59.7	135.3	16403.2	100.0	-64.3	99.9	228.5	4.4	3.3	2.9	403.5	999.9	99.9	999.9	23.1	16
66.7	143.0	18183.1	75.0	-64.5	99.9	245.0	2.7	2.5	1.2	437.7	999.9	99.9	999.9	25.2	21
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA

2 MAY 1982
515 GMT

141 23 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.4	1487.0	852.4	13.9	12.8	180.0	2.1	0.0	2.1	300.5	330.0	11.0	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	21.6	1510.9	830.0	13.7	11.3	153.0	2.0	-0.9	1.7	300.5	327.6	10.0	85.9	0.0	352
1.0	24.2	1762.8	825.0	13.1	8.2	117.8	2.8	-2.4	1.3	302.5	325.3	8.3	71.7	0.2	326
1.8	26.8	2021.3	800.0	11.6	6.3	138.1	4.1	-2.7	3.0	303.5	324.3	7.5	69.8	0.4	316
2.8	29.3	2286.3	775.0	9.5	4.3	158.3	6.1	-2.2	5.7	304.0	322.9	6.7	69.7	0.6	322
3.7	31.9	2558.0	750.0	7.8	3.3	168.2	5.9	-1.2	5.8	305.0	323.3	6.5	72.2	1.0	330
4.7	34.6	2837.1	725.0	5.8	2.9	167.1	5.6	-1.3	5.5	305.9	324.2	6.5	80.9	1.3	335
5.6	37.2	3124.0	700.0	3.9	1.8	172.5	4.4	-0.6	4.4	306.8	324.5	6.2	86.3	1.5	336
6.5	40.0	3418.6	675.0	1.2	0.4	186.5	5.2	0.6	5.2	307.0	323.7	5.9	94.3	1.8	341
7.7	42.7	3722.4	650.0	-0.3	-1.0	191.5	4.7	0.9	4.6	308.6	324.5	5.5	95.2	2.2	346
9.1	45.4	4035.7	625.0	-2.2	-2.7	194.5	3.4	0.9	3.3	309.9	324.6	5.0	96.2	2.4	349
10.6	48.3	4359.7	600.0	-4.0	-4.5	203.3	2.8	1.1	2.6	311.5	325.1	4.6	96.2	2.7	352
12.0	51.2	4695.0	575.0	-5.9	-6.5	208.3	2.1	1.0	1.8	313.1	325.4	4.1	95.8	2.8	354
13.3	54.1	5042.5	550.0	-7.9	-8.5	190.1	3.1	0.5	3.1	314.8	325.9	3.7	95.3	3.0	356
14.7	57.1	5403.3	525.0	-9.9	-10.6	183.8	5.3	0.4	5.3	316.5	326.5	3.3	94.8	3.4	357
16.0	60.1	5778.5	500.0	-12.6	-13.4	181.7	6.1	0.2	6.1	317.7	326.2	2.7	94.0	3.8	357
17.4	63.3	6168.9	475.0	-15.0	-16.1	182.5	5.4	0.2	5.4	319.4	326.7	2.3	91.7	4.3	358
18.9	66.5	6575.8	450.0	-17.9	-19.4	181.6	5.2	0.1	5.2	320.7	326.6	1.8	88.5	4.8	358
20.5	69.8	7001.0	425.0	-21.1	-23.0	174.4	6.6	-0.6	6.6	321.9	326.6	1.4	84.5	5.3	358
22.0	73.1	7445.9	400.0	-24.3	-26.7	169.7	9.3	-1.7	9.1	323.5	327.1	1.1	79.9	6.0	357
23.7	76.6	7913.5	375.0	-27.7	-30.6	163.3	9.4	-2.7	9.0	324.9	327.6	0.8	75.9	7.0	356
25.5	80.3	8405.4	350.0	-31.9	-35.3	163.7	10.3	-2.9	9.9	325.8	327.7	0.5	70.9	8.0	354
27.5	84.0	8924.2	325.0	-36.5	-40.3	164.2	11.5	-3.1	11.1	326.4	327.6	0.3	67.3	9.3	353
29.5	87.8	9474.4	300.0	-40.7	99.9	159.4	10.6	-3.7	9.9	328.1	999.9	99.9	999.9	10.7	352
31.9	92.0	10060.2	275.0	-46.1	99.9	155.5	9.1	-3.8	8.3	328.5	999.9	99.9	999.9	12.0	350
34.3	96.2	10686.9	250.0	-51.6	99.9	173.3	7.2	-0.8	7.2	329.3	999.9	99.9	999.9	13.1	349
37.4	100.8	11362.8	225.0	-56.5	99.9	191.7	9.4	1.9	9.2	332.0	999.9	99.9	999.9	14.5	351
40.4	105.6	12101.3	200.0	-62.1	99.9	194.2	12.7	3.1	12.4	334.5	999.9	99.9	999.9	16.4	353
43.6	110.8	12922.3	175.0	-63.3	99.9	208.9	12.8	6.2	11.2	345.5	999.9	99.9	999.9	18.5	357
43.1	116.5	13887.8	150.0	-57.2	99.9	219.1	9.6	6.1	7.4	371.5	999.9	99.9	999.9	21.2	2
52.9	123.0	15028.4	125.0	-61.5	99.9	211.9	9.0	4.7	7.6	383.6	999.9	99.9	999.9	23.2	5
58.4	130.3	16403.6	100.0	-62.8	99.9	202.6	6.4	2.5	5.9	406.5	999.9	99.9	999.9	25.3	9
65.7	139.0	18161.9	75.[illegible]	-64.5	99.9	233.5	5.1	4.1	3.0	437.7	999.9	99.9	999.9	26.7	10
75.5	149.0	20664.9	50.[illegible]	-61.2	99.9	108.1	6.3	-6.0	2.0	499.3	999.9	99.9	999.9	27.3	4
92.5	160.0	25028.7	25.0	-56.7	99.9	24.8	7.3	-3.1	-6.6	621.6	999.9	99.9	999.9	28.7	356

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

STATION NO. 374
WINSLOW, ARIZONA

2 MAY 1982
1115 GMT

144 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.9	1487.0	851.3	12.8	11.7	180.0	1.0	0.0	1.0	299.4	326.9	10.2	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	23.0	1499.9	850.0	13.2	8.6	999.9	99.9	99.9	99.9	300.0	322.6	8.3	73.4	999.9	999
0.9	25.8	1751.4	825.0	12.5	8.3	999.9	99.9	99.9	99.9	301.9	324.8	8.4	75.1	999.9	999
1.8	28.5	2009.3	800.0	10.7	7.5	999.9	99.9	99.9	99.9	302.6	325.1	8.2	80.9	999.9	999
2.7	31.2	2273.8	775.0	9.3	6.4	999.9	99.9	99.9	99.9	303.9	325.5	7.8	81.7	999.9	999
3.7	34.0	2545.4	750.0	7.5	4.4	999.9	99.9	99.9	99.9	304.8	324.5	7.1	80.8	999.9	999
4.8	36.9	2824.6	725.0	5.7	4.1	999.9	99.9	99.9	99.9	305.8	325.7	7.1	89.0	999.9	999
5.8	39.8	3111.0	700.0	3.2	2.7	999.9	99.9	99.9	99.9	306.0	324.8	6.7	96.4	999.9	999
6.6	42.6	3405.5	675.0	1.2	0.8	999.9	99.9	99.9	99.9	307.0	324.2	6.0	97.2	999.9	999
7.6	45.6	3708.8	650.0	-0.9	-1.4	999.9	99.9	99.9	99.9	307.9	323.3	5.3	96.8	999.9	999
8.5	48.5	4021.3	625.0	-2.8	-3.2	999.9	99.9	99.9	99.9	309.3	323.4	4.8	96.5	999.9	999
9.6	51.6	4344.5	600.0	-4.7	-5.2	999.9	99.9	99.9	99.9	310.7	323.5	4.3	96.1	3.5	330
10.7	54.6	4678.3	575.0	-7.2	-10.8	142.6	10.0	-6.1	8.0	311.6	320.5	2.9	75.3	4.1	329
11.8	57.8	5023.7	550.0	-9.5	-10.4	143.3	11.0	-6.6	8.8	312.8	322.4	3.2	93.3	4.8	328
12.9	60.9	5382.0	525.0	-11.6	-22.7	153.0	11.1	-5.0	9.9	314.4	318.3	1.2	40.2	5.6	328
14.2	64.1	5754.4	500.0	-13.6	-20.0	163.6	10.4	-2.9	9.9	316.4	321.4	1.6	58.4	6.4	329
15.4	67.5	6142.7	475.0	-16.4	-21.8	161.5	9.8	-3.1	9.3	317.6	322.3	1.4	64.3	7.1	331
16.8	70.9	6547.5	450.0	-18.9	-30.7	149.9	8.2	-4.1	7.1	319.5	321.8	0.7	35.3	7.8	332
18.3	74.4	6970.7	425.0	-22.0	-35.6	144.7	8.6	-5.0	7.0	320.8	322.3	0.4	27.8	8.5	331
19.8	78.0	7414.1	400.0	-25.2	-33.6	148.2	10.9	-5.8	9.3	322.3	324.2	0.6	44.9	9.4	331
21.4	81.7	7879.5	375.0	-29.0	-36.7	145.5	11.1	-6.3	9.2	323.2	324.7	0.4	47.1	10.5	330
23.1	85.3	8369.6	350.0	-32.4	-40.7	146.8	7.0	-3.8	5.9	325.1	326.2	0.3	42.8	11.4	330
25.0	89.3	8887.3	325.0	-37.2	-45.6	139.6	6.3	-4.1	4.8	325.4	326.2	0.2	40.7	12.1	330
27.0	93.3	9435.1	300.0	-41.8	99.9	141.2	7.4	-4.6	5.8	326.5	999.9	99.9	999.9	13.0	329
29.4	97.6	10018.4	275.0	-47.0	99.9	136.8	8.9	-6.1	6.5	327.2	999.9	99.9	999.9	14.1	328
31.8	102.0	10642.3	250.0	-52.2	99.9	147.4	11.9	-6.4	10.0	328.5	999.9	99.9	999.9	15.5	327
34.4	106.8	11316.3	225.0	-57.4	99.9	171.7	13.8	-2.0	13.7	330.6	999.9	99.9	999.9	17.5	329
37.2	111.6	12054.2	200.0	-61.5	99.9	174.1	8.9	-0.9	8.9	335.3	999.9	99.9	999.9	19.4	332
40.2	117.0	12879.9	175.0	-62.1	99.9	158.2	6.7	-2.5	6.2	347.5	999.9	99.9	999.9	20.3	332
44.0	122.7	13840.0	150.0	-60.2	99.9	198.7	9.5	3.0	9.0	366.5	999.9	99.9	999.9	21.9	335
48.2	129.0	14976.5	125.0	-62.1	99.9	213.0	11.2	6.1	9.4	382.6	999.9	99.9	999.9	23.6	340
53.1	135.7	16346.4	100.0	-64.0	99.9	216.7	5.7	3.4	4.6	404.2	999.9	99.9	999.9	25.0	345
59.4	143.3	18105.8	75.0	-64.5	99.9	186.3	3.3	0.5	3.3	437.6	999.9	99.9	999.9	26.0	347
67.6	151.5	20597.2	50.0	-61.6	99.9	156.5	4.6	-1.9	4.3	498.3	999.9	99.9	999.9	27.9	345
81.6	160.3	24975.4	25.0	-53.7	99.9	999.9	99.9	99.9	99.9	630.8	999.9	99.9	999.9	28.1	339

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS

1 MAY 1982
1100 GMT

157 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	175.0	1002.2	8.3	8.3	300.0	1.6	1.4	-0.8	281.3	298.7	3.9	100.0	0.0	0
0.1	6.3	193.4	1000.0	9.1	8.1	309.6	2.4	1.8	-1.5	282.3	299.6	6.8	93.8	0.0	31
0.8	8.8	406.0	975.0	13.9	6.2	337.3	4.3	1.7	-4.0	289.2	305.3	6.1	59.6	0.2	142
1.6	11.3	624.7	950.0	12.3	5.3	333.8	3.7	1.6	-3.3	289.7	305.4	5.9	62.1	0.4	147
2.3	13.8	847.8	925.0	11.0	3.6	337.5	3.9	1.5	-3.6	290.5	304.9	5.4	60.5	0.6	150
3.1	16.4	1075.7	900.0	8.8	1.7	341.4	4.6	1.5	-4.4	290.6	303.6	4.8	61.1	0.8	152
3.9	18.9	1308.2	875.0	7.0	1.0	344.3	4.7	1.3	-4.5	291.0	303.8	4.7	65.8	1.0	155
4.7	21.5	1545.9	850.0	4.8	1.6	335.3	4.0	1.7	-3.6	291.2	304.6	5.1	79.5	1.2	157
5.5	24.1	1788.8	825.0	3.0	-0.2	291.5	4.8	4.4	-1.8	291.8	304.3	4.6	79.9	1.4	155
6.4	26.7	2039.2	800.0	4.5	-9.0	270.4	5.1	5.1	-0.0	298.0	303.0	2.4	36.7	1.5	145
7.3	29.3	2297.0	775.0	2.9	-11.7	267.2	5.7	5.7	0.3	298.9	302.8	2.0	33.3	1.7	137
8.3	32.0	2561.5	750.0	1.0	-12.6	287.2	6.9	6.6	-2.0	297.7	303.4	1.9	35.4	2.0	130
9.3	34.7	2834.1	725.0	1.2	-18.1	301.5	6.9	5.8	-3.6	300.8	304.7	1.3	22.5	2.4	128
10.3	37.3	3115.8	700.0	-0.5	-7.4	294.0	6.2	5.7	-2.5	301.9	311.1	3.1	59.6	2.8	127
11.3	40.1	3405.5	675.0	-2.6	-8.2	279.5	6.4	6.3	-1.1	302.8	311.6	3.0	65.1	3.1	124
12.3	42.9	3703.6	650.0	-5.7	-8.3	287.9	6.4	6.1	-2.0	302.5	311.7	3.2	82.1	3.5	122
13.4	45.7	4011.1	625.0	5.1	-30.1	312.4	7.0	5.2	-4.7	308.6	308.3	0.5	11.8	3.9	122
14.5	48.6	4331.6	600.0	-5.6	-30.6	324.6	7.4	4.3	-6.0	309.6	311.3	0.5	11.8	4.4	124
15.7	51.6	4663.5	575.0	-8.4	-32.3	324.3	6.8	4.0	-5.5	310.1	311.6	0.4	12.4	4.9	126
16.9	54.5	5006.2	550.0	-11.5	-34.3	320.0	8.2	5.3	-6.3	310.4	311.7	0.4	13.1	5.4	127
18.3	57.6	5361.2	525.0	-13.8	-36.4	325.3	8.2	4.6	-6.7	311.9	313.0	0.3	12.6	6.1	129
19.8	60.7	5730.5	500.0	-16.2	-38.5	330.4	8.0	4.0	-7.0	313.3	314.2	0.3	12.6	6.7	131
21.1	63.9	6113.7	475.0	-19.7	-40.9	331.6	9.6	4.6	-8.5	313.6	314.4	0.2	13.1	7.4	133
22.7	67.1	6512.2	450.0	-23.3	-43.7	327.5	9.9	5.3	-8.3	314.0	314.6	0.2	13.3	8.3	135
24.2	70.4	6927.7	425.0	-26.8	-46.5	312.9	12.0	8.8	-8.1	314.7	315.2	0.1	13.4	9.2	135
25.6	73.9	7362.6	400.0	-29.8	-48.9	303.6	16.1	13.4	-8.9	316.3	316.7	0.1	13.5	10.4	135
27.2	77.4	7819.3	375.0	-33.4	-51.5	299.4	20.5	17.9	-10.1	317.4	317.8	0.1	14.0	12.1	133
28.9	81.0	8300.0	350.0	-37.0	-54.1	295.6	23.3	21.0	-10.1	318.9	319.1	0.1	14.7	14.3	130
30.9	84.8	8808.3	325.0	-40.9	99.9	296.6	24.9	22.3	-11.2	320.3	999.9	99.9	999.9	17.2	128
33.0	88.7	9348.9	300.0	-44.4	99.9	291.1	27.3	25.5	-9.8	322.8	999.9	99.9	999.9	20.3	126
35.2	92.8	9926.5	275.0	-48.1	99.9	282.8	32.9	32.1	-7.3	325.5	999.9	99.9	999.9	24.0	123
37.4	97.0	10549.0	250.0	-52.1	99.9	277.4	38.3	38.0	-4.9	328.6	999.9	99.9	999.9	28.4	119
39.9	101.6	11223.2	225.0	-57.6	99.9	277.0	42.4	42.0	-5.2	330.3	999.9	99.9	999.9	34.0	115
42.7	106.4	11957.0	200.0	-62.8	99.9	281.7	39.7	38.8	-8.0	333.4	999.9	99.9	999.9	41.0	112
45.7	111.6	12779.2	175.0	-63.5	99.9	284.9	33.5	32.4	-8.6	345.2	999.9	99.9	999.9	47.4	111
49.1	117.0	13730.3	150.0	-59.4	99.9	289.5	24.6	23.2	-8.2	367.8	999.9	99.9	999.9	53.6	111
53.3	123.2	14871.2	125.0	-60.3	99.9	290.6	16.5	15.5	-5.8	385.8	999.9	99.9	999.9	58.6	111
57.9	130.0	16262.2	100.0	-60.5	99.9	296.7	13.8	12.4	-6.2	410.9	999.9	99.9	999.9	62.7	111
64.2	138.0	18058.5	75.0	-58.7	99.9	328.4	9.3	4.9	-7.9	449.9	999.9	99.9	999.9	66.7	111
72.2	146.7	20628.1	50.0	-56.3	99.9	34.5	3.9	-2.2	-3.2	511.0	999.9	99.9	999.9	68.2	113
84.8	156.0	25076.8	25.0	-51.5	99.9	353.8	5.0	0.5	-5.0	636.6	999.9	99.9	999.9	66.7	115

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

STATION NO 433
SALEM, ILLINOIS

1 MAY 1982
1415 GMT

'59 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	175.0	1003.3	16.6	99.9	999.9	99.9	99.9	99.9	289.5	999.9	99.9	999.9	0.0	0
0.0	6.7	203.1	1000.0	16.6	99.9	999.9	99.9	99.9	99.9	289.7	999.9	99.9	999.9	999.9	999
0.7	9.1	418.1	975.0	14.7	7.1	999.9	99.9	99.9	99.9	289.9	307.2	6.5	50.5	0.2	168
1.5	11.6	637.5	950.0	13.1	6.5	354.9	3.8	0.3	-3.8	290.5	307.5	6.4	64.1	0.3	173
2.3	14.1	831.3	925.0	11.5	6.6	2.9	2.8	-0.1	-2.7	291.1	308.7	6.6	71.7	0.5	174
3.1	16.6	1090.0	900.0	9.6	6.0	2.7	2.3	-0.1	-2.3	291.4	308.8	6.6	78.6	0.6	176
4.0	19.2	1323.4	875.0	7.6	6.0	14.7	2.6	-0.7	-2.5	291.7	309.6	6.7	89.5	0.7	177
4.8	21.7	1562.0	850.0	5.7	5.0	28.5	3.6	-1.7	-3.2	292.2	309.4	6.5	95.2	0.9	182
5.6	24.3	1806.0	825.0	4.1	2.4	31.8	3.3	-1.7	-2.8	292.9	307.9	5.5	89.0	1.0	187
6.8	26.9	2056.1	800.0	4.0	-3.4	313.5	2.9	2.1	-2.0	295.4	305.9	3.7	58.7	1.2	188
7.4	29.5	2314.7	775.0	4.0	-6.8	303.4	4.9	4.1	-2.7	298.2	306.7	3.0	45.0	1.2	178
8.5	32.1	2580.7	750.0	3.2	-8.3	309.7	5.6	4.3	-3.6	300.1	308.0	2.7	42.6	1.5	168
9.7	34.9	2854.8	725.0	1.3	-5.1	296.1	6.1	5.4	-2.7	300.8	311.2	3.6	62.6	1.8	160
10.6	37.7	3136.5	700.0	-0.5	-5.0	283.1	8.0	7.8	-1.8	301.9	312.7	3.8	71.5	2.1	150
11.9	40.4	3428.5	675.0	-2.8	-5.8	289.1	7.8	7.4	-2.5	302.5	313.1	3.7	79.8	2.5	140
13.0	43.2	3725.8	650.0	-2.7	-25.2	316.7	6.6	4.5	-4.8	306.0	308.4	0.8	15.7	3.0	137
14.2	46.1	4036.2	625.0	-3.4	-26.1	330.2	7.0	3.5	-6.0	308.6	311.0	0.7	15.1	3.4	139
15.5	48.0	4358.0	600.0	-5.1	-27.0	326.3	8.4	4.7	-7.0	310.2	312.5	0.7	16.0	4.0	140
16.7	51.9	4690.5	575.0	-6.1	-28.8	318.5	10.2	6.7	-7.6	310.5	312.5	0.6	17.0	4.6	140
17.9	54.9	5033.6	550.0	-11.2	-31.1	311.6	10.8	8.1	-7.2	310.8	312.5	0.5	17.4	5.5	140
19.3	57.9	5388.9	525.0	-13.1	-33.6	301.8	9.1	7.7	-4.8	312.7	314.1	0.4	16.0	6.3	138
20.6	61.0	5759.2	500.0	-15.2	-35.5	291.6	6.9	6.4	-2.5	314.5	315.7	0.4	15.7	6.9	136
22.2	64.3	6144.6	475.0	-18.6	-38.1	299.3	7.5	6.5	-3.7	315.0	316.1	0.3	15.9	7.5	134
23.6	67.4	6544.6	450.0	-22.5	-40.8	306.5	8.8	7.1	-5.3	315.0	315.8	0.2	16.9	8.2	133
25.5	70.8	6961.9	425.0	-25.3	-43.2	307.8	11.3	8.9	-6.9	316.6	317.3	0.2	16.9	9.2	133
27.2	74.1	7399.2	400.0	-28.4	-45.7	307.1	14.5	11.6	-8.7	318.0	318.6	0.2	17.0	10.5	132
29.1	77.7	7858.0	375.0	-32.1	-48.8	307.0	16.1	12.9	-9.7	319.1	319.5	0.1	17.1	12.3	131
31.0	81.3	8341.8	350.0	-35.4	-51.3	305.4	16.0	13.1	-9.3	321.0	321.3	0.1	17.8	14.2	131
32.9	85.0	8853.2	325.0	-39.4	-54.5	301.7	17.6	15.0	-9.2	322.3	322.6	0.1	18.2	16.1	130
35.1	88.9	9396.3	300.0	-43.7	99.9	298.9	19.4	17.0	-9.4	323.8	999.9	99.9	999.9	18.5	129
37.5	93.2	9975.6	275.0	-47.5	99.9	291.3	23.0	21.4	-8.4	326.4	999.9	99.9	999.9	21.3	127
39.9	97.4	10599.2	250.0	-51.6	99.9	284.2	30.9	29.9	-7.6	329.3	999.9	99.9	999.9	25.0	124
42.3	101.8	11275.3	225.0	-56.3	99.9	283.3	36.6	35.6	-8.4	332.2	999.9	99.9	999.9	29.6	120
45.1	106.8	12013.5	200.0	-61.2	99.9	285.0	35.3	34.1	-9.2	335.9	999.9	99.9	999.9	35.9	118
48.2	111.8	12842.0	175.0	-62.3	99.9	285.9	31.4	30.2	-8.6	347.2	999.9	99.9	999.9	41.8	116
51.6	117.5	13801.4	150.0	-59.2	99.9	290.9	21.7	20.2	-7.7	366.1	999.9	99.9	999.9	47.2	115
56.6	123.7	14943.4	125.0	-60.0	99.9	289.4	15.5	14.7	-5.2	388.4	999.9	99.9	999.9	51.6	114
60.7	130.7	16339.7	100.0	-57.7	99.9	292.6	14.4	13.3	-5.5	416.3	999.9	99.9	999.9	55.8	114
66.6	138.3	18146.9	75.0	-58.1	99.9	325.3	8.6	4.9	-7.1	451.1	999.9	99.9	999.9	59.9	114
75.1	147.5	20733.2	50.0	-55.1	99.9	335.9	3.6	1.5	-3.3	513.7	999.9	99.9	999.9	61.2	115
88.0	157.3	25216.5	25.0	-49.5	99.9	15.2	4.0	-1.1	-3.9	642.7	999.9	99.9	999.9	60.6	117

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STATION NO. 433
SALEM, ILLINOIS

1 MAY 1982
1715 GMT

163 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	175.0	1002.8	18.8	99.9	999.9	99.9	99.9	99.9	291.7	999.9	99.9	999.9	0.0	0
0.1	7.4	199.0	1000.0	18.7	99.9	999.9	99.9	99.9	99.9	291.8	999.9	99.9	999.9	999.9	999
0.7	10.0	415.5	975.0	17.0	7.6	999.9	99.9	99.9	99.9	292.2	310.2	6.7	54.0	999.9	999
1.3	12.8	636.3	950.0	14.9	6.9	358.7	1.1	0.0	-1.1	292.3	309.9	6.6	58.9	0.2	198
2.1	15.7	861.2	925.0	12.3	6.4	283.8	0.6	0.6	-0.2	291.9	309.2	6.5	67.1	0.2	190
2.9	18.4	1090.3	900.0	10.0	6.0	195.4	0.4	0.1	0.3	291.8	309.2	6.5	76.1	0.2	185
3.8	21.2	1323.9	875.0	7.9	5.4	262.6	0.3	0.3	0.0	292.0	309.2	6.5	84.4	0.2	185
4.7	24.0	1562.6	850.0	6.0	5.4	47.7	1.1	-0.8	-0.8	292.4	310.1	6.7	96.3	0.2	183
5.7	26.9	1807.0	825.0	5.0	3.8	48.7	2.7	-2.1	-1.8	293.9	310.4	6.1	92.4	0.3	207
6.5	29.7	2057.8	800.0	3.8	0.5	347.5	4.3	0.9	-4.2	295.2	308.9	5.0	79.4	0.4	203
7.4	32.6	2316.2	775.0	3.8	-3.4	312.3	5.0	3.7	-3.4	297.9	308.7	3.8	59.3	0.6	183
8.3	35.5	2581.9	750.0	2.0	-7.5	294.4	6.7	6.1	-2.8	298.8	307.1	2.9	49.1	0.8	162
9.3	38.4	2855.0	725.0	0.9	-5.1	290.0	8.5	8.0	-2.9	300.4	310.8	3.6	64.1	1.2	145
10.3	41.4	3136.7	700.0	-0.3	-7.4	284.6	8.0	7.7	-2.0	302.2	311.3	3.1	58.7	1.8	133
11.3	44.4	3427.1	675.0	-1.4	-23.0	280.5	5.8	5.7	-1.1	304.1	306.9	0.9	17.3	2.0	127
12.3	47.4	3726.8	650.0	-2.6	-25.4	290.9	4.7	4.4	-1.7	306.0	308.4	0.7	15.3	2.2	124
13.5	50.5	4038.1	625.0	-2.7	-24.9	306.1	6.6	5.3	-3.9	309.4	312.0	0.8	16.0	2.6	124
14.6	53.6	4360.3	600.0	-5.1	-26.5	309.5	9.6	7.4	-6.1	310.3	312.6	0.7	16.6	3.2	124
15.8	56.8	4692.6	575.0	-8.3	-28.9	312.5	11.2	8.3	-7.6	310.3	312.3	0.6	17.0	3.9	126
17.1	60.0	5035.2	550.0	-11.4	-31.3	311.7	12.5	9.4	-8.3	310.6	312.3	0.5	17.4	4.8	127
18.4	63.3	5390.6	525.0	-13.4	-33.7	299.1	11.0	9.6	-5.3	312.4	313.8	0.4	16.1	5.8	127
19.8	66.6	5761.1	500.0	-15.1	-35.5	283.9	10.0	9.7	-2.4	314.6	315.9	0.4	15.5	6.6	125
21.2	70.0	6145.9	475.0	-18.6	-38.4	284.0	9.4	9.1	-2.3	314.9	316.0	0.3	15.6	7.4	123
22.8	73.6	6546.3	450.0	-22.1	-40.9	296.0	10.9	9.8	-4.8	315.5	316.3	0.2	16.2	8.3	121
24.4	77.1	6961.2	425.0	-25.0	-43.2	303.8	12.8	10.7	-7.1	317.0	317.7	0.2	16.4	9.4	121
26.0	80.9	7401.5	400.0	-28.8	-46.3	308.6	13.8	10.8	-8.6	317.6	318.2	0.1	16.5	10.7	122
27.8	84.6	7860.4	375.0	-32.0	-48.8	301.2	14.9	12.8	-7.7	319.3	319.7	0.1	16.8	12.2	122
29.6	88.5	8344.3	350.0	-35.4	-51.7	295.8	17.3	15.6	-7.5	321.0	321.3	0.1	16.9	14.0	122
31.7	92.6	8855.7	325.0	-39.6	99.9	296.4	18.0	16.1	-8.0	322.1	999.9	99.9	999.9	16.1	121
33.8	96.8	9398.1	300.0	-44.1	99.9	294.3	18.2	16.6	-7.5	323.3	999.9	99.9	999.9	18.5	120
36.0	101.2	9976.0	275.0	-48.7	99.9	286.7	20.3	19.4	-5.8	324.7	999.9	99.9	999.9	20.8	119
38.1	105.7	10597.1	250.0	-52.9	99.9	283.2	25.0	24.3	-5.7	327.4	999.9	99.9	999.9	23.7	117
40.6	110.4	11270.3	225.0	-57.1	99.9	281.0	30.8	30.2	-5.9	331.1	999.9	99.9	999.9	27.6	115
43.4	115.6	12006.4	200.0	-61.6	99.9	283.5	32.8	31.9	-7.6	335.3	999.9	99.9	999.9	33.1	113
46.3	121.0	12830.9	175.0	-62.3	99.9	283.9	25.7	25.0	-6.2	347.1	999.9	99.9	999.9	38.3	112
49.8	126.8	13792.7	150.0	-60.2	99.9	281.4	19.3	19.0	-3.8	366.4	999.9	99.9	999.9	42.7	110
53.9	133.2	14930.6	125.0	-60.1	99.9	281.9	16.6	16.2	-3.4	386.2	999.9	99.9	999.9	47.1	110
58.7	140.2	16325.7	100.0	-59.4	99.9	300.4	13.9	12.0	-7.0	413.0	999.9	99.9	999.9	51.7	109
64.5	147.7	18138.7	75.0	-58.1	99.9	286.9	7.4	7.1	-2.1	455.4	999.9	99.9	999.9	55.0	111
72.7	156.0	20726.7	50.0	-54.9	99.9	349.5	4.1	0.8	-4.1	514.1	999.9	99.9	999.9	56.7	111
85.4	164.7	25218.9	25.0	-50.2	99.9	999.9	99.9	99.9	99.9	640.8	999.9	99.9	999.9	56.0	112

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160 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	175.0	1001.3	21.1	7.0	345.0	2.8	0.7	-2.5	294.2	311.1	6.3	40.0	0.0	0
0.1	6.9	185.2	1000.0	20.8*	99.9	263.2	1.5	1.5	0.2	294.0	999.9	99.9	999.9	0.0	92
0.9	9.6	403.8	975.0	18.3	6.1	239.2	0.8	0.7	0.4	293.8	310.0	6.1	45.0	0.0	142
1.7	12.2	625.6	950.0	18.3	5.8	273.8	1.4	1.4	-0.1	293.8	310.2	6.1	49.6	0.1	111
2.7	14.9	851.7	925.0	14.2	5.7	254.3	2.3	2.2	0.6	293.8	310.6	6.2	56.4	0.2	91
3.8	17.6	1082.3	900.0	11.9	5.1	281.1	1.7	1.6	-0.3	293.8	310.2	6.1	63.0	0.3	85
4.8	20.2	1317.4	875.0	9.7	4.6	342.6	2.3	0.7	-2.2	293.9	310.3	6.1	70.2	0.4	95
5.8	22.9	1557.6	850.0	7.8	2.8	355.6	3.0	0.2	-3.0	294.3	309.3	5.5	70.5	0.4	117
6.6	25.7	1803.2	825.0	5.8	2.8	330.2	4.4	2.2	-3.8	294.8	310.3	5.7	81.0	0.5	129
7.4	28.4	2054.6	800.0	3.7	2.8	309.8	5.1	3.9	-3.3	295.1	310.8	5.8	92.7	0.8	132
8.3	31.2	2312.0	775.0	2.2	-0.3	295.7	5.8	5.2	-2.5	296.2	309.6	4.9	84.1	1.1	130
9.1	34.0	2577.6	750.0	2.4	-4.1	286.7	6.9	6.6	-2.0	299.2	309.8	3.8	62.1	1.4	125
10.2	36.9	2850.9	725.0	0.5	-5.0	288.9	8.7	8.3	-2.8	300.0	310.4	3.6	66.3	1.8	121
11.3	39.9	3132.0	700.0	-1.1	-5.3	286.4	9.7	9.3	-2.7	301.2	311.8	3.7	73.2	2.5	118
12.4	42.8	3422.2	675.0	-0.5	-22.4	276.4	7.2	7.2	-0.6	305.1	308.1	0.9	17.1	3.1	115
13.4	45.8	3723.2	650.0	-1.4	-23.8	272.9	6.2	6.2	-0.3	307.4	310.2	0.9	16.4	3.4	112
14.5	48.8	4035.1	625.0	-2.7	-24.7	279.9	6.4	6.3	-1.1	309.4	312.0	0.8	16.4	3.8	110
15.6	51.8	4357.3	600.0	-4.9	-26.0	293.2	8.2	7.5	-3.2	310.5	313.0	0.8	17.1	4.3	110
16.9	54.9	4690.1	575.0	-7.7	-28.1	300.8	10.4	8.9	-5.3	311.0	313.2	0.7	17.5	5.0	111
18.2	58.1	5033.7	550.0	-11.1	-30.3	306.2	11.1	9.0	-6.6	310.9	312.8	0.6	16.6	5.9	113
19.3	61.3	5389.2	525.0	-13.4	-32.4	308.5	10.7	8.4	-6.7	312.3	313.9	0.5	18.4	6.5	115
20.5	64.4	5758.8	500.0	-16.3	-35.1	302.0	12.0	10.2	-6.4	313.2	313.5	0.4	17.9	7.3	116
21.8	67.7	6142.8	475.0	-18.6	-37.2	288.6	12.2	11.8	-3.9	315.0	316.1	0.3	17.5	8.3	116
23.5	71.1	6543.8	450.0	-22.0	-39.9	291.5	11.5	10.7	-4.2	315.6	316.5	0.3	17.8	9.4	115
25.1	74.5	6961.8	425.0	-25.2	-42.4	299.3	12.8	11.2	-6.3	316.8	317.5	0.2	18.1	10.6	115
26.9	78.9	7299.1	400.0	-28.2	-44.9	303.5	12.1	10.1	-6.7	318.4	319.0	0.2	18.3	11.9	116
28.8	81.6	7658.8	375.0	-31.9	-47.9	302.0	15.0	12.7	-7.9	319.4	319.8	0.1	18.7	13.3	117
30.4	85.3	8343.9	350.0	-35.2	-50.4	297.0	16.1	14.4	-7.3	321.3	321.7	0.1	19.3	14.9	117
32.2	89.3	8855.2	325.0	-39.4	99.9	294.1	17.5	16.0	-7.2	322.3	999.9	99.9	999.9	16.6	117
34.3	93.3	9397.9	300.0	-44.2	99.9	292.8	17.2	15.9	-6.7	323.1	999.9	99.9	999.9	19.0	116
36.4	97.5	9970.1	275.0	-48.6	99.9	284.6	18.3	17.7	-4.6	324.8	999.9	99.9	999.9	21.2	116
38.8	102.0	10590.9	250.0	-52.9	99.9	280.5	21.6	21.2	-3.9	327.4	999.9	99.9	999.9	23.9	114
41.2	106.6	11260.6	225.0	-57.4	99.9	279.4	26.4	26.0	-4.3	330.6	999.9	99.9	999.9	27.2	112
43.8	111.5	12004.9	200.0	-62.0	99.9	282.8	27.4	26.7	-6.1	334.6	999.9	99.9	999.9	31.6	111
46.6	116.8	12827.4	175.0	-63.1	99.9	283.3	23.8	23.1	-5.5	345.8	999.9	99.9	999.9	35.8	110
49.9	122.5	13786.4	150.0	-59.1	99.9	285.6	20.2	19.5	-5.4	368.3	999.9	99.9	999.9	40.3	109
53.8	128.7	14829.5	125.0	-59.4	99.9	283.9	18.3	17.8	-4.4	387.4	999.9	99.9	999.9	44.6	109
58.5	135.5	16320.4	100.0	-58.3	99.9	286.4	12.9	11.4	-6.1	415.1	999.9	99.9	999.9	49.3	109
64.3	143.0	18147.2	75.0	-57.7	99.9	301.6	7.0	6.0	-3.7	451.9	999.9	99.9	999.9	52.5	109
72.3	151.2	20730.2	50.0	-54.7	99.9	344.2	4.0	1.1	-3.8	514.7	999.9	99.9	999.9	54.2	110
85.3	160.0	25192.4	25.0	-50.8	99.9	312.4	4.2	3.1	-2.8	638.3	999.9	99.9	999.9	54.3	112

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS

1 MAY 1982
2300 GMT

157 9 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	175.0	1000.1	22.0	10.2	340.0	2.6	0.9	-2.4	295.2	316.1	7.8	47.0	0.0	0
0.0	7.1	175.9	1000.0	22.0	10.1	339.8	2.6	0.9	-2.4	295.1	316.1	7.8	46.9	0.	1
0.9	9.5	394.7	975.0	19.8	6.5	319.4	2.3	1.5	-1.7	294.9	311.8	6.3	42.6	0.2	141
1.7	11.8	617.5	950.0	17.5	5.9	315.5	2.3	1.6	-1.6	294.9	311.5	6.1	46.4	0.3	140
2.6	14.3	844.4	925.0	15.4	5.8	310.7	1.8	1.3	-1.2	295.1	311.9	6.2	52.2	0.4	138
3.4	16.7	1075.8	900.0	12.8	4.9	323.5	1.4	0.8	-1.1	294.7	311.0	6.0	58.6	0.4	137
4.3	19.2	1311.8	875.0	10.6	4.6	353.4	1.7	0.2	-1.7	294.8	311.3	6.1	66.4	0.5	140
5.1	21.7	1552.8	850.0	8.4	3.6	3.6	2.3	-0.1	-2.3	294.9	310.8	5.9	71.9	0.6	147
5.9	24.3	1798.7	825.0	6.3	1.5	359.9	2.7	0.0	-2.7	295.3	309.5	5.2	71.4	0.7	152
6.8	26.8	2050.4	800.0	4.3	0.8	343.6	3.8	1.1	-3.6	295.7	309.7	5.1	78.1	0.8	157
7.6	29.4	2308.3	775.0	2.3	-1.1	307.5	5.3	4.2	-3.2	296.3	308.9	4.6	78.0	1.0	155
8.6	31.9	2573.1	750.0	1.8	-2.2	283.0	8.0	7.8	-1.8	298.6	310.8	4.4	74.7	1.4	142
9.5	34.5	2846.1	725.0	0.1	-4.4	284.2	8.8	8.5	-2.2	299.6	310.4	3.8	71.6	1.8	132
10.4	37.1	3126.5	700.0	-1.3	-15.0	294.6	6.3	7.5	-3.5	301.0	305.1	1.3	27.0	2.2	127
11.5	39.9	3416.8	675.0	-1.2	-22.4	298.6	7.7	6.7	-3.7	304.4	307.3	0.5	18.0	2.7	125
12.5	42.6	3717.3	650.0	-2.0	-23.5	291.4	8.2	7.6	-3.0	306.7	309.5	0.9	17.4	3.2	124
13.5	45.3	4028.1	625.0	-3.7	-24.9	283.4	8.5	8.3	-2.0	308.2	310.8	0.8	17.4	3.7	121
14.6	48.1	4349.5	600.0	-5.2	-26.0	292.6	9.1	8.4	-3.5	310.1	312.6	0.8	17.5	4.2	119
15.6	50.9	4682.0	575.0	-7.9	-27.4	302.8	10.5	8.8	-5.7	310.7	313.0	0.7	19.2	4.9	119
16.9	53.9	5025.5	550.0	-11.1	-29.1	308.3	11.4	9.0	-7.1	310.9	313.0	0.6	20.9	5.7	120
18.1	56.8	5380.7	525.0	-14.3	-30.6	311.4	11.6	8.7	-7.7	311.2	313.1	0.6	23.5	6.5	121
19.3	59.9	5748.6	500.0	-17.2	-33.9	313.1	11.6	8.5	-7.9	312.0	313.5	0.4	21.9	7.3	123
20.6	62.9	6131.2	475.0	-20.0	-36.4	307.8	11.1	8.6	-6.8	313.3	314.5	0.4	21.4	8.1	124
21.8	66.0	6530.4	450.0	-22.0	-39.2	302.4	10.8	9.1	-5.8	315.7	316.6	0.3	19.0	9.0	124
23.1	69.3	6948.8	425.0	-24.9	-41.5	302.9	11.4	9.5	-6.2	317.1	317.9	0.2	19.5	9.8	124
24.4	72.5	7388.7	400.0	-28.4	-44.4	303.9	11.7	9.7	-6.5	318.1	318.7	0.2	19.7	10.7	124
25.3	76.0	7845.6	375.0	-32.0	-47.4	302.0	12.7	10.7	-6.7	319.2	319.7	0.1	19.8	11.8	124
27.5	79.6	8329.0	350.0	-36.0	-50.3	294.4	14.8	13.4	-6.1	320.2	320.6	0.1	21.0	13.1	123
29.2	83.1	8839.3	325.0	-40.1	99.9	289.4	15.4	14.6	-5.1	321.5	999.9	99.9	999.9	14.6	122
31.0	87.0	9380.2	300.0	-44.6	99.9	287.8	15.7	15.0	-4.8	322.5	999.9	99.9	999.9	16.2	120
32.9	90.9	9957.8	275.0	-49.9	99.9	285.6	17.8	17.2	-4.8	324.4	999.9	99.9	999.9	18.1	119
35.0	95.0	10576.4	250.0	-54.0	99.9	284.0	20.4	19.8	-5.0	325.8	999.9	99.9	999.9	20.4	117
37.4	99.5	11245.7	225.0	-59.1	99.9	279.9	23.1	22.7	-4.0	328.0	999.9	99.9	999.9	23.4	115
40.0	104.0	11976.6	200.0	-61.1	99.9	288.7	23.5	22.5	-6.7	336.1	999.9	99.9	999.9	27.1	113
42.9	109.2	12808.2	175.0	-60.6	99.9	287.1	21.3	20.4	-6.3	349.9	999.9	99.9	999.9	31.0	113
46.4	114.7	13767.2	150.0	-60.0	99.9	288.5	19.4	18.3	-6.5	366.8	999.9	99.9	999.9	35.3	112
50.6	120.7	14907.5	125.0	-60.0	99.9	296.6	19.5	17.5	-8.7	386.4	999.9	99.9	999.9	40.4	112
55.8	127.7	16308.1	100.0	-58.1	99.9	297.6	12.1	10.8	-5.6	415.4	999.9	99.9	999.9	45.1	113
62.2	135.5	18120.3	75.0	-58.5	99.9	298.9	7.1	6.2	-3.4	450.4	999.9	99.9	999.9	48.6	113
71.4	145.0	20689.8	50.0	-55.5	99.9	3.7	4.4	-0.3	-4.4	512.7	999.9	99.9	999.9	51.1	114
84.9	155.7	25153.7	25.0	-50.7	99.9	8.5	4.4	-0.7	-4.4	639.3	999.9	99.9	999.9	50.7	118

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 433
SALEM, ILLINOIS

2 MAY 1982
215 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 T DG K	E POT T DG	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	175.0	1000.3	20.5	99.9	999.9	99.9	99.9	99.9	293.8	999.9	99.9	999.9	[illegible]	0
0.0	0.0	177.0	1000.0	2[illegible].5	99.9	999.9	99.9	99.9	99.9	293.6	999.9	99.9	999.9	[illegible]	999
0.8	9.2	305.2	975.0	18.7	6.9	999.9	99.9	99.9	99.9	294.0	311.3	6.4	48.1	[illegible]	102
1.4	11.8	617.4	950.0	18.7	6.0	320.0	3.0	1.9	-2.3	294.2	310.9	6.2	49.2	[illegible]	112
2.2	14.4	843.9	925.0	14.9	4.9	348.6	3.0	0.7	-3.0	294.5	310.5	5.9	51.4	[illegible]	128
2.9	17.0	1074.7	900.0	12.2	4.9	2[illegible]	3.3	-0.2	-3.3	294.1	309.5	5.7	57.1	0.4	141
3.6	19.6	1310.3	875.0	10.4	1.7	6.2	4.4	-0.6	-4.4	294.5	308.2	5.0	55.1	0.6	152
4.4	22.2	1550.6	850.0	8.2	-0.1	7.8	5.4	-0.7	-5.4	294.8	307.1	4.5	55.6	0.8	162
5.2	24.9	1796.5	825.0	6.1	-3.9	7.9	5.9	-0.8	-5.9	295.1	307.1	4.3	60.4	1.0	169
5.9	27.6	2047.7	800.0	3.7	-1.6	13.7	5.2	-1.2	-5.0	295.1	306.9	4.3	68.1	1.3	173
6.7	30.2	2304.7	775.0	1.5	-2.5	344.2	3.8	1.0	-3.5	295.4	306.8	4.1	74.7	1.5	176
7.5	33.0	2568.2	750.0	-0.2	-3.4	288.2	5.0	4.8	-1.6	296.4	307.5	4.0	79.0	1.6	171
8.2	35.8	2839.4	725.0	-1.1	-7.1	280.0	6.1	6.0	-1.1	298.2	307.1	3.1	64.0	1.7	162
9.1	38.6	3118.6	700.0	-0.7	-22.2	287.7	8.0	5.8	-1.8	301.8	304.6	0.9	17.6	1.9	154
10.0	41.3	3409.3	675.0	-2.1	-23.1	296.6	8.7	8.0	-3.0	303.3	306.1	0.9	18.1	2.1	148
11.1	44.2	3709.2	650.0	-1.8	-23.3	301.5	8.3	7.1	-4.3	306.9	309.8	0.9	17.4	2.5	143
12.1	47.1	4020.2	625.0	-3.5	-24.7	301.4	9.0	7.7	-4.7	308.4	311.1	0.8	17.5	3.1	139
13.2	50.1	4341.4	600.0	-6.1	-26.0	303.5	10.0	8.4	-5.5	309.0	311.5	0.8	18.8	3.7	136
14.4	53.1	4673.1	575.0	-8.3	-28.7	303.2	11.2	9.4	-6.1	310.3	312.7	0.7	20.9	4.4	134
15.5	56.2	5015.9	550.0	-11.8	-26.7	304.0	11.7	9.7	-6.5	310.1	312.3	0.6	22.9	5.1	133
16.6	59.3	5370.5	525.0	-14.5	-31.0	305.4	12.4	10.1	-7.2	311.0	312.8	0.5	23.0	5.9	132
17.8	62.5	5737.9	500.0	-17.6	-34.1	306.0	13.2	10.4	-8.1	311.8	313.0	0.4	21.9	6.9	131
19.3	65.8	6120.0	475.0	-20.1	-36.7	309.0	12.7	9.9	-8.0	313.1	314.3	0.3	20.9	8.0	131
20.8	69.1	6518.8	450.0	-22.8	-39.8	304.2	11.0	9.1	-6.2	314.8	315.5	0.3	19.8	9.1	130
22.4	72.6	6935.9	425.0	-25.2	-42.1	291.0	9.4	8.8	-3.4	316.7	317.5	0.2	18.6	10.0	129
24.1	76.1	7372.6	400.0	-28.8	-45.2	300.5	9.1	7.9	-4.6	317.6	318.2	0.2	18.8	10.9	128
25.8	79.7	7831.1	375.0	-32.8	-47.8	300.5	9.9	8.5	-5.0	318.2	318.7	0.1	20.4	11.8	127
27.6	83.5	8312.7	350.0	-36.6	-50.1	295.7	13.2	11.9	-5.7	319.2	319.6	0.1	23.2	13.0	126
29.4	87.3	8821.6	325	-40.8	99.9	292.9	15.0	13.8	-5.8	320.4	999.9	99.9	999.9	14.8	125
31.6	91.5	9361.0	300.0	-45.4	99.9	290.7	16.3	15.3	-5.6	321.4	999.9	99.9	999.9	16.5	124
33.9	95.9	9935.8	275.0	-49.8	99.9	288.5	18.8	17.9	-5.3	323.2	999.9	99.9	999.9	18.9	121
36.2	100.2	10553.0	250.0	-54.5	99.9	289.5	19.8	18.7	-6.6	325.0	999.9	99.9	999.9	21.5	120
38.9	105.0	11219.7	225.0	-59.3	99.9	288.7	22.1	21.2	-6.3	327.7	999.9	99.9	999.9	24.9	118
41.8	110.0	11953.9	200.0	-60.1	99.9	289.2	24.5	24.[illegible]	-4.3	337.5	999.9	99.9	999.9	28.8	116
45.1	115.8	12784.4	175.0	-61.8	99.9	283.2	23.3	22.7	-5.3	348.2	999.9	99.9	999.9	3[illegible].5	114
48.6	121.6	13739.6	150.0	-60.7	99.9	280.9	21.5	20.1	-7.7	365.5	999.9	99.9	999.9	37.9	113
53.9	128.2	14875.9	125.0	-69.3	99.9	301.4	17.4	14.9	-0.1	385.8	999.9	99.9	999.9	43.3	114
58.1	136.0	16205.4	100.0	-60.1	99.9	293.7	13.[illegible]	12.4	-5.4	411.5	999.9	99.9	999.9	47.6	114
63.8	145.0	18064.0	75.0	-60.7	99.9	310.7	8.7	8.6	-5.7	445.7	999.9	99.9	999.[illegible]	51.8	114
73.0	155.0	20623.7	50.0	-57.1	99.9	354.3	4.8	0.5	-4.8	509.0	999.9	99.9	999.9	54.4	115
95.0	166.0	25039.7	25.0	-53.8	99.9	14.1	5.3	-1.3	-5.1	625.9	999.9	99.9	999.9	54.4	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 433
SALEM, ILLINOIS

2 MAY 1982
515 GMT

160 5 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW T DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	175.0	1000.6	19.4	99.9	999 9	99.9	99.9	99 9	292 5	999 9	99 9	999 9	0 0	0.
0.0	6.8	180.2	1000 0	19.4	99.9	999.9	99 9	99.9	99.9	292 6	999.9	99.9	999.9	999 9	999.
0.8	9.3	397.7	975.0	18.5	6 7	999 9	99.9	99.9	99.9	293 7	310.8	6 4	46.3	0 1	114.
1.6	11.9	619.7	950.0	16.6	5 6	311.7	3.6	2.7	-2 4	294.0	310 3	6 0	48 0	0.3	124
2.3	14.6	846.2	925.0	14.7	4.9	320 4	2 4	1 6	-1 9	294 3	310 3	5 9	52.0	0 4	126.
3.1	17.2	1077.3	900.0	13.0	3 9	7.3	1 9	-0.2	-1 9	294 9	310.2	5 6	54 0	0 5	131
3.9	19.8	1313.2	875.0	10 8	1.9	26 9	3 0	-1 4	-2.7	295 0	308 8	5 0	54.1	0 6	143
4.8	22.5	1554.0	850.0	8.6	0 1	23 1	4 0	-1.6	-3 7	295.1	307.6	4 5	55 0	0 7	158.
5.8	25.2	1800.1	825.0	6.3	-1 5	30.6	4.7	-2.4	-4 0	295 3	306 8	4 2	57 2	0 9	170.
6.6	27.9	2051.5	800.0	4.0	-2.5	32 0	5 5	-2 9	-4 6	295 5	306 5	4 0	62.4	1 1	179.
7.5	30.7	2308.8	775.0	1.5	-3 0	29.1	4 3	-2.1	-3 7	295 4	306 4	4 0	71.8	1 3	186.
8.4	33.4	2572.0	750.0	-0.7	-7 6	346.0	2.9	0.7	-2 8	295 8	304 0	2 9	59 3	1 5	188.
9.3	36.3	2842.3	725.0	-2.2	-9.9	295.2	4 2	3 8	-1 8	297 1	304 3	2 5	55 6	1 6	183
10.3	39.1	3121.6	700.0	-0 5	-23 7	292 0	5 6	5 2	-2 1	301 9	304 4	0 8	15 3	1 7	172
11 3	42.1	3411.5	675.0	-1 4	-24.5	304.7	6.9	5 7	-3 9	304 0	306 5	0 8	15 3	1 9	163
12.4	45.0	3711.6	650.0	-2 7	-25.7	309 0	8 4	6 5	-5 3	305 9	308 3	0 7	15 0	2 3	157
13.4	47 9	4022.1	625.0	-3 7	-26 0	300 1	8.8	7 6	-4.4	308 2	310.6	0 7	15 6	2 8	151
14.6	51.0	4342.9	600.0	-6.2	-26 7	301 8	9 7	8 2	-5 1	309 0	311 3	0 7	17 8	3 4	145
15.8	54.0	4674.3	575.0	-8 9	-28.9	301.8	11.4	9 7	-6 0	309 3	311.6	0 6	17 9	4 1	141
17.0	57.1	5017.0	550.0	-11.7	-31 4	302.9	10.9	9 1	-5 9	310 2	311 9	0 5	17 7	4 9	138
18.3	60.3	5371.5	525.0	-14 3	-33 1	309.6	10 1	7 8	-6 5	311 2	312 7	0 4	18 5	5 7	136
19.6	63.4	5739.3	500.0	-17.5	-30.2	318.5	10.3	6 8	-7 7	311 7	313 8	0.6	31 7	6 4	136
20.9	66.8	6121.2	475.0	-20.6	-38.3	318.1	10 6	7 1	-7 9	312 5	313 5	0 3	18 6	7 3	136
22.3	70.1	6519.5	450.0	-22.8	-40.8	317 9	9.9	6 7	-7 4	314 6	315 4	0 2	17 4	8 1	136
23.6	73.6	6936.3	425.0	-25 8	-43.7	310.3	10 1	7 7	-6 6	316.0	316 6	0 2	16 7	8 9	136
25.2	77.1	7372.4	400 0	-29.5	-46.6	301.2	10.8	9.2	-5 6	316.7	317 2	0 1	17 0	9 9	135
26.8	80.8	7829.5	375.0	-33.3	-49 6	295 0	11.7	10.6	-4 9	317 5	317 9	0 1	17 6	10.9	133.
28 6	84.5	8310.2	350.0	-37.4	-52.4	301 0	14.2	12.2	-7 3	318.3	318 6	0 1	19.0	12 2	132
30.8	88.4	8818.0	325.0	-41 4	99.9	300.4	16 7	14.4	-8.5	319 6	999 9	99.9	999.9	14.2	130
33.0	92.5	9356.0	300 0	-45.7	99.9	295 5	18 7	16.9	-8 0	321 0	999 9	99 9	999 9	16 6	129
35.2	96.7	9929 9	275.0	-50 2	99.9	293.3	20.9	19.2	-8 3	322 5	999 9	99 9	999 9	19 1	126
37.6	101.0	10545.3	250.0	-55 1	99.9	296 8	23.6	21 1	-10 6	324 2	999 9	99 9	999 9	22 2	125
40 4	105.7	11211.5	225.0	-59.6	99.9	288.0	24.8	23.6	-7 7	327.1	999 9	99.9	999.9	26 3	123
43.4	110.6	11942.5	200.0	-61.5	99 9	282.5	24 9	24 4	-5 4	335 4	999 9	99 9	999 9	30 4	120
46.6	115.8	12769.4	175.0	-62.5	99.9	285.5	21.5	20 7	-5 7	346 7	999.9	99 9	999 9	34.8	118
50.3	121.5	13728.4	150.0	-60 9	99.9	297.1	21.6	19 2	-9 8	365 2	999 9	99 9	999 9	39 6	117.
54.6	127.5	14865.9	125.0	-59 6	99.9	297.4	15.4	13.7	-7 1	387.0	999 9	99 9	999 9	44 5	118
60.0	134.3	16253 1	100.0	-60.6	99.9	295.6	13.8	12.4	-5 9	410 6	999 9	99 9	999 9	48 9	117.
66 6	141.7	18047.6	75.0	-60.0	99.9	305 7	8 6	7 0	-5 0	447 1	999.9	99.9	999 9	53 5	117
75.7	150.0	20603.9	50.0	-57.6	99.9	358 8	3 1	0 1	-3 1	507.8	999 9	99 9	999 9	55 9	118
88 7	158.3	25019.9	25.0	-53.8	99.9	35 7	3 9	-2 3	-3 2	630 4	999 9	99 9	999 9	55 1	121

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

STATION NO. 433
SALEM, ILLINOIS

2 MAY 1982
1100 GMT

160 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTIO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	175.0	1001.2	9.9	8.5	270.0	1.6	1.6	0.0	263.0	300.7	7.0	91.0	0.0	0
0.0	7.1	185.1	1000.0	10.6	8.4	276.9	2.1	2.0	-0.2	293.8	301.5	6.9	87.0	0.0	23
0.8	9.7	400.1	975.0	17.9	4.9	293.3	4.7	3.1	-3.5	293.2	308.2	5.6	42.3	0.2	163
1.6	12.3	622.0	950.0	16.9	3.1	296.7	3.8	3.4	-1.7	294.4	308.1	5.0	39.5	0.4	147
2.5	15.0	848.4	925.0	15.2	2.3	302.1	3.6	3.1	-1.9	294.8	308.3	4.9	41.9	0.5	132
3.3	17.7	1079.4	900.0	12.7	1.2	318.8	3.9	2.6	-3.0	294.6	307.4	4.6	45.3	0.7	134
4.1	20.3	1315.0	875.0	10.3	-0.3	324.4	4.0	2.3	-3.2	294.5	306.3	4.3	47.6	0.9	135
4.9	23.0	1555.2	850.0	8.1	-1.4	335.3	4.1	1.7	-3.7	294.6	305.9	4.1	51.4	1.1	138
5.8	25.8	1800.7	825.0	5.8	-2.3	333.2	4.9	2.2	-4.3	294.7	305.6	3.9	56.0	1.3	141
6.8	28.6	2051.6	800.0	3.3	-3.3	336.4	5.1	1.9	-4.7	294.7	305.1	3.8	61.9	1.6	144
7.7	31.3	2308.1	775.0	0.9	-3.7	341.6	5.0	1.6	-4.7	294.7	305.2	3.8	71.7	1.9	146
8.8	34.1	2570.7	750.0	-1.5	-3.4	341.4	4.9	1.6	-4.6	294.9	306.0	4.0	87.3	2.2	148
9.6	36.9	2840.0	725.0	-3.7	-4.9	344.4	3.6	1.0	-3.4	295.5	305.7	3.7	90.8	2.4	150
10.6	39.8	3116.7	700.0	-4.0	-14.2	319.4	4.3	2.8	-3.3	298.1	303.7	1.9	47.6	2.6	150
11.6	42.7	3404.7	675.0	-3.0	-22.3	300.3	6.8	5.9	-3.5	302.3	305.2	0.9	20.9	2.9	148
12.7	45.6	3702.9	650.0	-3.9	-22.8	297.2	9.0	8.0	-4.1	304.5	307.5	0.9	21.4	3.4	143
13.8	48.6	4011.2	625.0	-5.5	-22.4	304.2	12.0	9.9	-6.8	306.2	309.4	1.0	25.0	4.0	139
15.1	51.6	4330.5	600.0	-7.4	-23.2	309.7	15.8	12.2	-10.1	307.5	310.7	1.0	26.9	5.1	137
16.4	54.8	4661.4	575.0	-8.6	-26.8	310.0	15.3	11.7	-9.8	309.9	312.3	0.7	21.3	6.3	135
17.6	57.9	5004.3	550.0	-11.4	-28.4	307.9	13.7	10.8	-8.4	310.6	312.7	0.7	22.8	7.4	135
18.9	61.0	5358.9	525.0	-14.4	-30.4	304.1	14.1	11.6	-7.9	311.2	313.1	0.6	24.1	8.4	133
20.1	64.3	5727.1	500.0	-17.1	-31.5	304.2	14.0	11.6	-7.9	312.3	314.1	0.5	27.2	9.4	132
21.5	67.6	6109.4	475.0	-20.5	-32.4	307.0	13.0	10.4	-7.8	312.6	314.4	0.5	33.3	1[illegible].6	132
23.0	71.0	6506.8	450.0	-23.7	-33.7	310.7	13.0	9.9	-8.5	313.4	315.1	0.5	38.9	11.7	131
24.7	74.6	6921.6	425.0	-27.3	-36.6	310.2	14.5	11.1	-9.4	314.0	315.3	0.4	40.7	13.0	131
26.3	78.1	7355.3	400.0	-30.4	-39.5	312.8	16.7	12.3	-11.3	315.5	316.6	0.3	40.0	14.5	131
28.1	81.8	7811.4	375.0	-33.5	-43.1	307.3	18.2	4.5	-11.0	317.2	318.0	0.2	37.2	16.5	131
29.9	85.7	8291.2	350.0	-38.0	-45.7	305.8	19.0	15.4	-11.1	317.5	318.1	0.2	43.9	18.5	130
31.8	89.6	8797.1	325.0	-42.0	99.9	313.7	21.4	15.4	-14.8	318.7	999.9	99.9	999.9	20.7	130
33.7	93.7	9334.5	300.0	-46.0	99.9	321.4	23.6	14.7	-18.4	320.5	999.9	99.9	999.9	23.4	131
35.9	98.0	9906.8	275.0	-51.1	99.9	324.8	23.2	13.3	-18.9	321.2	999.9	99.9	999.9	26.3	133
38.4	102.5	10519.5	250.0	-56.4	99.9	322.2	23.4	14.3	-18.5	322.2	999.9	99.9	999.9	29.6	134
40.7	107.0	11182.4	225.0	-60.3	99.9	321.0	25.6	16.1	-19.9	326.2	999.9	99.9	999.9	33.2	135
43.1	112.0	11915.2	200.0	-61.7	99.9	310.4	21.6	16.5	-14.0	335.0	999.9	99.9	999.9	36.5	135
46.5	117.4	12750.5	175.0	-58.0	99.9	309.6	20.7	15.9	-13.2	354.2	999.9	99.9	999.9	40.6	134
50.0	123.0	13721.4	150.0	-58.3	99.9	307.8	18.1	14.3	-11.1	369.7	999.9	99.9	999.9	44.8	134
54.2	129.2	14870.7	125.0	-58.2	99.9	303.0	16.2	13.6	-8.8	389.7	999.9	99.9	999.9	49.0	133
59.1	136.0	16272.4	100.0	-58.8	99.9	307.1	14.2	11.3	-8.6	414.1	999.9	99.9	999.9	53.6	132
65.4	143.7	18084.5	75.0	-56.8	99.9	313.2	9.1	6.6	-6.2	454.0	999.9	99.9	999.9	57.3	132
73.7	152.0	20659.5	50.0	-54.3	99.9	357.1	4.3	0.2	-4.3	515.0	999.9	99.9	999.9	60.5	133
86.9	161.0	25114.4	25.0	-53.0	99.9	90.6	4.3	-4.3	0.0	632.4	999.9	99.9	999.9	60.3	135

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS

1 MAY 1982
1115 GMT

160 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.9	791.0	932.1	11.1	7 2	180 0	2.6	0.0	2.6	290.0	308 1	6.9	77 0	0 0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99 9	99.9	99.9	99.9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	99.9	975.0	99 9	99 9	99 9	99.9	99 9	99.9	99.9	999 9	99.9	999 9	999 9	999
99.9	99.9	99.9	950.0	99.9	99 9	99 9	99.9	99.9	99.9	99.9	999 9	99.9	999.9	999 9	999
0 3	15.7	855.0	925.0	11.0	8 7	218.8	1.8	1.2	1 4	290.8	310 7	7 7	85.8	0 1	23
1.1	18.4	1083.6	900.0	9.7	7 9	196.7	2.1	0.6	2.0	291.6	311 2	7 5	88 1	0 2	25
1.9	21.2	1317.2	875.0	7.6	6 2	205 0	2.8	1 2	2.6	291.6	309 8	6.8	91 3	0.3	19
2.9	24.0	1555.8	850.0	5.9	4.5	214.2	4.2	2.3	3.4	292.3	309 0	6 3	91.1	0.5	26
3.5	26.8	1799.8	825.0	3.7	3 4	219 8	3.9	2.5	3 0	292.5	308 4	5.9	97 6	0.6	28
4.3	29.5	2049.5	800.0	2.2	-0 1	246 9	3.4	3.2	1 3	293.5	306 7	4 8	85.3	0 8	32
5.1	32.3	2305.7	775.0	2.3	-22.0	278 6	3.0	3.0	-0.5	296 3	298 9	0 8	14.5	0.9	41
6.3	35.2	2572.3	750.0	5.3	-20 5	277.2	2.9	2.9	-0.4	302 3	305 4	1 0	13 4	1 0	52
7.3	38.1	2848.4	725.0	4.5	-20.4	240 7	1.3	1.1	0 6	304.4	307 7	1 1	14.7	1 1	55
8.4	41.0	3133.1	700.0	3.0	-21.2	172.2	1.9	-0.3	1.9	305.8	309 0	1 0	14.8	1 2	53
9.6	44.0	3427.1	675.0	1.7	-19.1	112.3	2.0	-1.8	0.7	307.5	311 4	1 2	19.6	1.2	47
10.8	47.0	3729.6	650.0	-0.9	-11.7	193.3	2.4	0.6	2.3	307 9	315.2	2.4	43 8	1.1	42
11.9	50.1	4041.4	625.0	-2.8	-20.5	244 2	5.5	5.0	2.4	309.3	313.1	1 2	24 3	1.4	44
13.2	53.2	4363.0	600.0	-5.9	-13.3	250.8	7.3	6.9	2 4	309.2	316 2	2.3	56.0	1.9	51
14.4	56.4	4694.6	575.0	-8.5	-20.8	269.8	6.6	6.6	0 0	310.1	315.0	1.6	45 5	2 4	56
15.8	59.6	5039.7	550.0	-8.5	-33.2	298.9	6.2	5.4	-3.0	314.0	315.5	0 4	11 4	2 7	64
17 1	62.9	5398.9	525.0	-10.9	-33.8	295.2	8.3	7.5	-3 5	315 4	316 8	0 4	13 0	3 0	72
18.5	66.1	5772.0	500.0	-13.7	-35.9	289.5	9.6	9.0	-3.2	316.3	317 5	0 4	13 3	3 7	80
19.8	69.6	6160.1	475.0	-16.1	-38.3	280.5	10.4	10.2	-1.9	318.1	319 1	0.3	12 6	4 4	85
21.4	73.1	6564.9	450.0	-19.6	-40.0	281.8	9.6	9 4	-2.0	318 6	319 6	0.3	14.2	5 4	87
22.9	76.6	6986.5	425.0	-23.2	-38.9	294 7	10 0	9.1	-4.2	319 3	320 4	0.3	22 3	6.2	90
24.6	80.3	7426.6	400.0	-27.3	-37.5	303 3	11.1	9.3	-6.1	319 5	320.8	0 4	36 8	7 1	94
26.2	84.1	7887.5	375.0	-31.5	-40.4	297 0	14.4	12 8	-6.5	319 9	321 0	0 3	40 9	8 2	98
28.0	88.0	8373.6	350.0	-34.3	-52 2	296.6	18 1	16.1	-8 1	322 5	322 8	0 1	14 2	9.9	101
29.9	92.0	8887.5	325.0	-38 7	-56 1	294.9	15 9	14.5	-6 7	323.3	323 6	0 1	13.8	11 9	104
32.0	96.0	9432.2	300.0	-42.7	99.9	286 1	14 2	13.6	-3.9	325.2	999 9	99.9	999.9	13 7	105
34.1	100.5	10013.5	275.0	-47.6	99.9	279 6	13 7	13.5	-2.3	326 3	999 9	99.9	999 9	15.5	104
36.5	105.0	10638.3	250.0	-52.5	99 9	271.0	14 6	14.6	-0.3	328.1	999 9	99.9	999 9	17.4	104
38.8	109.7	11310.9	225.0	-57.0	99.9	259 9	16.2	15.9	2.8	331.1	999 9	99 9	999.9	19 5	101
41.4	114.6	12046.8	200.0	-62.2	99.9	267 4	18.0	18 0	0 8	334 2	999 9	99 9	999.9	22 0	99
44.5	120.0	12865.3	175.0	-63.9	99 9	283.7	17 1	16 7	-4 0	344 4	999.9	99 9	999 9	25.3	98
48.0	125.8	13814.9	150.0	-61 0	99.9	291 7	15.8	14.7	-5 8	364 9	999 9	99 9	999.9	28.6	100
51.9	132.2	14945.4	125.0	-60.8	99.9	294.9	15 3	13 9	-6.4	384.9	999 9	99.9	999.9	32 1	101
56.6	139.3	16332.1	100.0	-60.1	99.9	285.6	12.1	11 7	-3.3	411 7	999 9	99 9	999.9	35.9	102
62.5	147.3	18119.3	75.0	-60.6	99.9	306.6	6.9	7.2	-5.4	445.9	999 9	99 9	999 9	39.9	103
70.1	156.7	20674.2	50.0	-56.9	99 9	346 1	5.6	1.3	-5.5	509.5	999 9	99 9	999 9	42 2	105
82.0	167 3	25113.8	25.0	-52.2	99.9	999 9	99.9	99 9	99.9	634 9	999 9	99.9	999 9	40 7	108

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1415 GMT

152 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12 7	791.0	933.0	12.2	8 3	180 0	4.1	0.0	4.1	291 1	310 5	7 4	77 0	0 0	0
99.9	99 9	99.9	1000.0	99.9	99 9	99 9	99.9	99.9	99 9	99 9	999.9	99.9	999 9	999 9	999
99.9	99.9	99.9	975.0	99.9	99.9	99 9	99.9	99.9	99.9	99.9	999 9	99.9	999.9	999 9	999
99.9	99.9	99.9	950.0	99 9	99 9	99 9	99.9	99.9	99.9	99 9	999.9	99 9	999 9	999 9	999
0.2	13.4	863.1	925.0	10.5	8 1	180.3	5.2	0.0	5 2	290.0	309 3	7 4	85 5	0 2	344
0.9	15.5	1091 0	900.0	8.9	7 4	180 9	5.2	0.1	5.2	290 7	309 8	7 2	90 5	0 3	350
1.8	17.8	1324.0	875.0	7.2	5 6	190.1	4.0	0.7	3 9	291.3	308 6	6 5	89 6	0 5	356
2.6	20.1	1562.1	850.0	5.6	3 8	199 9	3.7	1.2	3.5	292.0	307 8	5.9	88 1	0 7	2
3.5	22.5	1805.8	825.0	3.4	2.7	202 5	3 8	1.4	3.5	292.2	307.5	5 7	95 2	0 9	5
4 3	24.9	2055.1	800.0	2.1	-2 5	230 5	3 3	2.5	2.1	293 4	304 5	4 0	71.6	1 1	9
5.2	27 3	2312.5	775.0	4.5	-15.2	252 0	3.4	3.3	1.1	298 7	303 7	1 7	25.1	1 1	16
6 0	29.7	2579.7	750.0	4.7	-6 4	235 2	3 8	3.1	2.2	301.7	310 9	3.2	44 3	1 3	23
7.0	32.2	2855.9	725.0	4.2	-9 7	229 7	3.9	3.0	2.5	304.1	311.5	2 5	35.5	1 5	26
7.8	34.8	3140.6	700.0	2.9	-20.2	208.0	2.5	1.2	2 2	305.7	309 2	1.1	16.7	1 6	29
8.9	37.4	3434.5	675.0	1.8	-19.7	143.4	2.5	-1.5	2.0	307.7	311 4	1.2	16.5	1 7	27
10 0	40.1	3737.0	650.0	-1.0	-13.7	170.0	2.5	-0.4	2.4	307 8	314 2	2.1	38.0	1 8	21
11.3	42.9	4049.0	625.0	-2.9	-13.8	250.8	4.0	3.8	1.3	309.1	315.6	2 1	42.8	2 0	23
12.4	45.8	4371.0	600.0	-5.8	-13.3	279.6	6.2	6.1	-1.0	309.4	316 4	2.3	55 4	2 1	32
13.6	48.7	4703.3	575.0	-7.3	-26.4	296.9	6.5	5.8	-2.9	311.4	314.9	1 1	30.2	2 3	44
14.7	51.6	5049.2	550.0	-8.2	-33.3	298.5	7.3	6.4	-3.5	314 3	315 8	0 4	11.1	2 4	54
16.0	54.8	5408.5	525.0	-10.9	-33.5	296.8	8.5	7.6	-3.6	315 3	316 7	0 4	13 5	2 8	66
17.3	57.9	5781.3	500.0	-13.8	-35 8	294.2	9.1	8.3	-3.7	316 2	317 5	0 4	13 8	3.2	75
18.8	61.1	6168.0	475.0	-17.4	-36.5	288 2	10.3	9.8	-3.2	316.4	317 6	0.3	17 0	4.0	82
20.1	64.6	6571.9	450.0	-19.8	-36.8	286.3	9.7	9.3	-2 7	318.4	319 6	0 4	20.2	4.7	87
21.7	68.2	6993.1	425.0	-23.3	-38.5	298.3	10.1	8.9	-4.8	319.2	320.3	0.3	23.0	5.5	90
23.2	71.9	7433.5	400.0	-27 2	-37.1	301.7	14.1	12.0	-7.4	319.7	321.1	0 4	38 1	6.5	95
24.8	75.8	7895.0	375.0	-30.9	-37 1	293 1	16 9	15.5	-6 6	320.8	322 2	0 4	53 7	7 9	100
26.5	79.8	8380.8	350.0	-35.1	-43.0	292 3	16.2	15.0	-6.2	321 5	322 4	0.2	43.9	9 6	101
28.4	84.2	8893.9	325.0	-38 6	-55.2	294 7	13.2	12.0	-5.5	323.5	323 7	0.1	15.3	11.2	103
30.1	88.5	9439.2	300.0	-42.7	99.9	287.5	13.1	12.5	-3.9	325 2	999 9	99 9	999 9	12.5	104
32.2	93.2	10020.6	275.0	-47.4	99 9	285 5	13.9	13.4	-3.7	326.6	999 9	99 9	999 9	14.2	104
34.2	98.2	10643.2	250.0	-52.4	99.9	275 0	14.8	14.7	-1.3	328 1	999 9	99 9	999.9	15 9	104.
36.5	103.5	11317.0	225.0	-57 5	99 9	268 3	17 6	17.6	0.5	330.4	999 9	99 9	999 9	18 0	102
38.8	109.0	12055.6	200.0	-60.4	99 9	292 5	18.0	16.6	-6.9	337 2	999 9	99 9	999 9	20 5	101
41.5	115.0	12881.2	175.0	-63.5	99 9	304 1	15.8	13.1	-8.8	345 2	999.9	99 9	999.9	23.1	104.
44.6	121.5	13831.1	150.0	-60.8	99 9	301 5	13 6	11.6	-7.1	365 4	999 9	99 9	999 9	25 8	106
48.3	128.3	14963.3	125.0	-60.7	99 9	296 6	14.1	12.6	-6 3	385 1	999 9	99 9	999 9	28 4	107
52.5	135.3	16355.7	100.0	-59.6	99 9	300 3	11 5	9.9	-5.8	412.5	999 9	99.9	999.9	32.0	109.
58.2	143.3	18145.9	75.0	-59.5	99 9	316 3	8.7	6.0	-6.3	448 3	999.9	99 9	999 9	35.0	110
65.2	151.3	20709.7	50.0	-57.0	99 9	327 9	4.1	2.2	-3.5	509 2	999.9	99.9	999 9	36.5	113
76.0	159.7	25155.8	25.0	-51.2	99.9	96.3	3.2	-3.2	0.3	637 8	999 9	99 9	999.9	35 3	115.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 451
DODGE CITY, KANSAS

1 MAY 1982
1715 GMT

147 32 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	791.0	933 0	14.4	9.4	170.0	4.1	-0.7	4.0	293.3	314 5	8.0	72 0	0 0	0
99.9	99.9	99.9	1000 0	99.9	99.9	99.9	99.9	99 9	99.9	99 9	999 9	99 9	999.9	999 9	999
99.9	99 9	99.9	975 0	99 9	99.9	99.9	99.9	99.9	99.9	99 9	999 9	99.9	999 9	999 9	999
99.9	99.9	99.9	950 0	99.9	99.9	99.9	99.9	99 9	99 9	99.9	999.9	99 9	999 9	999 9	999
0.3	12 9	863.7	925 0	12.9	8.2	153.1	4.2	-1.9	3.7	292.5	312.2	7 4	73.0	0 1	355
1.1	15 2	1093.5	900 0	10.8	8.5	152.8	4.4	-2.0	3 9	292.8	313.2	7.8	85 7	0 3	343
1.9	17.5	1327.9	875.0	8.5	6.7	175.6	4.1	-0.3	4 1	292.8	311 4	7 1	88 5	0 5	341
2.9	19.8	1567.1	850 0	6.7	5.0	205.7	5.0	2.2	4.5	293.2	310 6	6 5	88 8	0 7	351
3.7	22.1	1811.9	825 0	5 0	4.7	226.7	5.8	4 2	4.0	293.9	311 4	6 5	98 0	1 0	3
4.7	24.5	2062.9	800 0	3.7	3.7	242.0	6.5	5 8	3 1	295.1	312 1	6 3	100 4	1 2	17
5.7	26.9	2321.4	775.0	3 9	0.8	225.8	5.0	3.6	3.5	298.0	312 6	5 3	80 6	1 5	27
6.7	29 4	2588.3	750.0	3.6	-5.1	189.2	3.6	0.6	3 6	300 5	310.5	3 5	53 1	1 7	27
7.7	31.9	2863.4	725.0	3.4	-7.7	198.1	2.7	0.8	2.6	303.2	311 9	3.0	44 4	1 9	25
8.7	34.5	3146.6	700.0	1.2	-24.0	188.7	3 1	0.5	3 1	303.8	306.3	0 8	13 1	2 0	25
9.7	37.1	3440.0	675.0	2.0	-21.0	174.5	4.2	-0.4	4 2	307 9	311 2	1 1	16 3	2.3	22
10.9	39.9	3743.1	650.0	-0.8	-15.4	189.3	4.1	0 7	4.0	306 1	313 6	1 8	31 8	2 5	19
12.1	42.6	4055.3	625.0	-2.9	-14.5	237.3	4.1	3 5	2 2	309.2	315 3	2 0	40 6	2 8	20
13.4	45.4	4377.7	600.0	-5.1	-20.2	277.1	5.0	5 0	-0.6	310.2	314 5	1.3	30.3	3 0	27
14.9	48.4	4712.1	575.0	-4.8	-32.7	302 1	4.1	3.5	-2.2	314 4	315 8	0 4	9 0	3 1	34
16.3	51.4	5060.1	550.0	-7.0	-31.9	300.4	5.8	5.0	-2 9	315.8	317 4	0 5	11.6	3 1	41
17.6	54.5	5420.7	525.0	-10.1	-33.7	292.0	7.2	6.7	-2 7	316 3	317 7	0 4	12 4	3 3	50
19.0	57.7	5794.0	500.0	-13.7	-35.1	285 1	6.9	6.6	-2 3	316 3	317 7	0 4	14 4	3 7	59
20.5	61.0	6181.4	475.0	-17.0	-33.7	284.7	9 5	9.2	-2.4	316 9	318 5	0 5	21 7	4 3	67
22.3	64.4	6585.3	450.0	-19.8	-34.6	274.5	10 5	10 5	-0.8	318.4	319 9	0.4	25 0	5 2	73
24.0	68.0	7006.4	425.0	-23.4	-31.9	271.9	11.2	11.2	-0.4	319.0	321 1	0 6	45 [illegible]	6 3	77
25.8	71.7	7446.5	400.0	-27.6	-33.3	278.0	10.8	10 7	-1.5	319.1	321.1	0 6	57 [illegible]	7 4	79
27.6	75.7	7907.0	375 0	-30 6	-45.7	292.6	13.5	12 4	-5 2	321 1	321 8	0.2	24 6	8 6	83
29.3	79.7	8394.0	350 0	-34.2	-51.8	301.6	14.8	12.6	-7 7	322 6	322 9	0 1	14.7	9 8	88
31.2	83.8	8907.3	325.0	-38 6	-55.4	289.2	15 2	14.4	-5.0	323 4	323.7	0 1	14 9	11 3	93
33.2	88.4	9453.5	300.0	-42.4	99.9	281.6	14 7	14.4	-3.0	325.7	999 9	99 9	999 9	13 1	94
35.4	93.2	10036.5	275 0	-46.2	99.9	304.9	11 9	9 8	-6.8	328 3	999 9	99 9	999.9	14 7	96
37.4	98.0	10663.8	250.0	-50 8	99.9	319.7	11.8	7.5	-9.0	330 6	999.9	99 9	999 9	15 9	99
39.8	103.4	11341.0	225.0	-56.8	99.9	317.0	13.0	8.9	-9 5	331 5	999 9	99 9	999 9	17 1	103
42.2	109 0	12080.4	200.0	-60.7	99.9	311.3	15.0	11.2	-9.9	336 7	999 9	99.9	999 9	19 1	106
44.9	115.0	12904 3	175.0	-64.7	99.9	307.5	15 6	12 4	-9 5	343 2	999 9	99 9	999 9	21 2	109
47.9	121.5	13857.4	150.0	-60.0	99.9	291.7	13 1	12 2	-4 8	366.8	999 9	99 9	999 9	23 9	110
51.1	128.5	14990.6	125.0	-61.1	99.9	294.9	15 7	14.3	-6 6	384 4	999.9	99 9	999 9	26 4	110
55 0	135.7	16383.0	100.0	-60.7	99.9	305.2	10.4	8.5	-6 0	410 4	999 9	99 9	999 9	29 4	112
60.3	143.7	18180.6	75.0	-57.7	99.9	304.6	7.1	5.9	-4 1	452 0	999 9	99 9	999 9	32 2	113
67.2	151 7	20743.2	50.0	-57.3	99.9	276.8	3.0	3 0	-0 4	508 6	999 9	99 9	999 9	33 1	114
99.9	99.9	99.9	25.0	99.9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	791.0	932.0	16.1	8.3	160.0	4.1	-1.4	3.9	295.1	315.0	7.4	60.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	13.3	855.1	925.0	14.9*	8.1	178.5	6.7	-0.2	6.7	294.6	314.3	7.4	63.8	0.3	354
0.8	15.7	1086.2	900.0	12.0	9.0	176.6	6.2	-0.4	6.2	293.9	315.3	8.0	81.8	0.4	355
1.5	18.1	1321.7	875.0	9.5	8.6	176.5	6.1	-0.4	6.0	293.7	315.0	8.1	94.2	0.7	355
2.3	20.5	1562.1	850.0	7.9	7.4	193.7	6.1	1.4	5.9	294.4	314.7	7.6	96.8	1.0	357
3.3	22.9	1808.2	825.0	6.2	5.9	213.6	6.3	3.5	5.3	295.2	314.3	7.1	97.8	1.3	4
4.1	25.4	2060.5	800.0	4.7	4.3	232.5	6.6	5.2	4.0	296.1	313.9	6.6	97.8	1.5	12
5.1	27.9	2319.6	775.0	5.0	4.7	227.5	7.5	5.6	5.1	299.2	318.2	6.9	97.4	1.8	21
5.9	30.5	2587.5	750.0	4.3	-1.0	224.0	6.2	4.3	4.5	301.2	314.7	4.8	68.5	2.2	24
6.9	33.1	2863.2	725.0	3.1	-2.6	235.5	4.1	3.4	2.4	302.8	315.3	4.4	66.2	2.5	27
7.9	35.8	3147.5	700.0	2.6	-6.4	224.6	4.4	3.1	3.1	305.4	314.0	2.9	43.8	2.7	29
8.9	38.6	3441.9	675.0	2.5	-20.0	212.9	5.3	2.9	4.4	308.5	312.1	1.2	17.1	3.0	30
10.2	41.3	3745.7	650.0	0.5	-14.0	212.1	4.4	2.3	3.7	309.5	315.8	2.0	33.9	3.4	30
11.3	44.1	4059.1	625.0	-2.1	-11.0	242.1	4.1	3.6	1.9	310.0	318.0	2.6	50.6	3.6	31
12.5	47.1	4382.3	600.0	-3.9	-27.9	278.2	3.9	3.8	-0.6	311.6	313.7	0.6	13.4	3.8	34
13.7	50.1	4718.4	575.0	-3.9	-28.7	315.0	4.2	3.0	-3.0	315.4	317.5	0.6	12.4	3.9	38
15.0	53.3	5067.0	550.0	-6.8	-30.0	323.8	4.4	2.6	-3.5	316.0	317.9	0.6	13.7	3.8	43
16.3	56.4	5428.2	525.0	-9.8	-31.9	314.2	5.3	3.8	-3.7	316.6	318.3	0.5	14.5	3.8	48
17.6	59.8	5802.5	500.0	-12.7	-29.9	302.5	7.4	6.2	-4.0	317.6	319.8	0.6	22.0	3.9	56
19.0	63.1	6191.4	475.0	-15.9	-28.4	295.1	9.5	8.6	-4.1	318.3	320.9	0.8	33.0	4.2	64
20.5	66.7	6596.4	450.0	-19.3	-28.5	284.7	11.0	10.6	-2.8	319.0	321.7	0.8	43.9	5.0	72
22.0	70.3	7018.3	425.0	-23.1	-35.8	290.8	12.1	11.3	-4.3	319.4	320.9	0.4	30.0	5.8	77
23.6	74.1	7460.1	400.0	-25.6	-43.5	292.6	14.0	13.0	-5.4	321.8	322.5	0.2	16.7	6.9	84
25.3	78.0	7924.3	375.0	-29.7	-47.5	290.9	14.0	13.0	-5.0	322.3	322.8	0.1	15.7	8.2	89
27.1	82.2	8412.1	350.0	-32.8	-50.8	294.0	10.7	9.8	-4.3	324.5	324.9	0.1	14.6	9.5	92
28.9	86.4	8929.9	325.0	-36.3	-53.9	317.2	10.3	7.0	-7.6	326.7	327.0	0.1	14.1	10.3	95
30.9	91.0	9480.1	300.0	-40.8	99.9	315.1	12.3	8.7	-8.7	327.9	999.9	99.9	999.9	11.3	100
32.9	95.5	10066.2	275.0	-45.6	99.9	311.7	12.5	9.3	-8.3	329.2	999.9	99.9	999.9	12.7	103
35.1	100.4	10693.3	250.0	-51.1	99.9	308.2	12.5	9.8	-7.7	330.2	999.9	99.9	999.9	14.1	106
37.6	105.8	11371.5	225.0	-55.7	99.9	308.0	14.2	11.2	-8.7	333.1	999.9	99.9	999.9	16.0	109
40.0	111.3	12114.6	200.0	-60.0	99.9	310.5	16.7	12.7	-10.9	337.7	999.9	99.9	999.9	18.1	111
42.8	117.2	12940.3	175.0	-63.5	99.9	307.5	15.8	12.6	-9.6	345.2	999.9	99.9	999.9	20.7	114
45.8	123.5	13895.4	150.0	-59.1	99.9	285.8	15.2	14.6	-4.1	368.3	999.9	99.9	999.9	23.4	115
49.4	130.0	15033.2	125.0	-59.5	99.9	293.6	15.9	14.5	-6.4	387.3	999.9	99.9	999.9	26.6	113
53.5	137.0	16428.6	100.0	-60.2	99.9	302.4	12.3	10.4	-6.6	411.5	999.9	99.9	999.9	30.0	114
59.0	144.7	18231.9	75.0	-59.3	99.9	311.1	10.4	7.8	-6.8	446.6	999.9	99.9	999.9	33.7	116
65.9	152.3	20799.1	50.0	-56.3	99.9	324.2	3.8	2.2	-3.0	510.9	999.9	99.9	999.9	35.3	117
76.9	160.3	25278.6	25.0	-49.3	99.9	999.9	99.9	99.9	99.9	643.3	999.9	99.9	999.9	35.5	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 451
DODGE CITY, KANSAS

1 MAY 1982
2315 GMT

81 273 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	791.0	930.0	16.1	8.3	180.0	6.2	0.0	6.2	295.3	315.3	7.4	60.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	14.3	836.8	925.0	14.8	10.1	190.1	7.5	1.3	7.4	294.4	316.8	8.4	73.6	0.2	360
1.0	16.8	1067.9	900.0	12.1	9.8	185.1	7.7	0.7	7.7	294.0	316.5	8.5	85.9	0.5	4
1.9	19.2	1303.7	875.0	9.9	9.4	184.0	8.3	0.6	8.3	294.1	316.6	8.5	97.0	0.9	3
2.7	21.7	1544.5	850.0	8.1	7.8	194.6	8.1	2.0	7.8	294.6	315.5	7.8	98.0	1.3	4
3.7	24.2	1790.9	825.0	6.6	6.3	209.0	7.6	3.7	6.7	295.6	315.3	7.3	98.0	1.7	9
4.5	26.6	2043.6	800.0	5.3	5.0	214.4	7.4	4.2	6.1	296.8	315.5	6.9	97.9	2.1	14
5.4	29.4	2303.6	775.0	5.9	2.9	231.0	6.3	4.9	4.0	300.1	317.2	6.2	81.8	2.4	17
6.3	32.1	2572.2	750.0	5.1	-1.2	236.3	5.5	4.6	3.0	302.1	315.5	4.7	53.8	2.7	22
7.3	34.8	2848.6	725.0	4.0	-4.6	254.8	4.3	4.2	1.1	303.9	314.8	3.8	53.4	2.9	25
8.3	37.4	3133.2	700.0	2.2	-6.6	242.7	4.8	4.3	2.2	304.9	314.7	3.3	52.2	3.1	29
9.2	40.1	3426.5	675.0	1.9	-8.7	232.2	5.1	4.0	3.1	307.8	316.6	2.9	45.0	3.3	31
10.3	42.9	3730.4	650.0	0.9	-11.1	230.9	4.9	3.8	3.1	309.9	317.6	2.5	40.3	3.6	33
11.4	45.8	4044.0	625.0	-2.0	-13.3	248.3	3.6	3.3	1.3	310.2	316.9	2.2	41.4	3.9	34
12.5	48.6	4367.6	600.0	-2.8	-30.1	296.6	2.9	2.6	-1.3	312.9	314.7	0.5	10.0	4.0	37
13.7	51.5	4704.5	575.0	-4.0	-29.5	324.3	4.0	2.3	-3.2	315.4	317.3	0.6	11.5	4.0	40
14.9	54.5	5053.3	550.0	-6.7	-30.7	324.3	5.0	2.9	-4.1	318.2	318.0	0.5	12.7	3.9	45
16.2	57.6	5414.3	525.0	-10.0	-30.8	323.8	7.5	4.4	-6.0	316.4	318.3	0.6	18.3	3.8	51
17.5	60.6	5788.3	500.0	-13.2	-29.0	321.2	9.9	6.2	-7.7	317.0	319.3	0.7	25.0	3.9	62
18.8	63.9	6176.7	475.0	-16.3	-31.3	306.6	10.8	8.6	-6.4	317.8	319.8	0.6	25.9	4.2	73
20.1	67.1	6580.8	450.0	-19.8	-33.2	297.7	13.8	12.2	-6.4	318.3	320.1	0.5	29.2	4.8	81
21.5	70.4	7002.9	425.0	-22.9	-26.5	293.7	17.7	16.2	-7.1	319.7	323.1	1.0	71.8	6.0	88
23.0	73.9	7444.1	400.0	-26.1	-43.9	294.9	17.1	15.5	-7.2	321.1	321.8	0.2	17.9	7.5	93
24.6	77.3	7908.0	375.0	-29.1	-49.4	303.2	13.2	11.0	-7.2	323.1	323.5	0.1	11.9	8.8	97
26.3	81.0	8398.0	350.0	-32.6	-52.1	314.6	11.1	7.9	-7.8	324.8	325.2	0.1	12.1	9.9	101
28.2	84.7	8915.8	325.0	-37.0	-54.9	314.8	10.5	7.4	-7.4	325.7	325.9	0.1	13.4	10.8	105
30.1	88.6	9464.1	300.0	-41.6	99.9	999.9	99.9	99.9	99.9	326.8	999.9	99.9	999.9	12.0	107
32.1	92.7	10047.8	275.0	-46.6	99.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO. 451
DODGE CITY, KANSAS

2 MAY 1982
215 GMT

157 19 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	791.0	929.6	14.4	9.0	165.0	5.1	-1.3	4.9	293.6	314.3	7.8	70.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	14.5	832.9	925.0	13.4	9.5	169.3	6.5	-1.2	6.4	293.0	314.4	8.1	77.4	0.2	353
0.8	17.1	1063.2	900.0	11.5	9.8	170.2	8.2	-1.4	8.1	293.4	315.9	8.5	89.4	0.5	348
1.6	19.8	1298.9	875.0	10.2	8.7	177.7	9.0	-0.4	8.9	294.4	315.9	8.1	90.1	0.9	348
2.4	22.5	1540.3	850.0	9.2	7.3	196.5	9.0	2.6	8.6	295.8	316.3	7.6	87.9	1.3	354
3.2	25.2	1787.8	825.0	8.0	6.1	212.9	6.9	3.8	5.8	297.1	316.5	7.2	87.9	1.6	1
4.0	28.0	2041.3	800.0	6.0	5.7	217.8	7.8	4.8	6.2	297.5	317.0	7.2	97.9	1.9	7
4.8	30.8	2301.0	775.0	5.0	1.6	238.6	7.8	6.6	4.1	299.2	314.7	5.6	78.5	2.2	13
5.7	33.6	2570.5	750.0	7.2	-1.1	244.3	7.0	6.3	3.0	304.4	318.0	4.7	55.5	2.5	21
6.6	36.4	2846.6	725.0	5.0	-2.6	242.6	5.6	5.0	2.6	305.0	317.5	4.4	57.7	2.8	25
7.5	39.3	3134.2	700.0	2.9	-3.6	248.9	5.5	5.1	2.0	305.7	317.8	4.2	62.6	3.0	29
8.5	42.2	3428.4	675.0	1.3	-6.3	250.7	5.4	5.1	1.8	307.2	317.8	3.5	56.6	3.2	33
9.5	45.1	3731.5	650.0	-0.2	-11.0	257.8	5.3	5.1	1.1	308.8	316.5	2.5	43.8	3.5	36
10.5	48.1	4044.2	625.0	-0.9	-26.4	287.1	3.8	3.6	-1.1	311.4	313.8	0.7	12.3	3.7	40
11.5	51.1	4369.3	600.0	-2.2	-27.0	298.7	2.9	2.6	-1.4	313.6	315.9	0.7	12.8	3.7	43
12.6	54.3	4705.5	575.0	-5.2	-28.6	318.9	2.9	1.9	-2.2	313.9	316.0	0.6	13.8	3.8	45
13.8	57.4	5052.6	550.0	-8.4	-29.8	345.1	3.7	0.9	-3.5	314.1	316.0	0.6	15.9	3.7	49
15.1	60.6	5411.4	525.0	-11.5	-30.2	347.8	6.6	1.4	-6.4	314.6	316.6	0.6	19.4	3.5	54
16.1	63.8	5783.4	500.0	-14.7	-31.9	333.1	7.7	3.5	-6.9	315.2	316.9	0.5	21.4	3.4	60
17.6	67.1	6169.4	475.0	-17.9	-32.8	314.0	10.2	7.3	-7.1	315.8	317.5	0.5	25.8	3.6	72
19.0	70.6	6571.9	450.0	-20.6	-32.0	304.8	13.5	11.1	-7.7	317.4	319.4	0.6	34.8	4.3	84
20.5	74.0	6992.4	425.0	-23.2	-42.5	308.1	13.6	10.7	-8.4	319.2	320.0	0.2	15.0	5.3	93
22.0	77.6	7434.2	400.0	-25.5	-45.2	319.4	11.4	7.4	-8.7	321.9	322.5	0.2	13.7	6.2	100
23.6	81.3	7898.7	375.0	-29.6	-48.1	318.0	10.5	7.1	-7.8	322.4	322.9	0.1	14.5	7.0	106
25.3	85.1	8386.4	350.0	-33.9	-51.3	313.5	10.5	7.6	-7.2	323.0	323.4	0.1	15.3	7.9	109
27.1	89.0	8901.9	325.0	-37.7	-54.5	319.3	9.9	6.5	-7.5	324.7	325.0	0.1	15.1	9.0	112
29.2	93.2	9448.5	300.0	-42.3	99.9	331.2	9.4	4.5	-8.2	325.8	999.9	99.9	999.9	9.9	116
31.3	97.3	10031.5	275.0	-46.6	99.9	332.3	10.2	4.7	-9.0	327.7	999.9	99.9	999.9	11.0	120
33.6	101.8	10656.1	250.0	51.9	99.9	329.1	10.1	5.2	-8.7	328.9	999.9	99.9	999.9	12.2	123
36.1	106.6	11330.4	225.0	-57.7	99.9	319.0	11.8	7.7	-8.9	330.0	999.9	99.9	999.9	13.6	126
38.8	111.8	12066.4	200.0	-62.2	99.9	319.2	14.5	9.5	-11.0	334.3	999.9	99.9	999.9	15.8	128
41.3	117.2	12863.2	175.0	-66.2	99.9	302.8	16.1	13.5	-8.7	340.8	999.9	99.9	999.9	17.9	126
44.3	123.2	13825.1	150.0	-62.6	99.9	303.9	19.0	15.7	-10.6	362.3	999.9	99.9	999.9	21.2	127
47.9	130.0	14952.7	125.0	-62.3	99.9	311.2	16.9	12.7	-11.2	382.2	999.9	99.9	999.9	25.2	127
52.2	137.7	16326.9	100.0	-63.7	99.9	316.4	13.2	9.1	-9.6	404.8	999.9	99.9	999.9	28.7	128
57.7	146.7	18102.5	75.0	-62.4	99.9	344.6	9.6	2.6	-9.3	442.1	999.9	99.9	999.9	32.3	130
64.8	156.7	20621.9	50.0	-58.6	99.9	10.0	5.8	-1.0	-5.7	505.5	999.9	99.9	999.9	34.5	133
76.6	167.5	25010.6	25.0	-54.8	99.9	83.0	2.8	-2.8	-0.3	627.2	999.9	99.9	999.9	33.7	138

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14 0	791.0	9[illegible].2	11 7	8.4	150 0	3.1	-1.6	2 7	290 8	310 4	7 5	80 0	0.0	0
99.9	99 9	99.9	10[illegible].0	99.9	99.9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	9[illegible].0	99.9	99.9	99 9	99.9	99.9	99 9	99.9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	950.0	99 9	99.9	99.9	99.9	99.9	99.9	99 9	999 9	99 9	999.9	999 9	999
0.2	14.5	838.1	925.0	11.6	9.5	156 3	8.0	-3.2	7.3	291 2	312 4	8 1	86 8	0 2	354
0.9	17.1	1068.1	900.0	11.7	10.9	167.9	13.5	-2 8	13.2	293 6	317 6	9 1	94 4	0 8	345
1.8	19 7	1304.2	875.0	10.9	9.0	183 5	12 6	0.8	12 6	295 2	317 3	8 3	88 1	1 5	350
2.6	22 3	1546.6	850.0	10.4	7.2	192 9	10.5	2.3	10.2	297 0	317 3	7.5	80 5	2 0	356
3 5	25 0	1794.7	825.0	8.2	6.3	198 6	9 4	3.0	8 9	297 3	317 1	7 3	67 4	2 5	360
4 4	27.7	2049.3	800.0	7.8	7.0	228 1	8.2	6 1	5.5	299 4	320 9	7 9	94 9	2 9	4
5 2	30.3	2311.5	775.0	7.4	6 5	265.0	6.9	6 9	0.6	301 7	323 4	7 9	94 1	3 1	11
6.1	33 0	2581.8	750.0	7.0	1.2	261 7	6.3	6.3	0 9	304 2	320 0	5.6	66 3	3.2	17
7.2	35 8	2860.4	725.0	5 7	-1 4	238 8	5 9	5.1	3 1	305 7	319 5	4 8	60 0	3 4	22
8.1	38 6	3146.7	700.0	3.3	-2.6	234.6	5.1	4.2	3.0	306 2	319 3	4 5	64 9	3 7	24
9.2	41.4	3441.3	675.0	2.4	-6.4	238.5	5 6	4.7	2 9	308 4	318 8	3 5	52 2	4 0	27
10.2	44.3	3745.2	650.0	0.3	-13 1	260 7	4.4	4.4	0 7	309 3	316 1	2 2	37 4	4 2	30
11.3	47.1	4059.2	625.0	-0.2	-23 9	304.3	3 6	3 0	-2 0	312 2	315 1	0 9	14 7	4 3	33
12.4	50.1	4384.6	600.0	-2.4	-25.2	328 4	4.5	2.3	-3 8	313 3	316 0	0 8	15 3	4 2	36
13.6	53.1	4720.6	575.0	-5.1	-26 0	327.3	4 0	2.2	-3 4	314 0	316 6	0 8	17 5	4 1	40
14.8	56.1	5068.0	550.0	-8.2	-26.6	320.2	2.7	1.7	-2 1	314 4	317 0	0 8	20 9	4 1	43
16 0	59.3	5427.4	525.0	-11.1	-27.9	329 8	3.6	1.8	-3.1	315 1	317 5	0 7	23 3	4 0	46
17.4	62.4	5800.0	500.0	-14.3	-27.6	315.7	5.4	3.7	-3 8	315 7	318 3	0 8	31 2	4 0	51
18.8	65.7	6186.5	475.0	-17.7	-29.5	310 7	7.6	5.7	-4 9	316 1	318 4	0 7	34 6	4 1	59
20.2	69.0	6589.4	450.0	-20.0	-39.5	314 6	9 2	6.5	-6 4	318 1	319 0	0 3	15 6	4 4	68
21.7	72.4	7013.0	425.0	-21 2	-40 8	321 4	8.9	5.5	-6 9	321 9	322 8	0 2	15 1	4 7	78
23.3	76 0	7457.0	400.0	-25.1	-42.8	311.2	9.7	7.3	-6.4	322 4	323 2	0 2	17.3	5 2	86
25.0	79.6	7922.5	375.0	-29 4	-46 1	311 3	9 9	7 4	-6.5	322 8	323 4	0 2	17 8	6 0	92
26.8	83.3	8411.9	350.0	-32 7	-49.4	323 3	9.3	5.6	-7.5	324 6	325 1	0 1	16 9	6.8	99
28.6	87 2	8929.9	325.0	-36.7	-52.7	331 6	8.0	3.8	-7 0	326 1	326 4	0 1	17.0	7 4	104
30.6	91.2	9479.4	300.0	-40.9	99.9	333 6	8 0	3 6	-7 2	327 7	999 9	99 9	999.9	8 0	109
32.7	95.5	10064.9	275.0	-45 7	99.9	324 8	9.1	5.2	-7 4	329 1	999 9	99 9	999 9	8 9	114
35.0	100.0	10691.0	250.0	-51 5	99.9	318 0	10.5	7 0	-7.8	329 5	999 9	99 9	999 9	10 1	117
37.5	104.8	11367.3	225.0	-56 4	99 9	324 4	11.1	6.5	-9 0	332 1	999 9	99 9	999 9	11 6	120
40.2	110 6	12105.7	200.0	-61 9	99 9	321 0	12.2	7.7	-9 5	334 7	999 9	99 9	999 9	13 3	124
43.3	115 6	12926.4	175.0	-64.5	99.9	305 5	16.2	13.2	-9.4	343 5	999 9	99 9	999 9	15.6	125
46.5	121.7	13867.9	150.0	-62.8	99.9	315 8	19 2	13.4	-13 8	361 9	999 9	99 9	999 9	19 4	126
50.5	128 3	14996.8	125.0	-61.3	99.9	317 9	14 8	9.9	-11.0	384 0	999 9	99 9	999 9	23 4	129
55.1	136.0	16380.3	100.0	-62 5	99.9	313.7	12 7	9 2	-8 8	407 1	999 9	99 9	999.9	26 7	129
61 1	145.0	18180.3	75.0	-62 3	99 9	326 7	8.9	4 9	-7 5	442 4	999 9	99 9	999 9	30 5	131
69.0	155.3	20687.3	50.0	-58.9	99 9	4.3	4.6	-0.3	-4 6	504 9	999 9	99 9	999 9	33 1	132
81.8	166.3	25085.8	25.0	-53.8	99 9	342 9	3.7	1 1	-3 5	630 3	999 9	99 9	999 9	32 4	137

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 451
DODGE CITY, KANSAS

2 MAY 1982
1115 GMT

148 20

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	[illegible]
0.0	13.8	791.0	929.1	12.2	10.1	180.0	7.2	0.0	7.2	291.4	313.4	8.4	87.0	0.0	[illegible]
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	14.2	828.2	925.0	11.3	11.1	191.2	12.9	2.5	12.7	290.9	314.4	9.0	98.6	0.3	[illegible]
1.0	16.7	1057.6	900.0	11.1	10.9	197.6	13.2	4.0	12.5	293.0	317.0	9.2	98.6	0.7	[illegible]
1.8	19.2	1292.4	875.0	9.3	4.4	209.2	13.2	6.4	11.5	293.4	309.5	6.0	71.5	1.3	[illegible]
2.6	21.7	1532.7	850.0	8.5	4.0	214.6	12.1	6.9	9.9	295.1	311.4	6.0	73.0	2.0	22
3.4	24.3	1779.6	825.0	7.7	4.4	221.2	10.4	6.9	7.8	296.7	314.0	6.4	79.6	2.5	25
4.2	26.9	2033.4	800.0	6.9	1.6	222.4	8.0	5.4	5.9	298.5	313.5	5.4	69.1	2.9	28
4.9	29.5	2294.7	775.0	7.6	1.2	209.5	4.9	2.4	4.3	302.0	317.2	5.4	63.8	3.2	29
5.8	32.1	2564.3	750.0	5.9	1.9	209.0	4.0	1.9	3.5	303.0	319.4	5.9	75.4	3.4	29
6.7	34.8	2841.3	725.0	4.1	-2.9	232.1	4.3	3.4	2.6	304.0	316.3	4.3	80.1	3.6	29
7.7	37.4	3126.6	700.0	3.1	-4.9	239.9	5.7	4.9	2.8	305.9	317.0	3.8	55.4	3.9	31
8.6	40.2	3420.3	675.0	1.3	-15.8	259.8	4.9	4.8	0.9	307.1	312.5	1.8	28.4	4.1	34
9.6	43.0	3723.9	650.0	1.2	-26.7	300.6	3.8	3.2	-1.9	310.4	312.5	0.7	10.2	4.2	37
10.7	45.8	4038.2	625.0	-1.2	-35.4	299.0	3.5	3.1	-1.7	311.1	313.6	0.8	13.9	4.2	40
11.8	48.7	4361.9	600.0	-3.7	-25.6	269.9	5.0	5.0	0.0	311.8	314.4	0.8	16.3	4.3	43
12.8	51.5	4697.0	575.0	-5.3	-29.0	258.3	5.8	5.7	1.2	313.8	315.9	0.6	13.3	4.7	46
14.0	54.5	5043.9	550.0	-8.5	-30.5	264.9	5.6	5.6	0.5	314.0	315.8	0.5	15.0	5.0	48
15.2	57.5	5402.4	525.0	-11.6	-29.3	281.9	7.2	7.0	-1.5	314.5	316.6	0.6	21.6	5.3	51
16.4	60.6	5774.1	500.0	-14.8	-25.0	297.5	8.9	7.9	-4.1	314.9	318.2	1.0	41.7	5.6	57
17.7	63.8	6160.4	475.0	-16.6	-40.5	317.2	7.0	4.8	-5.1	317.4	318.2	0.2	10.6	5.9	63
19.2	67.0	6564.9	450.0	-19.0	-41.6	328.4	5.0	2.6	-4.3	319.4	320.2	0.2	11.4	6.0	67
20.6	70.3	6988.1	425.0	-22.4	-43.8	317.9	6.7	4.5	-5.0	320.3	321.0	0.2	12.2	6.1	[illegible]
22.2	73.7	7429.8	400.0	-26.2	-46.6	315.2	7.2	5.1	-5.1	320.9	321.4	0.1	12.6	6.4	[illegible]
23.7	77.1	7894.2	375.0	-29.1	-49.1	324.5	6.4	3.7	-5.2	323.1	323.5	0.1	12.4	6.7	82
25.4	80.7	8383.0	350.0	-33.3	-52.4	316.9	5.9	4.0	-4.3	323.9	324.2	0.1	12.6	7.1	86
27.3	84.5	8899.1	325.0	-37.6	-55.7	334.6	6.6	2.8	-5.9	324.8	325.0	0.1	13.0	7.5	90
29.2	88.4	9445.5	300.0	-42.7	99.9	350.9	6.5	1.0	-6.4	325.2	999.9	99.9	999.9	7.7	95
31.4	92.5	10026.4	275.0	-47.3	99.9	338.3	6.1	2.3	-5.7	326.6	999.9	99.9	999.9	8.0	102
33.6	96.6	10650.0	250.0	-52.1	99.9	326.4	6.7	3.7	-5.6	328.7	999.9	99.9	999.9	8.5	106
35.9	101.2	11324.5	225.0	-57.2	99.9	315.6	8.0	5.6	-5.7	330.9	999.9	99.9	999.9	9.4	109
38.5	106.0	12061.6	200.0	-62.1	99.9	310.3	10.5	8.0	-6.8	334.5	999.9	99.9	999.9	10.6	112
40.9	111.3	12881.0	175.0	-64.6	99.9	310.0	13.1	10.0	-8.4	343.3	999.9	99.9	999.9	12.4	115
43.6	117.0	13829.8	150.0	-61.7	99.9	303.9	14.9	12.3	-8.3	363.8	999.9	99.9	999.9	14.5	116
46.8	123.0	14954.7	125.0	-62.6	99.9	305.5	14.7	12.0	-8.5	381.6	999.9	99.9	999.9	17.4	118
50.9	130.0	16332.4	100.0	-62.5	99.9	322.8	14.3	8.8	-11.4	407.1	999.9	99.9	999.9	20.9	120
56.5	138.3	18110.7	75.0	-62.6	99.9	346.5	9.4	2.2	-9.2	441.6	999.9	99.9	999.9	24.3	125
63.8	147.5	20637.0	50.0	-57.3	99.9	28.8	5.7	-2.8	-5.0	508.5	999.9	99.9	999.9	26.1	130
75.0	158.0	25053.3	25.0	-54.2	99.9	59.3	4.6	-4.0	-2.4	628.9	999.9	99.9	999.9	25.7	134

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

1 MAY 1982
1105 GMT

165 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	268 0	992.4	11.1	10.0	40.0	2.1	-1.3	-1.6	284.9	304 8	7 8	93.0	0.0	0
99.9	99.9	99 9	1000.0	99.9	99.9	99 9	99 9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
0 5	9.0	418.5	975.0	12.4	10 5	100 2	3 9	-3.8	0.7	287 6	308 9	8 2	88 6	0 0	205
1.3	11.3	634.9	950.0	12.6	7.3	99 1	1 7	-1.7	0.3	290 0	307 9	6 8	70.6	0 2	263
2.0	13.6	858.5	925.0	11 1	4 4	211 5	0 4	0.2	0 3	290 6	305 8	5 7	83 7	0 2	265
2.9	16.0	1086.3	900.0	8.7	3 2	274.6	0 9	0 9	-0 1	290.4	304 8	5 4	68.3	0 2	262
4.2	18.4	1318.8	875.0	6.4	3.1	262 4	0 8	0.8	0.1	290 5	305 1	5 5	79 2	0.1	254
5.9	20.8	1555.9	850.0	4 1	3.0	999 9	99 9	99.9	99.9	290 4	305 4	5 6	92 9	999.9	999
7.3	23.3	1798 1	825.0	2.0	1.6	999 9	99 9	99.9	99.9	290 8	304 8	5 2	97 3	999 9	999.
8.4	25.8	2046.2	800.0	0.7	0.3	273 4	2 0	2 0	-0 1	291 9	305 2	4 9	97 1	0 3	79
9 2	28.3	2302 2	775.0	1.0	-3.6	245 7	1 4	1.3	0.6	294 9	305 3	3 7	70 2	0 4	80
10 2	31.0	2564 9	750.0	-1 4	-33.1	112 2	0 8	-0.8	0 3	295 0	296 0	0 3	6 8	0 4	77
11 1	33.7	2836.2	725.0	1.9	-31.0	23 4	1 7	-0 7	-1.6	301 6	302 9	0 4	6.5	0 3	84
12.2	36.4	3118.6	700.0	1.2	-30.1	315.9	2 9	2 0	-2 1	303 8	305 3	0 4	7 5	0 4	104
13.2	39.2	3410 3	675.0	-0.3	-30.0	285 7	3.2	3 1	-0.9	305 3	306.8	0 5	8 4	0.6	107
14.1	42.1	3711 1	650.0	-1.7	-32.7	301 9	3.0	2.6	-1.6	307 0	308 3	0 4	7 2	0 7	107
15.3	45.0	4021.5	625.0	-3.8	-34.1	319 3	5.6	3.6	-4.2	308 1	309 3	0 3	7.3	1 0	115
16.5	48.0	4342.9	600.0	-5.3	-35.6	310.1	6.0	4 6	-3.9	310 0	311 0	0 3	7 1	1 4	122
17.5	51.1	4675.4	575.0	-7.8	-37.2	303.3	5.4	4.5	-3.0	310 9	311 8	0.3	7 3	1 8	122
18.6	54.3	5019.1	550.0	-10.6	-38.9	318.3	4 4	2.9	-3.3	311 5	312 4	0 2	7 6	2 1	123
19 8	57.6	5374.9	525.0	-13.6	-40.0	332 1	3.9	1.8	-3.4	312 1	312 9	0 2	8 6	2 4	126
21.1	61.0	5743.8	500.0	-16.6	-41.5	332.6	3.2	1.5	-2.9	312 8	313 5	0 2	9 4	2 6	129
22.4	64.5	6127.5	475.0	-19.1	-43.0	294.9	3.7	3 4	-1.6	314 4	315 0	0 2	9 9	2 9	130
23.6	68.1	6527.8	450.0	-22.0	-45.1	277.8	6.0	6.0	-0.6	315 6	316 2	0 1	10 1	3.2	126
25.2	71.9	6948.2	425.0	-24.6	-45.5	280 2	8 7	8.6	-1.5	317 5	318 1	0 1	12 3	3 8	122
26.6	75.8	7384.1	400.0	-28.6	-41.9	286 9	10 6	10.2	-3 1	317 9	318 7	0 2	26 3	4.7	118
28.5	80.0	7842.9	375.0	-32.2	-47 5	289 2	11 1	10 5	-3 7	319 0	319 5	0 1	20 0	5 7	116
30.3	84.2	8326.1	350.0	-35.9	-51.8	290 6	13 1	12.2	-4.6	320 4	320 7	0 1	17.4	7 0	115
32.2	88.7	8836.0	325.0	-39.2	-55.9	295 8	17 3	15.6	-7 5	322 7	322.9	0 1	14 8	8 7	115
34.4	93.4	9381.1	300.0	-43.8	99.9	294 7	21 5	19.5	-9 0	323 7	999 9	99 9	999.9	11.3	115
36.7	98.3	9960.5	275.0	-47 5	99.9	287 4	24 9	23.7	-7 5	326 5	999 9	99 9	999 9	14 5	114
39.1	103.5	10583.5	250.0	-52.5	99.9	280 9	27 1	26 6	-5.1	328 1	999 9	99 9	999 9	18 3	112
41.7	109.0	11257.0	225.0	-57.2	99.9	272 8	28 3	28.2	-1 4	330 8	999 9	99 9	999 9	22 4	109
44.6	114.7	11991.5	200.0	-62.8	99.9	274 0	27 2	27 1	-1.9	333 3	999 9	99 9	999 9	27 2	106
47.8	121.0	12810 5	175.0	-64 4	99.9	279 0	24 5	24 2	-3 9	343 6	999 9	99 9	999 9	32 0	105
51.7	127.7	13760.0	150.0	-61 6	99.9	291 5	18 2	16.9	-6 7	364 0	999 9	99 9	999 9	36 9	105
56.3	134.7	14890.7	125.0	-60.2	99.9	299.9	15 8	13 7	-7 9	386 1	999 9	99 9	999 9	41 5	106
61.8	142.2	16283.1	100 0	-59.8	99.9	285 5	12 4	11 7	-3 9	412 5	999 9	99 9	999 9	45 9	107
68.4	149.7	18077.1	75.0	-59.6	99.9	290 3	9 5	8 9	-3.3	448 1	999 9	99 9	999 9	50.5	107
77.5	157.7	20650.6	50.0	-57.4	99.9	3 2	7 6	-0 4	-7 6	508 3	999 9	99 9	999 9	54 4	109
91.3	166.0	25062.5	25.0	-52.1	99.9	42 6	4 8	-3.2	-3 5	634 9	999 9	99 9	999 9	53 0	112

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

1 MAY 1982
1500 GMT

158 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	288.0	993.2	12.6	11.2	50.0	1.8	-1.2	-1.0	286.5	308.2	8.5	90.0	0.0	0
99.9	99.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.0	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	8.8	423.3	975.0	11.5	8.9	999.9	99.9	99.9	99.9	286.6	305.8	7.4	83.7	999.9	999
1.3	11.2	640.7	950.0	11.4	8.8	999.9	99.9	99.9	99.9	288.8	305.9	6.6	73.4	999.9	999
2.1	13.7	863.6	925.0	10.5	4.3	999.9	99.9	99.9	99.9	290.1	305.1	5.7	65.4	999.9	999
2.7	16.1	1081.2	900.0	8.6	3.1	999.9	99.9	99.9	99.9	290.3	304.6	5.3	68.2	999.9	999
3.6	18.6	1323.4	875.0	8.1	2.3	999.9	99.9	99.9	99.9	290.1	304.0	5.2	76.5	999.9	999
4.3	21.1	1560.4	850.0	4.2	2.8	53.7	0.5	-0.7	-0.5	290.6	305.3	5.5	90.5	0.5	259
5.1	23.6	1802.8	825.0	2.1	1.7	347.8	0.9	0.2	-0.9	290.8	304.9	5.3	96.9	0.5	255
5.9	26.1	2050.9	800.0	1.0	0.4	238.6	1.4	1.2	0.7	292.2	305.5	4.9	98.0	0.5	252
6.8	28.7	2307.3	775.0	1.3	-2.6	202.5	1.9	0.7	1.8	295.2	306.6	4.1	75.2	0.4	263
7.7	31.3	2570.2	750.0	3.6	-25.7	295.2	0.9	0.8	-0.4	297.2	299.2	0.8	11.7	0.4	274
8.7	34.0	2843.9	725.0	2.4	-24.3	9.9	2.2	-0.4	-2.2	302.1	304.5	0.7	11.7	0.4	262
9.8	36.7	3127.3	700.0	1.8	-24.3	331.9	3.9	1.8	-3.4	304.3	306.7	0.8	12.4	0.5	241
10.8	39.3	3419.3	675.0	-0.2	-28.1	299.4	4.7	4.1	-2.3	305.5	307.6	0.7	12.0	0.5	204
11.7	42.1	3720.6	650.0	-1.5	-27.3	292.7	4.2	3.9	-1.6	307.2	309.3	0.6	11.8	0.5	169
12.8	44.9	4031.7	625.0	-3.0	-28.4	321.8	4.0	2.5	-3.1	309.0	311.0	0.6	11.9	0.7	156
13.8	47.8	4353.7	600.0	-5.1	-30.0	328.7	3.9	2.0	-3.3	310.2	312.0	0.5	12.0	1.0	155
14.9	50.6	4686.6	575.0	-7.4	-31.7	311.3	2.6	1.9	-1.7	311.4	313.0	0.5	12.1	1.2	153
16.1	53.6	5030.7	550.0	-10.4	-34.0	283.9	2.4	2.3	-0.6	311.8	313.1	0.4	12.2	1.3	149
17.3	56.5	5387.0	525.0	-13.1	-35.9	278.3	2.6	2.6	-0.4	312.7	313.9	0.3	12.6	1.4	143
18.5	59.6	5756.9	500.0	-15.6	-36.1	999.9	99.9	99.9	99.9	313.7	314.7	0.3	12.7	1.6	138
19.7	62.0	6141.1	475.0	-19.2	-40.6	999.9	99.9	99.9	99.9	314.3	315.1	0.2	12.9	999.9	999
21.1	65.6	6541.4	450.0	-21.5*	99.9	999.9	99.9	99.9	99.9	316.2	999.9	99.9	999.9	999.9	999
22.5	69.0	6960.4	425.0	-24.1	-43.4	999.9	99.9	99.9	99.9	318.1	318.7	0.2	14.8	999.9	999
24.1	72.4	7398.0	400.0	-26.2	-43.6	292.4	10.9	10.1	-4.2	318.3	319.0	0.2	21.2	3.6	119
25.6	75.9	7858.4	375.0	-32.2	-47.2	289.9	12.8	12.1	-4.4	319.0	319.5	0.1	20.7	4.7	117
27.3	79.4	8341.3	350.0	-36.0	-50.5	290.3	13.3	12.5	-4.8	320.2	320.6	0.1	20.6	6.0	116
29.0	83.2	8852.4	325.0	-39.5	99.9	291.6	14.7	13.7	-5.4	322.2	999.9	99.9	999.9	7.4	115
30.7	87.0	9394.3	300.0	-44.3	99.9	291.6	15.8	14.7	-5.8	323.0	999.9	99.9	999.9	9.0	114
32.8	91.2	9972.2	275.0	-48.3	99.9	287.3	20.0	19.0	-5.9	325.2	999.9	99.9	999.9	11.1	113
34.9	95.4	10593.7	250.0	-52.9	99.9	282.7	24.0	23.5	-5.3	327.4	999.9	99.9	999.9	13.9	112
37.0	100.0	11266.2	225.0	-57.2	99.9	278.0	27.2	26.9	-3.8	330.8	999.9	99.9	999.9	17.1	110
39.4	104.8	12001.2	200.0	-62.5	99.9	282.8	26.6	26.0	-5.9	333.9	999.9	99.9	999.9	21.1	107
42.1	110.0	12827.1	175.0	-61.8	99.9	293.4	20.6	18.9	-8.2	348.3	999.9	99.9	999.9	24.8	108
45.3	115.7	13783.8	150.0	-59.6	99.9	294.9	16.6	15.0	-7.0	367.5	999.9	99.9	999.9	28.3	108
48.3	122.2	14921.7	125.0	-59.6	99.9	299.9	14.9	12.9	-7.4	387.0	999.9	99.9	999.9	31.9	110
54.1	129.7	16315.6	100.0	-60.1	99.9	294.6	11.8	10.7	-4.9	411.7	999.9	99.9	999.9	35.4	110
59.9	138.0	18120.2	75.0	-57.4	99.9	311.2	10.8	8.1	-7.1	452.6	999.9	99.9	999.9	39.6	111
68.2	148.0	20703.5	50.0	-55.7	99.9	229.9	4.6	3.5	3.0	512.1	999.9	99.9	999.9	42.3	114
80.8	158.7	25183.2	25.0	-51.1	99.9	999.9	99.9	99.9	99.9	838.1	999.9	99.9	999.9	41.0	116

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

1 MAY 1982
1700 GMT

156 13

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	[illegible]
0.0	7.5	288.0	993.4	16.7	11.0	140.0	1.6	-1.0	1.2	290.4	312.1	8.3	69.0	0.0	[illegible]
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	9.4	420.7	975.0	14.1	10.1	999.9	99.9	99.9	99.9	289.3	310.2	8.0	77.0	999.9	999
1.3	11.9	645.4	950.0	12.2	8.4	999.9	99.9	99.9	99.9	289.6	308.8	7.3	77.7	999.9	999
2.0	14.4	860.9	925.0	11.2	4.9	999.9	99.9	99.9	99.9	290.8	306.5	5.9	64.9	999.9	999
2.8	16.9	1087.2	900.0	9.3	3.5	135.5	1.1	-0.8	0.8	291.1	305.8	5.5	67.4	0.3	195
3.5	19.5	1330.2	875.0	7.1	2.9	181.1	1.6	0.3	1.6	291.2	305.6	5.4	74.5	0.3	374
4.3	22.1	1588.1	850.0	5.2	2.7	193.9	1.5	0.4	1.4	291.6	306.3	5.5	84.2	0.4	[illegible]
5.2	24.7	1811.4	825.0	3.0	2.3	223.2	1.7	1.2	1.2	291.8	306.5	5.5	95.0	0.4	315
6.0	27.3	2060.6	800.0	1.5	1.2	251.6	2.3	2.2	0.7	292.8	306.9	5.2	97.2	0.4	[illegible]
6.9	29.9	2318.7	775.0	0.1	-16.2	331.5	1.5	0.7	-1.3	293.9	298.6	1.6	31.2	0.4	[illegible]
7.8	32.6	2582.0	750.0	5.7	-19.1	85.3	0.9	-0.9	-0.1	302.7	306.2	1.1	14.7	0.4	349
8.8	35.2	2858.3	725.0	4.3	-19.9	999.9	99.9	99.9	99.9	304.2	307.6	1.1	15.1	0.4	345
9.7	37.9	3142.9	700.0	2.8	-21.0	999.9	99.9	99.9	99.9	305.6	308.8	1.0	15.3	999.9	999
10.6	40.7	3436.3	675.0	1.3*	99.9	999.9	99.9	99.9	99.9	307.1	999.9	99.9	999.9	999.9	999
11.6	43.4	3738.7	650.0	-0.8	-23.6	999.9	99.9	99.9	99.9	308.3	311.1	0.9	15.5	999.9	999
12.6	46.3	4050.8	625.0	-2.3	-25.0	999.9	99.9	99.9	99.9	309.9	312.5	0.8	15.4	0.7	103
13.6	49.2	4373.8	600.0	-4.2	-26.6	330.9	2.2	1.1	-1.9	311.3	313.6	0.7	15.5	0.8	119
14.7	52.1	4707.6	575.0	-6.9	-28.7	253.2	1.4	1.3	0.4	311.9	313.9	0.6	15.6	0.9	[illegible]
15.8	55.1	5052.5	550.0	-9.7	-31.0	284.5	2.4	2.4	0.2	312.6	314.3	0.5	15.6	0.9	[illegible]
16.9	58.1	5410.1	525.0	-12.1	-32.9	280.6	3.3	3.2	-0.6	313.8	315.4	0.4	15.7	1.1	110
17.9	61.1	5781.3	500.0	-15.0	-35.2	279.4	4.4	4.3	-0.7	314.8	316.1	0.4	15.8	1.4	108
19.4	64.3	6167.3	475.0	-17.3	-37.1	281.5	6.2	6.1	-1.2	316.5	317.7	0.3	15.9	1.8	106
20.7	67.5	6570.3	450.0	-20.5	-39.4	285.6	8.4	8.1	-2.3	317.5	318.4	0.3	16.5	2.4	106
22.2	70.9	6990.3	425.0	-23.9	-38.3	288.5	10.1	9.6	-3.2	318.4	319.5	0.3	25.1	3.2	[illegible]
23.8	74.3	7430.0	400.0	-27.2	-40.9	309.5	11.2	8.6	-7.1	319.7	320.6	0.3	25.6	4.2	[illegible]
25.5	77.7	7890.6	375.0	-31.7	-43.7	295.9	11.0	9.9	-4.8	319.7	320.4	0.2	29.1	5.2	[illegible]
27.2	81.3	8374.9	350.0	-35.[illegible]	-46.3	296.8	11.4	10.2	-5.2	321.0	321.7	0.2	31.3	6.4	[illegible]
29.0	85.0	8887.3	325.0	-39.[illegible]	-50.5	288.3	12.4	11.8	-3.9	322.7	323.1	0.1	28.5	7.6	[illegible]
30.9	88.8	9431.1	300.0	-43.6	99.9	285.8	13.9	13.3	-3.8	324.0	999.9	99.9	999.9	9.2	[illegible]
33.0	92.8	10010.6	275.0	-47.6	99.9	288.1	12.7	12.1	-4.0	326.2	999.9	99.9	999.9	10.8	[illegible]
35.1	97.0	10633.6	250.0	-52.3	99.9	286.3	15.1	14.5	-4.2	328.3	999.9	99.9	999.9	12.5	[illegible]
37.3	101.3	11300.2	225.0	-56.6	99.9	288.3	16.4	15.6	-5.2	331.8	999.9	99.9	999.9	14.6	[illegible]
39.4	106.0	12040.2	200.0	-59.4	99.9	296.8	18.9	16.9	-8.5	336.7	999.9	99.9	999.9	16.9	[illegible]
41.8	111.0	12878.1	175.0	-62.5	99.9	297.7	19.2	17.0	-9.0	346.9	999.9	99.9	999.9	19.7	[illegible]
45.0	116.0	13838.4	150.0	-66.1	99.9	295.9	15.2	13.7	-6.6	366.6	999.9	99.9	999.9	22.9	[illegible]
48.4	122.5	14978.4	125.0	-58.8	99.9	296.7	15.0	13.4	-6.8	388.6	999.9	99.9	999.9	26.0	[illegible]
53.0	129.5	16387.5	100.0	-57.5	99.9	293.4	12.1	11.1	-4.8	416.7	999.9	99.9	999.9	29.7	[illegible]
58.7	137.3	18213.4	75.0	-56.3	99.9	311.0	8.8	6.8	-5.6	454.9	999.9	99.9	999.9	33.0	[illegible]
66.3	146.3	20603.1	50.0	-54.0	99.9	318.7	2.7	1.8	-2.1	516.3	999.9	99.9	999.9	35.1	[illegible]
78.2	156.7	25287.7	25.0	-49.5	99.9	999.9	99.9	99.9	99.9	642.9	999.9	99.9	999.9	34.6	[illegible]

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

STATION NO 456
TOPEKA, KANSAS

1 MAY 1982
2000 GMT

157 20 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	268.0	992.1	17.2	9.4	999.9	99.9	99.9	99.9	291.0	310.7	7.5	60.0	999.9	999
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	9.3	416.3	875.0	16.6	6.9	999.9	99.9	99.9	99.9	291.9	309.0	6.4	52.6	999.9	999
1.4	11.9	636.2	950.0	14.2	6.3	999.9	99.9	99.9	99.9	291.6	308.4	6.3	58.9	999.9	999
2.3	14.6	861.0	925.0	12.0	4.9	999.9	99.9	99.9	99.9	291.6	307.4	5.9	61.8	999.9	999
3.3	17.2	1080.1	900.0	10.3	4.4	999.9	99.9	99.9	99.9	292.1	307.8	5.9	67.1	999.9	999
4.2	19.8	1293.6	875.0	8.2	3.5	999.9	99.9	99.9	99.9	292.3	307.5	5.6	72.4	999.9	999
5.1	22.6	99.9	850.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
6.0	25.3	99.9	825.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
6.8	28.0	99.9	800.0	1.8	0.6	999.9	99.9	99.9	99.9	293.2	307.0	5.1	92.6	999.9	999
7.7	30.8	99.9	775.0	5.6	-11.9	999.9	99.9	99.9	99.9	299.8	305.9	2.1	29.3	999.9	999
8.6	33.7	99.9	750.0	5.7	-13.4	999.9	99.9	99.9	99.9	302.8	308.2	1.8	23.8	999.9	999
9.5	36.4	99.9	725.0	4.2	-14.5	999.9	99.9	99.9	99.9	304.1	309.3	1.7	24.0	999.9	999
10.5	39.4	99.9	700.0	2.8	-15.8	999.9	99.9	99.9	99.9	305.4	310.3	1.6	24.1	999.9	999
11.5	42.3	99.9	675.0	1.3	-17.0	999.9	99.9	99.9	99.9	307.1	311.7	1.5	24.1	999.9	999
12.6	45.3	99.9	650.0	-0.8	-18.7	999.9	99.9	99.9	99.9	308.1	312.3	1.3	24.2	999.9	999
13.7	48.3	99.9	625.0	-2.9	-20.4	999.9	99.9	99.9	99.9	309.2	313.0	1.2	24.3	999.9	999
14.8	51.3	99.9	600.0	-4.7	-21.9	999.9	99.9	99.9	99.9	310.7	314.2	1.1	24.3	999.9	999
16.0	54.4	99.9	575.0	-7.7	-24.5	999.9	99.9	99.9	99.9	310.9	313.9	0.9	24.5	999.9	999
17.1	57.5	99.9	550.0	-10.3	-26.9	999.9	99.9	99.9	99.9	311.9	314.4	0.8	24.1	999.9	999
18.3	60.6	99.9	525.0	-12.7	-29.0	999.9	99.9	99.9	99.9	313.1	315.3	0.7	24.2	999.9	999
19.6	64.0	99.9	500.0	-15.7	-31.5	999.9	99.9	99.9	99.9	313.9	315.7	0.5	24.3	999.9	999
21.0	67.4	99.9	475.0	-18.4	-33.5	999.9	99.9	99.9	99.9	315.2	316.6	0.5	25.0	999.9	999
22.4	70.8	99.9	450.0	-21.6	-34.5	999.9	99.9	99.9	99.9	316.1	317.7	0.4	29.8	999.9	999
23.8	74.3	99.9	425.0	-24.7	-35.6	999.9	99.9	99.9	99.9	317.4	318.9	0.4	35.3	999.9	999
25.5	78.0	99.9	400.0	-28.3	-38.9	999.9	99.9	99.9	99.9	318.2	319.4	0.3	35.1	999.9	999
27.1	81.7	99.9	375.0	-31.8	-40.9	999.9	99.9	99.9	99.9	319.8	320.8	0.3	36.8	999.9	999
28.9	85.5	99.9	350.0	-35.3	-43.1	999.9	99.9	99.9	99.9	321.1	322.0	0.2	34.4	999.9	999
30.9	89.5	99.9	325.0	-39.4	-48.7	999.9	99.9	99.9	99.9	322.4	322.9	0.1	35.8	999.9	999
32.9	93.6	99.9	300.0	-43.0	99.9	999.9	99.9	99.9	99.9	324.7	999.9	99.9	999.9	999.9	999
35.2	98.0	99.9	275.0	-47.1	99.9	999.9	99.9	99.9	99.9	327.0	999.9	99.9	999.9	999.9	999
37.4	102.4	99.9	250.0	-52.7	99.9	999.9	99.9	99.9	99.9	327.8	999.9	99.9	999.9	999.9	999
39.8	107.2	99.9	225.0	-57.8	99.9	999.9	99.9	99.9	99.9	330.0	999.9	99.9	999.9	999.9	999
42.3	112.2	99.9	200.0	-61.1	99.9	999.9	99.9	99.9	99.9	336.0	999.9	99.9	999.9	999.9	999
45.3	117.6	99.9	175.0	-62.5	99.9	999.9	99.9	99.9	99.9	346.3	999.9	99.9	999.9	999.9	999
48.8	123.5	99.9	150.0	-59.3	99.9	999.9	99.9	99.9	99.9	368.9	999.9	99.9	999.9	999.9	999
52.6	129.7	99.9	125.0	-56.5	99.9	999.9	99.9	99.9	99.9	387.2	999.9	99.9	999.9	999.9	999
57.4	136.7	99.9	100.0	-59.1	99.9	999.9	99.9	99.9	99.9	413.6	999.9	99.9	999.9	999.9	999
63.3	144.3	99.9	75.0	-57.7	99.9	999.9	99.9	99.9	99.9	452.0	999.9	99.9	999.9	999.9	999
71.3	152.7	99.9	50.0	-54.4	99.9	999.9	99.9	99.9	99.9	515.1	999.9	99.9	999.9	999.9	999
84.0	161.3	99.9	25.0	-49.9	99.9	999.9	99.9	99.9	99.9	641.7	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO 456
TOPEKA, KANSAS

1 MAY 1982
2305 GMT

153 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	268.0	990.4	17.8	9.9	130.0	4.1	-3.1	2.6	291.8	312.3	7.8	60.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	9.3	402.0	975.0	17.0	7.2	152.7	3.0	-1.4	2.7	292.3	309.8	6.6	52.5	0.1	323
1.4	11.7	622.9	950.0	4.8	6.8	134.1	2.7	-1.9	1.8	292.3	309.7	6.5	58.5	0.3	322
2.3	14.2	847.9	925.0	12.9	5.9	140.8	1.6	-1.0	1.2	292.5	309.3	6.3	62.4	0.4	319
3.0	16.7	1077.6	900.0	10.8	5.0	227.2	0.9	0.7	0.6	292.7	309.0	6.1	67.3	0.4	321
3.9	19.2	1311.8	875.0	8.9	3.8	270.6	1.6	1.6	-0.0	293.1	308.6	5.8	70.3	0.4	329
4.8	21.7	1551.3	850.0	6.8	1.5	282.4	2.2	2.1	-0.5	293.2	308.9	5.0	68.9	0.4	342
5.6	24.2	1795.9	825.0	4.7	1.3	281.6	3.0	3.0	-0.6	293.6	307.5	5.1	78.3	0.3	3
6.6	26.9	2045.9	800.0	2.2	1.2	275.5	3.0	3.0	-0.3	293.5	307.6	5.2	93.0	0.4	37
7.5	29.4	2303.5	775.0	5.7	-15.9	299.2	1.8	1.6	-0.9	300.0	304.2	1.4	19.2	0.4	53
8.5	32.1	2571.3	750.0	5.4	-16.2	286.0	1.8	1.8	-0.5	302.4	306.8	1.4	19.3	0.5	64
9.5	34.7	2847.4	725.0	3.9	-17.0	334.2	1.5	0.7	-1.4	303.8	309.1	1.4	20.0	0.5	71
10.5	37.3	3131.6	700.0	2.3	-17.7	345.5	3.5	0.9	-3.4	305.1	309.3	1.4	21.0	0.5	86
11.5	40.1	3424.9	675.0	1.7	-18.2	329.8	4.8	2.4	-4.2	307.5	311.7	1.3	21.0	0.7	110
12.6	42.9	3728.1	650.0	-0.2	-20.3	304.8	4.1	3.4	-2.3	308.7	312.4	1.2	20.2	0.9	116
13.7	45.7	4040.5	625.0	-2.5	-22.1	297.0	3.9	3.5	-1.8	309.6	312.9	1.0	20.3	1.2	118
14.8	48.4	4363.0	600.0	-4.9	-24.1	304.1	3.7	3.1	-2.1	310.5	313.4	0.9	20.4	1.4	118
15.9	51.3	4695.8	575.0	-7.5	-26.4	307.3	3.7	3.0	-2.3	311.2	313.7	0.8	20.3	1.7	119
17.1	54.3	5040.4	550.0	-9.8	-28.5	305.4	4.4	3.6	-2.5	312.5	314.7	0.7	19.8	2.0	121
18.4	57.3	5397.4	525.0	-12.9	-31.0	308.7	5.1	4.1	-3.1	312.9	314.7	0.5	20.1	2.3	121
19.8	60.4	5767.2	500.0	-15.9	-32.8	313.8	6.7	4.9	-4.6	313.7	315.3	0.5	21.5	2.8	123
21.1	63.5	6151.8	475.0	-18.7	-33.7	323.5	8.2	4.9	-6.6	314.8	316.4	0.5	25.3	3.4	125
22.5	66.8	6552.8	450.0	-21.3	-35.2	327.0	9.5	5.2	-8.0	316.5	317.9	0.4	27.3	4.1	130
24.0	69.9	6971.6	425.0	-24.7	-37.0	311.8	10.7	8.0	-7.2	317.3	318.6	0.4	30.5	5.0	132
25.5	73.3	7410.5	400.0	-28.0	-38.9	300.1	12.5	10.8	-6.3	318.6	319.8	0.3	34.1	6.0	130
27.3	76.7	7870.6	375.0	-31.0	-43.3	303.7	12.7	10.6	-7.0	320.6	321.4	0.2	28.1	7.4	128
28.9	80.1	8357.0	350.0	-34.0	-47.0	312.8	11.7	8.6	-8.0	322.9	323.5	0.2	25.3	8.5	128
30.8	83.9	8871.0	325.0	-38.7	-51.2	311.0	11.9	9.0	-7.8	323.3	323.7	0.1	25.1	9.9	129
32.8	87.7	9415.5	300.0	-43.4	99.9	314.4	13.6	9.7	-9.5	324.2	999.9	99.9	999.9	11.4	129
35.1	91.7	9994.9	275.0	-48.0	99.9	315.6	15.8	11.0	-11.3	325.7	999.9	99.9	999.9	13.4	130
37.6	95.8	10615.7	250.0	-53.5	99.9	312.8	15.6	11.4	-10.6	326.5	999.9	99.9	999.9	15.8	131
40.2	100.2	11285.0	225.0	-58.6	99.9	309.5	16.7	12.9	-10.6	328.7	999.9	99.9	999.9	18.3	131
43.3	105.0	12021.0	200.0	-60.6	99.9	305.5	20.2	16.5	-11.8	336.8	999.9	99.9	999.9	21.6	130
46.4	109.8	12848.5	175.0	-62.5	99.9	306.9	20.6	16.5	-12.4	346.8	999.9	99.9	999.9	25.4	130
50.1	115.2	13808.0	150.0	-57.9	99.9	293.2	20.6	19.0	-8.1	370.4	999.9	99.9	999.9	29.8	129
54.0	121.0	14943.6	125.0	-62.0	99.9	306.3	17.9	14.4	-10.6	382.7	999.9	99.9	999.9	34.6	127
59.2	127.7	16334.6	100.0	-59.6	99.9	309.0	13.0	10.1	-8.2	412.6	999.9	99.9	999.9	39.1	127
65.6	135.2	18138.7	75.0	-59.6	99.9	311.5	8.6	6.4	-5.7	447.6	999.9	99.9	999.9	43.1	127
73.9	143.7	20710.9	50.0	-57.3	99.9	352.6	5.0	0.6	-4.9	508.5	999.9	99.9	999.9	46.4	129
87.4	154.0	25152.2	25.0	-51.4	99.9	999.9	99.9	99.9	99.9	638.9	999.9	99.9	999.9	46.0	133

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

STATION NO 456
TOPEKA, KANSAS

2 MAY 1982
205 GMT

160 8. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	268.0	990.3	13.3	9.9	130.0	2.6	-2.0	1.7	287.3	307.3	7.8	80.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	9.2	400.1	975.0	16.0	8.1	120.5	2.0	-2.4	1.4	291.3	309.8	7.0	59.2	0.1	316
1.2	11.8	620.5	950.0	14.8	7.0	105.5	2.3	-2.2	0.6	292.2	309.9	6.6	59.7	0.2	307
2.0	14.4	845.6	925.0	12.9	4.8	54.5	2.0	-1.7	-1.2	292.5	308.3	5.9	57.9	0.3	296
2.8	17.0	1075.1	900.0	11.0	3.5	17.0	3.1	-0.9	-2.9	292.9	307.7	5.5	59.5	0.3	275
3.6	19.7	1309.6	875.0	8.7	2.3	1.2	3.7	-0.1	-3.7	292.8	306.9	5.2	64.2	0.4	248
4.4	22.3	1548.8	850.0	6.8	1.7	325.8	3.9	2.2	-3.2	293.3	307.2	5.1	70.1	0.4	225
5.2	25.0	1793.2	825.0	4.4	1.1	301.7	4.8	4.1	-2.5	293.3	307.0	5.0	79.2	0.5	198
6.0	27.8	2043.2	800.0	2.0	1.0	288.5	4.2	4.0	-1.3	293.3	307.3	5.2	93.2	0.6	171
7.0	30.6	2300.6	775.0	5.3	-10.0	290.6	1.4	1.3	-0.5	299.5	307.6	2.8	39.9	0.6	158
7.9	33.2	2568.4	750.0	5.4	-17.5	251.7	1.4	1.3	0.4	302.4	306.4	1.3	17.3	0.7	154
8.8	36.0	2844.6	725.0	4.4	-18.0	267.2	1.1	1.1	0.1	304.3	308.3	1.3	17.6	0.7	147
9.9	38.9	3129.3	700.0	2.9	-19.3	337.2	2.2	0.9	-2.1	305.7	309.4	1.2	17.6	0.7	146
10.8	41.7	3422.7	675.0	1.0	-20.8	338.2	4.0	1.5	-3.7	306.8	310.2	1.1	17.7	0.9	150
11.9	44.6	3724.8	650.0	-1.2	-22.6	323.2	4.5	2.7	-3.6	307.6	310.7	1.0	17.8	1.2	150
13.0	47.5	4036.4	625.0	-3.1	-24.5	314.1	4.2	3.0	-2.9	308.9	311.6	0.8	17.3	1.5	148
14.1	50.5	4358.1	600.0	-5.4	-26.2	319.7	3.1	2.0	-2.4	309.9	312.3	0.7	17.5	1.7	146
15.3	53.6	4690.2	575.0	-8.1	-28.3	342.1	3.0	0.9	-2.9	310.5	312.6	0.6	17.7	1.9	146
16.6	56.7	5033.5	550.0	-11.0	-30.3	340.3	3.3	1.1	-3.1	311.1	312.9	0.6	18.4	2.2	148
17.8	59.9	5389.0	525.0	-13.5	-31.8	323.5	4.1	2.5	-3.3	312.2	313.9	0.5	19.6	2.4	149
19.1	63.0	5758.0	500.0	-16.4	-34.2	322.3	5.7	3.5	-4.5	313.1	314.5	0.4	19.7	2.8	148
20.5	66.4	6141.9	475.0	-19.4	-33.9	326.6	7.5	4.1	-6.3	314.0	315.6	0.5	26.2	3.4	147
22.0	69.7	6541.4	450.0	-22.3	-35.4	318.4	9.5	6.3	-7.1	315.3	316.7	0.4	28.8	4.1	147
23.4	73.1	6958.7	425.0	-25.6	-38.8	313.6	11.2	8.1	-7.7	316.1	317.2	0.3	27.6	4.9	144
24.9	76.7	7396.1	400.0	-27.7	-41.5	318.4	12.1	8.0	-9.0	319.0	319.9	0.2	25.1	6.0	143
26.4	80.3	7857.7	375.0	-30.8	-44.3	312.2	12.4	9.2	-8.3	320.9	321.6	0.2	24.8	7.1	142
28.2	84.1	8343.1	350.0	-34.7	-47.3	317.2	13.3	9.0	-9.7	322.0	322.6	0.1	26.1	8.4	140
29.9	88.0	8855.8	325.0	-39.2	-51.1	328.1	15.7	8.3	-13.4	322.7	323.1	0.1	26.7	9.9	141
32.2	92.2	9399.6	300.0	-43.4	99.9	328.2	17.6	9.3	-15.0	324.2	999.9	99.9	999.9	12.2	142
34.4	96.4	9978.6	275.0	-48.7	99.9	325.7	18.3	10.3	-15.1	324.7	999.9	99.9	999.9	14.6	143
36.8	100.8	10596.2	250.0	-54.0	99.9	333.9	20.1	8.8	-18.0	325.9	999.9	99.9	999.9	17.3	144
39.4	105.6	11266.2	225.0	-59.4	99.9	338.6	23.2	8.5	-21.6	327.5	999.9	99.9	999.9	20.5	146
42.0	110.6	11994.5	200.0	-63.7	99.9	329.3	24.0	12.3	-20.6	331.9	999.9	99.9	999.9	24.3	148
44.9	116.2	12814.2	175.0	-63.4	99.9	312.8	22.6	16.6	-15.4	345.3	999.9	99.9	999.9	28.2	147
48.1	122.0	13766.9	150.0	-61.3	99.9	311.9	22.0	16.4	-14.7	364.5	999.9	99.9	999.9	32.4	145
52.1	128.5	14899.7	125.0	-61.7	99.9	314.9	16.5	11.7	-11.6	383.3	999.9	99.9	999.9	36.7	143
56.9	135.3	16286.7	100.0	-61.0	99.9	312.5	13.9	10.3	-9.4	409.9	999.9	99.9	999.9	40.9	142
63.0	143.2	18067.3	75.0	-61.1	99.9	327.2	9.4	5.1	-7.9	444.9	999.9	99.9	999.9	45.2	142
71.3	151.7	20611.0	50.0	-59.2	99.9	5.9	5.3	-0.5	-5.2	504.1	999.9	99.9	999.9	48.5	143
84.2	160.3	25018.3	25.0	-55.4	99.9	328.7	4.7	2.4	-4.0	625.8	999.9	99.9	999.9	48.4	146

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ORIGINAL PAGE IS
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STATION NO 456
TOPEKA, KANSAS

2 MAY 1982
500 GMT

156 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	8.2	268 0	990 5	10.0	8.3	60.0	1 0	-0 9	-0 5	283.9	301.7	7 0	89 0	0 0	0
99 9	99 9	99.9	1000.0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 5	9 5	401 2	975.0	15.7	8.9	138.6	3 8	-2.5	2.8	290 9	310 4	7 4	64 5	0 1	301
1.2	11.7	622.0	950.0	15.5	5.0	138 3	3.7	-2 4	2.7	292 9	308.4	5 8	49 6	0 3	315
2.1	14.0	847 3	925 0	13.3	4.2	127.5	2 9	-2 3	1.7	293.0	308 1	5 6	53 9	0 4	314
2.9	16.3	1077 2	900 0	11.1	3.3	80.3	1 7	-1.7	-0.3	293 0	307.6	5 4	58 3	0 6	310
3 8	18.6	1311.6	875.0	9.0	2.5	341 0	1 4	0.4	-1.3	293 1	307.3	5 2	63 6	0 6	304
4.7	21 0	1550.9	850.0	6.9	2.2	286 6	3 2	3.1	-0 9	293.4	307 7	5 3	71 9	0 4	308
5 5	23.4	1795.8	825.0	4.6	2.6	289.5	3.6	3.4	-1.2	293.7	308 8	5 6	85 6	0 3	322
6 5	25 9	2045 6	800 0	2.3	-15.2	297 7	2.2	2.0	-1.0	293 6	298 2	1 6	27 8	0 1	356
7 3	28 3	2305 4	775.0	6.8	-12.6	289.8	1.9	1.8	-0.6	301 1	306 7	1 9	23 5	0 1	28
8.3	30.9	2574 3	750.0	6.4	-12.7	274.9	3.5	3.5	-0.3	303.5	309 3	1 9	24 0	0 3	65
9.3	33 4	2851 5	725.0	4.7	-14.1	298.1	3.1	2.8	-1.5	304.6	310.0	1 8	24.0	0 4	83
10.2	36.0	3136 2	700 0	2.8	-15.7	309.7	2.5	1.9	-1.6	305 6	310.5	1 6	24 1	0 6	94
11.3	38 7	3429 8	675.0	1.2	-17 0	319 9	2 1	1.3	-1.6	307.0	311 6	1 5	24 2	0 7	102
12.4	41.4	3732.1	650.0	-0.9	-18.8	329.2	2 2	1.1	-1.9	307.9	312 1	1 3	24 2	0 8	109
13.5	44.2	4044.1	625.0	-2.7	-19.9	343 1	1 4	0.4	-1.4	309.3	313 3	1 3	25 1	0 9	115
14.6	47.1	4366.0	600.0	-5.2	-21.7	0.5	1.4	-0.0	-1.4	310.1	313 6	1 1	25 8	0 9	119
15.8	50.0	4698 8	575.0	-7.2	-23.7	354.0	1.7	0.2	-1.7	311.5	314 7	1.0	25 4	1 0	125
16.9	53.1	5043 4	550 0	-10.0	-26.0	342 5	3 4	1 0	-3 2	312 3	315 0	0 8	25 4	1 1	130
18.2	56.3	5400.3	525.0	-12.8	-27 7	352 3	6.4	0.9	-6 4	313 1	315 6	0 7	27 3	1 4	139
19.5	59.5	5770.5	500.0	-16 1	-29.7	349.7	8.0	1 4	-7.8	313 5	315.6	0 6	29.6	1 9	149
20.7	62.8	6154.5	475 0	-19.2	-31.6	339.1	8.8	3.2	-8.3	314.2	316 1	0 6	32 4	2 5	153
22.0	66.1	6554.5	450.0	-22 2	-34.1	331.3	10 2	4.9	-9 0	315.4	317 0	0 5	32 8	3 2	153
23.5	69.7	6972.6	425.0	-24.0	-37.4	323.9	10 9	8.4	-8.8	318.2	319.5	0 4	27 5	4 2	152
25.0	73 4	7413.0	400.0	-26.6	-40.3	317.5	14 2	9.6	-10.5	320 4	321 4	0 3	25 9	5 3	149
26.6	77.3	7875 8	375.0	-30.0	-42.7	318 3	15.6	10.4	-11.7	321 8	322.7	0.2	27 7	6 8	148
28.4	81.3	8363.3	350.0	-34.1	-45.7	322.4	16.3	10 0	-12.9	322.8	323 5	0 2	29 4	8 5	145
30.3	85.5	8877 3	325.0	-38.7	-48.9	321 5	18.0	11 2	-14 1	323 4	323 9	0 1	32 8	10 4	145
32.3	90.0	9421.9	300.0	-42.9	99.9	320.8	19.1	12.0	-14.8	324 9	999.9	99 9	999 9	12 6	144
34.5	94.6	10002.1	275.0	-48.1	99.9	324.9	20.8	12 0	-17.0	325 6	999 9	99 9	999 9	15.3	144
36.7	99.4	10623.7	250.0	-53.0	99.9	330 7	23 7	11 6	-20 7	327.3	999 9	99 9	999 9	18 1	144
39.2	104.8	11293.9	225 0	-58.9	99.9	331.6	26.2	12.5	-23 1	328.3	999 9	99 9	999.9	21 9	145
41.7	110.3	12023.7	200.0	-64.2	99.9	335.3	26.4	11 0	-23 9	331 2	999 9	99 9	999 9	26.0	147
44.8	116 2	12840.1	175 0	-64.0	99.9	323 2	24.8	14.9	-19 8	344 4	999 9	99 9	999 9	30 5	147
48.0	122.3	13794.7	150.0	-61 4	99.9	322 9	22 2	13 4	-17.7	364 3	999 9	99 9	999 9	35 2	147
52.2	129.0	14924.1	125.0	-61.6	99.9	316.6	16 4	11 3	-11 9	383 4	999 9	99 9	999 9	39 7	146
57.2	136.2	16305.4	100.0	-62.2	99.9	314.2	14 5	10 4	-10 1	407 7	999 9	99 9	999 9	44 2	144
63.4	143 7	18089.9	75.0	-59.2	99.9	326 2	9 4	5.3	-7 [illegible]	448 9	999 9	99 9	999 9	48 9	144
72.0	151.7	20639.5	50.0	-58 7	99 9	288 5	5 3	5 0	-1.7	505.4	999.9	99 9	999.9	51.5	144
85.7	160.0	25044.9	25.0	-53.8	99 9	137.6	3.9	-2 6	2 9	630 0	999 9	99 9	999 9	51 4	148

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ORIGINAL PAGE IS
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STATION NO. 456
TOPEKA, KANSAS

2 MAY 1982
1105 GMT

158 9 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	268.0	991.0	10.0	8.9	90.0	2.1	2.1	0.0	283.9	302.4	7.3	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	8.5	405.0	975.0	14.1	8.1	999.9	99.9	99.9	99.9	289.4	307.7	7.0	67.8	999.9	999
1.2	10.6	625.0	950.0	15.1	6.0	999.9	99.9	99.9	99.9	292.5	309.1	6.2	54.7	999.9	999
1.9	12.7	850.2	925.0	13.3	4.8	999.9	99.9	99.9	99.9	292.9	308.6	5.8	56.2	999.9	999
2.8	14.9	1080.1	900.0	11.5	4.1	999.9	99.9	99.9	99.9	293.4	308.8	5.7	60.2	999.9	999
3.6	17.1	1314.8	875.0	9.3	3.1	999.9	99.9	99.9	99.9	293.4	308.3	5.5	65.2	999.9	999
4.5	19.3	1554.4	850.0	7.1	2.3	999.9	99.9	99.9	99.9	293.6	308.0	5.3	71.6	999.9	999
5.2	21.5	1799.2	825.0	4.7	1.6	999.9	99.9	99.9	99.9	293.5	307.7	5.2	80.2	999.9	999
6.1	23.9	2049.2	800.0	2.4	-0.6	999.9	99.9	99.9	99.9	293.7	308.2	4.6	80.6	999.9	999
7.0	26.2	2305.0	775.0	0.3	-5.1	999.9	99.9	99.9	99.9	294.1	305.4	4.1	81.1	999.9	999
7.9	28.6	2569.7	750.0	4.7	-21.0	999.9	99.9	99.9	99.9	301.7	304.7	1.0	13.4	999.9	999
9.0	31.0	2845.2	725.0	3.9	-16.1	999.9	99.9	99.9	99.9	303.8	308.4	1.5	21.5	999.9	999
10.0	33.6	3128.9	700.0	1.5	-19.4	999.9	99.9	99.9	99.9	304.1	307.8	1.2	19.4	2.1	74
11.2	36.1	3420.9	675.0	0.6	-22.1	257.6	4.4	4.3	0.9	306.3	309.4	1.0	16.2	2.5	74
12.3	38.8	3722.9	650.0	-0.8	-24.3	266.0	4.0	4.0	0.3	308.1	310.7	0.8	14.8	2.7	75
13.4	41.4	4034.9	625.0	-2.9	-26.0	275.2	4.1	4.1	-0.4	309.2	311.5	0.7	14.8	3.0	76
14.5	44.3	4356.9	600.0	-5.1	-27.7	281.2	4.2	4.2	-0.8	310.2	312.4	0.6	14.9	3.2	78
15.7	47.1	4689.5	575.0	-7.3	-29.1	286.6	5.8	5.5	-1.7	311.5	313.5	0.6	15.4	3.6	80
16.9	50.1	5034.7	550.0	-9.8	-31.1	297.7	6.4	5.7	-3.0	312.4	314.2	0.5	15.6	3.9	84
18.2	53.1	5391.5	525.0	-12.9	-33.3	300.4	7.4	6.4	-3.8	313.0	314.4	0.4	16.0	4.4	88
19.6	56.3	5761.2	500.0	-16.3	-34.5	295.2	8.0	7.2	-3.4	313.1	314.5	0.4	19.0	4.9	92
21.1	59.5	6145.0	475.0	-18.9	-37.0	306.1	8.7	7.0	-5.1	314.6	315.8	0.3	18.3	5.6	95
22.6	62.9	6545.0	450.0	-22.3	-38.9	321.8	10.0	6.2	-7.8	315.2	316.3	0.3	20.3	6.3	100
24.1	66.3	6963.9	425.0	-24.0	-41.8	340.3	11.3	3.8	-10.7	318.3	319.1	0.2	17.3	6.9	106
25.8	70.0	7402.4	400.0	-28.1	-43.9	338.1	11.7	4.3	-10.8	318.5	319.2	0.2	20.2	7.6	114
27.6	73.8	7862.3	375.0	-30.9	-47.1	338.7	12.9	4.7	-12.0	320.7	321.3	0.1	18.3	8.6	120
29.5	77.7	8349.4	350.0	-33.1	-49.0	333.0	16.0	7.3	-14.2	324.2	324.7	0.1	18.4	10.0	125
31.5	81.8	8864.9	325.0	-37.9	-52.8	329.4	18.2	9.3	-15.7	324.4	324.8	0.1	19.1	11.9	129
33.5	86.2	9411.5	300.0	-42.2	99.9	330.8	21.6	10.5	-18.9	325.9	999.9	99.9	999.9	14.1	133
35.8	90.8	9994.3	275.0	-46.8	99.9	332.6	23.9	11.0	-21.2	327.5	999.9	99.9	999.9	17.1	136
38.2	95.8	10618.9	250.0	-52.1	99.9	334.4	25.3	10.9	-22.8	328.7	999.9	99.9	999.9	20.5	139
40.8	101.0	11292.3	225.0	-57.4	99.9	332.9	25.7	11.7	-22.9	330.5	999.9	99.9	999.9	24.4	142
43.7	106.6	12026.9	200.0	-62.5	99.9	332.1	27.4	12.8	-24.2	333.8	999.9	99.9	999.9	28.8	143
46.9	113.0	12843.3	175.0	-64.2	99.9	328.2	26.1	13.8	-22.2	343.9	999.9	99.9	999.9	34.2	145
50.6	119.5	13794.5	150.0	-61.1	99.9	321.4	19.6	12.2	-15.3	364.9	999.9	99.9	999.9	39.0	145
55.0	126.5	14930.9	125.0	-60.4	99.9	317.3	18.1	12.3	-13.3	385.7	999.9	99.9	999.9	43.9	144
60.3	134.0	16320.8	100.0	[illegible]	99.9	322.7	15.4	9.3	-12.2	410.8	999.9	99.9	999.9	49.5	143
66.5	141.7	18116.4	75.0	[illegible]	99.9	329.9	11.4	5.7	-9.9	446.6	999.9	99.9	999.9	54.5	143
75.1	150.0	20664.9	50.0	[illegible]	99.9	21.1	6.2	-2.2	-5.8	511.8	999.9	99.9	999.9	59.1	145
88.4	158.7	25118.1	25.0	[illegible]	99.9	103.5	3.9	-3.8	0.9	637.7	999.9	99.9	999.9	59.3	148

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

STATION NO 469
DENVER, COLORADO

1 MAY 1982
1115 GMT

147 10 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	21.2	1611.0	840.2	5 0	0.6	300.0	1.6	1 4	-0 8	292 4	305.3	4 8	73 0	0 0	0
99.9	99.9	99.9	1000.0	99 9	99.9	99.9	99.9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	975.0	99 9	99 9	99.9	99.9	99.9	99 9	99.9	999.9	99.9	999.9	999 9	999
99.9	99.9	99 9	950 0	99 9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	900.0	99 9	99.9	99.9	99.9	99.9	99 9	99.9	999.9	99.9	999.9	999 9	999
99.9	99.9	99.9	875.0	99 9	99.9	99 9	99.9	99.9	99.9	99 9	999.9	99 9	999 9	999 9	999
99.9	99 9	99.9	850.0	99.9	99.9	99.9	99.9	99 9	99 9	99 9	999.9	99.9	999.9	999 9	999
0.4	22 6	1761.3	825.0	7 3	1.5	999.9	99.9	99 9	99 9	296 4	310 6	5 2	66 4	0 1	109
1.2	25.0	2015.2	800 0	8.1	2.5	999.9	99.9	99 9	99 9	299 8	315.7	5 7	67 5	999 9	999
2.1	27.5	2278.1	775 0	8 4	0.2	999.9	99.9	99.9	99 9	302 9	317.3	5 1	57.4	999 9	999
3.0	30.0	2549.9	750 0	9 9	-4 5	999.9	99.9	99.9	99 9	307 3	318 1	3.7	35.9	0	127
3.9	32.5	2831.1	725 0	8 4	-7.4	299.1	4 0	3.5	-1 9	308 7	317 8	3 0	31.6	0	125
4.8	35.1	3119.7	700.0	5.7	-7.7	297.7	6.7	5.9	-3.1	308.8	318 0	3 1	37 3	1 0	123
5.8	37.7	3416.1	675.0	3.3	-7.5	296.4	7.9	7 1	-3 5	309 4	319 1	3 2	44 9	1 4	121
6.8	40.4	3720.9	650.0	0.7	-8.5	293.7	7.5	6 9	-3.0	309 8	319 0	3 1	50 0	1 9	119
7.9	43.3	4034.4	625.0	-2.1	-11.4	297.5	7.0	6.2	-3.2	310 1	317 9	2 6	48 6	2 4	119
8.9	46.1	4357.2	600.0	-4.9	-13.6	296.2	7.1	6.4	-3.1	310 4	317 3	2 2	50 4	2 8	119
10.0	49.1	4690.3	575.0	-7.9	-14.3	292.9	7.4	6.8	-2 9	310 7	317 5	2 2	60 2	3 3	118
11.2	52.1	5034.1	550.0	-10 8	-17.2	282 0	6.6	6.5	-1 4	311.2	316 9	1 8	59 5	3 8	117
12 5	55.3	5390.2	525.0	-13 3	-23.3	271.0	7.1	7.1	-0 1	312 5	316 2	1 2	44 3	4 2	114
13.6	58 5	5760.8	500.0	-15.4	-33.9	275.4	7 4	7.3	-0 7	314 3	315 8	0 4	18 6	4 7	112
14.9	61.9	6145.9	475 0	-18.6	-29.3	275.1	8.4	8.4	-0 7	314.9	317 3	0.7	38 3	5 3	110
16 1	65.3	6546.6	450.0	-22.0	-30.5	273.2	9.4	9.4	-0.5	315 6	317 8	0 7	45 9	5 9	109
17.5	68.9	6963.9	425 0	-26.0	-33.2	280.0	9.2	9.1	-1 6	315 7	317 6	0 5	50 3	6 7	107
19.0	72.6	7400.9	400.0	-28 0	-44.7	283.3	11.5	11.2	-2 7	318 6	319 2	0.2	18 5	7 6	107
20.7	76.4	7861 0	375 0	-31 5	-49.2	283.4	14.1	13.7	-3 3	320 0	320 4	0 1	15 4	8 9	106
22.6	80.5	8345.8	350 0	-34 9	-52.1	292.6	14.3	13.2	-5 5	321 7	322 1	0.1	15 3	10 5	106
24.4	84.8	8859.3	325.0	-38 5	-55.1	298.8	13.7	12.0	-6 6	323 7	323.9	0 1	15 2	12 1	107
26.3	89.2	9405.1	300 0	-42.3	99.9	299.7	13.4	11.7	-6 7	325 8	999 9	99.9	999.9	13 5	109
28.2	94.0	9987.4	275 0	-46.9	99.9	299.3	15.5	13.5	-7 6	327 3	999.9	99 9	999.9	15 1	110
30 2	98.8	10612.2	250 0	-51 9	99 9	300.9	16.4	14.1	-8 4	329 0	999 9	99 9	999 9	17 0	111
32.9	104.2	11285.3	225 0	-57 6	99.9	304.2	16.4	13.6	-9 2	330 2	999 9	99 9	999 9	19 7	113
35.7	110 0	12024.0	200.0	-61 5	99.9	305 3	14 5	11.8	-8 4	335 4	999 9	99 9	999 9	22 2	114
38.7	116.0	12844.4	175.0	-64.7	99.9	300.1	14 3	12.4	-7 2	343 1	999 9	99 9	999 9	24 9	115
41.6	122.5	13790.8	150.0	-63 4	99.9	291.6	13 2	12 3	-4 9	361 0	999.9	99 9	999 9	27 1	115
45.7	129.5	14920.2	125 0	-61 3	99 9	284.9	11.1	10 7	-2 9	384 0	999 9	99 9	999 9	30 0	114
50.3	136.7	16300.6	100 0	-61 8	99.9	298.5	15.4	13 5	-7 3	408 4	999 9	99 9	999 9	34 2	114
56.6	144.7	18096.6	75 0	-60 1	99 9	303.4	8 6	7.4	-4 9	447 0	999.9	99 9	999 9	38 8	116
65.8	153.3	20656.6	50 0	-57 2	99 9	343.7	4.4	1.2	-4 2	508 7	999 9	99 9	999 9	41 3	117
79.5	162.0	25085.0	25 0	-52 1	99.9	57.0	3.9	-3 3	-2 1	635 0	999 9	99.9	999 9	40 5	121

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

STATION NO. 469
DENVER, COLORADO

1 MAY 1982
1415 GMT

141 23 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.4	1611.0	840.8	10.6	2.2	190.0	1.6	0.3	1.6	298.2	313.0	5.4	56.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	22.8	1768.4	825.0	8.3	2.2	287.9	2.1	2.0	-0.6	297.3	312.3	5.5	65.6	0.1	23
1.5	25.2	2022.9	800.0	9.2	1.4	283.3	2.0	2.0	-0.5	300.9	315.8	5.3	58.5	0.1	53
2.4	27.6	2288.0	775.0	12.5	-4.8	319.6	3.6	2.3	-2.7	307.3	317.5	3.5	29.6	0.3	85
3.3	30.2	2562.2	750.0	11.2	-6.4	343.8	4.0	1.1	-3.9	308.8	318.2	3.2	28.4	0.4	120
4.2	32.7	2844.1	725.0	8.9	-6.5	341.9	4.6	1.4	-4.4	309.2	318.9	3.2	32.9	0.6	137
5.1	35.3	3133.2	700.0	6.2	-6.6	336.6	5.5	2.2	-5.1	309.4	319.3	3.3	39.4	0.8	145
6.1	37.9	3430.0	675.0	3.7	-7.8	335.1	6.3	2.7	-5.7	309.8	319.2	3.2	42.7	1.2	148
7.1	40.7	3735.2	650.0	1.0	-9.2	335.4	5.0	2.1	-4.5	310.1	319.0	2.9	46.4	1.5	149
8.1	43.4	4049.0	625.0	-1.9	-10.4	339.7	4.9	1.7	-4.6	310.3	318.7	2.8	52.3	1.8	150
9.2	46.3	4371.9	600.0	-5.0	-12.1	347.7	5.5	1.2	-5.4	310.4	318.0	2.5	57.3	2.2	153
10.4	49.3	4705.1	575.0	-7.5	-15.0	339.0	5.2	1.9	-4.9	311.2	317.6	2.1	54.5	2.5	155
11.7	52.4	5049.4	550.0	-10.5	-16.4	314.0	5.7	4.1	-4.0	311.6	317.6	1.9	61.9	2.9	154
12.9	55.4	5406.2	525.0	-12.4	-21.4	292.1	5.5	5.1	-2.1	313.5	317.7	1.3	47.0	3.3	151
13.9	58.6	5777.2	500.0	-14.9	-24.8	271.2	7.2	7.1	-0.1	314.9	318.3	1.0	42.3	3.5	146
15.1	62.0	6162.8	475.0	-18.4	-26.9	258.0	8.8	8.6	1.8	315.3	318.2	0.9	46.6	3.8	138
16.4	65.4	6563.7	450.0	-22.1	-27.1	261.9	10.2	10.1	1.4	315.4	318.4	0.9	63.7	4.2	130
17.8	69.0	6981.4	425.0	-25.2	-27.6	280.0	12.0	11.8	-2.1	316.7	319.8	0.9	80.0	5.0	123
19.4	72.7	7420.1	400.0	-26.8	-43.2	304.4	10.0	8.2	-5.8	320.1	320.9	0.2	19.5	6.1	120
21.1	76.7	7883.9	375.0	-29.4	-46.3	319.5	8.4	5.4	-6.4	322.7	323.3	0.2	17.5	6.9	122
22.6	80.7	8373.3	350.0	-32.7	-48.9	310.4	10.2	7.8	-6.6	324.7	325.1	0.1	17.9	7.7	124
24.3	85.0	8890.4	325.0	-37.2	-51.4	303.4	11.5	9.6	-6.3	325.5	325.9	0.1	20.8	8.8	124
26.0	89.4	9438.3	300.0	-42.0	99.9	302.1	12.8	10.8	-6.8	326.2	999.9	99.9	999.9	10.0	124
27.8	94.2	10021.3	275.0	-47.1	99.9	303.4	14.9	12.5	-8.2	327.1	999.9	99.9	999.9	11.6	124
29.7	99.0	10645.3	250.0	-52.2	99.9	298.8	14.7	12.9	-7.1	328.5	999.9	99.9	999.9	13.3	123
31.9	104.3	11320.5	225.0	-56.2	99.9	310.9	14.5	10.9	-9.5	332.5	999.9	99.9	999.9	15.2	123
34.4	110.0	12060.7	200.0	-61.1	99.9	305.1	15.3	12.6	-8.8	336.0	999.9	99.9	999.9	17.4	124
37.0	115.7	12881.7	175.0	-64.3	99.9	298.4	14.2	12.5	-6.7	343.8	999.9	99.9	999.9	19.8	124
40.3	122.2	13833.8	150.0	-60.8	99.9	292.0	12.1	11.2	-4.5	365.4	999.9	99.9	999.9	22.3	123
44.0	129.0	14967.8	125.0	-62.2	99.9	292.1	15.1	14.0	-5.7	382.3	999.9	99.9	999.9	24.9	122
48.8	136.3	16355.4	100.0	-59.2	99.9	309.4	13.3	10.3	-8.5	413.4	999.9	99.9	999.9	30.0	122
55.1	144.0	18170.2	75.0	-58.6	99.9	322.4	7.6	4.6	-6.0	450.0	999.9	99.9	999.9	33.3	123
62.8	152.0	20719.3	50.0	-56.6	99.9	310.8	6.3	4.8	-4.1	510.2	999.9	99.9	999.9	35.8	125
75.4	160.3	25175.3	25.0	-51.3	99.9	999.9	99.9	99.9	99.9	637.5	999.9	99.9	999.9	999.9	999

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144 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.9	1611 0	840.3	17.8	1 7	110 0	1 8	-1 5	0.5	305 8	320 6	5 2	34 0	0 0	0
99.9	99 9	99 9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999 9	999
99.9	99.9	99.9	975.0	99.9	99 9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	950.0	99.9	99.9	99.9	99 9	99.9	99 9	99.9	999.9	99.9	999.9	999 9	999
99.9	99.9	99 9	925.0	99.9	99 9	99.9	99 9	99 9	99 9	99.9	999 9	99.9	999 9	999 9	999
99.9	99.9	99 9	900.0	99.9	99.9	99.9	99.9	99.9	99 9	99.9	999 9	99 9	999.9	999 9	999
99.9	99 9	99 9	875.0	99 9	99 9	99 9	99 9	99 9	99 9	99.9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	850.0	99.9	99 9	99.9	99.9	99.9	99.9	99 9	999.9	99 9	999 9	999 9	999
0.7	24.6	1767.7	825.0	16.1	1.3	63.8	3 0	-2.7	-1.3	305.7	320.3	5 1	36 6	0 1	273
1.6	27 1	2027 9	800.0	13.8	0 3	10.2	3 2	-0 6	3 1	305 9	320 0	4 9	39 7	0 2	243
2 7	29.8	2295 6	775.0	13.5	-4.3	324.8	2 9	1 6	-2 3	308.3	318 9	3 6	28 9	0 3	202
3.6	32.4	2570 6	750.0	11.4	-5.3	353.9	1 9	0.2	-1.9	309.0	319 2	3 4	30 6	0 4	189
4.7	35.2	2852 5	725.0	9.0	-6 5	28.8	2 4	-1 2	-2 1	309 3	319 0	3 2	32 6	0 5	193
5.6	38.0	3141.6	700.0	6.4	-6.8	27.7	2.1	-1.0	-1.9	309 6	319.4	3 3	38.3	0 7	196
6.6	40.8	3438.6	675.0	3.6	-7.3	31.4	2.4	-1 3	-2 1	309.7	319.5	3 3	44.6	0 8	198
7.6	43 7	3743 6	650.0	1.0	-8.2	0.3	2 6	-0 0	-2 6	310 1	319.6	3 2	50 1	0 9	199
8.6	46.6	4057.7	625.0	-1.8	-10.6	317.9	3.4	2.3	-2.5	310.4	318 6	2 7	50 8	1 1	192
9.7	49.5	4381.0	600.0	-4.3	-12.2	305.5	3.9	3.2	-2 3	311 2	318 8	2 5	53 7	1 2	182
10.8	52.5	4715.3	575.0	-6.8	-14.0	294 7	4.5	4 1	-1 9	312 1	319.0	2 2	56 0	1 3	172
11.8	55.5	5060.4	550.0	-9.9	-16.1	293.1	6 4	5.9	-2 5	312 3	318 5	2 0	60.7	1 5	161
13.0	58.6	5417.9	525.0	-12.4	-17.2	287.9	8.4	8 0	-2.6	313 6	319 5	1 9	67 1	2 0	149
14.4	61.8	5789.0	500 0	-15.2	-18.9	272.5	8 4	8 4	-0.4	314 6	320 0	1 7	72 9	2 5	137
15.9	65.0	6174.9	475.0	-17.5	-22 1	267.7	9.4	9.4	0.4	316.4	320 8	1 4	67 2	3 0	125
17.5	68.4	6577.8	450.0	-20.8	-27 2	267.8	10.9	10 8	0.4	317.1	320 2	0 9	56 3	3 9	117
19.0	71.8	6999 2	425.0	-22.7	-41.1	271.0	9 7	9.7	-0 2	319 9	320.7	0 2	16 6	4 7	111
20.4	75.3	7442.0	400.0	-24.9	-43 3	285.1	7 3	7 1	-1.9	322.7	323.4	0 2	16 0	5 4	109
21.9	79.0	7907 6	375.0	-28.7	-46.3	290 6	7 2	6 7	-2 5	323 6	324 2	0 2	16 3	6 0	109
23.5	82.7	8398 0	350.0	-32.5	-48.5	291.5	7 3	6 8	-2.7	324 9	325 4	0 1	18.3	6 7	109
25.4	86.6	8916 0	325.0	-36.7	-49 1	296.4	7 5	6 7	-3 3	326.2	326 7	0 1	26 0	7 6	110
27.7	90.7	9464 4	300.0	-41.6	99.9	313 0	8 7	6 4	-5.9	326.8	999 9	99 9	999 9	8 6	112
29.8	94.8	10049 1	275.0	-45.7	99 9	317.2	7 6	5.2	-5 6	329 0	999 9	99 9	999.9	9 6	114
32.0	99.4	10676 6	250.0	-51.1	99 9	321 0	7 4	4 7	-5 7	330 1	999 9	99 9	999 9	10 5	117
34.3	104.0	11354 0	225 0	-55 6	99.9	311.5	10.6	7.9	-7 0	333.4	999 9	99 9	999 9	11 6	119
37.1	109 0	12096 6	200.0	-60.8	99.9	295 7	13 2	11.9	-5 7	336 5	999 9	99 9	999.9	13 6	119
40 0	114.5	12918 5	175 0	-65.0	99.9	294.6	13 4	12 2	-5.8	342 7	999 9	99 9	999 9	16 1	118
43.6	120.2	13868 1	150.0	-60.9	99.9	286 1	14.5	14.0	-4.0	365.2	999 9	99 9	999 9	18 9	117
47.7	126.7	15001 3	125.0	-61.9	99.9	294.7	15.2	13 8	-6.3	382 9	999 9	99 9	999 9	22 3	116
52.7	134.0	16398 2	100 0	-56.1	99.9	313.2	11.6	8.6	-8 1	419.4	999.9	99 9	999.9	27 2	117
58 4	142.0	18208 0	75.0	-59.3	99.9	309 1	7 1	5 5	-4 5	448 5	999 9	99 9	999 9	29 5	119
66 4	151.0	20773.6	50.0	-56.1	99.9	281.8	4 6	4 7	-1.0	511.4	999 9	99 9	999 9	31 6	121
78 3	160.5	25238 5	25.0	-50.8	99.9	999.9	99 9	99.9	99.9	636 8	999 9	99 9	999 9	30 4	123

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 469
DENVER, COLORADO

1 MAY 1982
2015 GMT

150 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.8	1611.0	838.7	23.3	-2.3	160.0	2.8	-0.9	2.4	311.8	323.2	3.8	18.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.0	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	23.1	1753.7	825.0	21.3	-4.6	999.9	99.9	99.9	99.9	311.1	321.0	3.3	17.2	999.9	999
1.1	25.6	2018.7	800.0	19.1	-4.9	999.9	99.9	99.9	99.9	311.5	321.5	3.3	19.2	999.9	999
1.5	28.1	2289.7	775.0	16.4	-5.4	999.9	99.9	99.9	99.9	311.5	321.4	3.3	21.8	0.4	355
2.2	30.7	2567.1	750.0	13.7	-5.4	200.4	3.2	1.1	3.0	311.5	321.7	3.4	26.2	0.6	1
2.8	33.3	2851.3	725.0	11.1	-5.5	197.7	1.9	0.6	1.8	311.7	322.2	3.5	30.8	0.6	4
3.3	36.0	3142.4	700.0	8.0	-5.2	148.6	1.3	-0.7	1.1	311.3	322.4	3.7	38.6	0.7	4
4.0	38.7	3441.1	675.0	5.1	-5.6	120.7	1.0	-0.9	0.5	311.3	322.5	3.7	45.9	0.7	359
4.8	41.5	3747.6	650.0	1.8	-6.6	198.0	0.9	0.3	0.8	311.0	321.7	3.6	53.7	0.7	358
5.8	44.4	4062.3	625.0	-1.5	-7.1	212.4	1.4	0.8	1.2	310.8	321.5	3.6	65.4	0.8	2
6.9	47.3	4386.1	600.0	-4.7	-6.9	141.8	0.7	-0.5	0.6	310.7	322.0	3.8	84.8	0.8	4
7.8	50.4	4719.7	575.0	-7.6	-8.0	39.0	1.1	-0.7	-0.8	311.1	322.0	3.6	96.5	0.8	1
8.6	53.5	5064.6	550.0	-9.4	-9.6	293.3	2.3	2.1	-0.9	312.9	323.1	3.4	98.2	0.8	1
9.6	56.6	5423.4	525.0	-11.6	-11.9	265.0	8.0	8.0	0.7	314.4	323.4	2.9	97.8	0.9	22
11.0	60.0	5795.3	500.0	-14.4	-16.5	271.3	10.6	10.6	-0.2	315.4	322.0	2.1	84.2	1.4	55
12.5	63.4	6182.7	475.0	-17.4	-20.3	267.6	10.5	10.5	0.4	316.5	321.7	1.6	78.4	2.3	69
14.0	66.9	6585.8	450.0	-19.7	-23.0	258.3	10.4	10.2	2.1	318.5	322.8	1.3	74.7	3.2	73
15.4	70.6	7006.5	425.0	-23.6	-40.4	262.9	10.0	10.0	1.2	318.7	319.7	0.3	19.5	4.1	74
16.8	74.3	7448.1	400.0	-25.5	-42.5	279.7	8.0	7.9	-1.4	321.9	322.7	0.2	18.5	4.8	77
18.3	78.3	7913.1	375.0	-28.8	-45.1	282.5	7.3	7.2	-1.6	323.5	324.2	0.2	18.8	5.4	80
20.0	82.5	8403.3	350.0	-32.6	-46.7	291.1	8.7	8.1	-3.1	324.8	325.4	0.2	22.8	6.1	83
21.7	86.8	8921.2	325.0	-36.6	-47.3	300.2	8.7	7.5	-4.3	326.2	326.8	0.2	31.7	6.9	87
23.6	91.4	9470.4	300.0	-40.8	99.9	303.0	7.6	6.4	-4.2	327.9	999.9	99.9	999.9	7.7	91
25.7	96.2	10056.7	275.0	-45.4	99.9	298.1	8.3	7.4	-3.9	329.5	999.9	99.9	999.9	8.6	94
28.1	101.4	10685.2	250.0	-50.7	99.9	301.7	6.3	7.1	-4.4	330.7	999.9	99.9	999.9	9.7	97
30.5	106.6	11364.6	225.0	-55.2	99.9	296.0	8.8	7.9	-3.9	333.9	999.9	99.9	999.9	10.8	100
33.1	112.5	12107.1	200.0	-60.7	99.9	292.0	11.7	10.9	-4.4	336.7	999.9	99.9	999.9	12.3	102
36.1	118.7	12926.6	175.0	-66.0	99.9	293.4	13.6	12.5	-5.4	341.0	999.9	99.9	999.9	14.5	103
39.4	125.5	13875.6	150.0	-60.7	99.9	290.5	15.9	14.9	-5.6	365.6	999.9	99.9	999.9	17.6	105
43.6	132.5	15009.0	125.0	-61.0	99.9	294.9	14.5	13.2	-6.1	384.6	999.9	99.9	999.9	21.1	105
48.6	140.0	16401.8	100.0	-58.3	99.9	300.6	12.0	10.3	-6.1	415.1	999.9	99.9	999.9	25.6	109
54.8	148.3	18204.5	75.0	-59.6	99.9	298.1	7.3	6.5	-3.5	448.1	999.9	99.9	999.9	28.2	110
62.9	157.0	20759.6	50.0	-57.9	99.9	315.8	3.6	2.5	-2.6	507.0	999.9	99.9	999.9	29.7	111
75.2	165.7	25217.7	25.0	-51.2	99.9	993.9	99.9	99.9	99.9	638.0	999.9	99.9	999.9	29.6	115

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

STATION NO. 489
DENVER, COLORADO

1 MAY 1982
2300 GMT

125 80 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21 8	1611 0	837.3	24 4	-3 0	100 0	6.2	-6.1	1.1	313 1	324 1	3 7	16.0	0 0	0
99.9	99 9	99.9	1000.0	99 9	99 9	99 9	99.[illegible]	99.9	99.9	99 9	999 9	99 9	999.9	999 9	999
99 9	99 9	99.9	975.0	99.9	99 9	99 9	99	99 9	99.9	99.9	999 9	99 9	999.9	999 9	999
99.9	99 9	99.9	950.0	99.9	99 9	99 9	99.[illegible]	99.9	99.9	99 9	999 9	99 9	999.9	999 9	999
99.9	99 9	99.9	925.0	99.9	99 9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999.9	999 9	999
99.9	99.9	[illegible].9	900.0	99.9	99 9	99 9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	875 0	99.9	99 9	99 9	99 9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	850.0	99 9	99 9	99 9	99.9	99.9	99 9	99.9	999 9	99 9	999 9	999 9	999
0 5	23 0	1739.2	825.0	21.1	-4 3	93 1	6 5	-6.4	0 4	310.9	321.0	3 4	17 8	0 2	267
1 4	25 5	2003.8	800.0	18.3	-5 2	99 0	6.1	-6.0	1 0	310.7	320 4	3 3	19.7	0 6	272
2 2	28 0	2274.0	775.0	15 6	-5 8	105 6	4.9	-4.7	1 3	310 6	320 2	3 2	22 3	0 9	275
3 0	30 5	2550.7	750.0	13 0	-6 0	118 0	4.9	-4.3	2.3	310.7	320 5	3 3	26 1	1 1	278
3 8	33 1	2834.0	725.0	10 3	-6 1	134 0	5 3	-3.8	3.7	310.8	320 8	3 3	30.8	1 3	283
4.5	35 7	3124.7	700.0	7 6	-6 5	154 8	4 9	-2 1	4 5	311 0	321 1	3 4	36 0	1 5	289
5.2	38 4	3422.8	675.0	4.7	-6 9	175 8	4.6	-0.3	4.6	310 9	321 0	3 4	42.6	1 6	295
6.2	41.2	3729.0	650.0	2.0	-7 2	169.6	3 9	-0.7	3.8	311.2	321.5	3 4	50 6	1 7	302
7.1	44.0	4043.7	625.0	-1.1	-7.3	180 9	3.2	0.0	3.2	311.2	321 7	3.5	62 6	1 9	306
8.2	46.9	4367.7	600.0	-4.1	-7.6	196.2	2.9	0.8	2 8	311 3	322 1	3.6	76.6	1 9	311
9.1	49.9	4701.7	575.0	-7.4	-8.8	214.7	2.6	1.5	2.1	311.3	321 6	3 4	89 8	2 0	315
10.2	53 0	50[illegible]3.5	550.0	-10 1	-10 8	255 9	2 1	2.1	0 5	312.1	321 3	3 0	94 7	2 0	320
11 6	56 1	5403.6	525.0	-12.8	-13.3	289.3	3.9	3.7	-1.3	313.1	321 1	2 8	96 1	1 8	324
13.1	59.4	5775.0	500.0	-14.6	-15 0	284.6	7.2	7.0	-1.8	315 2	322 7	2 4	97 2	1 5	335
14.2	62.8	6162.1	475.0	-17.0	-17 4	288.0	8 6	8 2	-2 7	317.0	323 5	2 1	96 7	1 2	357
15.3	66.3	6565.9	450.0	-20.5	-25.3	289.8	9 0	8.5	-3 1	317 5	321 1	1 1	66.1	1 1	25
16 8	70.0	6986.0	425.0	-24.0	-38 0	283.5	8.8	8.5	-2 0	318 2	319 4	0 3	26 0	1 4	60
19.1	73 7	7426.4	400.0	-26.8	-43.5	282 9	7.3	7.1	-1.6	320.2	320 9	0 2	18 6	2 5	76
21.5	77 7	7889.5	375.0	-29.7	-44 5	310 0	5 9	4 5	-3 8	322 3	323 0	0 2	21 9	3 2	86
23.8	81.8	8377.7	350.0	-33 4	-45.6	311 1	7.2	5.4	-4 7	323 8	324 4	0 2	27 7	3 8	96
26.0	86 2	8893 3	325.0	-37.9	-49 0	299 1	8.4	7 3	-4 1	324 5	325 0	0 1	29 6	4 8	101
28 6	90 7	9439.7	300.0	-42.2	99 9	286 9	7 2	6.9	-2.1	325 9	999 9	99 9	999 9	6 0	104
31 4	95.4	10023.5	275.0	-46 1	99 9	284.9	6 9	6 7	-1 8	328 5	999 9	99 9	999.9	7 1	104
33.8	100 4	10649.9	250.0	-50.9	99 9	289 8	8.3	7.8	-2 8	330.3	999 9	99 9	999 9	8 3	104
36.5	105.8	11326.7	225.0	-56.7	99 9	310 6	8.2	6.2	-5.4	331 7	999 9	99 9	999 9	9.5	106
39 6	111.5	12064 6	200.0	-62.0	99 9	306 7	10 0	8.0	-6 0	334 5	999 9	99 9	999.9	10 9	110
42 9	117.5	12880.4	175 0	-64.6	99 9	289 3	15 0	14 1	-5 0	343 3	999 9	99 9	999.9	13 3	111
47.7	124.0	13836.1	150.0	-59 5	99 9	287 4	15.2	14.5	-4 5	367 6	999 9	99 9	999 9	18 1	111
52 8	131.0	14975.2	125.0	-60.4	99 9	296 8	15 6	13 9	-7.0	385 7	999 9	99 9	999 9	22 8	110
60.8	138 7	16367.4	100.0	-58.7	99.9	306 6	10 8	8.6	-6 4	414 3	999 9	99 9	999.9	28 8	114
99 9	99.9	99.9	75 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	50.0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	25.0	99.9	99.9	99 9	99 9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 469
DENVER, COLORADO

2 MAY 1982
215 GMT

147 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.5	1611.0	837.6	19.4	1.9	170.0	6.7	-1.2	6.6	307.8	322.9	5.2	31.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	53.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	65.9	59.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	22.7	1740.9	825.0	17.7	0.4	999.9	99.9	99.9	99.9	307.3	321.2	4.8	31.2	999.9	999
1.4	25.2	2002.9	800.0	15.7	0.0	999.9	99.9	99.9	99.9	307.9	321.8	4.8	34.4	999.9	999
2.4	27.6	2271.2	775.0	13.5	-0.9	176.1	8.9	-0.6	8.9	308.3	321.8	4.6	36.9	1.6	3
3.4	30.1	2546.3	750.0	11.6	-1.9	172.6	5.7	-0.7	5.6	309.4	322.4	4.4	38.3	2.0	1
4.4	32.8	2828.7	725.0	9.1	-2.3	174.5	4.3	-0.4	4.3	309.5	322.6	4.5	44.6	2.3	359
5.4	35.3	3118.4	700.0	6.9	-3.4	161.0	1.7	-0.6	1.6	310.1	322.7	4.3	48.1	2.5	360
6.4	38.0	3415.8	675.0	4.1	-4.5	56.1	1.5	-1.2	-0.8	310.2	322.2	4.1	53.3	2.5	358
7.3	40.8	3721.6	650.0	1.2	-5.8	23.0	2.2	-0.9	-2.1	310.3	321.7	3.8	59.3	2.4	357
8.3	43.6	4036.3	625.0	-1.1	-7.6	348.6	2.8	0.6	-2.7	311.2	321.6	3.5	61.4	2.2	356
9.4	46.4	4360.3	600.0	-4.2	-9.0	327.3	4.6	2.5	-3.9	311.2	320.9	3.2	69.2	2.0	359
10.4	49.5	4694.6	575.0	-6.4	-11.8	316.2	6.8	4.7	-4.9	312.5	320.7	2.7	65.4	1.7	7
11.5	52.5	5040.7	550.0	-9.3	-14.2	311.5	7.4	5.6	-4.9	313.1	320.3	2.3	67.3	1.5	21
12.7	55.6	5398.7	525.0	-12.0	-17.4	302.2	6.6	5.6	-3.5	314.0	319.8	1.9	64.5	1.4	41
14.2	58.9	5770.4	500.0	-14.3	-21.4	294.6	6.5	5.9	-2.7	315.6	320.0	1.4	54.9	1.7	60
15.6	62.3	6157.8	475.0	-16.3	-30.1	287.1	6.7	6.4	-2.0	317.8	319.1	0.4	16.2	2.2	74
17.2	65.7	6563.2	450.0	-18.5	-38.4	274.6	5.8	5.8	-0.5	319.9	321.0	0.3	15.5	2.6	79
18.6	69.3	6987.7	425.0	-20.9	-40.3	265.4	5.9	5.9	0.5	322.2	323.1	0.3	15.5	3.1	81
20.0	73.0	7432.5	400.0	-24.3	-43.0	272.5	5.9	5.9	-0.3	323.5	324.2	0.2	15.6	3.6	81
21.6	77.0	7896.9	375.0	-28.5	-45.9	296.2	3.9	3.5	-1.7	323.9	324.5	0.2	16.8	4.0	83
23.5	81.2	8389.2	350.0	-32.7	-46.7	315.3	5.5	3.9	-3.9	324.7	325.3	0.2	23.1	4.4	88
25.3	85.4	8906.0	325.0	-37.3	-48.8	312.0	7.0	5.2	-4.7	325.2	325.7	0.1	28.7	4.9	94
27.5	90.0	9453.8	300.0	-41.4	99.9	311.8	6.9	5.2	-4.6	327.0	999.9	99.9	999.9	5.7	100
29.5	94.6	10038.3	275.0	-46.5	99.9	303.5	6.5	5.4	-3.6	327.9	999.9	99.9	999.9	6.3	103
31.8	99.6	10663.9	250.0	-51.4	99.9	303.9	9.1	7.5	-5.1	329.6	999.9	99.9	999.9	7.4	106
34.3	105.0	11339.6	225.0	-56.9	99.9	292.1	9.0	8.3	-3.4	331.3	999.9	99.9	999.9	8.7	108
37.0	110.8	12076.2	200.0	-62.0	99.9	283.5	11.9	11.5	-3.2	334.5	999.9	99.9	999.9	10.3	108
40.0	116.7	12894.7	175.0	-64.9	99.9	283.9	14.8	14.3	-3.5	342.9	999.9	99.9	999.9	12.7	107
43.3	123.3	13842.8	150.0	-61.2	99.9	286.5	14.1	13.5	-4.0	364.6	999.9	99.9	999.9	15.7	107
47.4	130.3	14970.8	125.0	-63.0	99.9	301.6	15.7	13.4	-8.3	381.0	999.9	99.9	999.9	19.3	107
52.6	138.0	16355.5	100.0	-59.5	99.9	316.0	8.7	5.8	-6.5	412.8	999.9	99.9	999.9	22.8	113
58.4	145.7	18142.8	75.0	-61.4	99.9	346.9	7.4	1.7	-7.2	444.2	999.9	99.9	999.9	24.5	115
66.5	154.3	20673.6	50.0	-59.9	99.9	336.6	5.1	2.0	-4.8	502.5	999.9	99.9	999.9	25.0	119
79.6	163.0	25062.1	25.0	-54.8	99.9	999.9	99.9	99.9	99.9	627.3	999.9	99.9	999.9	23.2	127

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
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STATION NO. 469
DENVER, COLORADO

2 MAY 1982
515 GMT

130 61 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.3	1611.0	838.4	15.0	1.9	170.0	4.1	-0.7	4.0	303.1	317.9	5.2	41.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.4	22.6	1747.9	825.0	16.2	2.3	210.9	7.4	3.8	6.3	305.7	321.4	5.5	39.2	0.3	21
1.3	25.0	2009.6	800.0	16.4	0.4	220.1	7.5	4.8	5.7	308.7	323.0	4.9	33.7	0.6	32
2.2	27.5	2276.8	775.0	14.3	-1.8	205.0	7.5	3.2	6.8	309.1	321.8	4.3	32.8	1.0	34
3.2	30.0	2554.3	750.0	11.9	-3.8	187.5	7.2	0.9	7.1	309.6	321.0	3.9	33.0	1.4	27
4.1	32.6	2837.1	725.0	9.8	-4.3	185.6	5.2	0.5	5.1	310.2	321.4	3.8	36.1	1.7	23
5.1	35.2	3127.2	700.0	7.1	-4.5	192.0	4.3	0.9	4.2	310.4	322.0	3.9	43.1	2.0	21
6.3	37.9	3425.0	675.0	4.4	-5.4	171.5	3.6	-0.5	3.6	310.6	321.8	3.8	48.7	2.3	19
7.4	40.7	3731.3	650.0	1.8	-7.7	134.9	1.7	-1.2	1.2	311.0	320.9	3.3	48.9	2.4	17
8.4	43.4	4046.2	625.0	-0.7	-9.4	17.5	0.9	-0.3	-0.9	311.7	320.8	3.0	51.7	2.4	16
9.5	46.4	4370.8	600.0	-3.6	-11.0	324.9	1.7	1.0	-1.4	311.9	320.3	2.8	56.5	2.3	17
10.6	49.4	4705.7	575.0	-6.2	-12.7	278.3	2.6	2.6	-0.3	312.7	320.4	2.5	60.1	2.3	21
12.0	52.4	5051.8	550.0	-9.3	-13.5	28[illegible]	4.3	4.3	0.4	313.1	320.6	2.5	71.4	2.4	26
13.2	55.6	5410.6	525.0	-11.2	-16.4	264.1	4.5	4.5	0.5	314.9	321.3	2.0	65.5	2.7	32
14.4	58.9	5783.5	500.0	-13.6	-19.9	276.1	4.5	4.5	-0.5	316.5	321.5	1.6	58.6	2.8	39
15.6	62.1	6171.7	475.0	-16.2	-23.9	288.6	4.6	4.3	-1.5	317.9	321.8	1.2	52.3	3.0	44
17.3	65.7	6577.2	450.0	-18.7	-36.6	280.5	4.6	4.5	-0.8	319.7	321.0	0.4	18.9	3.2	51
18.8	69.3	7000.5	425.0	-22.0	-41.1	262.6	4.0	3.9	0.5	320.8	321.7	0.2	15.7	3.5	55
20.6	73.0	7444.4	400.0	-24.7	-43.5	257.0	2.6	2.6	0.6	322.9	323.7	0.2	15.3	3.9	57
22.5	77.0	7910.3	375.0	-29.0	-46.3	193.5	0.6	0.1	0.6	323.2	323.8	0.2	16.8	4.0	57
24.6	81.2	8399.4	350.0	-33.3	-49.1	325.8	3.4	1.9	-2.8	323.9	324.3	0.1	18.5	4.0	59
26.6	85.3	8915.5	325.0	-37.8	-52.2	322.8	5.3	3.2	-4.2	324.6	325.0	0.1	20.3	4.1	68
28.9	89.8	9461.4	300.0	-42.4	99.9	298.0	6.7	5.9	-3.2	325.7	999.9	99.9	999.9	4.5	77
31.6	94.6	10045.0	275.0	-46.5	99.9	292.2	8.7	8.1	-3.3	327.9	999.9	99.9	999.9	5.6	85
34.2	99.6	10670.0	250.0	-51.9	99.9	281.3	8.8	8.7	-1.7	328.9	999.9	99.9	999.9	6.9	89
36.9	104.8	11344.1	225.0	-57.4	99.9	279.2	10.5	10.4	-1.7	330.5	999.9	99.9	999.9	8.4	91
39.7	110.5	12078.9	200.0	-62.6	99.9	282.4	13.3	13.0	-2.8	333.6	999.9	99.9	999.9	10.4	93
42.9	116.7	12898.7	175.0	-63.8	99.9	291.5	12.7	11.8	-4.6	344.7	999.9	99.9	999.9	12.8	95
46.2	123.0	13952.5	150.0	-61.5	99.9	293.5	13.5	12.4	-5.4	364.2	999.9	99.9	999.9	15.2	99
50.4	130.0	14984.1	125.0	-60.8	99.9	300.1	12.3	10.7	-6.2	385.0	999.9	99.9	999.9	18.5	101
55.6	137.7	16369.3	100.0	-61.1	99.9	311.2	9.8	7.4	-6.5	409.7	999.9	99.9	999.9	21.2	105
62.1	145.5	18147.0	75.0	-63.3	99.9	999.9	99.9	99.9	99.9	440.3	999.9	99.9	999.9	23.6	108
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO 489
DENVER, COLORADO

2 MAY 1982
1100 GMT

150 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.0	.611 0	838 2	9.4	1.1	120.0	1 8	-1 4	0 8	297 _	310 9	4 9	56 0	0 0	0
99.9	99.9	99 9	1000 0	99 9	99.9	99.9	99 9	99.9	99 9	99 5	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	975 0	99 9	99.9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	950.0	99 9	99.9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	925.0	99 9	99.9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99 9	99 9	999.9	99 9	999 9	999 9	999
99.9	99.9	99.9	875.0	99 9	99.9	99.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	850 0	99 9	99 9	99.9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.3	23.3	1743 2	825.0	10 8	0.8	999.9	99 9	99.9	99.9	300 0	313.7	4 9	49 5	999 9	999
0.8	25.3	2001 6	800 0	14.6	-1.5	999.9	99.9	99 9	99 9	306 7	319 2	4 3	33 3	999 9	999
1 6	28.4	2270.0	775 0	14 5	-3.2	999.9	99 9	99 9	99 9	309 4	320 9	3 9	29 3	999 9	999
2.8	31.0	2545.9	750.0	12 8	-4.5	999.9	99.9	99.9	99 9	310 5	321 4	3 7	29 7	999 9	999
3.4	33.6	2829 6	725.0	10.7	-4 5	999.9	99.9	99 9	99 9	311 2	322 5	3 8	33 9	0 5	137
4.3	38 3	3120 7	700.0	8 2	-5.8	239 8	1.5	1 3	0 8	311 8	322 2	3 5	36 3	0 6	131
5.3	39.1	3419.8	675.0	5.8	-7.7	212.1	2.3	1.2	2.0	312 1	321.7	3 2	37.1	0 6	119
6.4	41.9	3727.2	650 0	3.4	-9.7	188.8	3.9	0 6	3.9	312 9	321 5	2.8	37.4	0 6	101
7.4	44.8	4044.1	625.0	0 9	-10.5	178.4	4.9	-0 1	4 9	313 5	321 9	2 7	42 0	0 6	72
8.5	47 7	4370.4	600.0	-2.1	-11.2	182.0	4.7	0 2	4 7	313 7	321 9	2 7	49 5	0 7	48
9.4	50.8	4706.7	575.0	-5 3	-11.7	196 5	4.3	1.2	4 1	313 8	322 2	2 7	60 7	1 0	39
10.8	53.9	5053 9	550.0	-8.2	-13.1	223.9	4.1	2 8	2 9	314 3	322 1	2 5	67 6	1 2	35
11.7	57.0	5413.5	525.0	-10.6	-16.5	248.3	4.3	4 0	1 6	315 5	321 8	2 0	62 3	1 5	40
13.0	60.4	5788.4	500.0	-12.5	-20.1	246 0	5.4	5.0	2 2	317.9	322.8	1 5	52.7	1 8	46
14.3	63.9	6177 [illegible]	475.0	-15.8	-22.8	239 1	5 4	4 6	2.8	318 4	322 6	1.3	54 9	2 [illegible]	49
15.7	67.4	6583 [illegible]	450.0	-18.4	-34.9	269.3	2.9	2.9	0 0	320.2	321 7	0 4	22 3	2 6	51
17.2	71.9	7007.9	425.0	-21.5	-31.3	314.1	3.0	2.2	-2 1	321 4	323 6	0 6	40.5	2 7	55
18.6	74.8	7452.5	400.0	-24.7	-36.6	288.3	3.7	3 5	-1 2	323.0	324 4	0 4	31 9	2 7	6[illegible]
20.1	78.7	7919.5	375 0	-28.0	-46.6	228.8	4.0	3 0	2 7	324.5	325 1	0 1	14.5	3 0	52
21.7	82.8	8411 0	350.0	-31.9	-49.6	221 7	5.1	3 4	3 8	325 7	326 1	0 1	15 3	3 5	59
23.7	87.2	8929 8	325.0	-38 3	-52.8	236.9	5.0	4 7	3 0	326 6	326 9	0 1	18 3	4 1	58
25.8	91.6	9479.6	300.0	-40 7	99.9	264.7	6.8	8 8	0 6	328 1	999.9	99 9	999.9	4 8	59
28.3	96.6	10066 9	275 0	-45.2	99.9	282 0	8.5	8 3	-1 8	329 8	999 9	99 9	999.9	5 8	6[illegible]
30.8	101.6	10685.8	250.0	-50.6	99 9	281.4	8.8	8.4	-1 7	330 9	999 9	99 9	999 9	6 8	73
33.4	107.0	11373 6	225 0	-56.2	99 9	275 7	8.7	8.7	-0 9	332 3	999 9	99 9	999 9	8 1	77
36.5	113.0	12111.7	200 0	-61 3	99.9	266.3	9 1	8 8	-2 6	335 7	999 9	99 9	999 9	9 6	81
39.8	119.2	12934 7	175.0	-64 0	99.9	278 4	10 5	10 4	-1 2	344 4	999 9	99 9	999 9	11 3	85
43.5	125.7	13863 9	150.0	-61.3	99.9	283 9	12.3	11.9	-3 0	364 6	999 9	99 9	999 9	14 0	87
47.8	13[illegible].7	15016.9	125.0	-60 0	99 9	283.8	12 7	12.4	-3 0	386 4	999 9	99 9	999 9	16 8	91
52.9	140.0	16409.2	100 0	-63 4	99.9	295.8	8.6	7 7	-3 7	405 3	999.9	99 9	999 9	19 9	93
58.8	148.0	18171.3	75 0	-61 7	99.9	357.0	6.9	0 4	-6 9	443 6	999 9	99 9	999 9	22 2	98
66.5	156.3	20006.5	50.0	-60.7	99.9	114 1	5.1	-4.7	2 [illegible]	500 5	999 9	99 9	999 9	22 0	104
81.7	165.0	25006.7	25 0	-54 6	99.9	94 0	3 9	-3 9	0 3	627 7	999 9	99 9	999 9	20 1	108

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STATION NO 476
GRAND JUNCTION, COLORADO

1 MAY 1982
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TIME MIN	CNTCT	HE T	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.3	147.0	852.8	15.0	-0.3	130.0	5.2	-4.0	3.3	301.6	314.1	4.4	35.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	22.6	1409.9	850.0	15.1	-0.2	136.8	6.6	-4.6	4.8	301.9	314.6	4.4	35.1	0.1	335
0.9	25.3	1752.7	825.0	14.8	0.1	145.7	7.7	-4.3	6.3	304.2	317.7	4.7	36.7	0.4	313
1.8	28.0	2012.6	800.0	13.8	0.1	136.1	5.3	-3.7	3.8	305.9	319.7	4.8	38.9	0.7	318
2.7	30.8	2279.1	775.0	11.5	-1.6	66.0	1.3	-1.2	-0.5	306.2	319.0	4.4	40.1	0.9	316
3.6	33.5	2552.2	750.0	9.4	-2.4	301.4	1.5	1.3	-0.8	306.7	319.2	4.3	43.5	0.9	316
4.5	36.3	2832.3	725.0	7.0	-3.4	285.8	4.4	4.4	0.3	307.1	319.1	4.1	47.6	0.8	322
5.5	39.1	3120.0	700.0	5.3	-4.8	271.1	6.8	6.8	-0.1	308.3	319.6	3.8	48.2	0.6	351
6.5	42.0	3415.8	[illegible]5.0	2.5	-5.4	274.0	5.7	5.7	-0.4	308.4	319.7	3.8	56.1	0.7	24
7.7	44.9	3719.9	650.0	-0.0	-6.1	252.4	5.0	4.8	1.5	309.0	320.0	3.7	63.5	0.9	46
8.8	47.8	4032.9	625.0	-2.7	-7.4	235.4	6.3	5.2	3.6	309.4	319.8	3.5	69.6	1.2	50
9.9	50.8	4355.2	600.0	-5.5	-7.6	235.2	7.4	6.1	4.2	309.8	320.5	3.6	85.1	1.7	51
10.9	53.8	4688.0	575.0	-8.2	-9.3	241.9	8.0	7.1	3.9	310.4	320.3	3.3	91.4	2.2	52
12.1	56.9	5032.0	550.0	-10.6	-11.9	246.7	8.2	7.5	3.2	311.5	320.0	2.8	89.9	2.7	55
13.1	60.1	5387.8	525.0	-14.2	-15.2	249.8	9.1	8.5	3.1	311.4	318.3	2.2	92.0	3.3	57
14.5	63.3	5757.1	500.0	-15.9	-22.0	253.4	8.7	8.3	[illegible].5	313.7	317.9	1.3	59.1	4.0	60
15.8	66.6	6142.0	475.0	-18.7	-25.3	255.9	8.6	8.3	2.1	314.9	318.2	1.0	56.3	4.6	62
17.[illegible]	70.0	6542.5	450.0	-22.3	-28.3	250.7	9.5	9.0	3.1	315.3	318.5	1.0	69.2	5.4	64
18.9	73.4	6962.3	425.0	-23.5	-34.9	287.8	9.1	9.1	0.4	318.9	320.5	0.5	33.8	6.3	65
20.4	77.0	7402.9	400.0	-26.5	-38.5	283.2	9.5	9.3	-2.2	320.6	321.8	0.3	30.8	7.0	69
22.0	80.7	7865.5	375.0	-30.6	-41.5	281.3	9.7	9.5	-1.9	321.1	322.1	0.3	33.2	7.8	73
23.8	84.4	8353.6	350.0	-32.7	-44.2	285.2	7.7	7.5	-2.0	324.7	325.5	0.2	30.3	8.6	76
25.7	88.3	8870.6	325.0	-37.3	-47.7	288.6	8.9	8.6	-2.0	325.3	325.9	0.2	32.3	9.3	78
27.8	92.5	9417.6	300.0	-42.3	99.9	298.3	8.5	7.5	-4.0	325.8	999.9	99.9	999.9	10.0	81
29.8	96.8	9999.7	275.0	-47.0	99.9	293.8	9.9	9.0	-4.0	327.1	999.9	99.9	999.9	11.0	85
32.0	101.2	10624.6	250.0	-51.6	99.9	298.9	12.1	10.6	-5.8	329.1	999.9	99.9	999.9	12.3	88
34.5	106.0	11298.3	225.0	-57.5	99.9	302.8	12.8	10.8	-6.9	330.4	999.9	99.9	999.9	13.9	93
37.5	111.0	12032.8	200.0	-62.6	99.9	294.7	12.1	11.0	-5.1	333.6	999.9	99.9	999.9	16.0	98
40.6	116.6	12847.8	175.0	-68.1	99.9	298.6	14.3	12.5	-6.8	340.9	999.9	99.9	999.9	18.2	99
44.0	122.5	13793.0	150.0	-62.0	99.9	282.6	15.2	14.8	-3.3	363.4	999.9	99.9	999.9	21.0	100
48.1	129.2	14921.0	125.0	-61.1	99.9	288.9	15.2	14.4	-4.9	384.3	999.9	99.9	999.9	25.0	101
53.1	136.7	16300.1	100.0	-60.6	99.9	289.6	10.7	10.1	-3.8	410.7	999.9	99.9	999.9	28.9	102
59.4	145.7	18092.0	75.0	-63.1	99.9	309.3	8.7	6.7	-5.5	440.6	999.9	99.9	999.9	32.5	103
67.7	156.0	20516.8	50.0	-62.2	99.9	323.6	4.9	2.9	-4.0	496.8	999.9	99.9	999.9	34.5	104
81.1	167.0	25016.8	25.0	-54.1	99.9	72.6	3.7	-3.5	-1.1	629.3	999.9	99.9	999.9	33.5	107

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
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STATION NO. 476
GRAND JUNCTION, COLORADO

1 MAY 1982
1405 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW P DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.0	1472.0	855.0	15.6	3.4	33.0	5.2	-4.[illegible]	3.3	302.0	318.1	5.7	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.[illegible]	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.[illegible]	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.[illegible]	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.[illegible]	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	22.4	1521.7	850.0	14.6	0.1	147.9	6.9	-3.2	5.1	301.5	314.3	4.5	36.9	0.2	305
1.0	25.1	1773.8	825.0	14.2	0.8	155.7	4.3	-1.7	3.9	303.7	317.7	4.9	39.8	0.4	317
1.9	27.9	2032.9	800.0	12.6	0.9	228.9	1.4	1.0	0.9	304.6	318.4	4.8	41.8	0.5	325
2.9	30.7	2290.9	775.0	11.0	-0.5	332.7	1.2	0.6	-1.1	305.6	319.3	4.8	44.9	0.4	328
3.8	33.6	2571.2	750.0	8.3	-0.9	359.8	1.2	0.0	-1.2	305.6	319.4	4.8	52.3	0.3	322
4.7	36.3	2850.3	725.0	5.8	-1.0	280.4	1.1	1.1	-0.2	305.9	319.9	4.9	61.2	0.3	317
5.7	39.3	3130.6	700.0	3.8	-1.8	242.2	3.5	3.1	1.6	306.7	320.7	4.9	67.7	0.3	341
6.7	42.1	3431.1	675.0	1.3	-2.7	251.8	4.9	4.7	1.5	307.1	320.6	4.7	74.7	0.4	23
7.7	45.1	3734.1	650.0	-1.0	-3.1	249.5	6.0	5.7	2.1	307.8	321.4	4.7	85.7	0.7	43
9.7	48.1	4045.8	625.0	-3.9	-4.9	252.3	6.1	5.9	1.8	308.0	320.5	4.3	92.9	1.0	53
9.8	51.1	4367.7	600.0	-5.5	-7.0	254.7	6.1	5.9	1.6	309.7	320.9	3.8	89.3	1.4	59
11.1	54.3	4700.5	575.0	-7.7	-11.5	257.5	7.0	6.8	1.5	311.0	319.3	2.8	74.0	1.9	63
12.3	57.4	5045.2	550.0	-9.9	-15.2	257.8	6.6	6.4	1.4	312.3	318.9	2.1	64.9	2.4	66
13.6	60.6	5402.2	525.0	-13.1	-17.6	254.2	6.3	6.4	1.6	312.7	318.4	1.8	60.9	2.9	68
14.9	63.9	5771.9	500.0	-15.7	-22.6	258.6	7.7	7.6	1.5	313.9	317.9	1.2	55.6	3.5	69
16.2	67.1	6157.7	475.0	-17.6	-23.2	265.9	8.6	8.6	0.6	316.2	320.2	1.2	61.5	4.1	71
17.4	70.6	6561.0	450.0	-20.1	-27.2	278.7	8.9	8.8	1.0	318.0	321.1	0.9	52.7	4.7	74
18.8	74.0	6981.7	425.0	-22.8	-40.1	278.7	8.7	8.6	-1.0	319.8	320.8	0.3	18.6	5.3	77
20.5	77.8	7425.0	400.0	-25.2	-42.8	284.6	4.2	4.0	-1.0	322.2	323.0	0.2	17.4	5.7	79
22.2	81.3	7890.5	375.0	-28.4	-45.5	288.4	4.3	4.1	-1.2	324.1	324.7	0.2	17.3	6.1	81
24.1	85.1	8382.1	350.0	-31.2	-48.0	288.9	5.4	5.4	0.1	326.7	327.2	0.1	17.2	6.6	8[illegible]
25.9	88.9	8902.2	325.0	-38.0	-50.1	273.7	6.2	6.1	-0.4	327.1	327.6	0.1	21.5	7.2	83
27.8	93.0	9452.9	300.0	-40.3	99.9	295.8	7.9	7.2	-3.5	328.6	999.9	99.9	999.9	8.0	85
30.0	97.4	10040.7	275.0	-44.9	99.9	293.6	8.6	7.9	-3.3	330.2	999.9	99.9	999.9	8.9	8[illegible]
32.1	101.8	10670.1	250.0	-50.4	99.9	296.8	9.5	8.5	-4.3	331.1	999.9	99.9	999.9	10.0	92
34.4	106.8	11348.5	225.0	-56.4	99.9	294.3	9.4	8.5	-3.9	332.0	999.9	99.9	999.9	11.2	95
37.0	111.5	12088.5	200.0	-60.9	99.9	289.5	10.4	9.8	-3.5	336.3	999.9	99.9	999.9	12.7	96
39.9	116.8	12900.1	175.0	-63.6	99.9	292.1	12.9	11.9	-4.8	344.7	999.9	99.9	999.9	14.6	99
43.0	122.5	13806.7	150.0	-59.4	99.9	278.1	15.4	15.3	-2.2	367.7	999.9	99.9	999.9	17.2	99
46.9	128.7	15000.7	125.0	-59.4	99.9	283.6	12.7	12.3	-2.9	387.4	999.9	99.9	999.9	20.4	100
51.4	135.5	16407.7	100.0	-58.9	99.9	298.7	10.6	9.3	-5.1	413.9	999.9	99.9	999.9	23.7	100
57.0	143.0	18207.2	75.0	-60.3	99.9	328.1	8.7	3.7	-5.6	446.5	999.9	99.9	999.9	28.6	103
64.8	151.5	20700.0	50.0	-58.2	99.9	158.4	4.5	-1.8	4.1	506.5	999.9	99.9	999.9	27.4	106
76.5	160.3	25230.2	25.0	-50.8	99.9	57.3	3.4	-2.9	-1.8	639.1	999.9	99.9	999.9	25.1	109

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STATION NO. 476
GRAND JUNCTION, COLORADO

1 MAY 1982
1705 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.1	1472.0	855.0	21.7	3.9	999.9	99.9	99.9	99.9	308.4	325.4	5.9	31.0	999.9	999
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	22.7	1522.7	850.0	20.1	2.4	999.9	99.9	99.9	99.9	307.2	322.6	5.4	30.9	999.9	999
0.7	25.3	1778.4	825.0	17.1	1.7	999.9	99.9	99.9	99.9	306.7	321.7	5.3	35.4	999.9	999
1.5	28.0	2039.5	800.0	14.4	0.4	999.9	99.9	99.9	99.9	306.5	320.7	5.0	38.5	999.9	999
2.2	30.8	2306.6	775.0	11.7	0.4	999.9	99.9	99.9	99.9	306.4	321.1	5.1	45.9	999.9	999
3.3	33.6	2580.0	750.0	9.5	-0.6	999.9	99.9	99.9	99.9	306.9	321.0	4.9	49.4	999.9	999
99.9	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
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO

1 MAY 1982
2005 GMT

107 116 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.5	1472.0	853.1	24.4	4.2	180.0	5.2	0.0	5.2	311.4	329.1	6.1	27.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	21.6	1503.8	850.0	23.6	2.9	167.8	6.3	-1.3	6.1	310.9	327.1	5.6	25.8	0.1	3
0.7	24.4	1761.8	825.0	19.1	0.5	160.9	6.8	-2.2	6.4	308.8	322.8	4.8	28.6	0.3	356
1.3	27.0	2024.6	800.0	16.3	-0.1	161.7	5.5	-1.7	5.2	308.6	322.4	4.8	32.5	0.5	351
2.0	29.6	2293.5	775.0	13.7	0.1	153.9	3.0	-1.3	2.7	308.6	323.0	5.0	39.1	0.7	348
2.8	32.3	2568.5	750.0	11.1	-0.6	175.4	1.6	-0.1	1.6	308.7	322.9	4.9	44.2	0.8	346
3.8	35.0	2850.3	725.0	8.6	-1.5	269.8	1.7	1.7	0.0	308.9	322.7	4.7	48.9	0.8	349
4.9	37.7	3139.7	700.0	6.7	-4.2	258.9	2.9	2.8	0.6	309.9	321.7	4.0	45.8	0.7	1
5.9	40.4	3437.2	675.0	4.3	-5.0	239.5	2.6	2.3	1.3	310.4	322.0	3.9	50.9	0.9	10
6.9	43.3	3743.1	650.0	1.7	-6.5	248.1	3.5	3.2	1.3	310.8	321.7	3.6	54.6	1.0	19
8.0	46.2	4058.0	625.0	-0.9	-9.9	255.5	4.5	4.4	1.1	311.5	320.2	2.9	50.1	1.1	29
8.8	49.1	4382.6	600.0	-3.7	-11.2	256.7	5.3	5.1	1.2	311.9	320.1	2.7	55.6	1.3	37
9.7	52.0	4717.1	575.0	-6.6	-12.6	263.4	5.7	5.6	0.7	312.3	320.0	2.5	62.4	1.5	44
10.8	55.0	5063.1	550.0	-9.3	-13.8	274.4	6.0	6.0	-0.5	313.1	320.5	2.4	69.5	1.8	53
12.0	58.0	5421.7	525.0	-11.4	-19.3	275.1	4.8	4.8	-0.4	314.7	319.8	1.6	52.0	2.2	61
13.2	61.1	5795.1	500.0	-13.3	-23.0	257.6	3.3	3.3	0.7	316.8	320.7	1.2	43.6	2.4	64
14.6	64.4	6184.0	475.0	-15.9	-25.9	240.7	3.2	2.8	1.5	318.3	321.5	1.0	41.6	2.7	64
16.1	67.6	6589.2	450.0	-18.6	-28.7	226.1	5.0	3.6	3.4	319.9	322.6	0.8	41.1	3.0	63
17.6	70.9	7013.1	425.0	-21.5	-35.4	220.3	5.3	3.4	4.0	321.5	323.0	0.4	27.1	3.5	60
19.3	74.4	7456.8	400.0	-25.3	-30.1	200.4	5.4	1.9	5.1	322.1	324.8	0.8	64.2	3.9	57
20.8	77.9	7922.2	375.0	-28.7	-32.4	183.1	6.1	0.3	6.1	323.6	325.9	0.7	70.0	4.3	51
22.4	81.6	8412.9	350.0	-32.3	-46.2	198.5	4.8	1.5	4.5	325.2	325.9	0.2	23.3	4.7	47
24.3	85.3	8931.3	325.0	-36.2	-48.7	218.0	5.1	3.1	4.0	326.8	327.3	0.1	25.8	5.2	45
26.4	89.3	9481.4	300.0	-40.8	99.9	232.4	4.4	3.5	2.7	327.9	999.9	99.9	999.9	5.8	45
28.3	93.3	10068.4	275.0	-45.3	99.9	241.0	5.2	4.6	2.5	329.6	999.9	99.9	999.9	6.3	46
[illegible].3	97.8	10696.7	250.0	-50.9	99.9	246.5	5.9	5.4	2.3	330.3	999.9	99.9	999.9	7.0	48
32.3	102.4	11374.2	225.0	-56.7	99.9	241.2	7.7	6.8	3.7	331.7	999.9	99.9	999.9	7.7	50
34.4	107.2	12112.1	200.0	-61.4	99.9	247.7	10.5	9.7	4.0	335.5	999.9	99.9	999.9	8.8	51
36.9	112.5	12935.2	175.0	-62.3	99.9	256.1	12.3	12.0	3.0	347.2	999.9	99.9	999.9	10.5	55
39.8	118.2	13894.2	150.0	-59.4	99.9	274.5	13.8	13.8	-1.1	367.7	999.9	99.9	999.9	12.5	60
43.5	124.7	15033.9	125.0	-60.7	99.9	999.9	99.9	99.9	99.9	385.2	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
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STATION NO. 476
GRAND JUNCTION, COLORADO

1 MAY 1982
2305 GMT

144 20 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.8	1472 0	851.0	23.9	2.1	180.0	2 6	0.0	2.6	311 1	326 5	5.3	24 0	0 0	0
99.9	99.9	99 9	1000.0	99.9	99 9	99.9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	975.0	99.9	99.9	99 9	99 9	99.9	99.9	99.9	999.9	99 9	999 9	999 9	999
99 9	99.9	99 9	950.0	99.9	99.9	99.9	99 9	99.9	99 9	99.9	999.9	99 9	999 9	999 9	999
99.9	99.9	99 9	925 0	99.9	99.9	99 9	99.9	99 9	99 9	99.9	999.9	99 9	999 9	999 9	999
99.9	99.9	99 9	900.0	99 9	99.9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	875.0	99 9	99 9	99.9	99 9	99 9	99.9	99.9	999.9	99 9	999 9	999 9	999
0.1	22.0	1482 2	850.0	23.2	-0.5	209.2	2 4	1.2	2.1	310.4	323 3	4 3	20 7	0 1	33
1.0	24.7	1740 9	825.0	20.7	-0.8	208 0	2 5	1.2	2 2	310 4	323 4	4 4	23 7	0 1	31
1.7	27.3	2005 4	800.0	18.3	-1 6	209 0	2 7	1 3	2 4	310.7	323 2	4 3	25 8	0 2	29
2 4	30.0	2275 7	775.0	15.3	-2.7	220 7	3.4	2.2	2 6	310 3	322 3	4 1	28 8	0 4	32
3.1	32 8	2552 3	750.0	12.8	-2.9	211 7	3 0	1.6	2 6	310 5	322 7	4 1	33 5	0 5	35
3 9	35.5	2835 6	725.0	10.1	-3.2	176.8	2.3	-0.1	2.3	310.6	322 9	4 2	39.0	0 6	30
4.8	38.3	3126.1	700.0	7.4	-4.1	200.8	2 6	0.9	2.4	310 7	322 7	4 1	44 1	0 7	26
6.0	41.1	3424.4	675.0	5.2	-7.4	248.6	3 1	2.9	1 1	311 5	321.3	3 2	39 4	0 9	31
7.2	44.0	3731.3	650.0	3.0	-9.7	256.3	3.6	3.5	0.9	312.3	320 9	2 8	38 8	1 1	39
8.2	46.9	4047 5	625.0	0.1	-9.8	266.3	4.3	4.3	0.3	312 6	321.5	2 9	47 1	1 3	46
9.3	49.9	4373.0	600.0	-2.8	-11.6	263.6	4.8	4 7	0.5	312.9	320 9	2 6	50 6	1 5	54
10.4	52.9	4708.6	575.0	-5.7	-14 1	253.6	4.0	3.9	1.1	313.3	320.2	2.2	51 5	1 8	5[illegible]
11.6	55.9	5055.5	550.0	-8.5	-13.7	274.5	2.8	2 7	-0 2	314 0	321 5	2 4	66 1	2 1	60
13.1	59.0	5414 5	525.0	-11.3	-21.3	305.2	2.8	2.3	-1.6	314.9	319 2	1 3	43 0	2 2	65
14.7	62.1	5787.1	500.0	-13.9	-24.9	285.0	3.2	3.1	-0.8	316 1	319 5	1.0	38 9	2 4	71
16.4	65.4	6175.1	475.0	-18.3	-20.3	235 7	3.4	2 8	1.9	317.8	322.9	1 6	71 0	2 7	72
17.9	68.8	6579.9	450.0	-18.7	-25.9	228.6	5.9	4 4	3.9	319 7	323 2	1 0	53 5	3 0	69
19.5	72.1	7003 6	425.0	-22.0	-34.9	224.7	8 1	5 7	5 7	320.9	322 5	0 5	30 0	3 7	65
21 1	75.7	7447 6	400.0	-24.3	-32.0	217 3	10.5	6 3	8.3	323 4	325 6	0 6	48 6	4 5	60
23 0	79.3	7915 2	375.0	-27.8	-37 8	213 3	11 2	6 2	9 4	324 9	326 3	0 4	37 5	5 7	54
25.3	83.0	8407 1	350.0	-31.5	-45.0	217.7	9.3	5.7	7.4	326.3	327 0	0 2	24 9	7 1	51
27 2	86.8	8927 1	325.0	-36 2	-48.4	229 7	8 5	6 5	5.5	326 8	327 4	0 1	26 6	8 1	49
29 2	90.8	9477 8	300.0	-40.4	99.9	239.1	8 0	6 9	4 1	328 4	999 9	99 9	999 9	9 1	50
31.7	95.0	10064 2	275.0	-45.4	99.9	236.1	7.8	6 5	4 3	329 4	999 9	99 9	999 9	10 2	1
34.3	99.5	10693 0	250 0	-50.7	99.9	237.5	8 5	7 2	4 6	330 7	999 9	99 9	999 9	11 5	1
37.2	104.2	11371 5	225.0	-56.2	99.9	246.4	9.8	9.0	3 9	332 4	999 9	99.9	999 9	13 0	53
40.0	109.2	12111 7	200.0	-60.7	99.9	245 5	11.1	10.1	4 6	336 7	999 9	99 9	999 9	14 7	54
42.8	114.5	12935 0	175.0	-63.3	99.9	259 5	13.5	13.2	2.5	345 4	999 9	99 9	999 9	16 6	57
46.5	120.4	13895 6	150.0	-58.2	99.9	271.6	15 9	15.9	-0.4	369 8	999 9	99 9	999 9	19 7	62
50.2	126.7	15038 1	125.0	-61.9	99.9	281.8	15.7	15.4	-3 2	382 9	999 9	99 9	999.9	22 6	67
55.3	134.0	16426 6	100.0	-57.8	99.9	325.2	8 8	5 0	-7 2	416 0	999 9	99.9	999 9	25 9	73
61.2	142.3	18226 9	75.0	-60.5	99.9	320.0	3.7	2.4	-2 8	446 2	999 9	99 9	999 9	25 9	76
69.6	152.0	20769 6	50.0	-57.0	99.9	10.6	2 4	-0.4	-2.4	509 2	999 9	99 9	999 9	26 3	78
81.6	162.0	25203 4	25.0	-49.7	99.9	66.2	5 9	-5 4	-2 4	641 8	999 9	99 9	999 9	24 0	81

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STATION NO 476
GRAND JUNCTION, COLORADO

2 MAY 1982
215 GMT

140 19 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.3	1472 0	851.5	19.4	3.2	350.0	5.2	0.9	-5.1	306.3	322 5	5.7	34 0	0 0	0.
99.9	99 9	99 9	1000.0	99.9	99 9	99 9	99 9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	975 0	99.9	99 9	99.9	99.9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99 9	999.9	99.9	999 9	999 9	999
99.9	99.9	99 9	925.0	99.9	99 9	99 9	99.9	99.9	99.9	99.9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	900 0	99.9	99.9	99 9	99 9	99.9	99 9	99.9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	875.0	99.9	99.9	99.9	99.9	99 9	99 9	99 9	999 9	99.9	999 9	999 9	999
0.0	22.5	1487 2	850 0	19.1	3.2	349.8	6 1	1 1	-6 0	306.2	322 4	5.7	34 7	0 1	40
0.8	25.1	1742 3	825.0	16.7	3.8	346.7	8 2	1.9	-8.0	306 3	323.6	6 1	42 1	0 4	173
1.6	27.8	2003.6	800.0	14.4	3.0	334 7	5.7	2 4	-5.1	306.5	323 5	6 0	46 2	0 8	169
2.6	30.6	2270 8	775.0	12.1	1.4	300.9	4.3	3.7	-2 2	306 9	322 6	5 5	47 9	1 0	162
3.5	33.3	2544 9	750.0	10.5	0.4	306.6	3.6	2.9	-2.1	308 0	323.3	5.3	49 5	1 2	153
4.4	36.1	2826 4	725.0	8.4	0.0	10.9	1 9	-0.4	-1 8	308 7	324.1	5 3	55 3	1 3	152
5.6	39.0	3115.4	700.0	5.9	-1.0	140 8	2.2	-1.4	1.7	309 0	323.8	5 1	61 4	1 3	154
6.6	41.9	3412.4	675.0	3.4	-1.8	146.3	3 4	-1.9	2 8	309.5	323 9	5.0	68.3	1.1	152
7.7	44.7	3717.6	650.0	1.3	-3.5	117 6	3.0	-2 6	1 4	310.4	323 8	4 6	70 6	0 9	158
8.9	47.8	4032 3	625.0	-1.5	-6.3	126.8	3 0	-2.4	1 8	310 8	322 1	3.8	69 6	0 8	167
10.0	50.8	4356.2	600.0	-4.2	-7.2	150 5	2 9	-1.4	2 6	311.3	322 4	3.7	79.0	0.6	177
11.0	53.8	4690.6	575.0	-6 7	-9.7	156 9	3.0	-1.2	2 8	312 1	321.7	3 2	79 1	0 4	183
12.3	56.9	5036 2	550.0	-9.2	-15.8	141.8	3.4	-2.1	2 7	313 2	319 5	2 0	58 5	0 3	218
13 8	60.0	5394 3	525.0	-12 1	-19.7	166.3	4.2	-1.0	4 1	313 9	318 7	1 5	53 3	0 3	276
15.5	63.3	5766.8	500.0	-13.9	-19.5	196.8	5.9	1.7	5.7	316.1	321 3	1 6	62 3	0 7	335
17.0	66.5	6155.0	475.0	-16.0	-19.5	211.9	4.0	2 1	3.4	318.1	323 6	1 7	74.2	1 0	356
18.3	69.9	6560.5	450.0	-18.6	-22.9	222.6	2 7	1 9	2 0	319 8	324.2	1 3	68 9	1 2	4
19 6	73.4	6983 8	425.0	-22 3	-24.0	224 8	2.1	1.5	1 5	320.4	324 6	1 3	86 0	1 4	8
21 0	76.9	7426 6	400.0	-25.5	-27.0	274 9	3.7	3 7	-0.3	321.8	325 3	1 0	87.3	1 5	15
22.9	80 6	7892 2	375.0	-28.9	-32 5	275 6	5 7	5 7	-0 6	323 4	325 7	0 7	70 6	1 6	37
24.8	84.2	8382 4	350.0	-32.3	-39.0	240 1	5.2	4.8	2.1	325.2	326 6	0 4	50 9	2 1	50
26.7	88.1	8901.9	325.0	-35.9	-47.8	223.2	6.7	4 6	4 9	327 2	327 8	0.2	27 9	2.7	49
28.4	92.2	9452 7	300 0	-40.6	99.9	227 7	9 6	7 1	6.4	328 2	999 9	99 9	999 9	3 5	48
30.3	96.3	10038 8	275.0	-45.7	99.9	232.8	11.0	8.8	6.7	329 1	999 9	99 9	999.9	4.7	49
32.3	101 7	10666 4	250.0	-50.8	99.9	235.6	12 2	10.0	6 9	330 6	999 9	99 9	999 9	6.1	50
34.8	105.4	11343 3	225 0	-56.6	99.9	237 1	12.8	10.8	7.0	331 9	999.9	99 9	999 9	8 1	52
37.5	110.4	12082 1	200.0	-61 0	99 9	245 8	12.2	11.1	5.0	336 2	999 9	99 9	999 9	10 0	53
40.5	115.6	12910 7	175.0	-61.7	99.9	253 3	10.6	10.2	3 0	348 2	999.9	99 9	999 9	12 0	56
43.8	121.2	13859 6	150.0	-62.9	99.9	262.7	11 9	11 8	1 5	361 7	999 9	99 9	999 9	14 0	59
47 6	127.5	14986.7	125.0	-62.7	99.9	281 0	11 8	11 6	-2.2	381 5	999 9	99 9	999 9	16 4	65
52.5	134.3	16372.8	100 0	-60.7	99.9	291 8	7 3	6 8	-2.7	.10 4	999 9	99 9	999 9	18 0	71
57.8	141.7	18147.8	75.0	-62.6	99.9	337.7	4 4	1.7	-4 0	441 7	999.9	99 9	999.9	19 4	74
65.6	150.0	20665 9	50.0	-60.4	99.9	9.6	4 1	-0 7	-4 1	501 1	999.9	99 9	999.9	18 3	78
78.3	158 7	25052.5	25.0	-53.8	99.9	96 5	4 1	-4 1	0.5	630 2	999.9	99 9	999 9	15 3	77

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO

2 MAY 1982
515 GMT

146 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.5	1472.0	853.0	15.6	3.7	120.0	2.1	-1.8	1.0	302.2	318.7	5.9	45.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	21.8	1502.0	850.0	15.9	3.8	999.9	99.9	99.9	99.9	302.8	319.5	6.0	44.5	999.9	999
0.9	24.4	1756.3	825.0	16.3	2.6	999.9	99.9	99.9	99.9	305.8	321.9	5.6	39.8	999.9	999
1.7	27.0	2016.9	800.0	14.1	1.6	999.9	99.9	99.9	99.9	306.2	321.6	5.4	42.6	999.9	999
2.6	29.7	2284.5	775.0	12.8	0.7	119.1	2.4	-2.1	1.2	307.6	322.6	5.2	43.5	0.2	278
3.5	32.4	2559.0	750.0	10.8	0.1	125.5	2.6	-2.1	1.5	308.3	323.2	5.2	47.7	0.3	287
4.3	35.1	2840.6	725.0	8.7	-0.4	156.5	4.2	-1.7	3.8	309.1	324.0	5.1	52.6	0.5	297
5.4	37.9	3129.9	700.0	6.1	-2.2	185.7	5.2	0.5	5.2	309.3	322.9	4.6	54.9	0.7	318
6.4	40.7	3427.2	675.0	4.1	-4.4	192.0	4.9	1.0	4.8	310.2	322.4	4.1	54.0	0.9	335
7.4	43.6	3733.0	650.0	1.4	-6.5	177.8	5.4	-0.2	5.4	310.6	321.4	3.6	55.5	1.2	343
8.3	46.4	4047.7	625.0	-1.0	-8.7	170.9	6.0	-0.9	5.9	311.4	320.9	3.2	55.7	1.5	344
9.4	49.3	4372.0	600.0	-4.0	-10.2	181.1	5.6	0.1	5.6	311.5	320.4	2.9	62.2	1.9	346
10.5	52.3	4706.4	575.0	-6.7	-11.9	191.1	4.3	0.8	4.2	312.2	320.3	2.7	66.0	2.2	350
11.7	55.3	5051.8	550.0	-9.7	-12.1	190.8	4.6	0.9	4.5	312.5	320.9	2.7	82.9	2.5	352
13.8	58.4	5409.7	525.0	-12.0	-15.2	199.1	4.3	1.4	4.1	314.0	320.9	2.2	77.2	2.8	355
14.0	61.5	5781.8	500.0	-14.4	-16.4	197.9	3.5	1.1	3.3	315.5	322.1	2.1	84.8	3.0	357
15.1	64.7	6169.5	475.0	-16.6	-19.6	202.1	4.9	1.9	4.6	317.5	322.9	1.7	77.2	3.2	358
16.3	68.0	6574.0	450.0	-19.3	-23.1	211.1	5.9	3.0	5.0	319.0	323.3	1.3	71.3	3.6	1
17.7	71.4	6997.3	425.0	-22.1	-23.6	211.6	4.4	2.3	3.8	320.6	325.0	1.3	87.7	4.0	5
19.4	74.9	7440.6	400.0	-25.1	-29.9	203.8	4.4	1.8	4.0	322.3	325.0	0.8	64.5	4.4	7
21.1	78.3	7907.0	375.0	-28.4	-33.8	213.3	6.3	3.5	5.3	324.0	326.0	0.6	59.6	4.9	9
22.8	82.0	8398.2	350.0	-31.8	-42.4	224.9	7.0	5.0	5.0	325.9	326.9	0.3	33.8	5.5	13
24.5	85.8	8918.1	325.0	-35.9	-49.1	231.5	7.1	5.6	4.4	327.1	327.6	0.1	24.2	6.1	17
26.5	89.8	9468.3	300.0	-41.0	99.9	239.3	7.4	6.3	3.8	327.6	999.9	99.9	999.9	6.8	21
28.6	94.0	10053.4	275.0	-46.1	99.9	251.7	7.5	7.1	2.4	328.4	999.9	99.9	999.9	7.5	26
30.8	98.3	10680.4	250.0	-51.1	99.9	256.2	7.7	7.5	1.8	330.1	999.9	99.9	999.9	8.2	31
33.5	103.0	11357.2	225.0	-56.3	99.9	267.0	9.3	9.3	0.5	332.2	999.9	99.9	999.9	9.0	38
36.1	107.8	12098.1	200.0	-60.3	99.9	253.4	10.5	10.1	3.0	337.3	999.9	99.9	999.9	10.2	44
39.1	113.2	12923.7	175.0	-64.2	99.9	245.5	11.0	10.0	4.6	343.9	999.9	99.9	999.9	12.1	48
42.4	118.8	13872.6	150.0	-59.8	99.9	261.0	11.2	11.1	1.7	367.0	999.9	99.9	999.9	14.1	51
46.5	125.2	[illegible]	125.0	-59.2	99.9	265.8	10.6	10.5	0.8	387.8	999.9	99.9	999.9	16.5	56
51.4	132.7	16409.2	100.0	-60.7	99.9	314.2	3.2	2.3	-2.2	410.6	999.9	99.5	999.9	18.3	60
57.3	141.0	18183.4	75.0	-63.1	99.9	319.2	3.1	2.0	-2.4	440.7	999.9	99.9	999.9	18.1	61
65.3	150.5	20698.6	50.0	-60.8	99.9	127.9	4.8	-3.8	2.9	500.2	999.9	99.9	999.9	1[illegible].5	62
76.4	161.0	25099.3	25.0	-54.8	99.9	999.9	99.9	99.9	99.9	627.0	999.9	99.9	999.9	14.4	56

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ORIGINAL PAGE IS
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STATION NO. 476
GRAND JUNCTION, COLORADO

2 MAY 1982
1105 GMT

112 102 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.3	1472.0	853.5	11.7	1.1	110.0	4.1	-3.9	1.4	298.1	311.6	4.9	48.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	21.7	1506.5	850.0	12.1	1.4	137.6	5.2	-3.5	3.8	298.8	312.7	5.0	48.0	0.1	344
0.8	24.2	1757.2	825.0	13.0	1.8	158.3	6.1	-2.2	5.6	302.3	317.3	5.3	46.6	0.3	334
1.6	26.9	2016.2	800.0	13.2	1.8	152.0	3.5	-1.7	3.1	305.2	320.7	5.4	45.7	0.6	334
2.4	29.5	2282.6	775.0	11.3	1.2	71.2	0.9	-0.8	-0.3	305.9	321.4	5.4	50.1	0.7	334
3.4	32.2	2555.4	750.0	8.7	1.2	324.0	2.9	1.7	-2.3	306.0	322.0	5.6	59.4	0.6	330
4.4	34.9	2835.1	725.0	6.5	0.5	282.1	3.2	3.2	-0.7	306.6	322.3	5.5	65.7	0.4	349
5.4	37.7	3122.6	700.0	4.7	-1.5	237.8	3.5	3.0	1.9	307.7	321.9	4.9	64.5	0.5	11
6.4	40.4	3418.2	675.0	2.4	-2.4	209.7	3.8	1.9	3.3	308.4	322.3	4.8	70.5	0.6	23
7.5	43.2	3722.5	650.0	0.2	-4.2	179.2	4.8	-0.1	4.8	309.2	321.8	4.3	72.1	0.9	18
8.6	46.1	4035.9	625.0	-2.3	-5.5	179.6	5.1	-0.0	5.1	309.8	321.9	4.1	78.6	1.2	12
9.7	49.0	4359.0	600.0	-4.5	-8.7	184.8	5.0	0.4	5.0	310.9	320.9	3.3	72.5	1.6	10
10.9	52.0	4693.4	575.0	-6.4	-13.3	197.5	4.9	1.5	4.7	312.4	319.8	2.4	58.0	1.9	10
12.1	55.0	5040.2	550.0	-7.8	-18.3	200.6	5.3	1.9	5.0	314.9	320.1	1.6	42.8	2.3	12
13.4	58.0	5400.7	525.0	-10.0	-19.6	207.7	6.5	3.0	5.7	316.5	321.4	1.5	44.9	2.7	14
14.7	61.3	5775.1	500.0	-13.0	-23.3	226.6	6.8	5.0	4.7	317.2	321.0	1.2	42.2	3.2	17
16.0	64.4	6164.2	475.0	-15.9	-22.6	239.2	6.5	5.6	3.3	318.4	322.6	1.3	56.1	3.7	23
17.6	67.7	6569.5	450.0	-18.8	-27.8	229.3	5.3	4.0	3.4	319.6	322.5	0.9	44.8	4.1	27
19.0	71.0	6993.5	425.0	-21.2	-31.7	227.8	4.7	3.5	3.1	321.9	324.0	0.6	37.8	4.5	26
20.6	74.4	7438.3	400.0	-24.4	-32.7	252.0	5.8	5.5	1.8	323.2	325.3	0.6	45.8	4.9	31
22.2	78.0	7904.8	375.0	-28.2	-32.8	257.7	5.8	5.7	1.2	324.3	326.5	0.6	64.6	5.3	36
23.9	81.7	8396.3	350.0	-31.9	-40.2	253.6	5.0	4.8	1.4	325.8	327.0	0.3	43.[illegible]	5.7	39
25.6	85.5	8915.6	325.0	-36.3	-45.6	252.1	6.8	6.4	2.1	326.6	327.4	0.2	37	6.2	43
27.6	89.5	9465.1	300.0	-41.3	99.9	234.0	7.9	6.4	4.6	327.2	999.9	99.9	999.9	7.0	44
29.7	93.7	10050.1	275.0	-45.9	99.9	258.9	10.0	9.8	1.9	328.8	999.9	99.9	999.9	8.0	47
32.1	98.0	10677.7	250.0	-50.7	99.9	255.6	7.8	7.6	1.9	330.6	999.9	99.9	999.9	9.2	52
34.5	102.7	11356.3	225.0	-55.6	99.9	261.9	6.5	6.4	0.9	333.0	999.9	99.9	999.9	10.1	54
37.1	107.6	12096.1	200.0	-61.7	99.9	268.4	6.2	6.2	0.2	335.1	999.9	99.9	999.9	10.9	57
40.0	113.0	12914.2	175.0	-66.2	99.9	249.0	8.7	8.1	3.1	340.7	999.9	99.9	999.9	12.0	59
43.2	118.7	13861.4	150.0	-60.4	99.9	252.2	11.1	10.6	3.4	366.0	999.9	99.9	999.9	14.2	61
47.3	125.2	15000.5	125.0	-59.4	99.9	250.4	10.4	9.7	3.5	387.4	999.9	99.9	999.9	16.6	61
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLNOIS

1 MAY 1982
1100 GMT

165 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6 8	200.0	999.3	10.6	6 7	220.0	1.6	1.0	1 2	283.8	299 8	6 2	77 0	0 0	0
99.9	99 9	99.9	1000.0	99 9	99 9	99.9	99.9	99 9	99 9	39 9	999 9	99 9	999 9	999 9	999
0.8	9.3	408.5	975.0	15.5	6.3	999.9	99.9	99.9	99.9	290.8	307 1	6 2	54 2	999 9	999
1.6	12.0	628.7	950.0	14.8	3 9	999 9	99.9	99.9	99 9	292 2	306 6	5 4	48 1	999 9	999
2.3	14 6	853 7	925.0	12.9	2 5	339.0	3.7	1.3	-3 5	292 5	305 9	5 0	49 2	0 4	143
3 0	17 2	1083.1	900.0	11.1	1 5	343.9	4.3	1.2	-4.1	292 9	305.9	4 7	51 5	0 6	149
3.4	19 9	1317 3	875.0	8.8	0 7	342 5	4.8	1.4	-4 6	292 9	305 5	4 6	57 0	0 8	153
4.4	22.6	1556.2	850.0	6.2	-0 6	346.3	4.1	1.0	-4.0	292.7	304.5	4 3	61 6	1.0	155
5.2	25 3	1800 1	825.0	4.0	-1 0	341.4	4.0	1 3	-3 7	292.8	304 7	4 3	70 0	1 1	156
5.9	28 1	2049.4	800.0	1 4	-1 6	345 3	4.1	1.0	-4 0	292.7	304.3	4 3	80.3	1 3	157
6.6	30.8	2304.5	775.0	-0.6	-1 4	345.6	3.7	0.9	-3.6	293 2	305 4	4 5	94 2	1 5	158
7.4	33 4	2565.5	750.0	-3.5	-12 3	316.9	5 1	3 5	-3.7	292.8	299 8	2 5	62 4	1 7	158
8.3	36.3	2836.6	725.0	1 4	-19 1	299.3	7.0	6 1	-3.4	301 1	304 6	1 2	19 9	2.0	152
9.3	39.2	3118.0	700.0	-0.3	-20.2	299.8	7.4	6.4	-3 7	302 2	305 6	1 1	20.4	2.3	146
10.3	42.1	3407.7	675.0	-2.4	-21.8	303 5	6.9	5.7	-3.8	302 9	306 0	1 0	20.9	2 7	142
11.3	45.1	3706.3	650.0	-3.9	-23 0	313.3	7.3	5.3	-5.0	304 5	307 4	0 9	21 0	3 1	140
12.4	48.0	4014.8	625.0	-5.6	-24.3	320 5	8.3	5.3	-6.4	306.1	308 8	0.8	21.1	3 6	140
13.4	51.0	4333.7	600.0	-7.5	-25 9	317 5	10 3	7.0	-7 6	307 4	309 9	0 8	21 [illegible]	4 2	140
14.5	54.0	4663.2	575.0	-10.4	-26.1	311.4	11.3	8.5	-7 5	307 8	310 3	0 8	26.[illegible]	4 9	139
15.6	57.1	5003.3	550.0	-13.6	-28.9	303 6	12.7	10.6	-7 0	308 0	310 0	0 6	26 1	5 7	138
16 9	60.3	5356 4	525.0	-14 9	-31 1	292.8	14.2	13.1	-5 5	310 6	312 4	0 5	23 4	6 7	135
18.3	63.4	5723 9	500.0	-17.3	-33 3	287.7	15.2	14 5	-4.6	312 0	313 6	0 5	23 2	7.8	131
19.5	66.8	6106.4	475.0	-20.0	-36.0	290.6	16.8	15.7	-5.9	313 3	314 5	0 4	22 3	8.9	128
21.1	70.0	6504.9	450.0	-23.1	-38.2	297 6	18.8	18 6	-8 7	314 3	315.3	0 3	23.4	10 5	126
22.6	73 4	6921.1	425.0	-26.8	-40 4	303.8	19.2	15 9	-10.7	314 7	315 6	0 3	26.1	12 3	125
24.1	76 9	7355.0	400.0	-30.7	-43.6	308.1	18.4	14.5	-11.3	315 1	315 8	0 2	26 7	14 0	125
25.9	80 6	7809.6	375.0	-34.5	-45.7	305.1	19.3	15 8	-11 1	315 9	316 5	0 2	30 8	15 9	126
27.7	84 3	82[illegible].0	350.0	-38.5	-49.3	303.1	20.4	17 1	-11 2	316 8	317.2	0 1	30 8	18.1	125
29.6	88 1	879.1	325.0	-42.3	99.9	306.9	22.1	17 6	-13.3	318.4	999.9	99 9	999 9	20 5	125
31.7	92.0	9329.7	300.0	-46.1	29 9	311 8	25.1	18.7	-16 7	320 4	999 9	99 9	999 9	23 5	126
34.0	96.3	9905.0	275.[illegible]	-47.3	99 9	309.1	26.8	20 8	-16 9	326 8	999 9	99 9	999 9	27.0	126
36.2	100.7	10522.1	250.[illegible]	-55.1	[illegible].9	303 7	28.4	21 9	-14.6	324 2	999 9	99 9	999 9	30.7	127
38.7	105.3	11188.0	225.0	-59.4	99.9	294.2	30.3	27.7	-12 4	327 5	999.9	99 9	999 9	34.6	126
41.4	110.2	11922.1	200.0	-60.7	99.9	289.5	32.2	30 4	-10.7	336 6	999.9	99 9	999 9	39.8	124
44.5	115.5	12756.6	175.0	-58.9	99.9	290.9	26.9	25.1	-9 6	352.8	999 9	99 9	999.9	45 2	122
48.1	121.4	13726.0	150.0	-57 7	99.9	294.5	22 5	20 4	-9.3	370 7	999 9	99 9	999 9	50 6	121
52.4	128 0	14874.7	125.0	-59.0	99 9	296.3	16.8	15 1	-7 4	388 1	999 9	99 9	999 9	55.3	121
57.2	135.3	16260.3	100.0	-57.5	99.9	294.7	11.9	10.9	-5.0	416 6	999 9	99 9	999 9	59.5	120
63.1	143 7	18093.7	75.0	-56.5	99.9	310 3	7.2	5 5	-4 6	454 4	999 9	99 9	999 9	63 0	120
71.2	154 0	20672.5	50.0	-55.0	99.9	298.7	4.1	3.6	-2 0	513 9	999 9	99 9	999 9	64 8	121
83.2	165 0	25137.8	25.0	-52.0	99 9	999.9	99 9	99 9	99 9	635 1	999 9	99 9	999 9	83 6	122

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

STATION NO. 532
PEORIA, ILLNOIS

1 MAY 1982
1415 GMT

155 25 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	200 0	1000 2	15.0	8 3	300.0	1.8	1.4	-0 8	288 1	306 1	6.9	64 0	0 0	0
0.0	6.5	201 7	1000 0	15 0	8.?	999.9	99.9	99.9	99 9	288.2	306 1	3 9	63.9	999 9	999
0.8	9.0	416 4	975 0	15 2	4.5	999.9	99.9	99.9	99.9	290 4	305.0	5 4	48.9	999 9	999
1.6	11.5	636 5	950 0	14.8	0 3	999.9	99.9	99.9	99.9	292 2	303 5	4 1	37 0	999 9	999
2.6	14.0	861 2	925 0	13 0	-0.7	999.9	99 9	99 9	99 9	292 6	303 5	3 9	38 8	999 9	999
3.4	16.5	1090.5	900 0	10 9	-1.6	28.0	2.6	-1.2	-2.3	292 8	303.2	3.8	41 7	0 5	202
4.2	19.0	1324 5	875 0	8 7	-2.3	7.8	2.1	-0.3	-2.1	292.8	303 0	3 7	46 0	0 6	202
5.0	21.6	1563 6	850 0	6 8	-2.1	352.8	2.3	0.3	-2 3	293.3	304.0	3.9	52.8	0 7	98
5.9	24.2	1808.1	825 0	4.7	-2.4	346 2	2.6	0.6	-2.5	293.6	304.3	3 9	60 0	0 8	194
6.7	26.8	2057.9	800 0	2 2	-2.4	344.5	2.8	0.7	-2 7	293.6	304.6	4.0	71.3	0 9	190
7.7	29.4	2313.3	775 0	-0.4	-3 0	320 8	2.7	1.7	-2 1	293.4	304.4	4.0	82 6	1 1	185
8.7	32.1	2574.7	750.0	-3.0	-3.6	322.8	3.9	2.3	-3 1	293 3	304 1	3 9	95.3	1 2	179
9.7	34.8	2845 0	725 0	1.4	-15.3	315.3	6.8	4.8	-4 8	301.0	305 8	1.6	27 5	1 4	172
10.8	37.6	3126.8	700.0	0.0	-16.6	306 9	8.8	7.0	-5.3	302.5	307 0	1.5	27.3	1 9	161
11.8	40.3	3416.9	675.0	-2.0	-18.4	296 8	8.2	7.4	-3 7	303 5	307.6	1.3	27.1	2.3	152
13.0	43.2	3718.2	650.0	-3.1	-19.6	293 9	7.2	6 5	-2.9	305 5	309.3	1 2	26.4	2.7	145
14.1	46.0	4025.7	625.0	-4.6	-20.9	295.2	7.9	7.2	-3.4	307 2	310.8	1.1	26.5	3 2	141
15.3	48.9	4345.8	600.0	-6.2	-21.3	299.1	9.7	8.4	-4 7	308.9	312 6	1.2	29.1	3 7	137
16.5	51.9	4676.7	575.0	-9.3	-22.7	308.0	11.8	9.3	-7.3	309 1	312 5	1.1	32 6	4 5	135
17.9	54.9	5018 2	550.0	-12.6	-25.1	311.9	15.5	11.5	-10 3	309 2	312 1	0 9	33 9	5 7	134
19.3	57.9	5372 3	525.0	-14 4	-27 0	308.0	16.6	13.1	-10.2	311 1	313 7	0 8	33.2	7 1	133
20.8	61.0	5740.7	500.0	-16 4	-29.8	302.3	17.1	14.5	-9.2	313.0	315.2	0.6	30 3	8 5	132
22.4	64.1	6125.1	475.0	-18 7	-32.9	294.9	18.8	17.1	-7 9	314.8	316.5	0.5	27 2	10 2	130
23.9	67.4	6525.8	450.0	-21.9	-35.3	290.4	19.2	18 0	-6.7	315.8	317.2	0 4	28 3	11 9	127
25.5	70.8	6943.7	425.0	-25.4	-37.7	292.6	19.1	17.6	-7.4	316.5	317 7	0.3	30.4	13 6	125
27.2	74.1	7379.9	400.0	-29.6	-41.4	295.0	19.9	18.0	-8.4	316.5	317.4	0.2	30.6	15 6	124
29.0	77.7	7837 1	375 0	-33 2	-43.4	297.1	21 9	19.5	-10 0	317.7	318.5	0.2	34.5	17 7	123
30.8	81.2	8317.8	350 0	-37.3	-46.6	303.4	21 9	18.3	-12.0	318.4	319.0	0 2	37.0	20 1	122
32.8	85.0	8825.8	325 0	-41.4	99.9	304.5	23 7	19.5	-13.4	319 6	999 9	99 9	999 9	22 8	123
34.9	89.0	9364.2	300 0	-45.6	99 9	304 3	25 2	20.8	-14 2	321 1	999 9	99 9	999.9	25 9	123
37.1	93.0	9939.5	275.0	-48.8	99.9	302.9	25.7	21.5	-14.0	324.6	999.9	99 9	999.9	29 3	123
39.6	97.3	10559.0	250.0	-53.6	99.9	298.7	26.1	22.9	-12.5	326 4	999 9	99.9	999 9	33 1	123
42.1	102.0	11228 6	225 0	-59.3	99.9	295.4	27.4	24.8	-11.8	327 6	999 9	99 9	999.9	37 0	122
44.5	106.8	11982.2	200 0	-61.9	99.9	290.1	29.9	28.1	-10.3	334 8	999 9	99.9	999.9	41.2	121
47.6	112.2	12793 8	175 0	-58.0	99 9	292.7	26.6	24 5	-10 3	354.2	999.9	99 9	999 9	46 4	120
50.9	117.8	13764.4	150 0	-56.6	99.9	300 3	21.1	18.2	-10.6	372.7	999 9	99 9	999 9	51 3	120
54.9	124.2	14915.8	125 0	-57.9	99.9	293 7	15.6	14.3	-6.3	390.3	999.9	99 9	999 9	55.4	120
59.5	131.3	16328.5	100.0	-55.7	99.9	298 2	11 3	10 0	-5 4	420.1	999 9	99 9	999 9	59 3	119
66.3	140.0	18149.5	75.0	-56.0	99.9	310 6	7 1	5.4	-4 6	455 5	999 9	99 9	999 9	62 4	119
74.6	149.3	20748.7	50.0	-53.1	99.9	27.9	3.4	-1 6	-3 0	518 5	999 9	99 9	999 9	64 6	120
88.0	160.0	25229 7	25.0	-51.3	99.9	999.9	99.9	99 9	99 9	637 2	999 9	99 9	999 9	999 9	999

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ORIGINAL PAGE IS
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STATION NO 532
PEORIA, ILLINOIS

1 MAY 1982
1715 GMT

162 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MA RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	200.0	1000.0	21.1	4.6	220.0	1.6	1.0	1.2	294.3	308.8	5.3	34.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.3	417.6	975.0	18.2	-3.9	999.9	99.9	99.9	99.9	293.4	301.7	2.9	22.0	999.9	999
1.6	11.8	636.6	950.0	15.6	-1.2	999.9	99.9	99.9	99.9	293.0	303.2	3.7	31.6	999.9	999
2.5	14.4	864.0	925.0	13.7	-0.3	266.3	1.2	1.2	0.1	293.3	304.4	4.0	38.1	0.4	56
3.3	16.9	1093.8	900.0	11.7	-0.6	297.8	1.0	0.9	-0.5	293.6	304.8	4.1	42.4	0.4	61
4.0	19.6	1328.4	875.0	9.4	-0.4	342.6	0.8	0.2	-0.8	293.6	305.2	4.2	50.2	0.4	66
4.6	22.3	1568.1	850.0	7.3	-0.1	20.1	0.7	-0.2	-0.7	293.8	306.1	4.5	59.4	0.4	69
5.5	24.9	1812.8	825.0	5.0	-0.1	329.3	1.4	0.7	-1.2	293.9	306.5	4.6	69.7	0.4	72
6.2	27.5	2062.7	800.0	2.0	-0.6	318.7	2.4	1.6	-1.8	293.3	305.9	4.6	82.8	0.5	82
6.9	30.2	2318.2	775.0	-0.3	-1.5	325.4	2.8	1.6	-2.3	293.5	305.6	4.4	91.7	0.5	93
7.7	32.9	2579.8	750.0	-2.2	-3.0	327.1	3.8	2.1	-3.2	294.2	305.5	4.1	94.3	0.8	104
8.7	35.7	2849.1	725.0	-0.3	-15.7	320.7	6.5	4.1	-5.0	299.1	304.1	1.7	36.4	0.9	117
9.8	38.6	3130.8	700.0	0.3	-20.2	306.3	7.5	6.1	-4.5	302.9	306.3	1.1	19.6	1.4	124
10.8	41.3	3420.9	675.0	-2.8	-22.3	289.0	8.1	7.7	-2.6	302.5	305.5	0.9	20.5	1.8	122
11.7	44.2	3720.3	650.0	-2.7	-22.7	280.8	8.5	8.3	-1.6	305.9	308.9	0.9	19.7	2.3	118
12.7	47.1	4029.9	625.0	-4.7	-23.8	282.3	9.2	9.0	-2.0	307.1	310.0	0.9	20.6	2.8	115
13.8	50.1	4350.0	600.0	-6.4	-24.7	287.9	9.8	9.3	-3.0	308.7	311.5	0.9	21.7	3.4	113
14.9	53.1	4680.9	575.0	-9.2	-26.0	293.0	10.7	9.9	-4.2	309.2	311.8	0.8	24.0	4.1	113
16.0	56.1	5023.2	550.0	-11.6	-26.1	293.8	13.2	12.1	-5.3	310.3	312.9	0.8	28.8	4.8	113
17.1	59.3	5377.6	525.0	-14.8	-28.3	298.4	15.6	13.7	-7.4	310.7	313.0	0.7	30.3	5.8	113
18.3	62.4	5745.1	500.0	-17.6	-31.5	300.8	16.8	14.4	-8.6	311.6	313.4	0.5	28.4	6.9	114
19.6	65.6	6127.6	475.0	-19.0	-34.8	301.5	17.7	15.1	-9.3	314.5	315.9	0.4	23.1	8.3	116
21.1	68.9	6528.0	450.0	-21.6	-35.6	299.8	18.8	16.3	-9.3	316.1	317.5	0.4	26.8	9.9	117
22.6	72.3	6946.7	425.0	-24.8	-40.1	293.3	20.4	18.8	-8.1	317.2	318.2	0.3	22.5	11.7	117
24.1	75.7	7384.1	400.0	-29.0	-43.6	293.1	21.1	19.4	-8.3	317.4	318.1	0.2	22.7	13.5	116
25.5	79.3	7841.8	375.0	-32.8	-45.2	298.7	21.8	19.1	-10.5	318.2	318.9	0.2	27.3	15.4	116
27.0	83.0	8323.5	350.0	-36.5	-47.0	303.7	22.7	18.9	-12.6	319.6	320.2	0.2	32.4	17.3	116
28.6	86.7	8832.9	325.0	-40.8	99.9	306.5	22.9	18.4	-13.6	320.4	999.9	99.9	999.9	19.5	118
30.2	90.7	9371.9	300.0	-45.4	99.9	304.9	23.0	18.8	-13.1	321.4	999.9	99.9	999.9	21.7	118
31.9	94.8	9945.8	275.0	-49.9	99.9	305.1	24.5	20.1	-14.1	323.0	999.9	99.9	999.9	24.1	119
33.7	99.2	10563.6	250.0	-53.5	99.9	301.3	26.1	22.3	-13.6	326.5	999.9	99.9	999.9	26.8	120
35.6	103.8	11233.3	225.0	-58.7	99.9	296.1	27.8	24.9	-12.2	328.6	999.9	99.9	999.9	29.8	119
37.8	108.8	11966.6	200.0	-61.1	99.9	289.9	26.6	25.0	-9.0	335.0	999.9	99.9	999.9	33.4	119
40.3	114.2	12798.4	175.0	-59.5	99.9	293.1	24.8	22.8	-9.8	351.8	999.9	99.9	999.9	37.2	118
43.5	120.0	13765.4	150.0	-57.3	99.9	290.4	16.3	17.1	-6.4	371.4	999.9	99.9	999.9	41.3	118
47.3	126.5	14916.6	125.0	-57.9	99.9	283.4	15.1	14.7	-3.5	390.2	999.9	99.9	999.9	44.8	116
51.7	133.7	16324.8	100.0	-58.7	99.9	295.4	11.9	10.7	-5.1	414.3	999.9	99.9	999.9	48.6	116
57.7	142.3	18141.9	75.0	-55.4	99.9	311.6	8.3	6.2	-5.5	456.8	999.9	99.9	999.9	52.4	116
67.0	151.7	20738.8	50.0	-53.4	99.9	355.1	2.8	0.2	-2.8	517.7	999.9	99.9	999.9	53.9	117
76.6	162.5	25228.6	25.0	-50.0	99.9	43.3	4.1	2.8	-3.0	641.2	999.9	99.9	999.9	53.4	118

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2015 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 T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM (160 / 10 / 0)	AZ DG
0.0	6.8	200.0	998.8	21.7	5.2	230.0	1.0	0.8	0.6	295.0	310.1	5.6	34.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.3	257.6	975.0	18.9	-0.9	999.9	99.9	99.9	99.9	294.2	304.4	3.7	26.2	999.9	999
1.5	11.[illegible]	629.4	950.0	16.7	-1.1	999.9	99.9	99.9	99.9	294.2	304.5	3.7	29.7	999.9	999
2.2	14.5	855.6	925.0	14.6	-0.9	280.4	3.2	3.2	-0.6	294.3	305.1	3.9	34.4	0.3	77
2.7	17.1	1066.3	900.0	12.6	-0.6	291.8	3.2	3.0	-1.2	294.5	305.8	4.1	40.0	0.4	85
3.4	19.7	1321.6	875.0	10.5	-0.5	295.2	3.3	3.0	-1.4	294.7	306.3	4.2	48.4	0.5	91
4.2	22.3	1562.1	850.0	7.8	-1.2	295.0	3.6	3.2	-1.5	294.4	305.8	4.1	52.7	0.7	97
5.1	25.0	1807.6	825.0	5.7	-1.2	290.5	2.8	2.6	-1.0	294.6	305.4	4.2	61.0	0.9	100
6.0	27.7	2058.6	800.0	3.7	-1.8	299.9	3.7	3.2	-1.8	295.1	306.7	4.2	67.1	1.0	103
6.9	30.4	2315.5	775.0	0.9	-2.0	314.1	4.2	3.0	-2.9	294.8	306.6	4.3	80.7	1.2	105
8.0	33.1	2578.2	750.0	-1.3	-2.2	341.1	4.1	1.3	-3.8	295.2	307.2	4.4	93.9	1.4	114
9.1	36.0	2847.5	725.0	-3.7	-4.4	335.1	4.3	1.8	-3.9	295.4	306.0	3.8	94.3	1.6	121
10.2	38.8	3126.1	700.0	-0.7	-18.7	307.9	6.1	4.8	-3.8	301.7	305.6	1.2	24.0	1.9	124
11.1	41.6	3416.1	675.0	-1.8	-19.2	293.5	8.7	8.0	-3.5	303.5	307.4	1.2	25.0	2.3	123
12.1	44.4	3715.6	650.0	-2.7	-19.9	286.8	10.6	10.2	-3.1	306.0	309.7	1.2	25.0	2.9	121
13.1	47.3	4025.4	625.0	-4.5	-21.3	285.6	12.4	11.9	-3.3	307.3	310.8	1.1	25.6	3.6	118
14.2	50.3	4345.4	600.0	-7.0	-23.2	288.1	13.0	12.3	-4.0	308.0	311.1	1.0	26.2	4.4	115
15.4	53.3	4675.8	575.0	-8.4	-23.4	295.2	13.8	12.5	-5.9	309.0	312.2	1.0	30.9	5.3	115
16.7	56.4	5017.6	550.0	-11.9	-25.0	299.3	14.5	12.7	-7.1	310.0	312.9	0.9	32.5	6.4	115
18.1	59.4	5372.0	525.0	-14.7	-28.0	296.7	15.5	13.9	-7.0	310.8	313.1	0.7	31.0	7.7	116
19.4	62.5	5739.7	500.0	-17.4	-30.6	298.7	17.6	15.4	-8.4	311.8	313.8	0.6	30.6	9.0	116
21.0	65.8	6122.2	475.0	-19.6	-32.8	299.9	18.0	15.6	-9.0	313.7	315.5	0.5	29.8	10.7	117
22.4	69.1	6522.1	450.0	-22.4	-33.1	301.3	17.9	15.3	-9.3	315.0	316.8	0.5	36.8	12.2	117
24.0	72.4	6939.6	425.0	-25.7	-34.8	302.3	18.6	15.7	-9.9	316.1	317.7	0.5	41.6	13.9	118
25.6	75.9	7375.9	400.0	-28.9	-39.8	297	20.7	18.4	-9.5	317.4	318.5	0.3	33.9	15.8	118
27.4	79.4	7833.5	375.0	-33.1	-43.0	296.8	21.2	18.9	-9.6	317.9	318.7	0.2	36.0	18.0	118
29.2	83.1	8314.8	350.0	-37.3	-45.5	300.2	20.8	18.0	-10.4	318.4	319.1	0.2	41.5	20.3	118
30.9	86.9	8821.8	325.0	-41.5	99.9	300.3	20.1	17.4	-10.2	319.4	999.9	99.9	999.9	22.4	118
33.0	90.8	9359.7	300.0	-45.7	99.9	302.5	22.2	18.7	-11.9	321.0	999.9	99.9	999.9	25.0	118
35.1	94.8	9934.8	275.0	-49.5	99.9	296.3	23.9	21.4	-10.6	323.6	999.9	99.9	999.9	28.0	119
37.4	98.2	10553.8	250.0	-53.8	99.9	292.2	24.7	22.8	-9.3	326.4	999.9	99.9	999.9	31.2	118
39.8	103.8	11221.7	225.0	-59.7	99.9	292.0	26.0	24.1	-9.7	327.1	999.9	99.9	999.9	34.6	118
42.4	108.6	11951.6	200.0	-63.3	99.9	294.5	27.7	25.2	-11.5	332.6	999.9	99.9	999.9	39.0	117
45.2	113.8	12783.3	175.0	-59.2	99.9	298.4	23.4	20.6	-11.1	352.2	999.9	99.9	999.9	43.3	117
48.6	119.5	13751.3	150.0	-58.0	99.9	290.5	19.5	18.3	-6.9	370.2	999.9	99.9	999.9	47.7	117
52.5	125.7	14896.0	125.0	-58.7	99.9	292.5	17.8	16.4	-6.8	388.8	999.9	99.9	999.9	52.0	116
57.3	132.7	16303.4	100.0	-58.8	99.9	298.0	12.8	11.3	-6.0	414.5	999.9	99.9	999.9	56.2	116
63.5	140.3	18126.6	75.0	-55	99.9	301.0	6.9	5.9	-3.5	455.7	999.9	99.9	999.9	59.6	117
71.7	149.3	20722.0	50.0	-54.6	99.9	330.3	3.7	1.8	-3.2	514.8	999.9	99.9	999.9	61.5	117
84.4	159.3	25192.3	25.0	-51.1	99.9	283.1	5.2	5.1	0.6	638.1	999.9	99.9	999.9	61.1	119

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 532
PEORIA, ILLNOIS

1 MAY 1982
2300 GMT

163 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7 .	200.0	998.0	21 1	7 0	250 0	1.6	1.5	0.5	294 4	311 4	6 3	40.0	0 0	0
99.9	99 9	99.9	1000.0	99.9	99 9	99 9	99.9	99.9	99.9	99 9	999 9	99 9	999 9	999 9	999
0.9	9.5	400.9	975.0	18 8	-1 4	999 9	99.9	99.9	99.9	294 1	303 9	3 5	25 4	999 9	999
1.4	12 1	622.7	950.0	18 7	-0 9	999 9	99.9	99.9	99 9	294 2	303 7	3 8	30 2	999 9	999
2.3	14.8	848.8	925.0	14.6	-1 2	319 7	1.8	1.2	-1 4	294 3	304.8	3.8	33.7	0 2	134
3.2	17.5	1079.5	900.0	12 5	-2 1	315 6	1.9	1.3	-1 3	294 4	304 6	3 6	38 1	0 3	136
4.1	20.2	1314.8	875.0	10 5	-2 3	316 7	1.8	1.2	-1 3	294 7	305 0	3 7	40 9	0 4	135
4.9	22 9	1555.2	850.0	8 1	-2 7	316 3	2 5	1 7	-1 8	294 6	304 9	3 7	46 3	0 5	136
5.8	25 5	1800.9	825.0	6.2	-2 0	322 2	3.2	2.0	-2.6	295 2	306 3	4 0	55.7	0 6	136
6.7	28.2	2052.1	800.0	3 7	-3 3	315 3	3 7	2.8	-2 6	295 1	305 5	3 8	60 2	0 8	138
7.6	31 0	2309.0	775.0	1.4	-4 0	308 5	3 8	3.0	-2.4	295 3	305 5	3 7	67 2	1 0	136
8.5	33.8	2572.3	750.0	-0 9	-4.6	316 6	3.8	2.6	-2.8	295 7	305 8	3 6	75.5	1 2	135
9 4	36 6	2841.9	725.0	-3 6	-5.2	312 2	4.6	3 4	-3 1	295 6	305 6	3 6	88 5	1 5	136
10 4	39.4	3120.7	700.0	-1.6	-17.6	301 4	6.6	5.7	-3 5	300 7	304 8	1 3	27 7	1 8	134
11.5	42.3	3409.2	675.0	-3.3	-19.1	293.6	8 6	7.9	-3.4	302 0	305 8	1 2	26 2	2 3	130
12.6	45.1	3706.9	650.0	-4.9	-20.5	292.3	10 4	9.6	-3.9	303 4	307.0	1 2	28 2	2 9	126
13 7	48 1	4015.0	625.0	-5.7	-20 7	295 7	12 8	11.5	-5.5	305 9	309 6	1 2	29 4	3 6	124
14 8	51.1	4334.0	600.0	-7.6	-21.2	296.8	14.0	12.5	-6.3	307.1	310 8	1 2	33 1	4 5	122
15.8	54 1	4663.5	575.0	-10.1	-22.1	295 8	13.7	12.3	-6.0	308 2	311 8	1 1	36 6	5 4	121
17.1	57.3	5005.2	550.0	-12.1	-23.1	298 1	13.0	11.5	-6.1	309 8	313 2	1 1	39 3	6 3	120
18 4	60.4	5350.5	525.0	-14.6	-26.0	306 7	16.2	13.0	-9.7	310 9	313 7	0 9	37 1	7 5	121
19.7	63.5	5727.5	500.0	-17.1	-28 1	310.0	18.5	14 2	-11.9	312 2	314 7	0 8	37 7	8 8	122
21 1	66.8	6110.0	475.0	-20.2	-30 9	307.1	19.1	15.2	-11 5	312 9	315 0	0 6	37 6	10 4	123
22.5	69.9	6507.9	450.0	-23.1	-33.0	301.7	18.4	15.6	-9.6	314 3	316 0	0 5	39 4	12 0	123
23.9	73.3	6924.4	425.0	-26.3	-35.9	302 6	18.5	15.6	-10.0	315 4	316.8	0.4	39 4	13 6	123
25.3	76.7	7350.5	400.0	-30.0	-39.4	301.9	18.7	15.8	-9.9	316.0	317 1	0 3	39 3	15 1	123
26.8	80.3	7815.7	375.0	-33.7	-42 5	301.9	19.8	16.8	-10 4	317 1	317 9	0 2	40 0	16 9	123
28.6	84.0	8295.1	350.0	-37.9	-45 9	301.8	19.7	16.7	-10.4	317 6	318 2	0 2	42 7	19 0	123
30.4	87.9	8801.2	325.0	-42 2	99 9	301 9	20.3	17.2	-10 7	318.5	999 9	99 9	999 9	21 1	123
32.3	91.8	9337.1	300.0	-46.8	99.9	300 9	20.8	17.8	-10 7	319 3	999 9	99 9	999 9	23 5	123
34.4	96.0	9900.1	275.0	-51 5	99.9	293 0	23 3	21.5	-9 1	320 6	999 9	99 9	999 9	26 1	122
36.5	100.3	10522.6	250.0	-55 2	99.9	287 8	27.0	25.7	-8 3	324 0	999 9	99 9	999 9	29 1	121
38.7	104.8	11187.8	225.0	-59 8	99 9	289 3	30.3	28.6	-10.0	326 9	999 9	99 9	999.9	33 1	119
41.2	109.8	11917.9	200.0	-61 8	99 9	291 1	24.3	22.7	-8 7	334 9	999 9	99 9	999 9	37 1	118
44 0	115.0	12743.8	175.0	-58 9	99 9	292 4	22 7	21 0	-8 7	351 1	999 9	99 9	999 9	41 2	118
47.2	120.7	13716.7	150.0	-58.0	99.9	293.2	19.7	18.1	-7.8	370 2	999 9	99 9	999 9	45 2	117
51.0	127.0	14862.8	125.0	-58.8	99 9	299 7	17.9	15 5	-8.9	388 5	999 9	99 9	999 9	49 7	117
55.8	134.2	16205.2	100.0	-58 1	99 9	306 5	11.0	8 9	-6 6	415 4	999 9	99 9	999 9	53 3	118
61.5	142.5	18086.8	75.0	-57.2	99 9	293 1	6.3	5 8	-2.5	453 1	999 9	99 9	999 9	56 2	118
69.4	152.5	20684.7	50.0	-54.8	99.9	355 1	4 4	0 4	-4 4	514 3	999 9	99 9	999 9	58 5	118
80.4	163 3	25125.4	25.0	-52 5	99.9	999 9	99 9	99 9	99 9	634 2	999 9	99 9	999 9	58 0	121

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLNOIS

2 MAY 1982
215 GMT

160 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	200.0	998.0	15.0	5.8	170.0	1.6	-0.3	1.6	288.3	303.6	5.8	54.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.4	400.0	975.0	19.2	0.3	999.9	99.9	99.9	99.9	294.4	305.5	4.0	28.1	999.9	999
1.6	11.9	822.3	950.0	17.0	-0.7	999.9	99.9	99.9	99.9	294.4	305.0	3.8	29.9	999.9	999
2.4	14.4	848.9	925.0	15.1	-0.8	999.9	99.9	99.9	99.9	294.8	305.6	3.9	33.5	999.9	999
3.3	16.9	1079.9	900.0	12.8	-1.4	268.8	1.6	1.6	0.0	294.7	305.4	3.8	37.1	0.3	19
4.1	19.5	1315.7	875.0	10.8	-1.0	297.0	2.3	2.0	-1.0	295.1	306.3	4.1	43.7	0.3	40
5.1	22.1	1556.4	850.0	8.7	-1.3	309.7	3.1	2.4	-2.0	295.3	306.7	4.1	49.5	0.3	70
6.0	24.7	1802.3	825.0	6.2	-1.8	306.0	3.6	2.9	-2.1	295.2	306.5	4.1	56.4	0.4	88
6.9	27.3	2053.7	800.0	3.8	-2.3	310.2	4.0	3.0	-2.6	295.2	306.4	4.0	64.4	0.6	101
7.8	30.0	2310.7	775.0	1.2	-2.9	312.4	4.3	3.1	-2.9	295.1	306.2	4.0	74.1	0.8	109
8.7	32.7	2573.8	750.0	-1.1	-3.1	317.1	4.1	2.8	-3.0	295.3	306.6	4.1	86.3	1.0	114
9.6	35.4	2843.1	725.0	-4.0	-5.0	320.0	4.9	3.1	-3.7	295.1	305.3	3.6	92.9	1.2	119
10.5	38.1	3119.8	700.0	-3.5	-22.3	320.8	6.2	3.9	-4.8	298.7	301.5	0.9	21.5	1.5	123
11.7	40.9	3406.9	675.0	-4.3	-22.2	317.0	8.2	5.6	-6.0	300.9	303.8	0.9	23.0	2.0	127
12.7	43.8	3703.6	650.0	-5.5	-23.1	311.7	10.4	7.8	-6.9	302.6	305.4	0.9	23.6	2.6	129
13.7	46.6	4010.9	625.0	-6.4	-22.1	309.4	11.7	9.0	-7.4	305.1	308.3	1.0	27.5	3.3	129
15.0	49.4	4329.1	600.0	-7.8	-22.0	303.0	12.9	10.8	-7.0	307.1	310.6	1.1	30.9	4.2	128
16.0	52.4	4659.0	575.0	-9.4	-23.0	300.2	13.6	11.7	-6.8	308.9	312.3	1.0	32.1	5.0	127
17.2	55.4	5001.4	550.0	-11.4	-26.4	305.6	14.6	11.9	-8.5	310.5	313.1	0.8	27.6	6.0	126
18.4	58.4	5356.4	525.0	-14.1	-27.7	313.0	17.0	12.4	-11.6	311.5	314.0	0.7	30.3	7.1	127
19.6	61.5	5724.6	500.0	-17.1	-28.8	312.0	18.1	13.4	-12.1	312.2	314.5	0.7	35.3	8.4	128
20.9	64.6	6107.2	475.0	-20.3	-31.3	312.6	18.3	13.4	-12.4	312.8	314.7	0.6	36.5	9.9	128
22.4	67.9	6505.5	450.0	-23.1	-32.5	304.6	16.9	15.5	-10.7	314.2	316.0	0.5	41.7	11.5	129
24.1	71.3	6921.6	425.0	-26.5	-34.7	300.6	19.8	17.0	-10.1	315.1	316.7	0.5	45.6	13.4	128
25.8	74.6	7357.1	400.0	-29.8	-37.7	302.9	20.8	17.4	-11.3	316.2	317.5	0.4	46.1	15.5	127
27.6	78.1	7813.7	375.0	-33.4	-41.6	300.0	20.8	18.1	-10.4	317.4	318.3	0.3	43.1	17.7	126
29.4	81.8	8293.6	350.0	-36.0	-44.2	298.4	22.2	19.6	-10.6	317.5	318.2	0.2	51.8	20.1	125
31.4	85.7	8800.0	325.0	-42.0	99.9	301.1	22.6	19.3	-11.7	318.8	999.9	99.9	999.9	22.7	125
33.5	89.6	9336.6	300.0	-46.3	99.9	302.6	23.7	20.0	-12.8	320.1	999.9	99.9	999.9	25.7	124
35.9	93.7	9906.5	275.0	-51.0	99.9	303.5	22.6	18.9	-12.5	321.3	999.9	99.9	999.9	29.0	124
38.2	98.0	10520.9	250.0	-56.4	99.9	306.1	22.1	17.8	-13.0	322.2	999.9	99.9	999.9	32.1	124
40.9	102.6	11181.1	225.0	-61.3	99.9	301.0	22.5	19.2	-11.8	324.5	999.9	99.9	999.9	35.7	124
43.6	107.6	11900.0	200.0	-61.7	99.9	298.0	22.3	19.7	-10.4	335.1	999.9	99.9	999.9	39.6	124
46.9	112.8	12738.2	175.0	-60.3	99.9	299.9	21.1	18.3	-10.5	350.4	999.9	99.9	999.9	43.5	123
50.8	118.5	13704.1	150.0	-58.7	99.9	300.1	20.1	17.4	-10.1	369.0	999.9	99.9	999.9	48.5	123
55.2	124.7	14851.0	125.0	-58.5	99.9	310.9	17.4	13.2	-11.4	389.1	999.9	99.9	999.9	53.3	123
60.9	132.2	16250.7	100.0	-60.0	99.9	312.2	11.5	8.5	-7.7	411.8	999.9	99.9	999.9	57.3	124
67.7	140.7	18054.0	75.0	-58.0	99.9	304.9	9.2	7.5	-5.2	451.4	999.9	99.9	999.9	62.0	123
77.3	150.7	20622.2	50.0	[illegible]	99.9	28.8	4.8	-2.3	-4.2	511.2	999.9	99.9	999.9	64.7	125
93.8	162.0	25653.0	25.0	[illegible]	99.9	84.7	4.0	-4.0	-0.4	632.4	999.9	99.9	999.9	62.3	128

* BY SPEED MEANS ELEVATION [illegible] BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE [illegible] BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION [illegible] THAN 6 DEG
** BY TEMP MEANS [illegible] DATA S[illegible] EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLNOIS

2 MAY 1982
515 GMT

156 11 0

TIME MIN	CONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.5	200.0	998.2	13.9	5.5	205.0	1.0	0.4	0.9	287.2	302.2	5.7	57.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	0.6	401.0	975.0	18.4	2.1	999.0	99.9	99.9	99.9	293.7	306.3	4.6	33.6	999.9	999
1.5	11.0	822.9	950.0	16.8	1.3	999.9	99.9	99.9	99.9	294.3	306.[illegible]	4.4	35.0	999.9	999
2.3	13.5	849.5	925.0	15.0	0.6	253.0	2.4	2.3	0.7	294.7	306.5	4.3	37.3	0.4	73
3.2	15.9	1080.4	900.0	12.6	-0.2	283.0	2.3	2.3	0.3	294.7	306.3	4.2	40.8	0.5	74
4.0	18.4	1316.0	875.0	10.6	-0.8	271.8	2.4	2.4	-0.1	294.6	306.2	4.1	45.4	.6	77
4.9	20.9	1556.5	850.0	8.2	0.8	277.5	2.1	2.1	-0.3	294.8	306.5	4.3	52.9	0.7	81
5.8	23.4	1802.1	825.0	5.8	-1.4	274.4	1.8	1.8	-0.1	294.8	306.4	4.2	59.9	0.8	82
6.7	25.9	2053.3	800.0	3.7	-1.5	273.1	1.7	1.7	-0.1	295.2	307.0	4.3	68.3	0.9	84
7.6	28.5	2310.2	775.0	1.0	-2.5	252.0	1.8	1.7	0.6	294.9	306.2	4.1	77.2	1.0	84
8.6	31.0	2572.9	750.0	-1.2	-2.1	290.3	1.5	1.5	-0.5	295.3	305.1	3.5	74.4	1.1	84
9.4	33.6	2842.3	725.0	-3.8	-5.4	305.5	1.6	1.3	-0.9	295.3	305.2	3.5	88.8	1.2	86
10.5	36.2	3118.4	700.0	-6.2	-7.9	306.5	3.0	2.4	-1.8	295.7	304.3	3.0	88.1	1.2	90
11.4	38.9	3403.8	675.0	-5.3	-20.1	303.4	8.5	5.4	-3.6	299.8	303.3	1.1	30.0	1.5	95
12.3	41.6	3699.8	650.0	-5.9	-19.6	301.9	9.2	7.8	-4.9	302.3	306.2	1.2	32.8	1.9	102
13.3	44.3	4006.6	625.0	-6.7	-18.3	299.7	11.5	10.0	-5.7	304.8	308.9	1.3	38.0	2.5	106
14.5	47.2	4325.1	600.0	-7.5	-20.2	303.5	13.3	11.1	-7.3	307.5	311.5	1.3	35.4	3.3	110
15.5	50.0	4655.3	575.0	-8.7	-21.4	302.9	14.1	11.9	-7.7	309.8	313.6	1.2	35.0	4.2	13
16.6	53.0	4997.9	550.0	-11.3	-24.3	303.2	15.5	13.0	-8.5	310.7	313.8	1.0	33.0	5.1	115
17.8	55.9	5353.4	525.0	-13.6	-27.6	303.7	17.5	14.5	-9.7	312.1	314.5	0.8	29.6	6.2	115
18.9	58.8	5722.3	500.0	-16.9	-30.1	304.3	19.4	16.0	-10.9	312.4	31[illegible].5	0.6	30.6	7.5	118
20.2	62.0	6104.9	475.0	-20.0	-31.8	307.3	19.6	15.6	-11.8	313.2	315.1	0.6	34.1	8.8	119
21.5	65.3	6502.9	450.0	-23.8	-35.4	309.1	18.3	15.0	-12.2	313.3	314.7	0.4	33.3	10.5	120
22.8	68.5	6919.2	425.0	-27.1	-35.6	310.3	19.7	15.0	-12.7	31[illegible].3	315.7	0.4	44.2	12.0	122
24.1	71.8	7351.5	400.0	-30.6	-36.5	305.6	21.1	17.2	-12.3	315.2	316.4	0.3	45.5	13.5	122
25.5	75.1	7806.6	375.0	-34.4	-39.9	302.8	22.1	18.6	-12.0	316.1	317.2	0.3	57.4	15.3	122
26.3	78.7	8286.1	350.0	-37.9	-46.0	308.8	22.4	17.9	-13.4	317.6	318.2	0.2	42.1	17.2	123
28.7	83.4	8791.3	325.0	-42.7	99.9	305.0	22.0	18.0	-12.6	317.8	999.9	99.9	999.9	19.6	123
30.4	88.2	9327.0	300.0	-46.9	99.9	297.0	21.3	19.0	-9.7	319.2	999.9	99.9	999.9	21.8	123
32.3	93.2	9897.9	275.0	-51.1	99.9	292.0	22.7	21.0	-8.5	321.2	999.[illegible]	99.9	999.9	24.3	122
34.[illegible]	94.5	10510.3	250.0	-56.5	99.9	294.1	24.0	21.9	-9.8	322.1	999.9	99.9	999.9	[illegible].9	121
35.9	98.0	11168.9	225.0	-61.0	99.9	295.3	24.8	22.4	-10.8	323.6	999.9	99.9	999.9	29.4	121
37.6	103.8	11895.8	200.0	-63.1	99.9	303.3	23.1	18.4	-12.7	332.9	999.9	99.9	999.9	31.9	120
39.6	108.0	12727.4	175.0	-58.5	99.9	308.1	21.2	16.7	-13.1	353.4	999.9	99.9	999.9	34.7	121
41.8	114.5	13697.1	150.0	-58.1	99.9	307.2	17.0	13.6	-10.3	389.9	999.9	99.9	999.9	37.2	121
[illegible].8	120.7	14838.9	125.0	-59.8	99.9	308.4	15.9	12.3	-10.1	386.8	999.9	99.9	999.9	39.7	122
[illegible].6	127.7	16232.6	100.0	-59.8	99.9	302.6	14.0	11.7	-7.6	412.2	999.9	99.9	999.9	42.4	122
52.0	135.7	18036.8	75.0	-58.3	99.9	322.1	8.7	5.3	-6.9	45[illegible].8	999.9	99.9	999.9	45.[illegible]	123
58.5	145.0	20599.2	50.0	-56.4	99.9	20.2	3.2	-1.1	-3.0	510.6	999.9	99.9	999.9	47.[illegible]	24
80.3	155.5	25010.5	25.0	-54.2	99.9	999.9	99.9	99.9	99.9	629.1	999.9	99.9	999.9	46.[illegible]	126

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 532
PEORIA, ILLINOIS

2 MAY 1982
1128 GMT

159 11 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	7.0	200.0	999.6	13.3	2.8	130.0	3.1	-2.4	2.0	286.5	296.9	4.7	49.0	0.0	0
0.2	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
0.7	9.3	410.2	975.0	14.8	-1.0	241.0	2.9	2.6	1.4	290.1	299.9	3.6	33.1	0.6	314
1.5	11.7	829.8	950.0	14.5	1.5	159.1	4.4	-1.6	4.1	291.9	304.2	4.5	41.3	0.7	321
2.3	14.1	854.7	925.0	13.6	0.7	101.2	2.2	-2.1	0.4	293.2	305.1	4.4	41.2	0.9	323
3.1	16.6	1084.9	900.0	12.2	0.0	20.2	2.5	-1.1	-2.2	294.1	305.9	4.3	43.0	0.9	317
3.9	19.1	1320.0	875.0	10.0	-0.6	5.5	3.2	-0.3	-3.2	294.2	305.8	4.2	47.8	0.8	308
4.7	21.6	1560.2	850.0	7.7	-1.5	338.8	3.1	1.1	-2.9	294.3	305.4	4.0	51.9	0.7	299
5.5	24.1	1801.4	825.0	5.9	-2.5	290.4	3.1	2.9	-1.1	294.8	305.5	3.9	54.8	0.6	296
6.4	26.8	205[illegible]	800.0	3.3	-3.6	268.2	3.2	3.2	[illegible].1	294.6	304.8	3.7	60.6	0.4	304
7.3	29.2	2512.7	775.0	0.8	-4.3	252.6	2.8	2.7	[illegible].8	294.7	304.8	3.6	68.7	0.3	324
8.2	31.8	2575.2	750.0	-1.9	-4.8	250.9	2.9	2.8	1.0	294.6	304.7	3.6	81.5	0.3	352
9.2	34.4	2844.1	725.0	-4.1	-7.0	274.4	3.2	3.2	-0.2	294.9	303.8	3.2	80.9	0.4	20
10.2	37.9	3121.2	700.0	-3.0	-19.0	299.7	4.7	4.1	-2.3	299.2	302.9	1.2	27.7	0.4	51
11.3	39.7	3400.7	675.0	-4.8	-19.4	316.1	7.2	5.0	-5.2	300.8	304.3	1.2	30.1	0.6	89
12.2	42.4	3704.5	650.0	-6.8	-19.5	318.5	9.6	6.3	-7.2	301.3	305.2	1.3	35.4	1.0	109
13.2	45.2	4010.3	625.0	-7.8	-19.8	319.9	12.1	7.8	-9.3	303.8	307.7	1.3	36.6	1.6	[illegible]
14.2	48.0	4320.4	600.0	-10.1	-20.2	319.6	13.5	8.8	-10.3	304.4	308.4	.3	43.4	2.4	128
15.4	50.9	4653.8	575.0	-11.5	-24.2	318.4	13.9	9.6	-10.0	306.5	309.5	0.9	34.0	3.3	131
16.4	53.9	4993.9	550.0	-13.0	-24.7	315.4	14.9	10.5	-10.6	308.7	311.7	0.9	36.5	4.2	132
17.7	56.9	5347.3	525.0	-15.2	-27.6	311.8	16.1	12.0	-10.7	310.1	312.5	0.7	32.9	5.4	132
18.1	59.9	5714.0	500.0	-18.3	-27.8	308.3	17.9	14.1	-11.1	310.7	313.2	0.8	42.8	6.9	132
20.5	63.0	6095.2	475.0	-20.7	-30.0	306.2	20.2	15.9	-12.5	312.4	314.6	0.7	42.6	8.4	131
21.9	66.0	6493.4	450.0	-22.8	-37.1	312.9	20.0	14.7	-13.6	314.6	315.9	0.3	25.7	10.1	131
23.3	69.1	6909.8	425.0	-26.4	-39.5	318.7	18.7	12.7	-15.0	315.2	316.2	0.3	27.5	11.8	132
24.9	72.5	7324.9	400.0	-30.2	-41.9	329.0	19.3	12.4	-14.8	315.8	316.6	0.2	30.4	13.7	133
26.7	76.0	7800.5	375.0	-33.9	-44.3	315.9	20.1	14.0	-14.5	316.7	317.3	0.2	32.1	15.7	133
28.6	79.6	8280.2	350.0	-38.0	-48.2	320.2	22.7	14.5	-17.5	317.5	318.0	0.1	33.1	18.1	134
30.5	83.2	8780.5	325.0	-41.8	99.9	325.9	24.6	13.8	-2[illegible]	319.0	999.9	99.9	999.9	20.8	135
32.5	87.1	9323.7	300.0	-46.4	99.9	3[illegible].9	26.4	13.6	-22.8	320.0	999.9	99.9	999.9	23.8	137
34.6	91.2	9905.2	275.0	-51.2	99.9	333.1	28.8	12.9	-25.5	321.1	999.9	99.9	999.9	27.0	139
37.0	95.6	10507.3	250.0	-56.6	99.9	335.2	30.6	12.9	-27.8	322.0	999.9	99.9	999.9	31.2	141
39.4	100.2	11109.2	225.0	-60.3	99.9	338.9	30.6	11.0	-28.6	326.1	999.9	99.9	999.9	35.6	143
42.1	105.0	11903.2	200.0	-58.8	99.9	326.4	24.5	13.6	-20.4	339.7	999.9	99.9	999.9	40.0	144
45.1	110.4	12740.6	175.0	-58.2	99.9	319.3	21.9	14.3	-16.6	353.9	999.9	99.9	999.9	44.2	144
48.6	116.2	13716.4	150.0	-58.4	99.9	319.5	17.9	11.6	-13.6	372.9	999.9	99.9	999.9	48.2	144
52.5	122.7	14871.5	125.0	-58.3	99.9	312.4	16.6	12.2	-11.2	389.4	999.9	99.9	999.9	52.2	143
57.5	130.0	16277.8	100.0	-58.3	99.9	322.8	14.3	8.7	-11.2	415.2	999.9	99.9	999.9	56.9	142
63.8	138.3	18002.8	75.0	-56.6	99.9	327.3	7.8	4.1	-6.4	454.4	999.9	99.9	999.9	60.6	142
71.8	148.0	20874.1	50.0	-54.8	99.9	352.0	5.3	0.7	-5.2	514.5	999.9	99.9	999.9	63.2	143
83.8	159.0	25126.[illegible]	25.0	-52.7	99.9	104.3	5.3	-5.2	1.3	633.2	999.9	99.9	999.9	63.9	146

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA

1 MAY 1982
1115 GMT

158 22 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	400.0	978.5	7.2	5.8	330.0	2.1	1.1	-1.8	282.3	297.5	6.0	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	9.5	412.7	975.0	7.7	5.8	999.9	99.9	99.9	99.9	282.9	298.1	5.9	88.1	999.9	999
0.9	12.2	629.6	950.0	12.1	5.7	999.9	99.9	99.9	99.9	286.5	305.5	6.1	64.7	999.9	999
1.7	14.9	852.7	925.0	10.8	3.8	999.9	99.9	99.9	99.9	290.3	304.9	5.5	62.2	999.9	999
2.6	17.6	1080.4	900.0	8.5	2.4	171.6	2.2	-0.3	2.1	290.3	303.9	5.1	65.4	0.4	122
3.5	20.3	1312.8	875.0	6.8	1.4	999.9	99.9	99.9	99.9	290.9	304.0	4.9	68.2	999.9	999
4.4	23.0	1550.3	850.0	4.8	-0.3	999.9	99.9	99.9	99.9	291.2	303.2	4.4	69.3	999.9	999
5.4	25.8	1793.2	825.0	3.0	-2.5	999.9	99.9	99.9	99.9	291.7	302.4	3.9	67.5	999.9	999
6.4	28.6	99.9	800.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
7.4	31.4	99.9	775.0	99.9**	99.9	999.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
8.4	34.2	99.9	750.0	3.2	-17.7	999.9	99.9	99.9	99.9	300.0	303.9	1.3	19.9	999.9	999
9.5	37.1	99.9	725.0	1.3	-18.7	999.9	99.9	99.9	99.9	300.9	304.5	1.2	20.8	999.9	999
10.6	40.0	99.9	700.0	0.0	-19.7	999.9	99.9	99.9	99.9	302.5	306.1	1.1	20.9	999.9	999
11.7	43.0	99.9	675.0	-0.4	-20.1	999.9	99.9	99.9	99.9	305.2	308.7	1.1	20.9	999.9	999
12.9	46.0	99.9	650.0	-2.8	-22.0	999.9	99.9	99.9	99.9	305.8	309.0	1.0	21.0	999.9	999
14.0	49.0	99.9	625.0	-4.9	-23.0	999.9	99.9	99.9	99.9	306.8	309.8	1.0	22.7	999.9	999
15.3	52.1	99.9	600.0	-6.2	-23.1	999.9	99.9	99.9	99.9	308.9	312.1	1.0	24.7	999.9	999
16.7	55.2	99.9	575.0	-8.5	-24.8	999.9	99.9	99.9	99.9	310.0	312.9	0.9	25.3	999.9	999
18.0	58.1	99.9	550.0	-10.7	-26.5	999.9	99.9	99.9	99.9	311.4	314.0	0.8	25.8	999.9	999
19.4	61.4	99.9	525.0	-13.7	-29.2	999.9	99.9	99.9	99.9	312.0	314.2	0.6	25.4	999.9	999
20.9	64.8	99.9	500.0	-17.0	-31.7	999.9	99.9	99.9	99.9	312.3	314.1	0.5	26.3	999.9	999
22.4	68.1	99.9	475.0	-19.8	-34.8	999.9	99.9	99.9	99.9	313.5	314.9	0.4	24.8	999.9	999
24.0	71.6	99.9	450.0	-22.4	-36.4	999.9	99.9	99.9	99.9	315.0	316.3	0.4	26.5	999.9	999
25.5	75.0	99.9	425.0	-25.0	-39.3	999.9	99.9	99.9	99.9	316.9	318.0	0.3	24.8	999.9	999
27.4	78.7	99.9	400.0	-28.6	-42.8	999.9	99.9	99.9	99.9	317.8	318.6	0.2	24.0	999.9	999
29.1	82.4	99.9	375.0	-32.4	-45.6	999.9	99.9	99.9	99.9	318.8	319.4	0.2	25.1	999.9	999
30.9	86.3	99.9	350.0	-35.9	-48.4	999.9	99.9	99.9	99.9	320.3	320.8	0.1	26.3	999.9	999
32.9	90.3	99.9	325.0	-40.1	99.9	999.9	99.9	99.9	99.9	321.4	999.9	99.9	999.9	999.9	999
35.1	94.5	99.9	300.0	-44.8	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999
37.3	98.8	99.9	275.0	-48.9	99.9	999.9	99.9	99.9	99.9	324.4	999.9	99.9	999.9	999.9	999
39.6	103.2	99.9	250.0	-53.5	99.9	999.9	99.9	99.9	99.9	326.5	999.9	99.9	999.9	999.9	999
42.2	108.0	99.9	225.0	-58.7	99.9	999.9	99.9	99.9	99.9	328.6	999.9	99.9	999.9	999.9	999
45.0	113.2	99.9	200.0	-63.4	99.9	999.9	99.9	99.9	99.9	332.3	999.9	99.9	999.9	999.9	999
47.8	118.5	99.9	175.0	-61.4	99.9	999.9	99.9	99.9	99.9	348.7	999.9	99.9	999.9	999.9	999
51.5	124.5	99.9	150.0	-59.9	99.9	999.9	99.9	99.9	99.9	366.9	999.9	99.9	999.9	999.9	999
55.7	131.0	99.9	125.0	-59.8	99.9	999.9	99.9	99.9	99.9	386.8	999.9	99.9	999.9	999.9	999
60.5	138.2	99.9	100.0	-59.0	99.9	999.9	99.9	99.9	99.9	413.8	999.9	99.9	999.9	999.9	999
66.4	146.3	99.9	75.0	-57.3	99.9	999.9	99.9	99.9	99.9	452.8	999.9	99.9	999.9	999.9	999
74.1	155.3	99.9	50.0	-56.5	99.9	999.9	99.9	99.9	99.9	510.5	999.9	99.9	999.9	999.9	999
85.9	164.7	99.9	25.0	-53.2	99.9	999.9	99.9	99.9	99.9	632.1	999.9	99.9	999.9	999.9	999

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

C-4

STATION NO. 553
OMAHA, NEBRASKA

1 MAY 1982
1415 GMT

157 9

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	400.0	977.3	12.9	6.5	80.0	2.6	-2.6	-0.5	287.9	304.3	6.2	65.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.[illegible]	9.3	419.8	975.0	12.6	6.2	999.9	99.9	99.9	99.9	287.9	303.9	6.1	64.7	999.9	999
0.8	11.6	637.7	950.0	11.9	4.5	999.9	99.9	99.9	99.9	289.3	304.1	5.6	60.4	999.9	999
1.6	14.3	860.7	925.0	10.6	2.9	999.9	99.9	99.9	99.9	290.2	303.8	5.1	58.7	999.9	999
2.3	16.8	1088.2	900.0	8.4	2.0	999.9	99.9	99.9	99.9	290.1	303.4	4.9	64.3	0.1	247
3.2	19.3	1320.3	875.0	6.6*	99.9	999.9	99.9	99.9	99.9	290.7	999.9	99.9	999.9	999.9	999
4.1	21.9	1557.3	850.0	4.7	-0.6	999.9	99.9	99.9	99.9	291.1	302.8	4.3	68.1	999.9	999
4.9	24.4	1800.0	825.0	2.7	-3.4	999.9	99.9	99.9	99.9	291.5	301.4	3.6	64.2	0.8	304
5.8	27.0	2048.6	800.0	2.0	-11.4	79.8	6.1	-6.0	-1.1	293.3	299.0	2.0	36.3	1.2	291
6.7	29.7	2305.8	775.0	4.0	-18.9	36.0	1.9	-1.1	-1.5	298.2	301.5	1.1	16.8	1.3	286
7.6	32.3	2572.0	750.0	3.2	-19.6	324.9	1.4	0.8	-1.2	300.1	303.4	1.1	16.8	1.3	284
8.6	35.0	2845.6	725.0	1.5	-20.7	314.2	2.8	2.0	-2.0	301.1	304.2	1.0	17.2	1.2	281
9.7	37.7	3127.8	700.0	0.4	-21.6	306.8	4.0	3.2	-2.4	302.9	305.9	1.0	17.2	1.0	274
10.8	40.4	3418.7	675.0	-0.7	-22.5	292.7	5.4	5.0	-2.1	304.8	307.8	0.9	17.3	0.8	265
12.0	43.2	3719.3	650.0	-2.0	-23.6	287.6	6.8	6.5	-2.1	306.7	309.5	0.9	17.3	0.4	237
13.1	46.0	4029.5	625.0	-4.2	-24.3	285.8	8.5	8.2	-2.3	307.7	310.4	0.8	19.0	0.4	161
14.2	48.9	4350.7	600.0	-5.9	-25.7	287.5	10.0	9.5	-3.0	309.3	311.9	0.8	19.1	0.9	124
15.3	51.8	4682.9	575.0	-7.9	-26.0	299.9	10.6	9.2	-5.3	310.8	313.4	0.8	21.7	1.6	120
16.6	54.8	5026.5	550.0	-11.0	-28.7	309.9	10.0	7.7	-6.4	311.1	313.2	0.6	21.4	2.4	121
17.9	57.8	5381.9	525.0	-13.7	-31.4	315.6	10.4	7.3	-7.4	311.9	313.7	0.5	20.8	3.1	125
19.2	60.8	5750.8	500.0	-16.3	-34.5	301.6	10.6	9.0	-5.5	313.2	314.6	0.4	18.9	4.0	126
20.6	63.9	6134.0	475.0	-19.7	-37.4	297.6	11.2	9.9	-5.2	313.6	314.7	0.3	18.9	4.9	124
22.1	67.0	6533.4	450.0	-22.0	-39.8	301.3	10.4	8.9	-5.4	315.6	316.6	0.3	18.0	5.9	124
23.7	70.0	6951.5	425.0	-25.2	-42.4	292.7	8.8	8.2	-3.4	316.8	317.5	0.2	18.1	6.8	123
25.3	73.3	7388.9	400.0	-28.8	-45.4	294.0	9.5	8.7	-3.9	317.6	318.1	0.2	18.3	7.6	121
27.0	76.7	7847.2	375.0	-32.4	-48.4	295.6	11.2	10.1	-4.8	318.7	319.1	0.1	18.4	8.6	121
28.8	80.3	8330.0	350.0	-36.1	-51.0	293.7	12.6	11.5	-5.1	320.1	320.4	0.1	19.6	10.0	120
30.7	84.0	8839.7	325.0	-40.4	99.9	300.2	13.0	11.2	-6.5	321.0	999.9	99.9	999.9	11.4	119
32.7	87.7	9381.1	300.0	-44.4	99.9	304.1	16.0	13.3	-9.0	322.8	999.9	99.9	999.9	13.0	120
34.8	91.7	9959.4	275.0	-48.4	99.9	297.1	16.5	14.7	-7.5	325.1	999.9	99.9	999.9	15.2	120
37.2	95.8	10579.1	250.0	-53.5	99.9	296.5	16.4	14.7	-7.3	326.5	999.9	99.9	999.9	17.5	120
39.5	100.2	11249.4	225.0	-58.7	99.9	298.8	16.5	14.4	-7.9	328.6	999.9	99.9	999.9	19.8	119
42.1	104.8	11980.4	200.0	-63.2	99.9	298.3	19.3	17.0	-9.1	332.7	999.9	99.9	999.9	22.5	119
44.9	109.6	12803.8	175.0	-62.9	99.9	295.1	19.2	17.4	-8.1	346.1	999.9	99.9	999.9	25.8	119
48.2	115.0	13759.7	150.0	-59.6	99.9	297.5	18.1	16.0	-8.4	367.5	999.9	99.9	999.9	29.4	119
52.0	120.7	14900.9	125.0	-57.8	99.9	298.7	14.2	12.5	-6.8	390.4	999.9	99.9	999.9	33.2	119
56.8	127.5	16301.4	100.0	-58.4	99.9	302.9	12.2	10.2	-6.6	415.0	999.9	99.9	999.9	36.9	119
62.7	135.3	18113.7	75.0	-58.0	99.9	308.4	10.1	7.9	-6.3	451.5	999.9	99.9	999.9	40.6	119
70.6	144.5	20700.5	50.0	-53.5	99.9	356.2	4.7	0.3	-4.7	517.5	999.9	99.9	999.9	43.2	121
82.9	156.5	25171.5	25.0	-51.4	99.9	342.5	4.8	1.4	-4.6	637.0	999.9	99.9	999.9	42.8	123

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA

1 MAY 1982
1715 GMT

155 21 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	400.0	977.0	18.4	8.7	190.0	2.8	0.5	2.8	293.5	312.8	7.2	53.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.1	9.3	417.6	975.0	17.8	7.9	185.7	2.7	0.3	2.7	293.1	311.5	6.9	52.0	0.0	3
1.2	11.9	838.1	950.0	14.8	2.9	173.0	2.6	-0.3	2.6	292.2	305.6	5.0	44.8	0.2	360
1.8	14.5	862.8	925.0	12.4	2.2	175.9	4.0	-0.3	4.0	292.0	305.2	4.9	49.8	0.3	359
2.5	17.1	1091.8	900.0	10.1	2.8	184.0	4.5	-1.2	4.3	291.9	306.0	5.2	60.6	0.5	357
3.3	19.7	1325.5	875.0	8.1	2.3	138.1	4.9	-3.3	3.6	292.2	306.2	5.2	67.0	0.7	349
4.1	22.4	1563.8	850.0	5.4	0.2	128.4	6.0	-4.7	3.7	291.8	304.2	4.6	69.4	0.9	339
4.9	25.0	1807.2	825.0	3.3	0.7	114.8	4.7	-4.3	2.0	292.1	305.3	4.9	82.9	1.2	331
6.0	27.8	2056.4	800.0	1.9	-6.6	95.7	5.5	-5.4	0.5	293.2	301.6	3.0	54.4	1.4	321
7.1	30.4	2313.1	775.0	4.0	-14.0	304.7	2.1	1.7	-1.2	298.1	303.1	1.7	25.7	1.6	313
8.2	33.2	2579.8	750.0	3.8	-14.8	287.5	2.3	2.3	0.1	300.7	305.5	1.6	24.1	1.5	316
9.3	36.0	2854.0	725.0	1.8	-15.9	282.2	2.9	2.9	-0.6	301.5	306.1	1.5	25.4	1.4	321
10.4	38.8	3136.5	700.0	0.9	-16.4	299.0	3.3	2.9	-1.6	303.5	308.2	1.5	25.9	1.2	325
11.6	41.7	3428.4	675.0	0.0	-17.4	286.9	5.9	5.7	-1.7	305.7	310.2	1.4	25.4	1.0	334
12.9	44.5	3729.6	650.0	-1.8	-18.9	284.7	8.6	8.4	-2.2	307.0	311.0	1.3	25.5	0.8	11
14.1	47.4	4040.9	625.0	-3.1	-19.8	289.7	9.5	8.9	-3.2	308.9	312.9	1.3	26.0	1.0	55
15.5	50.4	4363.4	600.0	-4.5	-20.1	294.3	10.7	9.8	-4.4	311.0	315.0	1.3	28.2	1.6	81
16.8	53.4	4697.1	575.0	-6.9	-22.2	301.0	10.6	9.1	-5.4	311.9	315.5	1.1	28.2	2.4	94
18.3	56.5	5042.1	550.0	-9.9	-25.6	311.9	9.6	7.1	-6.4	312.4	315.2	0.9	26.2	3.1	102
19.7	59.6	5398.9	525.0	-13.0	-26.8	323.4	10.0	6.0	-8.0	312.9	315.5	0.8	30.0	3.8	110
21.2	62.8	5768.7	500.0	-16.0	-29.0	325.4	10.4	5.9	-8.6	313.6	315.9	0.7	31.3	4.6	116
22.9	66.0	6152.6	475.0	-19.3	-31.7	321.0	8.5	5.4	-6.6	314.1	316.0	0.6	32.0	5.5	121
24.5	69.4	6552.6	450.0	-22.1	-33.9	307.7	7.7	6.1	-4.7	315.4	317.1	0.5	33.4	6.2	123
26.2	72.7	6970.6	425.0	-24.7	-36.5	298.5	8.7	7.6	-4.1	317.4	318.5	0.3	26.1	7.0	123
28.0	76.3	7408.5	400.0	-28.6	-41.9	296.7	10.1	9.0	-4.5	317.8	318.7	0.2	26.2	8.1	122
29.8	79.9	7867.3	375.0	-32.3	-45.0	301.7	12.0	10.2	-6.3	318.8	319.5	0.2	26.8	9.2	122
31.9	83.7	8351.4	350.0	-35.4	-47.6	288.3	13.4	12.7	-4.2	321.1	321.6	0.1	27.1	10.8	121
33.8	87.5	8862.8	325.0	-39.7	99.9	293.2	13.4	12.3	-5.3	322.0	999.9	99.9	999.9	12.3	119
35.9	91.5	9405.5	300.0	-43.8	99.9	302.5	15.2	12.8	-8.2	323.7	999.9	99.9	999.9	14.0	119
37.8	95.7	9984.4	275.0	-48.5	99.9	298.6	15.9	13.9	-7.6	325.0	999.9	99.9	999.9	15.9	120
40.1	100.2	10604.6	250.0	-53.5	99.9	292.5	17.6	16.3	-6.7	326.6	999.9	99.9	999.9	18.1	119
42.4	104.8	11273.8	225.0	-59.1	99.9	289.5	20.1	18.9	-6.7	328.0	999.9	99.9	999.9	20.6	118
44.8	109.8	12003.8	200.0	-62.5	99.9	290.5	20.8	19.5	-7.3	333.8	999.9	99.9	999.9	23.7	117
47.5	115.2	12827.0	175.0	-62.0	99.9	292.8	20.0	18.5	-7.8	347.6	999.9	99.9	999.9	26.9	116
50.5	121.0	13785.4	150.0	-59.8	99.9	292.8	18.6	17.1	-7.2	367.1	999.9	99.9	999.9	30.4	116
53.9	127.2	14930.2	125.0	-58.7	99.9	293.0	15.6	14.4	-6.1	388.7	999.9	99.9	999.9	33.8	115
58.2	134.3	16329.6	100.0	-60.4	99.9	299.5	11.9	10.3	-5.8	411.0	999.9	99.9	999.9	37.3	116
63.8	142.7	18140.5	75.0	-55.7	99.9	317.7	8.7	5.8	-6.4	456.2	999.9	99.9	999.9	40.6	117
71.0	151.7	20737.8	50.0	-54.0	99.9	339.1	4.6	1.6	-4.3	516.2	999.9	99.9	999.9	43.1	117
82.7	161.3	25210.1	25.0	-50.4	99.9	240.6	4.4	3.8	2.2	640.0	999.9	99.9	999.9	43.5	120

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

STATION NO 553
OMAHA, NEBRASKA

1 MAY 1982
2015 GMT

155 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	400.0	975.2	19.5	10.8	160.0	3.6	-1.2	3.4	294.8	317.0	8.4	57.0	0.0	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	399
0.0	9.5	401.8	975.0	19.4	10.4	160.0	[illegible]	-1.2	3.4	294.7	316.6	8.2	56.1	0.0	359
0.5	12.[illegible]	623.2	950.0	15.8	3.0	159.0	3.8	-1.4	3.6	293.1	306.7	5.0	42.8	0.2	345
1.3	14.6	848.8	925.0	13.6	3.0	153.6	4.4	-2.0	3.9	293.2	307.2	5.1	48.5	0.4	341
2.0	17.2	1078.6	900.0	11.2	1.5	148.7	4.0	-2.2	3.4	293.1	306.0	4.8	51.3	0.5	337
3.1	19.8	1313.0	875.0	8.9	0.7	141.4	4.4	-2.8	3.5	293.0	305.6	4.6	56.5	0.8	332
4.1	22.4	1552.3	850.0	6.9	-1.8	141.4	4.5	-2.8	3.5	293.4	304.3	4.0	53.8	1.1	329
4.9	25.0	1796.6	825.0	4.7	-1.9	138.4	4.5	-3.0	3.4	293.5	304.6	4.0	62.3	1.3	328
5.8	27.7	2046.7	800.0	3.0	-10.8	155.4	3.2	-1.3	2.9	294.3	301.2	2.5	41.5	1.5	327
6.6	30.3	2305.1	775.0	5.2	-16.0	252.1	2.0	1.9	0.6	299.4	303.6	1.4	19.6	1.6	328
7.5	33.0	2571.8	750.0	3.5	-17.4	272.3	2.9	2.9	-0.1	300.4	304.3	1.3	19.9	1.4	332
8.6	35.8	2846.0	725.0	1.7	-18.3	249.0	3.2	3.0	1.1	301.3	305.1	1.2	21.0	1.4	340
9.5	38.5	3128.6	700.0	1.3	-18.7	273.9	4.3	4.2	-0.3	304.0	307.8	1.2	20.8	1.4	348
10.8	41.3	3420.6	675.0	0.0	-19.7	298.1	6.9	6.1	-3.3	305.7	309.4	1.2	20.9	1.2	2
11.8	44.1	3721.8	650.0	-1.7	-21.2	304.5	9.1	7.5	-5.2	307.0	310.4	1.1	20.9	1.1	25
12.7	47.0	4033.5	625.0	-2.3	-21.4	311.2	11.3	8.5	-7.4	309.8	313.3	1.1	21.5	1.1	59
13.9	49.9	4356.3	600.0	-4.5	-23.5	315.1	11.7	8.2	-8.3	310.9	314.0	1.0	20.9	1.6	90
15.0	52.8	4689.7	575.0	-7.0	-25.5	312.0	10.6	7.9	-7.1	311.8	314.5	0.8	21.2	2.2	104
16.2	55.8	5034.6	550.0	-9.9	-27.3	310.6	9.3	7.1	-6.1	312.3	314.8	0.7	22.5	2.9	111
17.4	58.9	5391.4	525.0	-13.1	-28.4	310.6	8.4	6.4	-5.5	312.7	315.0	0.7	26.2	3.5	114
18.7	62.0	5761.0	500.0	-16.1	-30.2	306.1	8.5	6.9	-5.0	313.4	315.4	0.6	28.4	4.1	117
20.0	65.3	6144.8	475.0	-19.6	-31.5	303.3	8.2	6.9	-4.5	313.7	315.7	0.6	33.6	4.7	118
21.5	68.4	6543.9	450.0	-22.4	-36.1	301.8	9.5	8.0	-5.0	315.1	316.4	0.4	27.5	5.5	118
23.0	71.9	6961.4	425.0	-25.4	-40.5	296.9	10.8	9.5	-4.8	316.4	317.4	0.3	22.6	6.4	118
24.4	75.3	7398.6	400.0	-28.8	-43.2	300.5	11.3	9.7	-5.7	317.6	318.3	0.2	23.3	7.4	118
26.1	78.7	7857.1	375.0	-32.2	-45.7	307.1	13.1	10.5	-7.9	319.0	319.6	0.2	24.5	8.5	119
27.7	82.4	8340.8	350.0	-35.6	-47.7	308.9	15.9	12.3	-10.0	320.7	321.3	0.1	27.4	9.9	121
29.6	86.1	8851.5	325.0	-40.0	99.9	307.6	15.1	12.0	-9.2	321.5	999.9	99.9	999.9	11.6	122
31.3	90.0	9392.6	300.0	-44.6	99.9	303.2	15.4	12.9	-8.5	322.6	999.9	99.9	999.9	13.2	122
33.3	94.0	9970.0	275.0	-48.3	99.9	307.9	17.2	13.6	-10.6	325.2	999.9	99.9	999.9	15.2	123
35.4	98.3	10590.4	250.0	-53.7	99.9	310.5	17.3	13.1	-11.2	326.3	999.9	99.9	999.9	17.4	123
37.7	103.0	11258.5	225.0	-59.2	99.9	308.8	18.6	14.5	-11.6	327.8	999.9	99.9	999.9	19.7	124
40.1	107.6	11988.6	200.0	-63.1	99.9	306.4	20.3	16.4	-12.1	332.9	999.9	99.9	999.9	22.5	125
42.9	112.8	12812.8	175.0	-61.9	99.9	300.4	21.4	18.5	-10.8	347.9	999.9	99.9	999.9	26.2	125
46.2	118.5	13774.9	150.0	-59.8	99.9	295.2	19.4	17.6	-8.3	367.2	999.9	99.9	999.9	30.0	124
50.0	124.5	14920.0	125.0	-58.5	99.9	305.0	16.7	13.7	-9.6	389.0	999.9	99.9	999.9	34.5	123
54.6	131.3	16326.3	100.0	-58.5	99.9	307.6	13.2	10.4	-8.0	414.8	999.9	99.9	999.9	38.2	123
60.4	139.3	18140.7	75.0	-55.6	99.9	309.4	9.3	7.2	-5.9	456.4	999.9	99.9	999.9	41.8	124
68.0	148.5	20729.7	50.0	-55.6	99.9	339.1	5.6	2.0	-5.3	512.5	999.9	99.9	999.9	45.2	124
79.9	159.0	25183.9	25.0	-51.2	99.9	37.6	4.8	-2.9	-3.8	637.4	999.9	99.9	999.9	45.8	127

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA

1 MAY 1982
2300 GMT

162 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	400.0	974.4	18.9	6.1	160.0	3.1	-1.1	2.9	294.2	310.8	6.1	43.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	12.3	818.5	950.0	15.9	3.4	999.9	99.9	99.9	99.9	293.3	307.3	5.1	43.2	999.9	999
1.7	14.9	842.2	925.0	13.8	3.0	999.9	99.9	99.9	99.9	293.5	307.5	5.2	48.1	999.9	999
2.4	17.8	1072.2	900.0	11.6	1.9	177.4	3.1	-0.1	3.1	293.4	306.8	4.9	51.5	0.5	346
3.2	20.3	1307.1	875.0	9.5	2.8	194.3	3.4	0.8	3.3	293.7	308.2	5.3	62.7	0.7	351
4.0	23.0	1546.6	850.0	6.7	2.2	210.2	2.5	1.3	2.2	293.2	307.6	5.3	73.0	0.8	357
4.8	25.7	1791.4	825.0	4.6	2.7	196.2	1.3	0.4	1.2	293.5	308.8	5.6	87.3	0.9	1
5.6	28.4	2042.0	800.0	4.2	-7.9	247.9	0.7	0.7	0.3	295.6	303.7	2.8	45.1	0.9	360
6.5	31.2	2301.2	775.0	5.2	-14.0	318.6	2.3	1.5	-1.7	299.4	304.4	1.7	23.4	0.9	4
7.4	34.1	2567.9	750.0	3.3	-15.4	288.8	3.2	3.1	-1.0	300.1	304.7	1.5	23.9	0.8	12
8.5	36.9	2842.3	725.0	2.8	-15.3	288.1	4.4	4.4	0.1	302.6	307.4	1.6	24.9	0.9	29
9.6	39.8	3125.9	700.0	1.8	-16.1	285.7	5.3	5.1	-1.4	304.4	309.2	1.5	25.0	1.0	45
10.7	42.7	3418.2	675.0	0.4	-16.9	314.9	7.2	5.1	-5.1	306.1	310.8	1.5	25.9	1.2	64
11.8	45.6	3720.6	650.0	-0.4	-18.8	321.1	8.7	5.5	-6.8	308.5	312.7	1.3	23.4	1.4	86
12.9	48.6	4033.2	625.0	-2.5	-20.1	318.4	9.1	6.1	-6.8	309.7	313.6	1.2	24.2	1.8	101
14.1	51.6	4355.6	600.0	-5.0	-22.2	311.8	9.7	7.2	-6.4	310.3	313.8	1.1	24.6	2.4	111
15.2	54.6	4688.6	575.0	-7.5	-24.4	300.9	9.8	8.4	-5.0	311.2	314.2	0.9	24.2	3.1	114
16.5	57.9	5032.9	550.0	-10.1	-26.8	295.6	9.7	8.7	-4.2	312.1	314.6	0.8	23.9	3.8	115
17.9	61.0	5389.8	525.0	-12.7	-28.0	295.0	9.6	8.7	-4.1	313.2	315.6	0.7	26.2	4.6	114
19.2	64.3	5760.1	500.0	-15.8	-29.1	299.2	10.8	9.4	-5.3	313.7	316.0	0.7	30.7	5.4	115
20.6	67.6	6144.5	475.0	-19.1	-31.0	310.7	11.2	8.5	-7.3	314.4	316.4	0.6	33.7	6.3	116
22.0	71.0	6544.1	450.0	-22.6	-33.0	316.0	10.9	7.6	-7.9	314.8	316.6	0.5	37.9	7.2	119
23.6	74.6	6960.6	425.0	-26.3	-33.9	313.3	10.2	7.4	-7.0	315.3	317.0	0.5	48.2	8.1	121
25.3	78.1	7396.7	400.0	-28.6	-41.1	305.6	11.6	9.5	-6.8	317.9	318.8	0.3	28.[illegible]	9.2	122
26.9	81.7	7856.7	375.0	-31.5	-41.9	302.0	12.0	10.2	-6.4	319.9	320.9	0.2	34.5	10.4	122
28.8	85.6	8341.2	350.0	-35.5	-44.4	303.1	12.8	10.8	-7.0	320.9	321.6	0.2	39.3	11.8	122
30.8	89.5	8853.3	325.0	-39.1	-49.1	307.9	16.2	12.8	-9.9	322.8	323.3	0.1	33.4	13.5	122
32.8	93.7	9396.6	300.0	-43.8	99.9	311.1	19.1	14.4	-12.5	323.6	999.9	99.9	999.9	15.7	123
34.9	98.0	9975.0	275.0	-48.6	99.9	313.9	19.9	14.3	-13.8	324.6	999.9	99.9	999.9	18.1	124
37.1	102.4	10594.9	250.0	-53.9	99.9	318.7	20.9	13.8	-15.7	326.0	999.9	99.9	999.9	20.7	126
39.5	107.2	11283.4	225.0	-59.4	99.9	320.7	22.6	14.3	-17.5	327.4	999.9	99.9	999.9	23.7	128
42.2	112.2	11992.7	200.0	-63.3	99.9	321.1	25.0	15.7	-19.4	332.5	999.9	99.9	999.9	27.5	130
45.2	117.6	12815.6	175.0	-61.8	99.9	310.6	22.0	16.7	-14.3	348.0	999.9	99.9	999.9	31.7	131
48.7	123.5	13781.9	150.0	-58.2	99.9	303.0	20.8	17.4	-11.3	369.9	999.9	99.9	999.9	36.0	130
52.5	129.7	14931.0	125.0	-5[illegible].4	99.9	311.4	16.0	12.0	-10.6	391.1	999.9	99.9	999.9	40.5	130
57.5	137.0	16330.2	100.0	-5[illegible].4	99.9	310.6	12.4	9.4	-8.0	413.0	999.9	99.9	999.9	44.2	130
63.8	145.0	18143.3	75.0	-56.0	99.9	316.4	9.7	6.7	-7.0	455.5	999.9	99.9	999.9	48.8	130
72.1	154.0	20723.4	50.0	-56.8	99.9	342.4	6.6	2.0	-6.3	509.6	999.9	99.9	999.9	52.5	131
84.8	163.7	25195.1	25.0	-52.7	99.9	25.7	4.1	-1.8	-3.7	633.5	999.9	99.9	999.9	53.6	134

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA

2 MAY 1982
215 GMT

158 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	10.2	400.0	973.9	15.6	7 1	170.0	3.1	-0.5	3.1	291 0	308 3	8.5	57.0	0 0	0
99.9	99.9	99.9	1000.0	99.9	99 9	99.9	99.9	99.9	99.9	99 9	999.9	99.9	999.9	999 9	999
99 9	99.9	99.9	975.0	99.9	99 9	99.9	99.9	99 9	99.9	99 9	999 9	99 9	999.9	999 9	999
0.7	12.7	671.4	950.0	15.0	4 2	207.2	6.4	2.9	5.7	292 4	307.1	5 5	48.3	0 3	18
1.5	15.4	838.3	925.0	12.9	3 9	207.2	6.2	2.8	5.5	292.5	307.3	5.5	54.2	0.6	22
2.4	18.0	1065.8	900.0	10.9	3 6	203.3	5.9	2.3	5.4	292 7	307.6	5 5	60 6	1 0	24
3 2	20.8	1300.0	875.0	8.7	1 5	189.2	4 8	0.8	4.8	292 8	308.0	4.9	60 6	1 2	23
4.1	23.5	1539.3	850.0	6.9	0 7	131.1	4.6	-3.4	3.0	293.4	308.3	4.7	64.6	1.4	18
5.0	26.2	1784.3	825.0	5.7	0 4	97.1	7.2	-7.1	0.9	294 6	307.8	4.8	68 8	1.4	6
5.9	29.0	2035.8	800.0	4.3	-4.3	93.2	6.4	-6.4	0.4	295 8	305 6	3.5	53.6	1.4	347
6.8	31.8	2293.5	775.0	3.4	-17 5	153.7	2.0	-0.9	1.8	297 5	301 4	1 3	20.4	1.5	340
7 7	34 6	2559.3	750.0	2.9	-18 7	276.9	3.1	3 1	-0 4	299 8	303 3	1 2	18.5	1.5	342
8.7	37.4	2833.3	725.0	2.2	-19 4	289.8	4.7	4.4	-1.6	301 8	305.3	1.1	18.4	1.4	352
9.7	40.3	3118.2	700.0	1.5	-19.0	315.0	4.5	3.2	-3.2	304 1	307 9	1.2	19.9	1.2	1
10.7	43.3	3408.9	675.0	1.2	-19.3	327.5	5.3	2.8	-4.4	307 1	310.9	1.2	19 8	1 0	11
11.8	46.2	3711.4	650.0	-0.7	-17.8	320.4	6.1	3.9	-4 7	308 2	312.8	1.5	25.9	0 8	30
12.8	49.1	4023.3	625.0	-3.0	-19.8	306.6	7.5	6.0	-4.5	309 0	313.0	1 3	26 0	0 8	59
14.0	52.3	4345 1	600.0	-5.4	-20 8	301.2	9.7	8.3	-5 0	309 9	313.7	1.2	28.4	1 2	86
15.2	55.4	4676.9	575.0	-8.5	-25 5	294.5	10.4	9.5	-4.3	310.0	312.8	0 9	24 3	1 9	98
16.5	58.5	5019.6	550.0	-11.4	-31.0	286.6	12.1	11.6	-3.5	310 6	312 3	0 5	17 9	2 7	102
17 8	61.7	5374.9	525.0	-13.6	-30 9	287.9	13 8	13.1	-4.2	312 0	313 9	0 6	21 8	3 7	103
19.0	65.0	5743.6	500.0	-16.6	-31.5	269.1	13.8	13.1	-4.5	312.9	314.7	0.5	25 9	4 8	104
20.3	68.4	6126.9	475.0	-19.7	-33.7	283.3	12.4	12 1	-2 9	313 6	315.1	0.5	27 5	5 8	105
21.7	71.7	6525.7	450 0	-22.6	-33.8	286 8	12.6	12.1	-3 6	314 8	316.5	0.5	35.0	6 8	105
23.2	75.3	6942.5	425.0	-26.2	-36 9	300.4	13.7	11.8	-6 9	315 5	316.8	0.4	35.5	8 0	106
24.9	78.9	7378.7	400.0	-28.8	-39 6	312.5	14 8	10.9	-10 0	317.6	318 6	0.3	34.4	9 4	109
26 7	82.6	7837.4	375.0	-32.6	-41 5	314.2	16.0	11.5	-11 1	318 4	319 3	0 3	40 6	10 9	113
28 7	86.4	8319.9	350.0	-35.8	-46 4	315.6	19.2	13.5	-13 7	320 5	321 1	0.2	32.3	12 7	116
30.8	90.3	8830.9	325.0	-40 0	99 9	312.0	19.3	14 4	-12 9	321 5	999.9	99.9	999 9	15 0	119
32.8	94.5	9372.2	300.0	-44.4	99 9	316.1	20 4	14.1	-14.7	322 9	999 9	99 9	999 9	17 5	121
35.2	98.8	9946.9	275.0	-49.3	99 9	320.0	22.3	14.3	-17 1	323 8	999.9	99 9	999 9	20.4	124
37.7	103.3	10567.0	250.0	-54.2	99 9	320.5	26.5	16.9	-20.5	325 5	999 9	99.9	999 9	23 8	126
40.1	108.0	11233.8	225.0	-59.9	99 9	321 3	29.2	18.2	-22.8	326 7	999 9	99.9	999 9	27 9	128
42 9	113.0	11959.9	200.0	-64.4	99 9	323.4	28.2	16.8	-22.6	330 8	999 9	99.9	999.9	32 7	130
46.0	118.5	12779.3	175.0	-62.5	99 9	319.1	21.8	14.3	-16 5	346 8	999 9	99.9	999 9	37 2	132
49.5	124.2	13739.1	150.0	-59.7	99 9	317.9	20 4	13.7	-15 1	367 2	999.9	99 9	999 9	41 5	132
54 0	130.7	14876.5	125.0	-59.9	99.9	321.7	14.7	9.1	-11 6	386 5	999 9	99.9	999 9	46 3	133
59.0	137.7	16264.8	100.0	-61.5	99 9	317.9	13.0	8.7	-9 7	408 9	999 9	99.9	999 9	49 9	134
65.1	145.3	18056.7	75.0	-59.4	99 9	326 5	10.7	5.9	-3.9	448 4	999 9	99 9	999 9	54 5	134
73 5	153.5	20609.6	50.0	-56 9	99 9	11.0	6.4	-1 2	-6.3	509 4	999 9	99 9	999 9	57 9	135
87.6	162.3	25024.6	25.0	-53 5	99 9	999.9	99.9	99.9	99 9	631 4	999 9	99 9	999.9	58 0	139

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2 MAY 1982
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16: 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	400.0	974.1	13.2	7 0	180.0	2.1	0.0	2.1	288 5	305.5	6 5	66.0	0 0	0
99.9	99.9	99.9	1000.0	99.9	99 9	99.9	99.9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	975 0	99 9	99 9	99.9	99 9	99.9	99 9	99 9	999.9	99 9	999 9	999 9	999
0.7	12.3	612.3	950.0	15 1	4.8	233.9	6.4	5.2	3.8	292 5	307 8	5 7	49 9	0 3	18
1.5	14.9	837.4	925.0	13.2	3 7	230.9	5 1	3.9	3.2	292 8	307.4	5 4	52 6	0 5	36
2 4	17.6	1067 1	900 0	11 2	1 9	211.1	4.7	2 4	4.1	293 1	306.4	4 9	52 4	0 8	40
3 2	20 2	1301.7	875.0	9.5	0 0	169.9	5 5	-1.0	5 4	293 7	305.7	4 4	51 6	1 0	33
4 1	22.9	1541.4	850 0	7 8	0 0	138.8	7.4	-4.9	5.6	294 3	306 7	4.5	58 1	1 2	19
4.9	25.6	1787.0	825.0	6 1	-1 2	112 1	7.8	-7 3	2.9	295 0	306.8	4.3	59 4	1 4	2
5.8	28.3	2038.4	800.0	4 2	-4 1	110.7	6.6	-6 1	2.3	295 7	305 7	3 6	55 0	1.5	347
6.6	31.0	2296.4	775.0	3 9	-18 8	160.9	2.4	-0.8	2 3	298 0	301 4	1 1	17 1	1 7	341
7 6	33.8	2562.6	750.0	3 0	-18 9	294.7	3.2	2.9	-1.3	299 8	303 3	1 1	18 0	1 6	342
8.6	36.7	2836.8	725.0	2 7	-17 6	312.3	3.6	2.7	-2.4	302 4	306 5	1.3	20 8	1 4	348
9.6	39.5	3120.2	700.0	2.3	-18 8	325.2	2 6	1.5	-2.2	305 1	308 9	1 2	19 1	1 2	352
10.6	42.3	3412.9	675.0	0.8	-20.3	309.3	3.2	2.5	-2.0	308 6	310 1	1 1	18 8	1 1	356
11.8	45.3	3715.0	650.0	-1 0	-18.1	295.6	4.4	4.0	-1 9	307.8	312 2	1 4	25 9	1 0	9
12.9	48.2	4026.0	625.0	-3.6	-20.1	286.8	5.8	5.6	-1.7	308.1	312 1	1 3	27 4	1 0	28
14 0	51.3	4346.9	600.0	-6.1	-24.2	282.8	8.4	8.2	-1 9	309.0	311 9	0 9	22.2	1 2	51
15 3	54.3	4678.5	575.0	-8.5	-23.2	284.1	10.2	9.9	-2.5	310 1	313 4	1 0	30 0	1.8	70
16.6	57.4	5021.3	550.0	-11.7	-18.3	288 9	11 2	10.6	-3.6	310 2	315 4	1 6	57 7	2 5	82
17 9	60.5	5375.7	525.0	-14.6	-22 9	287.0	12 6	12.0	-3 7	310 9	314 6	1 2	49 1	3 4	89
19 4	63.7	5743.7	500.0	-16.6	-34.2	290.7	13.2	12 4	-4.7	312.9	314 3	0 4	20 2	4 5	94
20.9	67.0	6127.6	475.0	-19.2	-33.5	299.6	11 9	10 3	-5.9	314 2	315 8	0 5	26 8	5.5	98
22.5	70.4	6527.5	450.0	-22.5	-36.5	307.7	12.6	10.0	-7 7	314.9	316 2	0.4	26 4	6 5	102
24.0	73.9	6945.9	425.0	-24.6	-40 1	309.5	14.5	11.2	-9.2	317.5	318 5	0 3	21.9	7 7	107
25.8	77.4	7383.9	400.0	-28.5	-43 0	311.0	14.0	10.5	-9.2	317 9	318 7	0 2	23 1	9.2	111
27.6	81.1	7842.3	375.0	-32.5	-43 4	316 8	13.9	9.5	-10 1	318 5	319 3	0 2	32 6	10 5	113
29.5	85.0	8325.8	350.0	-35.7	-46 8	322.4	16 9	10.3	-13 4	320.6	321 2	0 2	30.5	12.1	117
31.4	88.8	8836.9	325.0	-39 9	99 9	319 2	18.7	12.2	-14 2	321 7	999 9	99 9	999 9	14 1	121
33.5	93.0	9378.0	300.0	-44.8	99 9	323.4	20.3	12 1	-16 3	322 3	999 9	99 9	999 9	16 3	124
35.6	97.2	9954.5	275.0	-49 3	99 9	326.4	22 7	12.6	-18 9	323 9	999 9	99 9	999 9	18 9	127
38.1	101.7	10572.4	250.0	-54 7	99 9	325.3	24 5	13 9	-20 1	324.8	999.9	99 9	999 9	22.3	130
40.7	106.3	11239.5	225.0	-59 3	99 9	328.3	27 7	14 6	-23 6	327 7	999 9	99 9	999 9	26 1	132
43.7	111.4	11969.4	200.0	-63 6	99 9	330.0	29.0	14.5	-25.2	332 1	999 9	99 9	999 9	31 1	135
46.8	116.7	12787.3	175.0	-63 0	99 9	322.6	24 8	15.1	-19 7	345 9	999 9	99 9	999 9	36 1	137
50.3	122.5	13742.3	150.0	-62 2	99 9	320.3	20 2	12.9	-15 5	363 0	999 9	99 9	999.9	40 9	137
54.9	129.0	14873.5	125 0	-60.4	99 9	317.4	14.8	10 0	-10 9	385 5	999 9	99 9	999 9	45 3	137
60.1	136.0	16260.0	100.0	-61.9	99 9	316.2	14 5	10 0	-10 4	408 1	999 9	99 9	999 9	49 6	137
68.7	144.0	18047.5	75.0	-60.6	99 9	323.6	9.6	5 7	-7 8	445 8	999 9	99 9	999 9	54 7	138
76.0	153.0	20602.7	50.0	-58.7	99 9	353.5	5 1	0 3	-5 1	510 0	999 9	99 9	999 9	58 3	139
89.5	162.5	25011.6	25.0	-55.0	99 9	67.1	3 7	-3 4	-1 5	626 7	999 9	99 9	999 9	58.5	141

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 553
OMAHA, NEBRASKA

2 MAY 1982
1104 GMT

157 10 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT * DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	400.0	974.2	11.2	6.7	170.0	2.6	-0.5	2.6	286.5	303.0	[illegible]	74.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.6	11.8	612.3	950.0	14.2	7.0	296.8	6.8	6.1	-3.0	291.6	309.3	6.7	61.9	0.6	19
1.4	14.3	637.2	925.0	12.8	5.5	227.4	3.9	2.9	2.6	292.4	308.8	6.1	61.2	0.7	32
2.2	16.8	1066.6	900.0	10.7	3.4	207.1	3.4	1.6	3.1	292.5	307.2	5.5	61.0	0.9	30
3.0	19.4	1300.7	875.0	8.5	2.9	216.3	3.6	2.1	2.9	292.6	307.2	5.4	67.7	1.1	30
3.8	21.9	1539.7	850.0	6.5	1.7	201.2	3.7	1.3	3.4	292.9	306.8	5.1	71.6	1.2	31
4.6	24.5	1784.0	825.0	4.4	-1.1	164.7	5.3	-1.4	5.1	293.3	305.1	4.3	67.5	1.4	26
5.4	27.1	2033.8	800.0	2.8	-5.4	151.9	6.5	-3.1	5.7	294.2	303.3	3.2	55.4	1.6	18
6.3	29.7	2291.3	775.0	3.9	-17.0	190.1	3.8	0.7	3.7	298.0	301.9	1.3	20.0	1.8	12
7.1	32.3	2557.5	750.0	3.5	-14.9	275.9	2.5	2.5	-0.3	300.4	305.2	1.6	24.5	2.0	14
8.1	35.1	2831.9	725.0	2.4	-14.2	291.2	3.3	3.1	-1.2	302.1	307.3	1.8	28.1	1.9	19
9.0	37.8	3114.4	700.0	1.1	-18.8	288.1	4.6	4.4	-1.3	303.7	307.6	1.2	21.1	1.9	25
10.0	40.6	3406.9	675.0	0.7	-15.9	294.8	6.0	5.5	-2.5	306.5	311.5	1.6	27.6	2.0	34
11.0	43.3	3708.7	650.0	-1.7	-14.7	301.0	6.4	5.5	-3.3	307.1	312.8	1.9	38.0	2.0	45
12.1	46.2	4019.2	625.0	-4.4	-20.3	298.7	7.5	6.5	-3.6	307.4	311.3	1.2	27.9	2.2	56
13.1	49.0	4338.2	600.0	-6.9	-15.6	295.8	9.8	8.8	-4.3	308.2	314.0	1.9	49.9	2.5	67
14.3	52.0	4669.7	575.0	-9.4	-21.7	299.1	10.3	9.0	-5.0	309.0	312.7	1.2	35.9	3.0	78
15.4	55.0	5013.0	550.0	-10.0	-28.6	307.8	9.4	7.4	-5.8	312.3	314.4	0.6	20.0	3.5	85
16.6	58.0	5369.6	525.0	-13.1	-29.3	314.0	9.3	6.7	-6.4	312.7	314.8	0.6	24.0	4.0	92
17.8	61.1	5739.7	500.0	-15.9	-30.8	320.0	10.1	6.5	-7.8	313.7	315.7	0.6	26.8	4.5	99
19.1	64.3	6124.1	475.0	-18.6	-33.0	327.2	11.0	6.0	-9.3	314.9	316.6	0.5	26.9	5.1	105
20.5	67.4	6524.9	450.0	-21.9	-35.5	336.5	11.4	4.5	-10.5	315.8	317.2	0.4	27.8	5.8	112
21.9	70.9	6942.7	425.0	-25.1	-39.5	337.5	11.0	4.2	-10.1	316.9	317.9	0.3	24.4	6.5	118
23.5	74.1	7381.1	400.0	-27.8	-42.7	328.9	11.3	5.8	-9.7	318.9	319.6	0.2	22.3	7.3	122
25.2	77.7	7841.7	375.0	-31.4	-45.0	328.6	11.2	5.8	-9.5	320.0	320.7	0.2	24.6	8.4	126
26.9	81.1	8326.3	350.0	-35.3	-48.9	327.4	11.2	6.1	-9.5	321.2	321.6	0.1	23.1	9.4	128
28.7	84.7	8838.1	325.0	-39.3	-51.9	326.5	13.4	7.4	-11.2	322.5	322.9	0.1	24.5	10.8	131
30.6	88.3	9381.6	300.0	-43.4	99.9	336.6	15.7	6.3	-14.4	324.2	999.9	99.9	999.9	12.3	133
33.0	92.3	9961.6	275.0	-47.6	99.9	340.0	20.4	7.0	-19.2	326.3	999.9	99.9	999.9	14.6	138
35.3	96.5	10584.3	250.0	-52.6	99.9	337.0	23.4	9.2	-21.6	327.9	999.9	99.9	999.9	17.5	141
37.8	101.0	11257.2	225.0	-57.5	99.9	333.5	26.1	11.6	-23.4	330.4	999.9	99.9	999.9	21.2	144
40.6	105.8	11991.8	200.0	-62.7	99.9	330.5	26.9	13.2	-23.4	333.5	999.9	99.9	999.9	25.5	145
43.6	111.0	12806.2	175.0	-66.0	99.9	327.1	27.7	15.0	-23.3	341.0	999.9	99.9	999.9	30.6	146
46.9	116.5	13749.1	150.0	-61.9	99.9	324.4	21.7	12.6	-17.7	363.4	999.9	99.9	999.9	35.6	146
51.0	122.7	14887.0	125.0	-59.8	99.9	322.6	17.1	10.4	-13.6	386.8	999.9	99.9	999.9	40.2	146
55.9	130.0	16282.9	100.0	-59.6	99.9	323.3	15.1	9.0	-12.1	412.3	999.9	99.9	999.9	44.8	145
61.7	138.3	18088.9	75.0	-60.3	99.9	336.8	11.8	4.6	-10.8	446.4	999.9	99.9	999.9	49.3	146
69.4	148.0	20637.8	50.0	-57.3	99.9	11.4	7.0	-1.4	-6.9	508.4	999.9	99.9	999.9	53.4	147
81.0	159.0	25068.9	25.0	-51.7	99.9	43.5	5.7	-3.9	-4.1	636.1	999.9	99.9	999.9	54.9	151

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 582
NORTH PLATTE, NEBRASKA

1 MAY 1982
1115 GMT

151 8 9

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE AM	AZ DG
0.0	14 3	847 0	924 8	1.4	0.2	100.0	2.6	-2 6	0 5	280 8	291 7	4 2	92 0	0 0	0
99.9	99.9	99 9	1000 0	99.9	99.9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	975 0	99.9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	950 0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99.9	999 9	999 9	999
99.9	99 9	99 9	925 0	99.9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 6	16 8	1070 7	900 0	8.1	3.9	143 2	10.9	-6 5	8 8	289 9	304 9	5 6	74 5	0 4	340
1.4	19 4	1303 1	875.0	7.3	0.5	166.5	7.2	-1 7	7 0	291 4	303 7	4 5	61 8	0 8	335
2.2	22.0	1541 5	850 0	6.8	-0.4	184.5	4.4	0 3	4 4	293 3	305 4	4 4	60 1	1 0	341
3 0	24 6	1787 0	825 0	7.6	-9 9	162.0	5 5	-1 7	5 2	298 7	303 0	2 2	27 7	1 2	343
3.8	27 2	2040 5	800.0	6.8	-7.3	147.4	7.3	-3 9	6 1	298 5	306 4	2 8	35 6	1 5	341
4.7	29.9	2300 4	775 0	5 0	-10.5	159.2	6 2	-2 2	5 8	299 2	305 7	2 2	31 5	1 9	338
5.5	32 4	2567 4	750 0	4.0	-13.6	189.7	4 9	0.8	4 9	301 0	306 3	1 8	26 2	2 2	340
6.4	35 1	2842 2	725 0	2.6	-9.9	218.2	3 0	1.9	2.4	302 4	309 7	2 5	39 2	2 3	344
7.4	37.8	3125.1	700.0	1.1	-6.4	250.8	5.5	5.2	1 8	303 7	313 6	3 4	57 2	2 4	349
8.5	40.6	3416.9	675.0	-0.3	-15.2	242.2	5 1	4.5	2 4	305 3	311 1	1 9	35 2	2 4	358
9.5	43.3	3719 4	650.0	0.0	-20.3	223 3	3 3	2.3	2.4	309 0	312 7	1 2	19 8	2 6	2
10.7	46.1	4031 8	625.0	-2.5	-22 0	258.0	2.9	2 8	0 6	309 6	313 0	1 0	20 6	2 7	5
11.8	49.1	4354.2	600.0	-4.9	-23.7	291 8	3.9	3.6	-1 4	310 5	313 5	0 9	21 2	2 7	10
13.0	52.0	4687.6	575.0	-6.8	-23.4	296 9	4.7	4.1	-2 3	312.1	315 3	1 0	25 1	2 6	16
14.3	55.0	5032.4	550.0	-10.3	-25.2	304 4	5.5	4 5	-3 1	311 9	314 8	0 9	28 1	2 6	25
15.6	58.0	5388 7	525.0	-13.1	-27.8	304.1	6 1	5.1	-3 4	312 7	315 1	0 7	27 7	2 5	35
17.0	61.1	5758.5	500.0	-16.0	-30.2	302.4	7.3	6.2	-3 9	313 5	315 6	0 6	28 0	2 6	47
18.4	64.4	6142.5	475 0	-19.4	-31 4	298.6	7.8	6 9	-3 7	314 0	315 9	0 6	33 3	2 8	60
20.0	67.6	6542.0	450.0	-22.7	-34 1	291 7	7.9	7 3	-2 9	314 7	316 3	0 5	34 2	3 3	71
21.6	71.0	6958 1	425.0	-26.1	-36.3	281 4	8.6	8 5	-1 [illegible]	315.5	316 9	0.4	37 4	4 0	77
23.3	74.3	7394 3	400 0	-29.1	-38 7	279.7	10 7	10 6	-1 6	317.2	318 4	0 3	38 7	4 9	82
25.3	77 9	7852 0	375.0	-33 1	-41.4	283 4	11 2	10 9	-2 5	317 8	318 7	0 3	42 8	6 2	86
27.4	81 5	8333 4	350.0	-36.4	-45.7	288 8	10.5	10 1	-3 0	319 6	320 3	0 2	37 2	7 5	89
29.5	85.3	8843 6	325 0	-39.8	99.9	299 8	10.5	9 1	-5 2	321 9	999 9	99 9	999 9	8 7	93
31.9	89.3	9386 3	300.0	-43.7	99.9	306.2	10.8	8.7	-6 4	323 7	999 9	99 9	999 9	10 0	97
34.3	93 4	9966 6	275.0	-47.3	99.9	305 0	11 7	9.6	-6 7	326 7	999 9	99 9	999 9	11 5	101
37.1	97 8	10589 9	250 0	-52.4	99.9	307 0	12.7	10 2	-7 7	328 2	999 9	99 9	999 9	13 3	105
39.9	102 4	11263 1	225.0	-57 6	99.9	309.4	16 3	12 6	-10 3	330 3	999 9	99 9	999 9	15.5	108
42.8	107 3	11997 8	200.0	-61 4	99.9	302.3	19 8	16 7	-10 6	335 5	999 9	99 9	999 9	18 5	112
46.3	112 5	12822 8	175 0	-63.0	99 9	291.4	19 6	18 3	-7 2	345 9	999 9	99 9	999 9	22 8	112
50.2	118.2	13775 6	150 0	-60 3	99.9	290 1	18.4	17 3	-6 3	361 2	999 9	99 9	999 9	27 2	112
54.6	124.5	14913 5	125 0	-59 4	99.9	289.0	14 0	13 2	-4 5	387 5	999 9	99 9	999 9	31 4	112
60.0	131.5	16309 5	100.0	-59.2	99.9	296.0	14 1	12 7	-6 2	413 1	999 9	99 9	999 9	36 0	111
66.5	139.3	18119 8	75.0	-57 4	99.9	307.0	9 4	7.5	-5 7	452 [illegible]	999 9	99 9	999 9	40 5	113
75.3	148 5	20699 9	50 0	-54 8	99.9	346 6	4.7	1 1	-4 6	514 [illegible]	999 9	99 9	999 9	43 6	114
87.9	158.0	25150 7	25 0	-52.3	99.9	35 3	3.8	-2 2	-3 1	634 2	999 9	99 9	999 9	43 0	116

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

STATION NO 562
NORTH PLATTE, NEBRASKA

1 MAY 1982
1415 GMT

154 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	847.0	925.2	8.4	6.2	180.0	3.1	0.0	3.1	287.9	304.8	6.5	86.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	14.7	848.8	925.0	8.4	6.2	999.9	99.9	99.9	99.9	287.9	304.8	6.4	85.9	999.9	999
1.1	17.3	1075.7	900.0	8.3	5.7	999.9	99.9	99.9	99.9	290.0	307.0	6.4	83.9	999.9	999
1.9	19.9	1308.0	875.0	6.6	4.7	999.9	99.9	99.9	99.9	290.6	307.0	6.2	88.1	0.7	9
2.6	22.4	1545.5	850.0	5.2	-0.5	170.8	6.8	-1.4	8.7	291.6	303.5	4.4	66.7	1.1	6
3.5	25.0	1789.9	825.0	7.8	-16.2	151.9	8.4	-4.1	7.3	296.8	300.7	1.3	16.3	1.5	358
4.4	27.7	2043.3	800.0	7.4	-15.9	148.6	7.4	-3.8	6.3	299.0	303.2	1.4	17.2	1.9	351
5.2	30.3	2304.1	775.0	6.5	-14.2	152.9	5.0	-2.3	4.5	300.8	305.7	1.7	21.3	2.2	348
6.2	33.1	2571.7	750.0	4.0	-13.8	166.2	3.7	-0.9	3.6	301.0	306.2	1.8	25.9	2.5	347
7.2	35.8	2846.2	725.0	1.8	-9.5	205.5	3.2	1.4	2.9	301.4	309.0	2.6	43.0	2.6	348
8.2	38.6	3129.1	700.0	1.1	-8.5	243.6	6.0	5.4	2.7	303.7	312.1	2.9	48.7	2.7	353
9.1	41.3	3420.5	675.0	-0.7	-15.5	238.1	5.3	4.5	2.8	304.9	310.5	1.9	35.5	2.8	0
10.1	44.1	3722.3	650.0	-0.5	-24.2	238.7	3.3	2.8	1.7	308.4	311.0	0.8	14.6	3.0	3
11.3	47.1	4033.8	625.0	-3.1	-26.2	264.8	3.4	3.4	0.3	309.0	311.3	0.7	14.7	3.1	7
12.6	50.0	4356.1	600.0	-5.2	-27.3	276.1	4.0	3.9	-0.4	310.1	312.3	0.7	15.6	3.1	13
13.8	52.9	4688.8	575.0	-7.7	-29.1	276.6	4.7	4.7	-0.5	311.0	313.0	0.6	15.9	3.2	18
15.1	56.0	5032.7	550.0	-10.7	-29.7	273.9	5.9	5.9	-0.4	311.4	313.4	0.6	19.1	3.3	25
16.3	59.0	5388.4	525.0	-13.6	-32.1	268.1	6.2	6.2	0.2	312.0	313.7	0.5	19.2	3.5	32
17.7	62.1	5757.1	500.0	-16.6	-33.6	270.7	6.0	6.0	-0.1	312.9	314.3	0.4	20.7	3.8	38
19.1	65.4	6140.5	475.0	-19.8	-32.1	276.3	6.9	6.8	-1.0	313.5	315.3	0.5	32.4	4.1	45
20.6	68.7	6539.1	450.0	-23.2	-33.8	276.3	8.7	8.6	-1.2	314.0	315.7	0.5	37.2	4.5	52
22.1	72.0	6954.8	425.0	-26.7	-35.8	276.6	10.4	10.3	-1.6	314.8	316.2	0.4	41.6	5.2	58
23.6	75.6	7389.9	400.0	-30.2	-38.7	287.8	10.0	9.5	-3.0	315.7	316.9	0.3	42.8	5.9	65
25.3	79.1	7846.8	375.0	-32.3	-46.3	292.6	8.8	8.1	-3.4	318.9	319.5	0.2	23.0	6.6	71
27.1	82.8	8331.2	350.0	-35.0	-51.7	302.9	10.3	8.6	-5.6	321.6	322.0	0.1	16.1	7.3	76
29.0	86.7	8844.0	325.0	-38.0	-54.9	308.9	13.1	10.2	-8.2	322.9	323.2	0.1	16.5	8.2	84
31.0	90.7	9388.0	300.0	-43.2	99.9	301.6	15.7	13.4	-8.2	324.5	999.9	99.9	999.9	9.6	91
33.0	94.8	9968.0	275.0	-48.1	99.9	299.4	16.9	14.7	-8.3	325.5	999.9	99.9	999.9	11.4	96
35.3	99.2	10589.3	250.0	-53.3	99.9	301.5	17.3	14.8	-9.1	326.8	999.9	99.9	999.9	13.5	100
37.8	104.0	11258.4	225.0	-58.0	99.9	299.9	18.0	15.6	-9.0	329.7	999.9	99.9	999.9	16.0	103
40.1	108.6	11996.8	200.0	-60.7	99.9	300.7	19.0	16.3	-9.7	336.6	999.9	99.9	999.9	18.5	105
43.0	114.0	12819.3	175.0	-64.0	99.9	299.7	17.5	15.2	-8.7	344.3	999.9	99.9	999.9	21.6	108
46.1	119.7	13777.8	150.0	-60.3	99.9	298.5	17.0	15.0	-8.1	366.2	999.9	99.9	999.9	24.9	109
49.9	126.2	14915.6	125.0	-59.1*	99.9	294.2	16.0	14.6	-6.5	387.9	999.9	99.9	999.9	28.4	110
54.4	133.3	16320.0	100.0	-59.1	99.9	309.2	11.5	8.9	-7.2	413.7	999.9	99.9	999.9	32.2	111
60.1	141.7	18129.6	75.0	-57.5	99.9	311.6	8.0	6.0	-5.3	452.3	999.9	99.9	999.9	35.2	113
68.0	151.3	20718.8	50.0	-54.7	99.9	12.3	4.2	-0.9	-4.1	514.8	999.9	99.9	999.9	37.1	115
80.3	161.7	25188.8	25.0	-50.6	99.9	999.9	99.9	99.9	99.9	639.7	999.9	99.9	999.9	35.3	117

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 562
NORTH PLATTE, NEBRASKA

1 MAY 1982
1715 GMT

157 11 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	847.0	924.6	15.1	6.7	190.0	7.7	1.3	7.6	294.8	312.7	8.7	57.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	16.9	1073.4	900.0	11.1	4.2	999.9	99.9	99.9	99.9	293.0	308.5	5.8	82.2	999.9	999
1.5	19.6	1307.9	875.0	8.8	4.2	999.9	99.9	99.9	99.9	292.9	308.9	5.9	72.9	999.9	999
2.2	22.1	1547.3	850.0	6.7	4.3	168.9	9.9	-1.9	9.7	293.2	309.8	6.2	84.5	1.3	357
3.2	24.8	1791.9	825.0	5.0	0.8	160.2	9.3	-3.1	8.7	293.9	307.2	4.9	73.8	1.8	353
4.3	27.5	2045.6	800.0	8.5	-8.5	162.5	7.2	-2.2	6.9	300.2	307.6	2.5	29.0	2.3	349
5.2	30.1	2307.4	775.0	7.1	-7.4	159.1	7.3	-2.6	6.8	301.5	309.7	2.8	34.5	2.7	349
6.4	32.9	2578.2	750.0	5.4	-4.8	160.7	7.4	-2.4	6.9	302.4	312.9	3.6	48.4	3.2	346
7.4	35.7	2852.2	725.0	2.9	-5.0	192.6	6.9	1.5	6.7	302.6	313.1	3.8	56.0	3.6	347
8.5	38.4	3135.7	700.0	1.8	-11.5	224.1	7.3	5.1	5.2	304.5	311.3	2.3	38.5	4.0	352
9.5	41.3	3428.4	675.0	0.8	-15.3	233.5	5.7	4.6	3.4	306.5	311.8	1.7	28.9	4.2	357
10.6	44.1	3731.8	650.0	0.3	-18.6	241.1	4.1	3.6	2.0	309.4	313.6	1.3	22.4	4.4	0
11.6	47.1	4045.0	625.0	-1.9	-20.0	266.0	4.7	4.7	0.3	310.3	314.7	1.2	23.5	4.5	4
13.1	50.0	4368.0	600.0	-4.4	-22.1	274.6	5.9	5.9	-0.5	311.0	314.4	1.1	23.6	4.5	9
14.4	53.0	4701.5	575.0	-7.0	-24.5	268.6	5.5	5.5	0.1	311.8	314.7	0.9	23.2	4.6	15
15.8	56.1	5048.3	550.0	-10.2	-25.9	257.8	5.1	5.0	1.1	312.0	314.7	0.8	26.0	4.7	20
17.1	59.3	5403.1	525.0	-12.6	-27.4	241.2	5.9	5.2	2.8	313.3	315.9	0.8	27.5	5.0	23
18.4	62.4	5774.0	500.0	-15.1	-28.8	250.0	9.2	8.7	3.2	314.7	317.0	0.7	29.7	5.5	27
20.0	65.7	6159.5	475.0	-18.5	-27.2	260.6	11.0	10.8	1.8	315.1	317.9	0.9	45.9	6.2	34
21.4	69.0	6560.3	450.0	-21.6	-30.5	270.7	11.1	11.1	-0.1	316.2	318.4	0.7	42.9	6.8	40
23.0	72.4	6979.6	425.0	-24.7	-30.1	282.6	10.4	10.2	-2.3	317.3	318.7	0.4	33.5	7.4	47
24.6	76.0	7416.9	400.0	-28.8	-39.3	288.4	10.3	9.8	-3.3	317.5	318.6	0.3	35.4	8.0	53
26.3	79.6	7878.0	375.0	-29.9	-43.9	297.4	10.2	9.0	-4.7	322.0	322.7	0.2	24.0	8.6	59
28.1	83.3	8365.7	350.0	-33.8	-47.1	307.7	12.2	9.6	-7.5	323.2	323.7	0.2	24.5	9.1	66
29.9	87.2	8880.6	325.0	-37.9	-48.6	314.2	12.8	9.1	-8.8	324.5	325.0	0.1	31.2	9.8	73
31.8	91.3	9427.2	300.0	-42.1	99.9	321.9	13.4	8.2	-10.5	326.1	999.9	99.9	999.9	10.5	80
33.8	95.5	10000.4	275.0	-47.3	99.9	315.9	15.1	10.5	-10.9	326.8	999.9	99.9	999.9	11.5	88
36.1	100.0	10633.0	250.0	-51.9	99.9	318.9	16.5	10.8	-12.4	328.9	999.9	99.9	999.9	12.9	95
38.4	104.6	11300.0	225.0	-56.7	99.9	325.3	22.1	12.6	-18.2	331.7	999.9	99.9	999.9	14.8	103
40.8	109.8	12047.0	200.0	-61.2	99.9	317.5	22.1	14.9	-16.3	335.9	999.9	99.9	999.9	17.5	110
43.5	115.0	12888.8	175.0	-64.2	99.9	307.3	19.4	15.4	-11.8	344.0	999.9	99.9	999.9	20.6	113
46.6	121.0	13823.2	150.0	-60.4	99.9	294.0	16.5	15.1	-6.7	366.1	999.9	99.9	999.9	23.8	115
50.2	127.7	14961.2	125.0	-59.6	99.9	292.9	16.5	15.2	-6.4	367.1	999.9	99.9	999.9	27.4	113
54.8	135.0	16363.3	100.0	-58.0	99.9	312.0	13.4	10.0	-9.0	415.7	999.9	99.9	999.9	31.4	115
60.4	144.0	18175.9	75.0	-56.3	99.9	318.3	8.9	6.2	-6.5	454.8	999.9	99.9	999.9	35.0	117
68.2	154.0	20787.8	50.0	-54.7	99.9	3.8	4.1	-0.3	-4.1	514.6	999.9	99.9	999.9	38.9	119
80.4	184.5	25245.9	25.0	-50.2	99.9	999.9	99.9	99.9	99.9	640.6	999.9	99.9	999.9	38.5	121

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEBRASKA

1 MAY 1982
2015 GMT

156 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14 9	947 0	922.8	18.5	5 0	180 0	8 2	0 0	8 2	298 4	314 8	6 0	41 0	0 0	0
99.9	99 9	99 9	1000 0	99.9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99 9	975 0	99 9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	950 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	925.0	99.9	99.9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.9	17 3	1059 5	900.0	14.7	2 0	176 5	7 8	-0.5	7 8	296 7	310 3	4 9	42 2	0 3	1
1.5	18 5	1296.9	875.0	12 6	2 7	165 4	7 9	-2 0	7.8	298 8	311 5	5 3	50 9	0 6	356
2 2	22 7	1539 5	850.0	10 5	2 8	168 1	8 3	-1 7	8 1	297 1	312 3	5 5	58 8	1 0	351
2.9	25.3	1787.4	825.0	8.3	2 2	177 1	9 2	-0 5	9 2	297 4	312 4	5 5	65 3	1 3	352
3 7	28 1	2040 7	800.0	6.9	-13 9	177 9	9 5	-0 4	9 5	298 6	303 4	1 6	21 0	1 8	353
4 7	30 8	2301 9	775.0	7.2	-12 8	180 0	8 7	-0 0	8 7	301 5	307 1	1 8	22 5	2 4	354
5.3	33 6	2570.8	750.0	5.7	-12 4	193 2	9 1	2.1	8.9	302 8	308 7	2 0	25 8	2 9	357
6 8	36 4	2847 6	725 0	4.3	-6 [illegible]	209 8	9 0	4 4	7.8	304 1	313 9	3 3	46 8	3 5	0
7.9	39 2	3132.5	700.0	3.0	-19.2	234 2	6 7	5.4	3 9	305 9	313 4	2 5	37 1	3 8	5
9.0	42 1	3426 7	675.0	3.2	-19 1	280 3	4 6	4 6	0 8	309 2	313 2	1 2	17 6	4 0	10
10.3	45 0	3731 4	650.0	1 1	-19 3	281 5	4 8	4 7	-1 0	310 2	314 3	1 3	20 0	4 1	15
11.4	48.0	4045 1	625.0	-1 8	-15.2	278 6	4 6	4 6	-0 7	310.6	316 4	1 9	34.3	4 1	19
12.6	50 9	4368 7	600.0	-4.2	-20.7	258 2	4 5	4.4	0.9	311 2	315 2	1 2	26 3	4 2	23
13.9	54.0	4702 7	575.0	-6.6	-26 4	258 3	6 0	5 9	1 2	312 3	314 6	0 6	18 8	4 5	27
15.3	57 1	5048 2	550.0	-9 7	-21 1	289 6	7 2	7 2	0 1	312 6	316 7	1 3	38 6	4 8	33
16 6	60.3	5405.3	525.0	-12.9	-25 4	279 3	8 6	8 4	-1 4	312 9	316 0	0 9	34 4	5 1	39
17 9	63 5	5778.8	500.0	-14 6	-31.9	287 7	9 1	8 7	-2.8	315 2	317 0	0 5	21 4	5 4	46
19 4	66.7	6162.9	475.0	-17.5	-31.6	284 9	8 8	8.3	-2 2	316 3	318 2	0 6	25 0	5 8	52
20.8	70 1	6565.2	450.0	-20 9	-34.6	279.3	9 1	9 0	-1 5	317 0	318 5	0 4	27 8	6 4	57
22.4	73 6	6984 9	425.0	-24.4	-37 1	288 1	9 0	8.5	-2 8	317 8	319 1	0 4	29 3	7 0	62
24.1	77.1	7425.3	400.0	-25.9	-42 1	306 0	9 2	7 4	-5 4	321 4	322 2	0 2	20 0	7 5	68
25.8	80 7	7889 1	375.0	-30 0	-43 3	315.6	9 3	6 5	-6 6	321 9	322 7	0 2	25 7	8 0	74
27 7	84.6	8377 5	350 0	-33.0	-46 7	318 6	11 2	7 4	-8 4	324 3	324 9	0 2	23 6	8 5	81
29.6	88 5	8894.1	325.0	-37.4	-50 4	312.3	13 0	9 6	-8 8	325 2	325 6	0 1	24 0	9 4	88
31.8	92 5	9441 8	300 0	-42.0	99.9	313 3	14 4	10 5	-9.9	326 2	999 9	99 9	999 9	10 6	94
33 7	96 7	10025 0	275.0	-46 7	99 9	316 0	16 2	11 3	-11 7	327 6	999 9	99 9	999 9	12 2	100
35.9	101 2	10649.8	250.0	-52.1	99.9	322 0	17 5	10.8	-13 8	328 7	999 9	99 9	999 9	14 0	106
38 2	105 8	11324.4	225.0	-57 1	99 9	321 0	20 1	12 7	-15 6	[illegible]	999 9	99 9	999 9	16 2	111
40.8	110 8	12061.3	200.0	-62 1	99 9	318 3	21 9	14 5	-16 3	334 5	999 9	99 9	999 9	19 0	116
43.6	116 2	12880.6	175.0	-64 2	99 9	307 [illegible]	23 1	18 4	-13 9	344 1	999 9	99 9	999 9	22 8	119
46.7	122 0	13827 4	150 0	-60.6	99 9	296 3	20 0	17 9	-8 8	365 7	999 9	99 9	999 9	26 7	119
50.4	128 3	14968 8	125.0	-57.4	99 9	302 8	17 9	15.1	-9 7	391 0	999 9	99 9	999 9	31 0	119
54.9	135 7	16374.6	100.0	-57 3	99 9	316 2	13 8	9 6	-10 0	417 1	999 9	99 9	999 9	34 9	121
60 4	143 7	18190 7	75.0	-57 1	99 9	314 7	10 1	7 2	-7 1	453 1	999 9	99 9	999 9	38 6	122
66 1	153 0	20784.3	50 0	-55.9	99 9	347 4	3 6	0 8	-3 5	511 7	[illegible]	99 9	999 9	41 0	123
79 7	182.7	25230 0	25 0	-51 9	99 9	118 8	3 4	-3 0	1 5	635 9	999 [illegible]	99 9	999 9	41 8	126

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 582
NORTH PLATTE, NEBRASKA

1 MAY 1982
2300 GMT

150 7 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	14 6	847 0	920.8	19 6	5 6	170 0	5 2	-0 9	5 1	299 8	317 0	6 2	40 0	0 0	0
99 9	99 9	99 9	1000.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	975.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	950.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99.9	925.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 7	16 7	1042 5	900.0	16 7	3 8	999 9	99 9	99 9	99 9	298 7	314 1	5 6	42 2	999 9	999
1 5	19 2	1281 6	875 0	14 6	3 8	999 9	99 9	99 9	99 9	298 9	314 6	5 7	47 7	999 9	999
2 2	21 6	1525 7	850.0	12 0	3 1	999 9	99 9	99 9	99 9	298 8	314 4	5 7	54 5	999 9	999
3 3	24 3	1774 7	825.0	9 4	2 9	999 9	99 9	99 9	99 9	298 6	314 4	5 8	64 0	2 0	347
4 1	26 8	2029 2	800.0	7 3	-1 3	187 8	9 0	1 2	8 9	299 0	311 3	4 4	54 6	2 5	350
5 1	29 4	2290 9	775 0	6 0	-12 4	208 0	6 7	3 1	5 9	302 4	308 1	1 9	22 0	2 9	354
5 9	32 1	2561 0	750 0	7 5	-10 8	228 9	6 6	4 9	4 3	304 8	311 5	2 3	26 0	3 2	358
6 9	34 8	2839 4	725.0	6 2	-8 4	252 7	5 6	5 3	1 7	306 2	314 0	2 6	31 8	3 4	4
7 9	37 4	3126.8	700.0	5 6	-11 3	300 0	5 0	4 3	-2 5	308 7	315 7	2 3	28 4	3 3	8
8 9	40 2	3422 9	675.0	3.2	-9 3	304 4	4 2	3 5	-2 4	309 2	317 7	2 8	39 3	3 2	13
9 9	43 0	3727 4	650.0	0 8	-10 8	290 3	4 8	4 3	-1 6	309 8	317 6	2 6	41 4	3 1	17
11 0	45 8	4041 1	625.0	-1 8	-10 7	277 1	6 3	6 2	-0 8	310 3	318 5	2 7	50 9	3 2	24
12 2	48 7	4364 3	600.0	-4 8	-13 3	274 6	7 5	7 5	-0 6	310 6	317 6	2 3	51 1	3 4	32
13 4	51.5	4697 7	575.0	-7 5	-15 7	279 7	8 1	7 9	-1 4	311 3	317 3	1 9	51 3	3 7	39
14 6	54 5	5042 2	550 0	-9 7	-24 2	309 0	9 5	8 6	-5 3	312 6	315 8	1 0	29 3	3 9	48
15 9	57 5	5400 3	525.0	-11 7	-24 6	326 0	8 8	4 8	-7 1	314 3	317 5	1 0	33 3	3 9	57
17 2	60 5	5772 6	500.0	-14 4	-29 8	318 6	7.9	5 2	-5 9	315 5	317 6	0 6	25 5	4 0	67
18 7	63 6	6156 7	475 0	-17 5	-30 2	300 8	7 2	6 2	-3 7	316 3	318 5	0 6	32 0	4 3	75
20 1	66 9	6561 8	450.0	-20 2	-33 8	288 6	6 8	6 5	-2 2	317 8	319 5	0 5	28 4	4 8	79
21 8	70 1	6982 4	425.0	-23 3	-38 8	285 8	6 8	6 0	-3 0	319 2	320 2	0 3	22 3	5 3	82
23 3	73 5	7424 2	400 0	-25 8	-40 5	291 6	9 2	8 5	-3 4	321 5	322 5	0 3	23 5	6 0	86
24 7	77 0	7889 1	375 0	-28 8	-43 8	300 8	11 7	10 1	-6 0	323 8	324 [illegible]	0 2	21 8	6 8	90
26 4	80.6	8379 4	350 0	-32 9	-46 0	309 6	13 5	10 5	-8 7	324 5	325	0 2	25 3	7 9	96
28 2	84 3	8896 4	325 0	-37 0	-48 8	309 8	15 1	11 6	-9 7	325 6	326 2	0 1	27 9	9 2	101
30 1	88 2	9445 0	300.0	-41 2	99 9	309 9	15 9	12 2	-10 2	327 3	999 9	99 9	999 9	10 8	106
32 1	92 3	10029 8	275 0	-46.3	99 9	313 9	16 5	11 9	-11 5	328 2	999 9	99 9	999 9	12 6	110
34 4	96 6	10655 9	250.0	-51 3	99 9	321 1	18 2	11 4	-14 2	329 8	999 9	99 9	999 9	14 7	114
36 8	101 2	11332 9	225 0	-56 7	99 9	328 7	19 5	10 7	-16 3	331 6	999 9	99 9	999 9	17 1	119
39 5	106 0	12070 5	200 0	-62 0	99 9	322 7	21 7	13 2	-17 3	334 6	999 9	99 9	999 9	20 1	123
42 3	111 0	12869 9	175 0	-65 0	99 9	310 8	22 7	17 2	-14 8	342 7	999 9	99 9	999 9	23 8	125
45 5	116 7	13836 4	150.0	-61 0	99 9	302 4	20 9	17 7	-11 2	365 1	999 9	99 9	999 9	28 0	125
48 [illegible]	123 8	14977 4	125 0	-58 0	99 9	309 8	19 1	14 7	-12 2	360 0	999 9	99 9	999 9	32 8	125
54 [illegible]	[illegible] 0	16362 8	100 0	-57 8	99 9	315 1	13 8	9 7	-9 7	416 0	999 9	99 9	999 9	36 8	126
59 [illegible]	139 0	18193 2	75 0	-60 0	99 9	329 2	11 0	5 6	-9 4	447 1	999 9	99 9	999 9	40 9	127
67 5	147 8	20763 4	50 0	-55 4	99 9	349 0	5 2	1 0	-5 1	513 1	999 9	99 9	999 9	44 1	129
78 1	158 5	25219 6	25 0	-52 1	99 9	339 9	4 4	1 5	-4 1	635 2	999 9	99 9	999 9	45 0	133

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

STATION NO 562
NORTH PLATTE, NEBRASKA

2 MAY 1982
200 GMT

147 8 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	847.0	920.8	14.9	3.4	150.0	4.1	-2.1	3.8	294.9	309.5	5.3	46.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	16.8	1040.7	900.0	14.5	6.6	999.9	99.9	99.9	99.9	296.5	314.9	6.8	59.0	999.9	999
1.5	19.3	1278.2	875.0	12.5	6.3	999.9	99.9	99.9	99.9	296.8	315.4	6.9	65.8	999.9	999
2.3	21.7	1521.0	850.0	10.4	6.2	176.2	10.6	-0.7	10.6	297.1	316.1	7.0	74.8	1.5	359
3.2	24.3	1766.9	825.0	8.2	5.5	172.1	9.9	-1.4	9.8	297.3	316.0	6.9	83.1	2.0	358
4.1	26.8	2022.6	800.0	6.3	4.2	177.4	8.3	-0.4	8.3	297.8	315.6	6.5	86.6	2.5	356
5.0	29.3	2284.8	775.0	9.0	-3.1	201.2	5.9	2.1	5.5	303.5	314.8	3.9	42.5	2.9	358
5.9	31.9	2555.6	750.0	7.6	-3.8	218.0	5.0	3.1	4.0	304.8	316.0	3.8	44.2	3.1	1
6.9	34.6	2834.8	725.0	7.1	-7.3	278.9	2.2	2.1	-0.3	307.2	316.3	3.1	35.1	3.3	3
7.9	37.1	3122.6	700.0	5.5	-7.1	320.3	3.4	2.2	-2.6	308.6	318.1	3.2	39.7	3.1	5
9.1	39.9	3418.4	675.0	2.8	-8.6	314.2	4.5	3.2	-3.2	308.8	317.7	3.0	42.6	3.0	9
10.1	42.6	3722.6	650.0	-0.1	-10.5	304.7	4.9	4.0	-2.8	308.9	316.9	2.6	45.2	2.8	14
11.2	45.3	4035.2	625.0	-2.7	-13.1	299.0	5.0	4.4	-2.4	309.3	316.2	2.2	44.6	2.7	21
12.2	48.1	4357.3	600.0	-5.2	-16.6	298.1	5.7	5.1	-2.5	310.1	315.5	1.7	40.1	2.7	28
13.4	51.0	4690.6	575.0	-6.8	-19.9	299.5	6.7	5.9	-3.3	312.1	316.8	1.5	37.2	2.8	37
14.7	53.9	5035.5	550.0	-10.1	-21.1	298.5	6.8	6.0	-3.3	312.1	316.2	1.3	40.2	2.9	47
15.9	56.9	5392.4	525.0	-12.7	-24.3	299.6	5.8	5.1	-2.9	313.2	316.4	1.0	37.0	3.1	55
17.2	60.0	5762.8	500.0	-15.8	-27.1	305.6	4.4	3.6	-2.6	314.0	316.7	0.8	36.5	3.2	62
18.6	63.1	6147.9	475.0	-18.3	-30.8	299.0	5.6	4.9	-2.7	315.3	317.4	0.6	32.5	3.4	67
20.0	66.3	6551.8	450.0	-19.0	-34.7	299.2	10.1	8.8	-4.9	319.4	321.0	0.4	23.2	3.9	75
21.5	69.5	6974.1	425.0	-22.9	-37.6	306.3	12.7	10.2	-7.5	319.7	320.9	0.3	24.5	4.6	84
23.0	72.9	7415.2	400.0	-26.7	-37.4	308.4	14.5	11.3	-9.0	320.3	321.6	0.4	35.3	5.5	93
24.7	76.3	7878.5	375.0	-29.2	-42.2	298.1	15.3	13.5	-7.2	323.0	323.8	0.2	26.9	6.9	99
26.5	79.9	8367.5	350.0	-33.2	-45.4	301.6	15.9	13.5	-8.3	323.9	324.6	0.2	28.1	8.6	103
28.5	83.6	8883.5	325.0	-37.7	-48.9	307.0	16.2	13.0	-9.8	324.7	325.2	0.1	29.4	10.4	107
30.7	87.4	9429.6	300.0	-42.6	99.9	315.8	17.1	11.9	-12.2	325.4	999.9	99.9	999.9	12.4	111
33.2	91.4	10011.3	275.0	-47.2	99.9	319.5	17.6	11.6	-13.6	326.8	999.9	99.9	999.9	14.8	116
35.7	95.7	10634.9	250.0	-52.2	99.9	325.4	17.3	9.9	-14.3	328.5	999.9	99.9	999.9	17.2	120
38.3	100.2	11308.2	225.0	-57.6	99.9	326.7	19.1	10.5	-16.0	330.2	999.9	99.9	999.9	19.7	123
41.0	104.8	12042.7	200.0	-62.7	99.9	320.9	20.6	13.0	-16.0	333.5	999.9	99.9	999.9	22.7	126
44.0	110.0	12854.7	175.0	-67.5	99.9	311.8	22.5	16.6	-15.0	338.6	999.9	99.9	999.9	26.6	128
47.3	115.4	13799.2	150.0	-61.8	99.9	305.2	20.7	16.9	-11.9	363.6	999.9	99.9	999.9	31.0	128
51.5	121.7	14933.7	125.0	-59.7	99.9	321.0	16.2	10.2	-12.6	386.9	999.9	99.9	999.9	35.6	128
56.3	128.5	16328.8	100.0	-61.0	99.9	318.1	12.2	8.2	-9.1	410.0	999.9	99.9	999.9	39.3	129
62.3	136.0	18109.7	75.0	-61.3	99.9	338.2	11.5	4.3	-10.7	444.3	999.9	99.9	999.9	43.6	131
70.6	144.7	20657.2	50.0	-56.9	99.9	2.6	5.8	-0.3	-5.8	509.6	999.9	99.9	999.9	46.7	134
83.7	154.0	25066.2	25.0	-53.6	99.9	323.8	4.7	2.4	-4.1	630.5	999.9	99.9	999.9	46.5	138

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ORIGINAL PAGE IS
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STATION NO 562
NORTH PLATTE, NEBRASKA

2 MAY 1982
500 GMT

154 7 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	MY RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	847.0	921.4	10.7	7.4	160.0	3.6	-1.2	[illegible]	290.6	309.1	7.0	80.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	17.3	1044.0	900.0	12.1	8.4	182.6	10.9	0.5	10.9	294.0	314.4	7.7	78.0	0.4	340
1.5	19.9	1280.2	875.0	11.2	7.3	182.6	11.7	0.5	11.7	295.4	315.3	7.4	77.1	0.9	353
2.3	22.5	1521.8	850.0	8.8	7.1	182.9	11.8	0.6	11.8	295.4	315.5	7.5	88.9	1.5	357
3.2	25.2	1768.6	825.0	6.5	6.0	182.3	11.6	0.5	11.6	295.4	314.6	7.1	96.7	2.1	359
4.1	27.9	2022.9	800.0	11.0	-7.2	196.3	8.7	2.4	8.3	302.9	311.1	2.8	27.1	2.6	360
4.9	30.6	2287.1	775.0	9.2	-1.6	189.3	5.6	0.9	5.5	303.8	316.5	4.4	46.9	3.0	2
5.9	33.3	2558.3	750.0	8.3	-8.4	221.4	4.7	3.1	3.5	305.5	313.6	2.7	30.0	3.3	4
6.8	36.1	2838.0	725.0	7.5	-8.1	228.0	1.5	1.2	1.0	307.7	316.3	2.9	31.8	3.4	6
7.9	38.9	3125.8	700.0	5.3	-10.4	281.4	2.7	2.6	-0.5	308.4	315.9	2.5	31.1	3.4	7
8.9	41.8	3421.5	675.0	2.7	-11.2	295.4	3.9	3.5	-1.7	308.6	315.9	2.4	35.1	3.3	11
10.0	44.6	3725.1	650.0	-0.3	-11.0	299.0	5.2	4.5	-2.5	308.7	316.3	2.5	43.9	3.3	16
11.0	47.6	4037.4	625.0	-3.0	-14.7	312.6	5.6	4.1	-3.8	309.1	315.2	2.0	40.[illegible]	3.2	22
12.2	50.6	4359.3	600.0	-5.3	-21.7	323.9	5.4	3.2	-4.4	309.9	313.5	1.1	26.4	3.0	28
13.4	53.6	4692.1	575.0	-7.2	-26.1	297.5	4.3	3.8	-2.0	311.5	314.1	0.8	20.3	2.9	35
14.6	56.6	5036.9	550.0	-9.5	-28.3	273.1	4.7	4.7	-0.2	312.8	315.1	0.7	19.7	3.1	40
15.9	59.9	5394.4	525.[illegible]	-12.2	-31.0	294.6	4.7	4.3	-1.9	313.7	315.6	0.5	19.1	3.2	45
17.1	63.1	5765.7	500.0	-14.9	-33.4	316.6	6.2	4.3	-4.5	314.9	316.4	0.5	18.3	3.3	52
18.5	66.4	6153.0	475.0	-16.3	-35.8	323.6	9.7	5.7	-7.8	317.8	319.1	0.4	16.3	3.3	63
19.9	69.8	6557.5	450.0	-19.2	-37.9	313.9	10.8	7.7	-7.5	319.1	320.3	0.3	17.1	3.7	77
21.4	73.3	6979.5	425.0	-23.0	-39.2	312.9	11.1	8.2	-7.6	319.6	320.6	0.3	21.0	4.3	88
22.9	76.9	7420.8	400.0	-26.7	-36.2	312.4	13.1	9.6	-8.8	320.3	321.8	0.4	39.8	5.1	90
24.8	80.5	7883.7	375.0	-29.5	-42.6	311.5	13.6	10.2	-9.0	322.6	323.4	0.2	27.0	6.4	104
26.6	84.3	8373.1	350.0	-32.9	-48.3	314.6	13.8	9.8	-9.7	324.4	324.9	0.1	19.6	7.8	109
28.8	88.2	8889.6	325.0	-37.6	-51.9	318.1	14.2	9.5	-10.6	324.9	325.3	0.1	20.4	9.4	115
31.0	92.3	9437.4	300.0	-41.9	99.9	315.8	15.5	10.8	-11.1	326.4	999.9	99.9	999.9	11.3	118
33.3	96.5	10020.8	275.0	-46.9	99.9	315.1	16.0	11.3	-11.3	327.3	999.9	99.9	999.9	13.3	121
35.8	101.0	10644.4	250.0	-52.2	99.9	313.7	16.5	11.9	-11.4	328.4	999.9	99.9	999.9	15.7	123
38.5	105.8	11318.6	225.0	-57.6	99.9	313.8	18.7	12.0	-11.5	330.2	999.9	99.9	999.9	18.3	125
41.4	110.8	12052.3	200.0	-63.0	99.9	314.8	17.4	12.3	-12.2	333.0	999.9	99.9	999.9	21.2	126
44.3	116.2	12886.4	175.0	-66.0	99.9	310.0	20.6	15.8	-13.2	341.1	999.9	99.9	999.9	24.6	127
47.6	122.0	13809.0	150.0	-62.0	99.9	313.0	18.3	13.4	-12.5	363.3	999.9	99.9	999.9	28.7	127
51.8	128.5	14942.6	125.0	-61.1	99.9	316.3	14.1	9.8	-10.2	384.4	999.9	99.9	999.9	32.7	128
57.0	135.7	16325.7	100.0	-61.4	99.9	317.9	13.1	8.8	-9.7	409.1	999.9	99.9	999.9	36.5	129
63.4	143.7	18110.6	75.0	-60.0	99.9	341.0	11.3	3.7	-10.7	447.3	999.9	99.9	999.9	41.4	131
71.8	152.3	20656.9	50.0	-58.0	99.9	4.0	5.6	-0.4	-5.6	506.9	999.9	99.9	999.9	44.4	134
85.[illegible]	161.7	25067.1	25.0	-55.9	99.9	62.1	5.3	-4.7	-2.5	624.3	999.9	99.9	999.9	43.4	138

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STATION NO 562
NORTH PLATTE, NEBRASKA

2 MAY 1982
1110 GMT

152 10 1

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

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIXRTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	847.0	920.4	9.9	9.3	105.0	2.1	-2.0	0.5	289.6	310.8	8.0	98.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	95.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	16.8	1034.1	900.0	10.0	9.5	217.8	8.1	5.0	6.4	291.9	313.8	8.4	96.7	0.4	334
1.6	19.3	1268.6	875.0	9.3	8.8	192.3	11.5	2.4	11.2	293.4	315.1	8.2	96.7	0.8	358
2.5	21.8	1509.4	850.0	8.7	8.2	186.6	10.7	1.2	10.6	295.3	316.9	8.1	96.4	1.5	3
3.5	24.4	1756.3	825.0	7.0	4.9	187.1	8.1	1.0	8.1	296.0	314.1	6.7	87.0	2.0	4
4.4	27.0	2011.3	800.0	11.3	-3.4	192.4	5.9	1.3	5.7	303.2	314.0	3.7	35.7	2.4	5
5.3	29.6	2276.1	775.0	11.1	-12.1	233.7	3.4	2.7	2.0	305.7	311.7	1.9	18.3	2.6	6
6.5	32.2	2549.1	750.0	10.0	-10.7	283.3	3.0	2.9	-0.7	307.4	314.2	2.3	22.0	2.7	10
7.6	34.9	2829.5	725.0	7.7	-11.1	298.9	4.0	3.5	-1.9	307.9	314.7	2.3	24.9	2.6	15
8.7	37.6	3117.2	700.0	5.1	-10.9	305.7	4.6	3.7	-2.7	308.1	315.3	2.4	30.2	2.8	21
9.8	40.3	3412.4	675.0	2.2	-11.7	332.3	3.8	1.8	-3.4	308.2	315.2	2.3	34.7	2.5	27
10.9	43.1	3715.7	650.0	-0.6	-12.0	346.9	5.3	1.2	-5.1	308.3	315.4	2.3	41.8	2.3	32
12.2	45.9	4027.6	625.0	-3.1	-18.8	340.8	8.1	2.7	-7.6	308.9	313.3	1.4	28.7	2.0	42
13.3	48.8	4349.6	600.0	-5.4	-20.7	342.3	8.1	2.4	-7.7	309.9	313.7	1.2	28.6	1.8	60
14.5	51.7	4682.5	575.0	-7.3	-28.9	340.1	5.8	2.0	-5.4	311.4	313.5	0.6	15.8	1.7	77
16.0	54.6	5027.6	550.0	-8.9	-30.1	326.5	4.2	2.3	-3.5	313.6	315.5	0.6	15.9	1.9	89
17.3	57.6	5385.8	525.0	-11.9	-32.3	333.0	3.0	1.4	-2.7	314.2	315.8	0.5	16.3	2.0	96
19.0	60.8	5758.2	500.0	-13.5	-33.8	345.8	3.5	0.9	-3.4	316.6	318.1	0.4	16.1	2.2	103
20.5	63.9	6146.1	475.0	-16.6	-35.7	336.5	4.5	1.8	-4.1	317.5	318.8	0.4	17.1	2.4	111
22.1	67.1	6550.3	450.0	-19.6	-38.0	308.7	5.2	4.1	-3.3	318.7	319.8	0.3	17.5	2.8	116
24.0	70.4	6971.8	425.0	-23.2	-40.3	305.1	5.2	4.2	-3.0	319.3	320.2	0.3	18.9	3.3	117
25.9	73.9	7413.4	400.0	-26.0	-43.6	307.7	5.8	4.6	-3.8	321.2	321.9	0.2	17.2	4.0	119
27.9	77.3	7877.5	375.0	-29.7	-46.3	304.4	7.1	5.8	-4.0	322.3	322.9	0.2	18.0	4.7	120
29.9	80.9	8365.5	350.0	-33.7	-48.2	300.1	8.1	7.0	-4.1	323.4	323.9	0.1	21.3	5.6	120
32.1	84.7	8880.9	325.0	-37.6	-49.5	298.2	11.3	9.9	-5.3	324.8	325.3	0.1	27.1	6.8	120
34.2	88.5	9427.9	300.0	-42.1	99.9	298.9	14.9	13.0	-7.2	326.0	999.9	99.9	999.9	8.5	120
36.7	92.7	10010.0	275.0	-47.1	99.9	297.6	15.4	13.7	-7.2	327.0	999.9	99.9	999.9	10.8	120
39.4	96.8	10633.9	250.0	-52.2	99.9	298.1	15.2	13.4	-7.2	328.5	999.9	99.9	999.9	13.3	119
42.1	101.4	11307.1	225.0	-57.7	99.9	297.5	15.4	13.6	-7.1	330.1	999.9	99.9	999.9	15.8	119
45.2	106.2	12042.9	200.0	-61.4	99.9	299.4	15.5	13.5	-7.6	335.5	999.9	99.9	999.9	18.7	119
48.7	111.5	12864.6	175.0	-64.2	99.9	303.8	15.9	13.2	-8.8	344.0	999.9	99.9	999.9	21.9	119
52.5	117.2	13812.3	150.0	-61.6	99.9	310.0	15.4	11.8	-9.9	364.0	999.9	99.9	999.9	25.3	120
56.9	123.5	14944.6	125.0	-60.6	99.9	312.4	16.2	12.0	-10.9	385.2	999.9	99.9	999.9	29.5	122
62.3	130.7	16336.6	100.0	-60.4	99.9	319.7	14.6	9.4	-11.1	411.0	999.9	99.9	999.9	34.6	124
69.0	139.0	18132.5	75.0	-60.6	99.9	340.5	10.2	3.4	-9.6	446.0	999.9	99.9	999.9	39.1	126
77.8	148.5	20678.7	50.0	-56.7	99.9	16.1	5.9	-1.6	-5.7	509.8	999.9	99.9	999.9	41.8	131
91.0	159.0	25113.2	25.0	-51.8	99.9	55.0	4.3	-3.6	-2.3	635.9	999.9	99.9	999.9	42.0	136

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

APPENDIX II

AVE/VAS V Sounding Data

with Abnormal Characteristics

Presented at 25-mb Intervals

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
2002 GMT

157 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	449.9	967.8	19.6	1.9	0.0	0.0	0.0	0.0	295.5	322.7	10.3	69.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.7	11.8	607.9	950.0	16.1*	99.9	105.3	2.3	-2.2	0.6	293.6	999.9	99.9	999.9	0.1	297
1.6	14.1	833.3	925.0	13.8	12.7	335.2	1.7	0.7	-1.6	293.4	319.7	10.1	93.3	0.2	287
2.5	16.6	1064.1	900.0	11.7	10.9	283.1	1.0	1.0	-0.2	293.6	317.7	9.2	94.5	0.2	273
3.6	19.0	1299.6	875.0	10.1	9.3	142.6	2.5	-1.5	2.0	294.2	316.7	8.5	95.3	0.3	289
4.6	21.5	1541.1	850.0	9.6	8.2	132.0	5.0	-3.7	3.3	296.2	317.9	8.1	90.8	0.5	301
5.8	23.9	1788.8	825.0	8.0	7.1	152.4	5.1	-2.4	4.5	297.0	317.8	7.7	93.9	0.9	308
6.8	26.4	2042.6	800.0	6.2	5.4	143.5	4.6	-2.8	3.7	297.8	317.0	7.1	94.3	1.1	315
7.7	29.0	2302.5	775.0	4.9	3.9	136.4	3.4	-2.4	2.5	299.1	317.1	6.6	93.1	1.4	315
8.8	31.6	2570.3	750.0	4.1	1.5	129.6	3.5	-2.7	2.2	301.0	317.0	5.7	83.2	1.5	315
9.9	34.2	2845.6	725.0	2.3	0.4	128.3	3.6	-2.8	2.2	302.0	317.2	5.4	87.0	1.8	314
11.0	36.9	3128.8	700.0	0.5	-0.8	142.9	3.4	-2.1	2.7	303.1	317.7	5.2	90.5	2.0	314
12.1	39.4	3420.6	675.0	-0.7	-4.2	112.2	1.8	-1.6	0.7	304.9	317.0	4.2	77.1	2.2	315
13.3	42.3	3721.7	650.0	-2.1	-6.4	43.9	1.3	-0.9	-0.9	306.7	317.4	3.7	72.3	2.2	313
14.4	45.0	4033.8	625.0	-2.4	-8.7	259.4	3.1	3.0	0.6	309.7	319.2	3.2	61.8	2.2	317
15.7	47.9	4356.9	600.0	-4.6	-12.2	313.2	3.0	2.2	-2.1	310.8	318.4	2.5	55.6	2.0	321
16.8	50.8	4691.1	575.0	-6.5	-17.8	346.8	3.7	0.8	-3.6	312.4	317.6	1.6	39.8	1.8	318
18.1	53.6	5037.5	550.0	-8.5	-14.5	341.2	3.5	1.1	-3.3	314.1	321.1	2.3	61.8	1.5	313
19.4	56.6	5396.7	525.0	-11.0	-17.8	341.8	2.9	0.9	-2.7	315.2	320.9	1.8	57.4	1.3	309
20.8	59.6	5770.5	500.0	-12.9	-22.4	999.9	99.9	99.9	99.9	317.4	321.5	1.3	44.5	1.0	301
22.4	62.8	6160.0	475.0	-15.2	-28.7	999.9	99.9	99.9	99.9	319.1	321.7	0.7	30.4	999.9	999
23.9	66.0	6565.7	450.0	-18.5*	99.9	999.9	99.9	99.9	99.9	320.0	999.9	99.9	999.9	999.9	999
25.5	69.3	6989.5	425.0	-21.7*	99.9	999.9	99.9	99.9	99.9	321.1	999.9	99.9	999.9	999.9	999
27.2	72.8	7432.8	400.0	-25.5	-41.2	999.9	99.9	99.9	99.9	321.9	322.8	0.3	21.3	999.9	999
28.8	76.3	7897.4	375.0	-29.4	-44.6	999.9	99.9	99.9	99.9	322.7	323.4	0.2	21.0	999.9	999
30.6	80.0	8385.9	350.0	-33.4	-45.6	999.9	99.9	99.9	99.9	323.7	324.4	0.2	28.1	999.9	999
32.4	83.7	8901.6	325.0	-37.9	-50.2	999.9	99.9	99.9	99.9	324.5	324.9	0.1	25.7	999.9	999
34.2	87.7	9447.4	300.0	-42.8	99.9	999.9	99.9	99.9	99.9	325.0	999.9	99.9	999.9	2.7	135
36.3	91.8	10029.1	275.0	-47.4	99.9	289.8	14.0	13.2	-4.7	326.6	999.9	99.9	999.9	4.0	126
38.4	96.2	10652.0	250.0	-52.8	99.9	286.0	14.8	14.2	-4.1	327.5	999.9	99.9	999.9	5.9	120
40.7	100.8	11326.1	225.0	-56.2	99.9	282.1	14.7	14.4	-3.1	332.4	999.9	99.9	999.9	7.8	116
43.1	105.8	12065.2	200.0	-61.6	99.9	290.8	17.1	16.0	-6.1	335.2	999.9	99.9	999.9	10.1	113
45.8	111.2	12889.5	175.0	-64.0	99.9	297.4	14.4	12.8	-6.6	344.3	999.9	99.9	999.9	12.5	115
48.9	117.0	13842.5	150.0	-61.2	99.9	294.2	17.3	15.7	-7.1	364.7	999.9	99.9	999.9	15.5	115
52.4	123.5	14975.1	125.0	-62.4	99.9	283.0	18.2	17.8	-4.1	382.1	999.9	99.9	999.9	18.9	113
56.8	130.7	16350.5	100.0	-63.1	99.9	300.8	13.9	12.0	-7.2	405.8	999.9	99.9	999.9	23.1	113
62.6	139.5	18122.2	75.0	-63.1	99.9	293.7	7.4	6.8	-3.0	440.6	999.9	99.9	999.9	26.5	113
70.1	149.3	20842.7	50.0	-59.3	99.9	279.9	4.4	4.3	-0.8	503.9	999.9	99.9	999.9	28.1	114
82.2	160.0	25063.7	25.0	-52.5	99.9	999.9	99.9	99.9	99.9	633.8	999.9	99.9	999.9	27.0	117

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

1 MAY 1982
2000 GMT

154 16 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	193.2	999.7	21.8	17.2	360.0	0.0	0.0	0.0	295.0	327.5	12.5	75.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	9.3	407.9	975.0	16.3	14.1	999.9	99.9	99.9	99.9	291.6	318.7	10.5	87.0	999.9	999
1.6	11.7	628.7	950.0	14.5	12.7	999.9	99.9	99.9	99.9	291.9	317.4	9.8	89.4	999.9	999
2.7	14.2	854.3	925.0	13.3	12.1	99.8	0.6	-0.6	0.1	292.9	318.2	9.7	92.4	0.0	298
3.6	16.7	1084.6	900.0	11.4	10.5	90.8	0.4	-0.4	0.0	293.3	316.8	8.9	94.3	0.1	290
4.7	19.3	1320.0	875.0	9.9	8.5	99.6	1.1	-1.1	0.2	294.1	315.4	8.0	91.1	0.1	284
5.7	21.8	1560.9	850.0	9.0	5.6	111.6	1.7	-1.5	0.6	295.6	313.8	6.7	79.1	0.2	284
6.9	24.4	1808.3	825.0	7.9	3.2	178.6	0.7	-0.0	0.7	296.9	313.0	5.9	72.4	0.3	289
7.8	27.0	2061.2	800.0	5.4	1.6	999.9	99.9	99.9	99.9	296.9	311.7	5.4	76.5	0.3	293
8.9	29.7	2320.6	775.0	4.2	-0.9	999.9	99.9	99.9	99.9	298.4	311.3	4.6	68.9	999.9	999
9.9	32.3	2586.9	750.0	2.4	-2.2	999.9	99.9	99.9	99.9	299.2	311.5	4.4	71.9	999.9	999
10.9	35.1	2860.1	725.0	0.6	99.9	999.9	99.9	99.9	99.9	300.2	999.9	99.9	999.9	999.9	999
12.2	37.8	3140.7	700.0	-1.1	99.9	999.9	99.9	99.9	99.9	301.3	999.9	99.9	999.9	999.9	999
13.4	40.7	3429.9	675.0	-2.5	99.9	999.9	99.9	99.9	99.9	302.8	999.9	99.9	999.9	999.9	999
14.6	43.5	3729.6	650.0	-2.9	-3.4	999.9	99.9	99.9	99.9	305.7	318.9	4.6	96.0	999.9	999
15.8	46.4	4039.8	625.0	-4.8	-5.3	999.9	99.9	99.9	99.9	307.0	319.1	4.1	96.1	2.8	49
17.1	49.4	4360.3	600.0	-6.7	-6.8	291.1	3.0	2.8	-1.1	308.4	319.7	3.8	99.2	3.0	52
18.5	52.4	4692.0	575.0	-8.8	-9.5	303.3	3.3	2.8	-1.8	309.7	319.4	3.2	94.0	3.1	57
20.0	55.5	5035.1	550.0	-11.3	-11.8	285.0	3.3	3.2	-0.9	310.7	319.2	2.8	96.6	3.2	62
21.5	58.6	5390.9	525.0	-13.5	-13.5	263.0	4.3	4.3	0.5	312.2	320.0	2.6	100.3	3.5	64
22.9	61.9	5760.8	500.0	-15.7	-17.4	257.8	5.0	4.9	1.1	313.9	320.0	1.9	86.3	3.9	66
24.6	65.3	6146.1	475.0	-18.1	-22.6	268.1	5.4	5.4	0.2	315.6	319.8	1.3	67.3	4.4	67
26.3	68.6	6548.2	450.0	-21.0	-27.3	253.2	6.1	5.8	1.8	316.9	319.9	0.9	56.5	5.0	70
27.9	72.1	6968.0	425.0	-24.1	-30.7	245.9	5.5	5.0	2.3	318.1	320.4	0.7	53.9	5.6	69
29.7	75.7	7408.0	400.0	-27.0	-32.8	276.7	4.4	4.4	-0.5	320.0	322.0	0.6	57.3	6.0	70
31.3	79.3	7870.6	375.0	-30.1	-38.5	293.7	4.7	4.3	-1.9	321.8	323.1	0.4	43.0	6.4	72
33.1	83.2	8358.0	350.0	-33.9	-42.1	302.4	6.2	5.2	-3.3	323.0	324.0	0.3	43.1	6.8	75
34.9	87.2	8872.1	325.0	-38.7	-46.4	305.9	6.8	5.5	-4.0	323.3	324.0	0.2	43.8	7.3	80
36.7	91.3	9416.5	300.0	-43.4	99.9	307.6	7.5	6.0	-4.6	324.2	999.9	99.9	999.9	7.8	84
38.6	95.5	9995.3	275.0	-48.5	99.9	305.2	9.0	7.3	-5.2	325.0	999.9	99.9	999.9	8.5	88
40.8	100.0	10614.9	250.0	-53.5	99.9	294.1	12.0	11.0	-4.9	326.6	999.9	99.9	999.9	9.7	93
43.1	104.8	11284.2	225.0	-59.1	99.9	290.1	15.2	14.3	-5.2	328.0	999.9	99.9	999.9	11.5	95
45.5	109.8	12013.7	200.0	-63.6	99.9	301.9	16.7	14.2	-8.8	332.1	999.9	99.9	999.9	13.7	99
48.2	115.0	12830.2	175.0	-64.6	99.9	297.8	14.2	12.5	-6.6	343.4	999.9	99.9	999.9	15.9	103
51.1	120.7	13776.6	150.0	-63.2	99.9	293.5	17.3	15.8	-6.9	361.3	999.9	99.9	999.9	18.7	104
54.4	126.7	14897.3	125.0	-63.2	99.9	285.9	16.3	15.7	-4.5	380.6	999.9	99.9	999.9	22.0	105
58.6	133.3	16262.7	100.0	-64.6	99.9	285.9	13.6	13.1	-3.7	402.9	999.9	99.9	999.9	26.0	105
63.7	140.3	18012.6	75.0	-65.1	99.9	284.5	9.3	9.0	-2.3	436.5	999.9	99.9	999.9	29.2	105
71.0	148.0	20504.5	50.0	-62.3	99.9	358.4	4.4	0.1	-4.4	496.6	999.9	99.9	999.9	31.2	105
82.5	156.0	24881.3	25.0	-54.2	99.9	45.0	2.0	-1.4	-1.4	628.7	999.9	99.9	999.9	31.2	109

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS

1 MAY 1982
1411 GMT

149 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	184.1	998.3	17.8	16.7	50.0	2.7	-2.1	-1.7	291.1	322.1	12.1	93.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	8.7	385.9	975.0	15.6	14.8	34.0	5.8	-3.3	-4.8	290.8	319.0	11.0	95.2	0.2	207
1.5	10.8	606.6	950.0	15.0	14.2	89.9	4.1	-4.1	-0.0	292.4	320.4	10.8	95.2	0.4	216
2.5	13.2	832.1	925.0	14.2	6.1	146.5	5.6	-3.1	4.6	293.9	311.1	6.4	58.1	0.4	251
3.5	15.5	1064.2	900.0	14.0	11.7	146.0	7.0	-3.9	5.8	296.0	321.7	9.7	86.2	0.7	292
4.5	17.8	1301.8	875.0	12.1	11.3	139.9	6.2	-4.0	4.8	296.3	322.0	9.7	94.9	1.0	303
5.6	20.2	1544.7	850.0	10.8	10.1	138.1	6.4	-4.3	4.8	297.4	322.0	9.2	95.4	1.4	307
6.6	22.5	1793.7	825.0	9.1	8.3	151.2	6.9	-3.3	6.1	298.2	320.9	8.4	95.1	1.8	311
7.4	24.9	2048.5	800.0	7.6	6.9	156.6	7.6	-3.0	7.0	299.3	320.6	7.8	95.1	2.1	315
8.2	27.4	2309.3	775.0	4.6	3.4	167.9	7.9	-1.7	7.7	298.8	316.2	6.3	91.5	2.5	318
9.3	29.9	2575.5	750.0	1.5	-4.6	188.4	8.4	1.2	8.3	298.2	308.5	3.6	63.6	2.9	325
10.3	32.4	2848.8	725.0	0.9	-5.4	196.4	9.3	2.6	8.9	300.5	310.6	3.5	62.4	3.3	333
11.4	34.9	3129.9	700.0	-1.1	-7.8	196.6	9.9	2.8	9.5	301.2	310.1	3.0	60.5	3.7	340
12.6	37.4	3419.4	675.0	-2.5	-5.1	201.1	9.2	3.3	8.6	302.9	314.2	3.9	82.9	4.3	345
13.5	40.1	3718.9	650.0	-3.3	-3.8	226.2	6.4	4.6	4.4	305.2	318.1	4.5	96.4	4.7	349
14.7	42.8	4028.8	625.0	-5.0	-6.0	266.8	4.3	4.3	0.2	306.8	318.2	3.9	92.7	4.8	353
16.2	45.6	4349.1	600.0	-6.9	-7.9	284.4	4.5	4.3	-1.1	308.1	318.5	3.5	92.7	4.6	358
17.6	48.3	4680.6	575.0	-8.4	-9.1	290.9	4.8	4.5	-1.7	310.1	320.1	3.3	94.8	4.5	2
18.8	51.1	5024.8	550.0	-10.1	-12.5	307.8	4.3	3.4	-2.6	312.1	320.2	2.7	82.3	4.4	7
20.3	54.0	5381.9	525.0	-12.6	-16.6	2.1	2.2	-0.1	-2.2	313.3	319.5	2.0	71.9	4.2	9
21.8	56.9	5753.1	500.0	-14.7	-18.1	41.3	3.8	-2.5	-2.9	315.1	320.9	1.8	75.2	4.0	7
23.6	60.0	6139.2	475.0	-18.0	-26.3	33.9	3.0	-1.7	-2.5	315.7	318.8	0.9	47.7	3.7	4
25.1	63.0	6541.4	450.0	-20.3	-32.0	349.9	2.4	0.4	-2.3	317.8	319.7	0.6	34.0	3.5	3
26.8	66.3	6962.5	425.0	-23.5	-34.2	347.1	2.0	0.5	-2.0	318.9	320.6	0.5	36.5	3.2	6
28.7	69.6	7403.1	400.0	-26.7	-33.7	173.8	2.3	-0.3	2.3	320.3	322.2	0.5	51.2	3.2	5
30.7	72.9	7865.6	375.0	-30.4	-36.6	97.8	4.3	-4.3	0.6	321.4	322.9	0.4	54.3	3.3	357
32.8	76.4	8352.3	350.0	-34.2	-42.9	87.2	3.1	-3.1	-0.2	322.6	323.5	0.2	40.7	3.4	349
34.9	80.1	8866.4	325.0	-38.4	-48.1	4.0	3.3	-0.2	-3.3	323.8	324.4	0.1	34.6	3.3	345
36.9	84.0	9411.6	300.0	-43.1	99.9	999.9	99.9	99.9	99.9	324.6	999.9	99.9	999.9	999.9	999
39.1	88.0	9991.7	275.0	-48.0	99.9	999.9	99.9	99.9	99.9	325.7	999.9	99.9	999.9	999.9	999
41.7	92.3	10613.6	250.0	-52.9*	99.9	999.9	99.9	99.9	99.9	327.4	999.9	99.9	999.9	999.9	999
44.3	96.8	11284.9	225.0	-58.2	99.9	9.5	15.2	-2.5	-14.9	329.3	999.9	99.9	999.9	2.0	241
47.0	101.6	12027.2	200.0	-57.6	99.9	325.5	16.2	9.2	-13.4	341.6	999.9	99.9	999.9	3.3	204
50.2	106.8	12864.1	175.0	-59.5	99.9	309.4	15.6	12.1	-9.9	351.7	999.9	99.9	999.9	5.7	168
53.5	112.2	13829.1	150.0	-60.2	99.9	292.3	17.5	16.2	-6.6	366.3	999.9	99.9	999.9	7.9	152
57.6	118.5	14966.3	125.0	-62.1	99.9	279.9	15.1	14.9	-2.6	382.5	999.9	99.9	999.9	11.1	137
62.4	125.2	16336.7	100.0	-63.7	99.9	287.2	14.0	13.4	-4.2	404.7	999.9	99.9	999.9	15.0	128
68.6	132.7	18097.6	75.0	-63.7	99.9	293.0	8.6	7.9	-3.4	439.4	999.9	99.9	999.9	19.0	124
76.9	140.7	20614.2	50.0	-59.0	99.9	287.0	2.1	2.0	-0.6	504.6	999.9	99.9	999.9	20.1	124
90.4	149.7	25026.4	25.0	-51.1	99.9	999.9	99.9	99.9	99.9	638.1	999.9	99.9	999.9	20.5	127

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 1
CROWELL, TEXAS

1 MAY 1982
2300 GMT

130 77 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	449.9	983.8	19.6	13.8	0.0	0.0	0.0	0.0	295.7	322.9	10.3	69.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.8	11.3	591.3	950.0	17.8	12.2	115.5	2.6	-2.3	1.1	295.3	320.2	9.4	69.6	0.1	294
1.5	13.7	819.1	925.0	15.8	11.8	127.4	1.7	-1.4	1.1	295.5	320.6	9.5	77.1	0.2	297
2.1	16.1	1051.4	900.0	13.7	11.4	150.6	1.6	-0.8	1.4	295.6	320.7	9.4	85.8	0.2	300
2.9	18.5	1288.6	875.0	11.5	9.9	171.8	3.3	-0.5	3.3	295.8	319.3	8.8	89.8	0.3	312
3.8	21.0	1530.7	850.0	10.0	8.7	187.1	4.1	0.5	4.0	296.6	319.0	8.3	91.5	0.5	329
4.3	23.5	1778.7	825.0	8.3	7.2	186.9	4.2	0.5	4.2	297.3	318.4	7.8	93.3	0.6	340
5.0	26.0	2032.7	800.0	6.8	5.7	180.5	4.8	0.0	4.8	298.4	318.0	7.2	93.2	0.8	347
5.8	28.6	2293.6	775.0	5.2	4.2	175.3	4.3	-0.4	4.3	299.4	317.9	6.7	93.2	1.0	348
6.6	31.2	2561.3	750.0	3.8	2.8	174.7	3.7	-0.3	3.7	300.7	318.1	6.3	93.2	1.2	349
7.3	33.8	2836.4	725.0	2.3	1.2	183.6	1.9	0.1	1.9	301.9	318.1	5.8	92.4	1.3	350
8.2	36.4	3119.6	700.0	0.8	-3.4	188.5	1.6	0.2	1.6	303.4	315.6	4.3	73.4	1.4	351
9.1	39.0	3411.7	675.0	0.4	-6.1	120.4	0.9	-0.7	0.4	306.1	316.6	3.6	62.0	1.5	351
10.0	41.8	3713.9	650.0	-0.7	-8.8	359.8	0.8	0.0	-0.8	308.2	317.3	3.0	54.2	1.5	350
11.0	44.6	4027.1	625.0	-1.5	-13.8	358.6	1.4	0.0	-1.4	310.7	317.2	2.1	38.4	1.4	351
11.8	47.3	4351.1	600.0	-3.6	-18.3	29.1	1.5	-0.7	-1.3	311.9	316.7	1.5	30.8	1.3	349
12.9	50.2	4686.1	575.0	-5.4	-16.0	28.7	2.0	-1.0	-1.8	313.7	319.7	1.9	42.8	1.3	347
13.7	53.1	5033.9	550.0	-7.3	-21.0	17.2	2.8	-0.8	-2.7	315.4	319.6	1.3	32.5	1.2	342
14.7	56.1	5394.6	525.0	-9.8	-27.5	999.9	99.9	99.9	99.9	316.7	319.2	0.8	21.9	999.9	999
15.8	59.3	5769.7	500.0	-12.0	-35.6	999.9	99.9	99.9	99.9	318.4	319.7	0.4	11.8	999.9	999
16.8	62.4	6159.8	475.0	-14.8	-44.3	999.9	99.9	99.9	99.9	319.7	320.3	0.2	6.0	999.9	999
17.9	65.6	6567.3	450.0	-17.1	-46.0	999.9	99.9	99.9	99.9	321.7	322.2	0.1	6.1	999.9	999
19.0	68.9	6993.0	425.0	-20.7	-45.7	999.9	99.9	99.9	99.9	322.5	323.1	0.1	8.4	999.9	999
20.0	72.3	7437.8	400.0	-24.7*	99.9	999.9	99.9	99.9	99.9	322.9	999.9	99.9	999.9	999.9	999
21.0	75.9	7903.5	375.0	-28.7	99.9	999.9	99.9	99.9	99.9	323.6	999.9	99.9	999.9	999.9	999
22.4	79.4	8393.8	350.0	-32.7	-43.0	999.9	99.9	99.9	99.9	324.6	325.5	0.2	34.5	999.9	999
23.7	83.2	8910.8	325.0	-37.3	-47.2	999.9	99.9	99.9	99.9	325.2	325.8	0.2	34.5	999.9	999
25.0	87.2	9457.6	300.0	-42.4	99.9	999.9	99.9	99.9	99.9	325.6	999.9	99.9	999.9	999.9	999
26.4	91.3	10040.6	275.0	-46.6**	99.9	999.9	99.9	99.9	99.9	327.7	999.9	99.9	999.9	999.9	999
27.9	95.7	10666.6	250.0	-51.2**	99.9	999.9	99.9	99.9	99.9	329.9	999.9	99.9	999.9	999.9	999
29.7	100.3	11343.4	225.0	-56.7	99.9	999.9	99.9	99.9	99.9	331.7	999.9	99.9	999.9	999.9	999
31.6	105.3	12065.5	200.0	-59.7	99.9	157.4	7.1	-2.7	6.6	338.3	999.9	99.9	999.9	4.7	109
33.8	110.6	12913.5	175.0	-63.3*	99.9	287.1	11.0	10.6	-3.3	345.4	999.9	99.9	999.9	5.9	106
36.4	116.5	13863.1	150.0	-62.1	99.9	284.9	11.5	11.1	-2.9	363.2	999.9	99.9	999.9	7.8	106
39.8	123.0	14991.6	125.0	-60.6	99.9	287.4	9.2	8.8	-2.8	385.3	999.9	99.9	999.9	10.0	106
43.8	130.3	16367.0	100.0	-63.4	99.9	274.8	7.8	7.8	-0.7	405.2	999.9	99.9	999.9	12.1	108
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS

1 MAY 1982
2001 GMT

102 180 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	404.8	974.6	23.2	15.3	0.0	0.0	0.0	0.0	298.5	328.6	11.3	61.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.5	11.5	623.9	950.0	16.5	13.1	999.9	99.9	99.9	99.9	293.9	320.3	10.0	80.4	999.9	999
1.4	14.0	850.6	925.0	14.1	11.8	999.9	99.9	99.9	99.9	293.8	318.6	9.4	85.7	999.9	999
2.1	16.4	1082.0	900.0	12.6	11.0	999.9	99.9	99.9	99.9	294.5	318.9	9.2	90.0	999.9	999
3.0	18.8	1318.5	875.0	10.9	9.9	999.9	99.9	99.9	99.9	295.1	318.5	8.8	93.8	999.9	999
4.0	21.3	1560.5	850.0	9.8	8.5	999.9	99.9	99.9	99.9	296.4	318.6	8.3	92.0	999.9	999
4.9	23.8	1808.4	825.0	8.3	5.9	999.9	99.9	99.9	99.9	297.4	318.6	7.1	84.9	999.9	999
5.8	26.3	2061.9	800.0	7.1	99.9	999.9	99.9	99.9	99.9	298.7	999.9	99.9	999.9	999.9	999
7.0	28.9	2321.8	775.0	5.8*	99.9	999.9	99.9	99.9	99.9	300.1	999.9	99.9	999.9	999.9	999
8.0	31.5	2589.2	750.0	4.3	99.9	999.9	99.9	99.9	99.9	301.3	999.9	99.9	999.9	999.9	999
9.1	34.1	2864.0	725.0	3.0**	99.9	999.9	99.9	99.9	99.9	302.8	999.9	99.9	999.9	999.9	999
10.2	36.7	3147.3	700.0	1.8**	99.9	999.9	99.9	99.9	99.9	304.5	999.9	99.9	999.9	999.9	999
11.3	39.4	3439.6	675.0	0.8**	99.9	999.9	99.9	99.9	99.9	306.3	999.9	99.9	999.9	999.9	999
12.4	42.1	3741.3	650.0	-0.7**	99.9	999.9	99.9	99.9	99.9	308.2	999.9	99.9	999.9	999.9	999
13.6	44.9	4053.6	625.0	-2.0**	99.9	999.9	99.9	99.9	99.9	310.2	999.9	99.9	999.9	999.9	999
14.8	47.7	4377.3	600.0	-3.7	-10.7	999.9	99.9	99.9	99.9	311.9	320.4	2.8	58.0	999.9	999
16.1	50.5	4712.0	575.0	-5.3	99.9	999.9	99.9	99.9	99.9	312.6	999.9	99.9	999.9	999.9	999
17.4	53.4	5058.2	550.0	-8.3	-15.0	999.9	99.9	99.9	99.9	314.3	321.1	2.2	58.2	999.9	999
18.9	56.4	5418.2	525.0	-10.1	-18.9	999.9	99.9	99.9	99.9	316.3	322.4	1.9	57.4	999.9	999
20.4	59.5	5793.0	500.0	-12.7	-19.6	999.9	99.9	99.9	99.9	317.6	322.8	1.6	55.9	999.9	999
22.1	62.6	6182.7	475.0	-15.0	-24.8	999.9	99.9	99.9	99.9	319.4	323.0	1.1	42.8	999.9	999
24.0	65.9	6589.6	450.0	-17.9	-28.5	999.9	99.9	99.9	99.9	320.8	323.5	0.8	38.6	999.9	999
25.8	69.1	7015.2	425.0	-20.6	-32.3	999.9	99.9	99.9	99.9	322.5	324.6	0.6	34.1	999.9	999
28.1	72.6	7460.6	400.0	-24.2	-42.9	999.9	99.9	99.9	99.9	323.5	324.3	0.2	15.8	999.9	999
30.3	76.1	7927.3	375.0	-28.2	-46.8	999.9	99.9	99.9	99.9	324.3	324.9	0.1	14.8	999.9	999
32.9	79.8	8419.4	350.0	-31.6	-51.8	999.9	99.9	99.9	99.9	326.2	326.5	0.1	11.5	999.9	999
35.7	83.6	8939.5	325.0	-35.9	-54.8	999.9	99.9	99.9	99.9	327.3	327.5	0.1	12.4	999.9	999
38.8	87.5	9490.5	300.0	-40.5	99.9	284.3	8.8	8.5	-2.2	328.3	999.9	99.9	999.9	8.2	94
42.2	91.7	10076.8	275.0	-45.4	99.9	281.9	10.0	9.8	-2.1	329.5	999.9	99.9	999.9	10.1	95
46.3	96.2	10705.1	250.0	-50.8	99.9	280.7	13.2	13.0	-2.5	330.6	999.9	99.9	999.9	12.9	97
50.6	100.6	11382.7	225.0	-56.4	99.9	280.3	14.0	13.7	-2.5	332.1	999.9	99.9	999.9	16.4	97
57.0	105.8	12124.2	200.0	-60.0	99.9	287.1	19.3	18.5	-5.7	337.8	999.9	99.9	999.9	22.9	98
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS

1 MAY 1982
1100 GMT

161 12 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1000.8	18.8	16.6	60.0	2.6	-2.3	-1.3	291.1	321.6	11.9	87.0	0.0	0
0.1	6.8	162.5	1000.0	18.8**	99.9	999.9	99.9	99.9	99.9	292.0	999.9	99.9	999.9	999.9	999
0.7	9.1	378.9	975.0	13.7**	99.9	999.9	99.9	99.9	99.9	294.0	999.9	99.9	999.9	999.9	999
1.5	11.5	601.0	950.0	18.6**	99.9	999.9	99.9	99.9	99.9	296.1	999.9	99.9	999.9	999.9	999
2.6	13.8	829.2	925.0	17.7	8.8	999.9	99.9	99.9	99.9	297.4	318.3	7.7	56.2	999.9	999
3.4	16.1	1063.4	900.0	16.9	11.1	110.9	8.9	-8.4	3.2	298.9	323.9	9.3	68.8	1.5	289
4.3	18.5	1302.8	875.0	14.1	10.1	107.7	7.9	-7.6	2.4	298.4	322.4	8.9	77.1	2.0	289
5.3	20.9	1547.3	850.0	13.1	8.9	107.4	8.1	-7.7	2.4	299.9	322.8	8.5	75.6	2.4	288
6.1	23.3	1797.8	825.0	11.0	7.6	111.5	8.1	-7.6	3.0	300.2	321.9	8.0	79.4	2.8	288
7.0	25.8	2054.1	800.0	9.5	3.4	127.8	8.1	-8.4	5.0	301.3	318.4	6.2	65.8	3.3	289
8.0	28.2	2316.8	775.0	7.8	-1.4	143.2	8.3	-5.0	6.6	302.2	314.9	4.5	51.9	3.7	293
8.9	30.8	2586.4	750.0	5.6	-3.0	156.7	7.7	-3.0	7.1	302.7	314.4	4.1	54.0	4.1	297
9.9	33.3	2863.0	725.0	3.8	-4.7	163.7	7.8	-2.2	7.5	303.7	314.5	3.8	54.3	4.4	301
10.9	36.0	3147.0	700.0	1.7	-7.5	165.5	7.9	-2.0	7.7	304.4	313.5	3.1	50.2	4.8	305
11.9	38.6	3439.5	675.0	-0.2	-9.6	171.8	7.4	-1.1	7.3	305.4	313.5	2.7	49.0	5.1	308
12.9	41.2	3740.4	650.0	-2.5	-11.8	174.8	8.2	-0.7	8.1	306.1	313.3	2.4	48.8	5.4	312
13.9	44.0	4050.1	625.0	-5.2	-10.4	181.8	8.9	0.3	8.9	306.5	314.8	2.8	66.8	5.8	315
14.9	46.7	4369.9	600.0	-6.8	-9.1	187.9	10.4	1.4	10.3	308.2	317.9	3.2	84.7	6.2	319
16.0	49.6	4703.0	575.0	-6.8	-7.6	189.5	11.2	1.8	11.0	312.1	323.3	3.8	93.9	6.7	324
17.0	52.4	5049.6	550.0	-8.8	-9.7	183.8	10.4	0.7	10.4	313.6	323.7	3.3	93.4	7.2	328
18.0	55.3	5408.6	525.0	-11.5	-12.2	189.2	6.8	1.1	6.7	314.6	323.4	2.8	94.0	7.6	330
19.3	58.3	5781.4	500.0	-14.2	-15.2	204.5	4.7	2.0	4.3	315.7	323.0	2.3	92.3	7.9	332
20.6	61.4	6168.7	475.0	-16.9	-18.4	181.2	4.3	0.1	4.3	317.0	323.0	1.9	88.5	8.2	334
21.9	64.5	6572.8	450.0	-19.5	-21.3	166.5	1.9	-0.4	1.8	318.7	323.7	1.5	85.5	8.4	335
23.4	67.9	6995.1	425.0	-22.7	-25.0	179.6	1.5	-0.0	1.5	319.9	323.7	1.2	81.4	8.5	335
24.9	71.1	7438.8	400.0	-26.1	-29.0	234.6	0.9	0.8	0.5	321.1	324.0	0.9	76.2	8.6	335
26.3	74.6	7900.6	375.0	-29.6	-33.0	214.3	3.0	1.7	2.5	322.4	324.6	0.6	72.3	8.6	336
27.8	78.3	8388.4	350.0	-34.2	-38.0	218.1	6.0	3.5	4.8	322.7	324.1	0.4	67.8	8.9	338
29.5	82.0	8902.7	325.0	-38.7	-43.0	221.4	6.4	4.2	4.8	323.4	324.3	0.3	63.2	9.2	342
31.2	86.0	9447.1	300.0	-43.5	99.9	214.7	4.9	2.8	4.0	324.1	999.9	99.9	999.9	9.4	345
33.1	90.0	10025.5	275.0	-49.0	99.9	207.5	4.3	2.0	3.8	324.3	999.9	99.9	999.9	9.9	347
35.3	94.3	10644.9	250.0	-53.4	99.9	229.6	8.4	6.4	5.4	326.8	999.9	99.9	999.9	10.3	350
37.6	99.0	11319.9	225.0	-55.0	99.9	225.2	12.3	8.7	8.6	334.2	999.9	99.9	999.9	11.1	357
40.0	103.8	12067.1	200.0	-58.8	99.9	229.6	13.8	10.5	9.0	339.6	999.9	99.9	999.9	12.5	3
42.9	108.2	12909.1	175.0	-58.7	99.9	250.5	14.6	13.7	4.9	353.0	999.9	99.9	999.9	14.0	12
45.8	115.0	13875.6	150.0	-60.6	99.9	254.2	18.0	17.4	4.9	365.6	999.9	99.9	999.9	15.3	20
49.7	121.7	15003.4	125.0	-62.6	99.9	254.4	15.9	15.3	4.3	381.7	999.9	99.9	999.9	18.1	31
53.8	129.0	16369.8	100.0	-64.4	99.9	264.5	16.3	16.2	1.6	403.4	999.9	99.9	999.9	21.2	40
58.6	137.7	18128.3	75.0	-65.7	99.9	278.1	10.1	10.0	-1.4	435.2	999.9	99.9	999.9	24.8	48
67.6	148.0	20812.8	50.0	-61.5	99.9	279.1	4.3	4.2	-0.7	498.5	999.9	99.9	999.9	25.1	54
80.2	159.3	25014.0	25.0	-54.7	99.9	999.9	99.9	99.9	99.9	627.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NC 12
COLLEGE STATION, TEXAS

MAY 1982
2010 GMT

87 288 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DC C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5 6	79 0	1011 9	21 8	18 6	360 0	3 6	0 0	-3 6	294 0	329 8	13 5	82 0	0 0	0
0 3	6 7	181 3	1000 0	21 1**	99 9	999 9	99 9	99 9	99 9	294 3	999 9	99 9	999 9	999 9	999
1 1	9 1	398 8	975 0	19 4**	99 9	999 9	99 9	99 9	99 9	294 7	999 9	99 9	999 9	999 9	999
2 0	11 5	620 8	950 0	17 7**	99 9	999 9	99 9	99 9	99 9	295 1	999 9	99 9	999 9	999 9	999
2 9	14 0	847 3	925 0	16 4	99 9	999 9	99 9	99 9	99 9	296 1	999 9	99 9	999 9	999 9	999
3 8	16 5	1076 9	900 0	15 4	9 7	999 9	99 9	99 9	99 9	297 4	320 0	8 4	88 7	999 9	999
4 6	19 0	1318 4	875 0	14 0	8 1	999 9	99 9	99 9	99 9	298 3	319 [illegible]	[illegible] 8	87 8	999 9	999
5 4	21 5	1563 0	850 0	12 6	7 9	94 8	6 8	-6 8	0 6	299 6	321 [illegible]	[illegible] 9	72 4	2 2	[illegible]
6 3	24 0	1812 8	825 0	10 3	7 0	119 5	6 9	6 0	3 4	299 5	20 [illegible]	[illegible] 6	79 5	2 4	[illegible]
7 2	26 8	2069 2	800 0	9 3	3 7	143 6	8 7	-5 2	7 0	301 [illegible]	318 [illegible]	[illegible] 3	68 [illegible]	[illegible]	[illegible]
8 2	29 2	2331 7	775 0	6 8	3 9	156 0	8 0	3 3	[illegible]	301	19	[illegible]	81 [illegible]	[illegible]	[illegible]
9 2	31 9	2600 9	750 0	5 4	3 5	172 [illegible]	[illegible]	0 9	6 4	302 4	[illegible]	[illegible]	87 [illegible]	[illegible]	[illegible]
10 1	34 5	2877 6	725 0	3 4	1 2	186 8	[illegible]	0 8	[illegible]	303 2	9	[illegible]	91	[illegible]	[illegible]
11 0	37 2	3162 1	700 0	1 4	0 4	201 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
12 1	40 0	3454 7	675 0	-0 9	2 5	214 [illegible]	7 3	4	[illegible]	[illegible]			[illegible]	[illegible]	
13 1	42 8	3756 1	650 0	1 7	-3 2	249 4	6	5 [illegible]	[illegible]	[illegible]			9		[illegible]
14 2	45 7	4067 5	625 0	3 6	-4 6	276 4	4 5	1 4	[illegible]	[illegible]	[illegible]	[illegible]	3		
15 4	48 5	4389 8	600 0	5 4	6 [illegible]	269 [illegible]	2 9	[illegible]	[illegible]	[illegible]	[illegible]		91		
16 4	51 4	4723 5	575 0	6 [illegible]	7 6	264 4	1 6	[illegible]	[illegible]	[illegible]	[illegible]		92	[illegible]	
17 8	54 4	5069 6	550 0	9 [illegible]	10 5	300 0	[illegible]	[illegible]		[illegible]			85		
18 9	57 5	5428 9	525 0	11 4	14 [illegible]	9 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		74		
20 3	60 6	5801 7	500 0	13 8	22 [illegible]	12 4	4 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
21 7	63 9	6189 6	475 0	16 3	-27 [illegible]	343 [illegible]	4 [illegible]	[illegible]	[illegible]	[illegible]					[illegible]
23 3	67 1	6594 2	450 0	19 [illegible]	30 [illegible]	330 [illegible]	4 [illegible]	[illegible]	[illegible]	[illegible]					
24 8	70 4	7017 2	425 0	21 [illegible]	35 4	999 9	99 9	9 9	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
26 3	73 9	7460 1	400 0	25 1**	39 [illegible]	999 9	99 9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49[illegible]	[illegible]	[illegible]
28 0	77 5	7924 9	375 0	29 2**	99 9	999 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29 8	81 3	8414 6	350 0	-32 [illegible]	46 [illegible]	999 9	99 9	99 9	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
31 6	85 1	8933 7	325 0	35 9*	50 [illegible]	999 9	99 9	99 9	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
33 4	89 0	9484 2	300 0	-40 4	99 9	999 9	99 9	99 9	99 9	[illegible]	[illegible]	[illegible]	999 9	999 9	[illegible]
99 9	99 9	99 9	275 0	99 9	99 9	99 9	99 9	99 9	99 9	[illegible]	[illegible]	99 9	999 9	999 9	999
99 9	99 9	99 9	250 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	225 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	200 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	175 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	150 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	125 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	100 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	75 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	50 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99 9	99.9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 12
COLLEGE STATION, TEXAS

2 MAY 1982
239 GMT

143 63 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	1010.8	19.1	17.4	0.0	0.0	0.0	0.0	291.4	323.5	12.5	90.0	0.0	0
0.5	6.6	171.0	1000.0	18.5**	99.9	999.9	99.9	99.9	99.9	291.7	999.9	99.9	999.9	999.9	999
1.1	9.2	387.0	975.0	17.6**	99.9	999.9	99.9	99.9	99.9	293.1	999.9	99.9	999.9	999.9	999
1.7	11.5	608.1	950.0	17.1**	99.9	999.9	99.9	99.9	99.9	294.5	999.9	99.9	999.9	999.9	999
2.3	13.9	834.5	925.0	16.3**	99.9	999.9	99.9	99.9	99.9	296.0	999.9	99.9	999.9	999.9	999
2.9	16.4	1066.9	900.0	15.3	6.9	999.9	99.9	99.9	99.9	297.3	316.2	7.0	57.0	999.9	999
3.6	18.8	1305.1	875.0	13.4	6.4	999.9	99.9	99.9	99.9	297.7	316.6	6.9	62.6	999.9	999
4.5	21.3	1549.0	850.0	11.9	6.6	132.6	6.7	-4.9	4.5	298.6	318.3	7.2	69.9	2.1	30
5.3	23.7	1798.0	825.0	9.4	5.9	133.9	6.4	-4.6	4.4	298.5	317.6	7.1	79.0	2.4	303
6.0	26.3	2053.3	800.0	8.4	6.7	137.7	5.7	-3.9	4.2	300.1	321.4	7.8	89.2	2.7	304
6.9	28.9	2315.1	775.0	6.4	4.2	162.7	2.4	-0.7	2.3	300.7	319.2	6.7	86.0	2.9	305
7.6	31.4	2584.1	750.0	5.1	3.1	252.5	1.4	1.3	0.4	302.1	320.0	6.4	87.2	2.9	306
8.4	34.1	2859.9	725.0	2.6	0.9	275.7	3.1	3.1	-0.3	302.3	318.2	5.7	89.1	2.9	307
9.3	36.8	3144.1	700.0	1.5	-1.1	272.8	3.8	3.8	-0.2	304.2	318.6	5.1	82.9	2.7	309
10.1	39.4	3436.3	675.0	-1.1	-2.7	270.5	2.9	2.9	-0.0	304.5	317.9	4.7	88.7	2.5	312
10.9	42.3	3736.9	650.0	-2.5	-4.3	277.1	2.2	2.2	-0.3	306.2	318.6	4.3	87.3	2.5	313
11.7	45.1	4047.7	625.0	-4.3	-6.8	292.8	1.6	1.5	-0.6	307.5	318.3	3.7	82.7	2.4	315
12.6	48.0	4368.8	600.0	-6.3	-9.0	330.3	1.4	0.7	-1.3	308.8	318.4	3.2	81.4	2.3	315
13.6	51.0	4701.6	575.0	-6.9	-12.1	355.7	1.5	0.1	-1.5	311.9	319.9	2.6	66.7	2.2	314
14.6	54.0	5046.9	550.0	-8.4	-16.6	336.2	2.0	0.8	-1.9	314.1	320.1	1.9	51.5	2.2	312
15.8	57.1	5407.0	525.0	-10.2	-21.9	308.7	2.9	2.3	-1.8	316.2	320.3	1.3	37.8	2.0	31[illegible]
16.8	60.3	5781.0	500.0	-13.3	-30.3	300.0	4.2	3.6	-2.1	316.9	318.9	0.6	22.2	1.8	312
17.8	63.5	6170.0	475.0	-15.5	-43.4	295.9	4.2	3.8	-1.9	318.8	319.4	0.2	7.6	1.5	315
18.9	66.9	6575.9	450.0	-18.3	-61.5	999.9	99.9	99.9	99.9	320.3	320.4	0.0	1.0	1.3	319
20.0	70.3	6999.9	425.0	-21.6	-63.7	999.9	99.9	99.9	99.9	321.3	321.4	0.0	1.0	999.9	999
21.2	73.9	7443.7	400.0	-24.5	-47.1	999.9	99.9	99.9	99.9	323.1	323.7	0.2	12.4	999.9	999
22.3	77.5	7909.7	375.0	-28.3	-61.3	999.9	99.9	99.9	99.9	324.1	324.2	0.0	3.2	999.9	999
23.4	81.3	8400.2	350.0	-32.6	-58.0	999.9	99.9	99.9	99.9	324.8	325.0	0.0	5.9	999.9	999
24.6	85.3	8918.0	325.0	-37.1	-73.9	306.5	1[illegible].9	10.3	-7.6	325.5	325.6	0.0	1.0	2.0	125
25.9	89.3	9465.2	300.0	-42.3	99.9	301.2	14.3	12.3	-7.4	325.8	999.9	99.9	999.9	3.1	125
27.3	93.7	10047.9	275.0	-47.0	99.9	297.2	18.2	16.2	-8.3	327.2	999.9	99.9	999.9	4.5	123
28.8	98.2	10673.4	250.0	-50.4	99.9	293.4	24.2	22.2	-9.6	331.2	999.9	99.9	999.9	6.3	121
30.6	103.2	11353.3	225.0	-55.2	99.9	293.9	29.3	26.8	-11.9	333.9	999.9	99.9	999.9	9.3	118
32.6	108.3	12087.2	200.0	-59.1	99.9	297.2	31.3	27.8	-14.3	339.2	999.9	99.9	999.9	12.9	118
34.8	113.8	12922.8	175.0	-63.8	99.9	296.4	28.9	25.9	-12.8	344.6	999.9	99.9	999.9	16.6	118
37.4	120.0	13877.5	150.0	-61.5	99.9	292.1	27.0	25.0	-10.2	364.2	999.9	99.9	999.9	21.2	117
40.6	126.7	15000.4	125.0	-64.1	99.9	293.7	22.3	20.4	-9.0	379.0	999.9	99.9	999.9	26.1	116
44.7	134.0	16351.9	100.0	-67.9	99.9	298.0	16.0	14.3	-7.0	396.5	999.9	99.9	999.9	30.6	116
49.6	142.3	18081.2	75.0	-65.1	99.9	999.9	99.9	99.9	99.9	436.5	999.9	99.9	999.9	34.7	115
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

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500 GMT

136 55 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5 7	79 0	1011 9	18 5	16 8	0 0	0 0	0 0	0 0	290 7	321 5	12 0	90 0	0 0	0
0.4	6 7	180.2	1000.0	18 1**	99 9	999 9	99 9	99 9	99 9	291 2	994 5	99 9	999 9	999 9	999
0 9	8 8	396 0	975.0	17 5**	99 9	999 9	99 9	99 9	99 9	292 8	999 9	99 9	999 9	999 9	999
1 4	10 8	616.9	950 0	17 0**	99 9	999 9	99 9	99 9	99 9	294 5	999 9	99 9	999 9	999 9	999
2.0	13 0	844.1	925 0	16 5	9 9	999 9	99 9	99 9	99 9	296 2	318 5	8 3	85 0	999 9	999
2 8	15 2	1078 9	900 0	15 4	7 9	999 9	99 9	99 9	99 9	297 4	317 7	7 5	80 9	999 9	999
3.5	17 4	1315 7	875 0	14 0	6 6	999 9	99 9	99 9	99 9	298 3	317 4	7 0	81 0	999 9	999
4.4	19 5	1559 9	850 0	12 3	4 2	135 5	6 5	-4 6	4 6	299 1	315 9	6 1	57 6	1 9	303
5.1	21 8	1809 9	825.0	10 8	3 4	142 8	6 5	-4 0	5 2	300 0	316 5	5 3	60 1	2 2	306
6.0	24 2	2065 8	800 0	8 9	4 2	139 2	6 1	-4 0	4 6	300 6	318 6	6 5	72 6	2 5	308
6 8	26 5	2328 4	775 0	7 5	2 4	133 1	3 6	2 6	2 5	301 9	318 4	5 9	70 0	2 7	309
7 5	28 7	2597 8	750 0	5 2	3 1	123 0	1 2	-1 0	0 7	302 3	320 2	6 4	86 5	2 8	309
8 4	31 2	2874 7	725 0	4 0	3 1	270 4	0 8	0 8	-0 0	303 9	322 4	6 6	93 3	2 8	309
9 1	33 6	3159 3	700 0	1 6	0 2	291 2	1 7	1 6	-0 6	304 3	320 0	5 6	90 3	2 8	309
10 0	36 1	3451 8	675 0	0 7	-0 7	277 5	2 1	2 1	-0 3	306 4	321 9	5 4	91 0	2 7	310
10 9	38 7	3753 9	650 0	-2 2	-3 7	256 9	2 1	2 1	0 5	306 5	319 5	4 5	89 0	2 6	312
11 7	41 2	4065 1	625 0	-3 5	-5 3	267 8	2 7	2 7	0 1	308 4	320 5	4 1	87 3	2 5	314
12 7	43 9	4386 4	600 0	-6 0	-8 7	265 9	2 6	2 5	0 2	309 1	319 0	3 3	81 1	2 4	316
13 5	46 6	4720 2	575 0	-5 6	-14 5	251 3	1 4	1 3	0 4	313 4	320 1	2 2	49 4	2 4	318
14 5	49 3	5068 3	550 0	-7 0	-17 3	280 0	0 7	0 7	0 1	315 8	321 5	1 8	43 6	2 3	319
15 4	52 1	5429 4	525 0	-9 8	-19 8	296 6	1 4	1 3	0 6	316 7	321 6	1 5	43 6	2 3	320
16 4	55 0	5803 9	500 0	-12 7	-22 7	292 5	3 3	3 1	-1 3	317 6	321 6	1 2	42 7	2 2	321
17.4	56 0	6193 6	475 0	-14 8	-43 9	999 9	99 9	99 9	99 9	319 7	320 3	0 2	6 2	2 0	325
18 4	61 1	6600 7	450 0	-17 9	-58 7	999 9	99 9	99 9	99 9	320 7	320 8	0 0	1 4	999 9	999
19 5	64 3	7025 2	425 0	-20 8	-60 5	999 9	99 9	99 9	99 9	322 3	322 4	0 0	1 7	999 9	999
20.6	67 6	7471.1	400 0	-23 6	-62 0	999 9	99 9	99 9	99 9	324 3	324 4	0 0	1 7	999 9	999
21 7	71 0	7939 0	375 0	-27 4	-67 5	999 9	99 9	99 9	99 9	325 4	325 4	0 0	1 0	999 9	999
23 0	74 4	8431 8	350 0	-31 2	-69 9	999 9	99 9	99 9	99 9	326 7	326 8	0 0	1 0	999 9	999
24 1	78 1	8951.7	325 0	-35 6	72 9	999 9	99 9	99 9	99 9	327 6	327 7	0 0	1 0	999 9	999
25 3	82 0	9502 8	300 0	-40 5	99 9	999 9	99 9	99 9	99 9	328 4	999 9	99 9	999 9	999 9	999
26.7	86 0	10090 6	275 0	-44 6	99 9	999 9	99 9	99 9	99 9	330 7	999 9	99 9	999 9	4 3	114
28 0	90 2	10724.7	250.0	-48 2	99 9	294 9	31 0	28 1	-13 1	334 4	999 9	99 9	999 9	6 4	114
29.5	94 6	11411 7	225.0	-53 0	99 9	294 2	35 6	32 5	-14 6	337 3	999 9	99 9	999 9	9 5	114
31.0	99 4	12160 1	200 0	-59 1	99 9	295 0	32 7	29 6	-13 8	339 2	999 9	99 9	999 9	12 8	114
32.7	104 5	12991 2	175 0	-61 4	99 9	291 5	29 4	27 3	-10 8	348 6	999 9	99 9	999 9	15 8	114
35.3	110 3	13946 1	150 0	-60 9	99 9	291 6	26 8	24 9	-9 8	365 1	999 9	99 9	999 9	20 1	114
38.5	116 5	15074.5	125.0	-63 2	99 9	291 1	24 1	22 4	-8 7	380 5	999 9	99 9	999 9	25 1	113
42.5	123.7	16436.6	100 0	-66 2	99 9	292 3	16 9	15 6	-6 4	399 8	999 9	99 9	999 9	30 1	113
47 8	132 3	18170.3	75 0	-65 2	99 9	294 2	11 3	10 3	-4 6	436 2	999 9	99 9	999 9	34 5	113
99 9	99 9	99.9	50.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99 9	99 9	99 9	25 0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 101
FT SILL, OKLAHOMA

1 MAY 1982
1059 GMT

157 17 2

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	380.0	980.2	13.8	12.8	360.0	2.1	0.0	-2.1	288.8	313.2	9.6	84.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.3	8.3	405.0	975.0	13.5*	9.0	42.2	7.1	-4.8	-5.3	288.8	308.2	7.5	74.7	0.2	204
1.1	10.5	824.0	950.0	12.7	11.0	52.4	6.3	-5.0	-3.8	290.1	312.8	8.7	89.3	0.4	215
2.1	12.8	847.9	925.0	11.5	9.9	80.5	5.9	-5.5	-2.1	291.1	312.8	8.3	89.8	0.8	228
3.0	15.2	1076.9	900.0	9.9	9.0	65.8	4.0	-3.7	-1.7	291.7	312.9	8.1	94.3	1.0	235
3.9	17.4	1311.2	875.0	9.3	8.4	121.4	1.3	-1.1	0.7	293.4	314.5	8.0	94.4	1.1	235
4.9	19.9	1552.0	850.0	8.6	7.8	199.9	1.3	0.5	1.3	295.2	316.1	7.9	94.8	1.1	237
5.8	22.2	1799.2	825.0	8.0	8.9	235.9	2.4	2.0	1.4	297.0	317.6	7.6	93.3	1.0	238
6.7	24.6	2053.6	800.0	6.0	4.0	999.9	99.9	99.9	99.9	299.7	317.3	6.4	75.7	0.8	237
7.8	27.2	2315.3	775.0	6.2	-0.0	999.9	99.9	99.9	99.9	300.5	314.3	4.9	64.4	999.9	999
8.9	30.0	2583.1	750.0	4.0**	99.9	999.9	99.9	99.9	99.9	300.9	999.9	99.9	999.9	999.9	999
10.0	32.7	2857.4	725.0	1.9**	99.9	999.9	99.9	99.9	99.9	301.6	999.9	99.9	999.9	999.9	999
11.0	35.4	3139.1	700.0	-0.2**	99.9	999.9	99.9	99.9	99.9	302.3	999.9	99.9	999.9	999.9	999
12.1	38.0	3429.1	675.0	-1.7	-5.2	999.9	99.9	99.9	99.0	303.7	314.9	3.9	77.2	999.9	999
13.2	40.7	3729.1	650.0	-3.7	-5.7	999.9	99.9	99.9	99.9	304.8	316.0	3.8	85.3	999.9	999
14.4	43.7	4038.8	625.0	-4.7	-6.3	999.9	99.9	99.9	99.9	307.0	318.3	3.8	89.0	999.9	999
15.7	46.6	4359.5	600.0	-6.0	-9.5	999.9	99.9	99.9	99.9	309.1	318.4	3.1	76.5	999.9	999
17.0	49.9	4692.1	575.0	-8.0	-11.5	999.9	99.9	99.9	99.9	310.7	319.0	2.8	75.5	999.9	999
18.3	52.9	5036.9	550.0	-9.5	-12.3	149.7	3.5	-1.8	3.1	312.8	321.1	2.7	80.1	1.0	338
19.6	55.9	5395.2	525.0	-11.9	-14.6	149.1	2.9	-1.5	2.5	314.1	321.3	2.3	80.2	1.2	336
20.9	59.1	5767.9	500.0	-13.9	-16.9	142.0	3.0	-1.8	2.4	316.1	322.5	2.0	78.2	1.4	335
22.4	62.7	6155.2	475.6	-16.8	-20.1	999.9	99.9	99.9	99.9	317.1	322.4	1.6	75.8	999.9	999
23.8	66.0	6550.4	450.0	-19.4	-22.2	999.9	99.9	99.9	99.9	318.9	323.5	1.4	78.1	999.9	999
25.5	69.7	6960.6	425.0	-22.7	-25.7	999.9	99.9	99.9	99.9	319.9	323.6	1.1	76.0	999.9	999
27.2	73.3	7422.8	400.0	-26.1	-29.6	999.9	99.9	99.9	99.9	321.1	323.9	0.8	72.0	999.9	999
28.9	77.3	7887.2	375.0	-29.2	-34.8	999.9	99.9	99.9	99.9	322.9	324.7	0.5	58.4	999.9	999
30.7	81.2	8375.7	350.0	-33.4	-39.6	999.9	99.9	99.9	99.9	323.7	325.0	0.3	53.2	999.9	999
32.4	85.3	8891.5	325.0	-37.9	99.9	999.9	99.9	99.9	99.9	324.4	999.9	99.9	999.9	999.9	999
34.3	89.7	9436.5	300.0	-42.0	99.9	310.2	4.9	3.7	-3.2	326.2	999.9	99.9	999.9	1.1	185
36.5	94.6	10020.8	275.0	-47.3	99.9	299.6	6.3	5.5	-3.1	326.7	999.9	99.9	999.9	1.7	150
38.9	99.4	10643.8	250.0	-52.7	99.9	284.0	7.0	6.8	-1.7	327.8	999.9	99.9	999.9	2.5	137
41.3	104.6	11315.3	225.0	-58.6	99.9	272.4	7.7	7.7	-0.3	328.8	999.9	99.9	999.9	3.3	125
43.9	110.4	12044.9	200.0	-65.0	99.9	281.0	6.9	6.8	-1.7	329.8	999.9	99.9	999.9	4.6	118
46.4	116.2	12855.9	175.0	-68.2	99.9	277.9	10.7	10.6	-1.5	342.3	999.9	99.9	999.9	5.9	113
49.0	123.0	13700.0	150.0	-61.3	99.9	284.5	13.7	13.3	-3.4	354.5	999.9	99.9	999.9	8.3	111
53.5	130.2	14924.0	125.0	-62.9	99.9	282.8	13.4	13.1	-3.0	381.1	999.9	99.9	999.9	11.7	108
58.2	137.7	16203.2	100.0	-65.3	99.9	287.0	14.0	13.4	-4.1	401.6	959.9	99.9	999.9	15.5	108
64.3	145.0	18059.7	75.0	-64.0	99.9	305.3	8.3	6.8	-4.8	4[illegible]	999.9	99.9	999.9	19.5	109
72.8	152.7	20579.4	50.0	-58.8	99.9	14.7	3.5	-0.9	-3.4	5[illegible]	999.9	99.9	999.9	21.4	113
84.8	160.3	24908.8	25.0	-54.0	99.9	237.3	1.8	1.3	0.9	523.9	999.9	99.9	999.9	20.3	116

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 101
FT SILL, OKLAHOMA

1 MAY 1982
1817 GMT

154 27 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	360 0	981 6	18 0	13 9	50 0	2.1	-1 6	-1 3	292 7	319 4	10 3	77 0	0 0	0
99 9	99.9	99.9	1000 0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0 1	9.4	417.2	975 0	13 6	8 8	63.0	3 3	-2.9	-1 5	[illegible] 8	308 0	7 3	72 8	0 2	232
1 1	11.5	637 0	950 0	14 7	12 1	61 9	4.1	-3 6	-1 9	[illegible] 1	316 7	9 4	84 3	0 3	236
1.9	13.8	862.2	925 0	12 6	11 5	74 2	4 1	-4 0	-1 1	292 2	316 5	9 3	93 3	0 5	238
2.8	16.0	1092 2	900 0	11 7	10 3	96.7	3 7	-3 6	0 4	293 6	316 8	8 8	91 3	0 7	245
3 6	18.4	1327.8	875 0	10 2	9 3	168.9	1 3	-0 3	1 3	294 4	316 8	8 4	94 1	0 8	252
4.5	20.8	1569 6	850 0	10 1	9 0	232 5	2 6	2 0	1 6	296 7	319 7	8 6	93 2	0 8	252
5 4	23.2	1817 8	825 0	8 7	7 8	221 0	4 2	2 8	3 2	297 8	319 7	8 1	94 1	0 6	263
6.3	25.7	2072 4	800 0	7 3	6 2	232 7	3.9	3 1	2 4	298 9	319 3	7 5	92 9	0 5	279
7.3	28 2	2333 8	775 0	6 6	4 1	999 9	99 9	99 9	99 9	300 9	319 3	6 6	83 8	999 9	999
8 3	30 9	2602 0	750 0	4 1	2.0	999 9	99 9	99 9	99 9	301 0	317 5	5 9	86 0	999 9	999
9 2	33 6	2877.6	725 0	2 9	-0 3	999 9	99 9	99 9	99 9	302 6	317 2	5 2	79 3	999 9	999
10 3	36 2	3161 1	700.0	0.6*	99 9	999 9	99 9	99 9	99 9	303 2	999 9	99 9	999 9	999 9	999
11 4	39.0	3452.2	675 0	-0 8*	99.9	999 9	99 9	99 9	99 9	304 7	999 9	99 9	999 9	999 9	999
12 5	41 7	3753 5	650 0	-1 6	-5 2	999 9	99 9	99.9	99 9	306 9	318 6	4 0	77 8	999 9	999
13.6	44.6	4065.0	625 0	-3 8	-6.3	999 9	99 9	99 9	99 9	308 1	319 4	3 8	83 0	999 9	999
14.8	47.6	4386.6	600 0	-5 8	-7 8	999 9	99 9	99 9	99 9	309 4	320 0	3 5	85 4	999 9	999
15 9	50.6	4719 4	575 0	-7 6	-9 4	999 9	99 9	99 9	99 9	311 1	320 8	3 3	86 8	999 9	999
17.1	53.6	5064 2	550 0	-9 2	99 9	999 9	99 9	99 9	99 9	313 2	999 9	99 9	999 9	999 9	999
18 5	56 8	5423 1	525 0	-10 6**	99 9	999 9	99 9	99 9	99 9	315 7	999 9	99 9	999 9	999 9	999
20.0	60.1	5795 5	500.0	-13 8**	99 9	999 9	99 9	99 9	99 9	316 2	999 9	99 9	999 9	999 9	999
21.2	63 6	6183 4	475 0	-16 3**	99 9	999 9	99 9	99 9	99 9	317 8	999 9	99 9	999 9	999 9	999
22 5	66.9	6588 7	450 0	-18 6	-24 4	999 9	99 9	99 9	99 9	319 9	323 7	1 2	59 8	999 9	999
24 1	70.5	7012 4	425 0	-22 0	-32 2	999 9	99 9	99 9	99 9	320 8	322 9	0 6	39 2	999 9	999
25 7	74.2	7455 4	400 0	-25 5	-37 7	999 9	99.9	99 9	99 9	321 8	323 1	0 4	30 6	999 9	999
27.5	78 2	7919 3	375 0	-29 5	-46 7	999 9	99 9	99 9	99 9	322 6	323 2	0 1	16 9	999 9	999
29.2	82.2	8408 3	350 0	-33 0	-49 4	325 5	5 7	3 2	-4 7	324 3	324 7	0 1	17 4	1 2	182
30 9	86 2	8925 2	325 0	-36 7	-54 3	301 3	7 1	6 1	-3 7	326 1	326 4	0 1	14 0	1 6	166
32.9	90.8	9473.9	300 0	-41 5	99 9	289 1	8 4	7 9	-2 7	326.9	999 9	99 9	999 9	2 4	147
34 8	95.5	10057 9	275 0	-46 7	99 9	282 8	8 6	8 4	1 9	327 5	999 9	99 9	999 9	3 2	136
36 9	100 5	10683 3	250 0	-51 7	99 9	277 0	10 1	10 0	-1 2	329 3	999 9	99 9	999 9	4 2	126
39 3	105 8	11359 0	225 0	-56 7	99 9	278 7	10 5	10.3	-1 6	331 6	999 9	99 9	999 9	5 5	119
41 9	111 5	12095 5	200 0	-62 6	99 9	280 8	14 1	13 8	-2 6	333 7	999 9	99 9	999 9	7 2	113
44.4	117.5	12913 9	175 0	-64 6	99 9	296 3	14 5	13 0	-6 4	343 4	999 9	99 9	999 9	9 7	113
47.5	124.2	13867.3	150 0	-62 2	99.9	291 6	13 3	12 3	-4 9	362 9	999 9	99 9	999 9	11 9	113
50 8	131.2	14996 0	125 0	-61 4	99.9	290 0	15 0	14 1	-5 1	383 9	999 9	99 9	999 9	15 0	114
54.8	138.5	16378 6	100 0	-63 1	99 9	286.2	12 7	12 2	-3 5	405 8	999 9	99 9	999 9	17 9	112
59 5	145.7	18152.4	75 0	-62 0	99 9	308 9	8 2	6 4	-5 2	443 1	999 9	99 9	999 9	21 3	113
66 1	153.7	20695.5	50 0	-59 1	99 9	283 4	3 0	2 9	-0 7	504 3	999 9	99 9	999 9	22 3	115
99 9	99.9	99 9	25 0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 101
FT SILL, OKLAHOMA

1 MAY 1982
1915 GMT

162 14 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	7 7	360 0	980.3	20 8	12 8	30 0	2 1	-1 0	-1 8	295 6	320 8	9 5	60 0	0 0	0
99 9	99 9	99.9	1000.0	99 9	99 9	99 9	99 9	99 0	99 9	99 9	999 9	99 9	999 9	999 9	999
0 1	8 0	406 9	975 0	20 2	12.7	999 9	99 9	99.9	99 9	295 5	322 4	10 2	66 2	999 9	999
0 9	10 3	629 8	950.0	16.6	12 3	999 9	99 9	99 9	99 9	294 1	319 2	9 5	75 6	999 9	999
1 8	12 7	856 3	925 0	14 0	12 1	999 9	99 9	99 9	99 9	293 6	318 9	9 7	88 5	999 9	999
2 8	15 1	1087 3	900 0	12.0	10 9	999 9	99 9	99 9	99 9	293 9	317 9	9 1	92 8	999 9	999
3 8	17.5	1323 4	875.0	10 7	9.8	999 9	99 9	99 9	99 9	294 9	318 2	8 8	94 2	999 9	999
4 8	20 1	1564 8	850 0	9 2	7 4	999 9	99 9	99 9	99 9	295 8	316 2	7 6	88 5	999 9	999
5 8	22 6	1812 2	825.0	7 7	4.5	999 9	99 9	99 9	99 9	296 7	314 2	6 4	80 0	999 9	999
6 9	25 2	2066 2	800 0	7 4	4 0	999 9	99 9	99 9	99 9	299 0	316 7	6 4	79 4	999 9	999
8 0	27 9	2326 9	775 0	5.3	2 7	999 9	99 9	99 9	99 9	299 6	316 2	6 0	82 9	999 9	999
8 9	30 7	2594 7	750 0	4 0	0.4	999 9	99 9	99 9	99 9	301 0	315 7	5 3	77 0	999 9	999
9 9	33 6	2870 2	725.0	2 8	-1 8	999 9	99 9	99 9	99 9	302 6	315 7	4 6	71 5	999 9	999
10 9	36.2	3154 2	700 0	2 0	-2 0	999 9	99 9	99 9	99 9	304 7	318 3	4 7	74 9	999 9	999
12.1	39 2	3447 2	675 0	0 1	-4 3	999 9	99 9	99 9	99 9	305 8	317 8	4 1	71 9	999 9	999
13.2	42.0	3749 1	650.0	-1 5	-5 2	999 9	99 9	99 9	99 9	307 3	319 0	4 0	75 7	999 9	999
14.2	45.1	4061.1	625.0	-3 4	-6 3	999 9	99 9	99 9	99 9	308 6	319 9	3 8	80 2	999 9	999
15.6	48.4	4382 5	600 0	-5.9	-9 5	999 9	99.9	99 9	99 9	309 4	318 7	3 1	75 6	999 9	999
16.7	51 3	4716 5	575 0	-5 9	-13 2	999 9	99 9	99 9	99 9	313 1	320 5	2 4	56 4	999 9	999
18.0	54 5	5063 1	550.0	-8.5	-14 9	999 9	99 9	99 9	99 9	314 0	320 8	2 2	59 8	999 9	999
19 3	57 7	5422 8	525 0	-11 0	99 9	999 9	99 9	99 9	99 9	315 3	999 9	99 9	999 9	999 9	999
20 6	61 1	5795.4	500.0	-13.7**	99 9	999 9	99 9	99 9	99 9	316 3	999 9	99 9	999 9	999 9	999
22 0	64 7	6183 0	475 0	-16 6**	99 9	999 9	99 9	99 9	99 9	317 4	999 9	99 9	999 9	999 9	999
23 5	68 3	6587 7	450 0	-18 7	99 9	999 9	99 9	99 9	99 9	319 7	999 9	99 9	999 9	999 9	999
25.0	71.8	7011 0	425.0	-22 1**	99 9	999 9	99 9	99 9	99 9	320 7	999 9	99 9	999 9	999 9	999
26 9	75 8	7453 2	400.0	-26 2**	99.9	999 9	99 9	99 9	99 9	321 0	999 9	99 9	999 9	999 9	999
28 5	79.9	7916 3	375 0	-30 0**	-43 7	999 9	99 9	99 9	99 9	322 0	322 7	0 2	24 5	999 9	999
30 3	84 0	8403 8	350 0	-33 7	-49.4	999 9	99 9	99 9	99 9	323 3	323 8	0 1	18 5	999 9	999
32.2	88.3	8920 1	325 0	-37 3	-50 7	296 1	8 9	8 0	-3 9	325 3	325 8	0 1	22 9	3 0	150
34 1	93.0	9467 5	300.0	-42 0	99 9	281 0	9 7	9 5	-1 9	326 2	999 9	99 9	999 9	3 9	139
36 1	97 8	10050 3	275 0	-46.9	99 9	271 5	9 8	9 8	-0 3	327 3	999 9	99 9	999 9	4 8	129
38.5	102 8	10674 7	250 0	-52.0	99 9	274 5	13 3	13 2	-1 0	328 7	999 9	99 9	999 9	6 1	120
40 8	108.5	11349 9	225 0	-58 7	99 9	280 4	14 1	13 9	-2 6	331 6	999 9	99 9	999 9	7 9	115
43 3	114.2	12088 0	200 0	-62.0	99 9	293 2	14 1	13 0	-5 6	334 5	999 9	99 9	999 9	10 0	113
45.8	120.5	12908 9	175.0	-64 0	99.9	300 7	13 3	11 5	-6 8	344 3	999 9	99 9	999 9	12 1	114
48 9	127.2	13861.6	150.0	-61 3	99.9	293 5	17 2	15 8	-6 9	364 6	999 9	99 9	999 9	14 8	114
52 3	134.7	14992 3	125 0	-61 3	99 9	290 9	15 2	14 2	-5 4	384 1	999 9	99 9	999 9	18 3	114
56 3	141.7	16373 4	100 0	-63.0	99 9	292 1	12 7	11 8	-4 8	406 1	999 9	99 9	999 9	21 5	113
61 3	149.0	18142 7	75.0	-62 2	99.9	301 4	8 4	7 2	-4 4	442 6	999 9	99 9	999 9	25 0	114
68.1	157.0	20670 7	50.0	-59.7	99 9	312 6	2 7	2 0	-1 8	502 9	999 9	99 9	999 9	25 7	114
78.3	164 7	25091 4	25 0	-53 6	99 9	88 6	2 8	-2 8	-0 1	631 0	999 9	99 9	999 9	26 2	117

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 101
FT SILL, OKLAHOMA

1 MAY 1982
2216 GMT

116 135 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	360.0	978.2	21.9	14.3	0.0	0.0	0.0	0.0	296.9	324.9	10.3	62.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.2	8.7	388.4	975.0	21.4*	99.9	999.9	99.9	99.9	99.9	296.7	999.9	99.3	999.9	999.9	999
0.9	10.8	612.0	950.0	19.1*	99.9	999.9	99.9	99.9	99.9	296.6	999.9	99.9	999.9	999.9	999
1.9	12.9	840.5	925.0	16.7	11.6	999.9	99.9	99.9	99.9	296.4	321.3	9.4	71.9	999.9	999
2.7	15.2	1073.4	900.0	14.3	10.7	999.9	99.9	99.9	99.9	296.2	320.3	9.0	79.0	999.9	999
3.6	17.4	1311.2	875.0	12.5	10.0	999.9	99.9	99.9	99.9	296.8	320.4	8.9	84.6	999.9	999
4.7	19.7	1554.0	850.0	10.7	8.9	999.9	99.9	99.9	99.9	297.3	320.1	8.5	89.0	999.9	999
5.5	21.9	1802.9	825.0	9.6	5.8	999.9	99.9	99.9	99.9	298.8	318.0	7.0	76.9	999.9	999
6.5	24.4	2057.9	800.0	8.0*	99.9	999.9	99.9	99.9	99.9	299.7	999.9	99.9	999.9	999.9	999
7.7	26.6	2318.5	775.0	6.0*	99.9	999.9	99.9	99.9	99.9	300.3	999.9	99.9	999.9	999.9	999
8.9	29.1	2585.6	750.0	3.8	1.6	999.9	99.9	99.9	99.9	300.7	316.7	5.7	85.7	999.9	999
10.0	31.7	2860.8	725.0	2.2	0.6	999.9	99.9	99.9	99.9	301.9	317.4	5.5	88.9	0.9	14
11.6	34.3	3144.3	700.0	1.5	-1.2	176.4	1.9	-0.1	1.9	304.1	318.4	5.0	82.6	1.1	10
12.5	36.8	3436.7	675.0	-0.4	-2.3	169.8	1.2	-0.2	1.2	305.2	318.9	4.8	87.1	1.2	10
13.8	39.6	3738.3	650.0	-1.8	-4.1	81.9	0.7	-0.7	-0.1	307.0	319.6	4.3	83.8	1.3	8
14.8	42.1	4049.9	625.0	-3.3	-7.5	11.0	1.8	-0.4	-1.8	308.7	319.1	3.5	73.0	1.2	8
15.6	45.0	4373.6	600.0	-3.2	-12.0	359.6	2.9	0.0	-2.9	312.4	320.2	2.5	50.7	1.1	8
16.9	48.0	4709.4	575.0	-5.2	-14.2	999.9	99.9	99.9	99.9	313.9	320.8	2.2	48.9	0.8	12
18.1	50.8	5057.4	550.0	-7.2	-21.6	999.9	99.9	99.9	99.9	315.6	319.7	1.2	30.8	999.9	999
19.4	53.9	5418.1	525.0	-9.8**	99.9	999.9	99.9	99.9	99.9	316.7	999.9	99.9	999.9	999.9	999
20.6	56.9	5792.5	500.0	-12.4**	99.9	999.9	99.9	99.9	99.9	317.9	999.9	99.9	999.9	999.9	999
22.0	60.3	6182.0	475.0	-15.4**	99.9	999.9	99.9	99.9	99.9	318.9	999.9	99.9	999.9	999.9	999
23.3	63.6	6588.0	450.0	-18.3**	99.9	999.9	99.9	99.9	99.9	320.2	999.9	99.9	999.9	999.9	999
24.8	67.0	7012.0	425.0	-21.1	-37.4	999.9	99.9	99.9	99.9	321.9	323.2	0.4	21.2	999.9	999
26.3	70.5	7456.3	400.0	-25.0	-37.4	298.7	5.7	5.0	-2.7	322.5	323.8	0.4	30.5	1.3	148
27.7	74.3	7920.8	375.0	-29.4	-41.4	303.3	7.1	5.9	-3.9	322.6	323.6	0.3	30.1	1.8	139
29.3	78.2	8409.1	350.0	-33.3	-45.8	306.8	10.6	8.5	-6.4	323.9	324.6	0.2	26.8	2.6	136
30.9	82.2	8924.9	325.0	-38.3	99.9	294.4	12.0	11.0	-5.0	323.9	999.9	99.9	999.9	3.7	131
32.7	86.4	9471.1	300.0	-42.2	99.9	288.3	13.5	12.8	-4.2	325.8	999.9	99.9	999.9	5.0	126
34.5	91.0	10051.9	275.0	-47.4	99.9	288.2	14.3	13.6	-4.5	326.5	999.9	99.9	999.9	6.5	121
36.7	95.8	10676.5	250.0	-51.4	99.9	295.2	14.7	13.2	-6.5	329.7	999.9	99.9	999.9	8.3	120
38.7	100.8	11351.9	225.0	-57.1	99.9	294.0	16.4	15.0	-6.7	331.1	999.9	99.9	999.9	10.2	119
41.0	106.5	12090.9	200.0	-60.5	99.9	300.5	14.0	12.1	-7.1	336.9	999.9	99.9	999.9	12.4	118
43.5	112.2	12917.4	175.0	-63.9	99.9	301.4	14.6	12.5	-7.6	344.5	999.9	99.9	999.9	14.3	119
46.5	118.7	13868.5	150.0	-61.4	99.9	999.9	99.9	99.9	99.9	364.3	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 102
POST, TEXAS

1 MAY 1982
1134 GMT

105 162 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	772.0	932.4	11 7	10 9	10 0	2 6	-0 5	-2.6	290 6	313 7	8 9	95 0	0 0	0
99 9	99.9	99.9	1000.0	99.9	99 9	99 9	99 9	99 9	99.9	99 9	999 9	99 9	999 9	999 9	999
99 9	99.9	99.9	975.0	99 9	99.9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999.9	999 9	999
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
0.1	14 3	838 8	925.0	11 1	10.5	10 8	5 0	-0 9	-4.9	290 7	313 3	8 7	96 2	0 1	185
0 9	17.0	1067.6	900.0	9.9	9.2	27.3	4 8	-2 2	-4.3	291 7	313 1	8 2	95 7	0.3	188
1.6	19.6	1302.1	875.0	9 6*	8.9	75 9	4 2	-4.1	-1.0	293.7	315 5	8 2	95 6	0 4	206
2.3	22.3	1542.8	850.0	8.4	7.5	100 3	5 1	-5 0	0 9	295 0	315 5	7 7	94 1	0.5	228
3 0	25 0	1789 5	825.0	7.1	6.4	103.8	4 9	-4 8	1 2	296 1	315 9	7 3	94 9	0 7	243
3.8	27.7	2042.9	800.0	6 1	5 4	117 8	4 0	-3 6	1.9	297 6	316 9	7 1	95 6	0 8	254
4.6	30.4	2303 0	775.0	4.6	3 9	115 1	4 8	-4 3	2.0	298 7	316 7	6 6	95 4	1 0	262
5.4	33 1	2569.9	750.0	3.3	2.3	101.7	5 8	-5 7	1.2	300 2	317 0	6 1	93 3	1.2	268
6.5	35 7	2845.0	725.0	2.2	-2 4	90 3	5 3	-5 3	0.0	301 9	314 5	4 5	71 8	1 6	270
7.8	38.6	3128.5	700.0	1.5	-3.7	91.7	4 9	-4 9	0 1	304 1	316 1	4 2	68 5	2.0	269
8 8	41 3	3420 4	675.0	-1.0	-4.8	112 9	5 4	-4.9	2 1	304.5	316 0	4 0	75 3	2 3	271
10.1	44.2	3720.9	650.0	-2 9	-5 3	118 4	5 8	-5 1	2 0	305 7	317 2	4 0	83 4	2 6	276
10.9	47.1	4030 8	625.0	-5.1	-5 5	104 1	6 5	-6 3	1 6	306 7	318 5	4 1	96 6	2 9	277
11.8	50.0	4350.8	600.0	-6.5	-10.6	94.6	7.0	-7 0	0 6	308 6	317 1	2 8	72 3	3 3	277
13.1	53.0	4683.7	575.0	-6.8	-31.9	83.9	5 6	-5 6	-0.6	312 1	313 6	0 5	11 3	3 8	276
14 7	56 1	5029 6	550.0	-8 5	-31 1	81 9	4 2	-4 2	-0 6	314 0	315 8	0 5	14 1	4 3	274
16 0	59 1	5389.1	525.0	-10.3	-32 9	999.9	99 9	99.9	99 9	316 0	317 6	0 5	13 7	4 5	274
17.1	62 4	5764 0	500.0	-12.0	-25.6	999 9	99 9	99.9	99 9	318 5	321 6	0 9	30 9	999 9	999
18.2	65 6	6155.5	475.0	-14.7	-26 1	999 9	99 9	99 9	99 9	319 8	322 9	0 9	37 0	999 9	999
19.7	68 9	6562 1	450.0	-17.9	-29.0	999.9	99 9	99 9	99 9	320 8	323 4	0 8	36 9	999 9	999
21.4	72 3	6987.0	425.0	-20.8**	99.9	999.9	99 9	99 9	99.9	322 3	999 9	99 9	999 9	999 9	999
23.2	75.8	7431.9	400.0	-24.3**	99 9	999 9	99 9	99 9	99 9	323 4	999 9	99 9	999 9	999 9	999
25.2	79 4	7899.0	375.0	-27.9**	99 9	999 9	99.9	99 9	99 9	324 7	999 9	99 9	999 9	999.9	999
27.2	83 0	8390 5	350.0	-31 9	-51 3	999 9	99 9	99 9	99 9	325 7	326 1	0 1	12 5	999.9	999
29.4	86.8	8909.6	325.0	-36 3	-51 7	999 9	99 9	99 9	99 9	326 6	327 0	0 1	18.5	4 1	226
31.6	90 7	9459.8	300.0	-40 8	99.9	320 4	8 0	5 1	-6.2	327 8	999 9	99 9	999 9	4.3	214
33.9	94 8	10046 1	275.0	-45 5	99.9	306 6	9 0	7 2	-5 4	329 3	999 9	99 9	999 9	4 7	199
36.3	99.2	10674.1	250.0	-51.2	99 9	283.9	8 2	7 9	-2 0	330 0	999 9	99 9	999 9	5 0	185
38 7	103.7	11351.3	225.0	-56 7	99 9	264 4	8 7	8 6	0 8	331 7	999 9	99 9	999 9	5 0	172
41.2	108.8	12092.2	200.0	-61.2	99.9	284.0	12 7	12 4	-3 1	335 9	999.9	99 9	999 9	5.5	156
44.4	114 0	12911.8	175.0	-65 4	99 9	999 9	99 9	99.9	99 9	342 0	999 9	99 9	999 9	6	141
99.9	99.9	99.9	150.0	99 9	99 9	99 9	99 9	99.9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	125.0	99 9	99 9	99.9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	100.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99.9	75.0	99 9	99 9	99 9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	50.0	99 9	99 9	99 9	99.9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
99.9	99.9	99 9	25.0	99 9	99 9	99.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

1 MAY 1982
1700 GMT

170 13 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	91.0	1011.2	23.9	17.4	90.0	2.1	-2.1	0.0	298.1	328.8	12.5	67.0	0.0	0
0.4	6.4	188.2	1000.0	21.5	14.9	999.9	99.9	99.9	99.9	294.0	322.7	10.7	60.0	999.9	999
1.3	9.0	407.0	975.0	19.0	14.3	999.9	99.9	99.9	99.9	294.3	322.0	10.6	74.1	999.9	999
2.1	11.7	630.0	950.0	16.7	14.1	999.9	99.9	99.9	99.9	294.2	322.2	10.7	84.5	999.9	999
2.8	14.4	857.2	925.0	15.1	12.1	999.9	99.9	99.9	99.9	294.8	320.2	9.6	82.1	0.3	327
3.7	17.1	1089.2	900.0	13.1	12.1	232.4	3.3	2.6	2.0	295.0	321.2	9.9	93.7	0.4	348
4.6	19.8	1328.2	875.0	11.7	10.9	238.4	2.3	2.0	1.2	296.0	321.0	9.4	94.9	0.5	9
5.5	22.6	1568.7	850.0	10.2	9.0	203.7	1.2	0.5	1.1	296.8	319.7	8.5	92.4	0.5	14
6.5	25.3	1817.1	825.0	8.7	5.1	196.5	1.5	0.4	1.4	297.8	318.2	6.7	78.1	0.6	14
7.5	28.1	2071.5	800.0	7.2	3.5	148.0	1.1	-0.6	0.9	298.8	315.8	6.2	77.4	0.7	14
8.5	30.9	2332.6	775.0	6.0	5.2	39.3	2.7	-1.7	-2.1	300.3	320.1	7.2	94.6	0.7	11
9.5	33.8	2600.9	750.0	3.9	3.5	23.6	4.5	-1.8	-4.1	300.8	319.1	6.6	97.6	0.4	1
10.5	36.6	2877.0	725.0	3.3	2.2	999.9	99.9	99.9	99.9	303.1	320.6	6.2	92.3	999.9	999
11.6	39.5	3160.9	700.0	1.7**	99.9	999.9	99.9	99.9	99.9	304.4	999.9	99.9	999.9	999.9	999
12.7	42.4	3453.1	675.0	0.4**	99.9	999.9	99.9	99.9	99.9	306.1	999.9	99.9	999.9	999.9	999
13.8	45.4	3755.0	650.0	-0.9	-3.4	999.9	99.9	99.9	99.9	308.0	321.3	4.6	82.9	999.9	999
15.0	48.4	4067.6	625.0	-2.6	-7.0	999.9	99.9	99.9	99.9	309.5	320.3	3.6	71.9	999.9	999
16.2	51.5	4390.7	600.0	-4.6	-9.5	999.9	99.9	99.9	99.9	310.8	320.2	3.1	66.1	1.9	180
17.4	54.6	4724.4	575.0	-7.2	-9.6	306.4	1.8	1.4	-1.0	311.6	321.3	3.2	82.3	2.1	177
18.8	57.8	5069.8	550.0	-9.3	-16.6	284.4	2.5	2.4	-0.6	313.0	319.0	1.9	55.6	2.1	173
20.1	61.0	5428.6	525.0	-10.7	-29.2	284.1	4.4	4.2	-1.1	315.6	317.8	0.8	20.0	2.2	167
21.5	64.3	5802.8	500.0	-12.4	-31.6	271.7	4.9	4.9	-0.1	317.9	319.7	0.5	18.4	2.5	158
23.0	67.7	6192.2	475.0	-16.0	-27.8	253.3	6.1	5.8	1.7	318.2	320.9	0.8	35.1	2.6	148
24.4	71.1	6598.0	450.0	-18.3	-21.3	245.5	8.1	7.4	3.4	320.2	325.2	1.5	77.0	2.7	136
25.9	74.6	7022.6	425.0	-20.9	-29.2	240.5	10.9	9.5	5.4	322.2	324.9	0.8	46.9	3.1	120
27.6	78.3	7468.5	400.0	-23.3	-42.6	239.4	11.8	10.2	6.0	324.8	325.6	0.2	14.9	3.8	104
29.3	82.0	7937.7	375.0	-26.6	-33.1	244.0	12.0	10.8	5.3	326.4	328.6	0.6	54.2	4.8	95
31.0	85.8	8432.2	350.0	-30.6	-35.1	244.2	11.5	10.4	5.0	327.6	329.5	0.5	64.3	5.9	88
32.8	89.7	8955.4	325.0	-34.1	-40.4	244.8	12.3	11.1	5.2	329.7	331.0	0.3	52.4	7.0	85
34.4	93.8	9510.3	300.0	-38.9	-44.5	239.9	15.7	13.6	7.9	330.5	331.4	0.2	55.4	8.3	81
36.2	98.2	10099.6	275.0	-44.5	99.9	238.2	17.6	15.0	9.3	330.7	999.9	99.9	999.9	10.0	77
38.2	102.8	10730.1	250.0	-49.9	99.9	242.2	20.7	18.3	9.6	331.9	999.9	99.9	999.9	12.1	74
40.3	107.6	11412.4	225.0	-54.4	99.9	239.6	24.9	21.5	12.6	335.2	999.9	99.9	999.9	15.1	72
42.6	112.8	12158.4	200.0	-60.4	99.9	240.1	25.6	22.2	12.8	337.1	999.9	99.9	999.9	18.5	69
45.0	118.4	12978.6	175.0	-65.6	99.9	241.3	23.5	20.6	11.3	341.7	999.9	99.9	999.9	22.0	68
47.9	124.5	13920.4	150.0	-61.3	99.9	260.3	21.3	21.0	3.6	364.5	999.9	99.9	999.9	25.9	67
51.3	131.2	15049.2	125.0	-60.9	99.9	271.0	16.7	16.7	-0.3	384.7	999.9	99.9	999.9	29.2	70
55.4	139.0	16433.5	100.0	-61.7	99.9	282.5	15.6	15.2	-3.4	408.[illegible]	999.9	99.9	999.9	33.0	73
60.5	147.7	18210.0	75.0	-61.2	99.9	294.0	10.0	9.2	-4.1	444.8	999.9	99.9	999.9	36.6	77
67.9	158.0	20758.5	50.0	-57.2	99.9	311.6	3.4	2.5	-2.3	508.8	999.9	99.9	999.9	38.2	79
79.7	169.0	25219.3	25.0	-49.8	99.9	999.9	99.9	99.9	99.9	641.4	999.9	99.9	999.9	38.4	81

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 255
VICTORIA, TEXAS

1 MAY 1982
2045 GMT

163 15 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0 0	5.2	33.0	1014 1	27 8	14 4	90.0	6.2	-6 2	0 0	299 8	327 3	10 3	44 0	0 0	0
0 4	6.6	157.1	1000 0	26 5	15 0	89 7	5 6	-5 6	-0.0	299 7	328 7	10 8	49 4	0 2	268
0 9	9 0	379.7	975 0	24 2	13 9	91 3	5.6	-5 6	0 2	299 5	327 2	10 3	52 7	0 4	269
1.4	11.6	606.3	950.0	21 6	13.4	94 7	5.1	-5 1	0 4	299 2	326 7	10 3	59 5	0 5	270
1 9	14.1	837.0	925.0	19 4	12 6	91.5	4 8	-4.8	0 1	299 1	326 0	10 0	64 9	0 7	272
2 5	16.7	1072.2	900 0	16 9	12.5	88.9	4.9	-4 9	-0 1	298 9	326 2	10 2	75 3	0 8	271
3 2	19.3	1311.9	875 0	14 3	11 4	96.7	5.2	-5 1	0.6	298 7	324 9	9 8	82 8	1 0	271
3 7	21.9	1556.7	850.0	12.2	10.9	106 2	5.4	-5.2	1 5	298 9	325 1	9 7	91 9	1 2	272
4.3	24.5	1806.8	825 0	10 2	8 8	112.8	5.3	-4 9	2 1	299 4	322.9	8 7	91 3	1 4	275
5 1	27.1	2062.4	800.0	8 0	7 2	116.7	6.1	-5 4	2 7	299 7	321 5	8 0	94 8	1 7	279
6 3	29.8	2324.4	775.0	6 3	5.7	112 9	7.3	-6 7	2 8	300 6	321 0	7.4	95 6	2 1	282
7 3	32.4	2593.6	750.0	5 3	4.5	107.3	7.1	-6.8	2.1	302 4	322 0	7 1	94 3	2 6	284
8 5	35.2	2870.2	725.0	3 0	-1.5	124 7	4 8	-4.0	2 7	302 7	316 3	4 8	72 7	3 0	285
9.4	38.0	3153.6	700.0	0.9	-8.4	144.9	3 7	-2.1	3 1	303 5	312 0	2.9	49 8	3 2	287
10.4	40.8	3445.8	675.0	0 4	-3 7	148 7	2.2	-1 2	1 9	306 1	318 6	4 3	74 2	3 3	289
11.4	43.6	3748.0	650.0	-1 3	-5 4	155 2	0.9	-0 4	0 8	307 5	319 1	4 0	73 9	3 4	290
12.4	46.4	4060.0	625.0	-3 1	-6 5	304.8	1 3	1 1	-0 7	308 9	320 1	3 8	78 1	3 4	290
13.4	49.4	4382.4	600.0	-4.9	-13.3	312 4	4.8	3.5	-3 2	310 5	317 5	2 3	51 6	3 2	289
14.6	52.3	4716.5	575.0	-6 3	-19.2	295.3	7.2	6 5	-3 1	312 7	317 3	1.5	35 2	2 8	287
15.8	55.4	5063.0	550 0	-8.3	-25 3	293.4	6 3	5 8	-2 5	314 2	317 2	0 9	24 4	2 3	286
16.9	58.4	5422.4	525.0	-10.3	-31.5	307 3	6.6	5 3	-4.0	316 1	317.9	0 5	15 5	1 9	282
18.1	61.5	5797.4	500.0	-11.7	-28.8	310.0	8 4	6 5	-5 4	318 8	321 3	0 7	23 7	1 5	273
19.4	64.8	6188.9	475.0	-13.9	-23.6	999 9	99.9	99 9	99 9	320 8	324 8	1 2	43 9	0 9	248
20.7	68 0	6596 8	450.0	-17 1	-30.0	999.9	99.9	99 9	99 9	321 8	324 2	0 7	31 4	999 9	999
22 3	71.4	7023.4	425.0	-20.2**	-37.5	999.9	99.9	99.9	99 9	323 0	324 3	0 4	19.9	999 9	999
23 7	74.7	7470.0	400.0	-22 9**	-43.4	999 9	99 9	99.9	99 9	325.2	325 9	0 2	13 3	999 9	999
25 3	78.3	7940.1	375.0	-26 3	-46.1	999 9	99.9	99 9	99 9	326 8	327 4	0 2	13 4	999 9	999
26 8	81.9	8435.0	350 0	-30 0	-49.3	294 2	13.6	12 4	-5 6	328 3	328 7	0 1	13 2	4 5	118
28 5	85.7	8958.1	325.0	-34 5	-53.3	292 9	14 8	13 7	-5 8	329 2	329 5	0 1	12 7	5 9	117
30 2	89.7	9512.1	300 0	-39.1	-57 1	288 0	16.9	16 1	-5 2	330 3	330 5	0 1	12 6	7 6	116
32 0	93.7	10102.4	275 0	-44 0	99.9	279 9	17 8	17 5	-3 1	331 4	999 9	99 9	999 9	9 4	113
34 1	98.0	10735.0	250 0	-48 9	99.9	284 2	21.0	20 4	-5 2	333 4	999 9	99 9	999 9	11 7	111
36.3	102.6	11420.8	225.0	-53 2	99.9	287.0	23.6	22 6	-6 9	337 0	999 9	99 9	999 9	14 7	110
38 9	107.5	12173.1	200 0	-56 7	99 9	286.3	24 9	23 9	-7 0	342 9	999 9	99 9	999 9	18 4	109
41 7	112.8	13010.0	175.0	-60 5	99 9	286 8	27 6	26 5	-8 0	350 0	999 9	99 9	999 9	22 7	109
45 0	118.7	13973.0	150 0	-60 1	99 9	291 0	27 9	26.1	-10 0	366 6	999 9	99 9	999 9	28 6	109
48 9	125.2	15104.8	125 0	-62 1	99 9	291 3	21 8	20 3	-7 9	382 6	999 9	99 9	999 9	34 3	109
53 5	132.7	16472.1	100.0	-64 7	99 9	278.4	17 8	17.6	-2 6	402 8	999 9	99 9	999 9	39 5	109
59.2	141.3	18236.4	75 0	-63 4	99.9	286 9	9.6	9 2	-2 8	440 0	999 9	99 9	999 9	44 6	108
67 1	151.5	20743.3	50.0	-60 5	99 9	333 5	2 9	1.3	-2 6	500 9	999 9	99 9	999 9	45 7	107
79 7	162.7	25218.1	25.0	-48 1	99.9	313.6	5 7	4 1	-3 9	646 7	999 9	99 9	999 9	46 2	109

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

1 MAY 1982
2000 GMT

157 20 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.5	268 0	992 1	17.2	9 4	300 0	2 1	1 8	-1 0	291.0	310 7	7 5	60 0	0 0	0
99.9	99.9	99 9	1000 0	99 9	99 9	999.9	99 9	99 9	99 9	99 9	999 9	99 9	999 9	999 9	999
0.6	9 3	416 3	975 0	16.6	6 5	999 9	99.9	99 9	99 9	291.9	309 0	6 4	52.6	999 9	999
1.4	11.9	538 6	950 0	14.2	6 3	999 9	99 9	99 9	99 9	291 6	308 4	6 3	58 9	999 9	999
2.3	14.6	861 0	925 0	12.0	4.9	999 9	99 9	99 9	99 9	291 6	307 4	5 9	61 8	999 9	999
3.3	17.2	1090 1	900.0	10.3	4.4	999.9	99 9	99 9	99 9	292 1	307 8	5 9	67 1	999 9	999
4.2	19.9	1323 8	875.0	8 2	3 5	999 9	99 9	99 9	99 9	292 3	307 5	5 6	72 4	999 9	999
5.1	22 6	1562 0	850 0	6 1**	99 9	999.9	99 9	99 9	99 9	292 6	999 9	99 9	999 9	999 9	999
6.0	25.3	1805 3	825 0	4 0**	99.9	999 9	99 9	99 9	99 9	292 9	999 9	99 9	999 9	999 9	999
6 8	28.0	2054 5	800 0	1.9	0.8	999 9	99 9	99 9	99 9	293 2	307 0	5 1	92 6	999 9	999
7.7	30.9	2311 9	775 0	5.6	-11.9	197 2	1 8	0 5	1 8	299 8	305 9	2 1	29 3	0 6	14
8.6	33.7	2580 2	750 0	5.7	-13 4	273.6	1 8	1 7	-0 1	302 8	308 2	1 8	23 8	0 7	19
9.5	36.4	2856 7	725 0	4 2	-14 5	312 0	2 6	1 9	-1 7	304 1	309 3	1 7	24 0	0 7	28
10.5	39.4	3141 3	700 0	2 6	-15 8	314 4	4 1	3 0	-2 9	305 4	310 3	1 6	24 1	0 6	46
11 5	42.3	3434 7	675 0	1 3	-17 0	297.3	4 5	4 0	-2 1	307 1	311 7	1 5	24 1	0 7	68
12.6	45 3	3737 3	650 0	-0 8	-18 7	281 8	3 2	3 1	-0 7	308 1	312 3	1 3	24 2	0 9	78
13 7	48.3	4049 3	625 0	-2 9	-20 4	294 1	1 8	1 7	-0 8	309 2	313 0	1 2	24 3	1 1	81
14.8	51.3	4371.5	600 0	-4.7	-21 9	296 8	2 0	1 8	-0 9	310 7	314 2	1 1	24 3	1 2	85
16.0	54.4	4704.5	575 0	-7.7	-24 5	273 8	2 3	2 3	-0 2	310 9	313 9	0 9	24 5	1 3	87
17.1	57 5	5048.6	550 0	-10.3	-26 9	280 2	3 2	3 2	-0 6	311 9	314 4	0 8	24 1	1 5	88
18 4	60 8	5405 1	525 0	-12 7	-29 0	294 3	4 1	3 7	-1 7	313 1	315 3	0 7	24 2	1 8	91
19 6	64 0	5775.3	500 0	-15.7	-31 5	311 9	6 1	4 6	-4 1	313 9	315 7	0 5	24 3	2 1	96
21 0	67 4	6160.4	475 0	-18.4	-33 5	322 7	8 3	5 0	-6 6	315 2	316 8	0 5	25 0	2 6	105
22.4	70.8	6561.5	450 0	-21 6	-34 5	329 7	9 2	4 6	-7 9	316 1	317 7	0 4	29 8	3 1	115
23.8	74.3	6979 9	425 0	-24.7	-35.6	321 0	9 6	6 1	-7 5	317 4	318 9	0 4	35 3	3 9	121
25.5	78.0	7417 8	400 0	-28.3	-38 9	300.5	9 9	8 6	-5 0	318 2	319 4	0 3	35 1	4 8	124
27.1	81 7	7877 8	375 0	-31 6	-40 9	284 5	11 7	11 3	-2 9	319 8	320 8	0 3	38 8	5 8	121
28.9	85.5	8362 1	350 0	-35 3	-43 1	283 0	12 9	12 6	-2 9	321 1	322 0	0 2	44 4	7 1	117
30.9	89.5	8874 3	325 0	-39 4	-48 7	292 1	12 3	11 4	-4 6	322 4	322 9	0 1	35 8	8 6	116
32.9	93.6	9418 0	300 0	-43 0	99.9	305 9	11.1	9 0	-6 5	324 7	999 9	99 9	999 9	9 9	116
35.2	98.0	9998 8	275 0	-47 1	99.9	312 7	13 0	9 8	-8 8	327 0	999 9	99 9	999 9	11 5	118
37.4	102 4	10622 3	250 0	-52 7	99.9	310 0	14 4	11 0	-9 2	327 8	999 9	99 9	999 9	13 3	120
39.8	107 2	11294 8	225 0	-57 8	99 9	300 5	15 0	13 0	-7 6	330 0	999 9	99 9	999 9	15 4	121
42 3	112 2	12031 1	200 0	-61 1	99 9	299 8	18 4	16 0	-9 1	336 0	999 9	99 9	999 9	18 0	120
45.3	117 6	12857 1	175 0	-62 8	99 9	300 2	19 7	17 0	-9 9	346 3	999 9	99 9	999 9	21 3	121
48 8	123.5	13818 2	150 0	-58 8	99 9	288 6	18 2	17 2	-5 8	368 9	999 9	99 9	999 9	25 4	120
52.6	129 7	14957 7	125 0	-59 5	99 9	295 5	18 4	16 6	-7 9	387 2	999 9	99 9	999 9	29 6	118
57.4	136 7	16357 7	100 0	-59 1	99 9	298 5	12 9	11 4	-6 2	413 6	999 9	99 9	999 9	33 9	118
63.3	144.3	18173 3	75 0	-57 7	99.9	313 8	7 9	5 7	-5 5	452 0	999 9	99 9	999 9	37 3	119
70.3	152.7	20753 0	50 0	-54 4	99 9	343 1	5 0	1 4	-4 7	515 4	999 9	99 9	999 9	40 3	120
84.0	161.3	25230 1	25 0	-49 9	99 9	73.9	3 4	-3 2	-0 9	641 7	999 9	99 9	999 9	39 8	123

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO 553
OMAHA, NEBRASKA

1 MAY 1982
1115 GMT

158 22 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	400.0	976.5	7.2	5.8	330.0	2.1	1.1	-1.8	282.3	297.5	6.0	91.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999
0.0	9.5	412.7	975.0	7.7	5.8	999.9	99.9	99.9	99.9	282.9	298.1	5.9	88.1	999.9	999
0.9	12.2	629.6	950.0	12.1	5.7	999.9	99.9	99.9	99.9	289.5	305.5	6.1	64.7	999.9	999
1.7	14.9	852.7	925.0	10.8	3.8	999.9	99.9	99.9	99.9	290.3	304.9	5.5	62.2	999.9	999
2.6	17.6	1080.4	900.0	8.5	2.4	171.8	2.2	-0.3	2.1	290.3	303.9	5.1	65.4	0.4	122
3.5	20.3	1312.8	875.0	6.8	1.4	999.9	99.9	99.9	99.9	290.9	304.0	4.9	68.2	999.9	999
4.4	23.0	1550.3	850.0	4.8	-0.3	999.9	99.9	99.9	99.9	291.2	303.2	4.4	69.3	999.9	999
5.4	25.8	1793.2	825.0	3.0	-2.5	999.9	99.9	99.9	99.9	291.7	302.4	3.9	67.5	999.9	999
6.4	28.6	2042.4	800.0	3.2**	99.9	999.9	99.9	99.9	99.9	294.6	999.9	99.9	999.9	999.9	999
7.4	31.4	2299.6	775.0	3.7**	99.9	999.9	99.9	99.9	99.9	297.8	999.9	99.9	999.9	999.9	999
8.4	34.2	2565.6	750.0	3.2	-17.7	999.9	99.9	99.9	99.9	300.0	303.9	1.3	19.9	999.9	999
9.5	37.1	2839.3	725.0	1.3	-18.7	999.9	99.9	99.9	99.9	300.9	304.5	1.2	20.8	999.9	999
10.6	40.0	3120.8	700.0	0.0	-19.7	310.1	4.3	3.3	-2.8	302.5	306.1	1.1	20.9	1.0	218
11.7	43.0	3411.7	675.0	-0.4	-20.1	293.2	7.4	6.8	-2.9	305.2	308.7	1.1	20.9	1.1	192
12.9	46.0	3712.1	650.0	-2.8	-22.0	287.2	6.4	6.1	-1.9	305.8	309.0	1.0	21.0	1.2	167
14.0	49.0	4021.4	625.0	-4.9	-23.0	295.3	7.1	6.5	-3.1	306.8	309.8	1.0	22.7	1.5	154
15.3	52.1	4341.7	600.0	-6.2	-23.1	295.5	7.9	7.1	-3.4	308.9	312.1	1.0	24.7	2.0	143
16.7	55.2	4673.1	575.0	-8.5	-24.8	294.0	9.3	8.5	-3.8	310.0	312.9	0.9	25.3	2.6	136
18.0	58.1	5016.4	550.0	-10.7	-26.5	294.2	9.6	8.8	-3.9	311.4	314.0	0.8	25.8	3.3	131
19.4	61.4	5372.2	525.0	-13.7	-29.2	283.4	10.2	9.9	-2.4	312.0	314.2	0.8	25.4	4.1	127
20.9	64.8	5740.8	500.0	-17.0	-31.7	277.9	11.5	11.4	-1.6	312.3	314.1	0.5	26.3	5.0	122
22.4	68.1	6123.6	475.0	-19.8	-34.8	277.9	11.8	11.7	-1.6	313.5	314.9	0.4	24.8	5.9	118
24.0	71.6	6523.0	450.0	-22.4	-36.4	285.7	13.1	12.6	-3.6	315.0	316.3	0.4	26.5	7.1	115
25.5	75.0	6940.3	425.0	-25.0	-39.3	290.4	10.6	9.9	-3.7	316.9	318.0	0.3	24.8	8.3	114
27.4	78.7	7377.9	400.0	-28.6	-42.8	292.4	9.2	8.5	-3.5	317.8	318.6	0.2	24.0	9.3	114
29.1	82.4	7836.8	375.0	-32.4	-45.6	284.1	10.1	9.8	-2.5	318.8	319.4	0.[illegible]	25.1	10.2	113
30.9	86.3	8319.7	350.0	-35.9	-48.4	267.5	12.4	11.8	-3.7	320.3	320.8	0.1	26.3	11.5	112
32.9	90.3	8830.0	325.0	-40.1	99.9	296.5	14.5	12.9	-6.4	321.4	999.9	99.9	999.9	13.0	112
35.1	94.5	9371.1	300.0	-44.8	99.9	298.4	16.0	14.0	-7.6	322.3	999.9	99.9	999.9	15.0	113
37.3	98.8	9948.0	275.0	-48.9	99.9	303.1	17.6	14.7	-9.6	324.4	999.9	99.9	999.9	17.3	114
39.6	103.2	10567.3	250.0	-53.5	99.9	301.2	16.7	14.3	-8.6	326.5	999.9	99.9	999.9	19.7	115
42.2	108.0	11237.1	225.0	-58.7	99.9	298.8	16.4	14.3	-7.9	328.6	999.9	99.9	999.9	22.1	116
45.0	113.2	11968.2	200.0	-63.4	99.9	295.6	19.0	17.1	-8.2	332.3	999.9	99.9	999.9	25.0	116
47.8	118.5	12791.3	175.0	-61.4	99.9	286.8	20.0	19.2	-5.8	348.7	999.9	99.9	999.9	28.4	116
51.5	124.5	13750.4	150.0	-59.9	99.9	293.4	19.0	17.5	-7.5	366.9	999.9	99.9	999.9	32.8	115
55.7	131.0	14891.1	125.0	-59.8	99.9	294.1	15.8	14.4	-6.4	386.8	999.9	99.9	999.9	37.0	115
60.5	138.2	16284.9	100.0	-59.0	99.9	299.1	13.5	11.8	-6.6	413.8	999.9	99.9	999.9	41.2	115
66.4	146.3	18101.8	75.0	-57.3	99.9	291.8	10.0	9.3	-3.7	452.8	999.9	99.9	999.9	45.2	115
74.1	155.3	20666.4	50.0	-56.5	99.9	11.3	7.3	-1.4	-7.1	510.5	999.9	99.9	999.9	48.5	116
85.9	164.7	25147.7	25.0	-53.2	99.9	999.9	99.9	99.9	99.9	632.1	999.9	99.9	999.9	999.9	999

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

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